

Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
 Data File : BN000523.D
 Acq On : 21 Mar 2018 17:01
 Operator : JU/SJ
 Sample : J1905-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM42

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.702	209	215	224	rVV	1805000	3344964	6.78%	0.340%
2	5.419	330	337	348	rVV	2374467	5759790	11.68%	0.586%
3	5.902	414	419	427	rVB2	1618884	3129686	6.35%	0.318%
4	5.978	427	432	442	rBV	1033955	2419177	4.91%	0.246%
5	6.219	464	473	483	rVV5	1151209	3828715	7.77%	0.389%
6	6.366	491	498	509	rVB2	6587851	15121659	30.67%	1.538%
7	6.631	536	543	551	rBV5	1742497	5158669	10.46%	0.525%
8	6.749	556	563	572	rVB2	1523114	3716436	7.54%	0.378%
9	6.884	573	586	590	rBV5	4059540	13463769	27.31%	1.369%
10	6.925	590	593	599	rVB	3219287	5654691	11.47%	0.575%
11	7.025	599	610	621	rVB5	3082577	11209650	22.74%	1.140%
12	7.131	622	628	635	rVB2	2149808	4601647	9.33%	0.468%
13	7.207	635	641	645	rBV5	1000643	2090997	4.24%	0.213%
14	7.278	645	653	658	rVB3	1600333	3952746	8.02%	0.402%
15	7.378	658	670	676	rBV2	4729248	13361166	27.10%	1.359%
16	7.443	676	681	685	rBV	3717613	6763905	13.72%	0.688%
17	7.496	685	690	694	rBV	4368111	8158454	16.55%	0.830%
18	7.555	694	700	708	rVB	7093764	16525092	33.52%	1.681%
19	7.637	708	714	725	rVB2	4275952	13005026	26.38%	1.323%
20	7.807	735	743	746	rBV	5120597	12657416	25.67%	1.287%
21	8.060	775	786	798	rVV2	8984595	35307305	71.61%	3.591%
22	8.237	813	816	822	rVB4	1368184	2404465	4.88%	0.245%
23	8.331	822	832	837	rBV4	2641425	8581408	17.40%	0.873%
24	8.396	837	843	850	rVB	4719823	10383738	21.06%	1.056%
25	8.566	850	872	876	rBV4	8715102	49304678	100.00%	5.015%
26	8.684	883	892	896	rBV	6471769	17562252	35.62%	1.786%
27	8.943	921	936	944	rBV4	9427090	39279217	79.67%	3.995%
28	9.013	944	948	956	rVB2	5317072	13787666	27.96%	1.402%
29	9.101	956	963	970	rBV3	9050436	21361967	43.33%	2.173%
30	9.201	974	980	985	rBV	4712908	10032784	20.35%	1.020%
31	9.266	986	991	995	rVB	3165088	5726318	11.61%	0.582%
32	9.407	1010	1015	1020	rBV	4140187	9443957	19.15%	0.960%
33	9.466	1021	1025	1030	rVB	5416297	9424592	19.12%	0.959%
34	9.566	1036	1042	1051	rVB3	5585784	13129936	26.63%	1.335%

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35	9.701	1051	1065	1071	rVB2	9100065	36638106	74.31%	3.726%
36	9.807	1071	1083	1092	rBV8	4121936	19907895	40.38%	2.025%
37	9.896	1092	1098	1105	rBV3	4149456	12246641	24.84%	1.246%
38	10.078	1123	1129	1138	rVB5	3033977	9628060	19.53%	0.979%
39	10.160	1138	1143	1147	rBV2	3951277	7474685	15.16%	0.760%
40	10.207	1147	1151	1153	rBV3	1691808	2687689	5.45%	0.273%
41	10.331	1164	1172	1177	rBV4	4709189	15445127	31.33%	1.571%
42	10.466	1190	1195	1201	rBV4	2753954	7881583	15.99%	0.802%
43	10.590	1211	1216	1219	rBV2	2869863	5516655	11.19%	0.561%
44	10.625	1219	1222	1225	rVV2	2640522	4708269	9.55%	0.479%
45	10.672	1226	1230	1235	rVV5	4635937	9547220	19.36%	0.971%
46	10.725	1236	1239	1243	rVV3	2317198	3904756	7.92%	0.397%
47	10.766	1243	1246	1251	rVB2	2248087	3387852	6.87%	0.345%
48	10.848	1252	1260	1268	rVB5	2905605	8139711	16.51%	0.828%
49	10.937	1271	1275	1279	rBV	1723845	3164535	6.42%	0.322%
50	11.043	1288	1293	1295	rBV3	1078282	2065098	4.19%	0.210%
51	11.160	1308	1313	1314	rBV3	1489978	2362733	4.79%	0.240%
52	11.396	1347	1353	1361	rVB4	7033802	18174164	36.86%	1.848%
53	11.572	1378	1383	1388	rVB4	2891134	4860833	9.86%	0.494%
54	11.654	1388	1397	1402	rBV	8091924	20921756	42.43%	2.128%
55	11.778	1412	1418	1422	rVB	4072642	8025321	16.28%	0.816%
56	11.878	1430	1435	1443	rVB10	2308603	6073356	12.32%	0.618%
57	11.966	1443	1450	1453	rBV6	3596203	8488785	17.22%	0.863%
58	12.078	1464	1469	1474	rBV8	1516880	3379226	6.85%	0.344%
59	12.154	1478	1482	1488	rVB5	2707066	6048443	12.27%	0.615%
60	12.266	1496	1501	1507	rBV4	3146553	9258576	18.78%	0.942%
61	12.360	1511	1517	1523	rVB	8850397	18616334	37.76%	1.893%
62	12.507	1530	1542	1553	rBV6	8047505	24838702	50.38%	2.526%
63	12.672	1560	1570	1573	rBV3	6334601	19094732	38.73%	1.942%
64	12.807	1584	1593	1596	rBV5	3985392	11511358	23.35%	1.171%
65	12.890	1603	1607	1610	rVV	3283371	5000589	10.14%	0.509%
66	12.931	1610	1614	1621	rVB	4445508	8472497	17.18%	0.862%
67	13.054	1630	1635	1639	rBV4	3671440	7589258	15.39%	0.772%
68	13.154	1649	1652	1657	rVB2	2429736	3602899	7.31%	0.366%
69	13.260	1665	1670	1673	rBV4	2333522	4956090	10.05%	0.504%
70	13.437	1694	1700	1706	rBV6	2753164	7141123	14.48%	0.726%
71	13.578	1720	1724	1730	rVB4	3259532	5730387	11.62%	0.583%

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72	14.207	1828	1831	1834	rBV2	1764984	2849840	5.78%	0.290%
73	14.784	1925	1929	1940	rVB4	4152969	8608846	17.46%	0.876%
74	14.966	1950	1960	1965	rVB3	5516943	17186019	34.86%	1.748%
75	15.095	1979	1982	1993	rVB5	3814077	7815818	15.85%	0.795%
76	15.207	1994	2001	2006	rVB	7946169	18603715	37.73%	1.892%
77	15.848	2105	2110	2113	rBV	4949489	8857326	17.96%	0.901%
78	16.654	2243	2247	2253	rVB	5279582	8924288	18.10%	0.908%
79	17.513	2379	2393	2395	rBV3	8829261	36999844	75.04%	3.763%
80	17.977	2469	2472	2476	rVB2	3363067	4219192	8.56%	0.429%
81	18.130	2495	2498	2506	rVB2	2668594	4370537	8.86%	0.445%
82	18.254	2514	2519	2523	rBV	4001615	7108195	14.42%	0.723%
83	18.919	2628	2632	2636	rVB	4597221	6970626	14.14%	0.709%
84	19.530	2731	2736	2738	rBV	4120758	6555002	13.29%	0.667%
85	19.560	2738	2741	2754	rVB6	4288710	8062025	16.35%	0.820%
86	19.677	2757	2761	2766	rVB3	3342290	5183909	10.51%	0.527%
87	20.089	2827	2831	2836	rVB	4020894	5858181	11.88%	0.596%
88	20.542	2905	2908	2914	rVB	2173351	3288384	6.67%	0.334%
89	20.613	2916	2920	2924	rVV2	3829904	5550591	11.26%	0.565%
90	20.660	2925	2928	2936	rVB	2789090	4047042	8.21%	0.412%
91	21.095	2998	3002	3006	rVB	3445538	4261378	8.64%	0.433%
92	21.560	3076	3081	3093	rVB2	6248654	10531469	21.36%	1.071%
93	21.824	3122	3126	3133	rVB	2708058	3568128	7.24%	0.363%
94	22.001	3152	3156	3163	rVB2	3722155	5987647	12.14%	0.609%
95	22.383	3217	3221	3230	rVV2	3214001	5513747	11.18%	0.561%
96	22.477	3232	3237	3243	rVB2	5565652	9259488	18.78%	0.942%
97	22.983	3319	3323	3326	rBV	2683747	4274904	8.67%	0.435%
98	23.330	3377	3382	3387	rVB2	2621046	5100361	10.34%	0.519%
99	23.495	3405	3410	3414	rBV	1519838	2608933	5.29%	0.265%
100	23.548	3414	3419	3432	rVB2	2099859	4928501	10.00%	0.501%

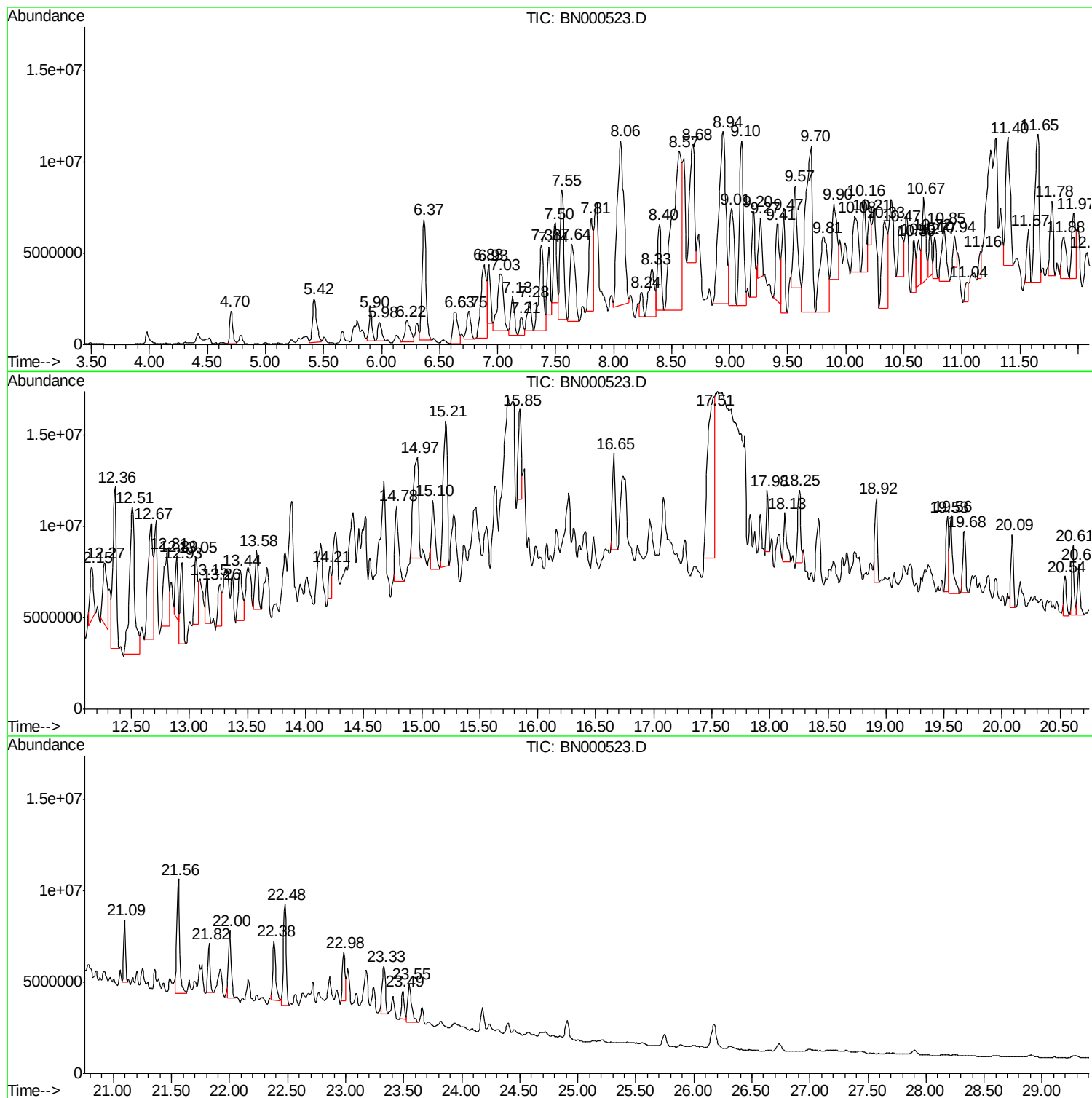
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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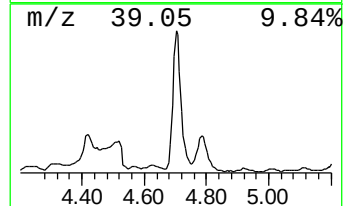
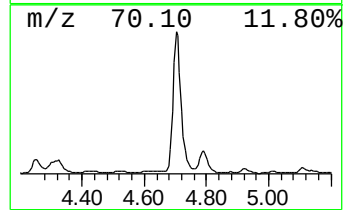
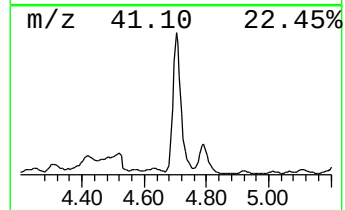
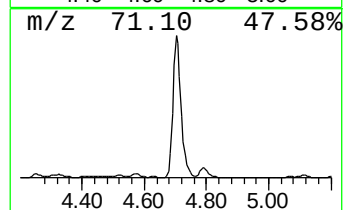
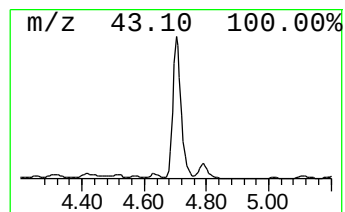
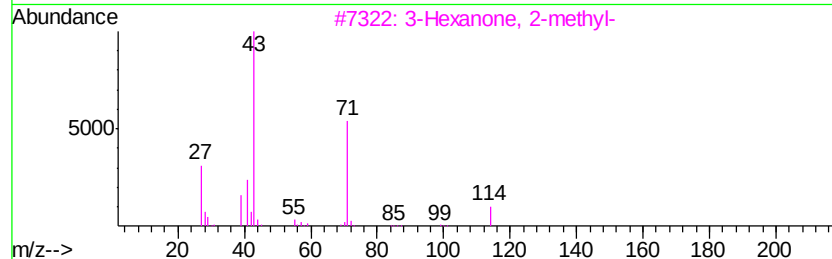
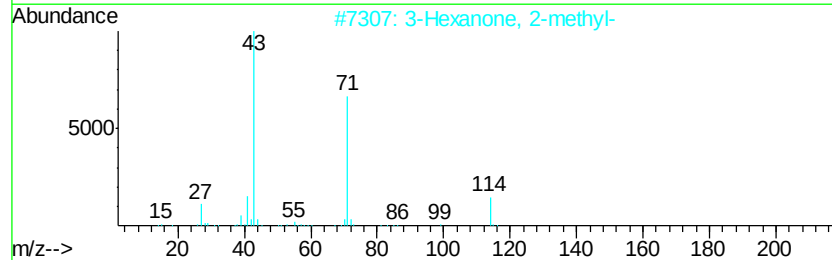
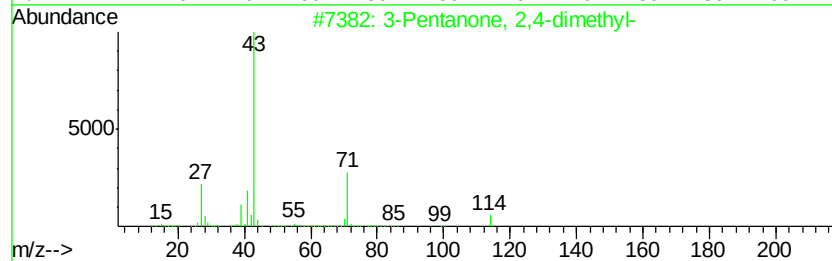
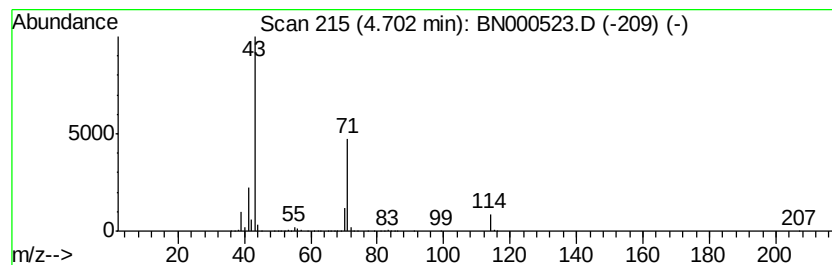
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 3-Pentanone, 2,4-dimethyl- Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.70	6.44 ng/ul	3344960	1,4-Dichlorobenzene-d4	8.44	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	90
2	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	72
3	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	64
4	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	58
5	4-Heptanone	114	C7H14O	000123-19-3	53



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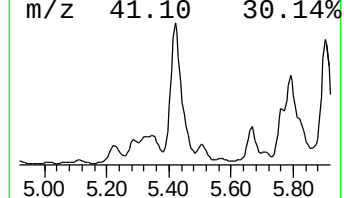
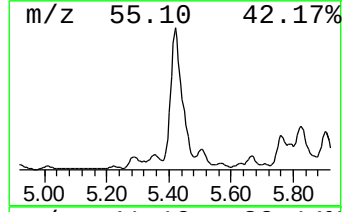
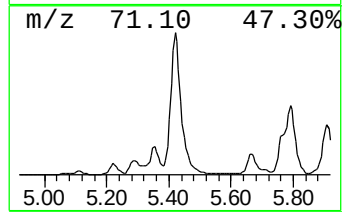
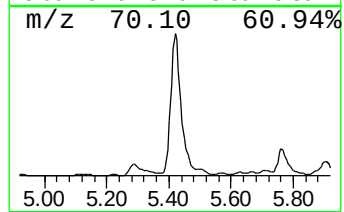
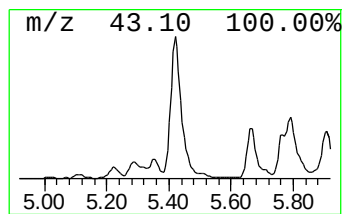
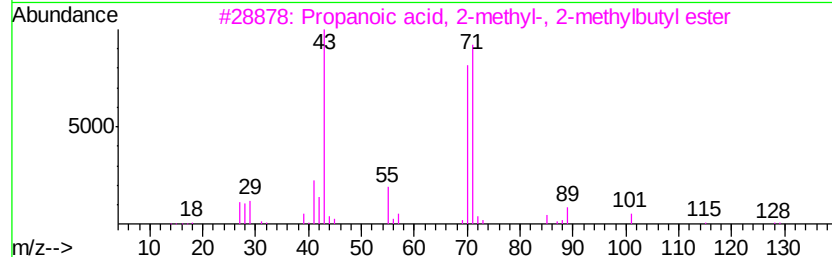
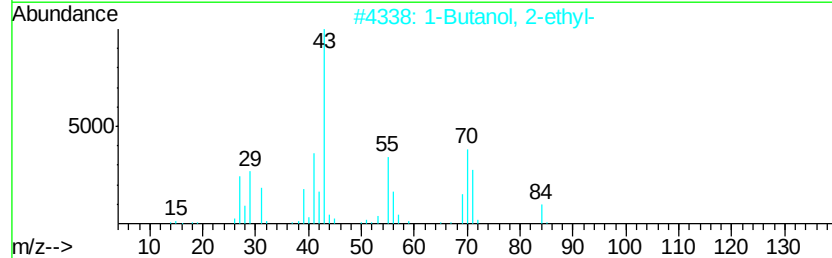
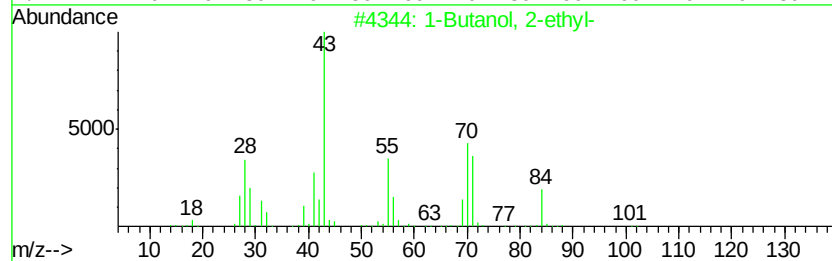
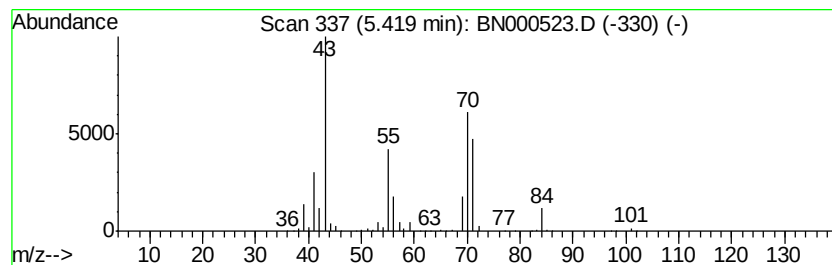
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Butanol, 2-ethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.42	11.09 ng/ul	5759790	1,4-Dichlorobenzene-d4	8.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	83
2		1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	72
3		Propanoic acid, 2-methyl-, 2-methylbutyl ester	158	C9H18O2	002445-69-4	53
4		Pentane, 3-ethyl-	100	C7H16	000617-78-7	53
5		3-Methylheptyl acetate	172	C10H20O2	072218-58-7	53



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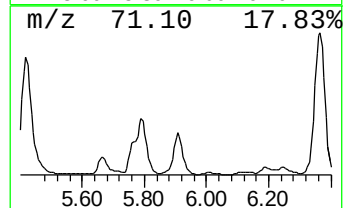
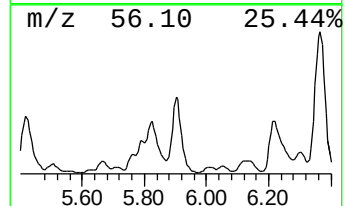
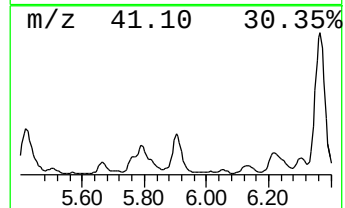
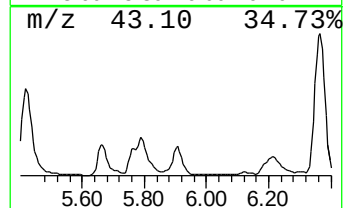
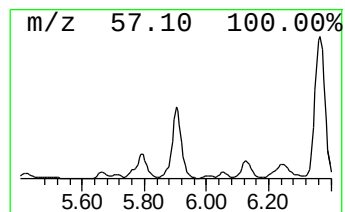
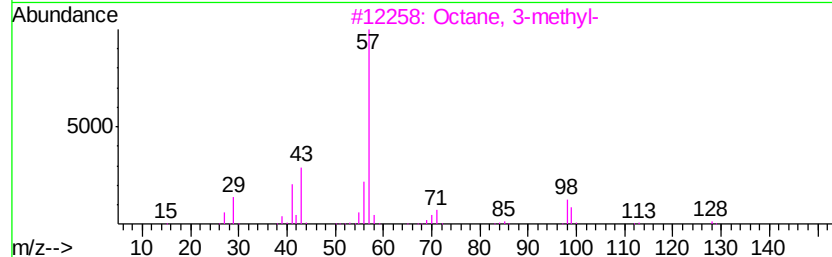
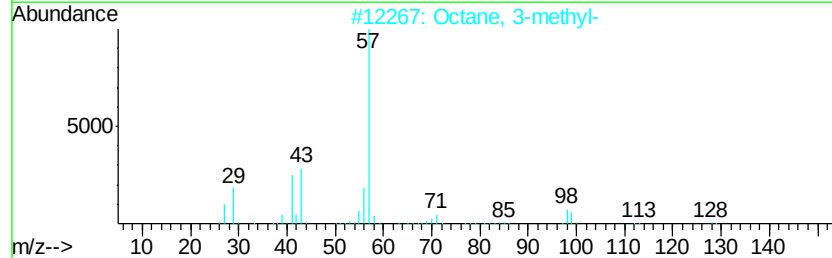
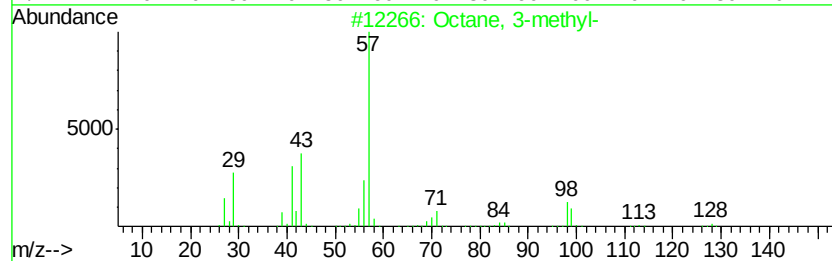
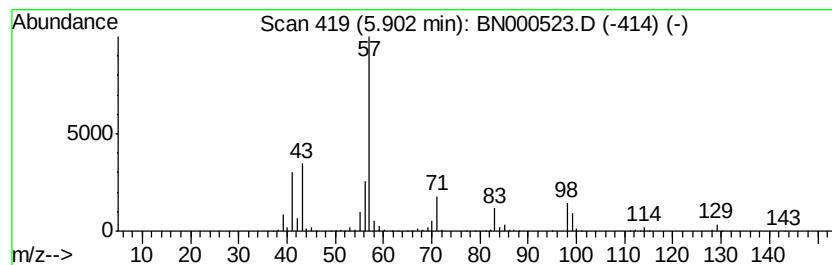
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	6.03 ng/ul	3129690	1,4-Dichlorobenzene-d4	8.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-methyl-	128	C9H20	002216-33-3	76
2		Octane, 3-methyl-	128	C9H20	002216-33-3	70
3		Octane, 3-methyl-	128	C9H20	002216-33-3	58
4		2-Azido-2,4,4,6,6,8,8-heptamethy...	267	C16H33N3	1000293-29-1	50
5		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50



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Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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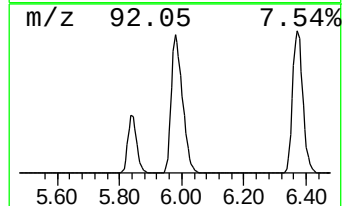
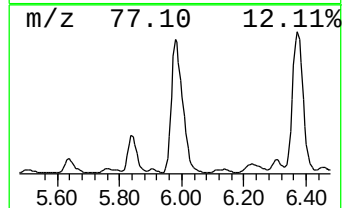
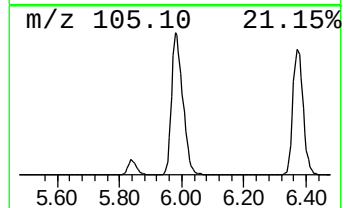
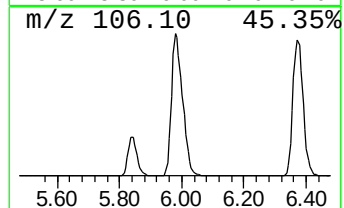
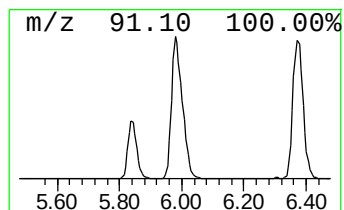
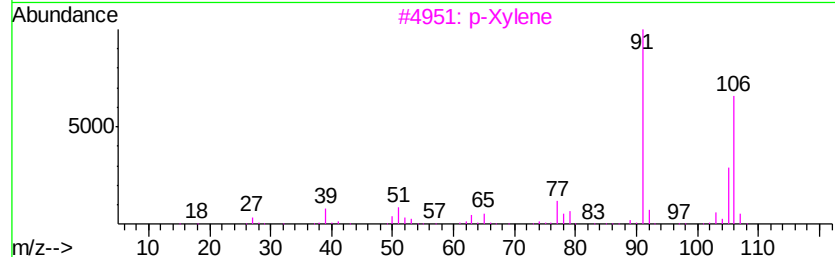
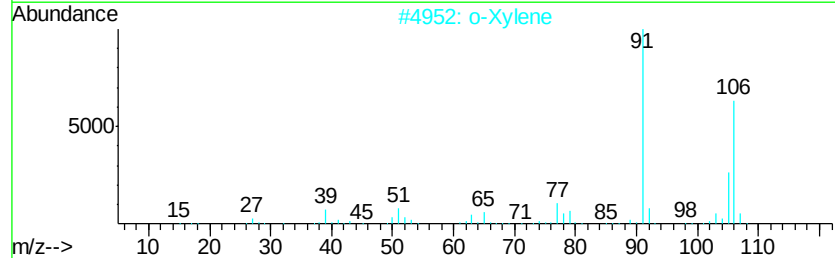
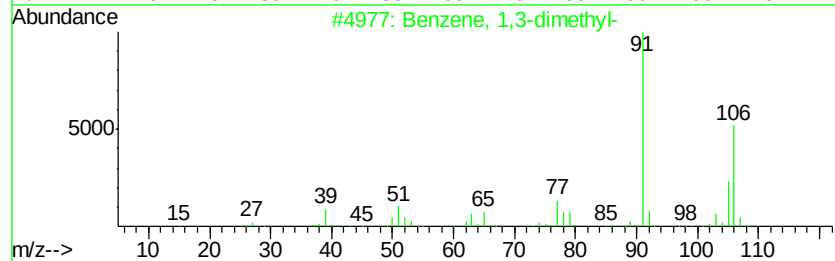
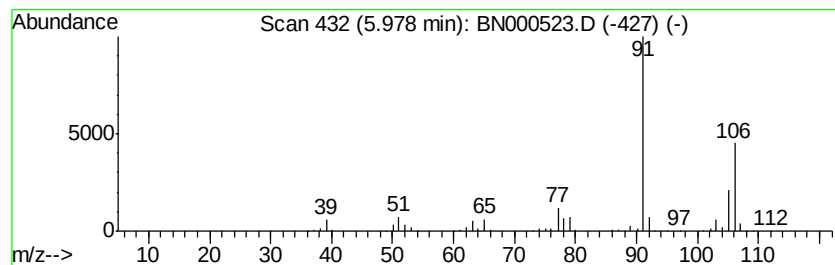
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	4.66 ng/ul	2419180	1,4-Dichlorobenzene-d4	8.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2		o-Xylene	106	C8H10	000095-47-6	95
3		p-Xylene	106	C8H10	000106-42-3	95
4		p-Xylene	106	C8H10	000106-42-3	95
5		p-Xylene	106	C8H10	000106-42-3	95



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
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Acq On : 21 Mar 2018 17:01
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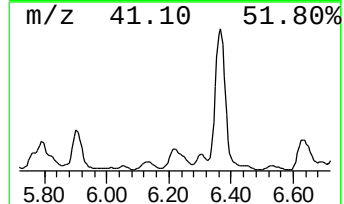
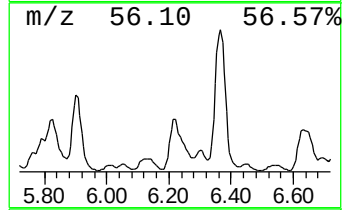
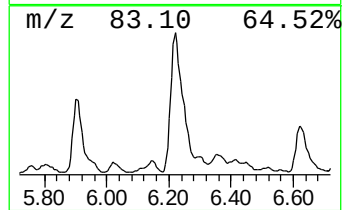
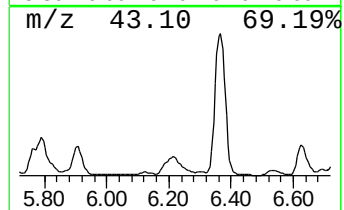
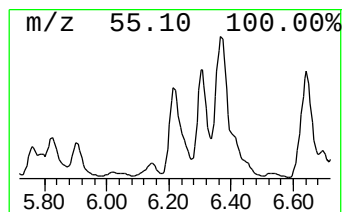
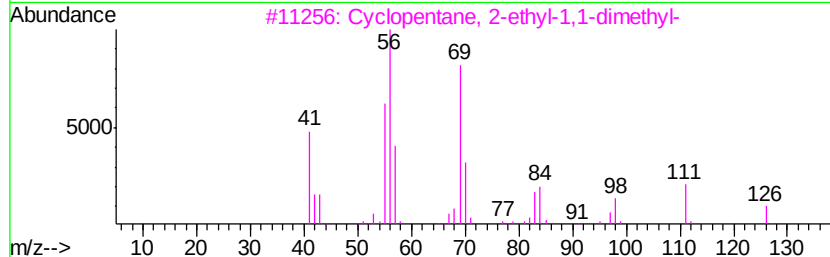
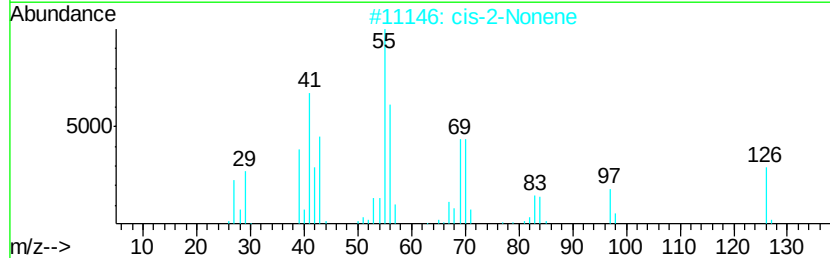
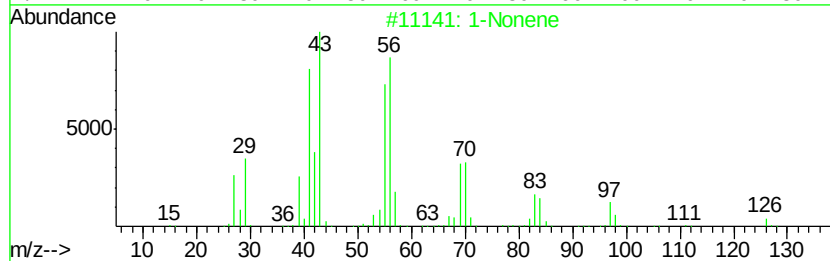
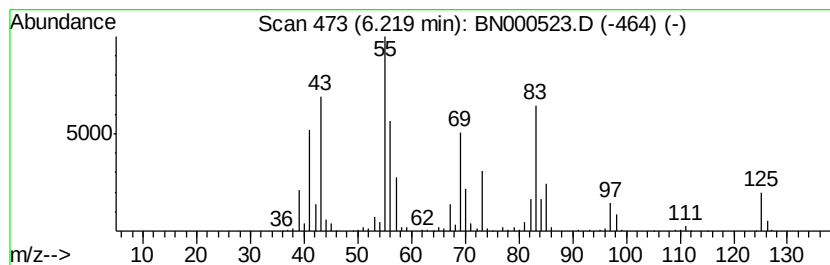
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic6.22 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	7.37 ng/ul	3828720	1,4-Dichlorobenzene-d4	8.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonene	126	C9H18	000124-11-8	43
2		cis-2-Nonene	126	C9H18	006434-77-1	41
3		Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	41
4		Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	38
5		cis-2-Nonene	126	C9H18	006434-77-1	38



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
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Acq On : 21 Mar 2018 17:01
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Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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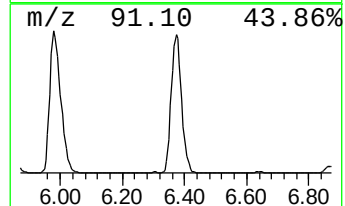
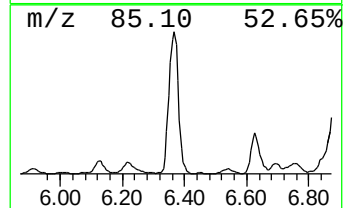
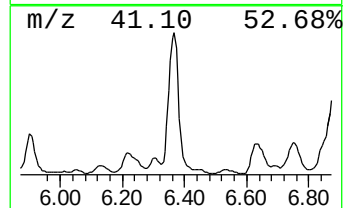
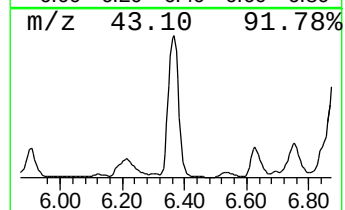
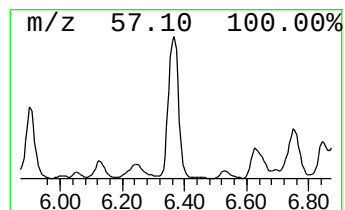
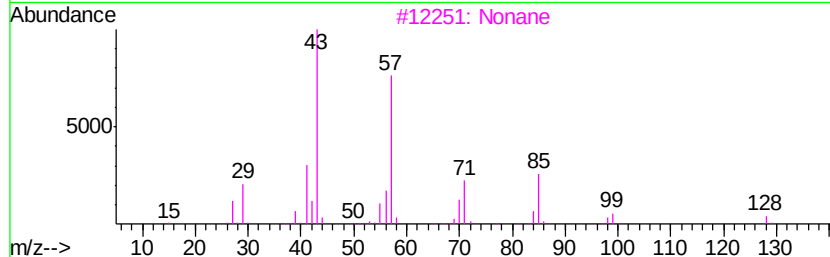
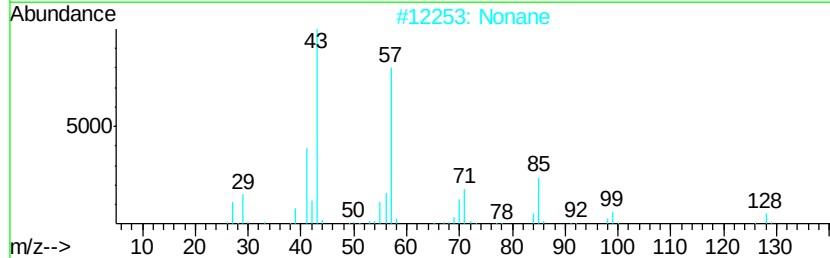
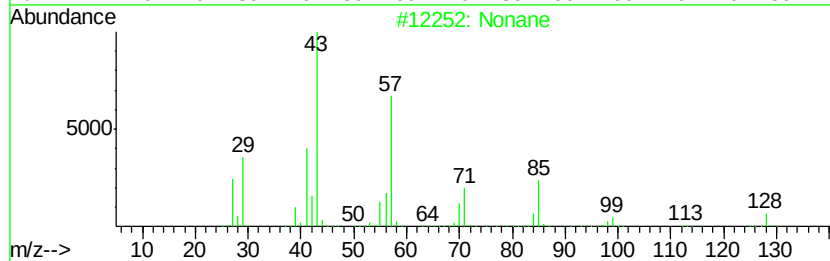
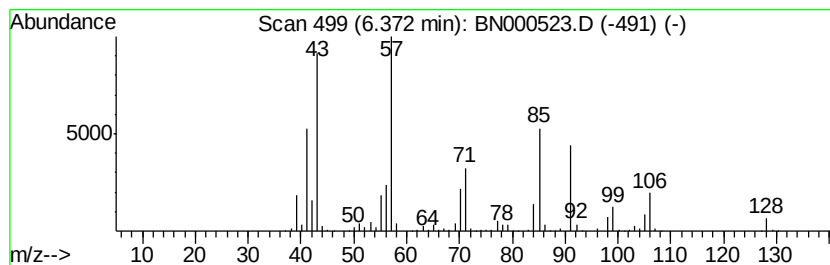
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	29.13 ng/ul	15121700	1,4-Dichlorobenzene-d4	8.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	93
2		Nonane	128	C9H20	000111-84-2	81
3		Nonane	128	C9H20	000111-84-2	81
4		4,4-Dimethylcyclooctene	138	C10H18	1000113-56-7	59
5		Octane	114	C8H18	000111-65-9	59



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
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ClientSampled :
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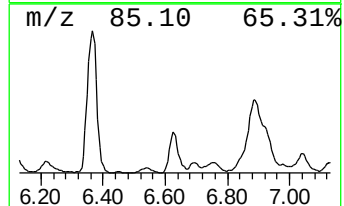
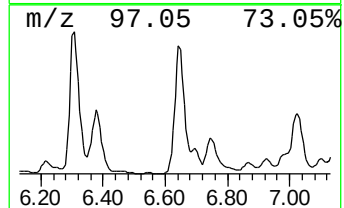
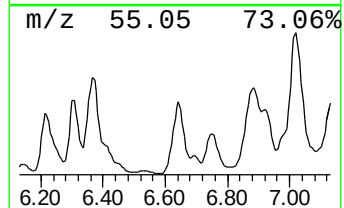
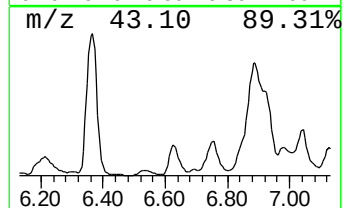
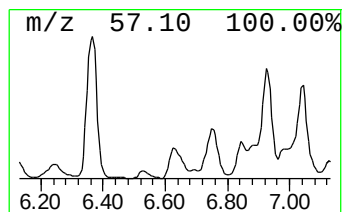
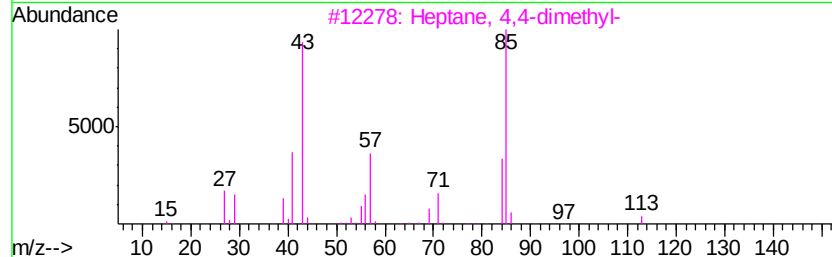
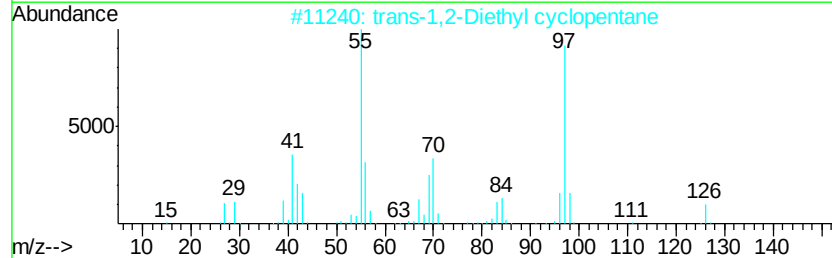
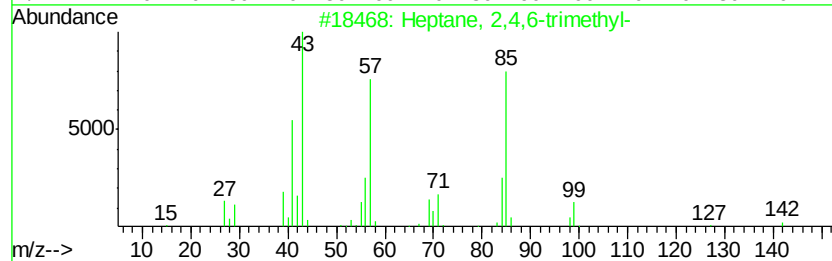
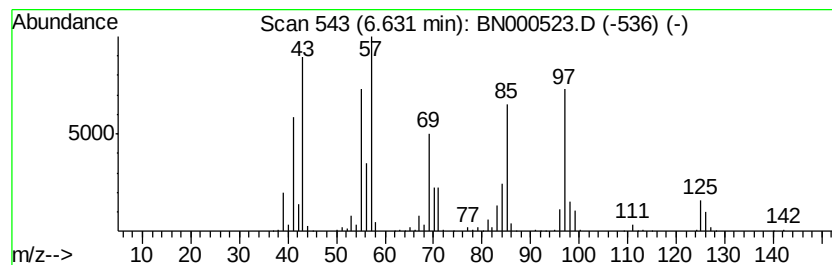
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	9.94 ng/ul	5158670	1,4-Dichlorobenzene-d4	8.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	43
2		trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	43
3		Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	27
4		4,4-Dimethyl octane	142	C10H22	015869-95-1	27
5		Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	27



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
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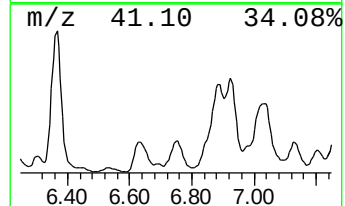
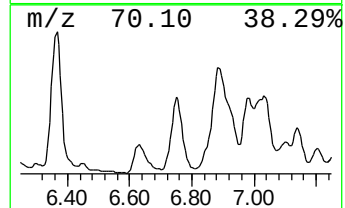
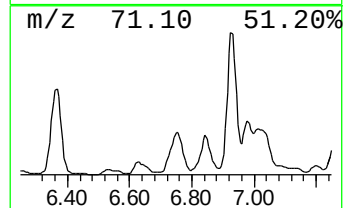
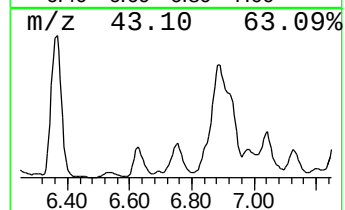
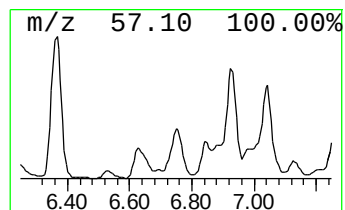
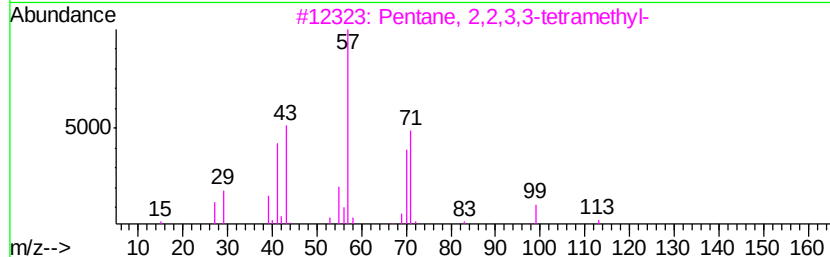
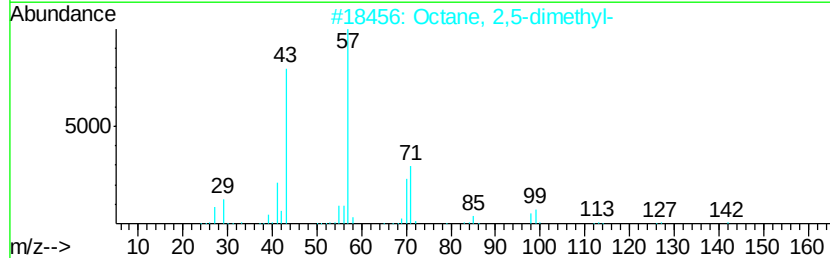
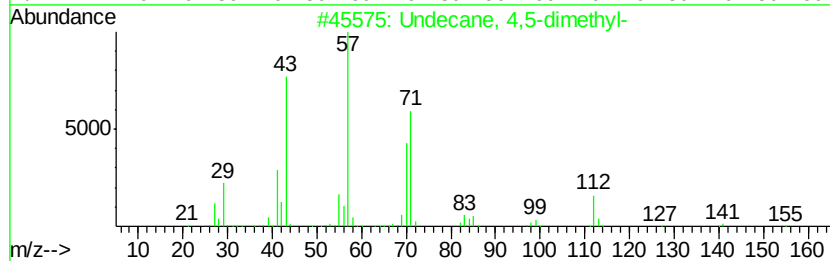
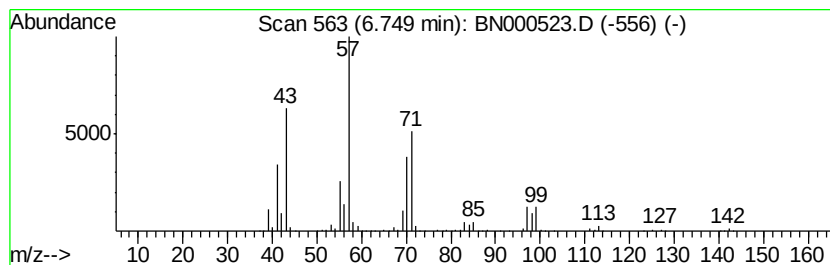
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	7.16 ng/ul	3716440	1,4-Dichlorobenzene-d4	8.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	64
2		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	52
3		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	50
4		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	49
5		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	47



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
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Acq On : 21 Mar 2018 17:01
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Misc :
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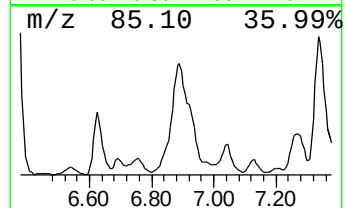
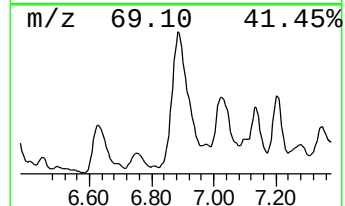
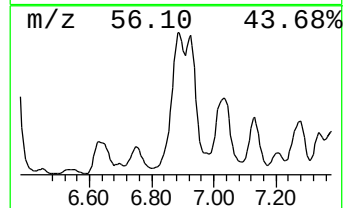
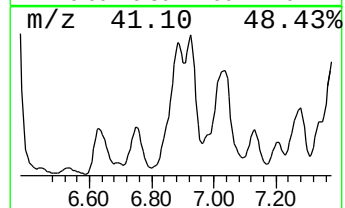
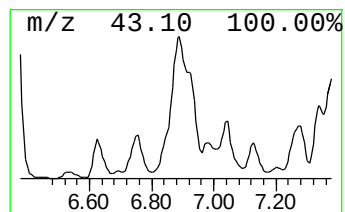
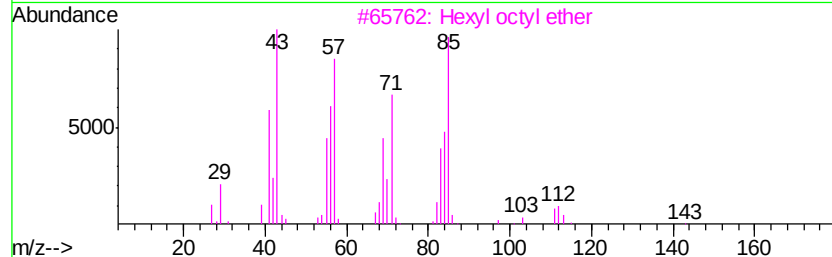
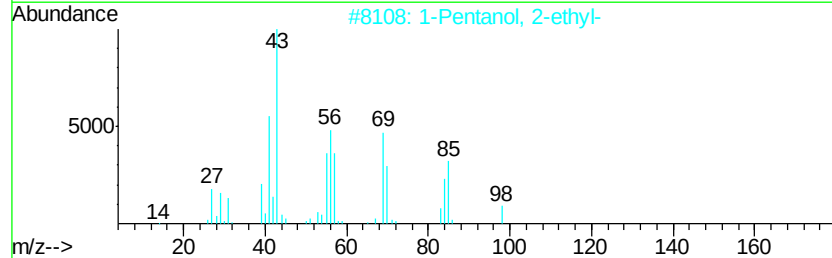
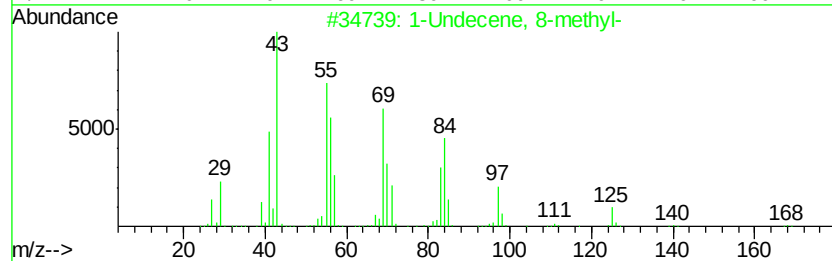
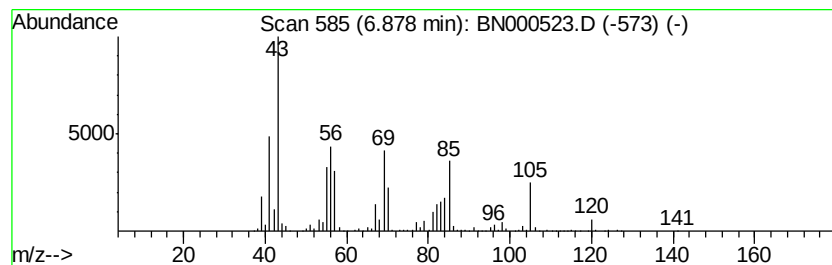
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Cyclic6.88 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	25.93 ng/ul	13463800	1,4-Dichlorobenzene-d4	8.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Undecene, 8-methyl-	168	C12H24	074630-40-3	50
2		1-Pentanol, 2-ethyl-	116	C7H16O	027522-11-8	45
3		Hexyl octyl ether	214	C14H30O	017071-54-4	40
4		Hexane, 1-propoxy-	144	C9H20O	053685-78-2	38
5		1-Decanol	158	C10H22O	000112-30-1	38



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
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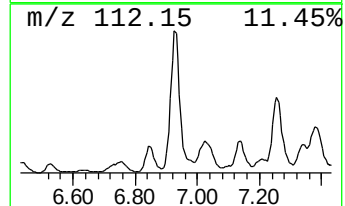
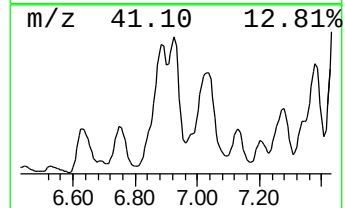
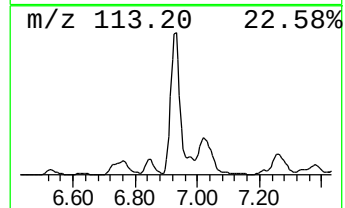
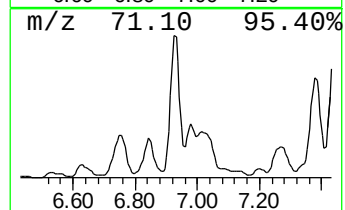
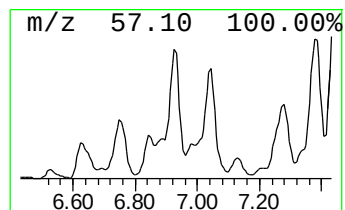
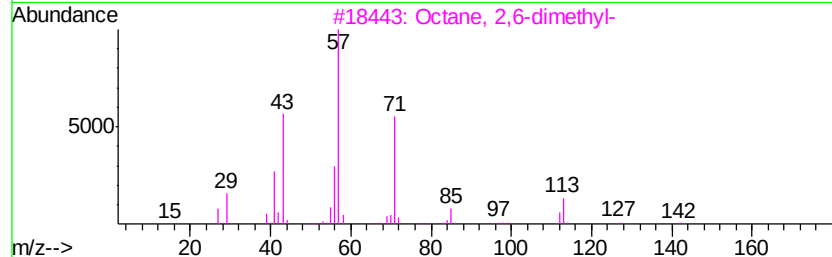
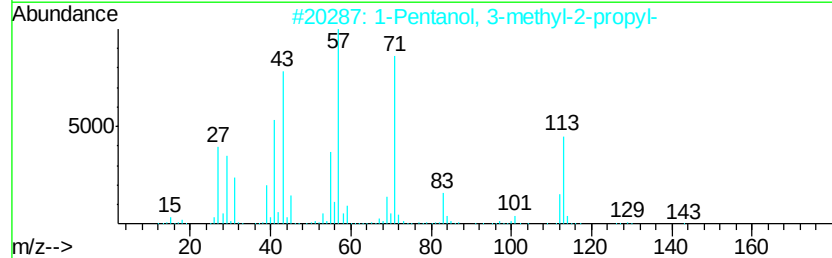
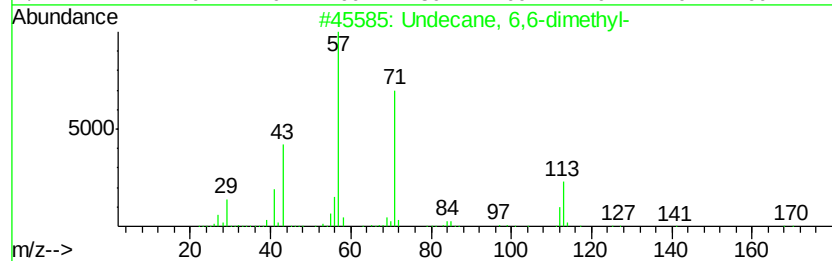
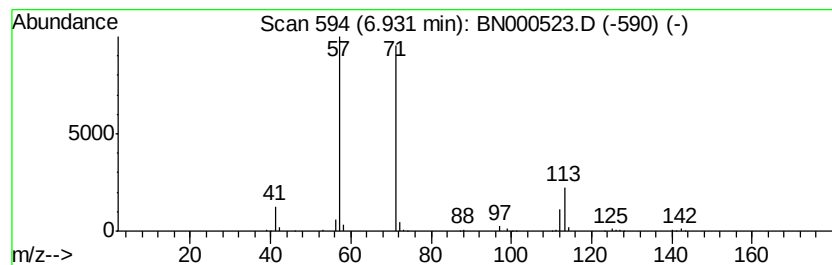
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	10.89 ng/ul	5654690	1,4-Dichlorobenzene-d4	8.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	74
2		1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	74
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	64
5		Octane, 2-bromo-	192	C8H17Br	000557-35-7	64



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampled :
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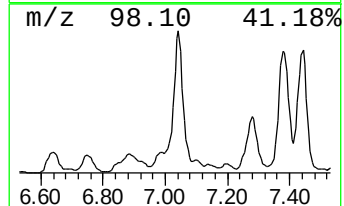
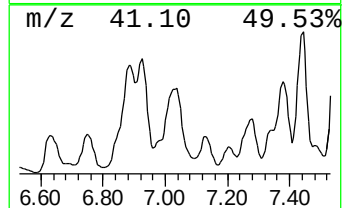
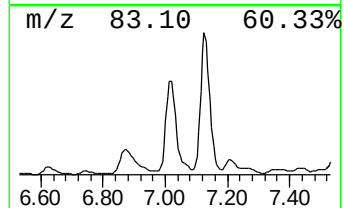
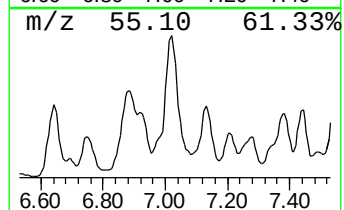
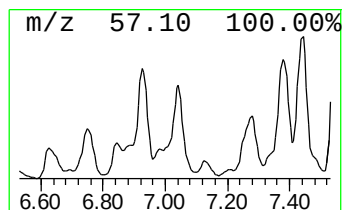
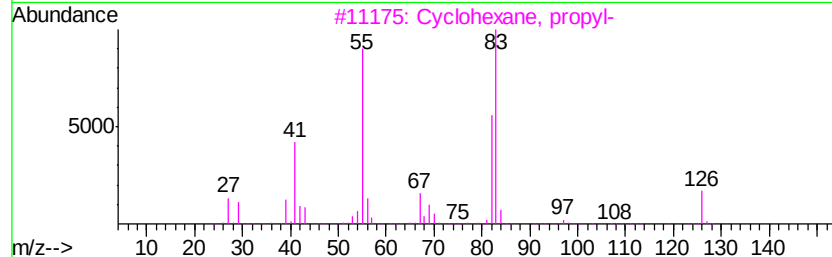
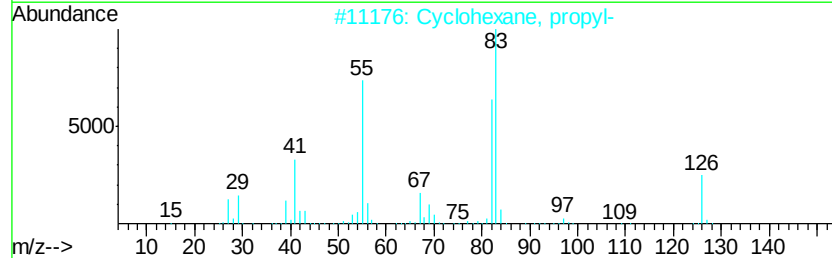
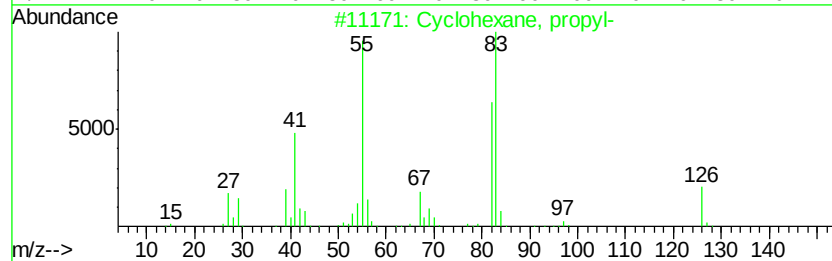
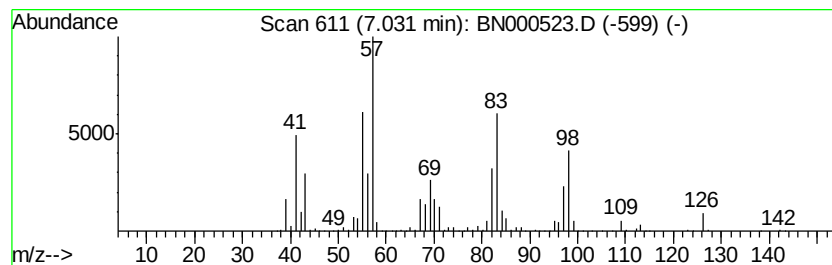
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Cyclic7.03 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	21.59 ng/ul	11209700	1,4-Dichlorobenzene-d4	8.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	50
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	49
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	49
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	49
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	49



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
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Sample : J1905-07
Misc :
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ClientSampleId :
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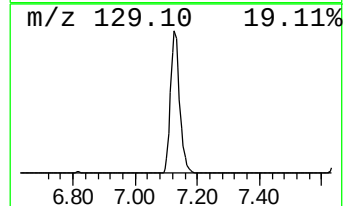
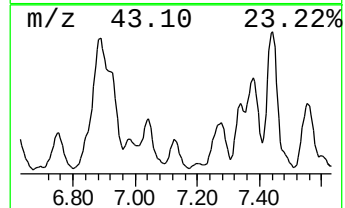
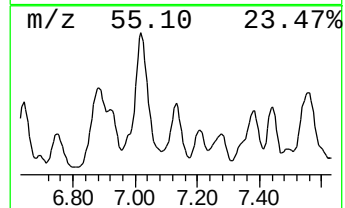
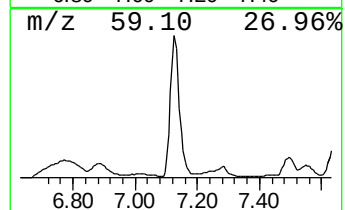
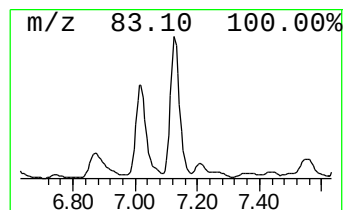
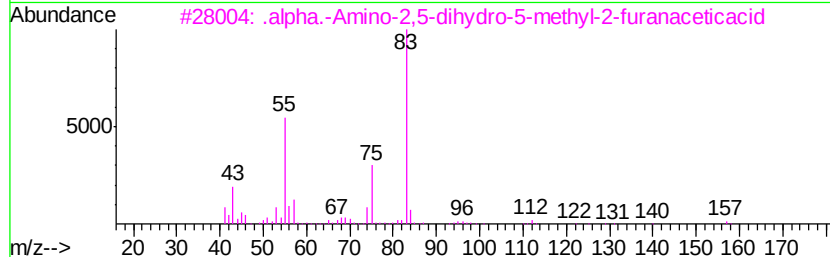
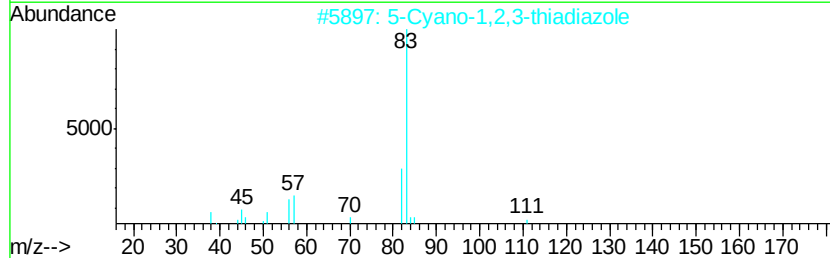
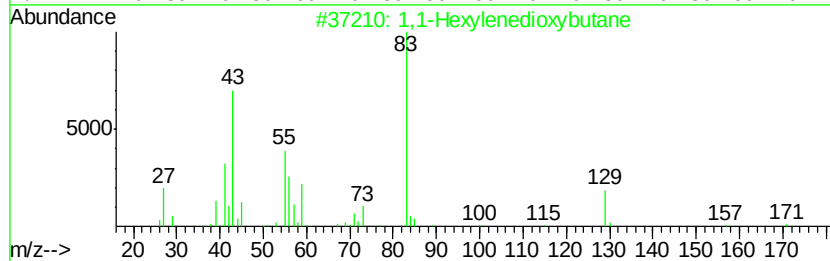
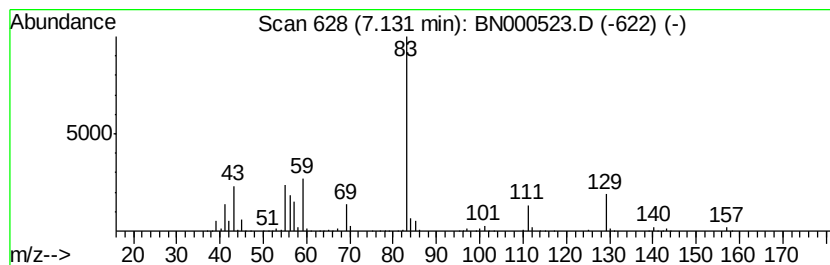
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 1,1-Hexylenedioxybutane Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	8.86 ng/ul	4601650	1,4-Dichlorobenzene-d4	8.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	59
2			5-Cyano-1,2,3-thiadiazole	111	C3HN3S	057352-02-0	50
3			.alpha.-Amino-2,5-dihydro-5-meth...	157	C7H11NO3	018455-25-9	47
4			2-Pentene, 5-bromo-2,3-dimethyl-	176	C7H13Br	056312-52-8	40
5			Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	37



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
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Sample : J1905-07
Misc :
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Instrument :
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ClientSampled :
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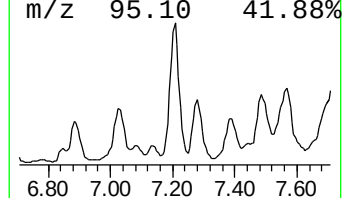
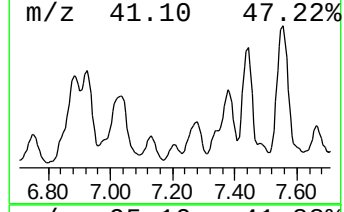
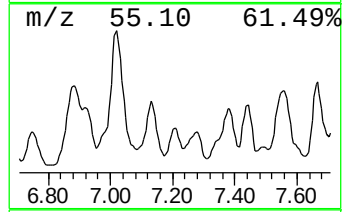
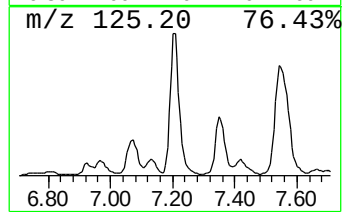
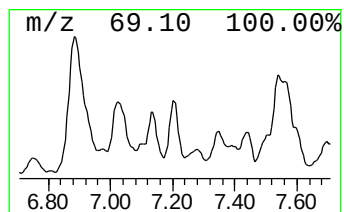
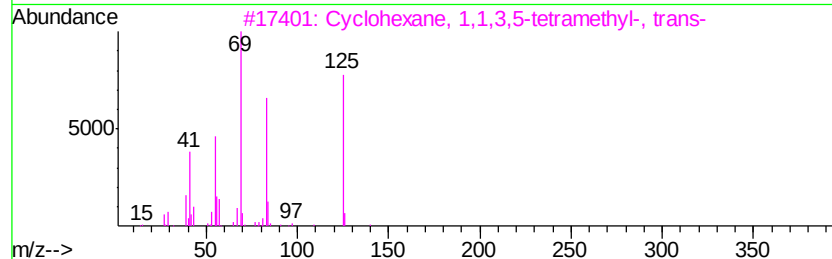
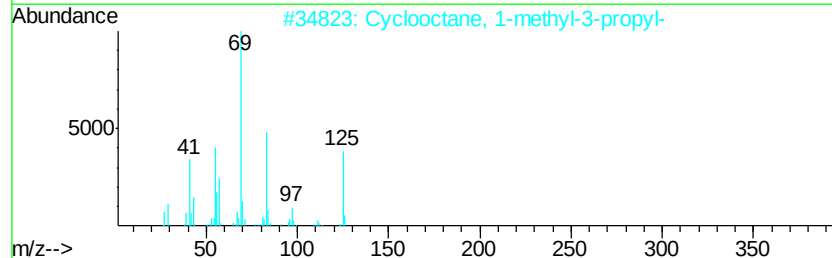
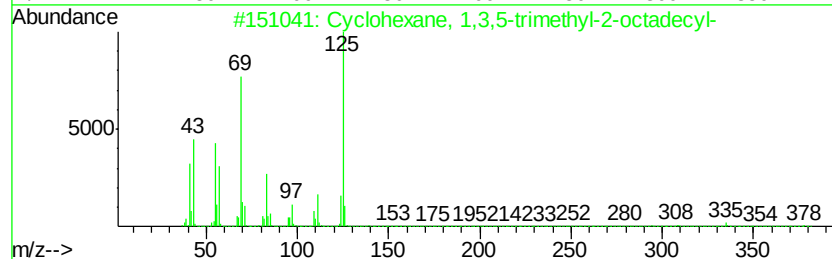
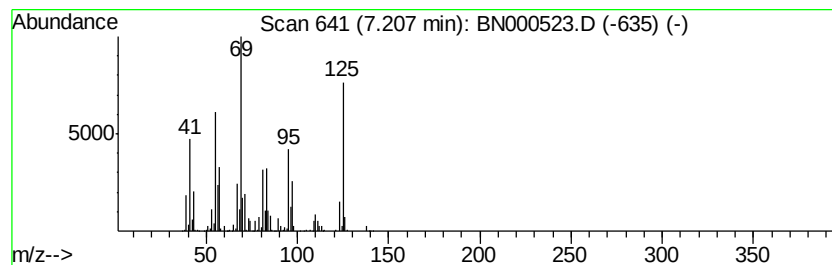
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Cyclic7.21 Concentration Rank 77

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	4.03 ng/ul	2091000	1,4-Dichlorobenzene-d4	8.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	59
2		Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	53
3		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	50
4		Cyclopentaneethanol, .beta.,2,3-...	156	C10H20O	021721-18-6	47
5		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	27



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

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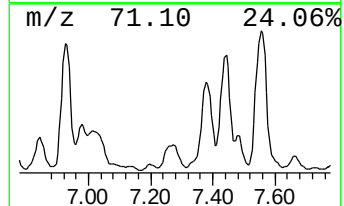
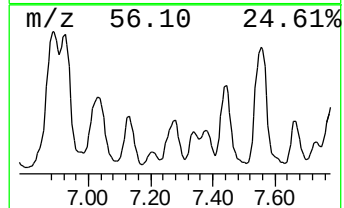
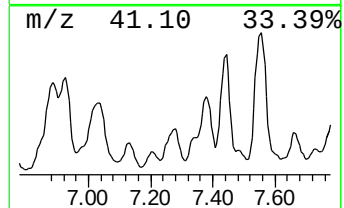
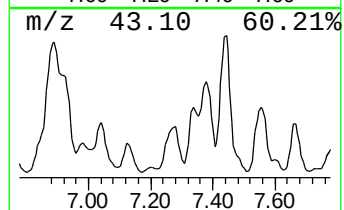
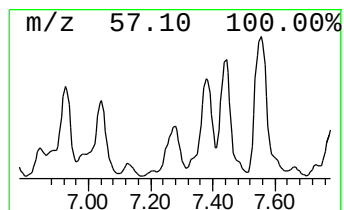
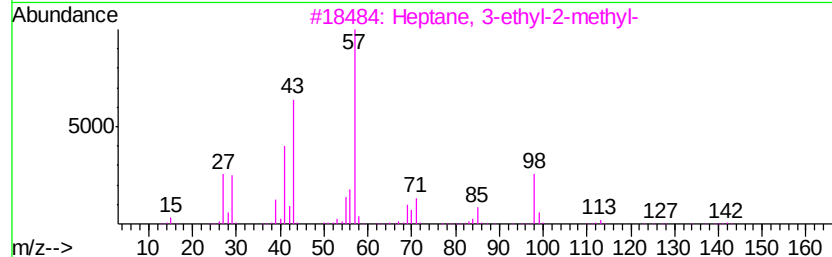
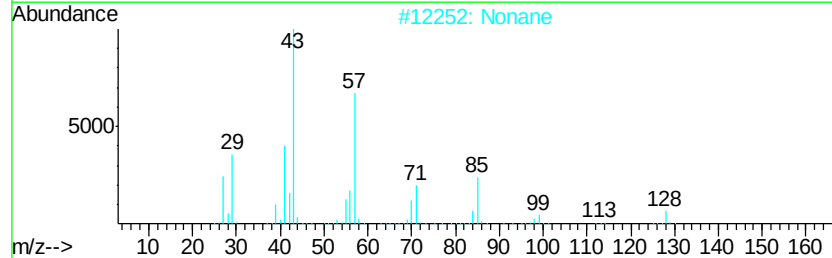
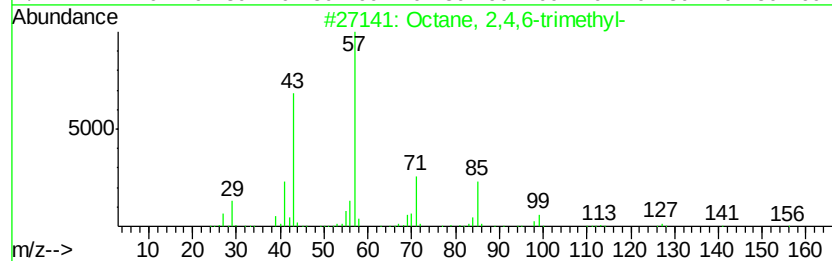
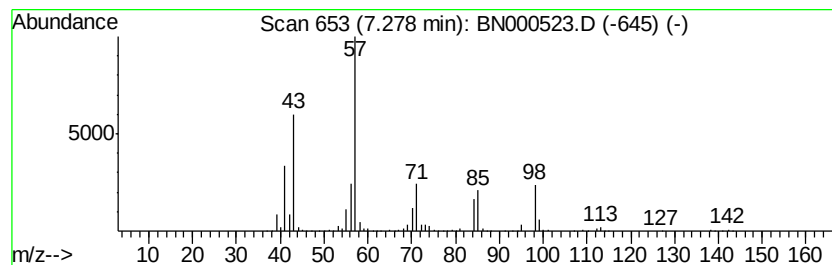
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	7.61 ng/ul	3952750	1,4-Dichlorobenzene-d4	8.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50
2			Nonane	128	C9H20	000111-84-2	50
3			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	49
4			Nonane	128	C9H20	000111-84-2	47
5			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
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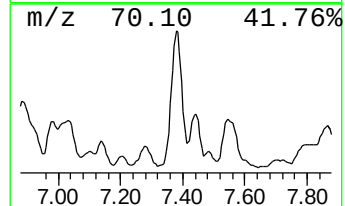
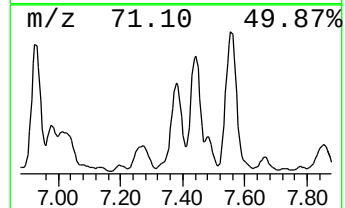
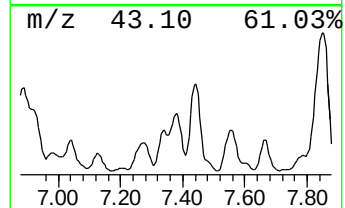
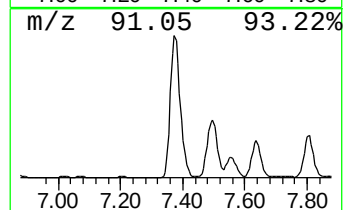
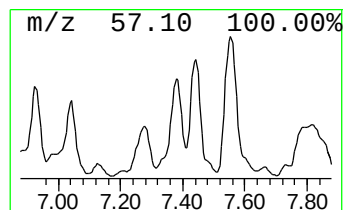
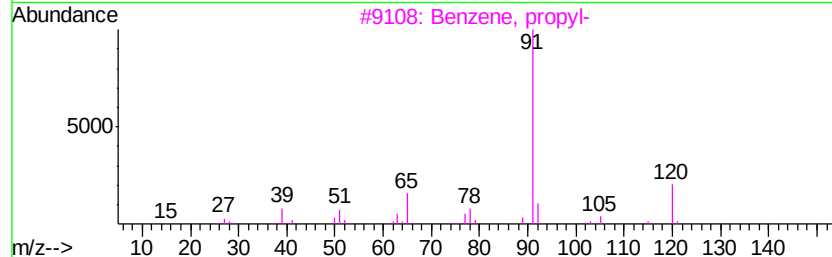
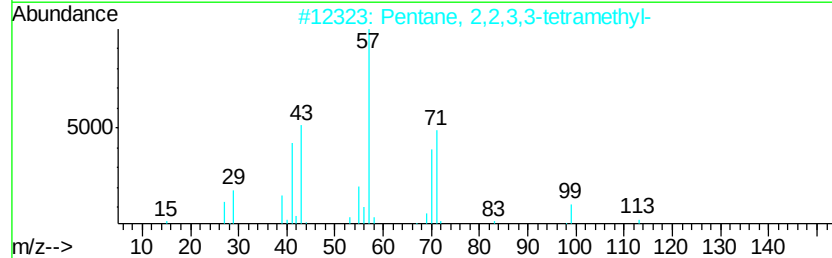
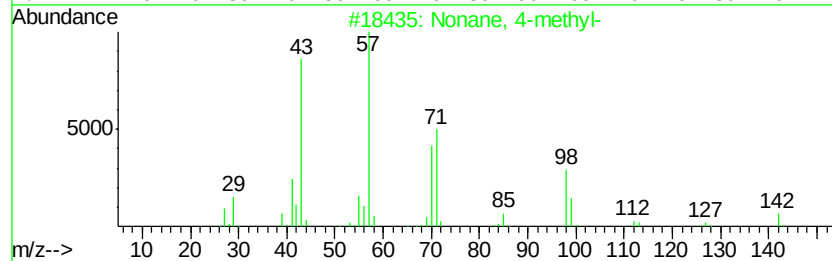
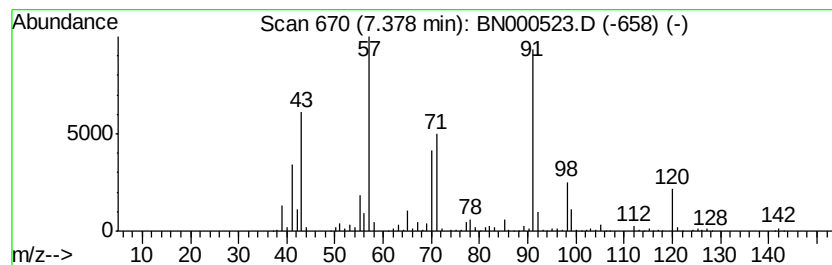
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	25.73 ng/ul	13361200	1,4-Dichlorobenzene-d4	8.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4-methyl-	142	C10H22	017301-94-9	53
2		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	43
3		Benzene, propyl-	120	C9H12	000103-65-1	35
4		Benzene, propyl-	120	C9H12	000103-65-1	35
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	30



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
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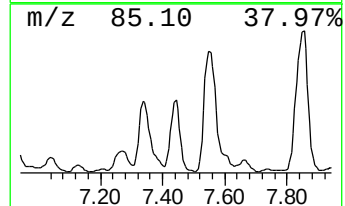
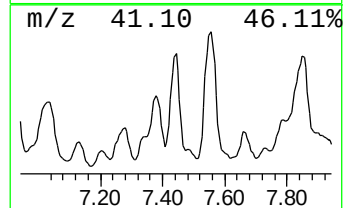
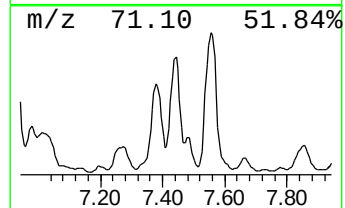
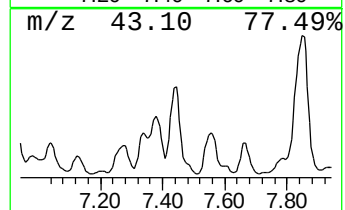
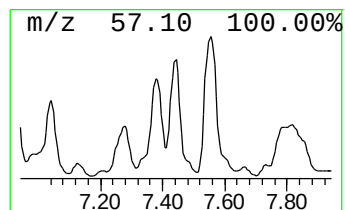
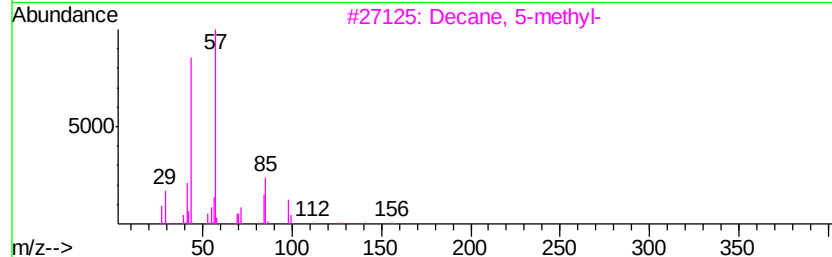
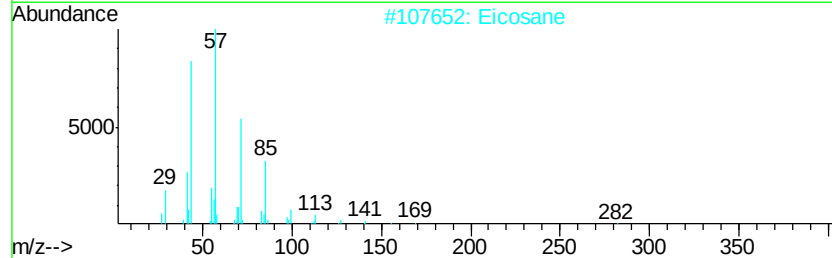
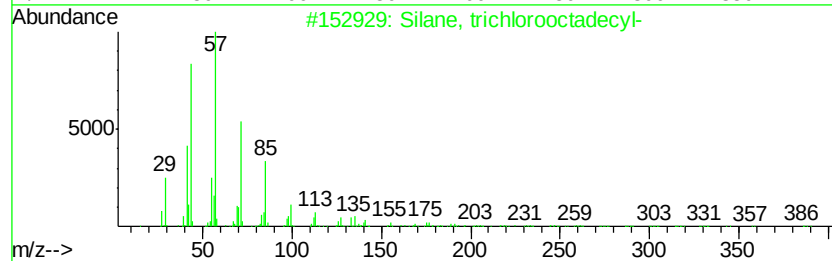
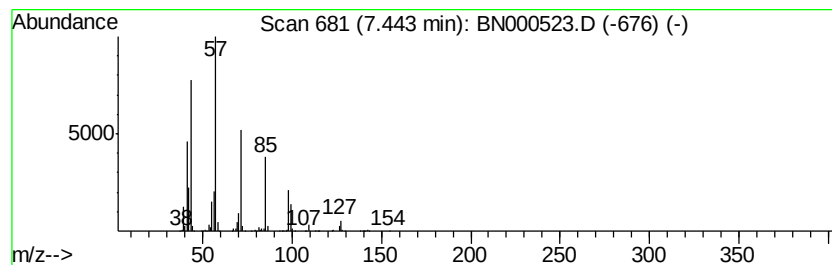
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Silane, trichlorooctadecyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	13.03 ng/ul	6763910	1,4-Dichlorobenzene-d4	8.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72
2		Eicosane	282	C20H42	000112-95-8	59
3		Decane, 5-methyl-	156	C11H24	013151-35-4	53
4		Tridecane	184	C13H28	000629-50-5	53
5		Nonane, 2-methyl-	142	C10H22	000871-83-0	52



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
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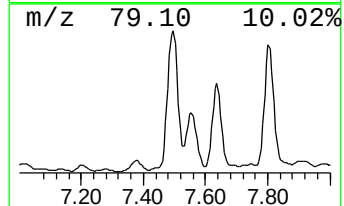
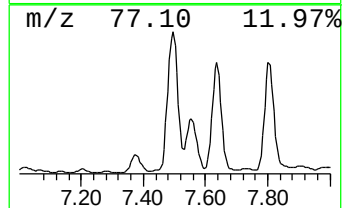
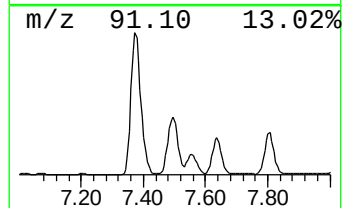
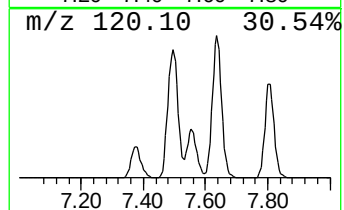
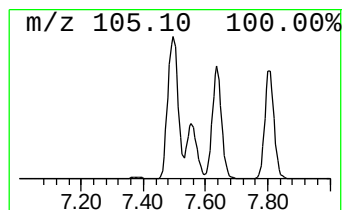
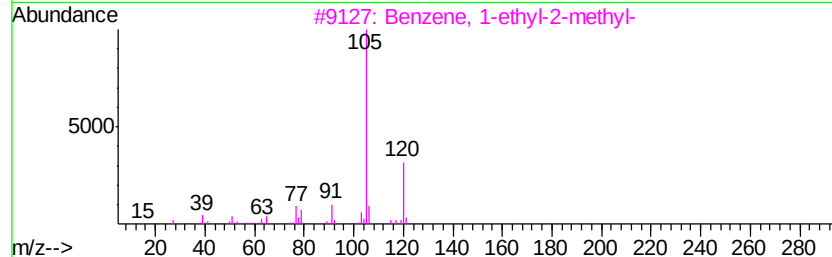
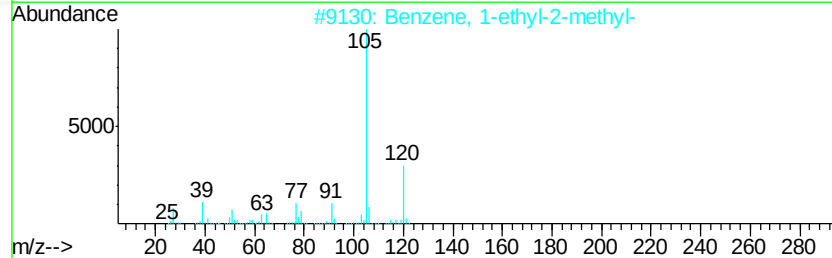
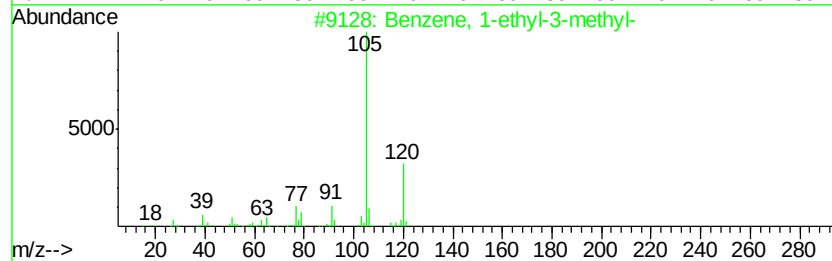
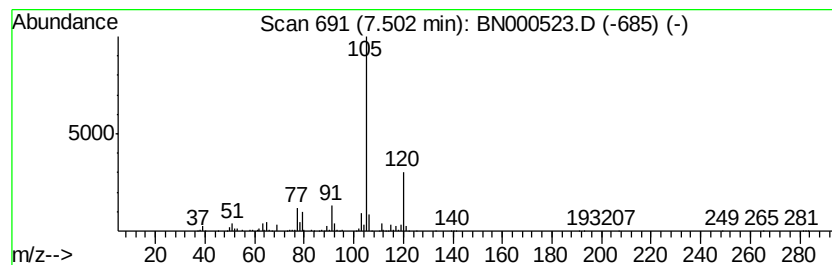
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Benzene, 1-ethyl-3-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	15.71 ng/ul	8158450	1,4-Dichlorobenzene-d4	8.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-ethyl-3-methyl-	120 C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3	93
4	Benzene, 1-ethyl-3-methyl-	120 C9H12	000620-14-4	93
5	Benzene, 1,3,5-trimethyl-	120 C9H12	000108-67-8	91



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
DAM42

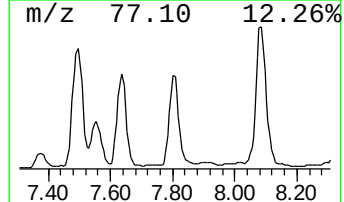
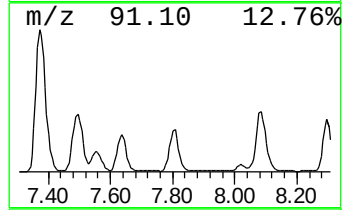
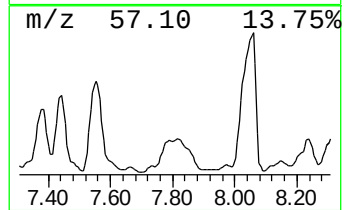
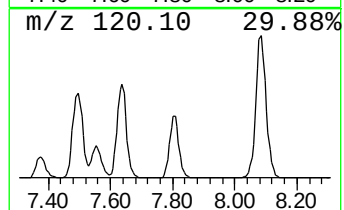
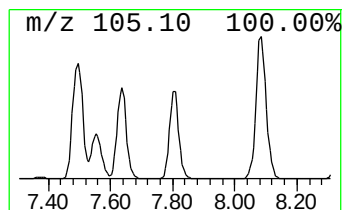
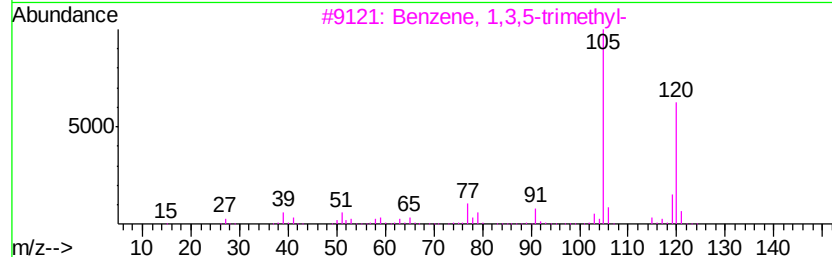
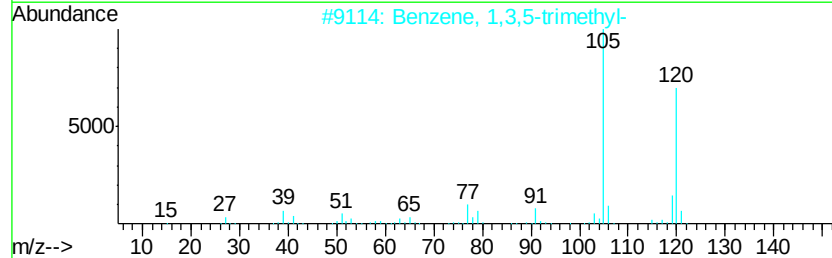
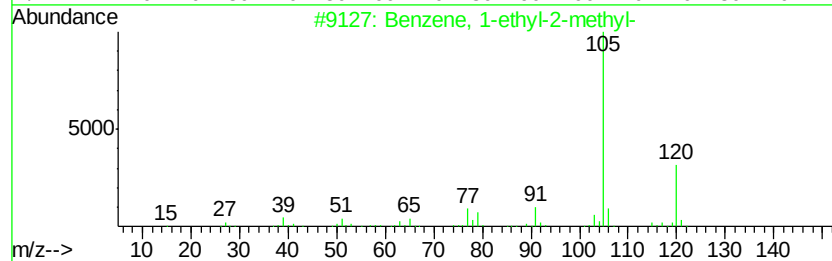
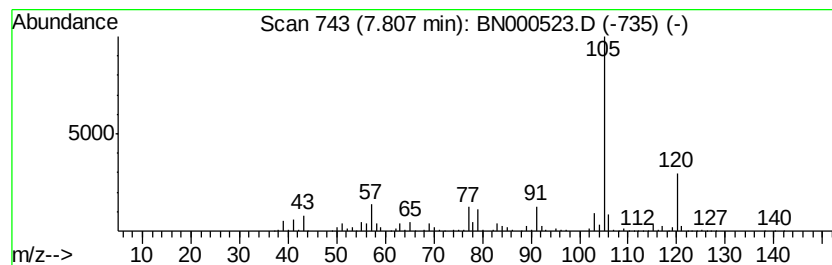
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Benzene, 1-ethyl-2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	24.38 ng/ul	12657400	1,4-Dichlorobenzene-d4	8.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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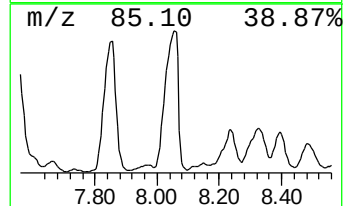
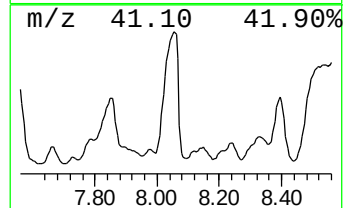
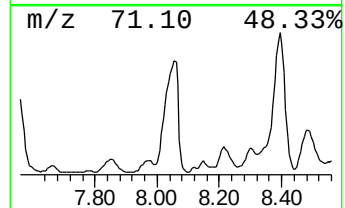
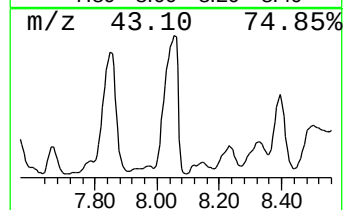
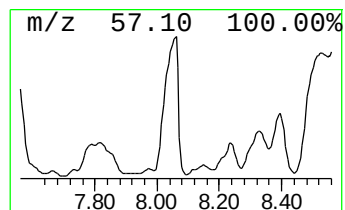
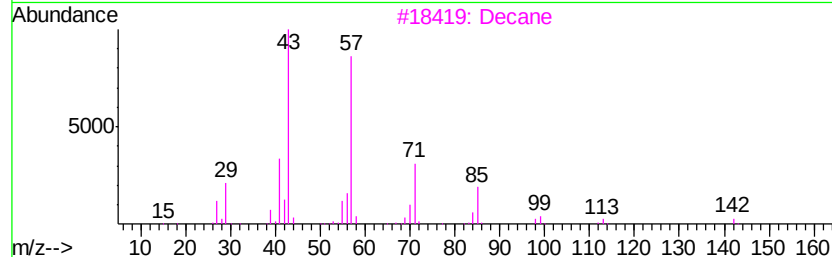
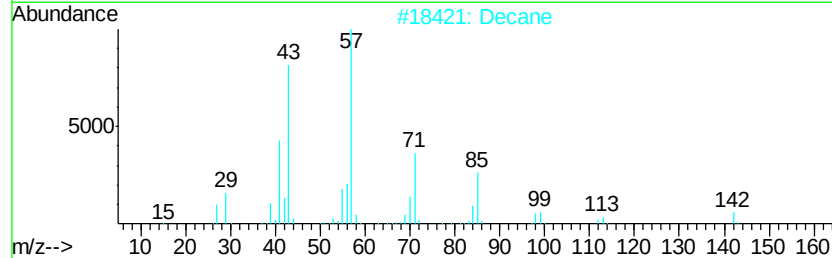
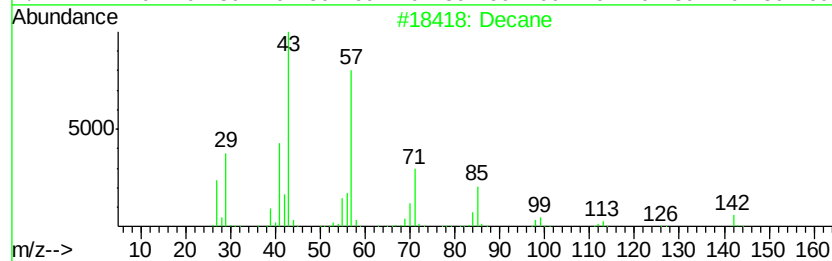
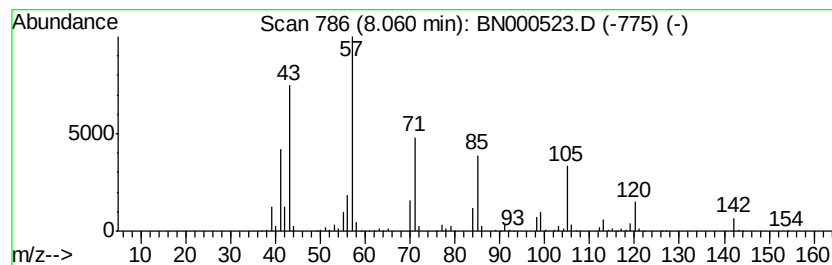
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	68.01 ng/ul	35307300	1,4-Dichlorobenzene-d4	8.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	93
2		Decane	142	C10H22	000124-18-5	91
3		Decane	142	C10H22	000124-18-5	76
4		Decane	142	C10H22	000124-18-5	64
5		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	59



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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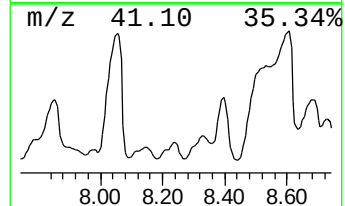
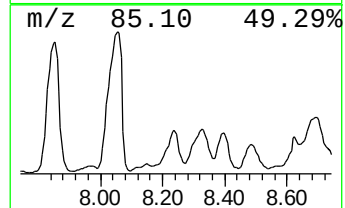
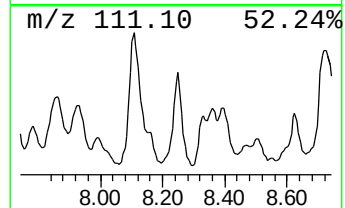
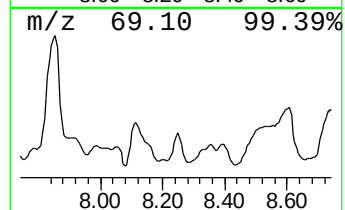
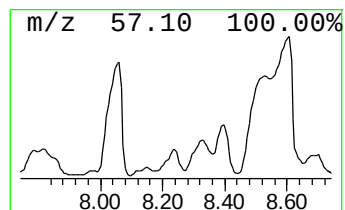
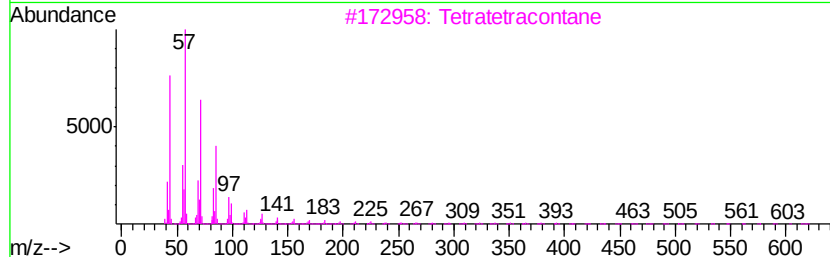
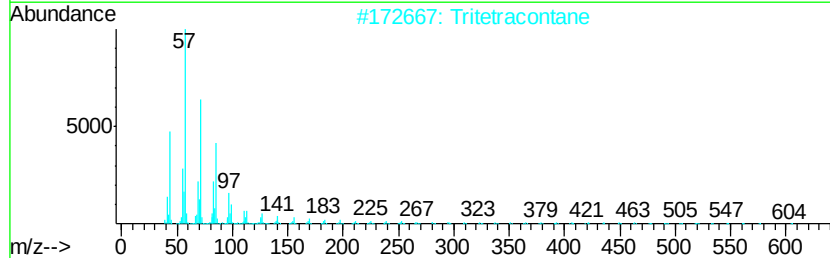
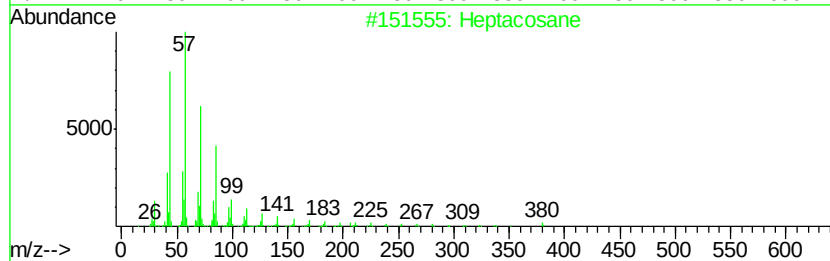
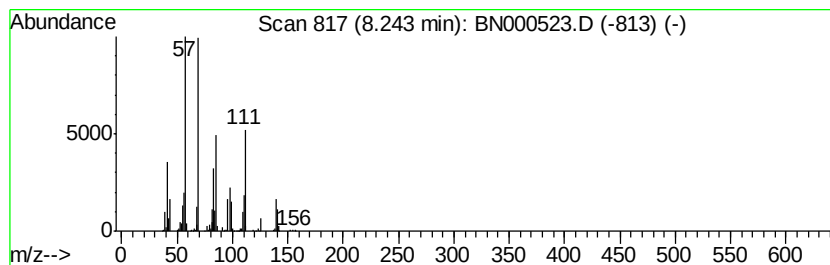
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	4.63 ng/ul	2404470	1,4-Dichlorobenzene-d4	8.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	42
2		Tritetracontane	605	C43H88	007098-21-7	42
3		Tetratetracontane	619	C44H90	007098-22-8	42
4		1-Bromodocosane	388	C22H45Br	006938-66-5	40
5		Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	38



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampled :
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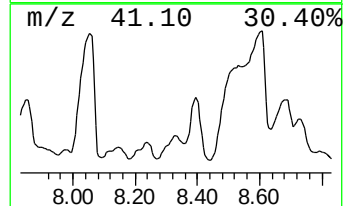
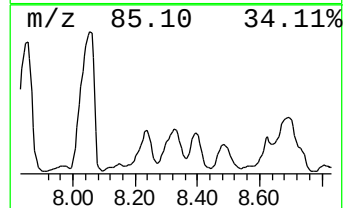
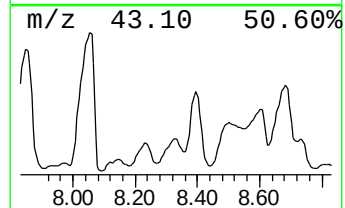
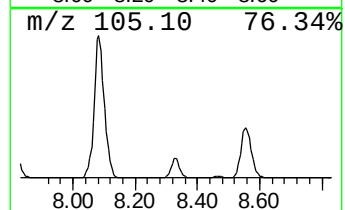
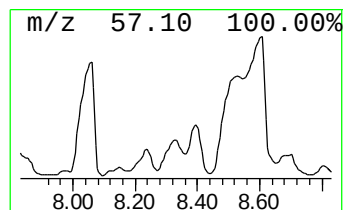
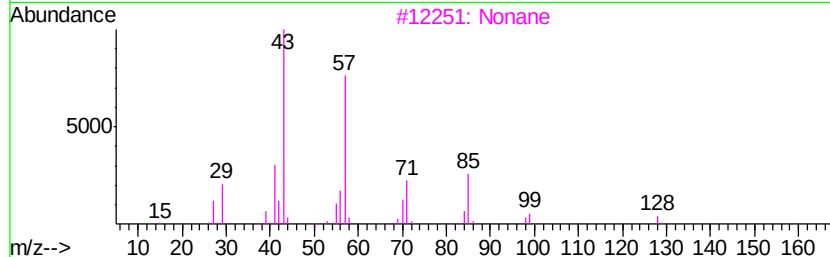
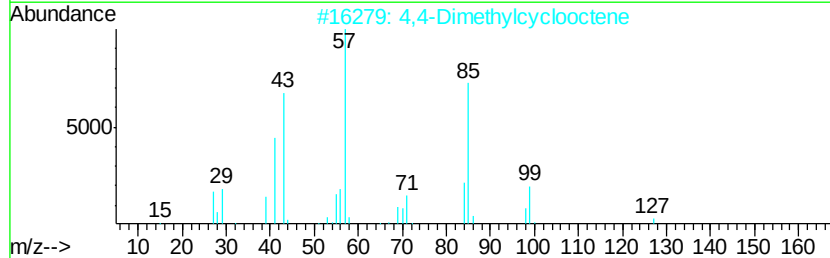
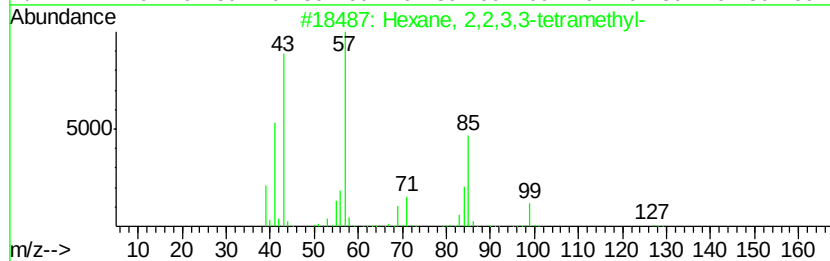
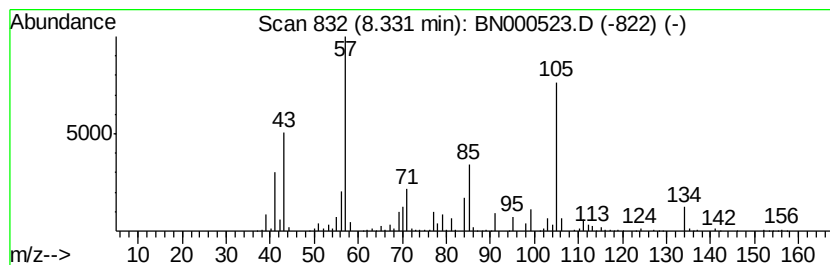
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	16.53 ng/ul	8581410	1,4-Dichlorobenzene-d4	8.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	46
2		4,4-Dimethylcyclooctene	138	C10H18	1000113-56-7	43
3		Nonane	128	C9H20	000111-84-2	38
4		Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	38
5		Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	35



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

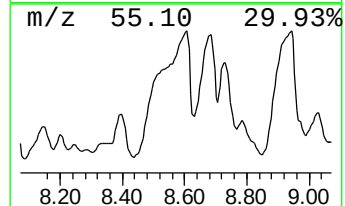
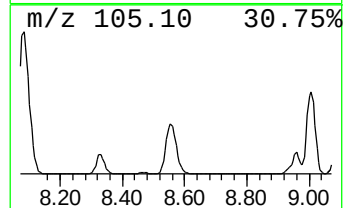
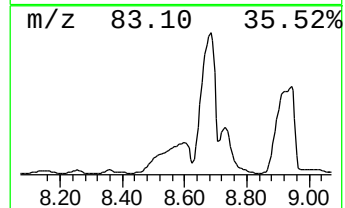
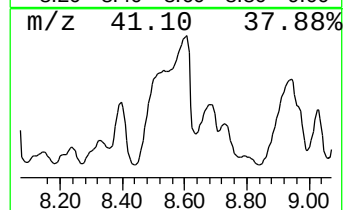
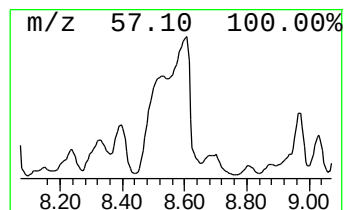
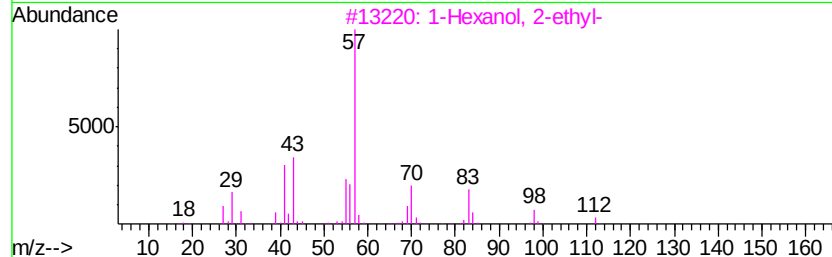
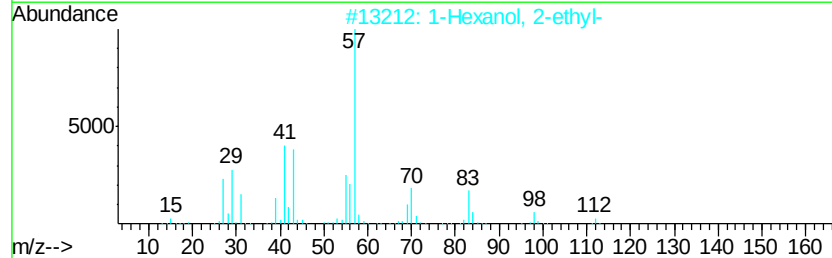
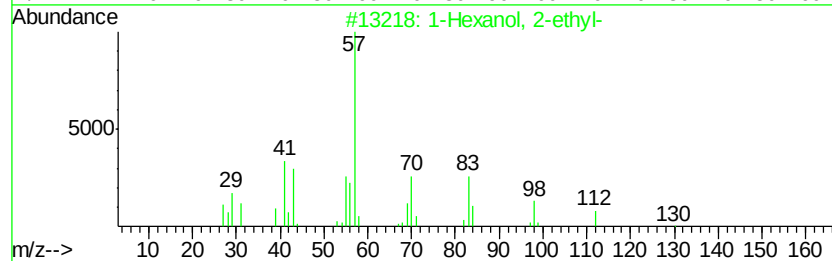
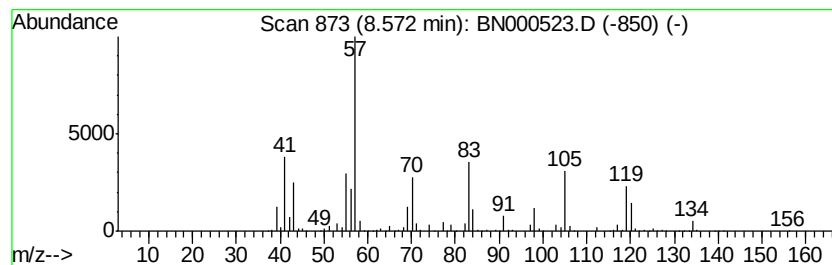
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	94.97 ng/ul	49304700	1,4-Dichlorobenzene-d4	8.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Hexanol, 2-ethyl-	130 C8H18O	000104-76-7	50
2	1-Hexanol, 2-ethyl-	130 C8H18O	000104-76-7	47
3	1-Hexanol, 2-ethyl-	130 C8H18O	000104-76-7	47
4	1-Hexanol, 2-ethyl-	130 C8H18O	000104-76-7	37
5	Heptane, 1,1'-oxybis-	214 C14H30O	000629-64-1	35



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
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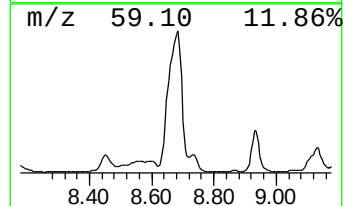
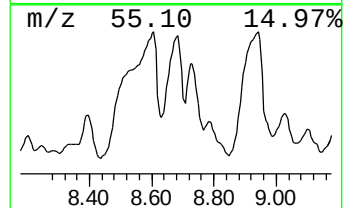
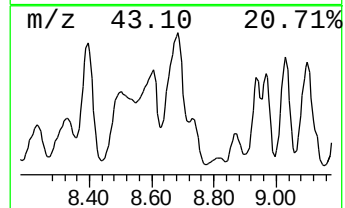
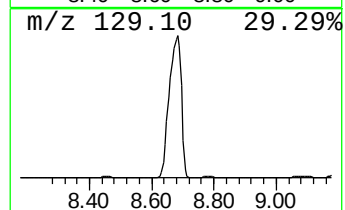
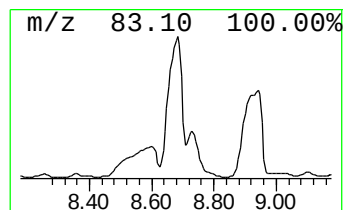
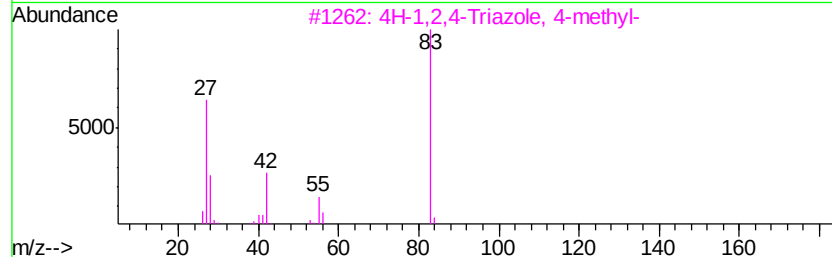
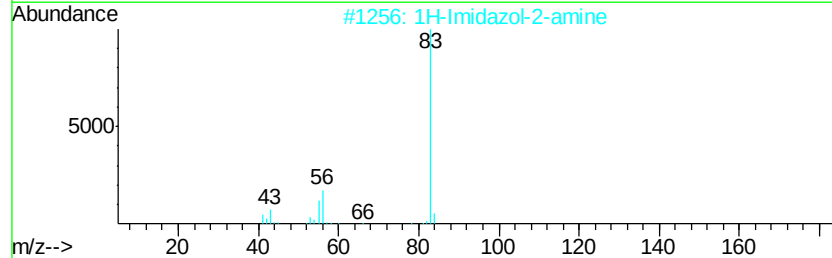
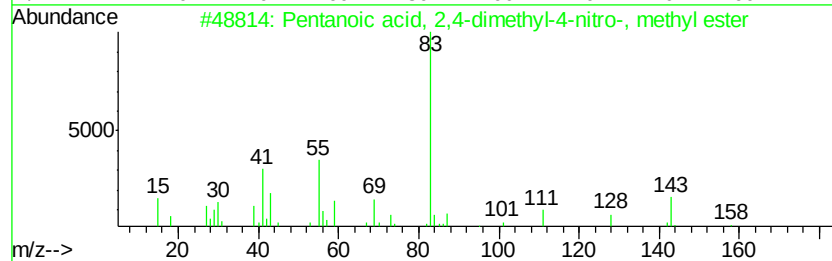
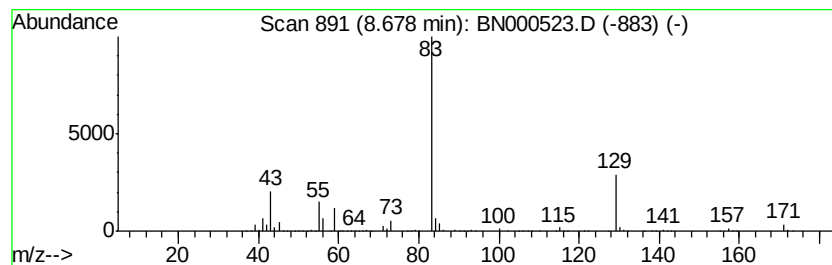
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.68	33.83 ng/ul	17562300	1,4-Dichlorobenzene-d4	8.44	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 2,4-dimethyl-4-n...	189	C8H15NO4	005762-40-3	36
2	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	28
3	4H-1,2,4-Triazole, 4-methyl-	83	C3H5N3	010570-40-8	28
4	.alpha.-Amino-2,5-dihydro-5-meth...	157	C7H11NO3	018455-25-9	28
5	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	10



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
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ClientSampleId :
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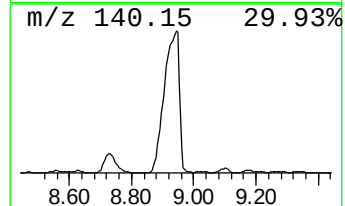
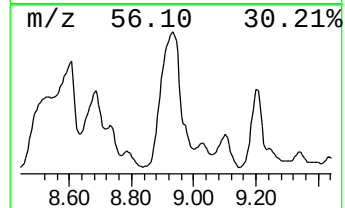
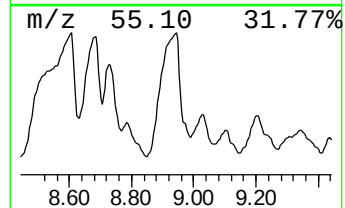
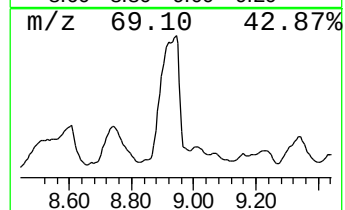
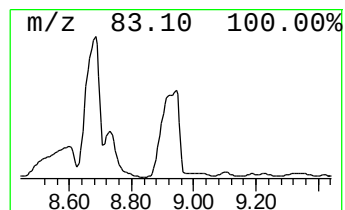
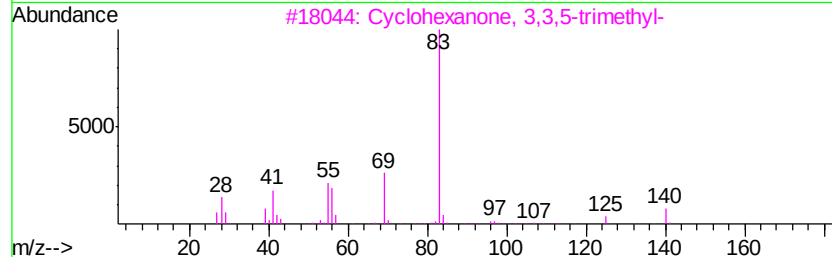
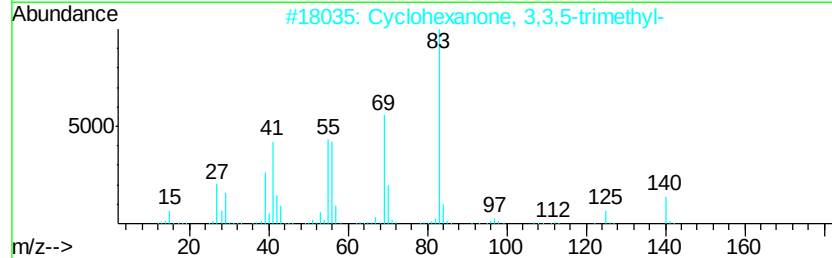
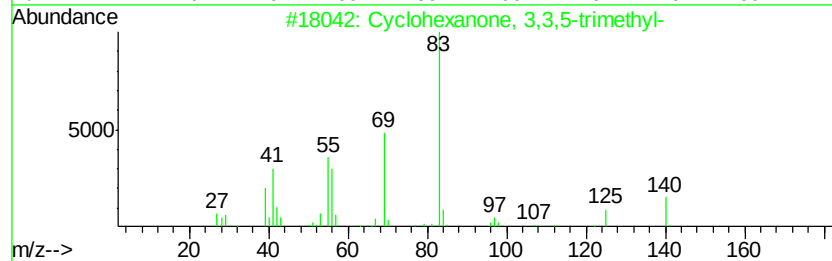
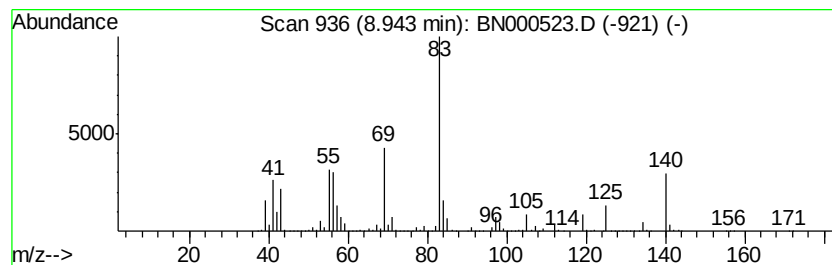
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Cyclohexanone, 3,3,5-trimet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	75.66 ng/ul	39279200	1,4-Dichlorobenzene-d4	8.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	93
2		Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	86
3		Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	80
4		Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	80
5		1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	64



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM42

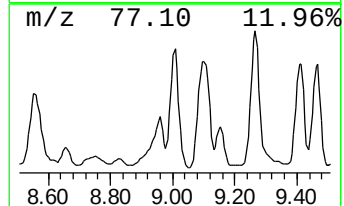
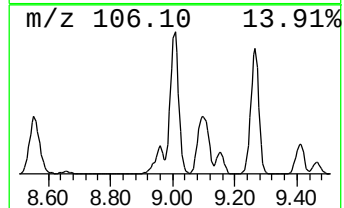
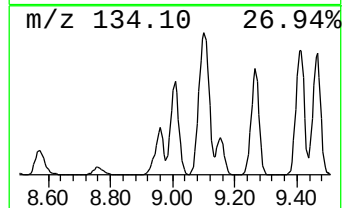
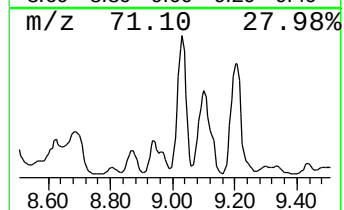
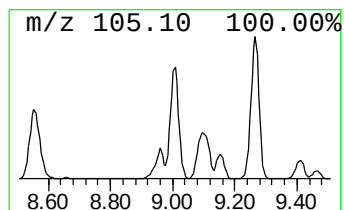
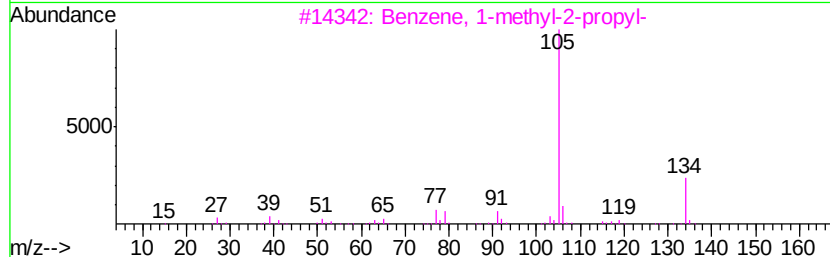
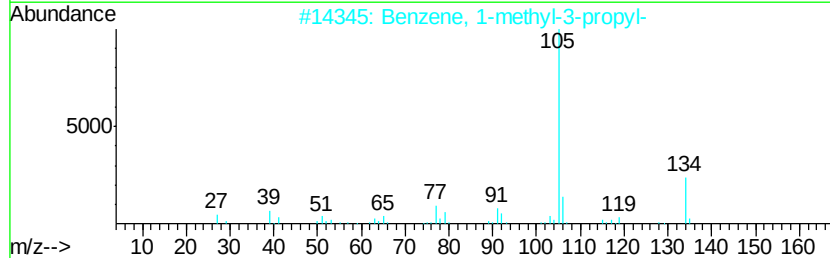
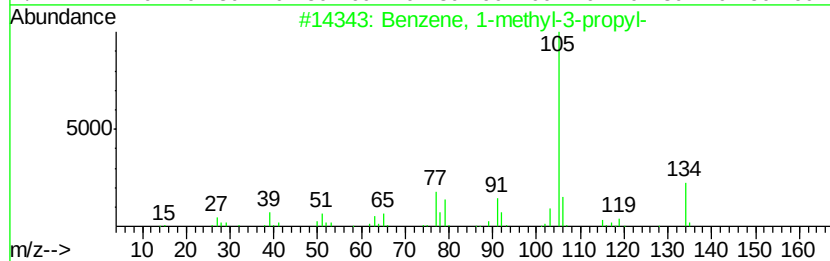
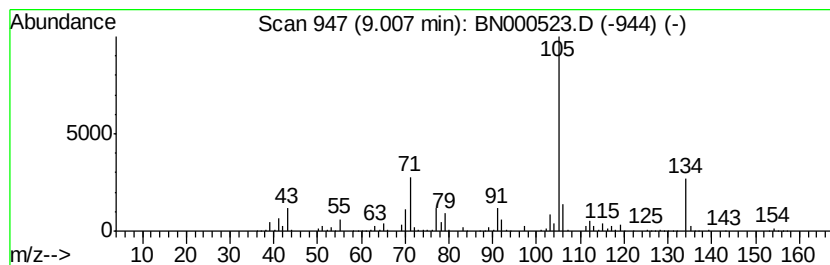
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 unknown-02 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	26.56 ng/ul	13787700	1,4-Dichlorobenzene-d4	8.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	49
2		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	46
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	46
4		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	46
5		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	46



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
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ClientSampleId :
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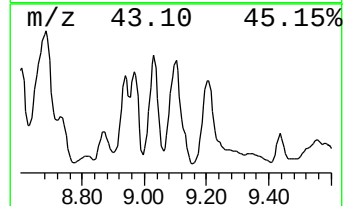
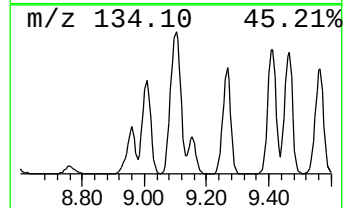
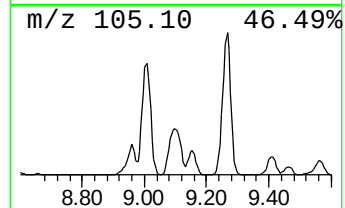
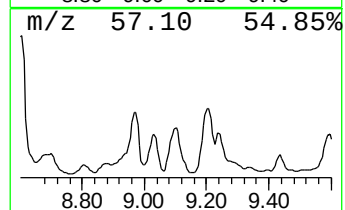
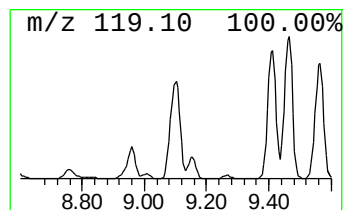
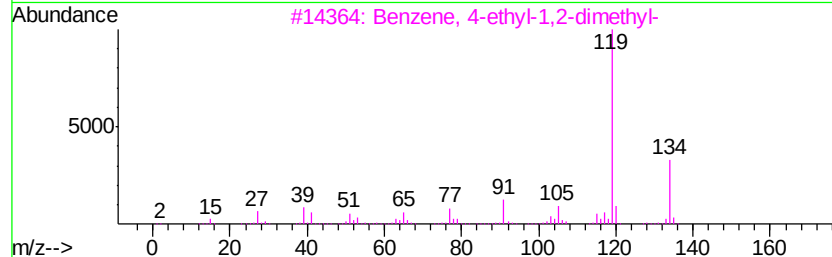
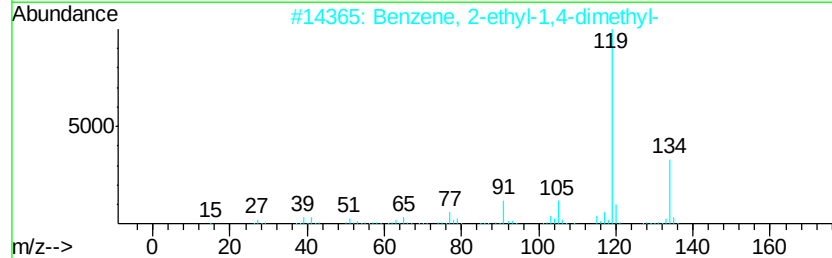
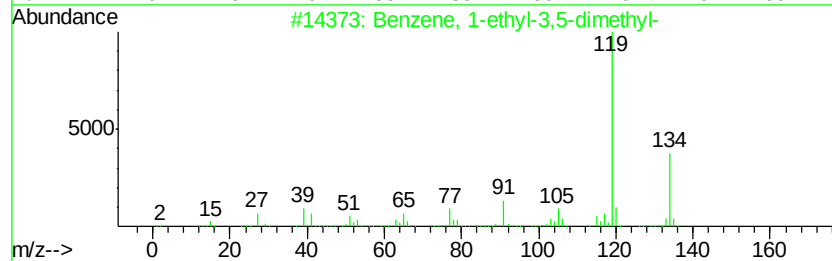
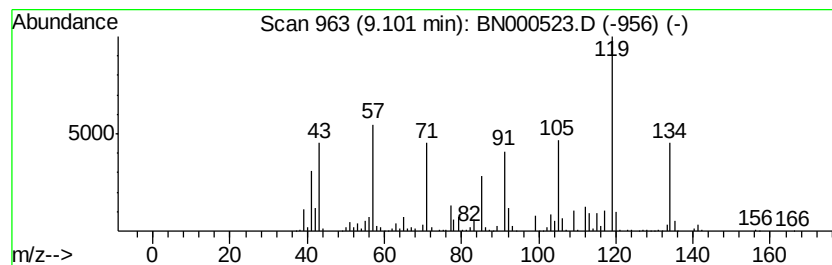
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	41.15 ng/ul	21362000	1,4-Dichlorobenzene-d4	8.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	60



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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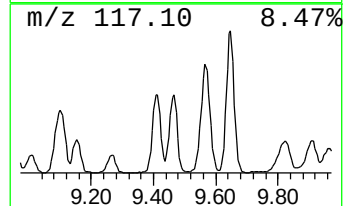
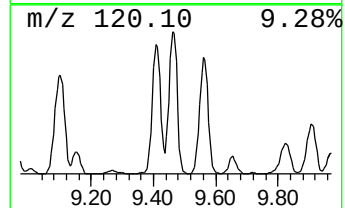
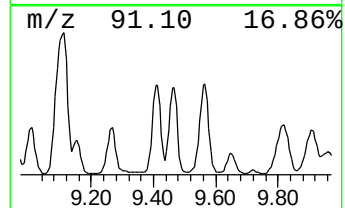
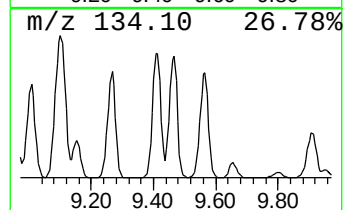
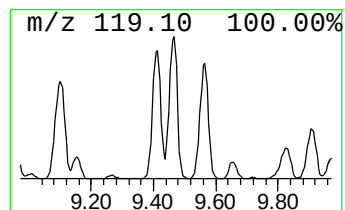
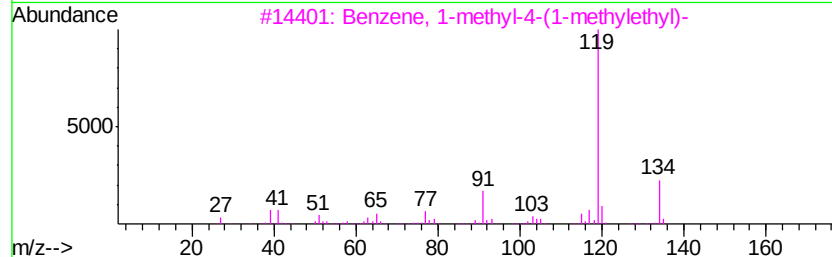
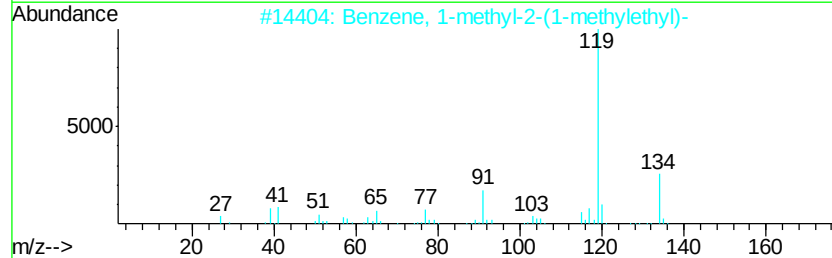
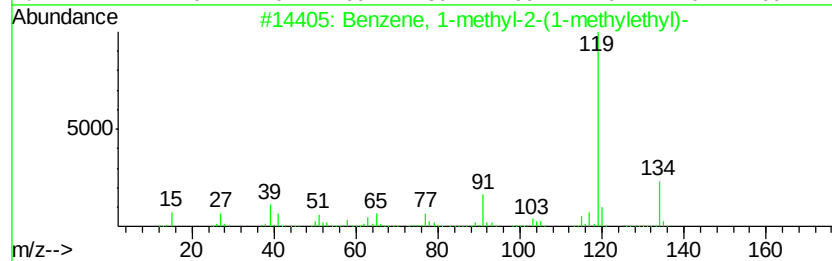
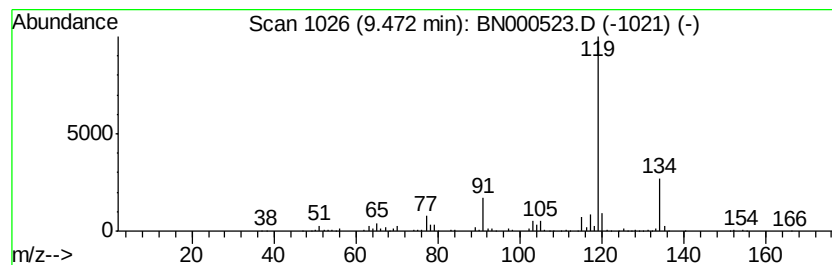
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 Benzene, 1-methyl-2-(1-meth... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	18.15 ng/ul	9424590	1,4-Dichlorobenzene-d4	8.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
2		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
3		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	97
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
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Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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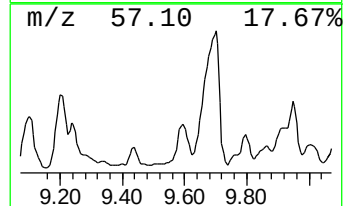
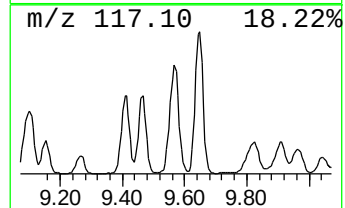
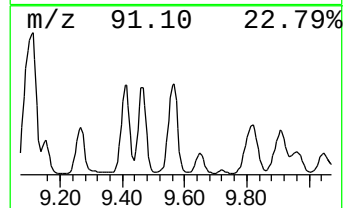
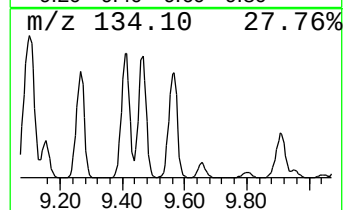
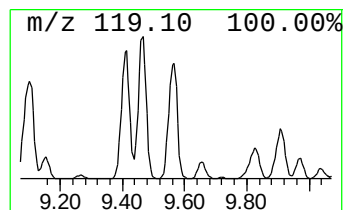
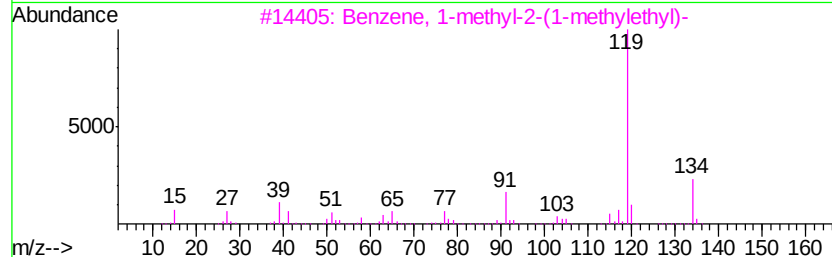
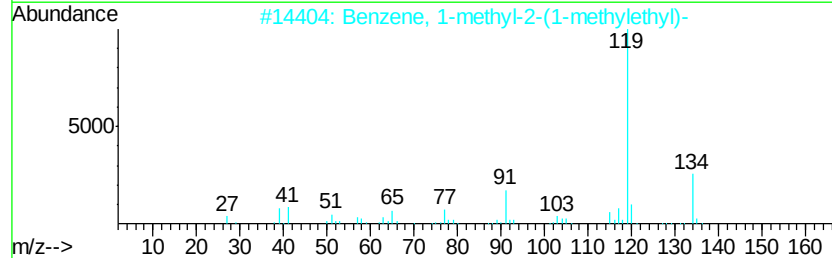
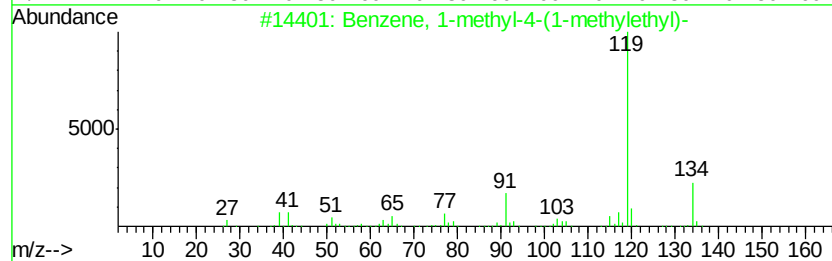
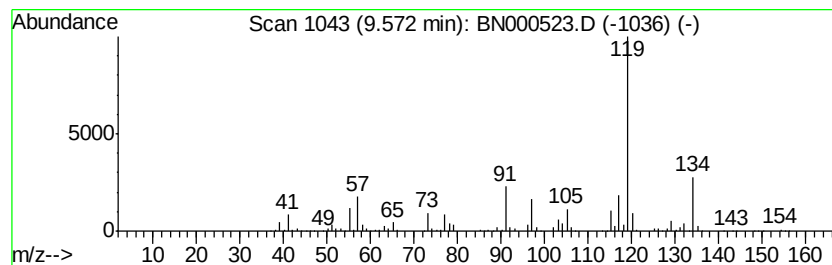
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Benzene, 1-methyl-4-(1-meth... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	25.29 ng/ul	13129900	1,4-Dichlorobenzene-d4	8.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
2		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
3		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
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Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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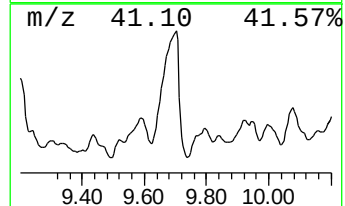
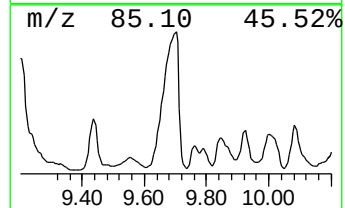
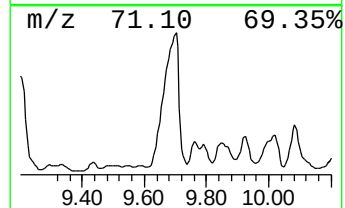
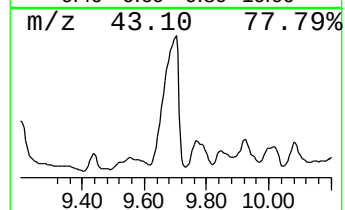
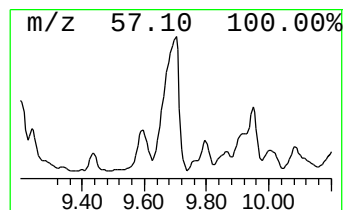
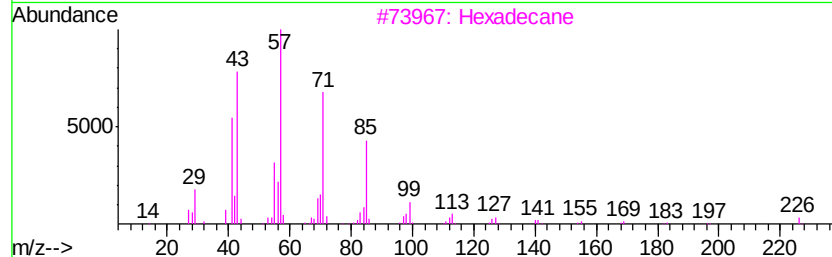
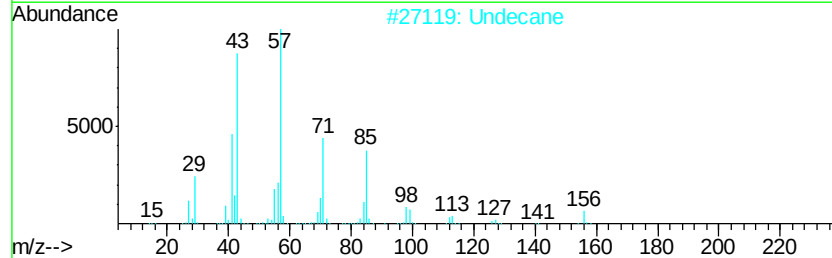
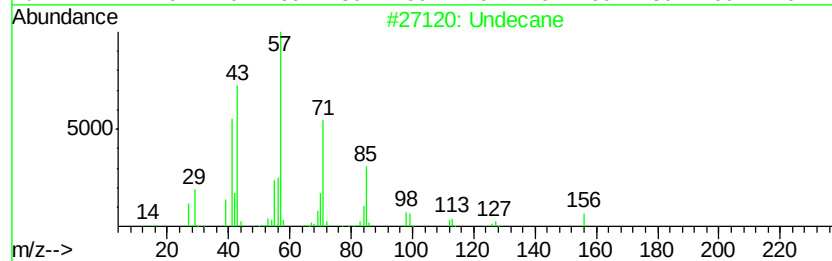
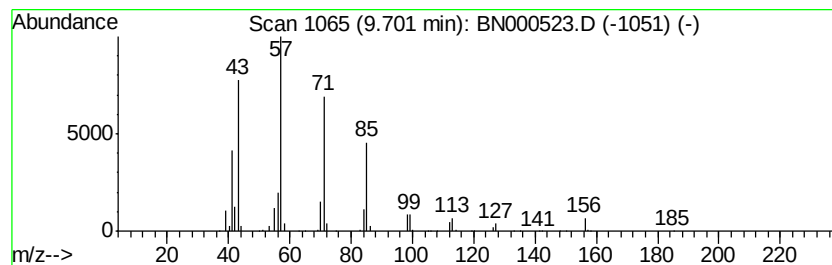
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	70.57 ng/ul	36638100	1,4-Dichlorobenzene-d4	8.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	95
2		Undecane	156	C11H24	001120-21-4	94
3		Hexadecane	226	C16H34	000544-76-3	91
4		Undecane	156	C11H24	001120-21-4	90
5		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	90



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
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Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

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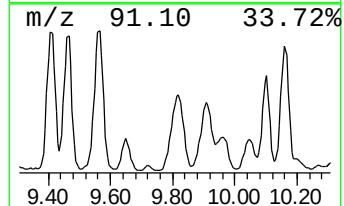
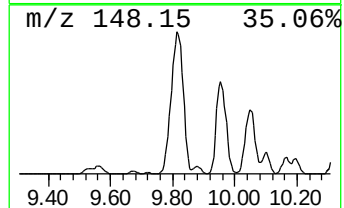
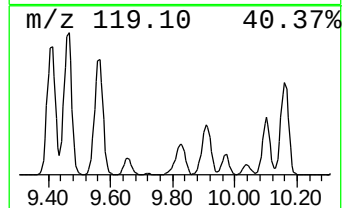
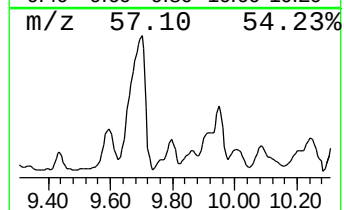
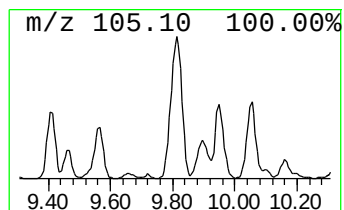
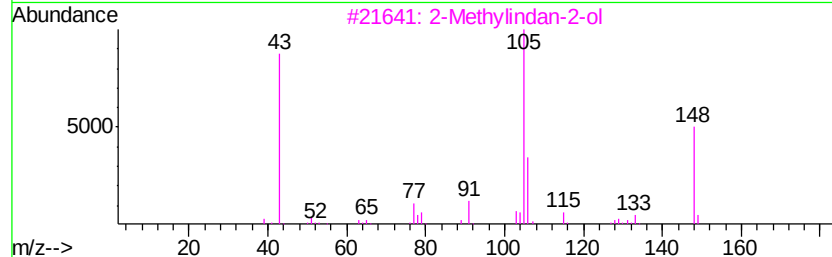
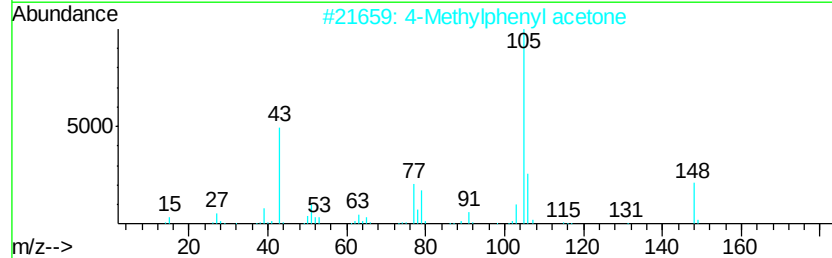
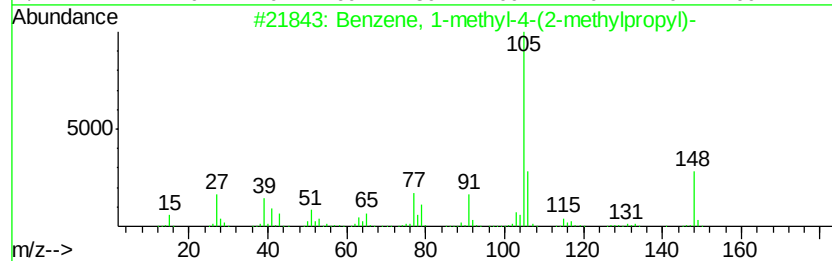
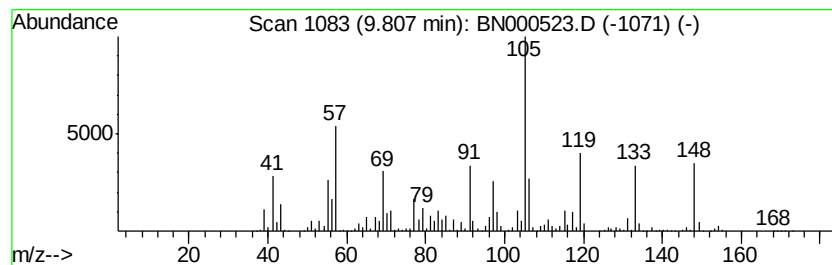
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	38.34 ng/ul	19907900	1,4-Dichlorobenzene-d4	8.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	46
2		4-Methylphenyl acetone	148	C10H12O	002096-86-8	42
3		2-Methylindan-2-ol	148	C10H12O	033223-84-6	38
4		Spiro[4.4]nona-1,3-diene, 1,2-di...	148	C11H16	1000163-57-6	38
5		Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	38



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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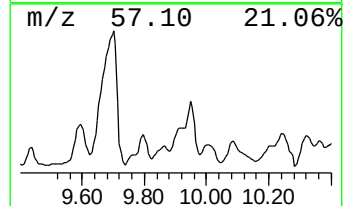
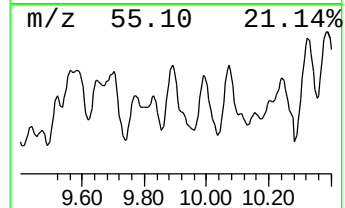
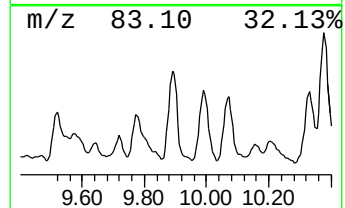
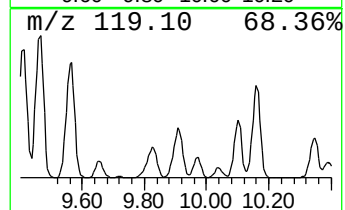
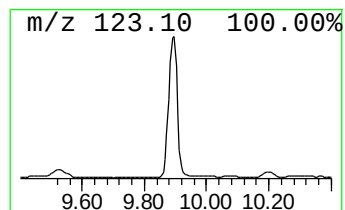
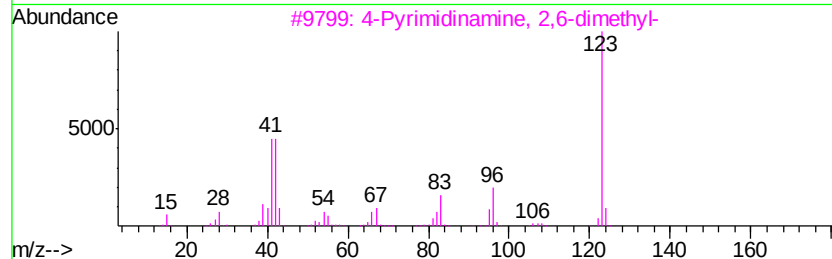
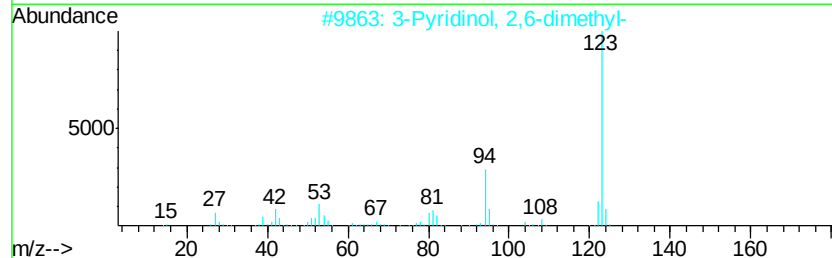
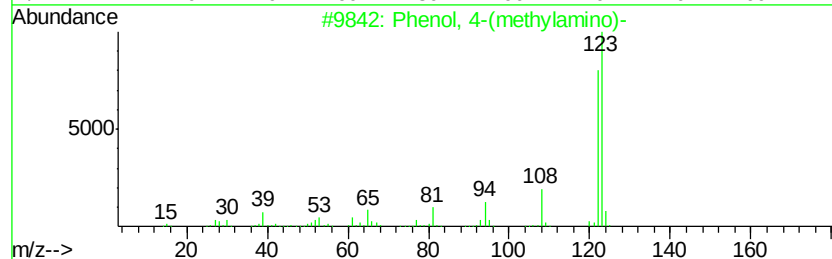
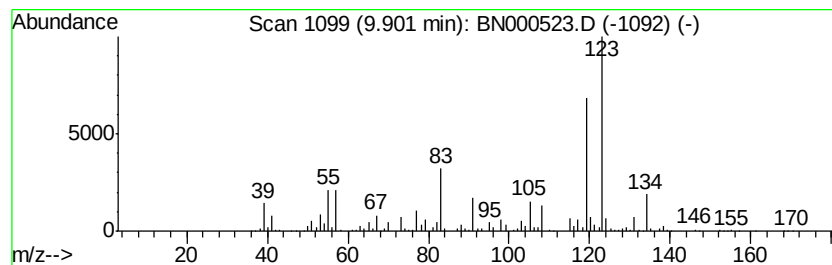
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 unknown-04 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	13.48 ng/ul	12246600	Napthalene-d8	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(methylamino)-	123	C7H9NO	000150-75-4	38
2		3-Pyridinol, 2,6-dimethyl-	123	C7H9NO	001122-43-6	38
3		4-Pyrimidinamine, 2,6-dimethyl-	123	C6H9N3	000461-98-3	38
4		2,5-Heptadien-4-one, 2,6-dimethyl-	138	C9H14O	000504-20-1	37
5		Phenol, 4-amino-3-methyl-	123	C7H9NO	002835-99-6	35



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
DAM42

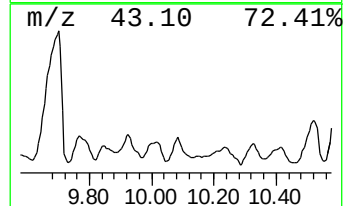
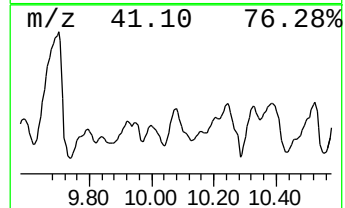
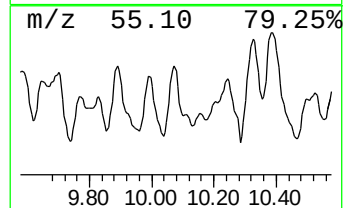
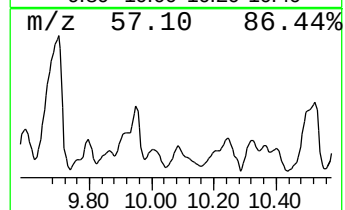
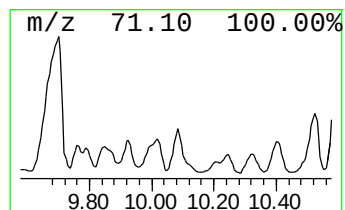
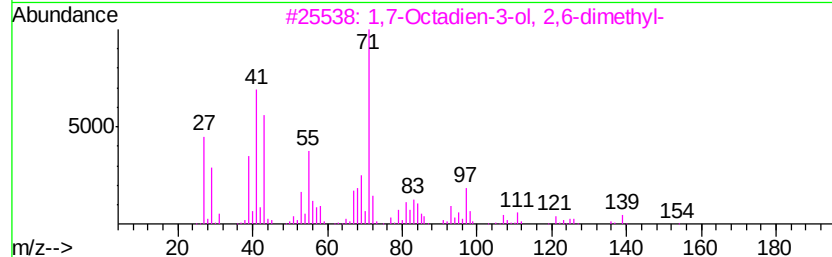
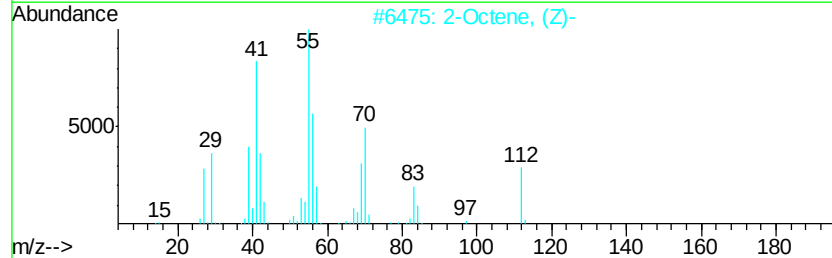
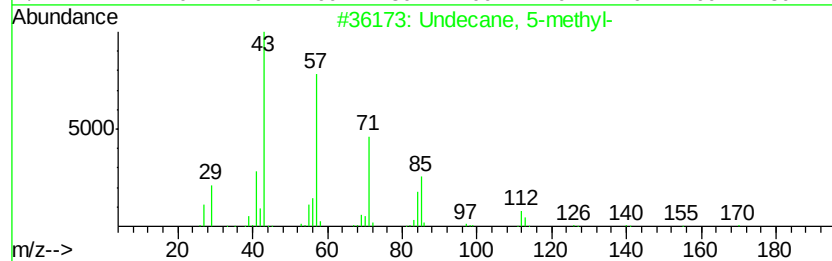
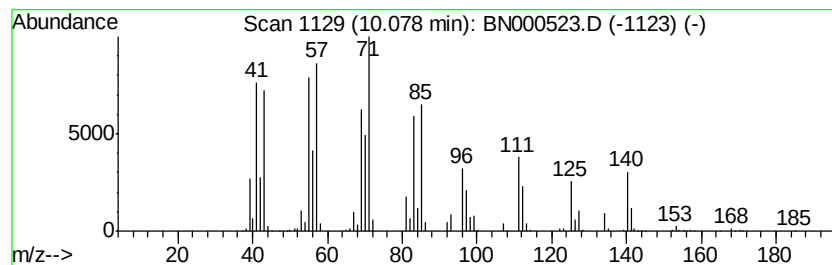
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	10.60 ng/ul	9628060	Napthalene-d8	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-methyl-	170	C12H26	001632-70-8	38
2		2-Octene, (Z)-	112	C8H16	007642-04-8	25
3		1,7-Octadien-3-ol, 2,6-dimethyl-	154	C10H18O	022460-59-9	25
4		Cyclopentanone, 3-butyl-	140	C9H16O	057283-81-5	25
5		3-Octene, (Z)-	112	C8H16	014850-22-7	25



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM42

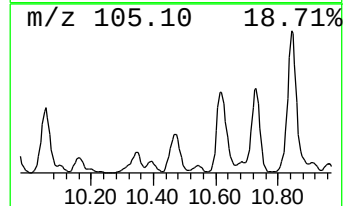
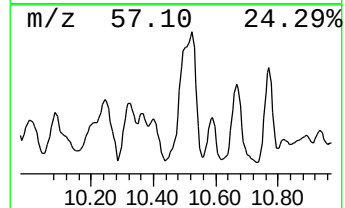
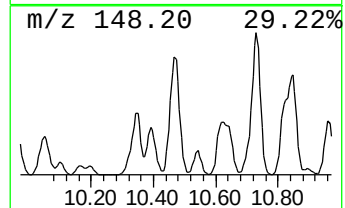
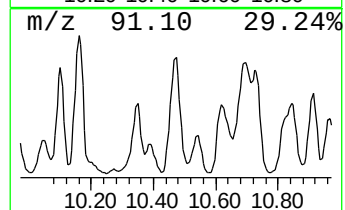
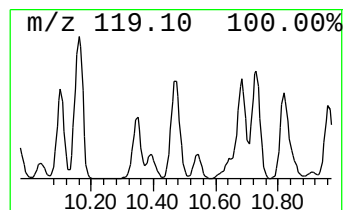
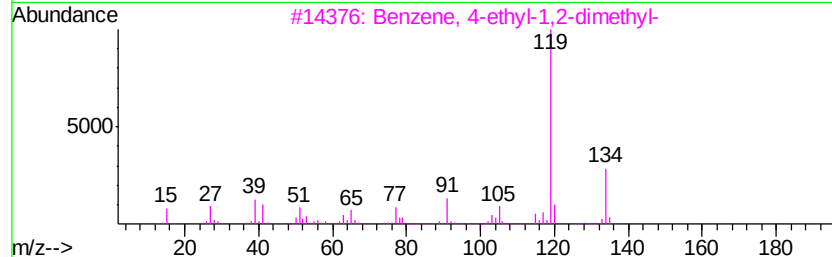
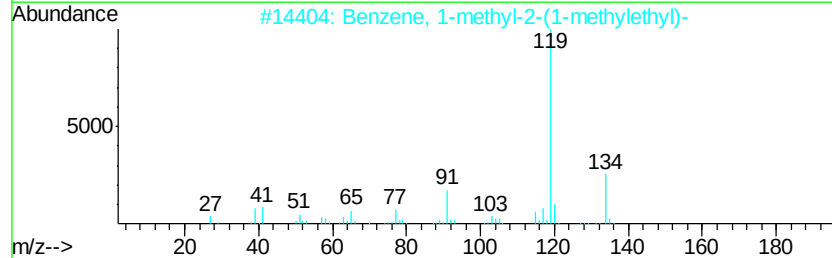
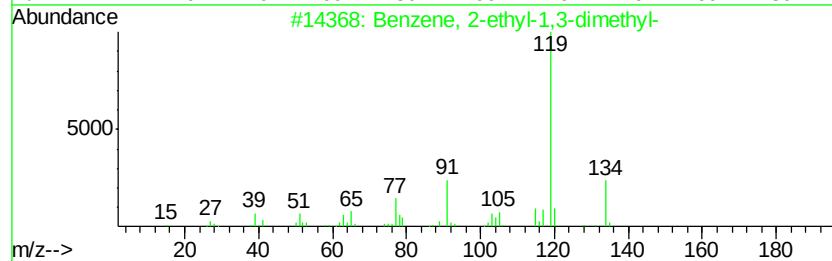
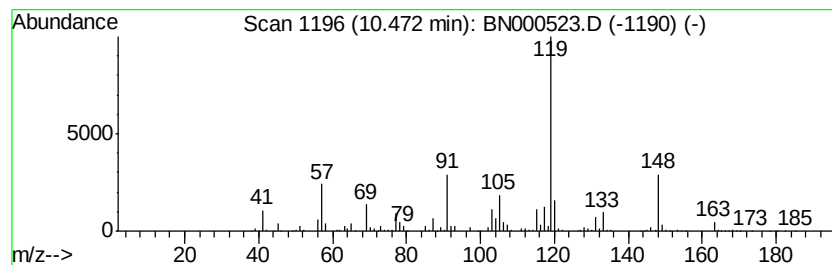
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	8.67 ng/ul	7881580	Napthalene-d8	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
2		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	62
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	62
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	58
5		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	58



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

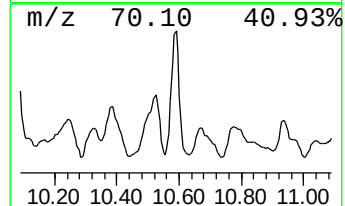
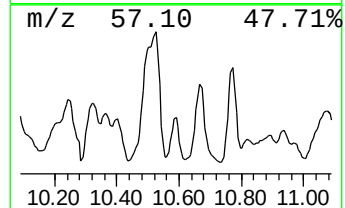
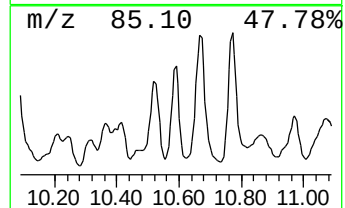
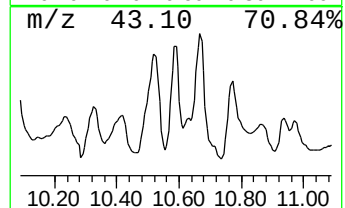
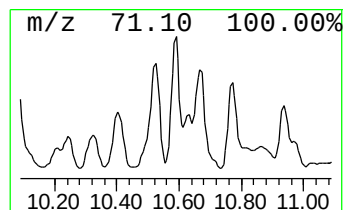
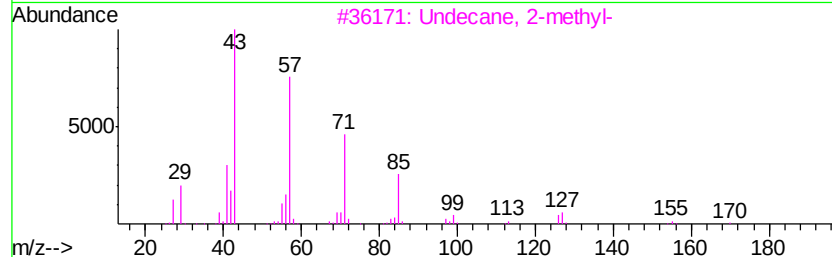
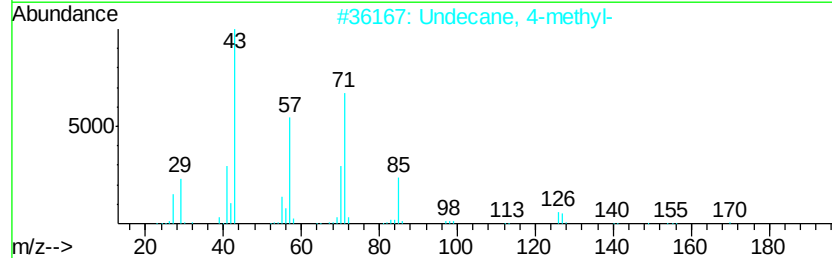
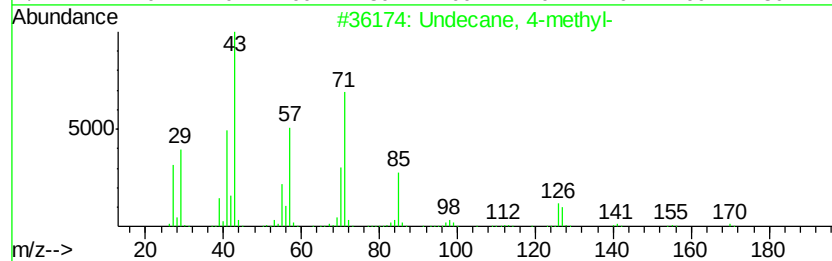
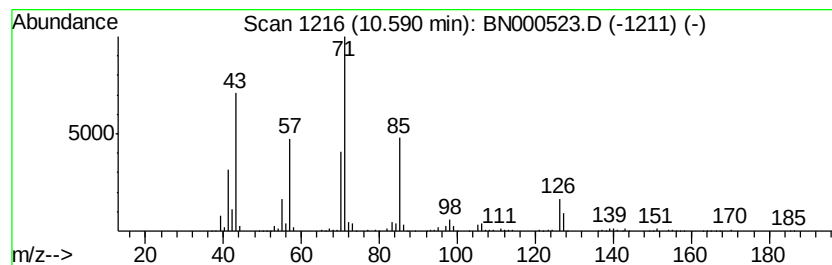
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	6.07 ng/ul	5516660	Napthalene-d8	11.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 4-methyl-	170 C12H26	002980-69-0	72
2	Undecane, 4-methyl-	170 C12H26	002980-69-0	72
3	Undecane, 2-methyl-	170 C12H26	007045-71-8	53
4	Undecane, 2,8-dimethyl-	184 C13H28	017301-25-6	50
5	2,2'-Bifuran, octahydro-	142 C8H14O2	001592-33-2	50



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
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Sample : J1905-07
Misc :
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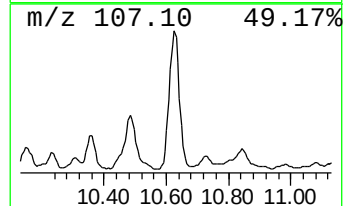
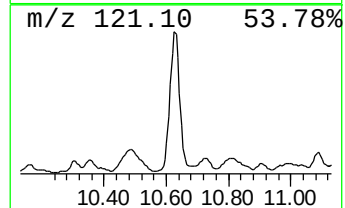
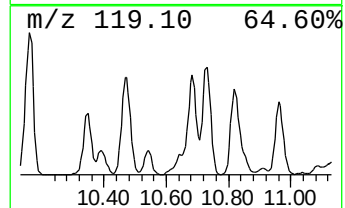
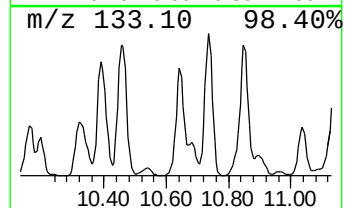
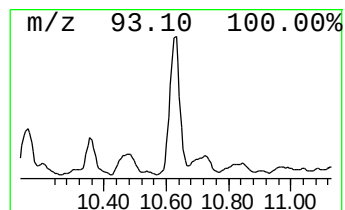
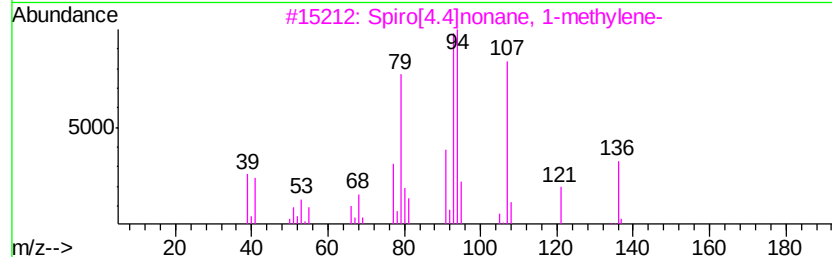
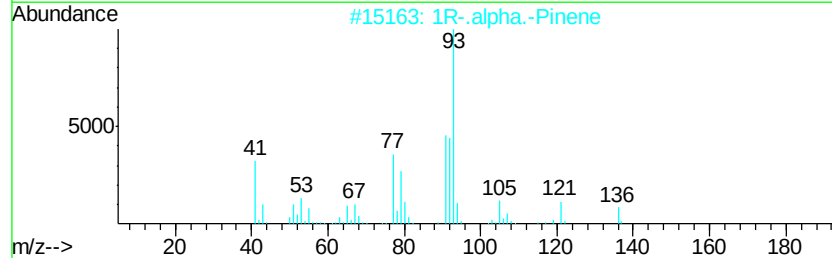
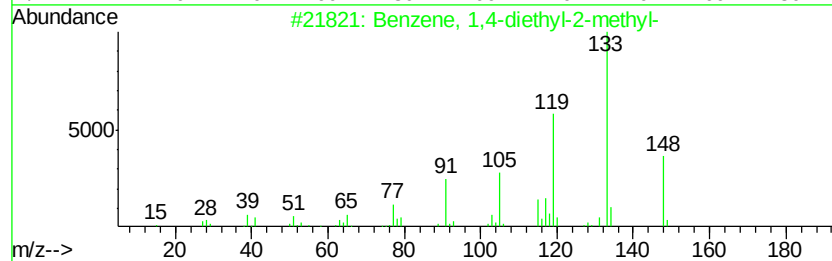
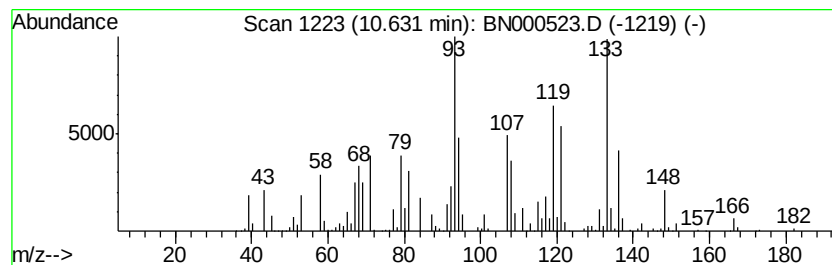
Instrument :
BNA_N
ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	5.18 ng/ul	4708270	Napthalene-d8	11.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,4-diethyl-2-methyl-	148 C11H16	013632-94-5 56
2		1R-.alpha.-Pinene	136 C10H16	007785-70-8 46
3		Spiro[4.4]nonane, 1-methylene-	136 C10H16	019144-06-0 38
4		1,4-Cyclohexadiene, 1-methyl-4-(...	136 C10H16	000099-85-4 38
5		1,4-Cyclohexadiene, 1-methyl-4-(...	136 C10H16	000099-85-4 38



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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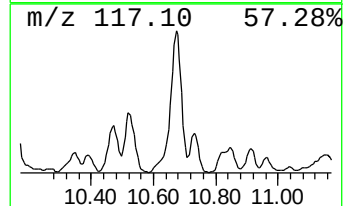
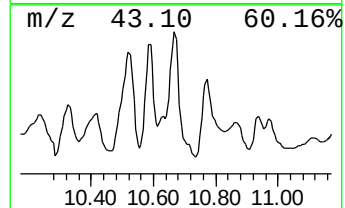
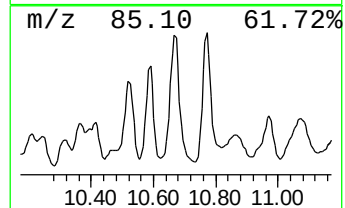
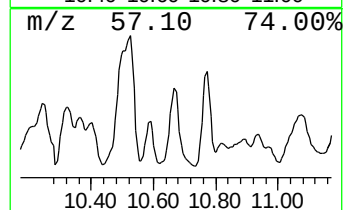
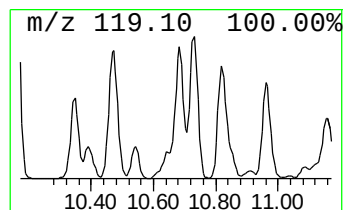
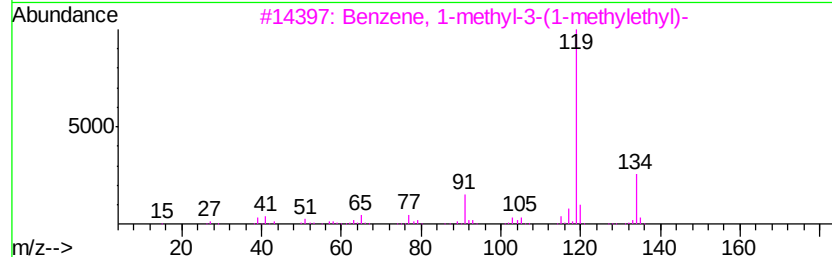
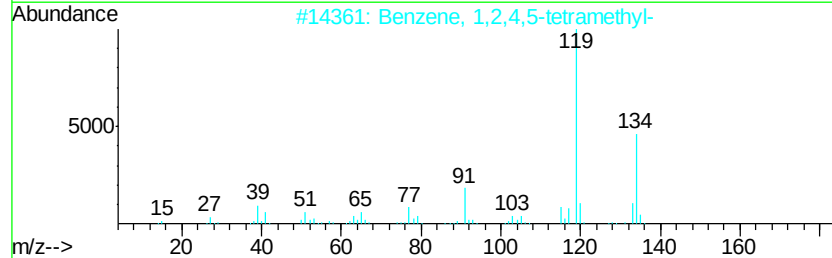
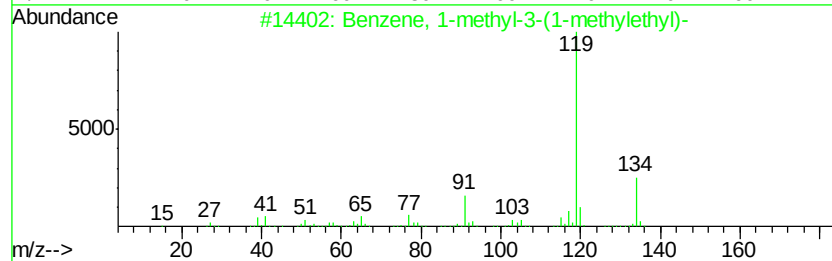
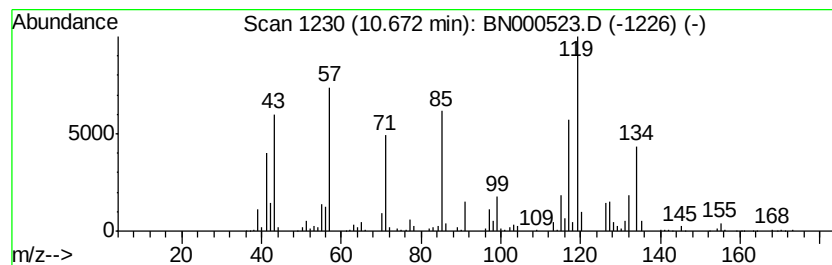
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 unknown-05 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	10.51 ng/ul	9547220	Naphthalene-d8	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	41
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	41
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	41
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	38
5		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	38



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
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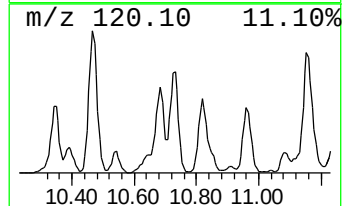
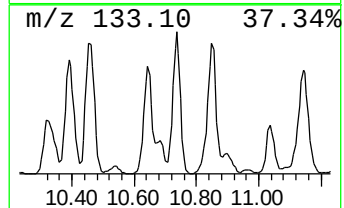
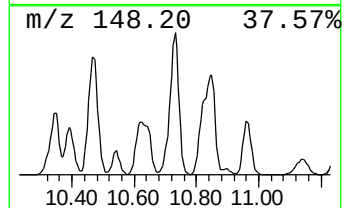
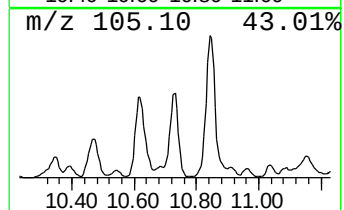
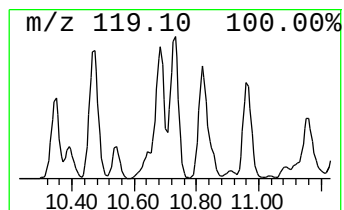
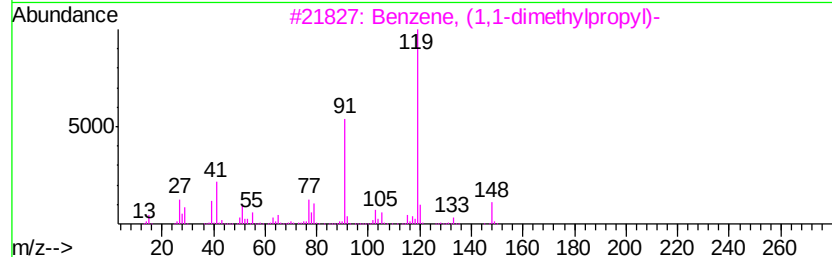
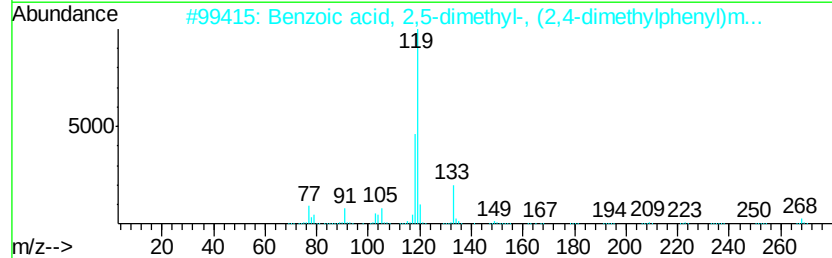
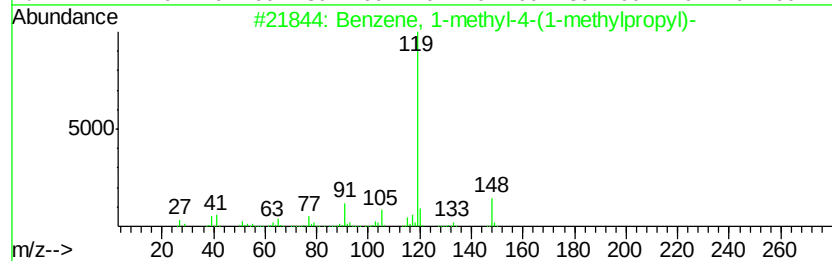
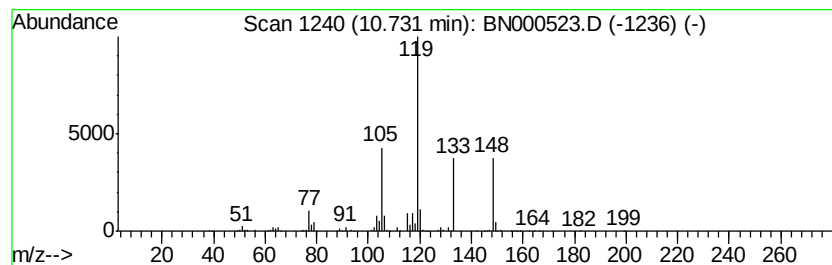
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 Benzene, 1-methyl-4-(1-meth... Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	4.30 ng/ul	3904760	Napthalene-d8	11.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-methyl-4-(1-methylpro...	148 C11H16	001595-16-0 72
2		Benzoic acid, 2,5-dimethyl-, (2,...	268 C18H20O2	055000-48-1 59
3		Benzene, (1,1-dimethylpropyl)-	148 C11H16	002049-95-8 59
4		Benzene, (1,1-dimethylpropyl)-	148 C11H16	002049-95-8 59
5		Benzene, 1-ethyl-3,5-dimethyl-	134 C10H14	000934-74-7 53



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DAM42

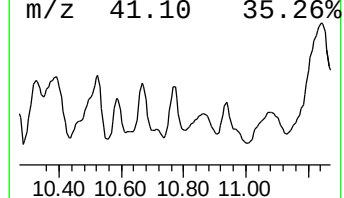
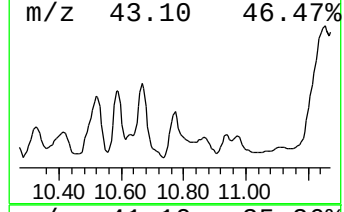
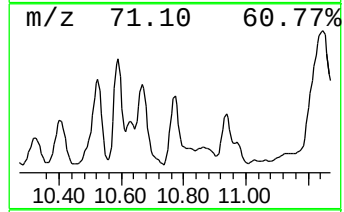
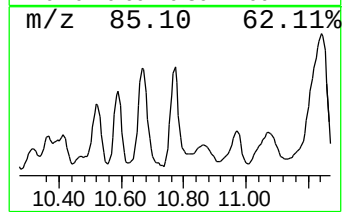
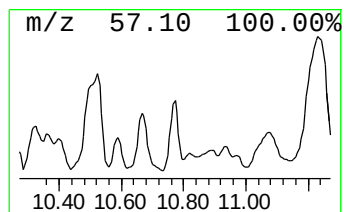
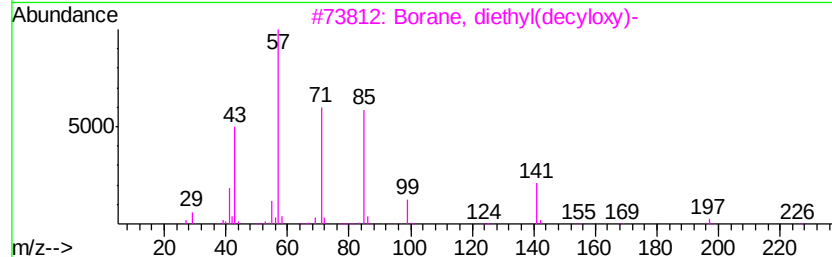
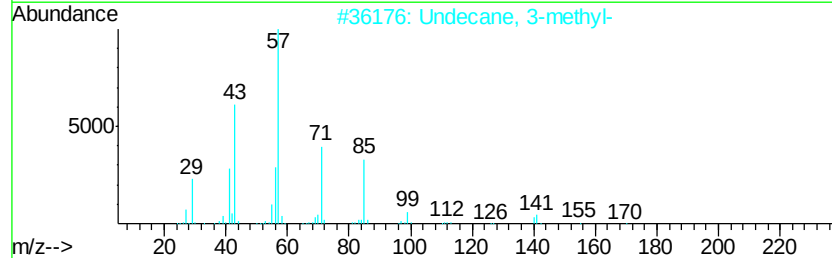
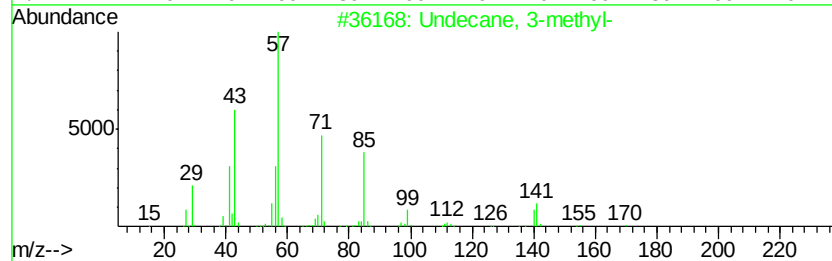
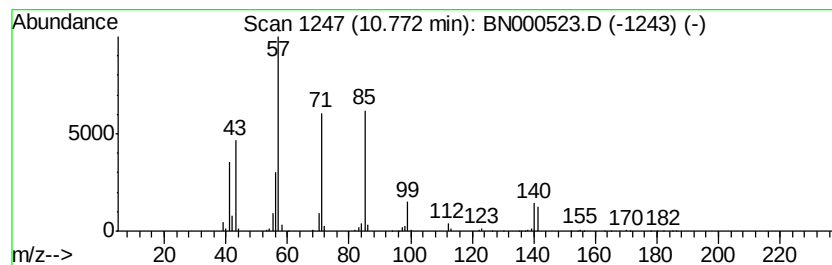
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 79

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	3.73 ng/ul	3387850	Napthalene-d8	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3-methyl-	170	C12H26	001002-43-3	87
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	83
3		Borane, diethyl(decvloxy)-	226	C14H31BO	1000152-34-3	59
4		Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	59
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

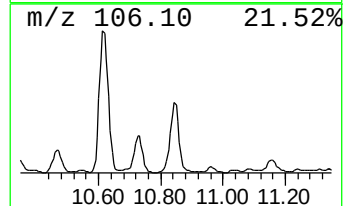
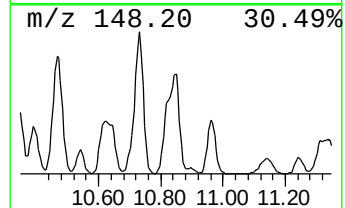
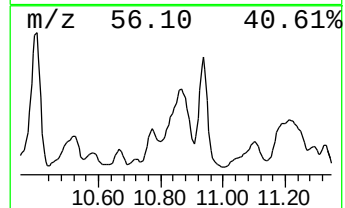
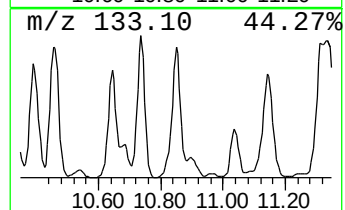
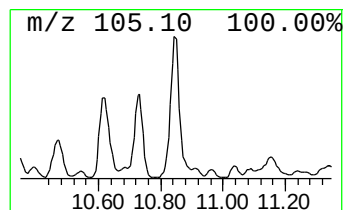
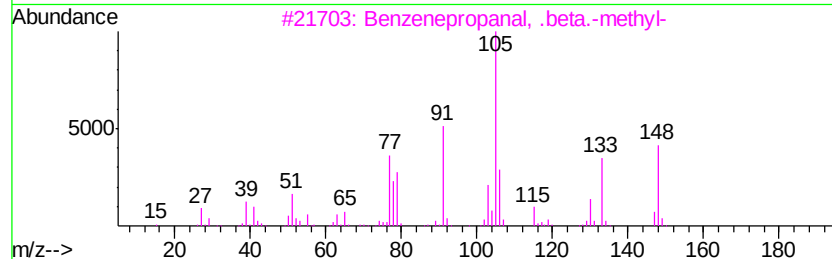
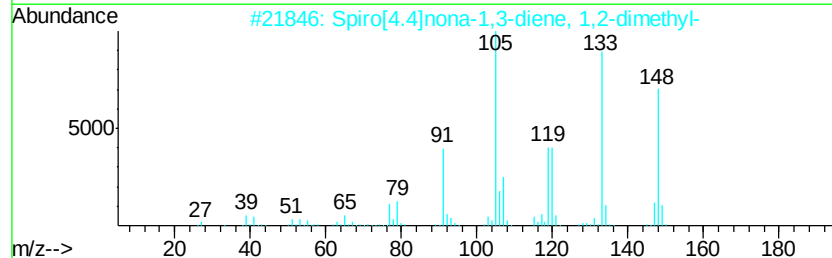
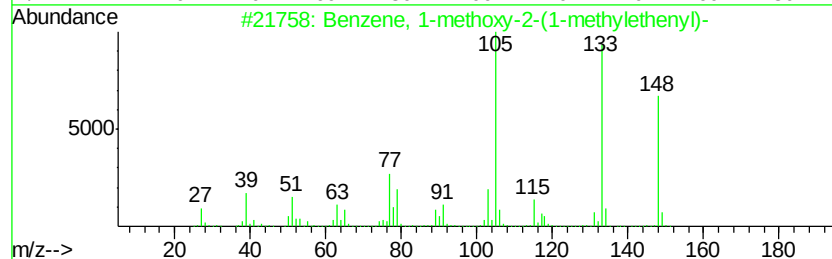
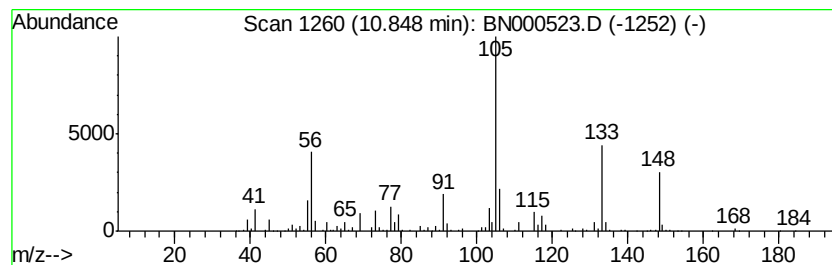
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 unknown-06 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	8.96 ng/ul	8139710	Naphthalene-d8	11.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-methoxy-2-(1-methylet...	148 C10H12O	010278-02-1 49
2		Spiro[4.4]nona-1,3-diene, 1,2-di...	148 C11H16	1000163-57-6 43
3		Benzenepropanal, .beta.-methyl-	148 C10H12O	016251-77-7 35
4		Benzene, 1-methyl-4-(2-methylpro...	148 C11H16	005161-04-6 30
5		2-Methyl-3-nitrophenyl .beta.-ph...	285 C16H15NO4	040300-01-4 27



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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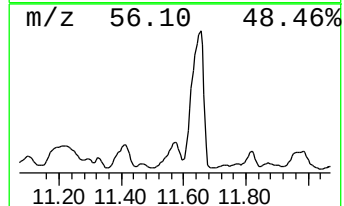
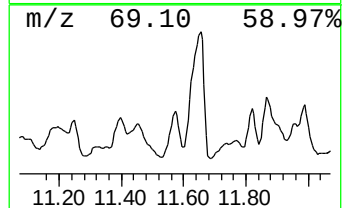
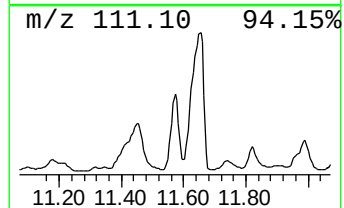
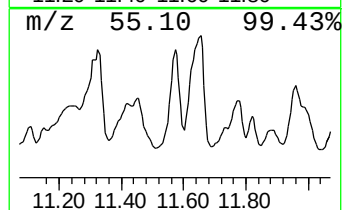
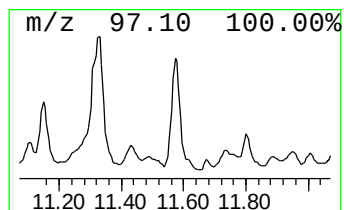
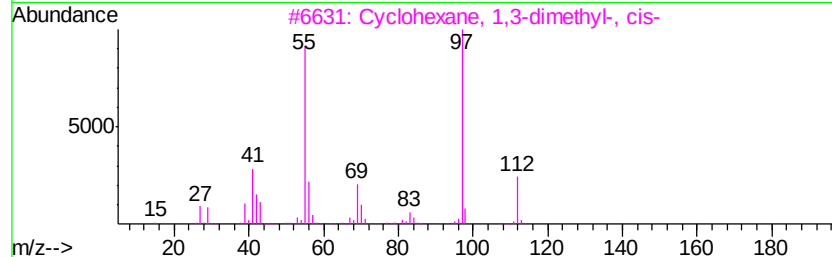
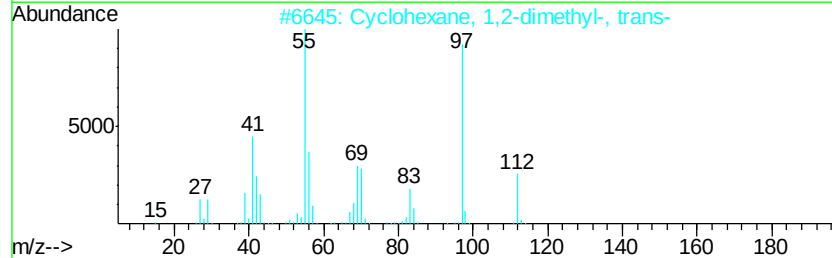
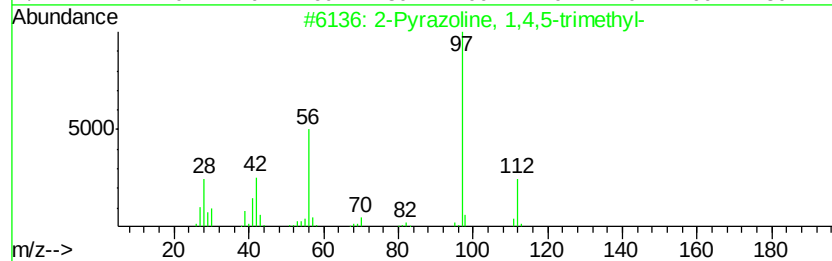
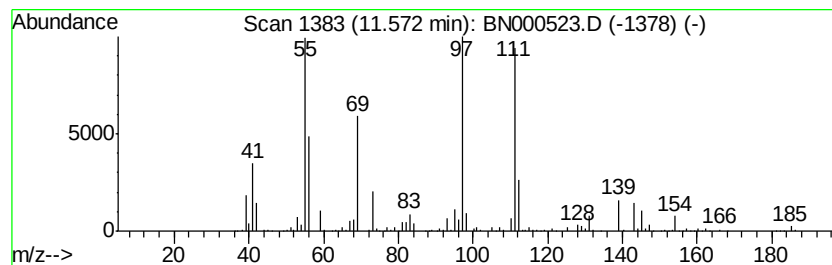
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 unknown-07 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	5.35 ng/ul	4860830	Napthalene-d8	11.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pyrazoline, 1,4,5-trimethyl-	112	C6H12N2	007423-11-2	43
2			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	38
3			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	38
4			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	38
5			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	38



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

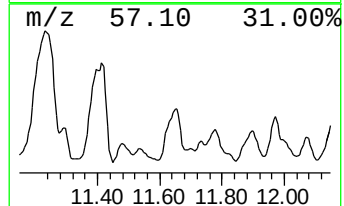
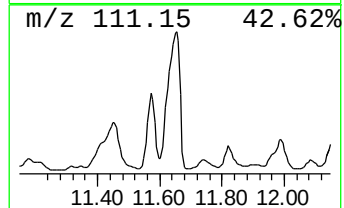
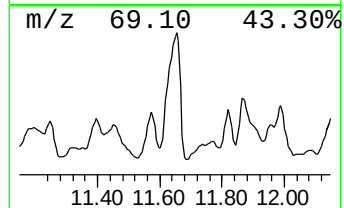
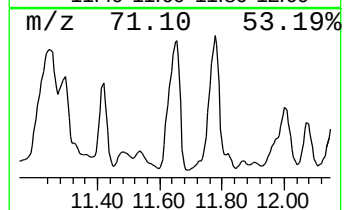
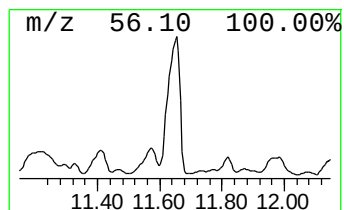
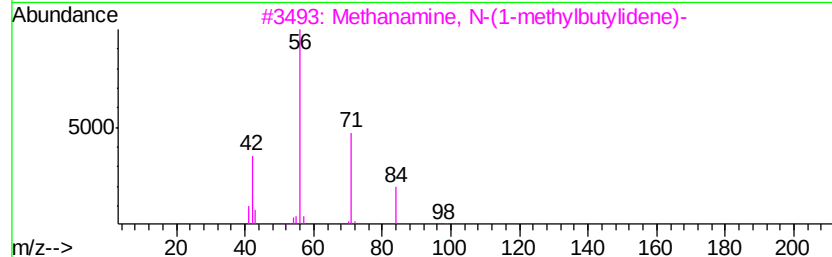
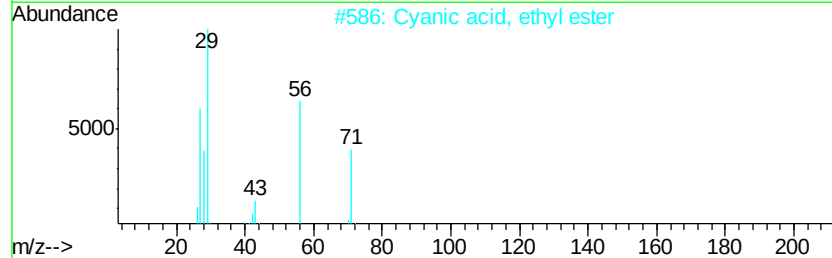
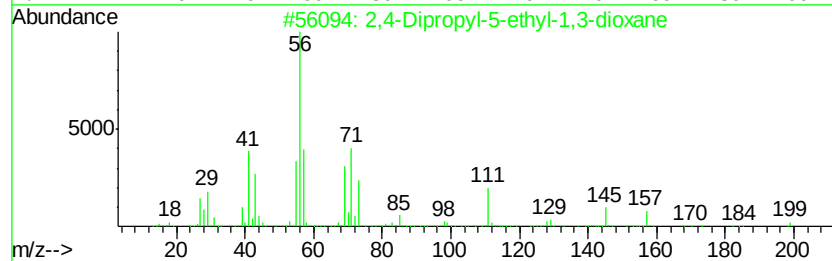
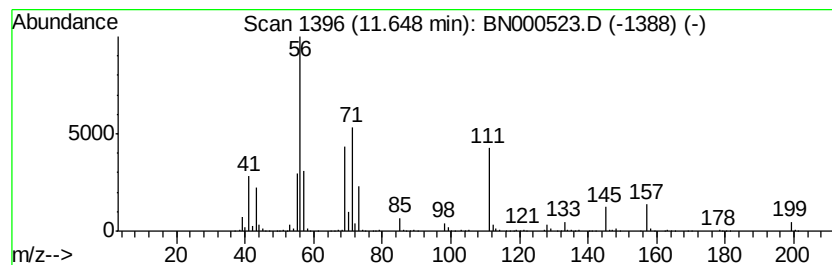
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 2,4-Dipropyl-5-ethyl-1,3-di... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.65	23.02 ng/ul	20921800	Napthalene-d8	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	50
2	Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	46
3	Methanamine, N-(1-methylbutylidene-...	99	C6H13N	022431-09-0	37
4	Methylanamine, N-(1-methylhexylidene-...	127	C8H17N	022058-71-5	27
5	Ethanamine, N-pentylidene-	113	C7H15N	010599-76-5	25



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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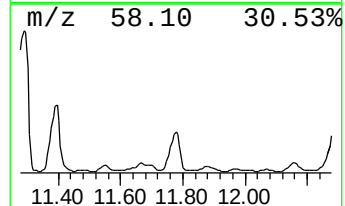
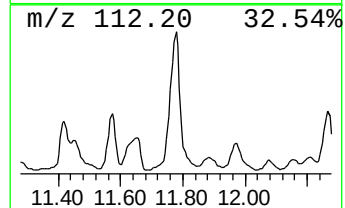
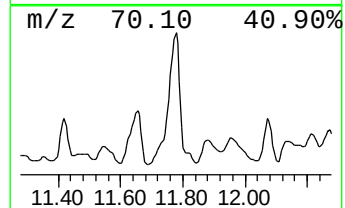
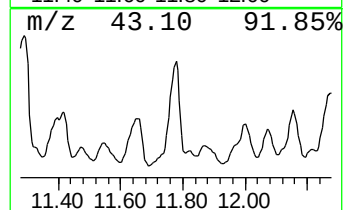
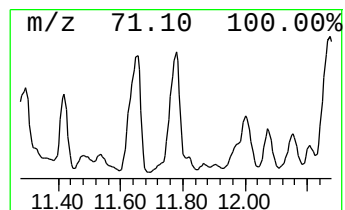
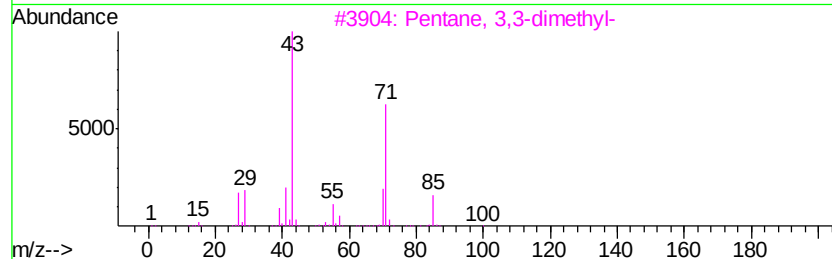
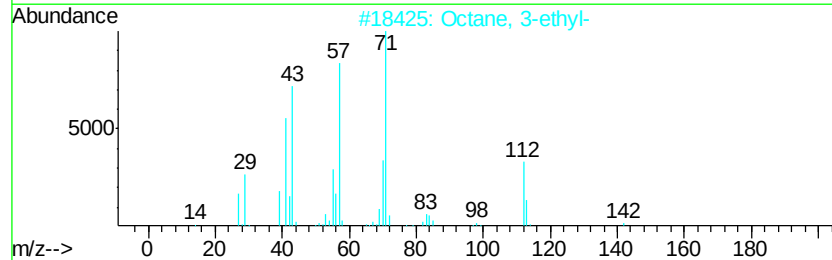
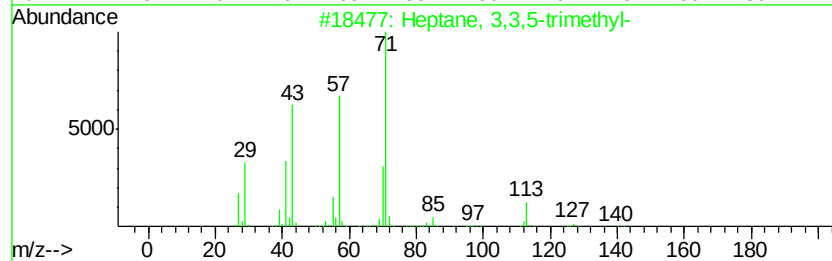
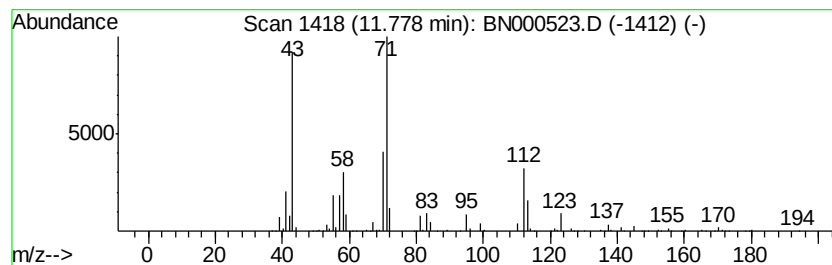
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	8.83 ng/ul	8025320	Napthalene-d8	11.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59
2			Octane, 3-ethyl-	142	C10H22	005881-17-4	50
3			Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	50
4			1-Methylcycloheptanol	128	C8H16O	003761-94-2	50
5			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	42



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM42

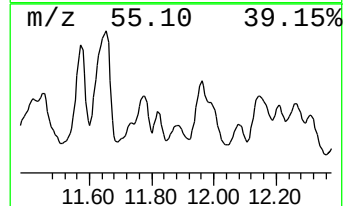
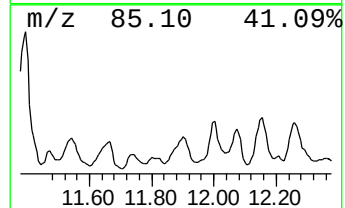
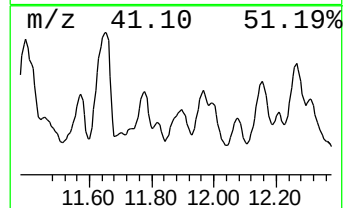
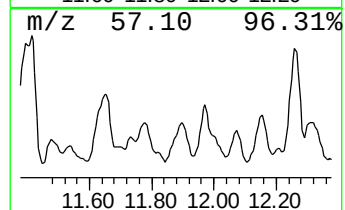
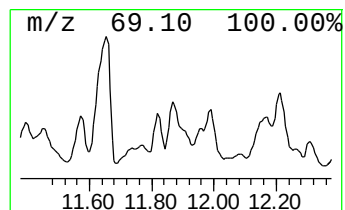
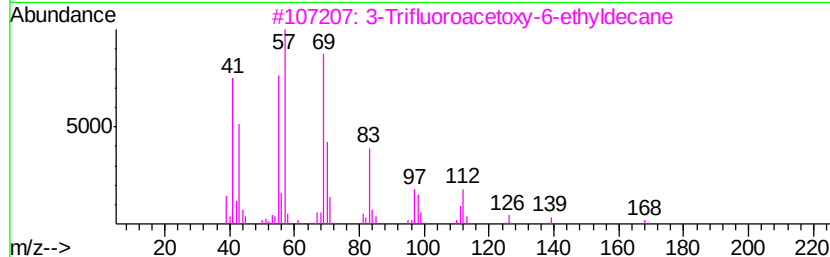
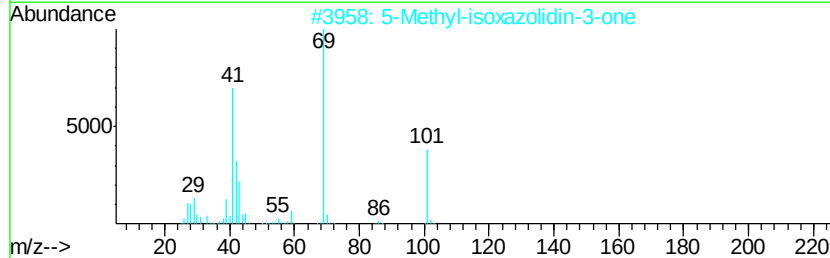
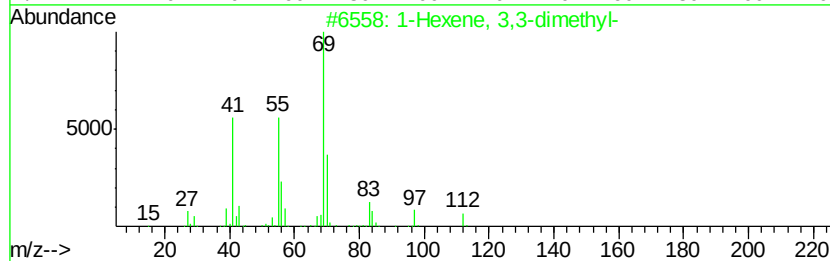
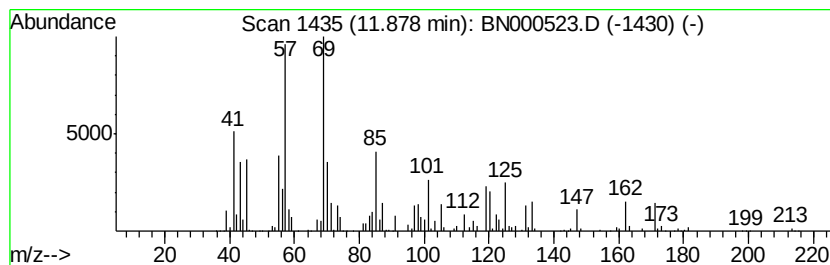
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 (DEL) Alkane: Cyclic11.88 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	6.68 ng/ul	6073360	Napthalene-d8	11.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	30
2			5-Methyl-isoxazolidin-3-one	101	C4H7NO2	041833-03-8	27
3			3-Trifluoroacetoxy-6-ethyldecane	282	C14H25F3O2	116436-59-0	22
4			4,5-Octanediol, 2,7-dimethyl-	174	C10H22O2	1000153-20-8	22
5			2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	18



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
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Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

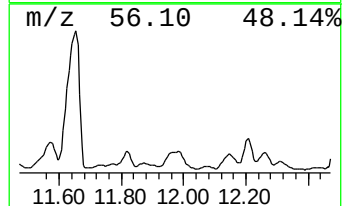
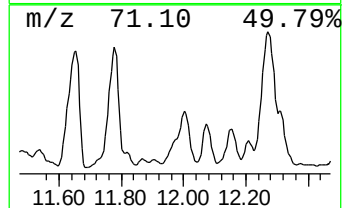
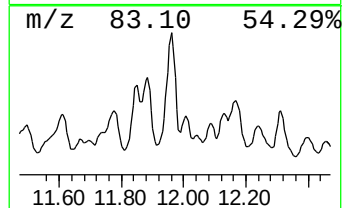
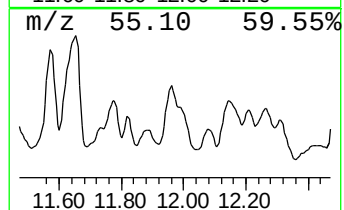
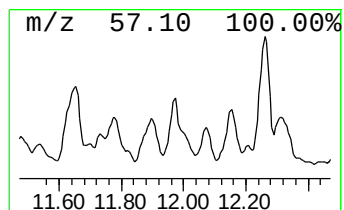
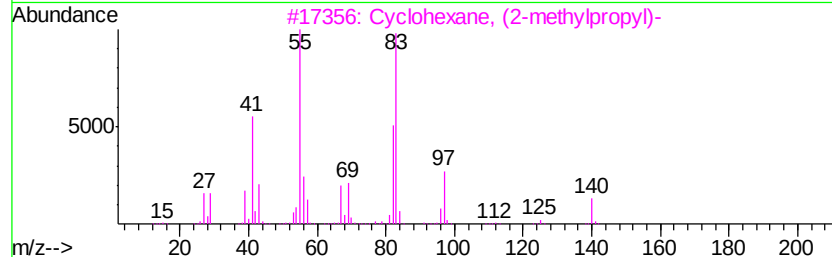
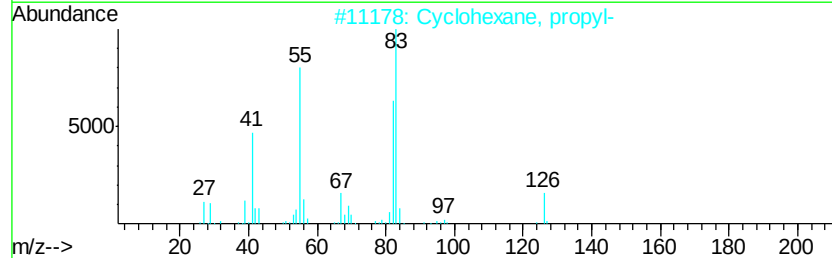
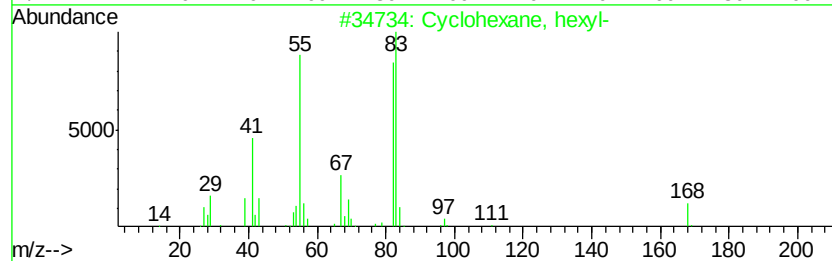
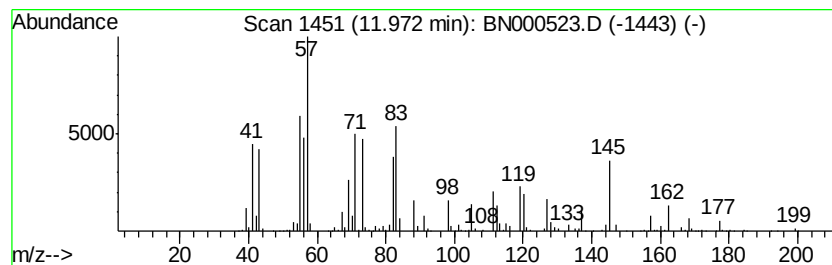
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 (DEL) Alkane: Cyclic11.97 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	9.34 ng/ul	8488790	Napthalene-d8	11.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, hexyl-	168 C12H24	004292-75-5 38
2		Cyclohexane, propyl-	126 C9H18	001678-92-8 35
3		Cyclohexane, (2-methylpropyl)-	140 C10H20	001678-98-4 35
4		Cyclohexane, butyl-	140 C10H20	001678-93-9 35
5		Cyclohexane, hexyl-	168 C12H24	004292-75-5 35



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM42

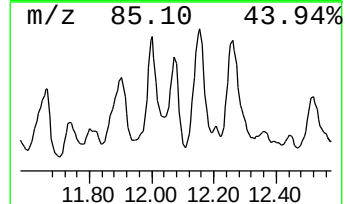
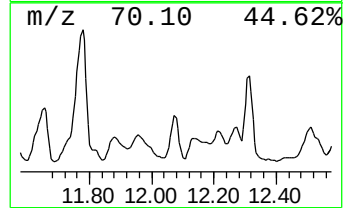
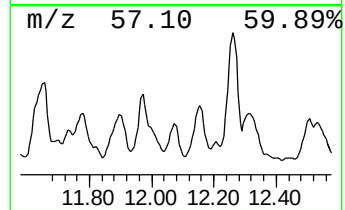
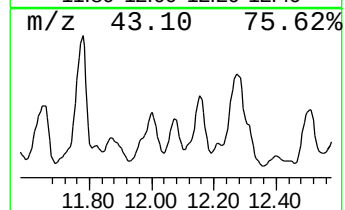
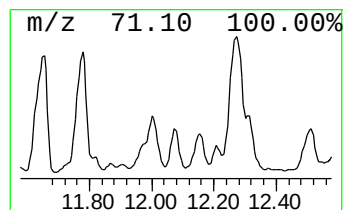
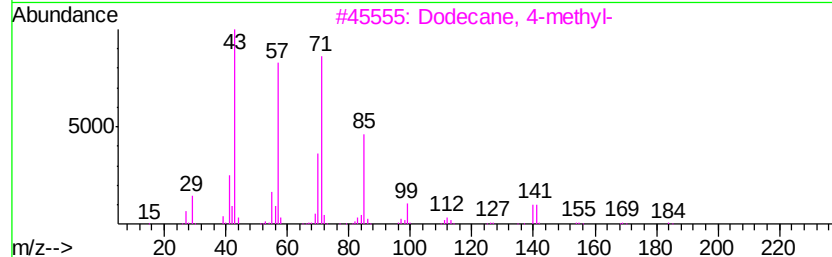
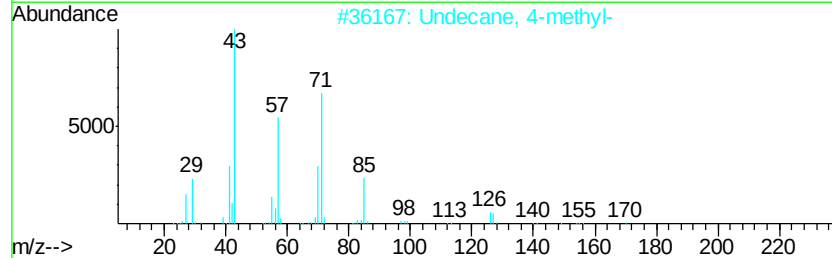
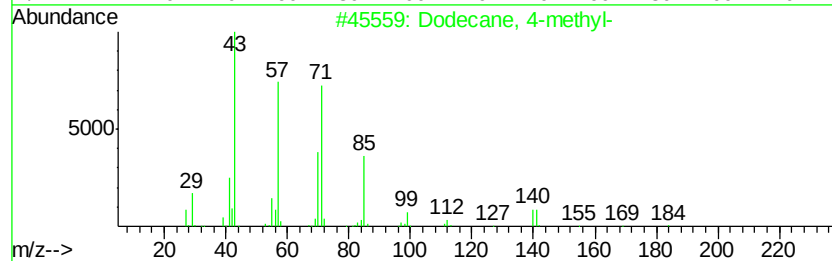
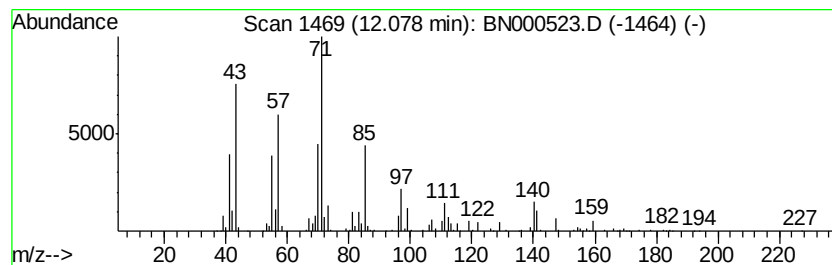
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 80

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	3.72 ng/ul	3379230	Napthalene-d8	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	81
2		Undecane, 4-methyl-	170	C12H26	002980-69-0	53
3		Dodecane, 4-methyl-	184	C13H28	006117-97-1	49
4		Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	47
5		Decane, 3,3,5-trimethyl-	184	C13H28	062338-13-0	47



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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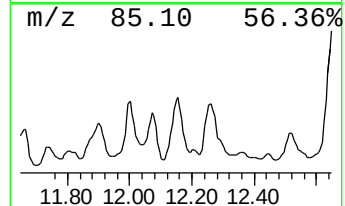
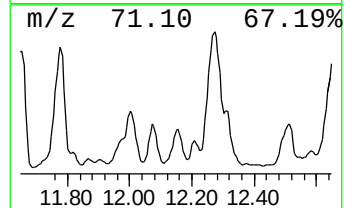
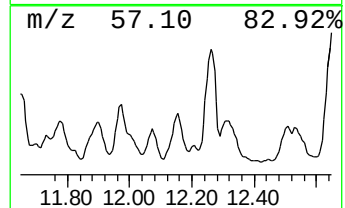
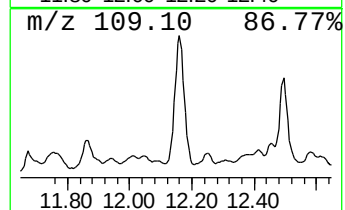
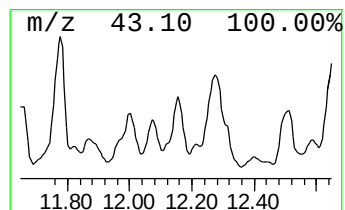
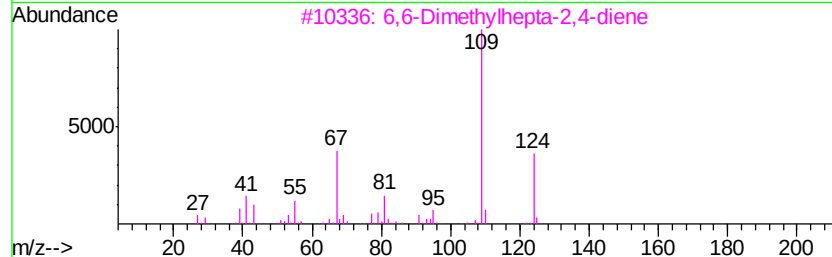
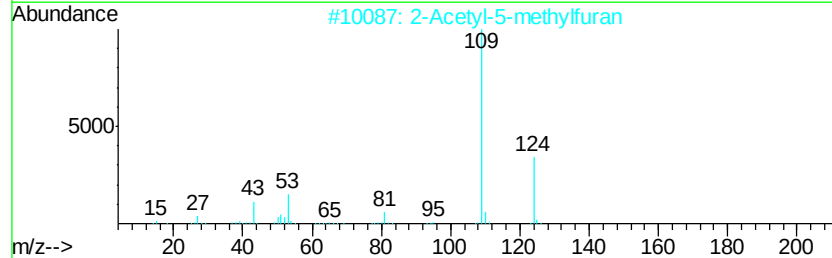
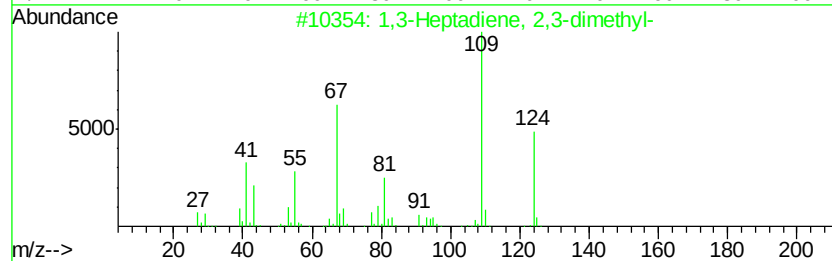
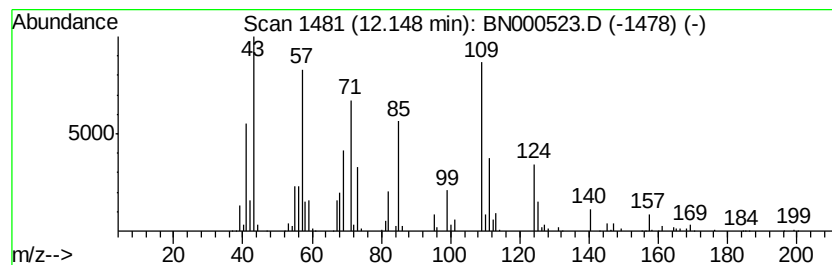
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 unknown-08 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	6.66 ng/ul	6048440	Napthalene-d8	11.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Heptadiene, 2,3-dimethyl-	124	C9H16	074779-65-0	30
2			2-Acetyl-5-methylfuran	124	C7H8O2	001193-79-9	27
3			6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	27
4			1,1-Dimethyl-1-silacyclo-2,4-hex...	124	C7H12Si	052023-18-4	27
5			Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	22



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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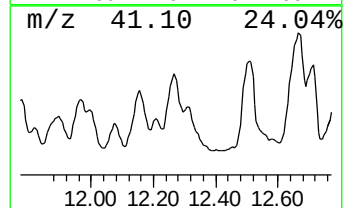
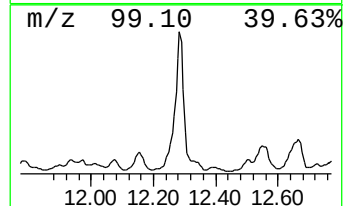
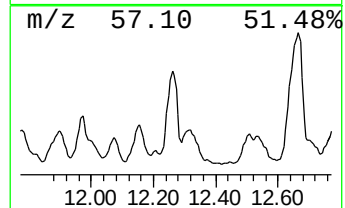
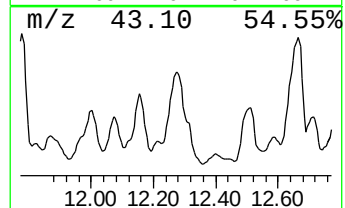
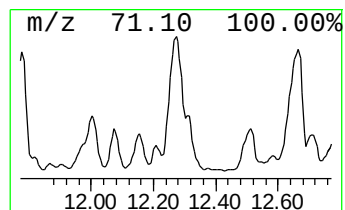
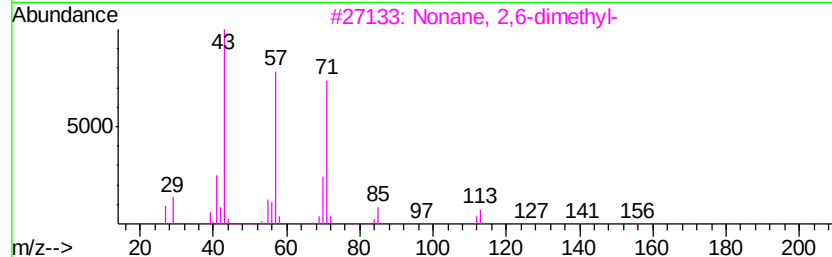
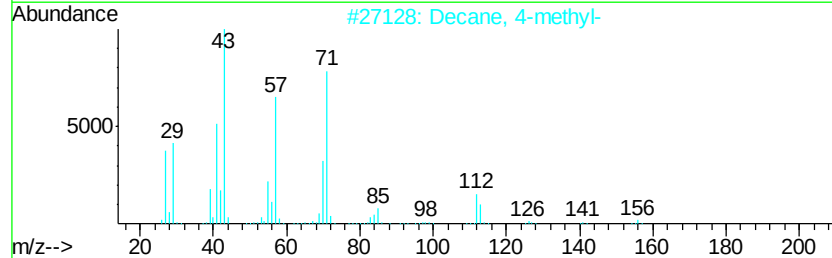
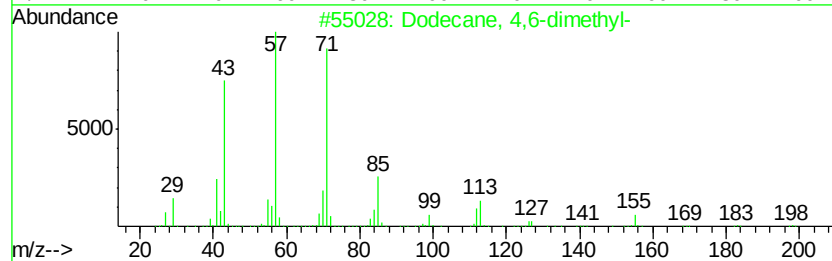
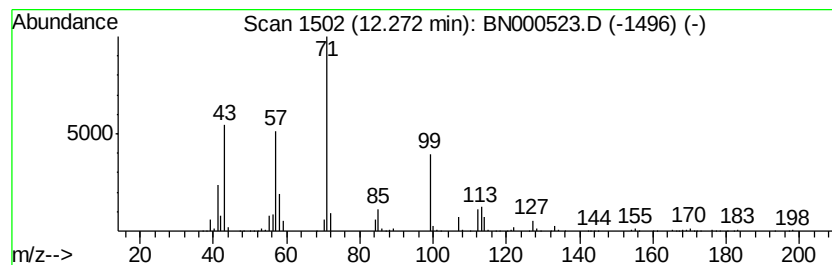
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	10.19 ng/ul	9258580	Napthalene-d8	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
2		Decane, 4-methyl-	156	C11H24	002847-72-5	59
3		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	59
4		Hexano-dibutyrin	330	C17H30O6	065235-12-3	50
5		2-Hexene, 1-methoxy-, (E)-	114	C7H14O	056052-83-6	50



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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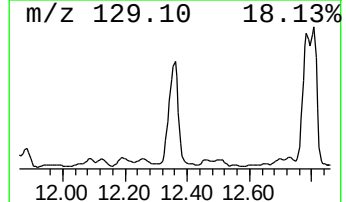
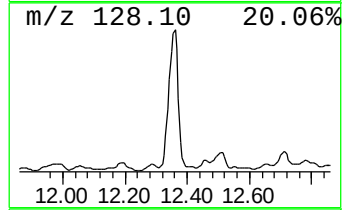
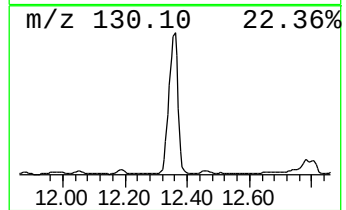
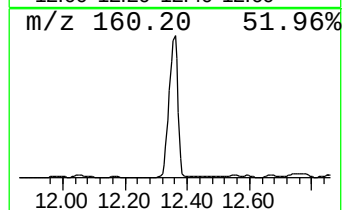
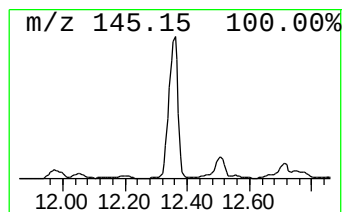
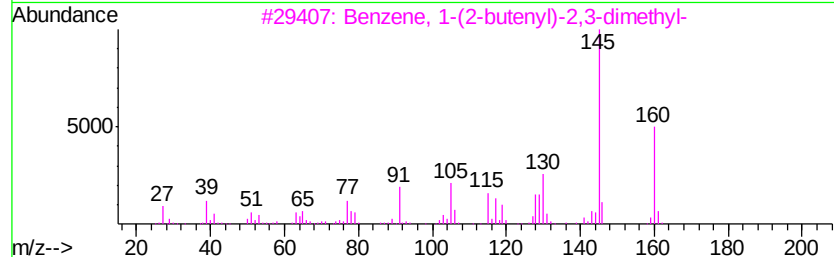
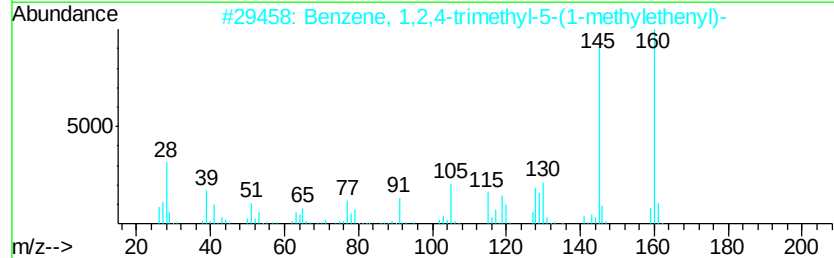
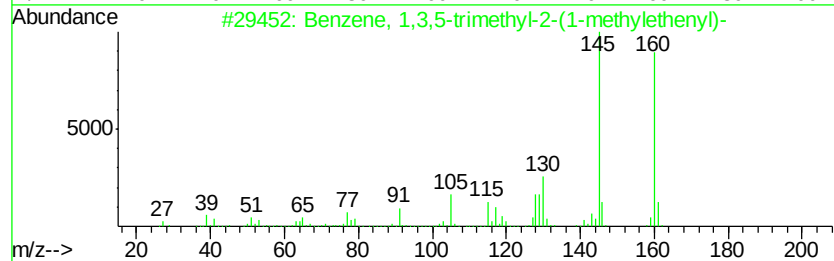
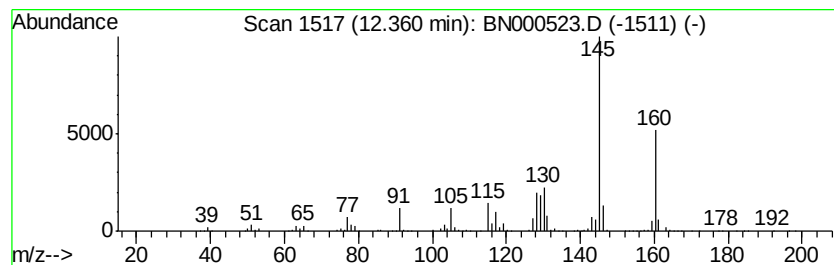
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	20.49 ng/ul	18616300	Napthalene-d8	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-2-(1-methyl-2-propenyl)-	160	C12H16	014679-13-1	94
2		Benzene, 1,2,4-trimethyl-5-(1-methyl-2-propenyl)-	160	C12H16	054340-84-0	94
3		Benzene, 1-(2-butenyl)-2,3-dimethyl-	160	C12H16	054340-85-1	94
4		Benzene, 1-(2-butenyl)-2,3-dimethyl-	160	C12H16	054340-85-1	94
5		Benzene, 4-(2-butenyl)-1,2-dimethyl-	160	C12H16	054340-86-2	90



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
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Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

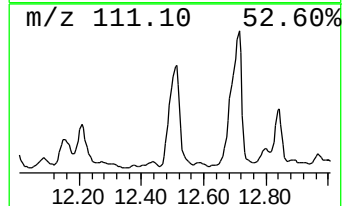
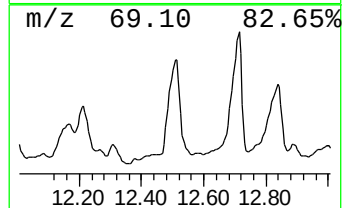
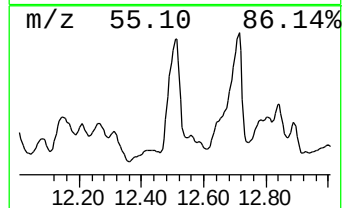
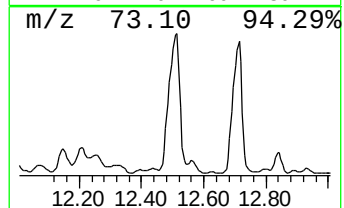
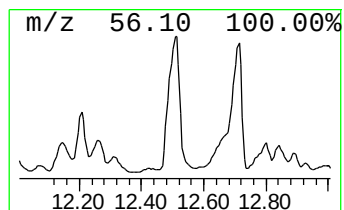
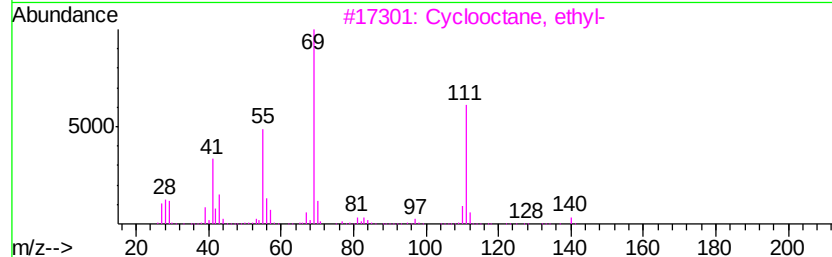
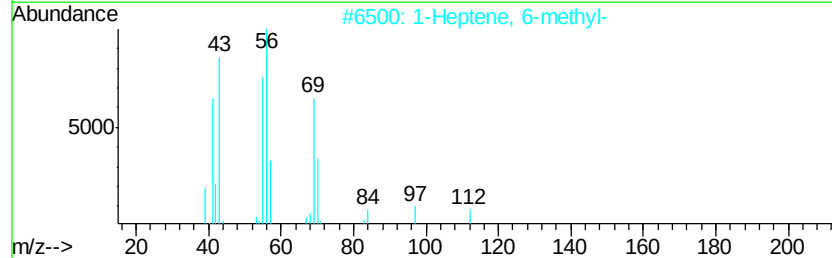
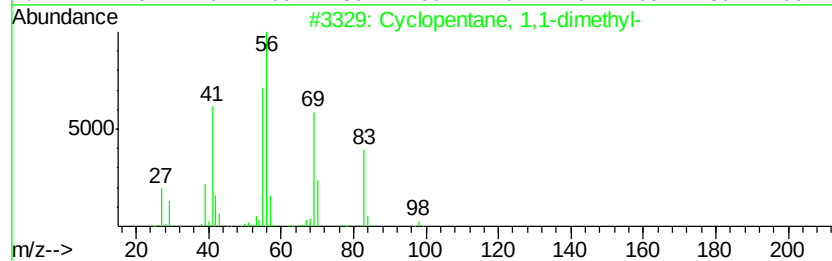
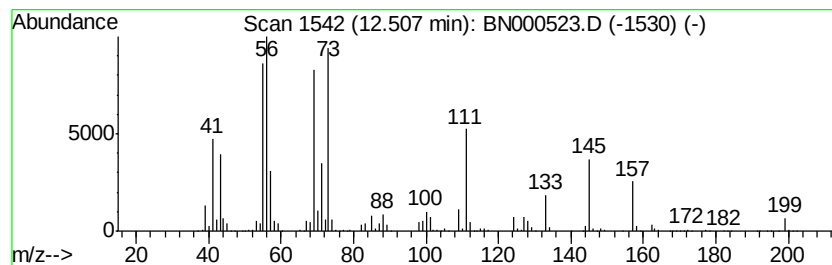
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	27.33 ng/ul	24838700	Napthalene-d8	11.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentane, 1,1-dimethyl-	98 C7H14	001638-26-2 43
2		1-Heptene, 6-methyl-	112 C8H16	005026-76-6 32
3		Cyclooctane, ethyl-	140 C10H20	013152-02-8 27
4		Cyclohexane, 1,3,5-trimethyl-	126 C9H18	001839-63-0 27
5		Cyclohexane, 1-ethyl-1,4-dimethy...	140 C10H20	062238-30-6 27



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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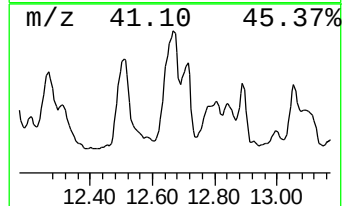
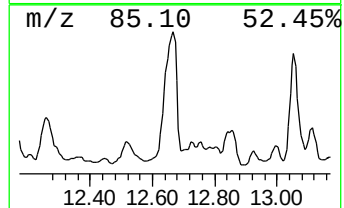
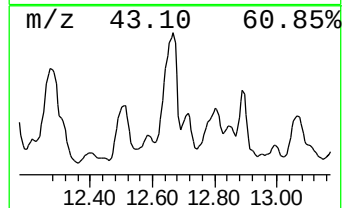
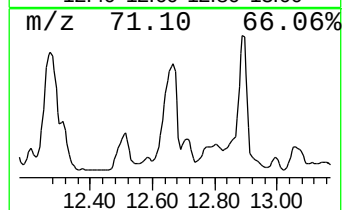
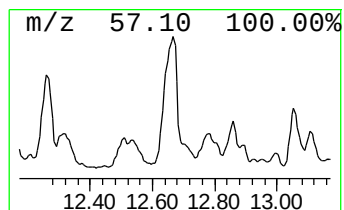
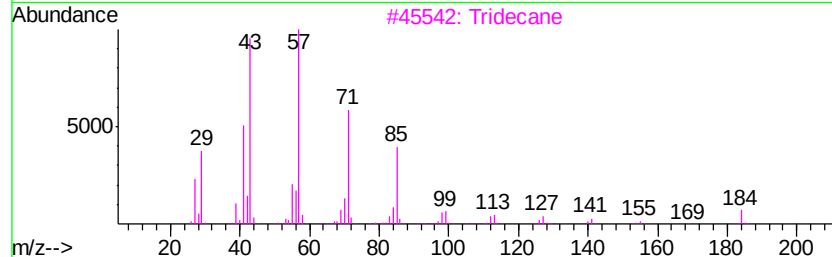
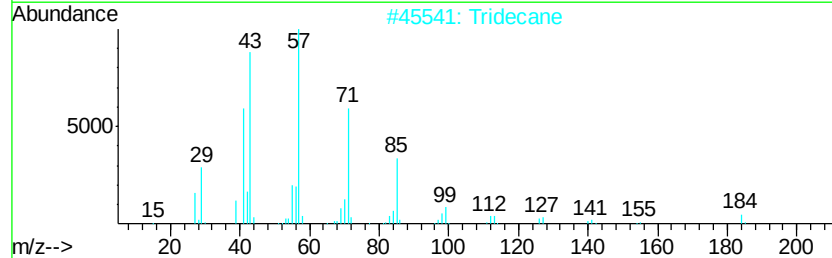
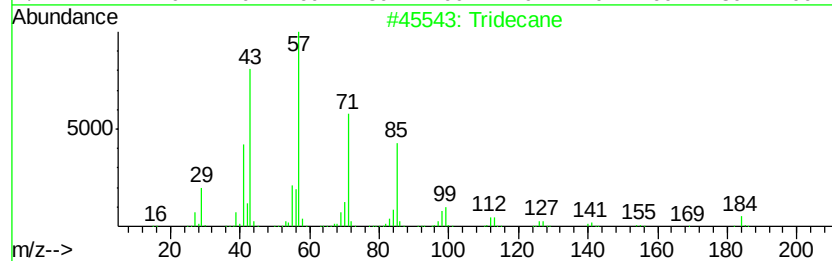
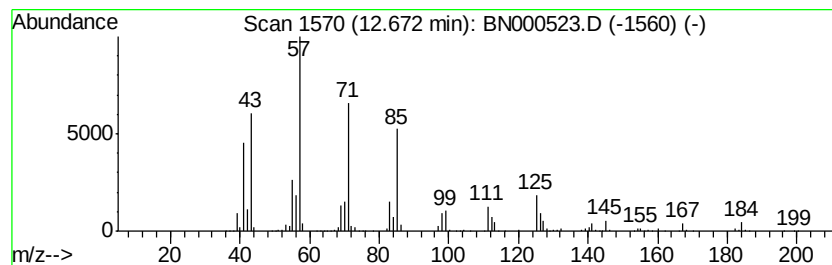
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	21.01 ng/ul	19094700	Napthalene-d8	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	93
2		Tridecane	184	C13H28	000629-50-5	91
3		Tridecane	184	C13H28	000629-50-5	74
4		Nonadecane	268	C19H40	000629-92-5	68
5		Tetradecane	198	C14H30	000629-59-4	68



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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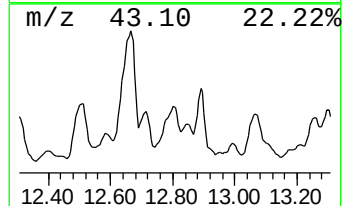
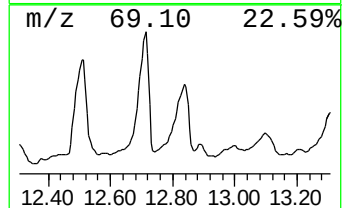
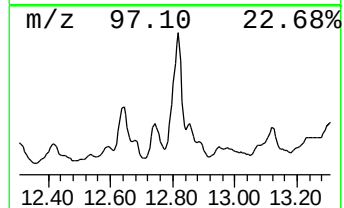
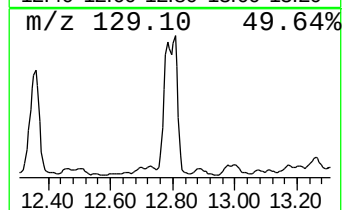
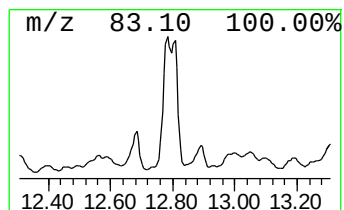
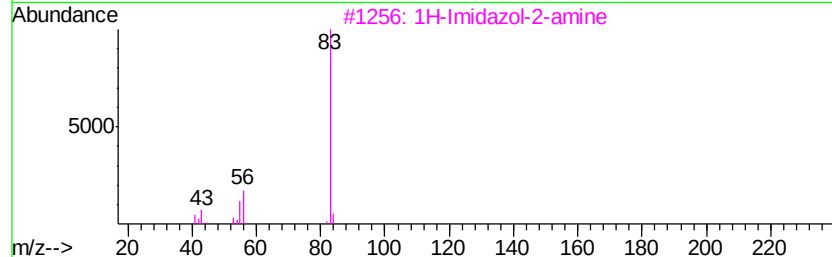
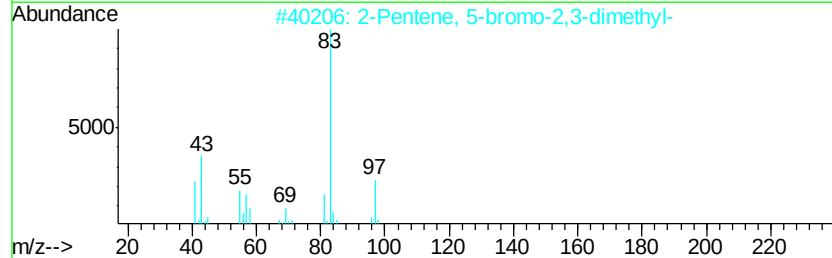
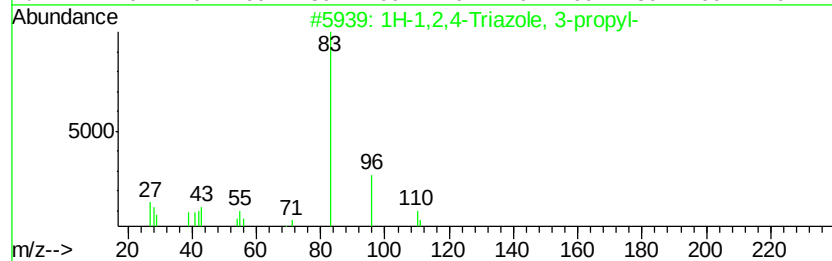
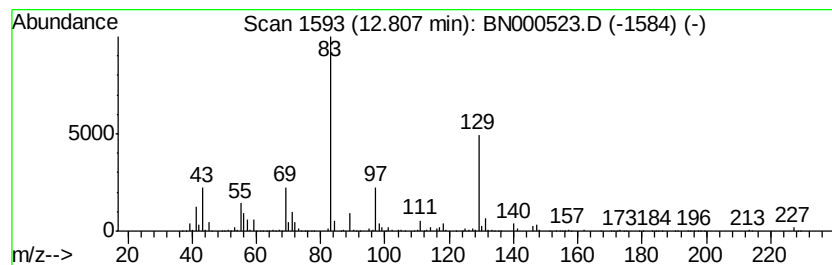
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 unknown-09 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	12.67 ng/ul	11511400	Napthalene-d8	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-1,2,4-Triazole, 3-propyl-	111	C5H9N3	019932-60-6	38
2		2-Pentene, 5-bromo-2,3-dimethyl-	176	C7H13Br	056312-52-8	28
3		1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	25
4		2-Methyl-4-octenal	140	C9H16O	030390-58-0	23
5		3-Methyl-2-butenic acid, allyl ...	140	C8H12O2	051552-26-2	23



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

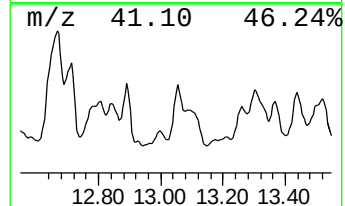
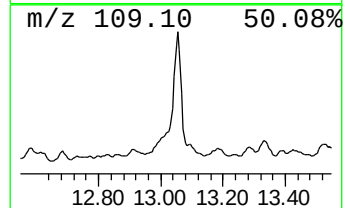
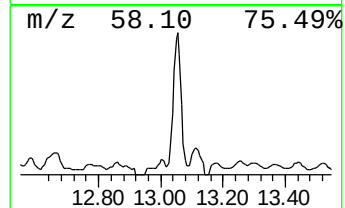
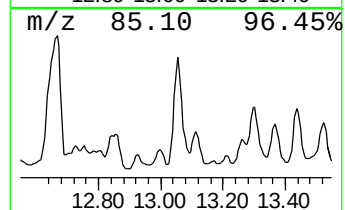
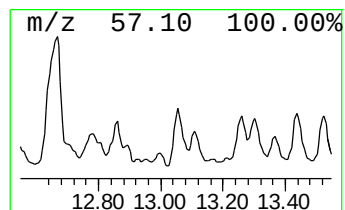
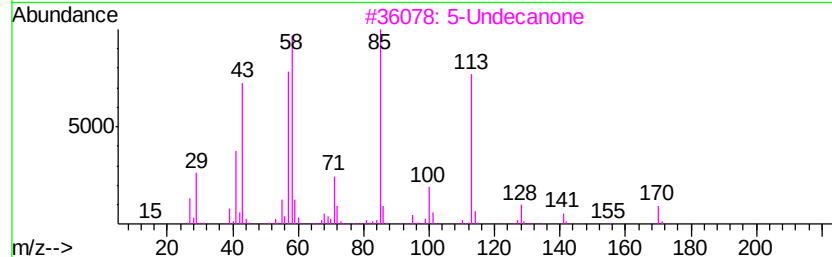
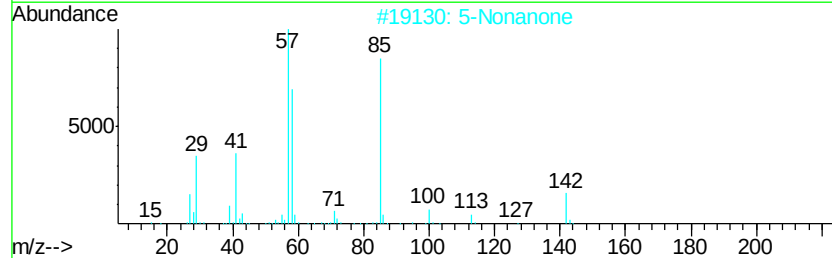
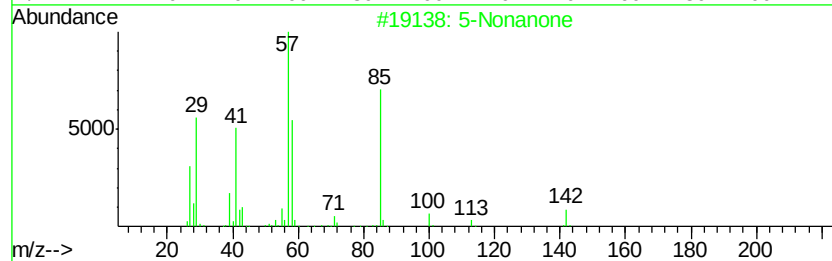
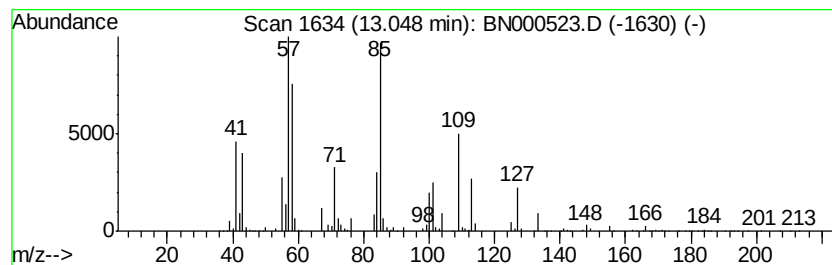
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 unknown-10 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	8.35 ng/ul	7589260	Napthalene-d8	11.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	5-Nonanone		142 C9H18O	000502-56-7 35
2	5-Nonanone		142 C9H18O	000502-56-7 35
3	5-Undecanone		170 C11H22O	033083-83-9 27
4	Thiazole		85 C3H3NS	000288-47-1 27
5	Butanoic acid, 3-methyl-, 2-prop...		142 C8H14O2	002835-39-4 27



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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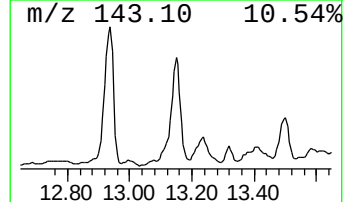
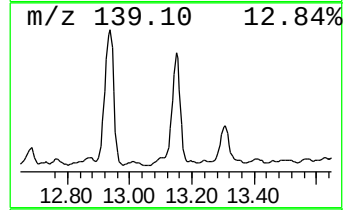
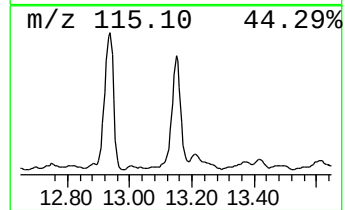
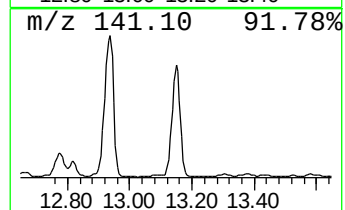
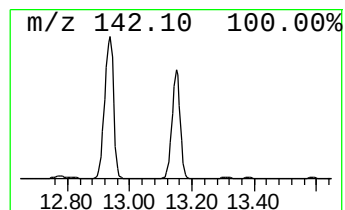
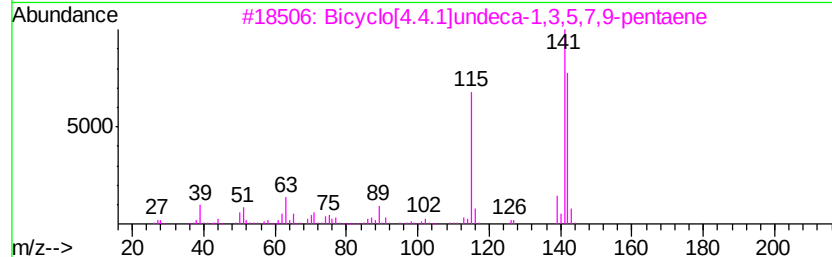
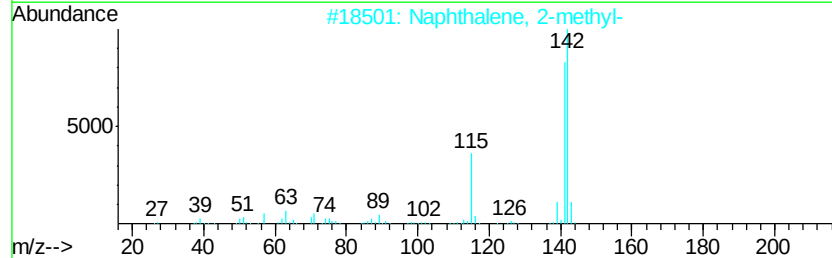
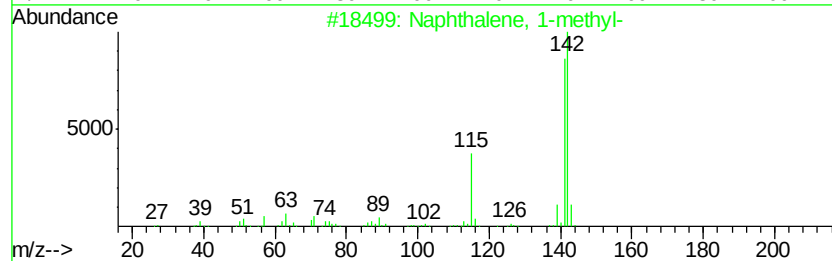
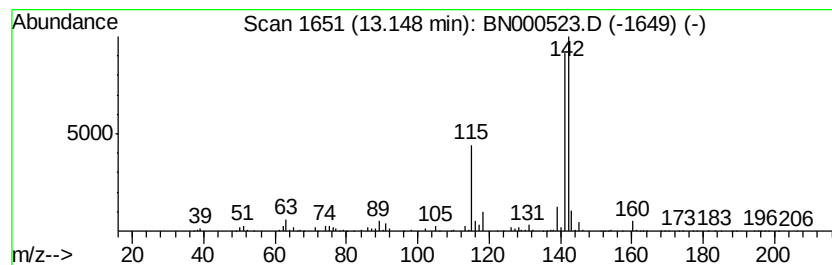
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 53 Naphthalene, 1-methyl- Concentration Rank 78

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	3.96 ng/ul	3602900	Naphthalene-d8	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
3		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	81
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	81
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	81



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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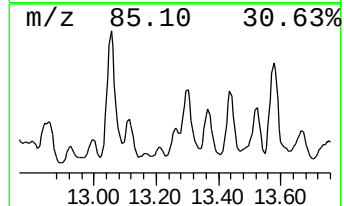
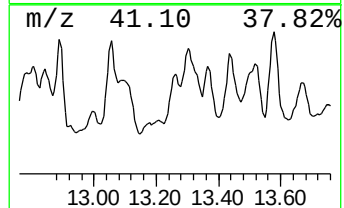
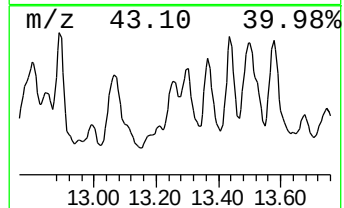
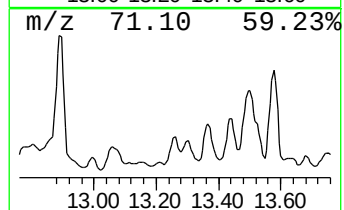
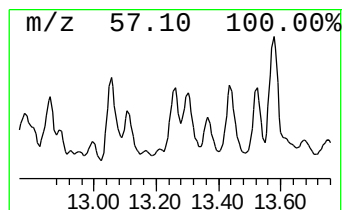
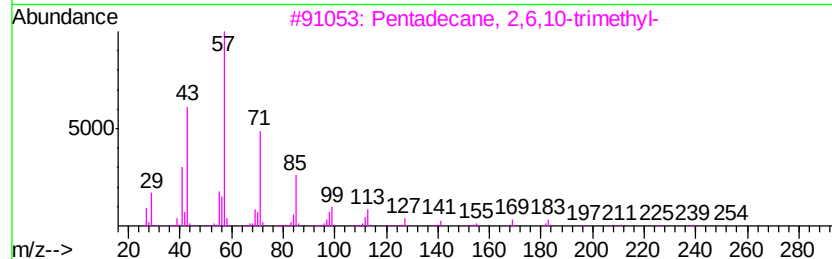
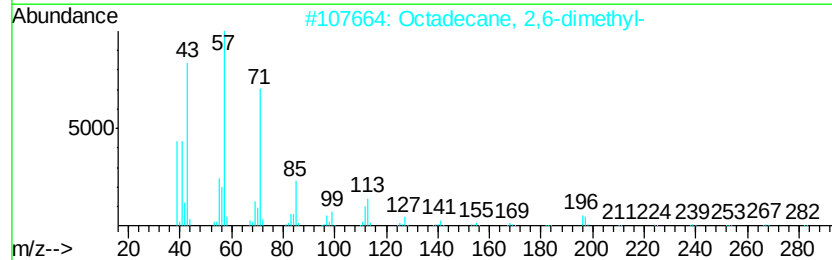
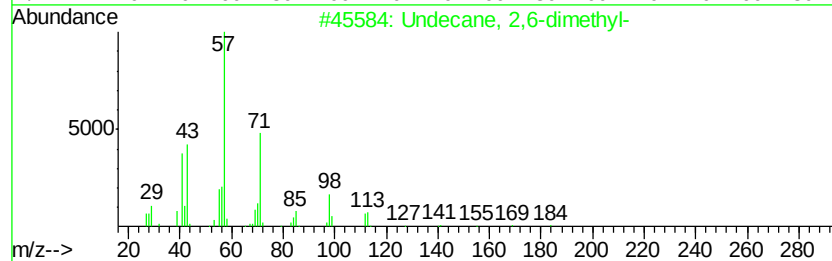
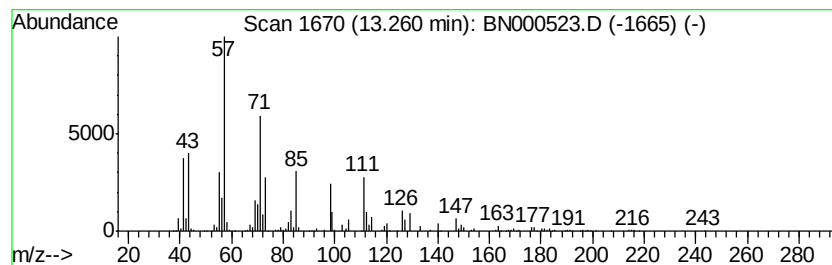
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	12.68 ng/ul	4956090	Acenaphthene-d10	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	43
2		Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	38
3		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	38
4		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	38
5		Hexacosane	366	C26H54	000630-01-3	35



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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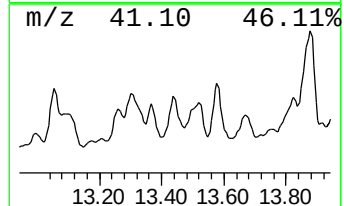
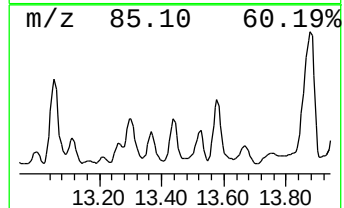
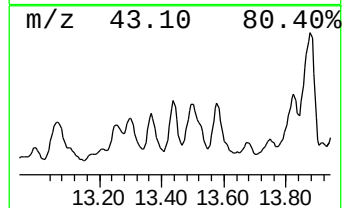
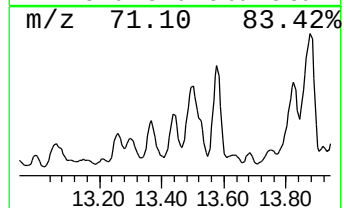
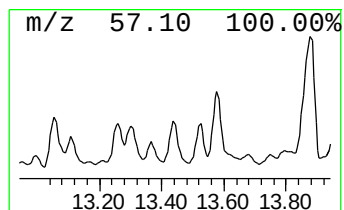
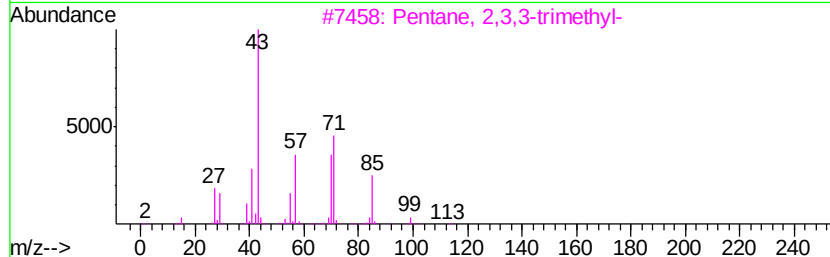
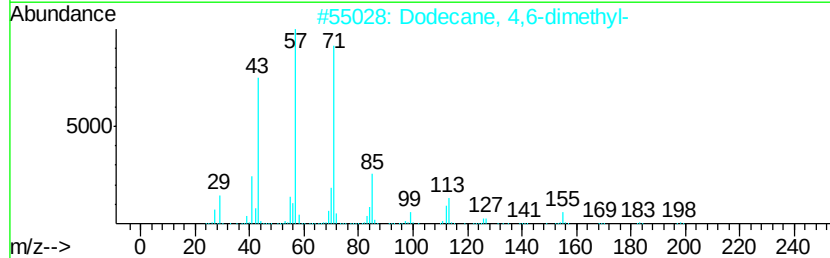
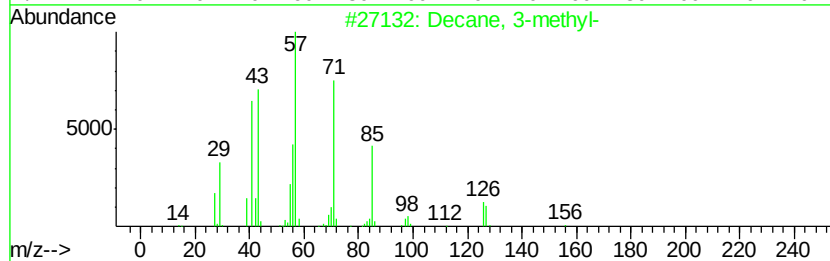
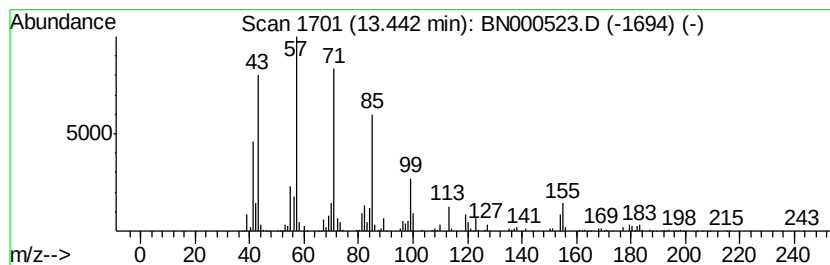
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	18.27 ng/ul	7141120	Acenaphthene-d10	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	64
2		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	58
3		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	53
4		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	50
5		Decane, 4-methyl-	156	C11H24	002847-72-5	49



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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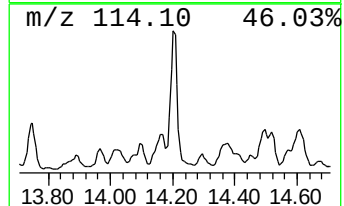
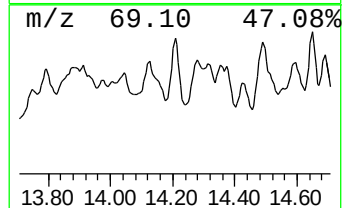
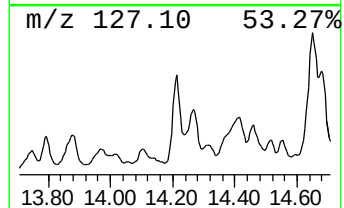
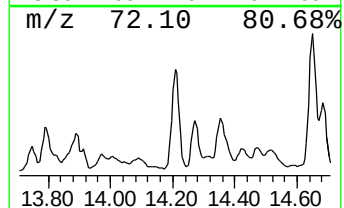
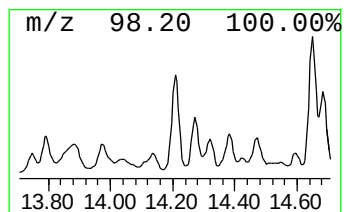
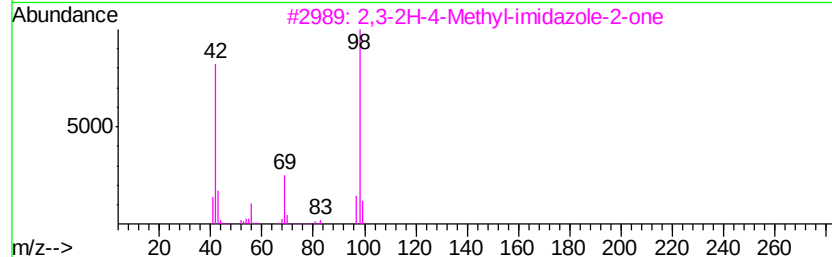
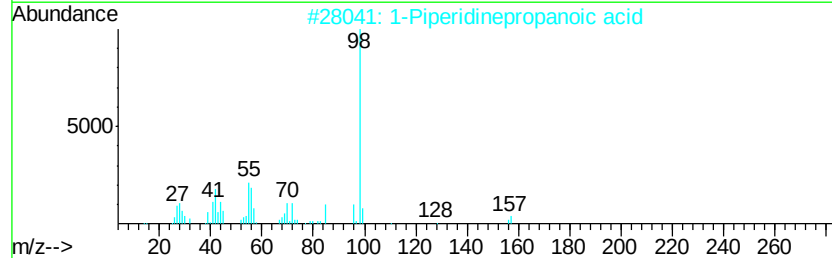
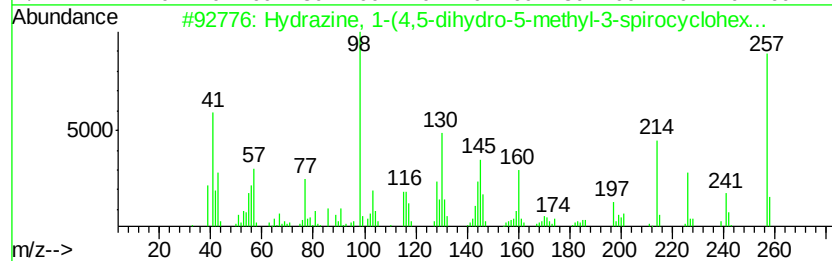
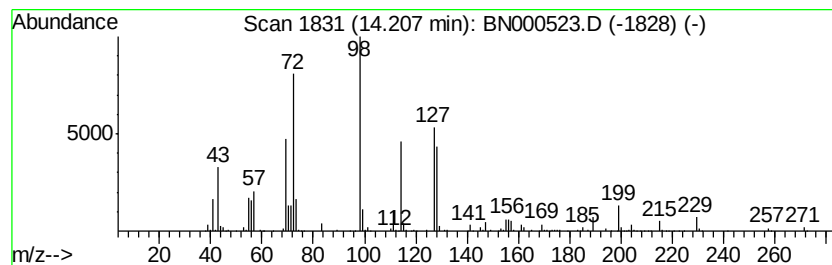
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 56 unknown-11 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	7.29 ng/ul	2849840	Acenaphthene-d10	15.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hydrazine, 1-(4,5-dihydro-5-meth...	257	C16H23N3	1000274-04-0	18
2			1-Piperidinepropanoic acid	157	C8H15NO2	026371-07-3	14
3			2,3-2H-4-Methyl-imidazole-2-one	98	C4H6N2O	039799-77-4	11
4			2-Methyl-6-propylpiperidine	141	C9H19N	068170-79-6	10
5			1-Piperidinepropanoic acid	157	C8H15NO2	026371-07-3	10



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
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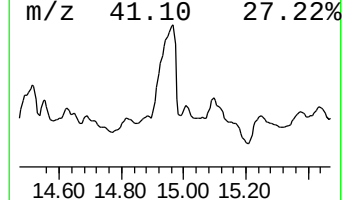
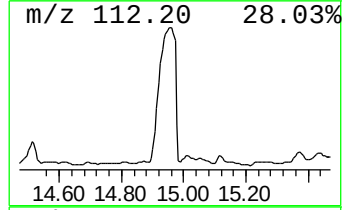
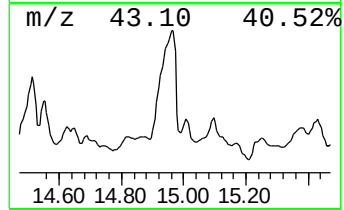
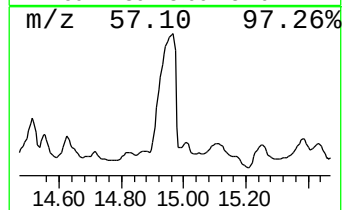
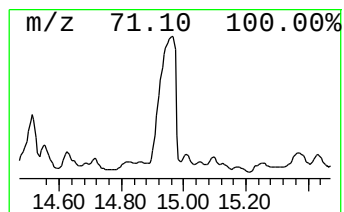
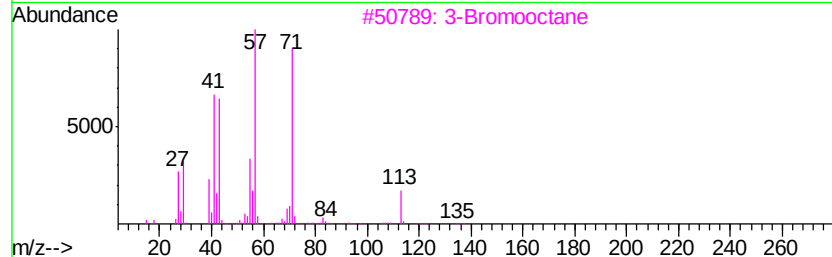
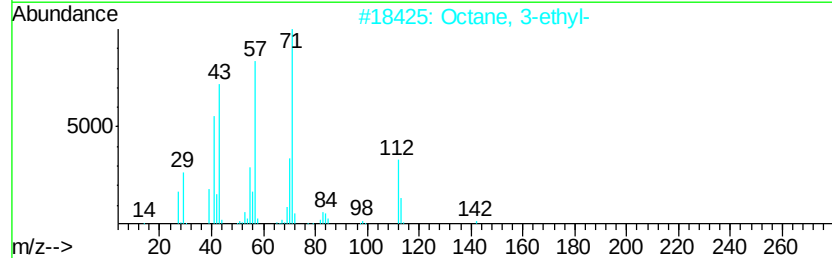
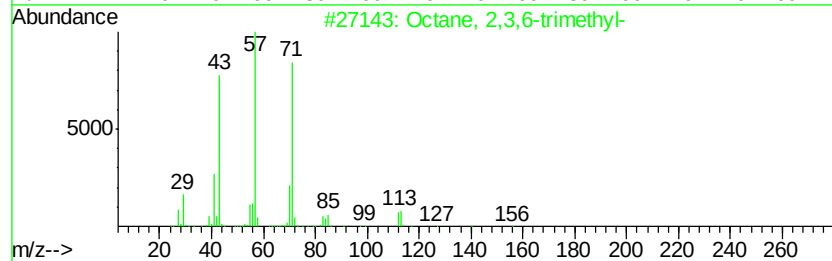
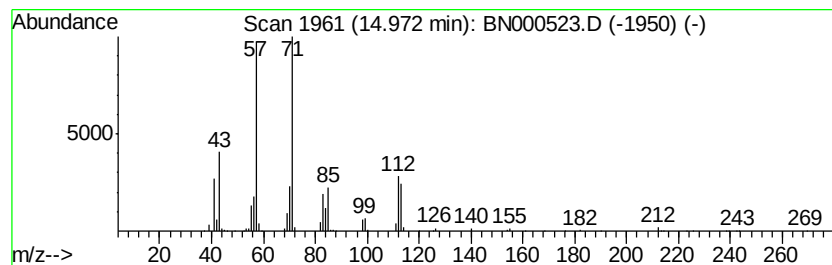
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	43.98 ng/ul	17186000	Acenaphthene-d10	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	64
2		Octane, 3-ethyl-	142	C10H22	005881-17-4	53
3		3-Bromooctane	192	C8H17Br	000999-64-4	50
4		Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	50
5		Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	38



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
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Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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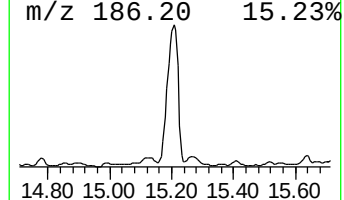
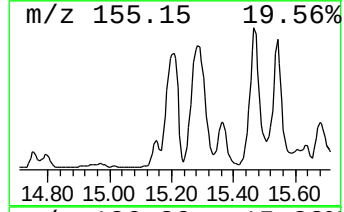
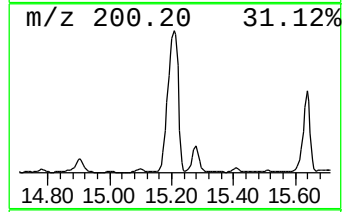
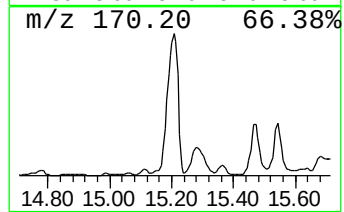
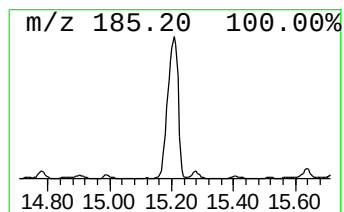
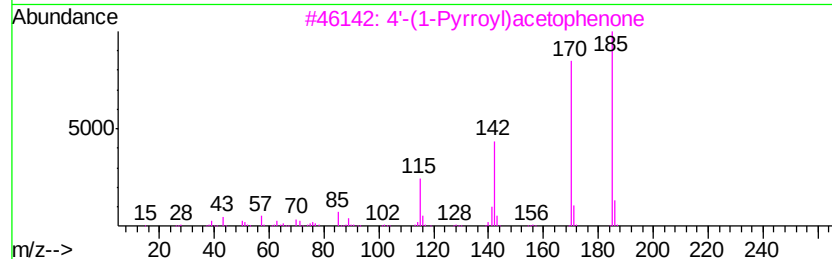
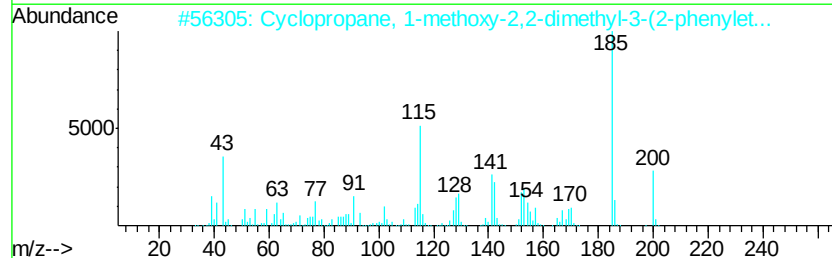
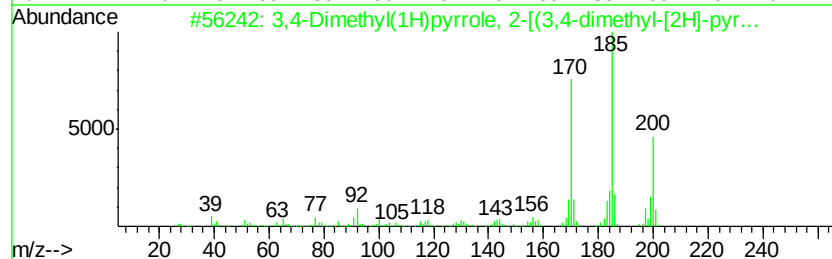
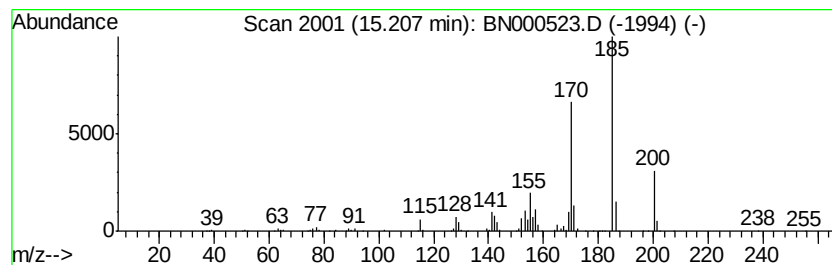
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 58 3,4-Dimethyl(1H)pyrrole, 2-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	47.61 ng/ul	18603700	Acenaphthene-d10	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4-Dimethyl(1H)pyrrole, 2-[(3,4...	200	C13H16N2	065539-79-9	74
2		Cyclopropane, 1-methoxy-2,2-dime...	200	C14H16O	1000271-83-0	64
3		4'-(1-Pyrrovl)acetophenone	185	C12H11NO	022106-37-2	58
4		9-Methyl-S-octahydroanthracene	200	C15H20	004948-51-0	53
5		1,2,3,4,5,6,7,8-Octahydro-1-meth...	200	C15H20	1000080-19-4	46



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM42

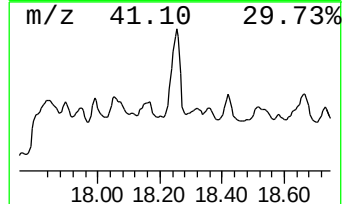
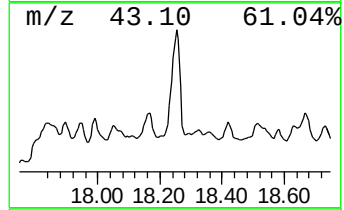
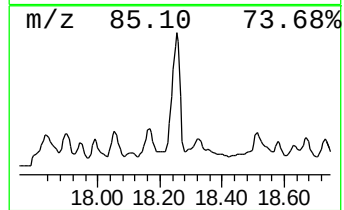
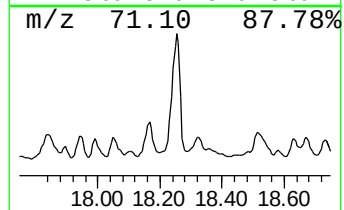
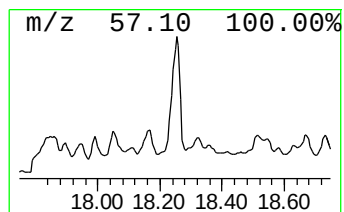
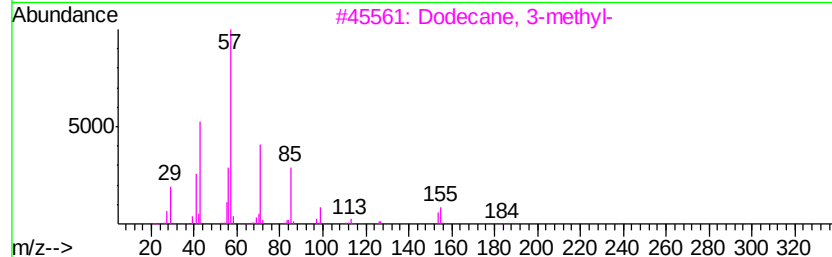
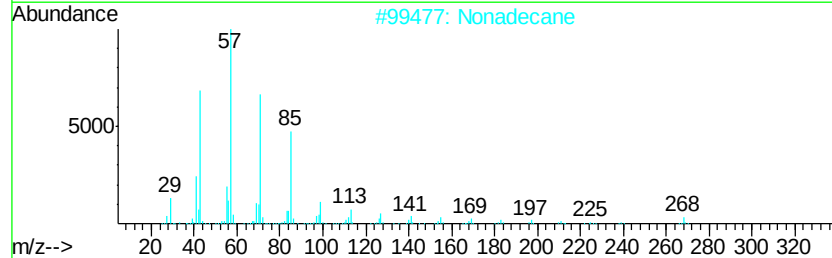
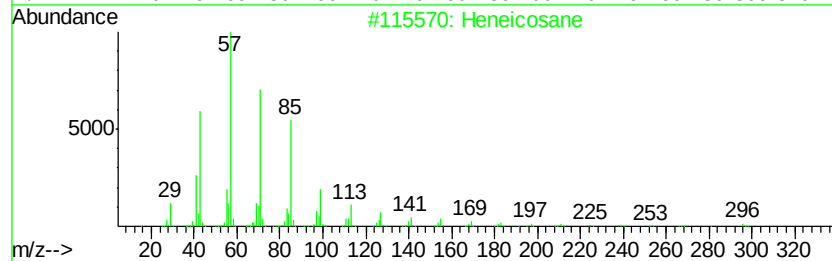
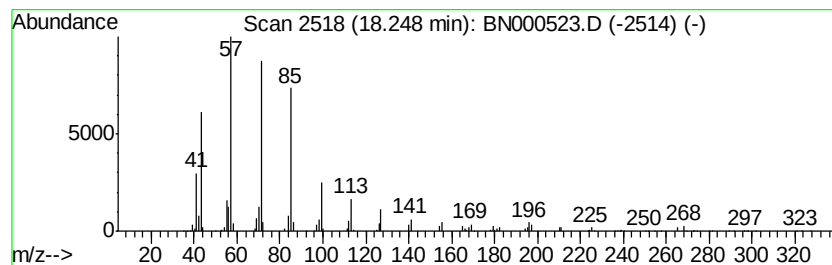
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	33.69 ng/ul	7108200	Phenanthrene-d10	17.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Nonadecane	268	C19H40	000629-92-5	87
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	86
4		Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	81
5		Octacosane	394	C28H58	000630-02-4	72



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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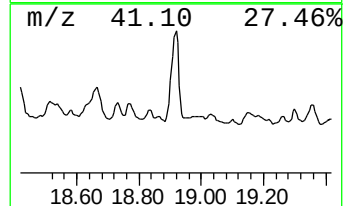
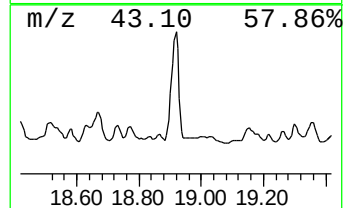
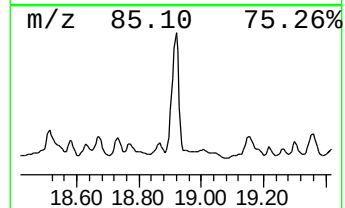
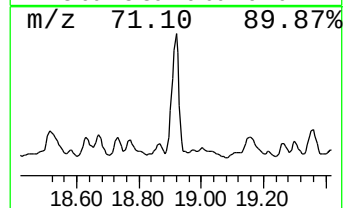
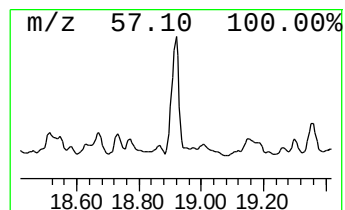
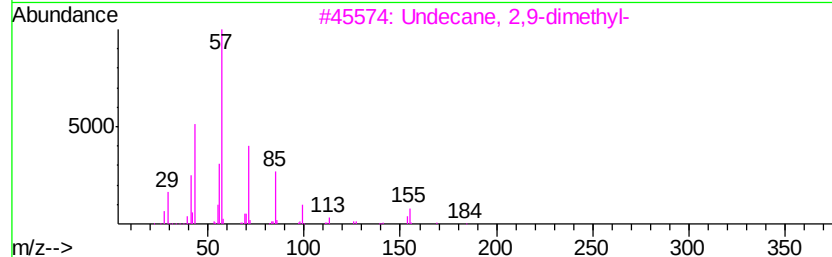
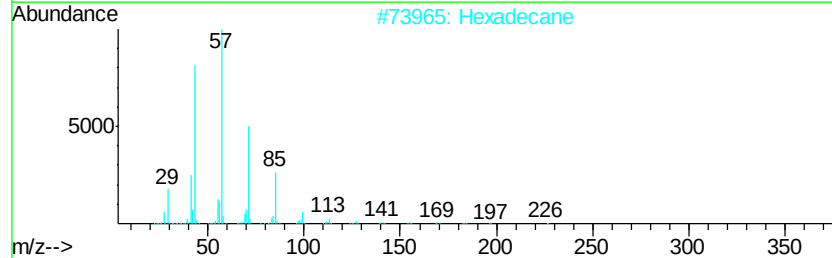
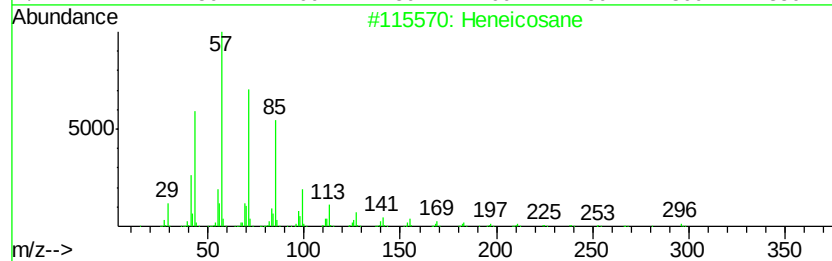
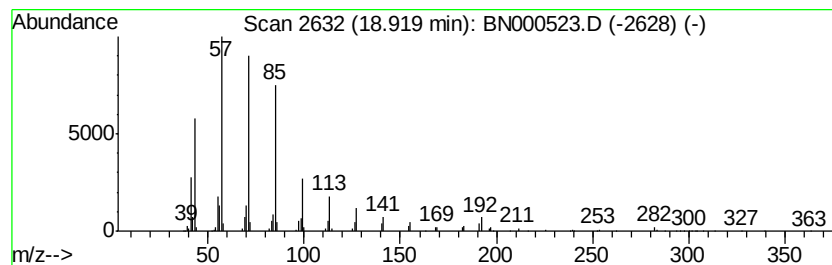
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	33.04 ng/ul	6970630	Phenanthrene-d10	17.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	87
2		Hexadecane	226	C16H34	000544-76-3	87
3		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	86
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	78
5		Heptadecane	240	C17H36	000629-78-7	72



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM42

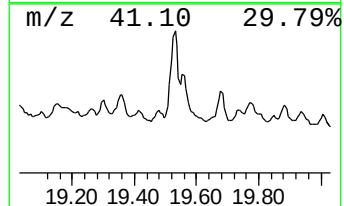
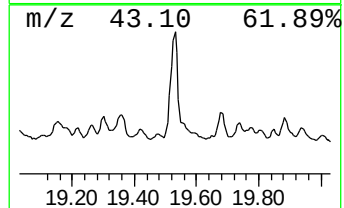
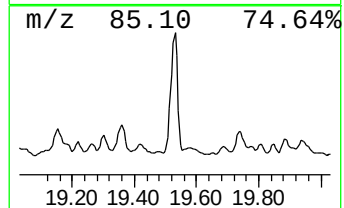
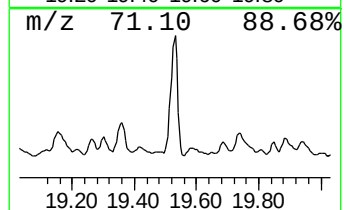
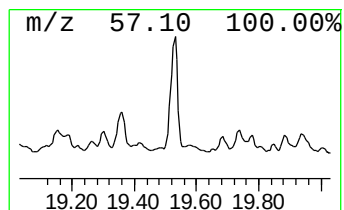
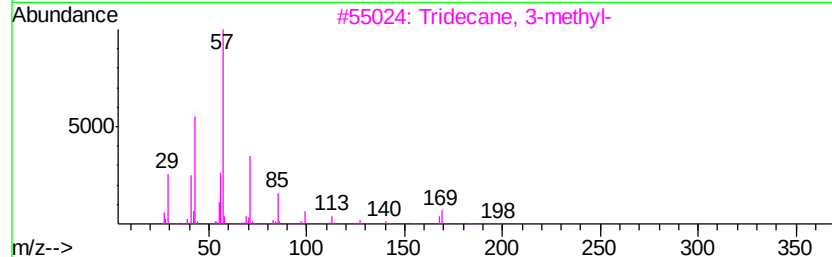
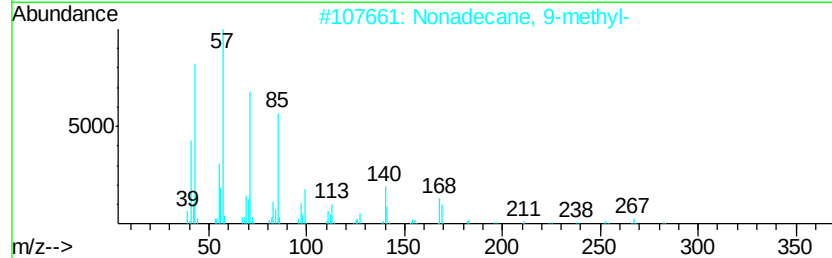
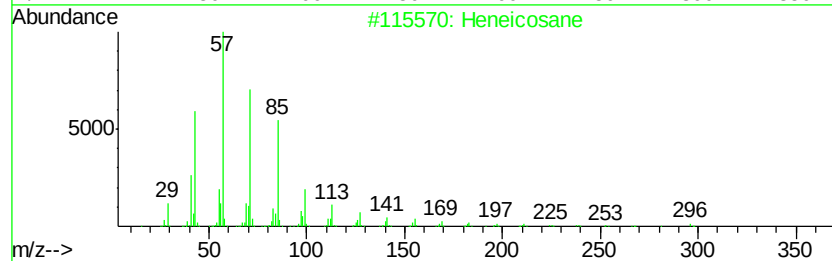
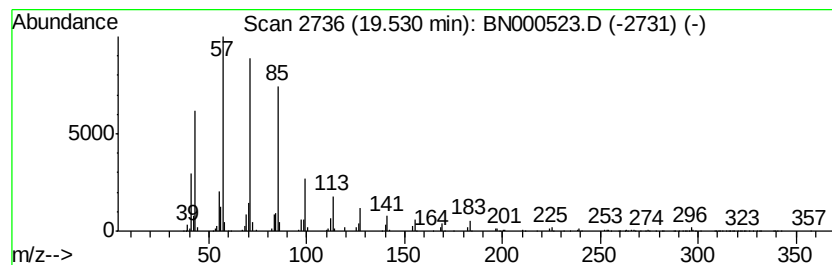
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.53	31.07 ng/ul	6555000	Phenanthrene-d10	17.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
3		Tridecane, 3-methyl-	198	C14H30	006418-41-3	91
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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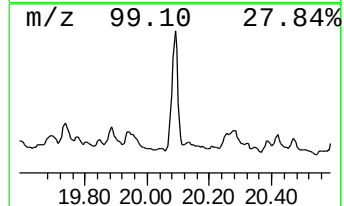
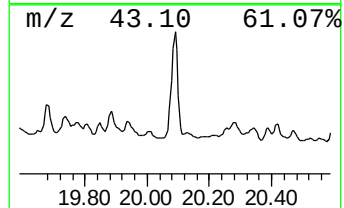
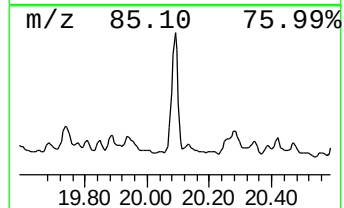
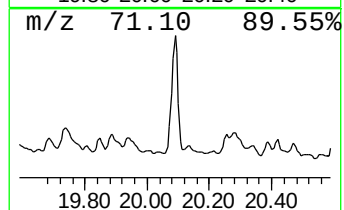
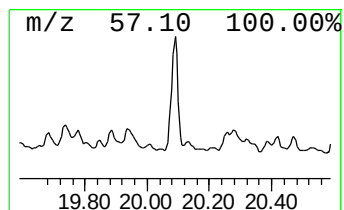
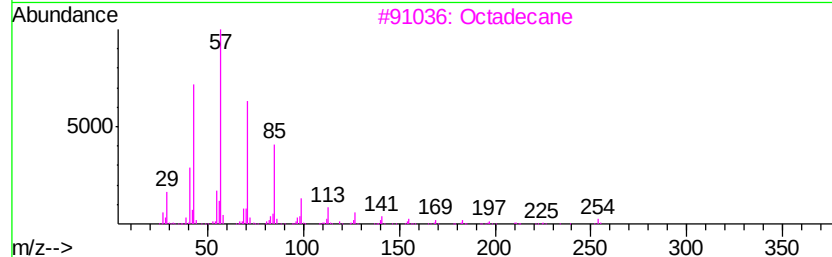
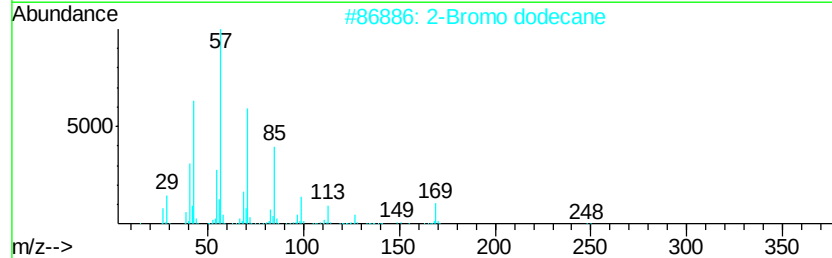
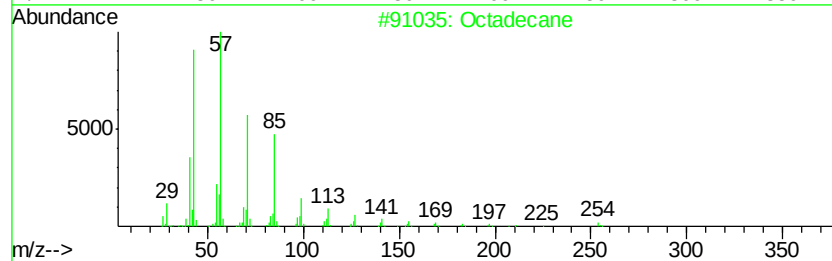
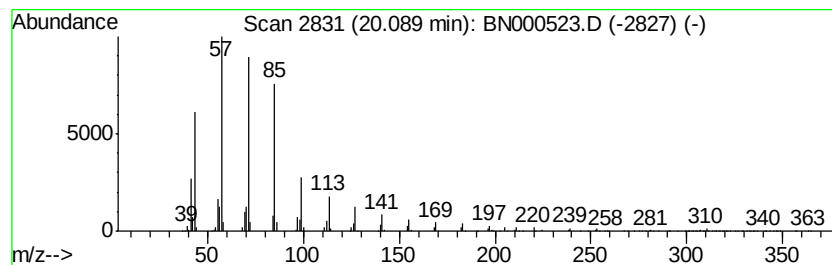
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	32.84 ng/ul	5858180	Chrysene-d12	21.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	94
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	94
3		Octadecane	254	C18H38	000593-45-3	91
4		Tridecane, 3-methyl-	198	C14H30	006418-41-3	91
5		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	87



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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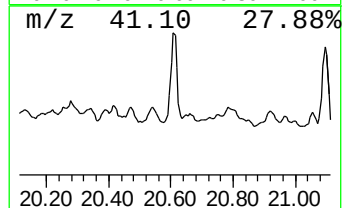
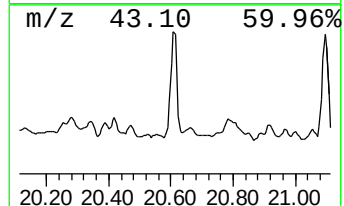
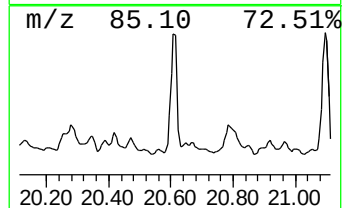
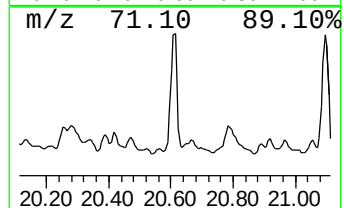
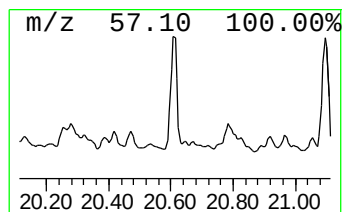
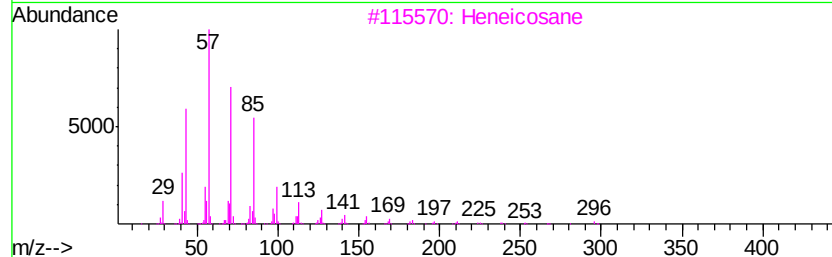
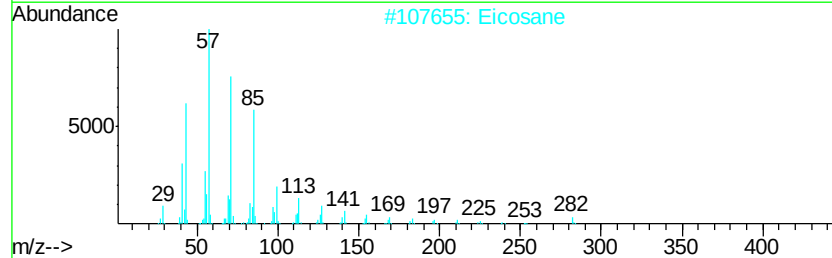
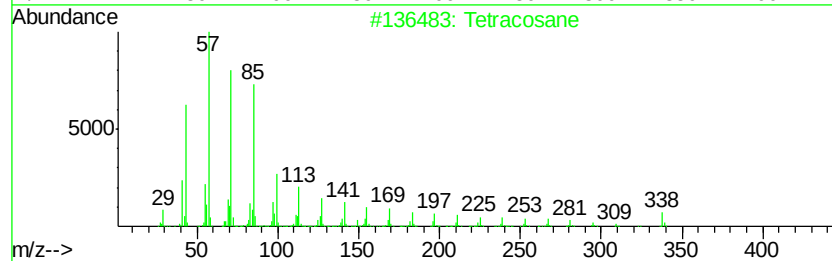
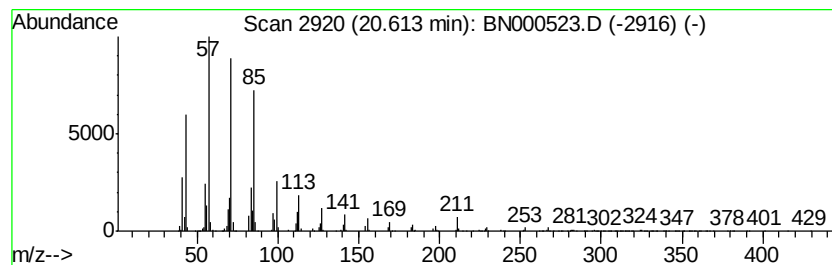
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.61	31.11 ng/ul	5550590	Chrysene-d12	21.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	89
2		Eicosane	282	C20H42	000112-95-8	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		Docosane	310	C22H46	000629-97-0	87
5		Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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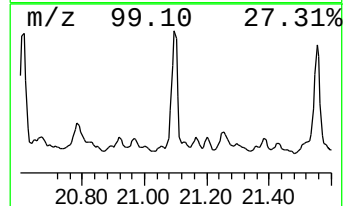
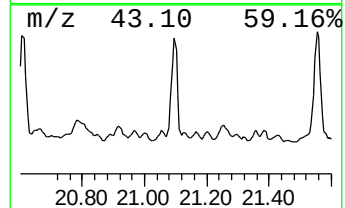
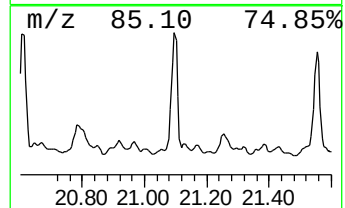
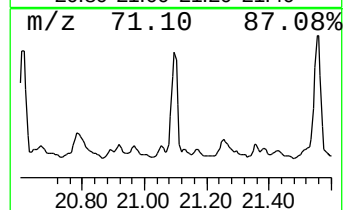
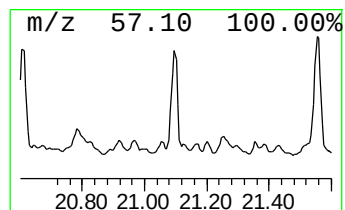
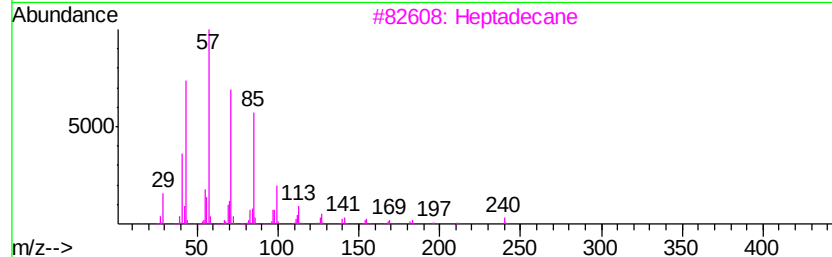
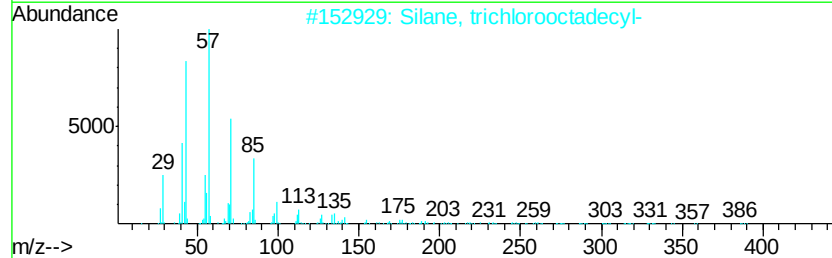
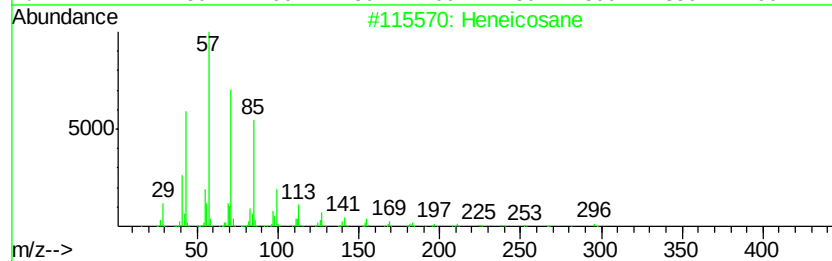
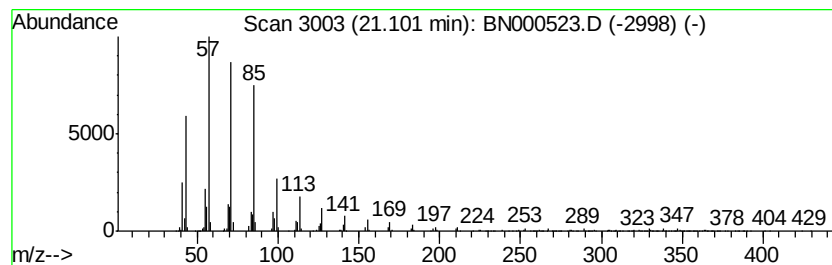
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	23.89 ng/ul	4261380	Chrysene-d12	21.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		triacontane	422	C30H62	000638-68-6	90
5		Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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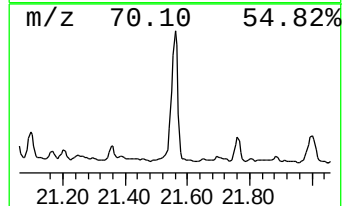
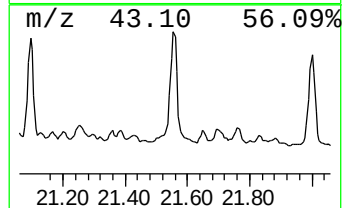
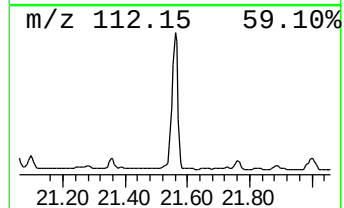
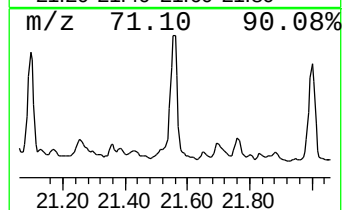
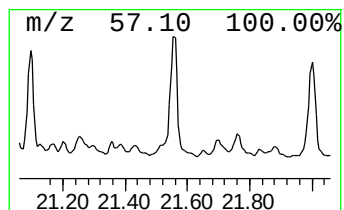
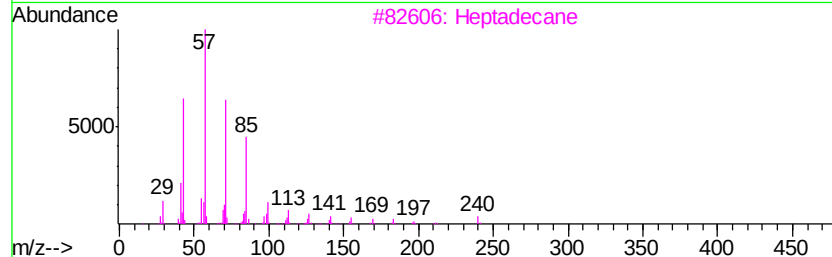
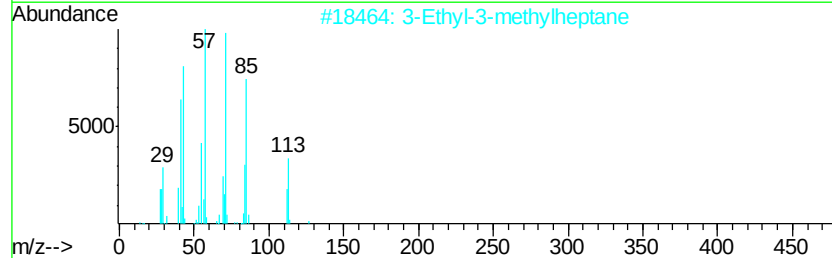
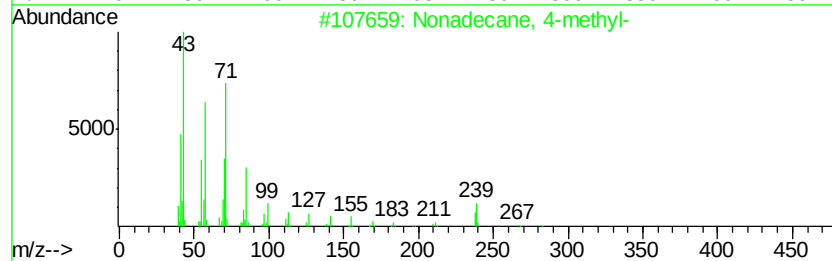
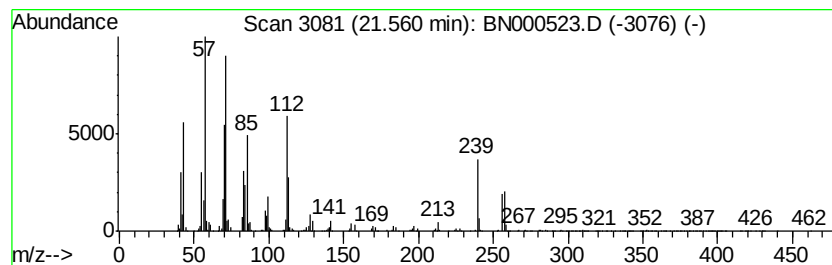
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	59.03 ng/ul	10531500	Chrysene-d12	21.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 4-methyl-	282	C20H42	025117-27-5	53
2		3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	49
3		Heptadecane	240	C17H36	000629-78-7	46
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	46
5		Hexadecane	226	C16H34	000544-76-3	38



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM42

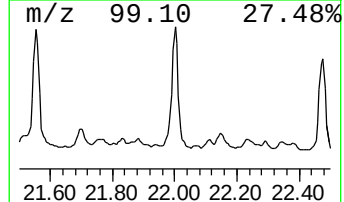
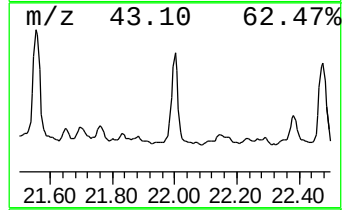
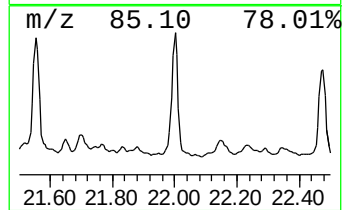
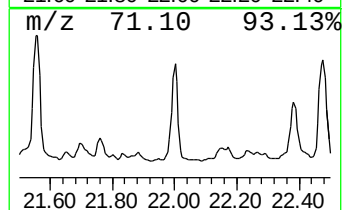
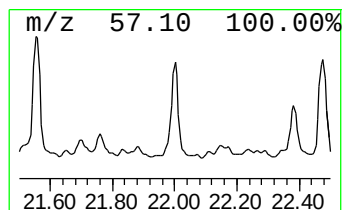
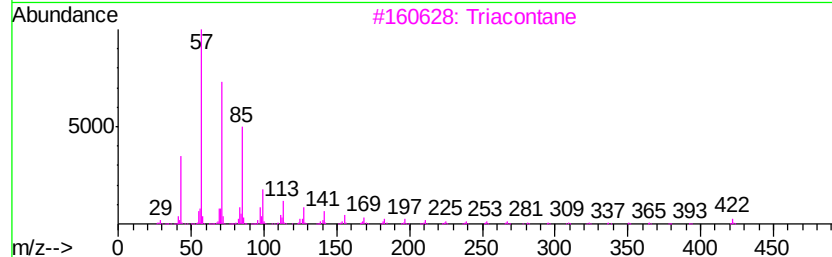
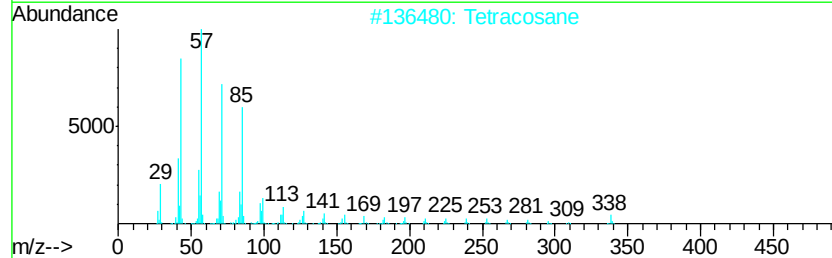
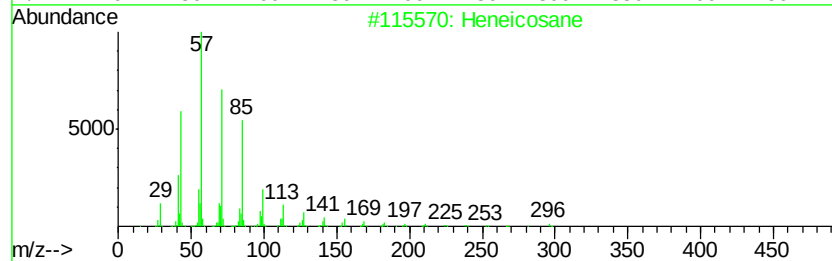
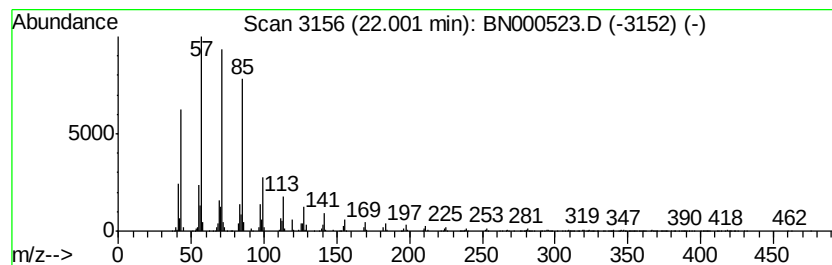
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 74 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.00	33.56 ng/ul	5987650	Chrysene-d12	21.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetracosane	338	C24H50	000646-31-1	87
3		Triacontane	422	C30H62	000638-68-6	87
4		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM42

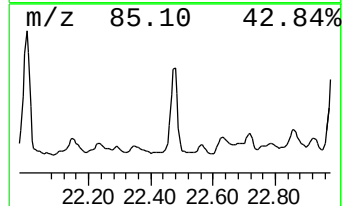
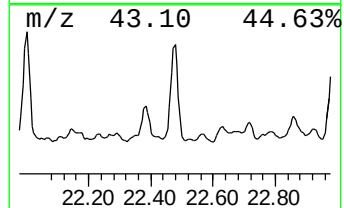
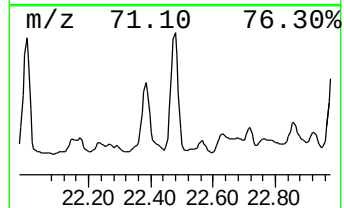
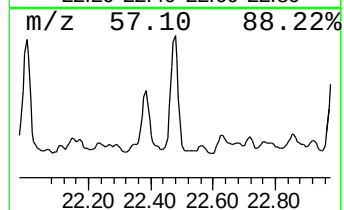
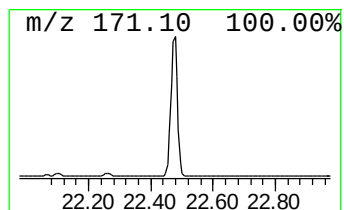
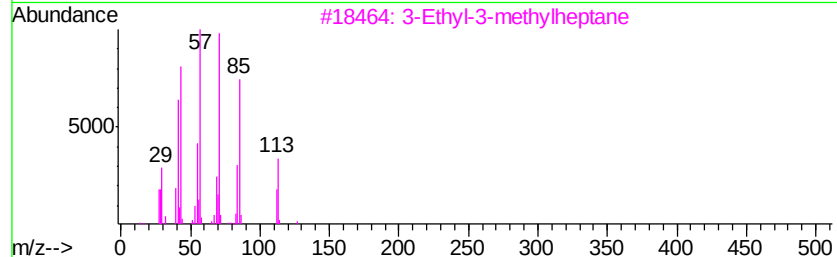
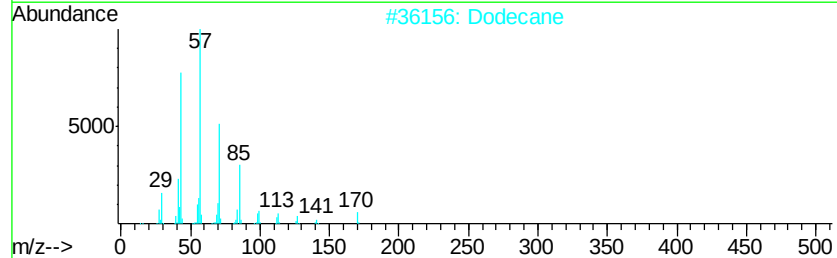
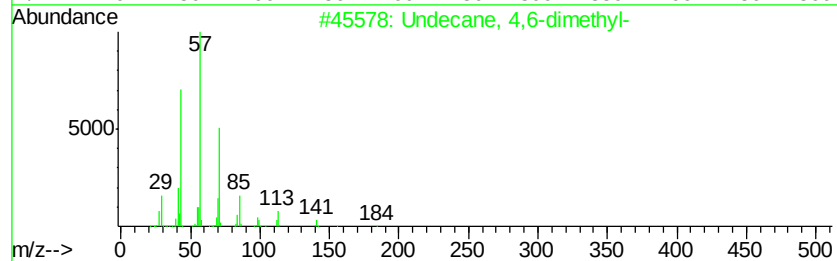
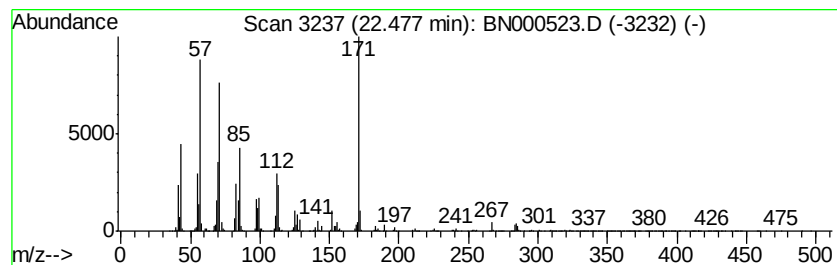
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 76 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	51.90 ng/ul	9259490	Chrysene-d12	21.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64
2		Dodecane	170	C12H26	000112-40-3	43
3		3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	43
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	38
5		Tridecane	184	C13H28	000629-50-5	38



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM42

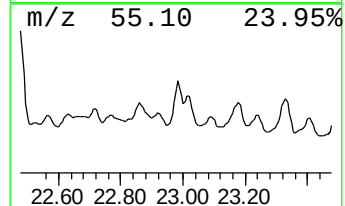
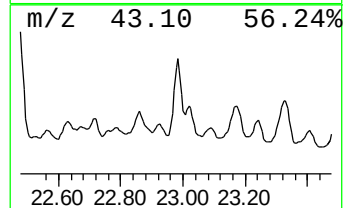
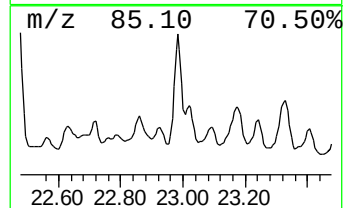
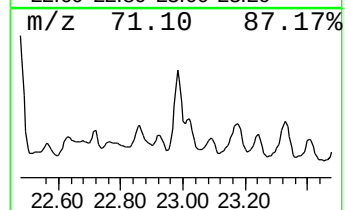
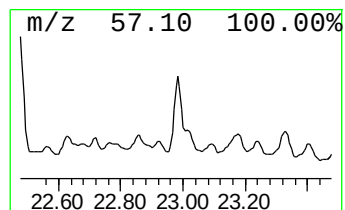
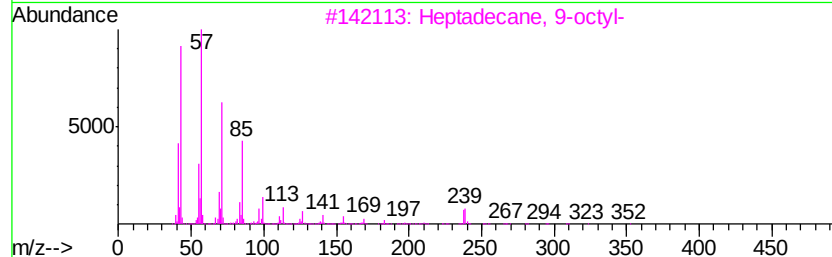
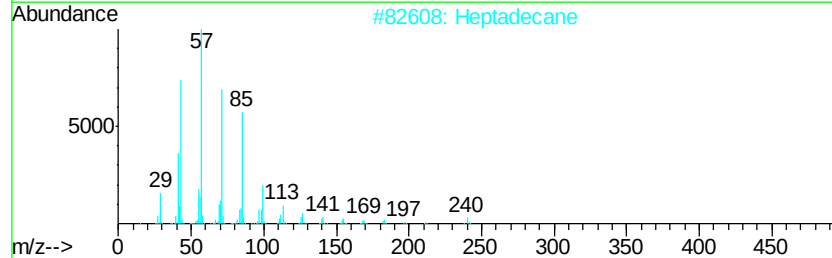
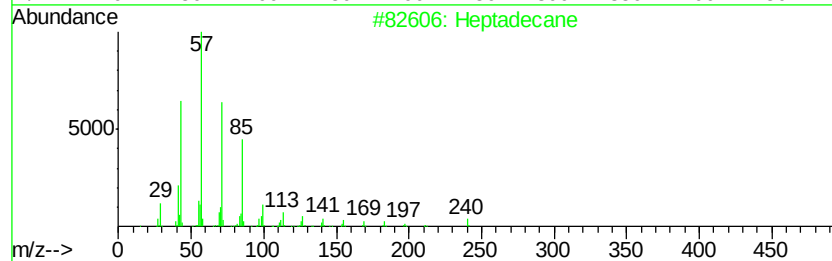
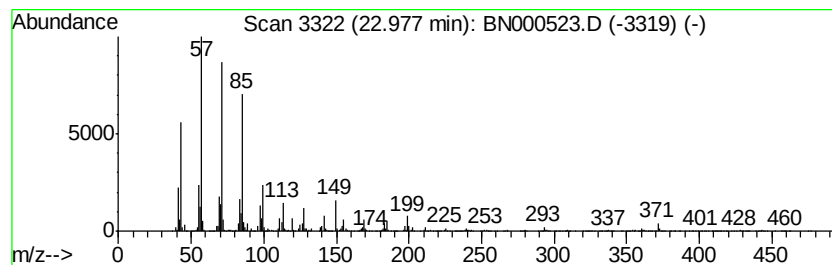
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 77 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.98	23.96 ng/ul	4274900	Chrysene-d12	21.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	93
2		Heptadecane	240	C17H36	000629-78-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Tetratriacontane	479	C34H70	014167-59-0	87
5		Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
Operator : JU/SJ
Sample : J1905-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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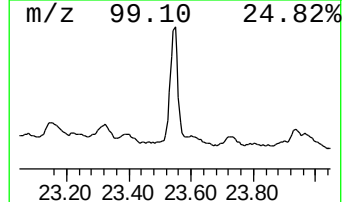
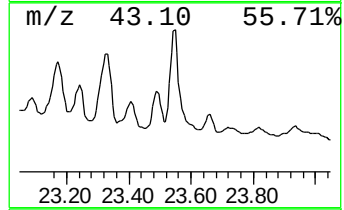
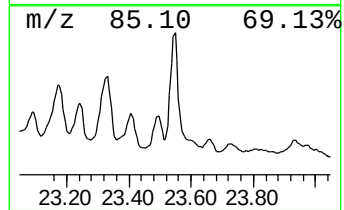
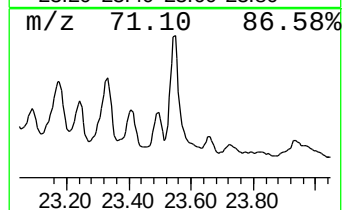
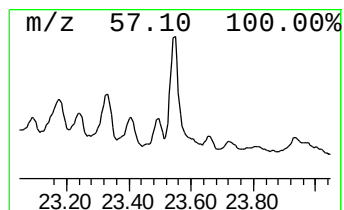
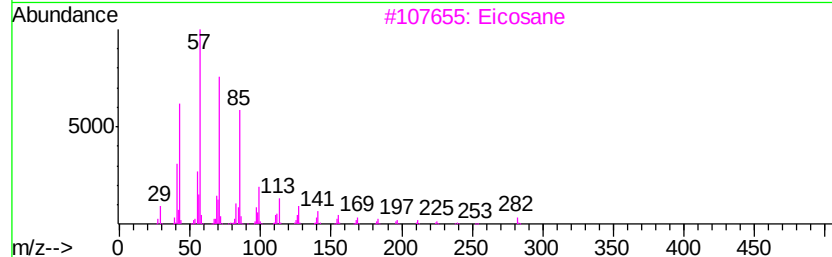
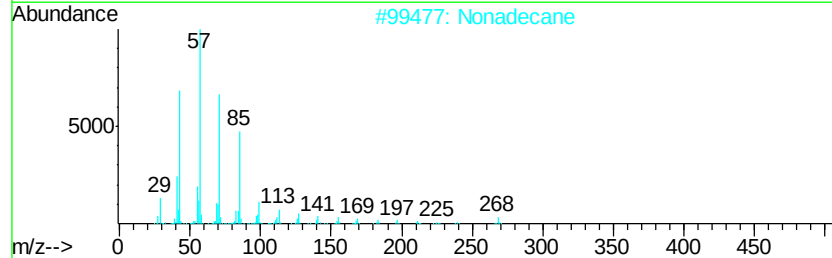
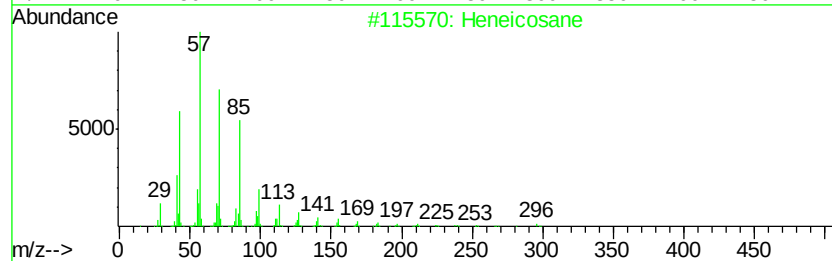
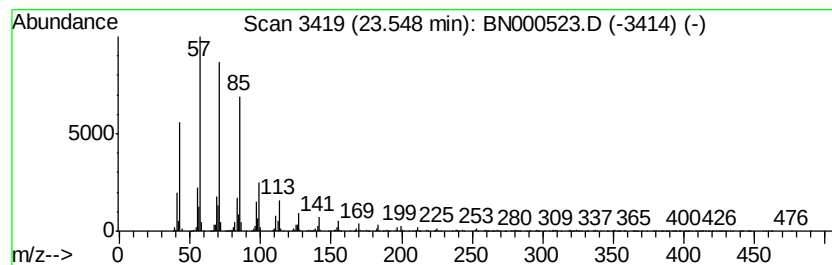
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 80 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.55	20.00 ng/ul	4928500	Perylene-d12	24.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Nonadecane	268	C19H40	000629-92-5	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
5		Tetratriacontane	479	C34H70	014167-59-0	90



Data Path : Z:\HPCHEM1\BNA_N\Data\BN032118\
 Data File : BN000523.D
 Acq On : 21 Mar 2018 17:01
 Operator : JU/SJ
 Sample : J1905-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM42

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Pentanone, 2,4-...	4.70	6.4	ng/ul	3344960	1	8.44	10383700	20.0
1-Butanol, 2-ethyl-	5.42	11.1	ng/ul	5759790	1	8.44	10383700	20.0
(DEL) Alkane: Str...	5.90	6.0	ng/ul	3129690	1	8.44	10383700	20.0
Benzene, 1,3-dime...	5.98	4.7	ng/ul	2419180	1	8.44	10383700	20.0
(DEL) Alkane: Cyc...	6.22	7.4	ng/ul	3828720	1	8.44	10383700	20.0
(DEL) Alkane: Str...	6.37	29.1	ng/ul	15121700	1	8.44	10383700	20.0
(DEL) Alkane: Str...	6.63	9.9	ng/ul	5158670	1	8.44	10383700	20.0
(DEL) Alkane: Str...	6.75	7.2	ng/ul	3716440	1	8.44	10383700	20.0
(DEL) Alkane: Cyc...	6.88	25.9	ng/ul	13463800	1	8.44	10383700	20.0
(DEL) Alkane: Str...	6.93	10.9	ng/ul	5654690	1	8.44	10383700	20.0
(DEL) Alkane: Cyc...	7.03	21.6	ng/ul	11209700	1	8.44	10383700	20.0
1,1-Hexylenedioxy...	7.13	8.9	ng/ul	4601650	1	8.44	10383700	20.0
(DEL) Alkane: Cyc...	7.21	4.0	ng/ul	2091000	1	8.44	10383700	20.0
(DEL) Alkane: Str...	7.28	7.6	ng/ul	3952750	1	8.44	10383700	20.0
(DEL) Alkane: Str...	7.38	25.7	ng/ul	13361200	1	8.44	10383700	20.0
Silane, trichloro...	7.44	13.0	ng/ul	6763910	1	8.44	10383700	20.0
Benzene, 1-ethyl-...	7.50	15.7	ng/ul	8158450	1	8.44	10383700	20.0
Benzene, 1-ethyl-...	7.81	24.4	ng/ul	12657400	1	8.44	10383700	20.0
(DEL) Alkane: Str...	8.06	68.0	ng/ul	35307300	1	8.44	10383700	20.0
(DEL) Alkane: Str...	8.24	4.6	ng/ul	2404470	1	8.44	10383700	20.0
(DEL) Alkane: Str...	8.33	16.5	ng/ul	8581410	1	8.44	10383700	20.0
1-Hexanol, 2-ethyl-	8.57	95.0	ng/ul	49304700	1	8.44	10383700	20.0
unknown-01	8.68	33.8	ng/ul	17562300	1	8.44	10383700	20.0
Cyclohexanone, 3,...	8.94	75.7	ng/ul	39279200	1	8.44	10383700	20.0
unknown-02	9.01	26.6	ng/ul	13787700	1	8.44	10383700	20.0
Benzene, 1-ethyl-...	9.10	41.1	ng/ul	21362000	1	8.44	10383700	20.0
Benzene, 1-methyl...	9.47	18.1	ng/ul	9424590	1	8.44	10383700	20.0
Benzene, 1-methyl...	9.57	25.3	ng/ul	13129900	1	8.44	10383700	20.0
(DEL) Alkane: Str...	9.70	70.6	ng/ul	36638100	1	8.44	10383700	20.0
unknown-03	9.81	38.3	ng/ul	19907900	1	8.44	10383700	20.0
unknown-04	9.90	13.5	ng/ul	12246600	2	11.29	18174200	20.0
(DEL) Alkane: Str...	10.08	10.6	ng/ul	9628060	2	11.29	18174200	20.0
Benzene, 2-ethyl-...	10.47	8.7	ng/ul	7881580	2	11.29	18174200	20.0
(DEL) Alkane: Str...	10.59	6.1	ng/ul	5516660	2	11.29	18174200	20.0
Benzene, 1,4-diet...	10.63	5.2	ng/ul	4708270	2	11.29	18174200	20.0
unknown-05	10.67	10.5	ng/ul	9547220	2	11.29	18174200	20.0
Benzene, 1-methyl...	10.73	4.3	ng/ul	3904760	2	11.29	18174200	20.0
(DEL) Alkane: Str...	10.77	3.7	ng/ul	3387850	2	11.29	18174200	20.0
unknown-06	10.85	9.0	ng/ul	8139710	2	11.29	18174200	20.0
unknown-07	11.57	5.3	ng/ul	4860830	2	11.29	18174200	20.0
2,4-Dipropyl-5-et...	11.65	23.0	ng/ul	20921800	2	11.29	18174200	20.0
(DEL) Alkane: Str...	11.78	8.8	ng/ul	8025320	2	11.29	18174200	20.0
(DEL) Alkane: Cyc...	11.88	6.7	ng/ul	6073360	2	11.29	18174200	20.0
(DEL) Alkane: Cyc...	11.97	9.3	ng/ul	8488790	2	11.29	18174200	20.0
(DEL) Alkane: Str...	12.08	3.7	ng/ul	3379230	2	11.29	18174200	20.0
unknown-08	12.15	6.7	ng/ul	6048440	2	11.29	18174200	20.0
(DEL) Alkane: Str...	12.27	10.2	ng/ul	9258580	2	11.29	18174200	20.0
Benzene, 1,3,5-tr...	12.36	20.5	ng/ul	18616300	2	11.29	18174200	20.0
(DEL) Alkane: Str...	12.51	27.3	ng/ul	24838700	2	11.29	18174200	20.0

(DEL) Alkane: Str...	12.67	21.0	ng/ul	19094700	2	11.29	18174200	20.0
unknown-09	12.81	12.7	ng/ul	11511400	2	11.29	18174200	20.0
unknown-10	13.05	8.3	ng/ul	7589260	2	11.29	18174200	20.0
Naphthalene, 1-me...	13.15	4.0	ng/ul	3602900	2	11.29	18174200	20.0
(DEL) Alkane: Str...	13.26	12.7	ng/ul	4956090	3	15.07	7815820	20.0
(DEL) Alkane: Str...	13.44	18.3	ng/ul	7141120	3	15.07	7815820	20.0
unknown-11	14.21	7.3	ng/ul	2849840	3	15.07	7815820	20.0
(DEL) Alkane: Str...	14.97	44.0	ng/ul	17186000	3	15.07	7815820	20.0
3,4-Dimethyl(1H)p...	15.21	47.6	ng/ul	18603700	3	15.07	7815820	20.0
(DEL) Alkane: Str...	18.25	33.7	ng/ul	7108200	4	17.94	4219190	20.0
(DEL) Alkane: Str...	18.92	33.0	ng/ul	6970630	4	17.94	4219190	20.0
(DEL) Alkane: Str...	19.53	31.1	ng/ul	6555000	4	17.94	4219190	20.0
(DEL) Alkane: Str...	20.09	32.8	ng/ul	5858180	5	21.91	3568130	20.0
(DEL) Alkane: Str...	20.61	31.1	ng/ul	5550590	5	21.91	3568130	20.0
(DEL) Alkane: Str...	21.10	23.9	ng/ul	4261380	5	21.91	3568130	20.0
(DEL) Alkane: Str...	21.56	59.0	ng/ul	10531500	5	21.91	3568130	20.0
(DEL) Alkane: Str...	22.00	33.6	ng/ul	5987650	5	21.91	3568130	20.0
(DEL) Alkane: Str...	22.48	51.9	ng/ul	9259490	5	21.91	3568130	20.0
(DEL) Alkane: Str...	22.98	24.0	ng/ul	4274900	5	21.91	3568130	20.0
(DEL) Alkane: Str...	23.55	20.0	ng/ul	4928500	6	24.40	4928500	20.0

Instrument :
BNA_N
ClientSampleId :
DAM42