

Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
 Data File : BN000564.D
 Acq On : 23 Mar 2018 05:02
 Operator : JU/SJ
 Sample : J1905-06DL2 50X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM41DL2

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	6.349	489	495	502	rVB2	228671	357177	6.24%	0.614%
2	7.002	601	606	617	rVB3	74538	204681	3.57%	0.352%
3	7.355	662	666	671	rVB	155124	216072	3.77%	0.371%
4	7.414	671	676	681	rVB	157867	219076	3.82%	0.377%
5	7.466	681	685	690	rBV	139703	205070	3.58%	0.352%
6	7.525	690	695	701	rBV2	258646	399705	6.98%	0.687%
7	8.002	770	776	780	rBV	864654	1233170	21.53%	2.120%
8	8.043	780	783	791	rVB	216860	327050	5.71%	0.562%
9	8.361	832	837	841	rBV	181847	241290	4.21%	0.415%
10	8.413	841	846	850	rBV	704533	1150682	20.09%	1.978%
11	8.455	850	853	859	rVB	302280	450383	7.86%	0.774%
12	8.525	859	865	870	rBV3	130278	244714	4.27%	0.421%
13	8.919	925	932	935	rVV2	145863	293005	5.12%	0.504%
14	8.978	935	942	948	rVB2	191400	460930	8.05%	0.792%
15	9.049	948	954	962	rBV2	424079	733871	12.81%	1.261%
16	9.160	967	973	977	rBV	215524	334856	5.85%	0.576%
17	9.366	1003	1008	1013	rBV	110509	197190	3.44%	0.339%
18	9.419	1013	1017	1023	rVB	116937	212368	3.71%	0.365%
19	9.519	1030	1034	1044	rVV	186982	334245	5.84%	0.575%
20	9.625	1044	1052	1058	rVB	1116377	1700716	29.69%	2.923%
21	9.766	1064	1076	1084	rBV9	99616	359913	6.28%	0.619%
22	9.860	1084	1092	1097	rBV4	88189	247957	4.33%	0.426%
23	10.049	1120	1124	1130	rVB2	113481	183939	3.21%	0.316%
24	10.307	1157	1168	1171	rBV5	52399	180764	3.16%	0.311%
25	10.349	1171	1175	1182	rVB3	151180	262200	4.58%	0.451%
26	10.478	1194	1197	1204	rVB3	149554	244755	4.27%	0.421%
27	10.631	1217	1223	1229	rBV3	182046	289673	5.06%	0.498%
28	10.731	1235	1240	1245	rVB2	112963	236780	4.13%	0.407%
29	11.184	1302	1317	1319	rBV	569610	1255861	21.93%	2.159%
30	11.254	1324	1329	1334	rVV	1031985	1881695	32.85%	3.234%
31	11.325	1334	1341	1345	rVV2	299330	650753	11.36%	1.119%
32	11.366	1345	1348	1353	rVV	168209	257824	4.50%	0.443%
33	11.590	1380	1386	1394	rVV	459768	729261	12.73%	1.253%
34	11.719	1400	1408	1413	rVB	199146	334865	5.85%	0.576%

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35	11.925	1435	1443	1454	rVB8	123168	366493	6.40%	0.630%
36	12.113	1468	1475	1480	rVV4	147137	279842	4.89%	0.481%
37	12.219	1487	1493	1498	rVV3	223621	413919	7.23%	0.711%
38	12.307	1504	1508	1522	rVB	389107	625507	10.92%	1.075%
39	12.454	1528	1533	1543	rVB	369034	569209	9.94%	0.978%
40	12.607	1553	1559	1563	rBV	502527	789151	13.78%	1.356%
41	12.649	1563	1566	1573	rVV	317763	446921	7.80%	0.768%
42	12.743	1573	1582	1584	rVV3	124007	266854	4.66%	0.459%
43	12.849	1595	1600	1603	rVV	331624	487734	8.52%	0.838%
44	12.884	1603	1606	1614	rVB	164793	233431	4.08%	0.401%
45	13.013	1623	1628	1631	rBV	147559	241643	4.22%	0.415%
46	13.101	1636	1643	1650	rVB2	82579	207923	3.63%	0.357%
47	13.243	1659	1667	1672	rBV4	100734	302221	5.28%	0.519%
48	13.401	1687	1694	1703	rVB4	92350	238454	4.16%	0.410%
49	13.543	1713	1718	1723	rBV	180191	296268	5.17%	0.509%
50	13.825	1760	1766	1772	rBV	621535	966937	16.88%	1.662%
51	14.066	1802	1807	1810	rBV3	135249	207947	3.63%	0.357%
52	14.213	1821	1832	1841	rBV6	144293	533692	9.32%	0.917%
53	14.348	1850	1855	1862	rBV4	176452	404581	7.06%	0.695%
54	14.472	1873	1876	1880	rVB2	223114	312054	5.45%	0.536%
55	14.631	1898	1903	1909	rVB6	238905	523256	9.14%	0.899%
56	14.748	1914	1923	1926	rBV5	100371	255200	4.46%	0.439%
57	14.884	1941	1946	1951	rVB	1863551	2325358	40.60%	3.997%
58	15.031	1965	1971	1980	rVV2	1433168	2561524	44.72%	4.403%
59	15.148	1985	1991	1998	rBV	619649	914291	15.96%	1.571%
60	15.219	1998	2003	2005	rBV3	111077	194330	3.39%	0.334%
61	15.313	2013	2019	2025	rBV8	126728	296339	5.17%	0.509%
62	15.407	2031	2035	2044	rVB5	142128	368882	6.44%	0.634%
63	15.490	2044	2049	2053	rBV	224694	351597	6.14%	0.604%
64	15.548	2055	2059	2067	rVB7	201132	422211	7.37%	0.726%
65	15.642	2067	2075	2079	rBV5	332048	781186	13.64%	1.343%
66	15.678	2079	2081	2087	rVV2	207427	263940	4.61%	0.454%
67	15.760	2090	2095	2099	rVV	622100	890864	15.55%	1.531%
68	15.825	2099	2106	2112	rVB	708997	1244121	21.72%	2.138%
69	16.101	2149	2153	2158	rVB	148171	221881	3.87%	0.381%
70	16.225	2169	2174	2178	rVB	220260	321456	5.61%	0.553%
71	16.442	2207	2211	2219	rBV4	107728	180852	3.16%	0.311%

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72	16.613	2235	2240	2246	rVB3	232412	374107	6.53%	0.643%
73	16.678	2246	2251	2254	rBV	730697	1046105	18.26%	1.798%
74	16.919	2286	2292	2297	rBV7	96213	195521	3.41%	0.336%
75	17.042	2310	2313	2317	rVB2	130142	182891	3.19%	0.314%
76	17.407	2369	2375	2381	rBV	3718744	5727876	100.00%	9.845%
77	17.460	2381	2384	2389	rVV	631995	834866	14.58%	1.435%
78	17.513	2389	2393	2401	rVB	258666	446432	7.79%	0.767%
79	17.760	2429	2435	2440	rBV2	1714641	2489729	43.47%	4.279%
80	17.872	2450	2454	2460	rVB2	131979	181545	3.17%	0.312%
81	18.001	2471	2476	2478	rBV3	128830	214975	3.75%	0.370%
82	18.195	2505	2509	2518	rVB	542068	741481	12.95%	1.274%
83	18.372	2535	2539	2545	rVB	238132	318329	5.56%	0.547%
84	18.878	2621	2625	2629	rVB	396428	476636	8.32%	0.819%
85	19.495	2725	2730	2732	rBV	361840	465869	8.13%	0.801%
86	19.519	2732	2734	2738	rVB3	289009	294925	5.15%	0.507%
87	19.648	2750	2756	2762	rVB2	132469	230142	4.02%	0.396%
88	20.060	2822	2826	2830	rVB	239282	271566	4.74%	0.467%
89	20.589	2912	2916	2920	rVV2	220328	271366	4.74%	0.466%
90	21.072	2995	2998	3002	rBV	175908	192773	3.37%	0.331%
91	21.536	3073	3077	3084	rVB	379176	465347	8.12%	0.800%
92	21.877	3130	3135	3147	rVV2	1725000	2473967	43.19%	4.252%
93	21.977	3149	3152	3160	rVB2	166285	241131	4.21%	0.414%
94	22.360	3213	3217	3228	rBV2	131969	210091	3.67%	0.361%
95	22.454	3228	3233	3239	rVB2	242202	355259	6.20%	0.611%
96	22.960	3315	3319	3321	rBV	133790	190029	3.32%	0.327%
97	23.301	3373	3377	3382	rVB	125517	204503	3.57%	0.352%
98	23.519	3410	3414	3424	rVB2	111980	210683	3.68%	0.362%
99	24.148	3517	3521	3529	rVB	95878	185920	3.25%	0.320%
100	24.360	3550	3557	3569	rVB	837231	1745097	30.47%	2.999%

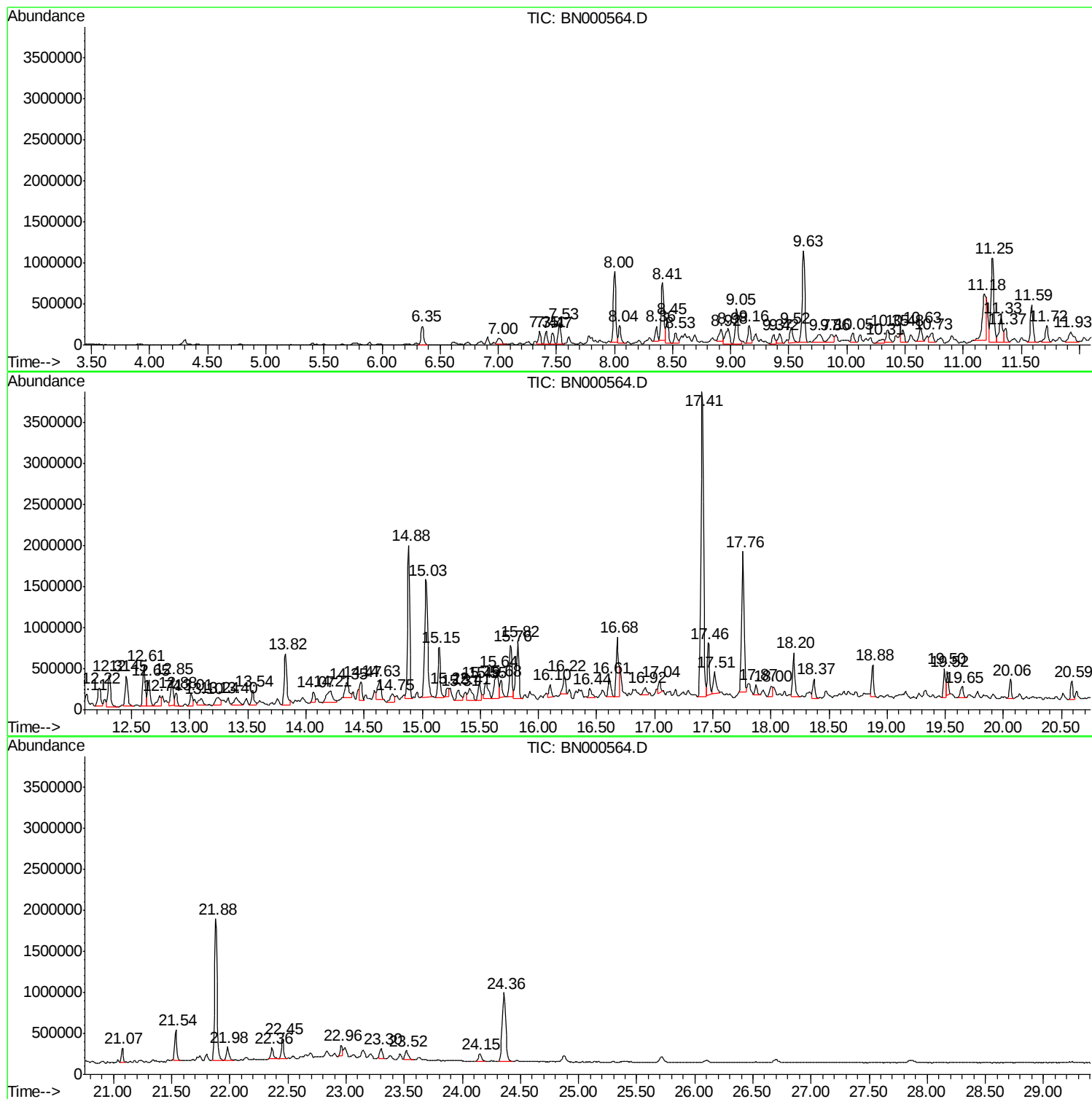
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Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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



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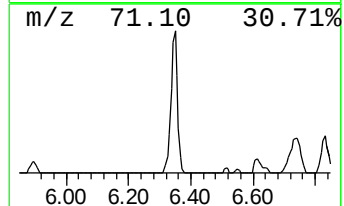
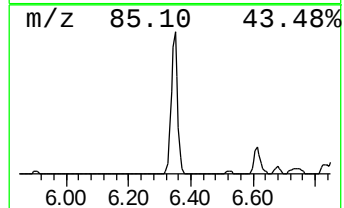
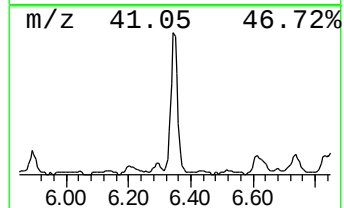
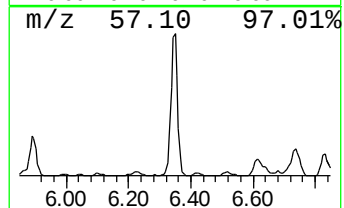
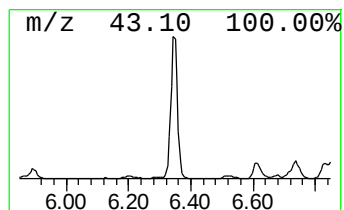
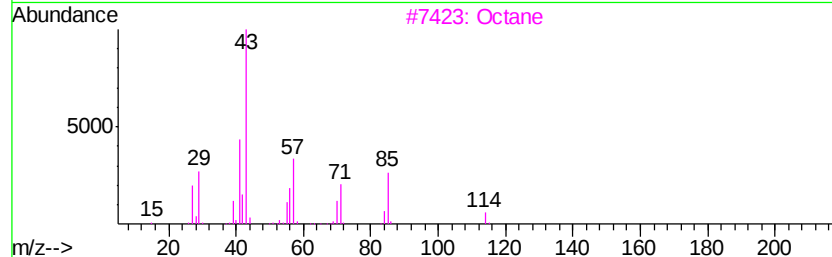
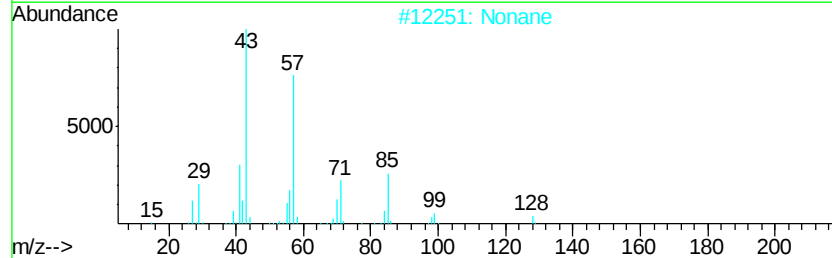
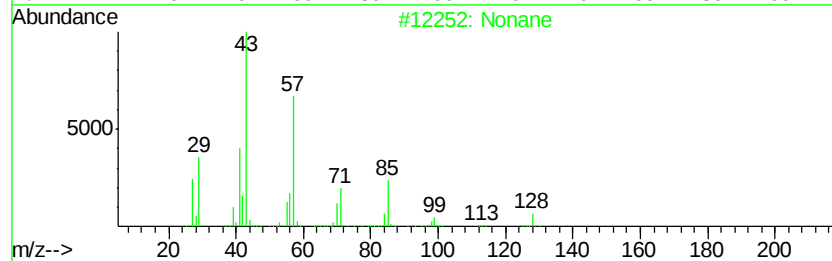
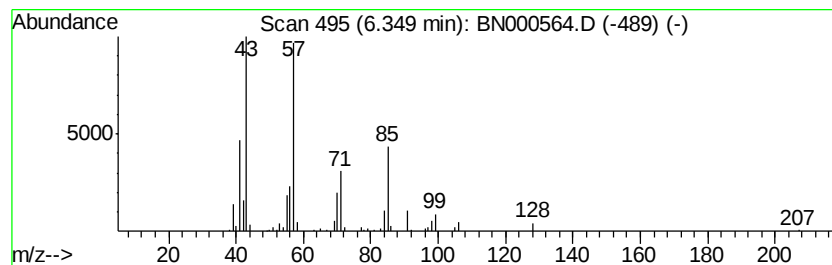
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	6.21 ng/ul	357177	1,4-Dichlorobenzene-d4	8.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	95
2			Nonane	128	C9H20	000111-84-2	91
3			Octane	114	C8H18	000111-65-9	72
4			Decane	142	C10H22	000124-18-5	53
5			Decane	142	C10H22	000124-18-5	53



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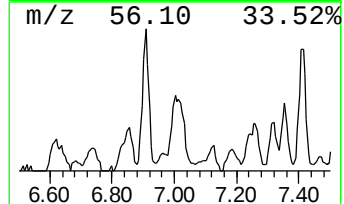
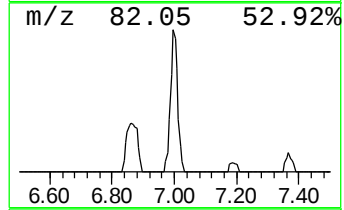
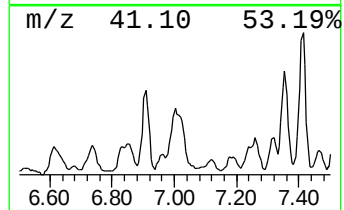
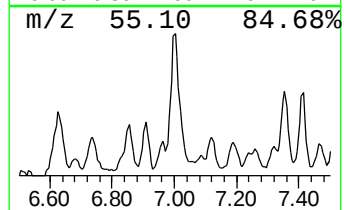
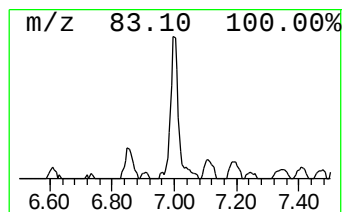
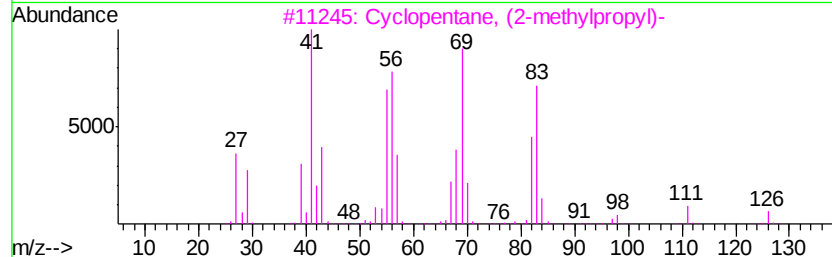
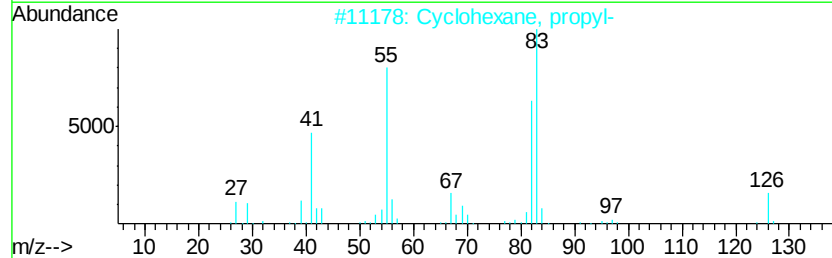
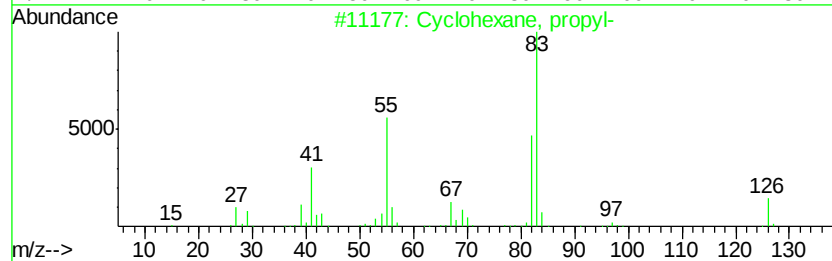
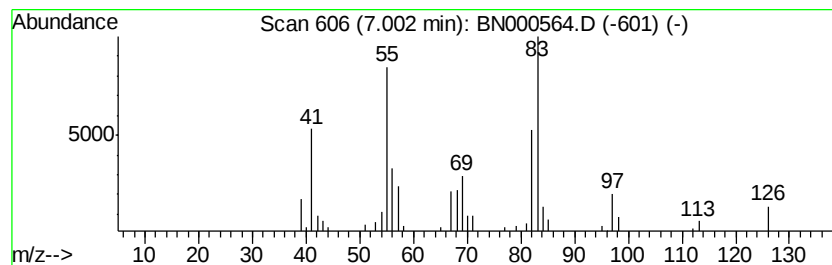
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic7.00 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	3.56 ng/ul	204681	1,4-Dichlorobenzene-d4	8.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	68
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	64
3			Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	58
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	58
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	58



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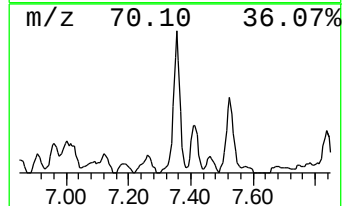
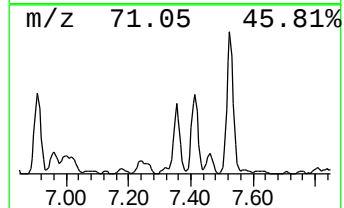
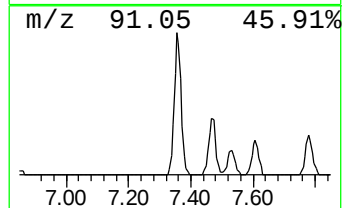
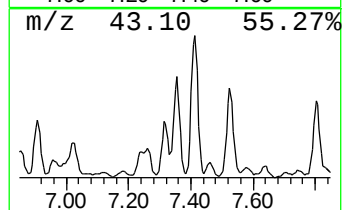
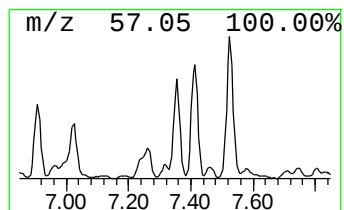
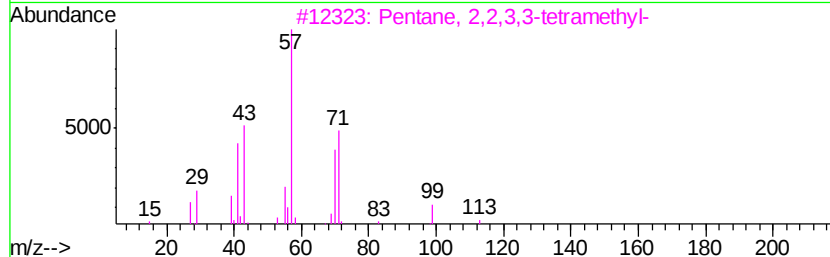
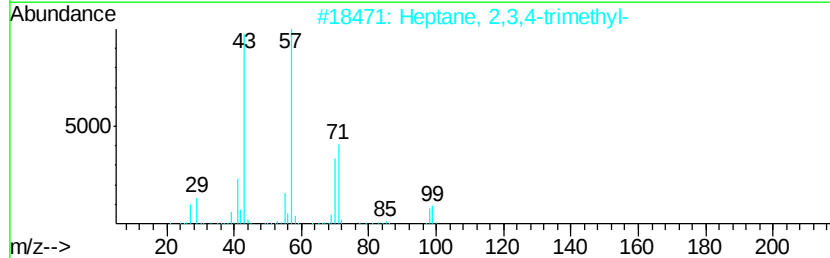
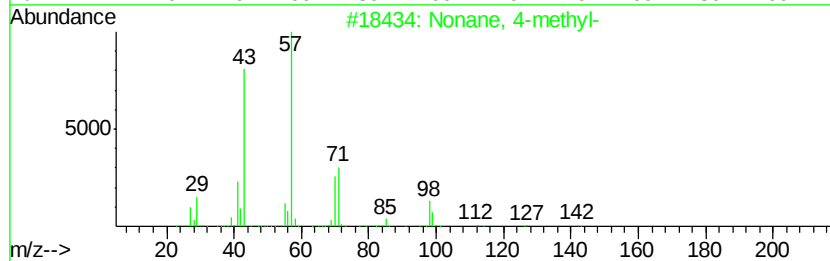
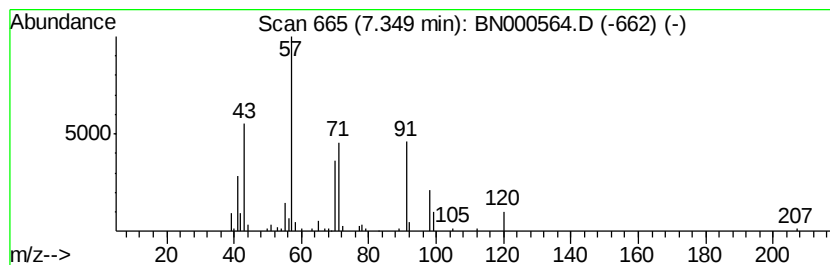
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	3.76 ng/ul	216072	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4-methyl-	142	C10H22	017301-94-9	81
2		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	50
3		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	50
4		Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	47
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	43



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DAM41DL2

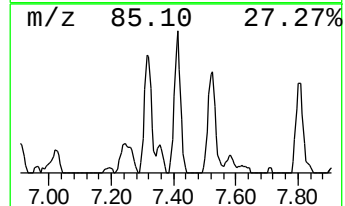
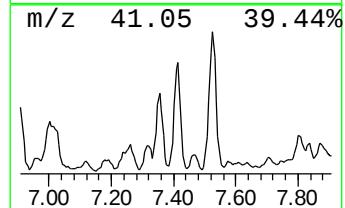
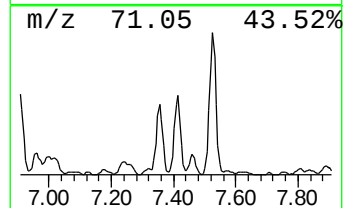
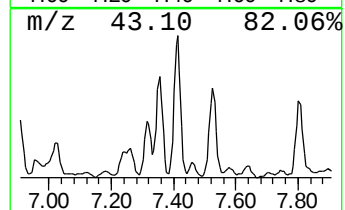
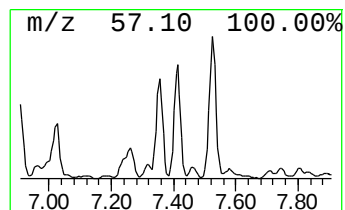
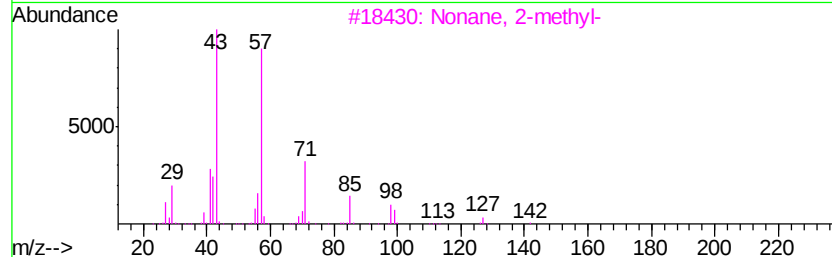
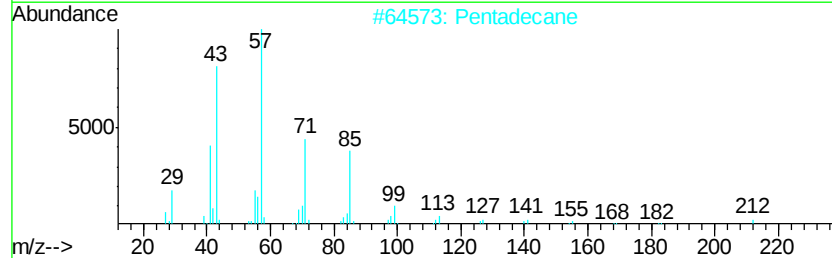
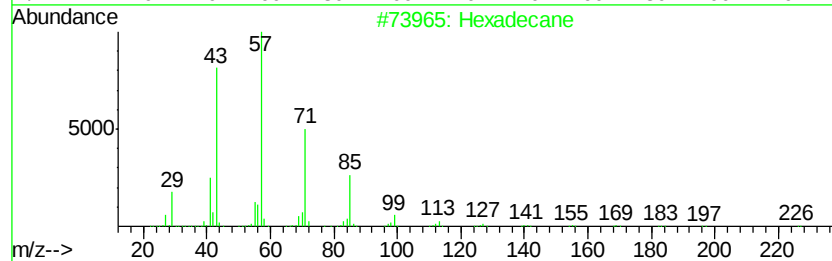
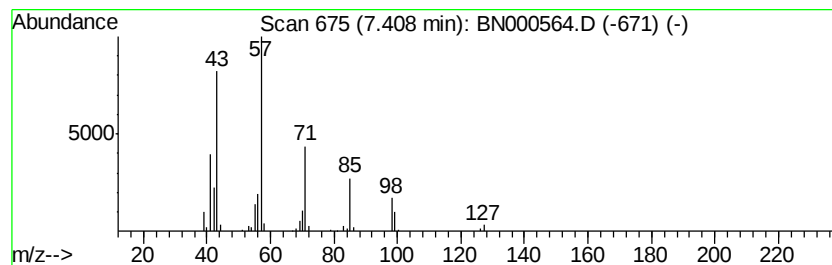
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	3.81 ng/ul	219076	1,4-Dichlorobenzene-d4	8.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	80
2			Pentadecane	212	C15H32	000629-62-9	64
3			Nonane, 2-methyl-	142	C10H22	000871-83-0	64
4			Decane	142	C10H22	000124-18-5	64
5			Tetradecane	198	C14H30	000629-59-4	64



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

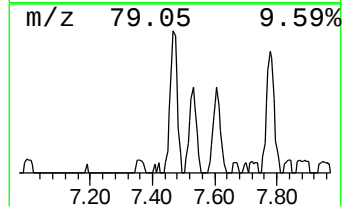
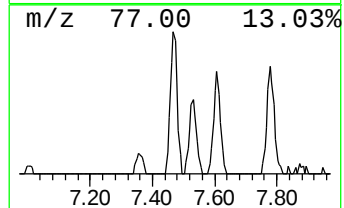
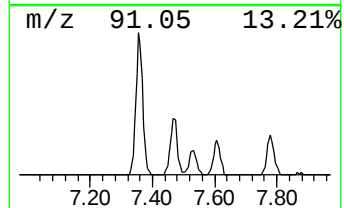
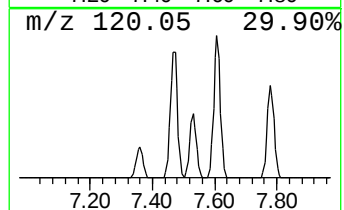
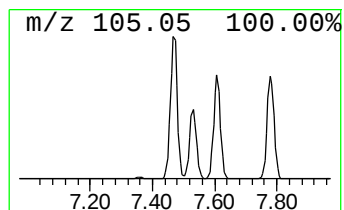
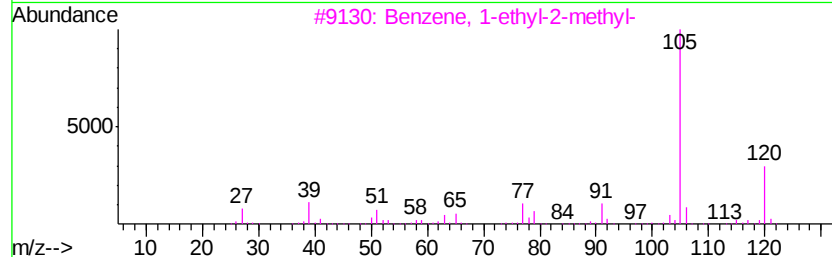
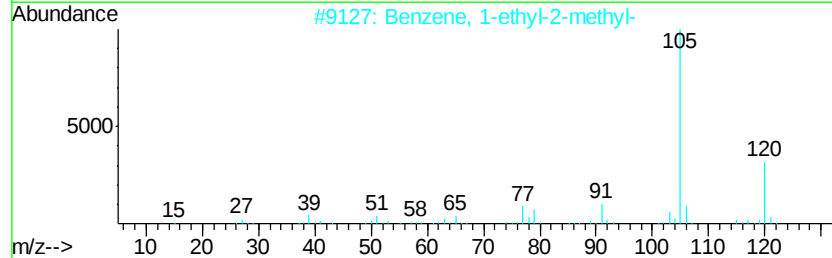
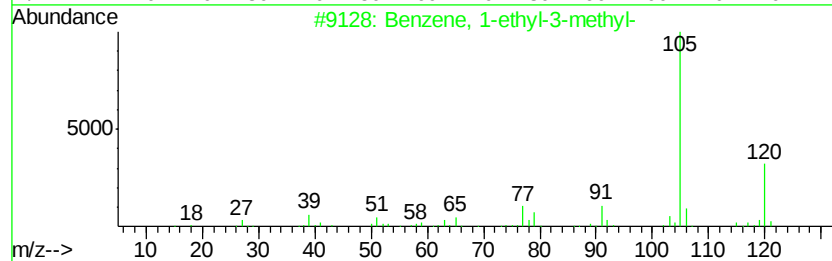
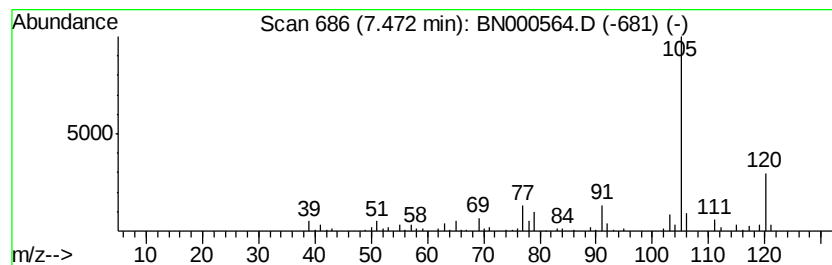
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	3.56 ng/ul	205070	1,4-Dichlorobenzene-d4	8.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4			Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DAM41DL2

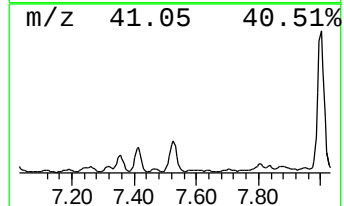
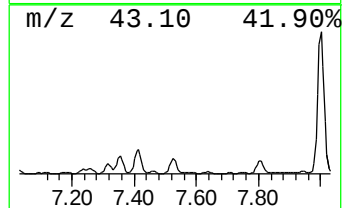
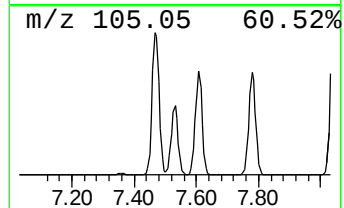
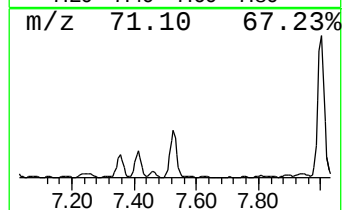
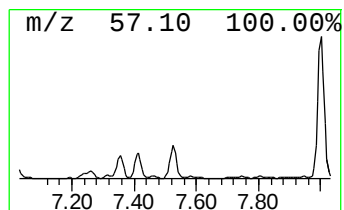
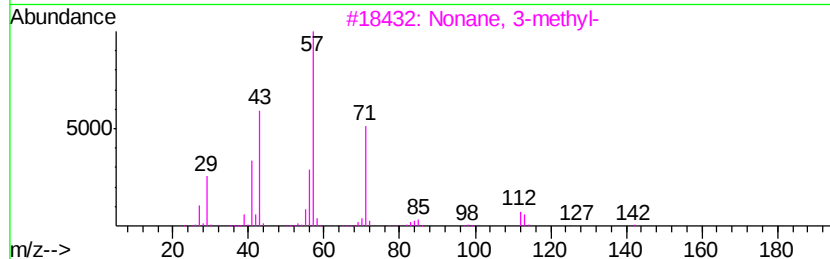
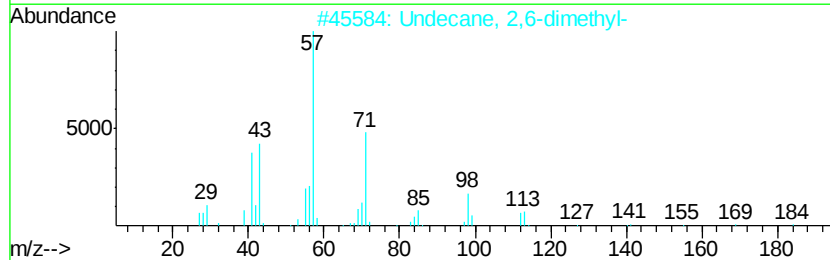
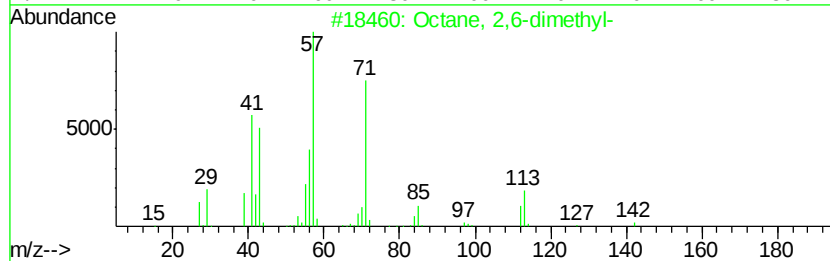
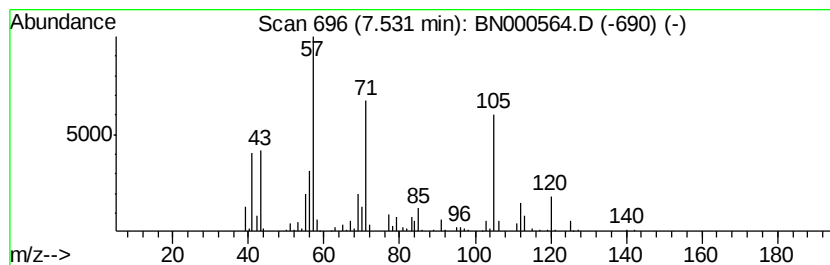
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Branched7.53 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	6.95 ng/ul	399705	1,4-Dichlorobenzene-d4	8.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	59
4			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	59
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	58



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
DAM41DL2

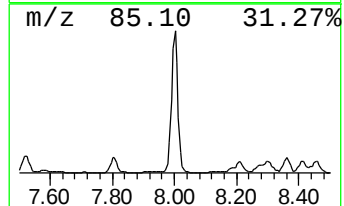
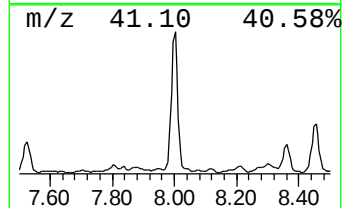
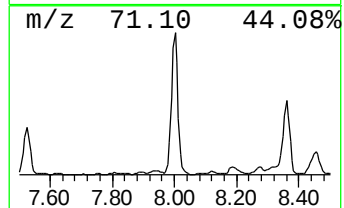
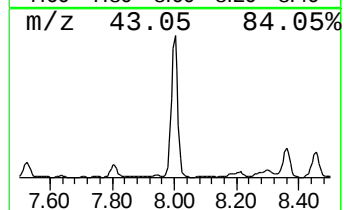
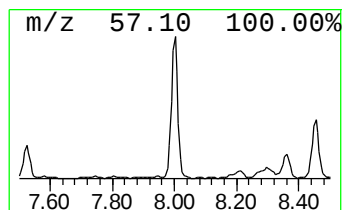
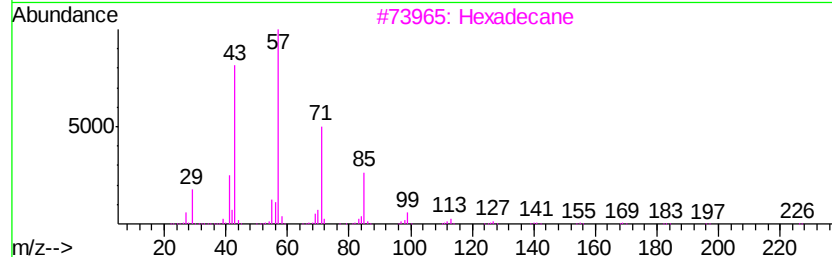
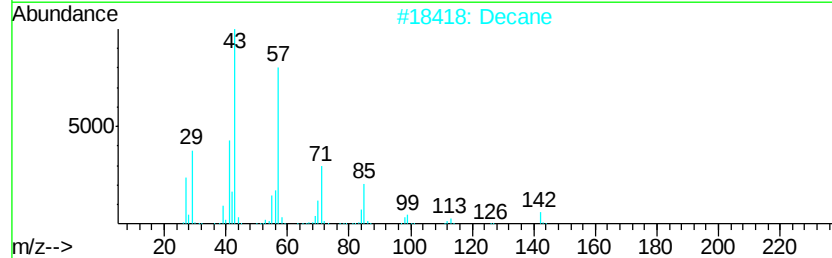
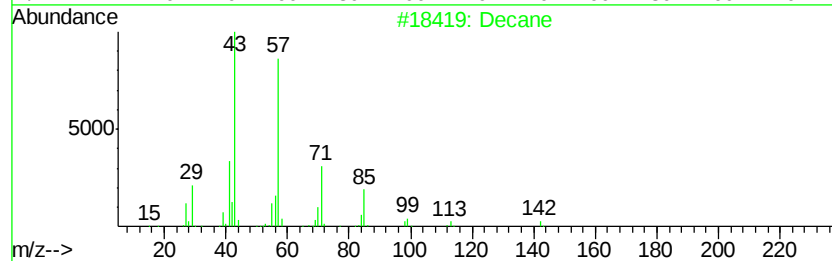
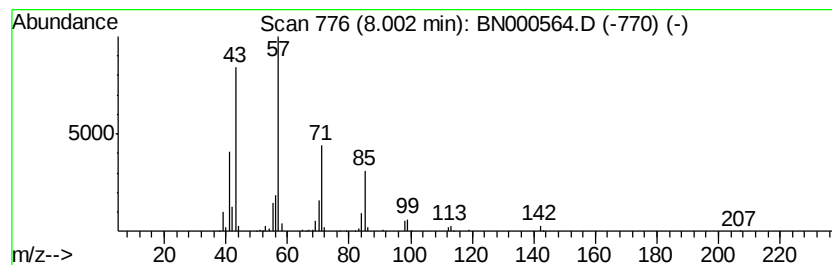
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	21.43 ng/ul	1233170	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	94
2		Decane	142	C10H22	000124-18-5	90
3		Hexadecane	226	C16H34	000544-76-3	80
4		Tridecane	184	C13H28	000629-50-5	78
5		Undecane	156	C11H24	001120-21-4	78



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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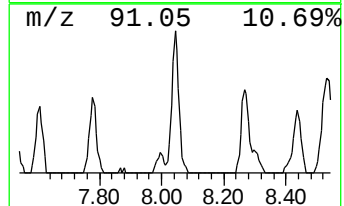
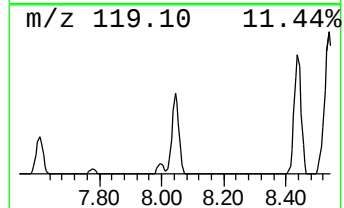
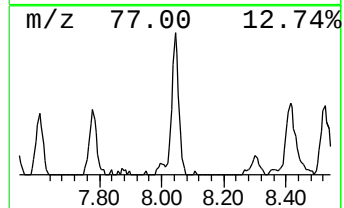
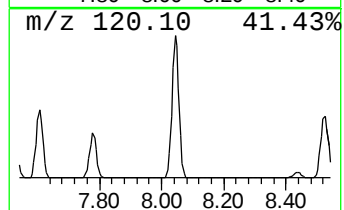
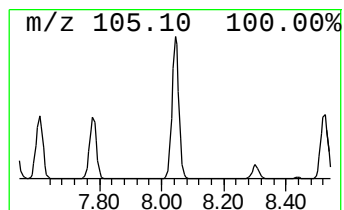
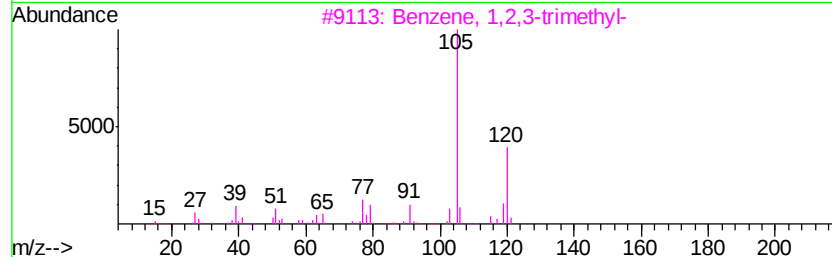
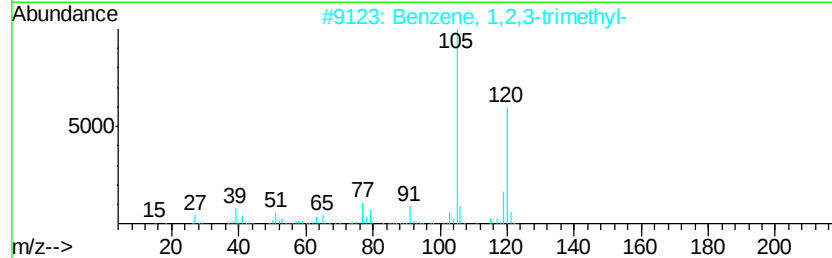
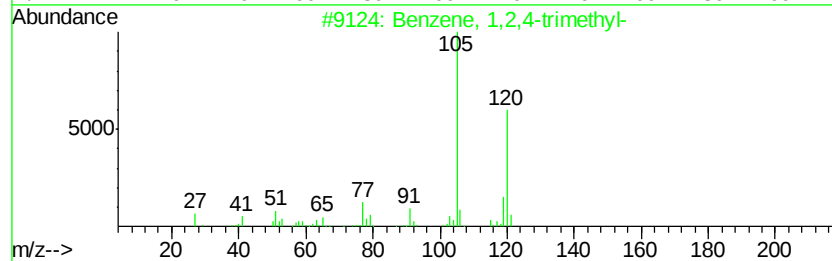
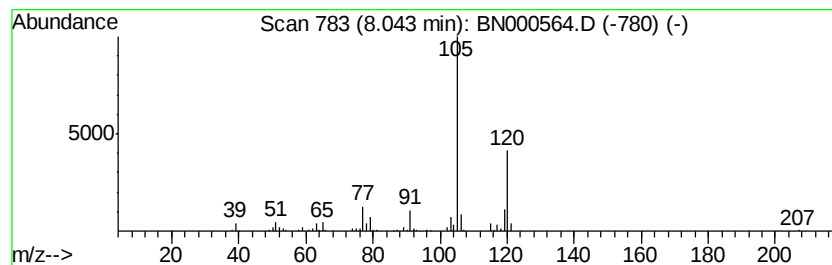
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1,2,4-trimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	5.68 ng/ul	327050	1,4-Dichlorobenzene-d4	8.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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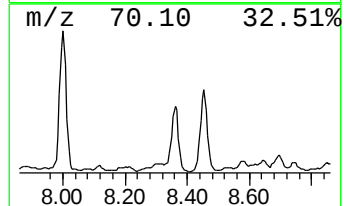
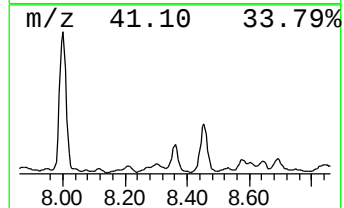
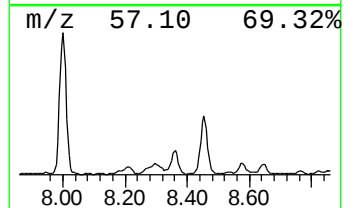
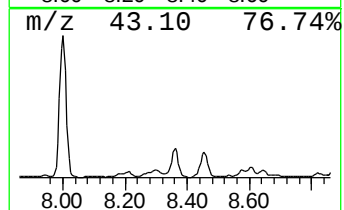
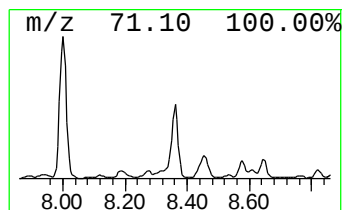
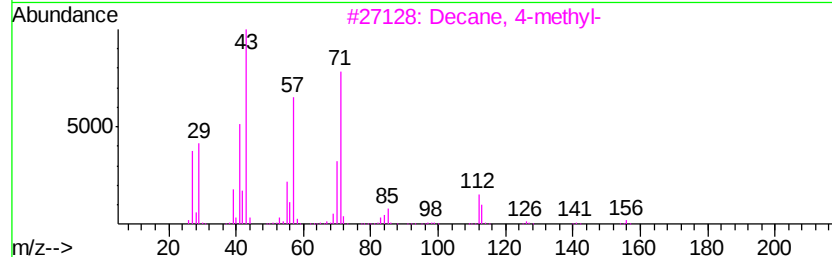
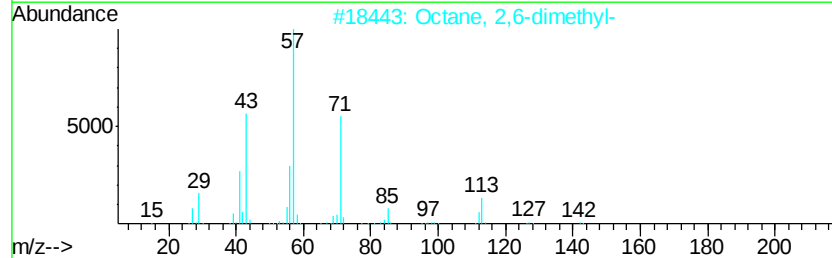
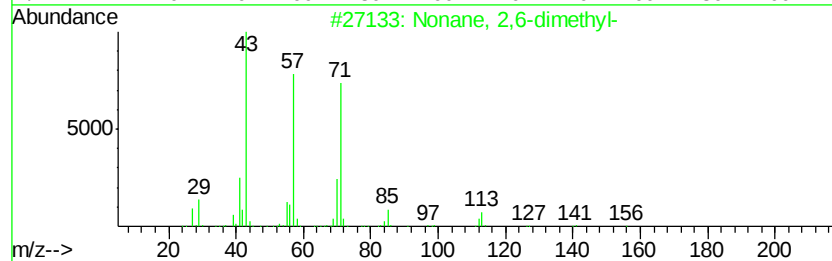
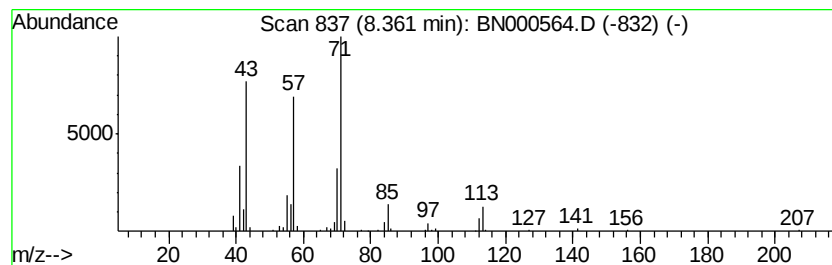
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	4.19 ng/ul	241290	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	94
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
3		Decane, 4-methyl-	156	C11H24	002847-72-5	78
4		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
5		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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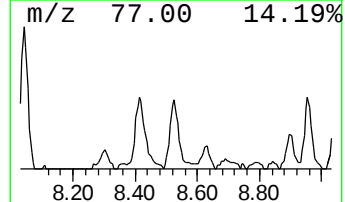
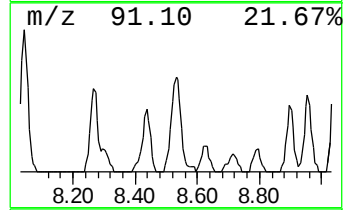
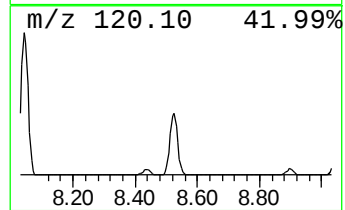
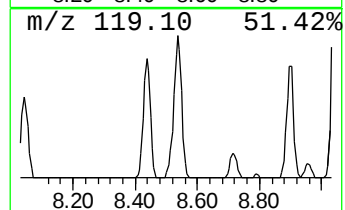
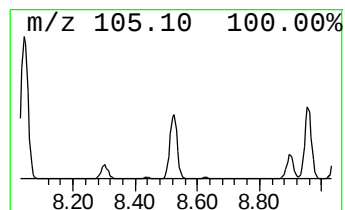
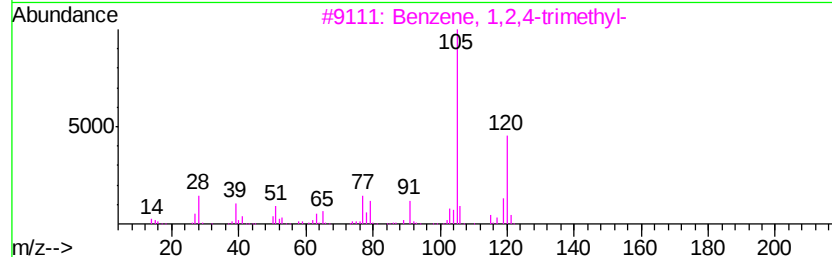
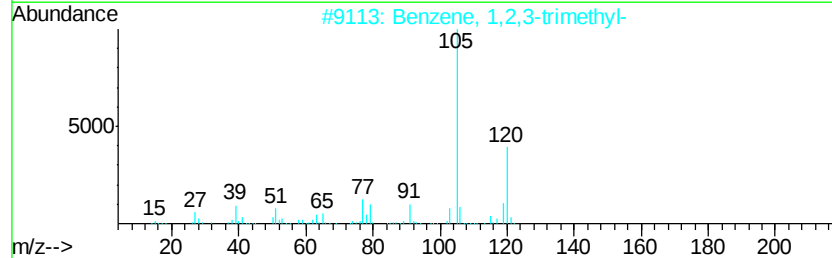
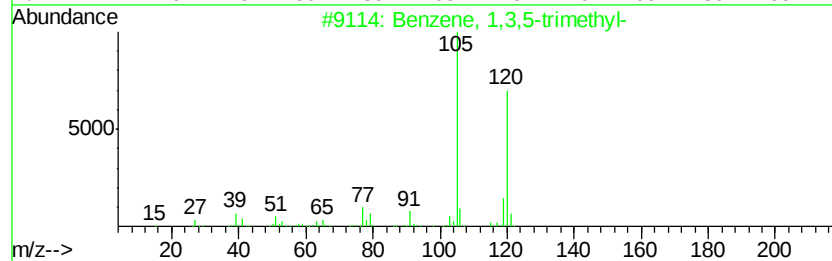
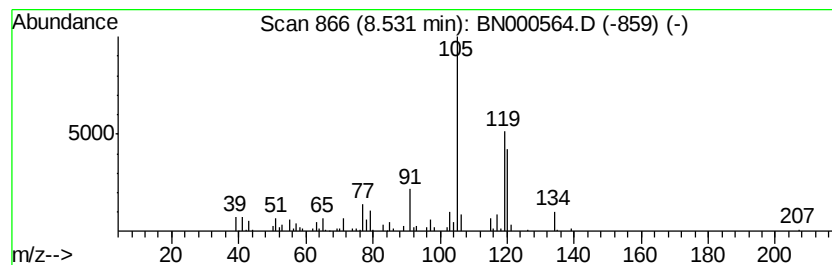
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Benzene, 1,3,5-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	4.25 ng/ul	244714	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	76
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	76
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	76
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	76
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	76



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

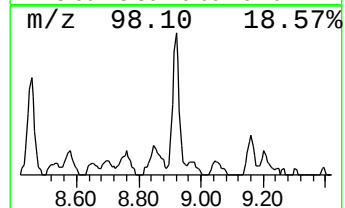
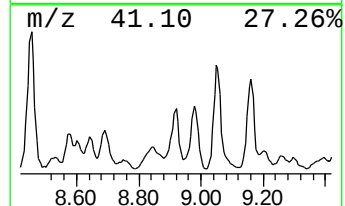
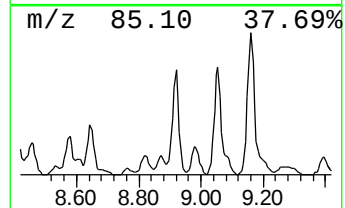
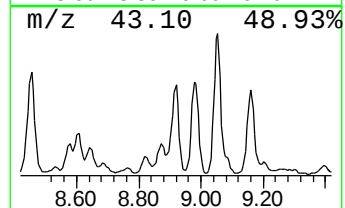
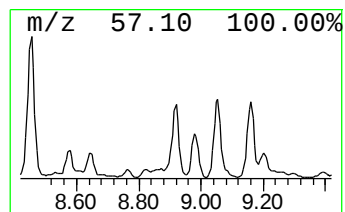
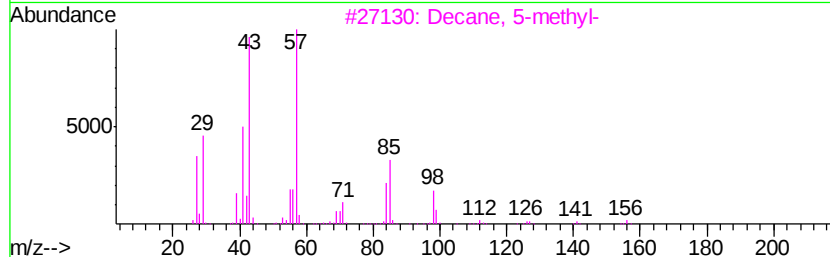
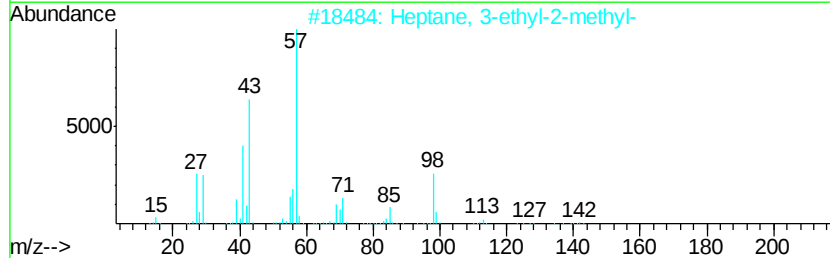
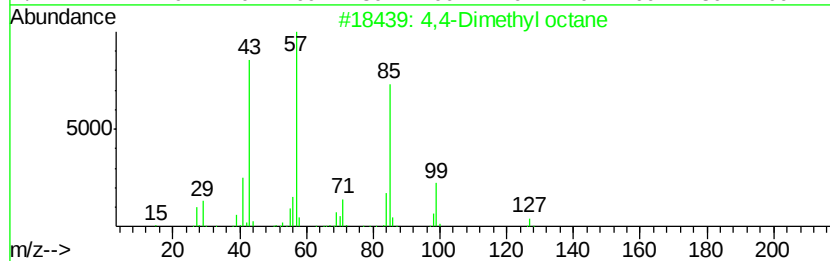
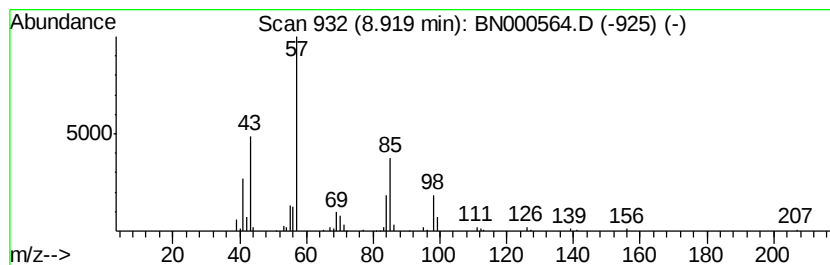
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	5.09 ng/ul	293005	1,4-Dichlorobenzene-d4	8.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,4-Dimethyl octane	142	C10H22	015869-95-1	59
2			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
3			Decane, 5-methyl-	156	C11H24	013151-35-4	49
4			Decane, 5-methyl-	156	C11H24	013151-35-4	49
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	47



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
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Misc :
ALS Vial : 32 Sample Multiplier: 1

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ClientSampled :
DAM41DL2

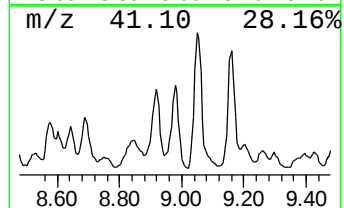
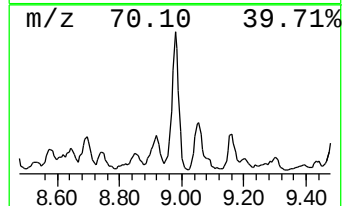
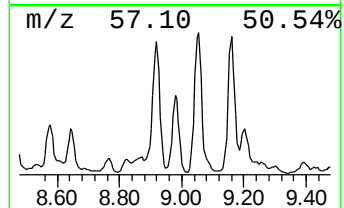
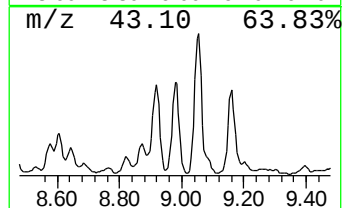
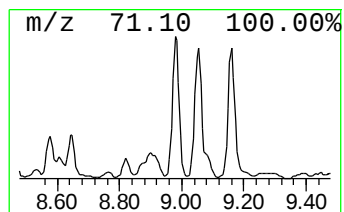
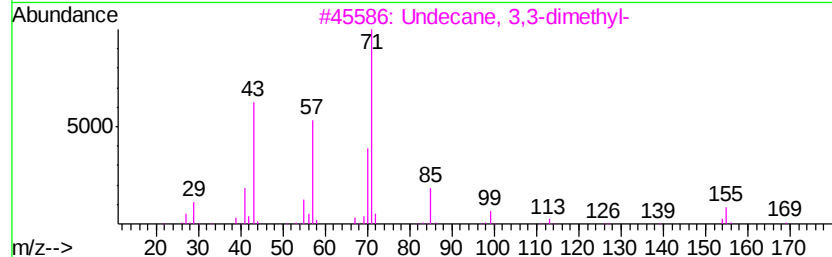
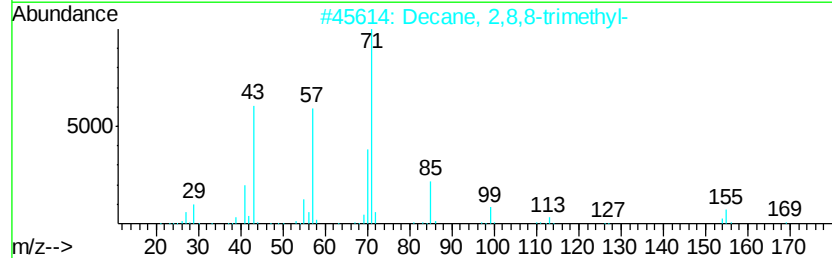
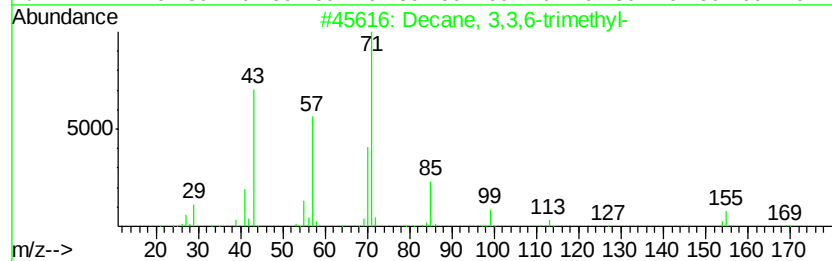
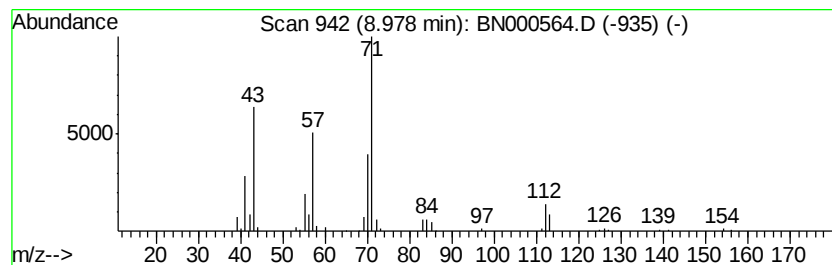
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	8.01 ng/ul	460930	1,4-Dichlorobenzene-d4	8.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	72
2			Decane, 2,8,8-trimethyl-	184	C13H28	1000060-81-2	72
3			Undecane, 3,3-dimethyl-	184	C13H28	017312-65-1	72
4			Octane, 3-ethyl-	142	C10H22	005881-17-4	64
5			Tridecane, 4-methyl-	198	C14H30	026730-12-1	64



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampled :
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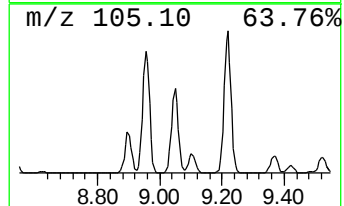
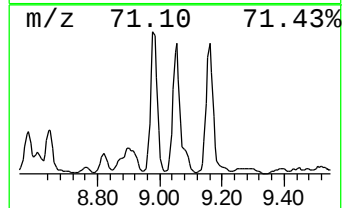
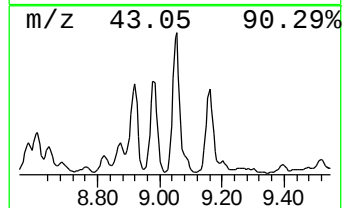
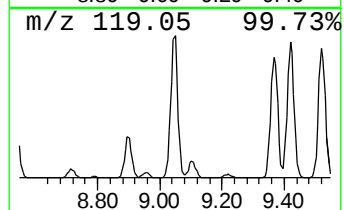
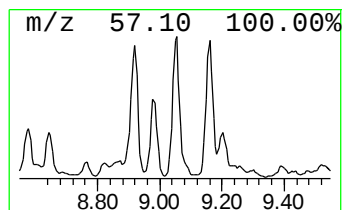
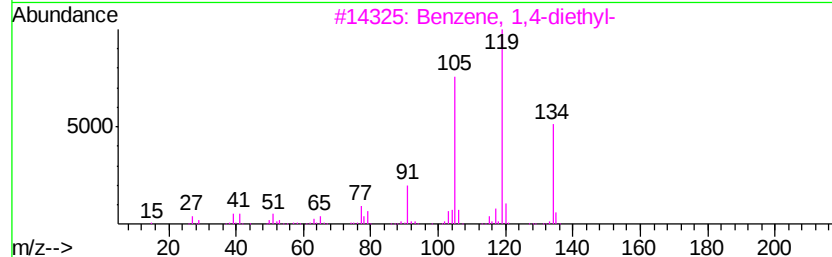
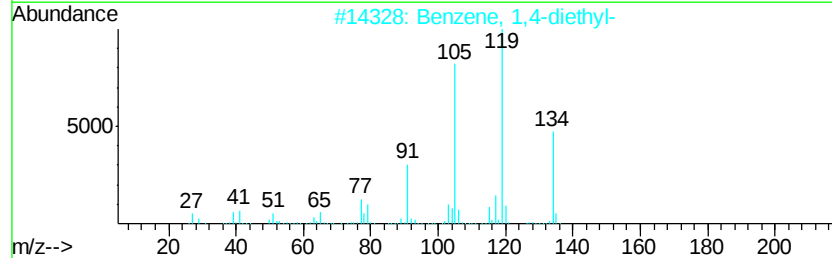
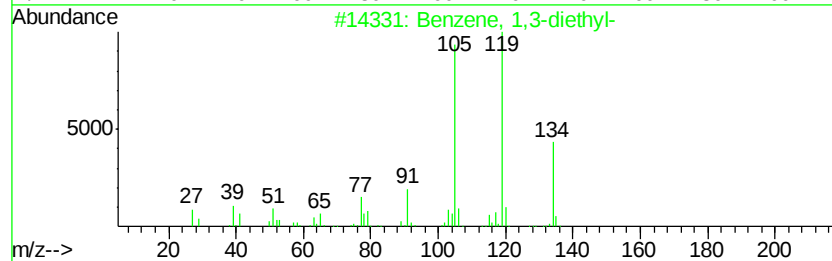
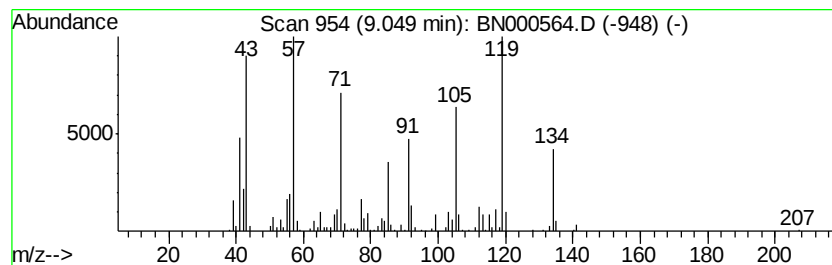
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Benzene, 1,3-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	12.76 ng/ul	733871	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
4		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	90
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

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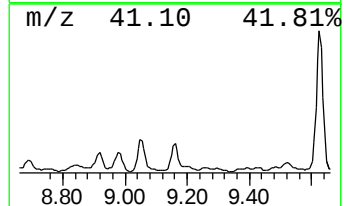
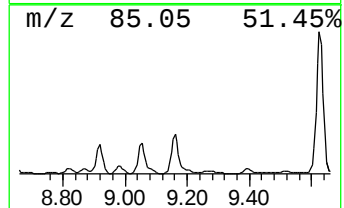
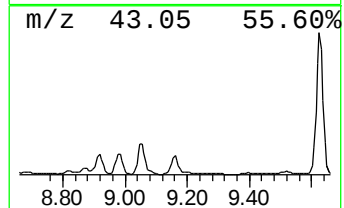
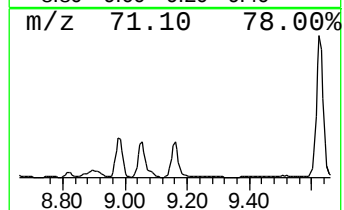
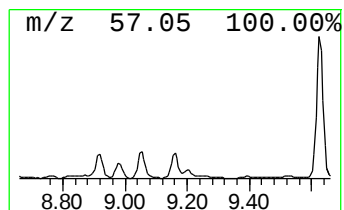
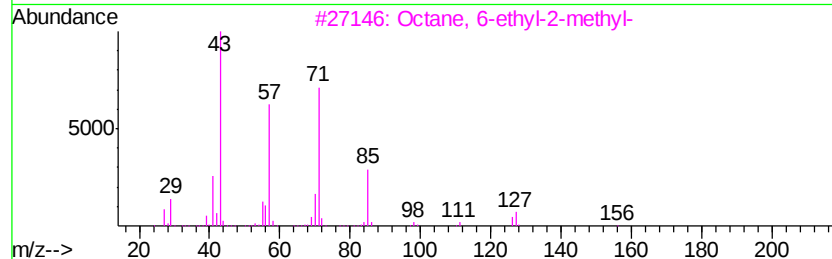
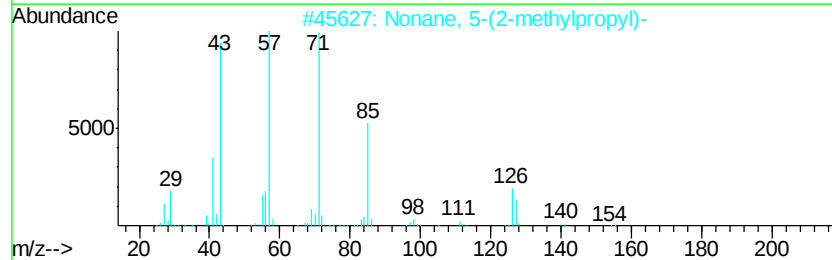
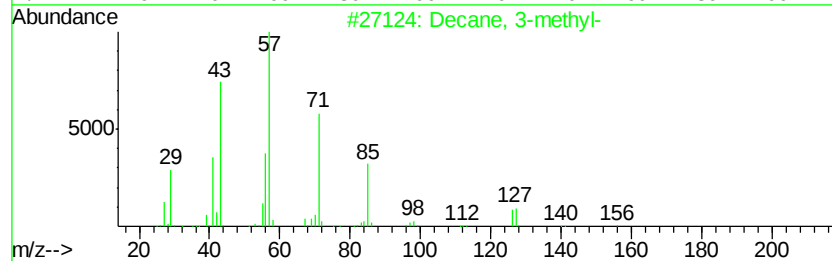
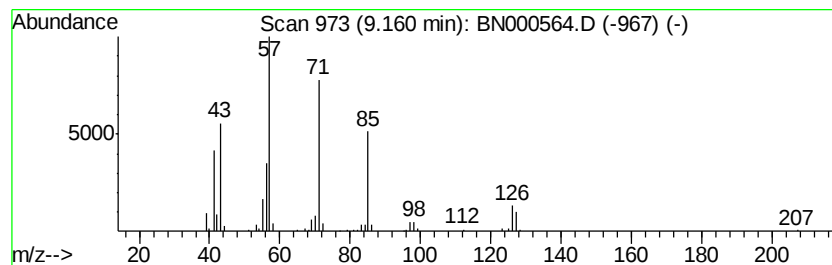
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	5.82 ng/ul	334856	1,4-Dichlorobenzene-d4	8.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	83
2			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	78
3			Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	64
4			Nonane, 1-iodo-	254	C9H19I	004282-42-2	59
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	50



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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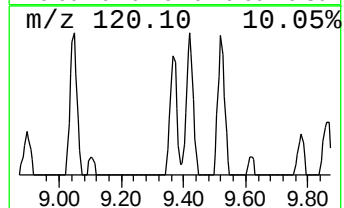
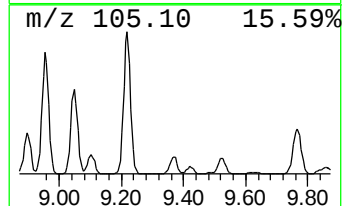
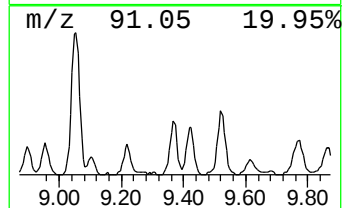
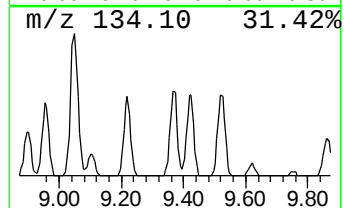
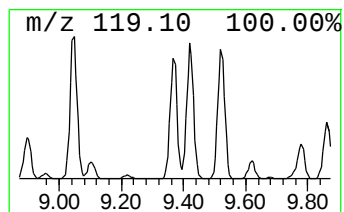
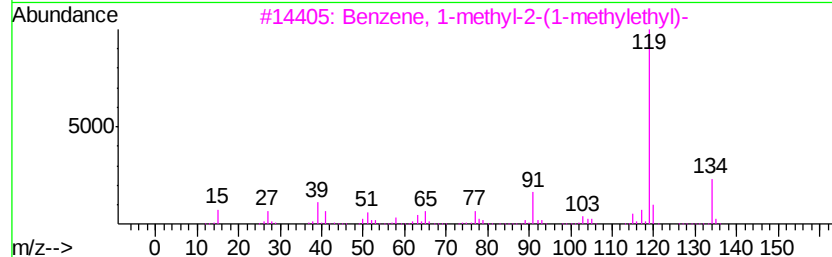
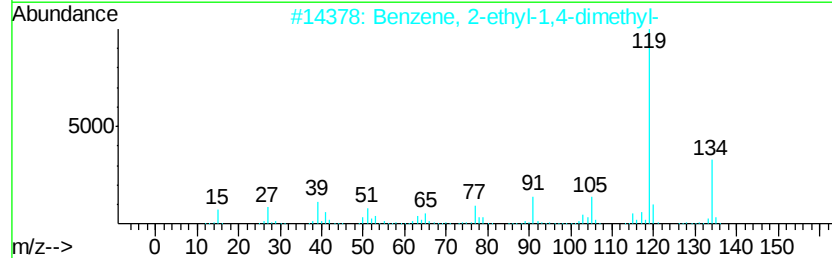
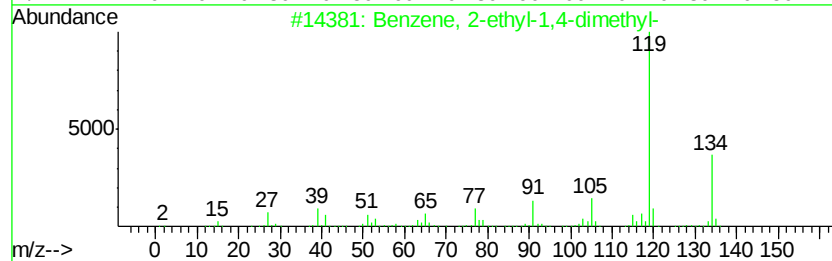
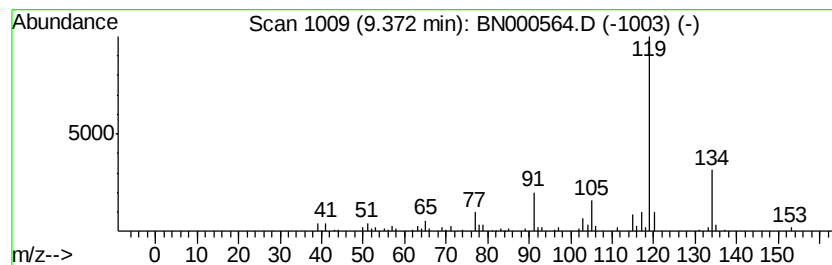
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	3.43 ng/ul	197190	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3		Benzene, 1-methyl-2-(1-methylethyl-)	134	C10H14	000527-84-4	95
4		Benzene, 1-methyl-2-(1-methylethyl-)	134	C10H14	000527-84-4	95
5		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	94



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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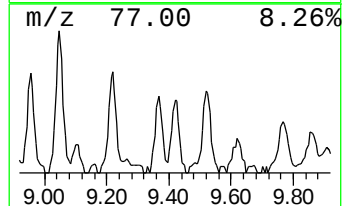
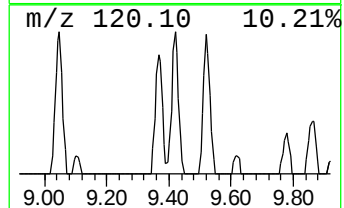
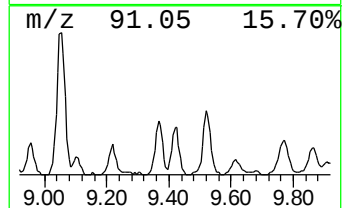
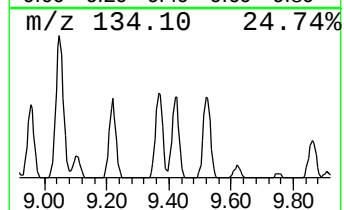
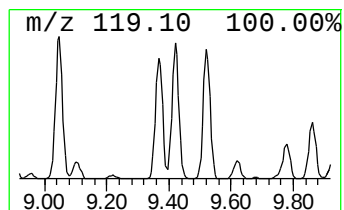
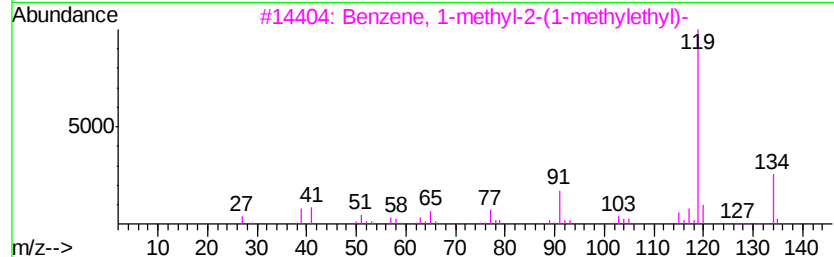
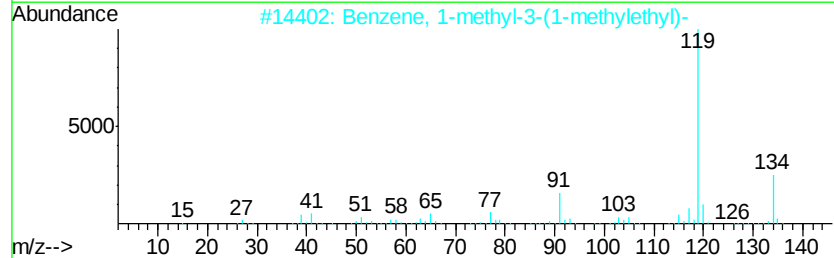
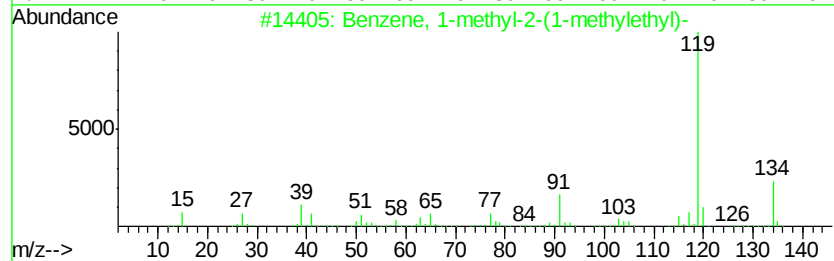
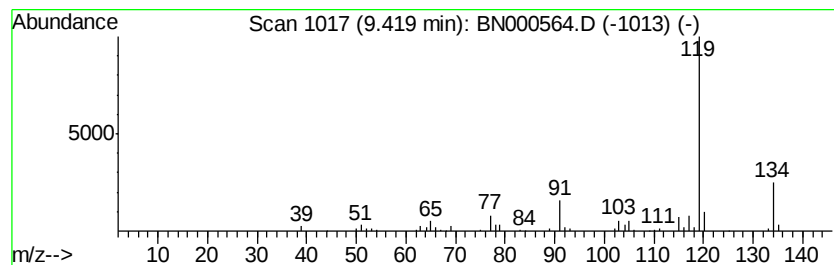
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Benzene, 1-methyl-2-(1-meth... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	3.69 ng/ul	212368	1,4-Dichlorobenzene-d4	8.41

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



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

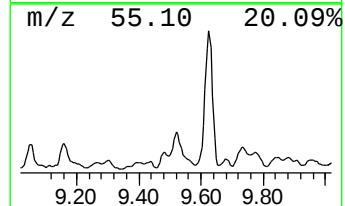
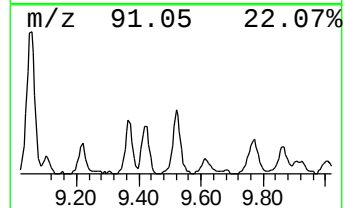
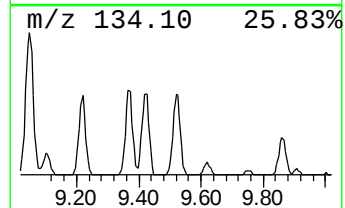
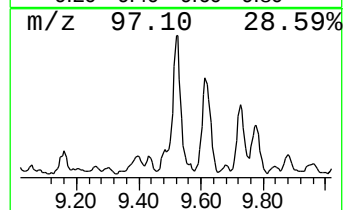
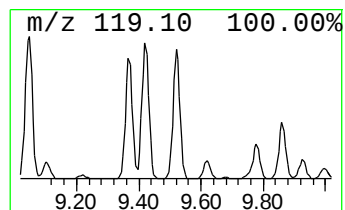
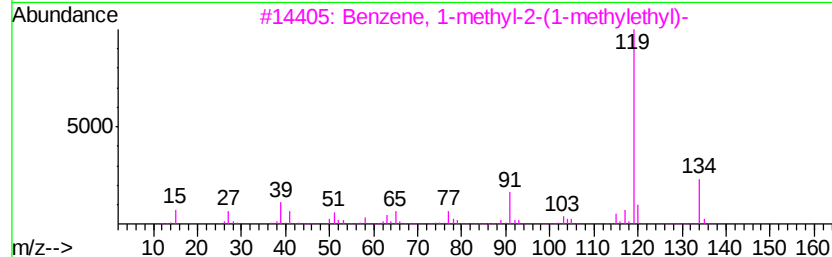
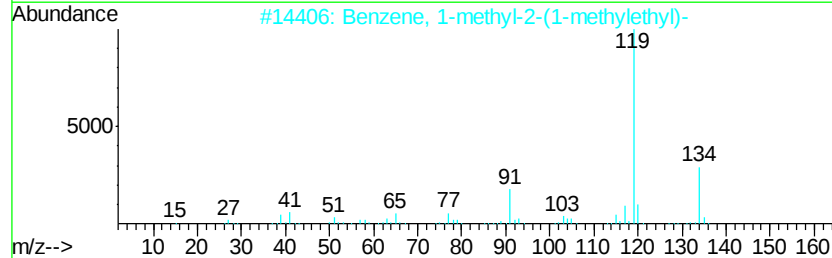
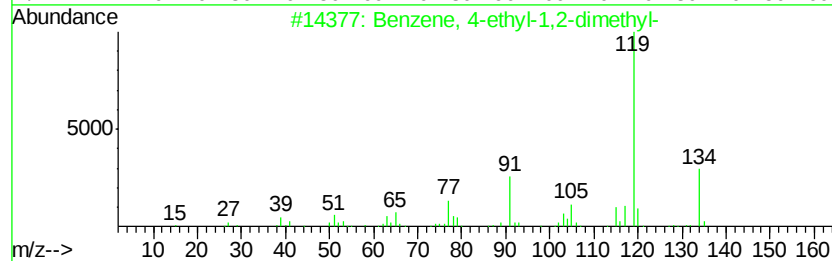
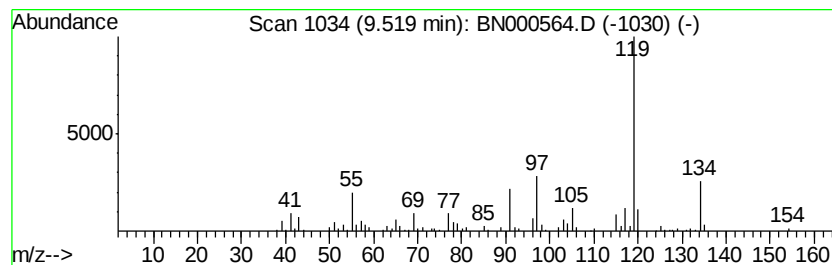
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	5.81 ng/ul	334245	1,4-Dichlorobenzene-d4	8.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
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	95
4			Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
5			Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

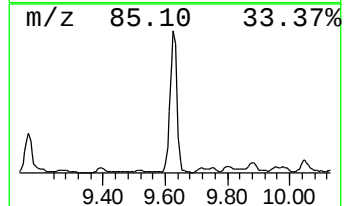
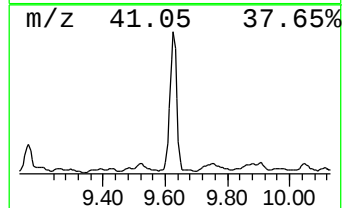
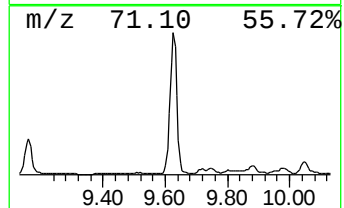
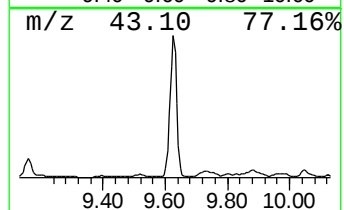
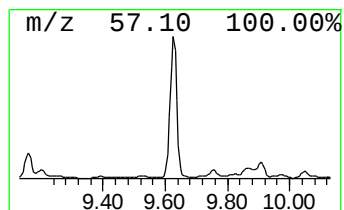
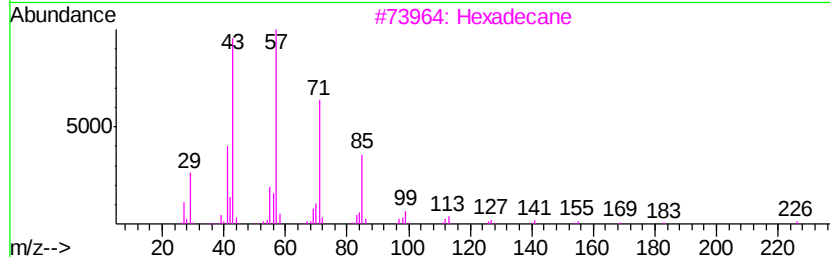
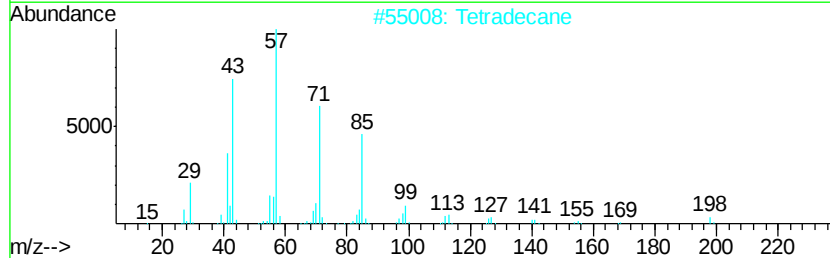
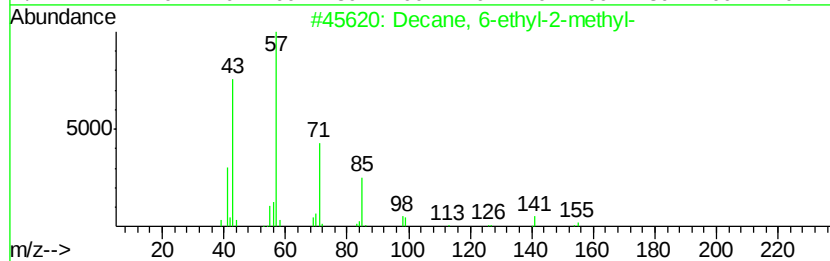
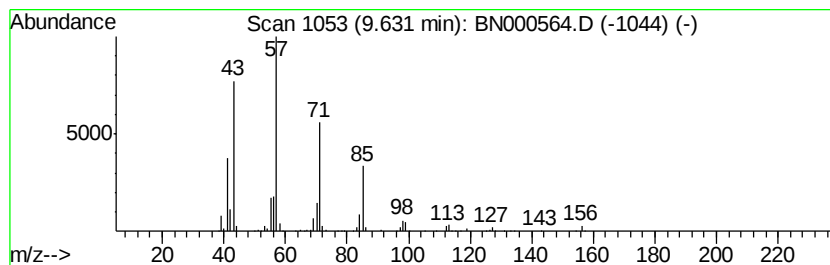
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	29.56 ng/ul	1700720	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
2		Tetradecane	198	C14H30	000629-59-4	83
3		Hexadecane	226	C16H34	000544-76-3	78
4		Undecane	156	C11H24	001120-21-4	68
5		Decane	142	C10H22	000124-18-5	64



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

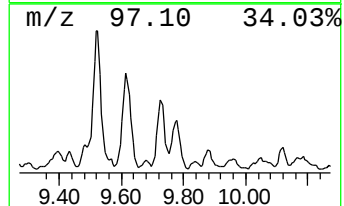
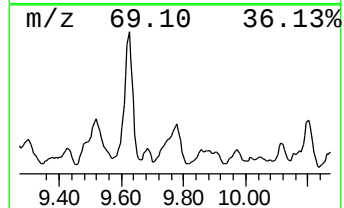
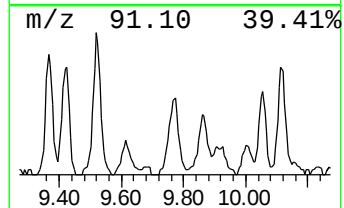
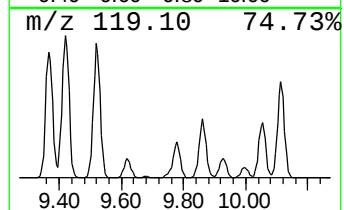
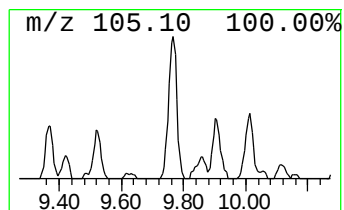
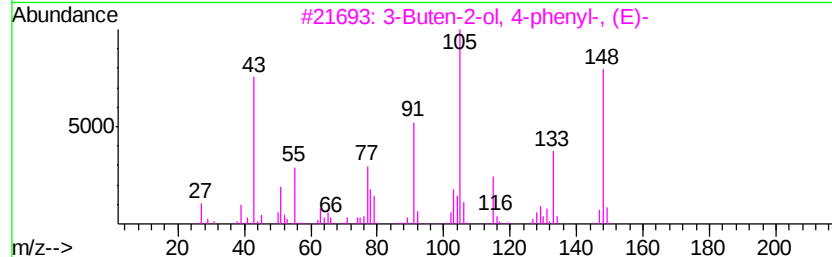
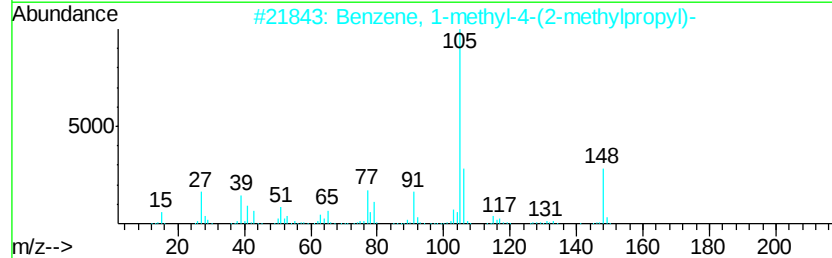
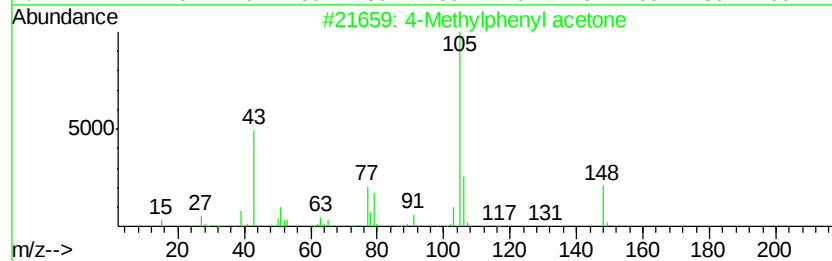
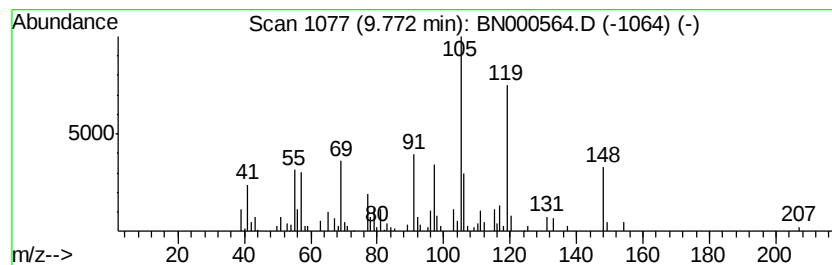
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	6.26 ng/ul	359913	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Methylphenyl acetone	148	C10H12O	002096-86-8	46
2		Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	41
3		3-Buten-2-ol, 4-phenyl-, (E)-	148	C10H12O	1000163-70-9	30
4		Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	27
5		2-Methylindan-2-ol	148	C10H12O	033223-84-6	22



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

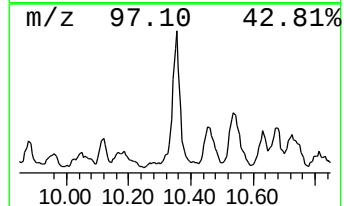
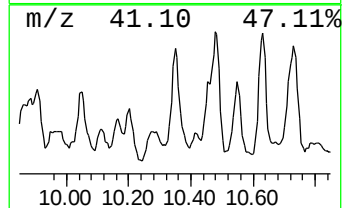
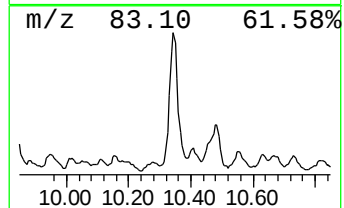
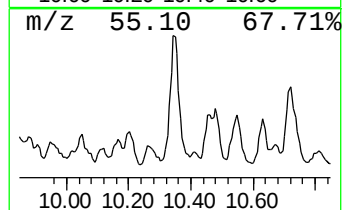
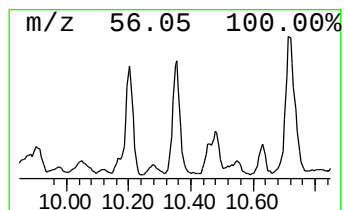
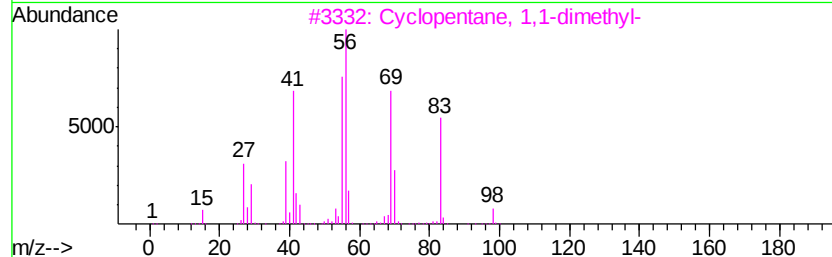
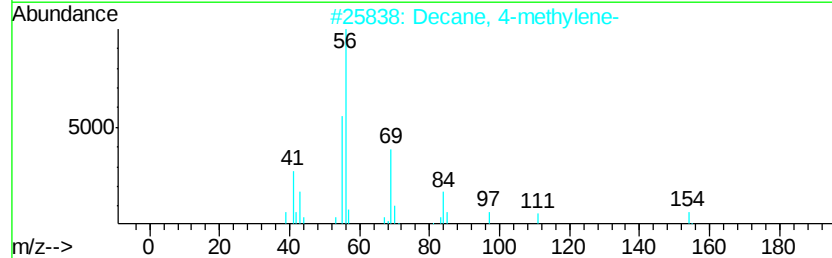
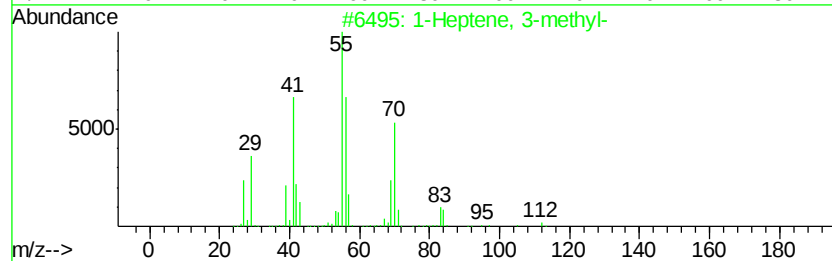
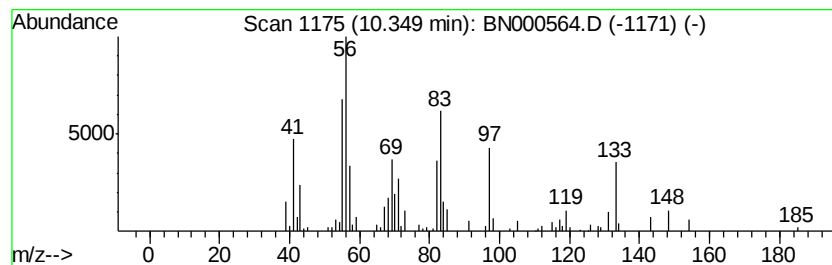
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Cyclic10.35 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	2.79 ng/ul	262200	Naphthalene-d8	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptene, 3-methyl-	112	C8H16	004810-09-7	30
2			Decane, 4-methylene-	154	C11H22	024949-41-5	30
3			Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	27
4			2H-Pyran-2-one, tetrahydro-3,6-d...	128	C7H12O2	003720-22-7	25
5			1-Decene, 2-methyl-	154	C11H22	013151-27-4	25



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleID :
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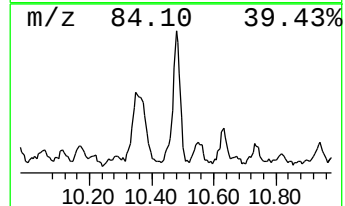
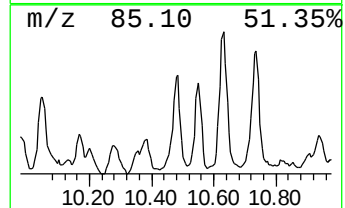
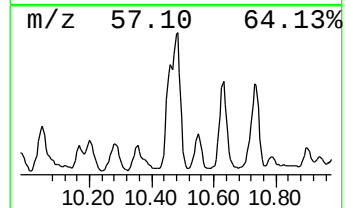
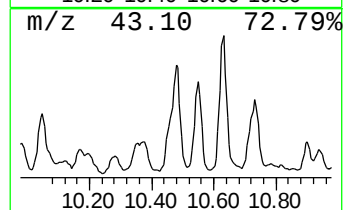
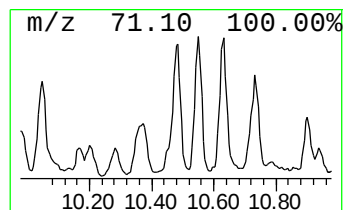
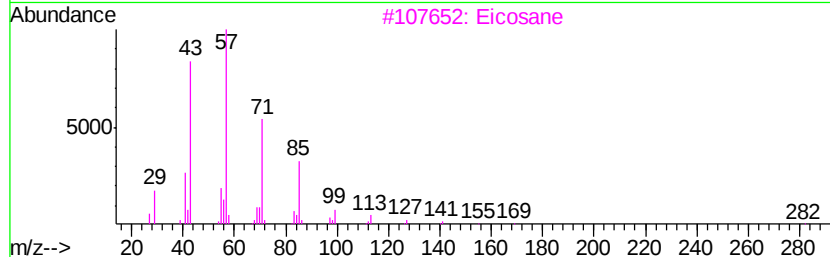
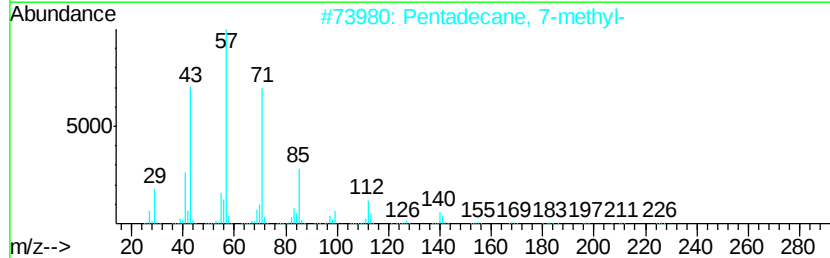
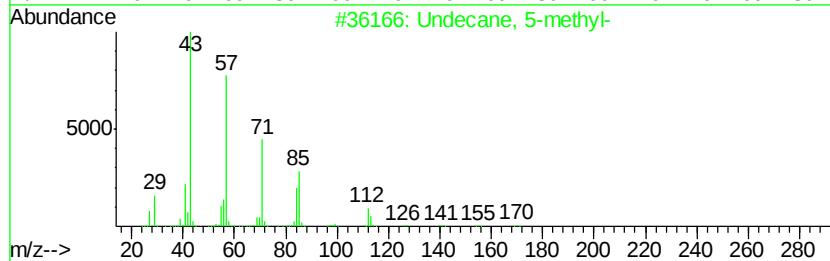
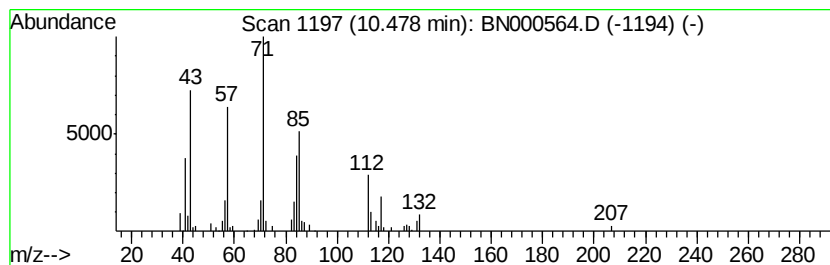
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	2.60 ng/ul	244755	Napthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
2		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	53
3		Eicosane	282	C20H42	000112-95-8	50
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	47
5		Butanoic acid, 4-methylpentyl ester	172	C10H20O2	083471-19-6	47



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

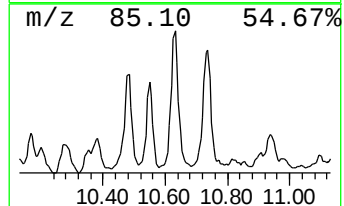
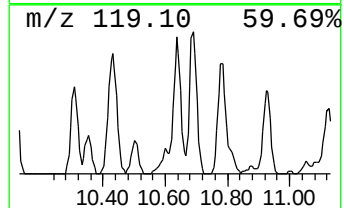
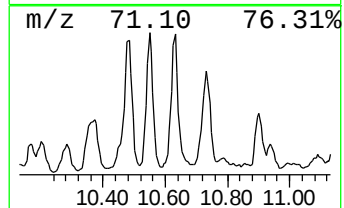
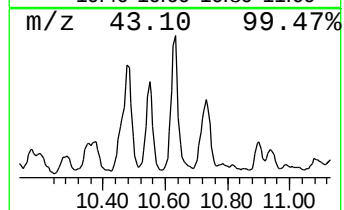
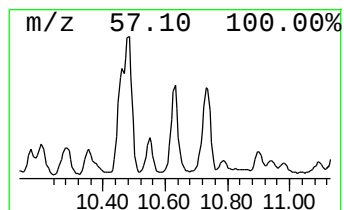
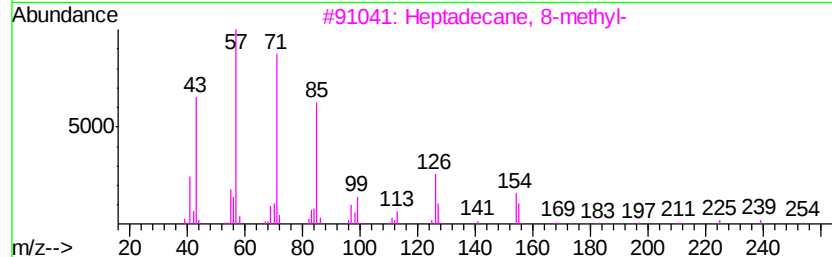
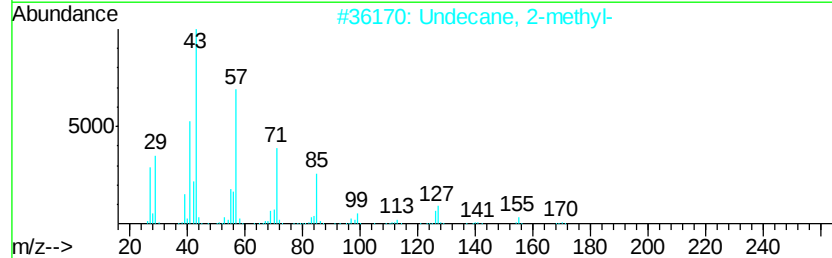
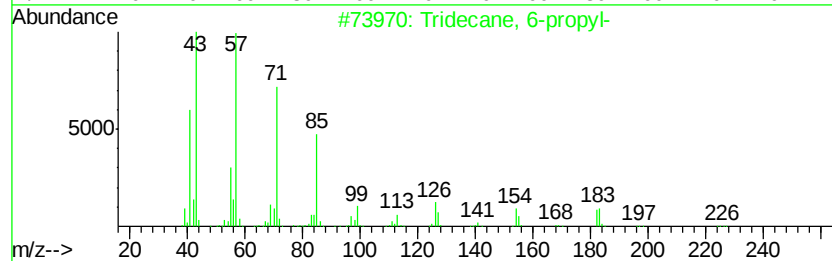
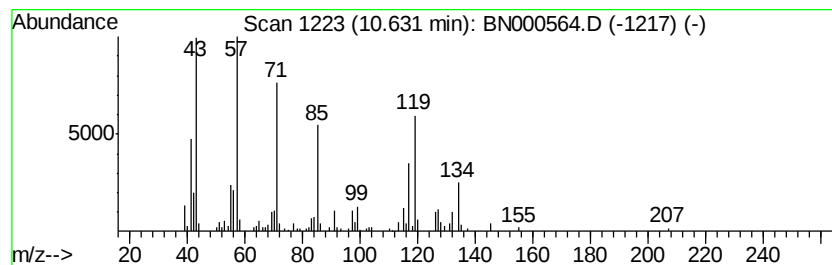
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	3.08 ng/ul	289673	Napthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	49
2		Undecane, 2-methyl-	170	C12H26	007045-71-8	49
3		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	49
4		Octane, 4-methyl-	128	C9H20	002216-34-4	38
5		Eicosane	282	C20H42	000112-95-8	38



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

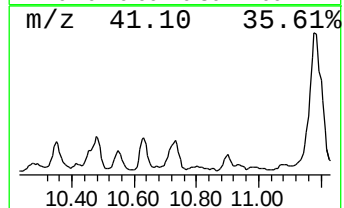
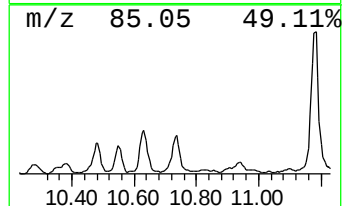
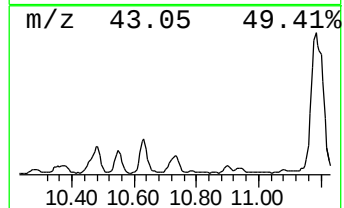
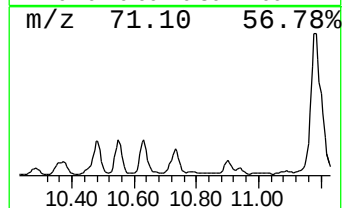
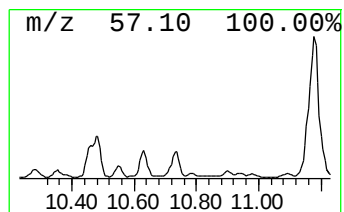
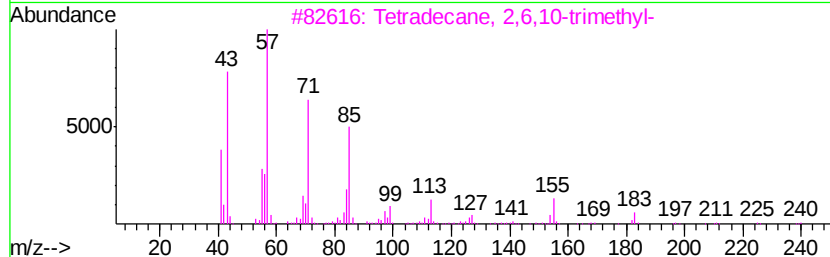
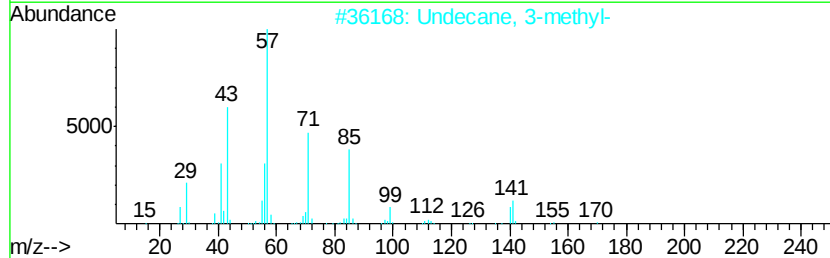
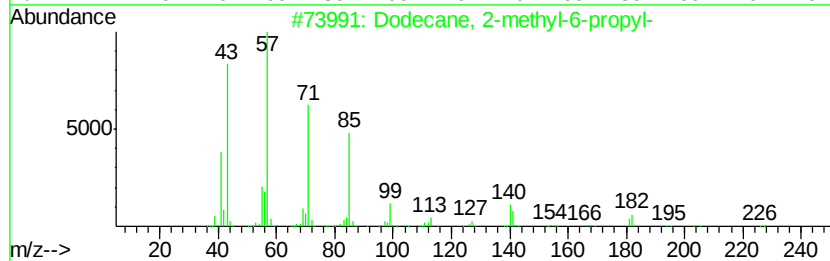
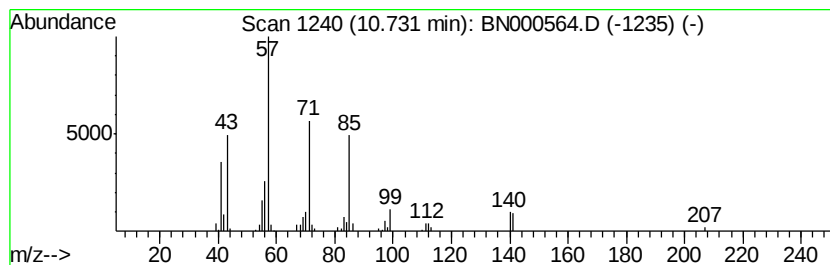
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	2.52 ng/ul	236780	Napthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	78
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	64
3		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	64
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	59
5		Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	59



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

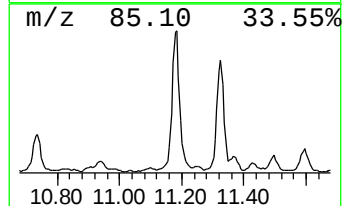
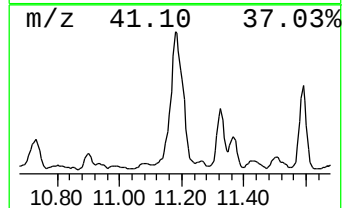
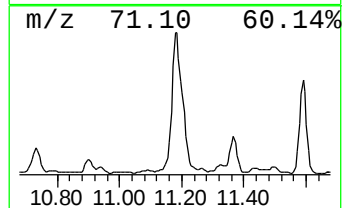
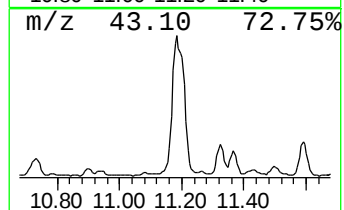
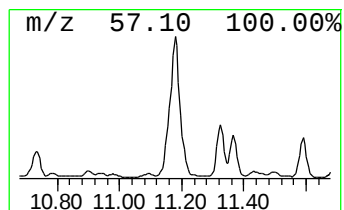
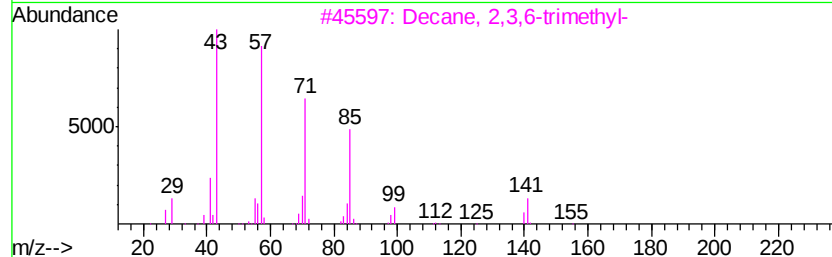
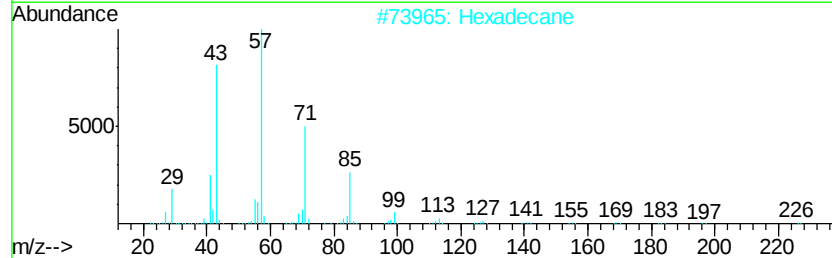
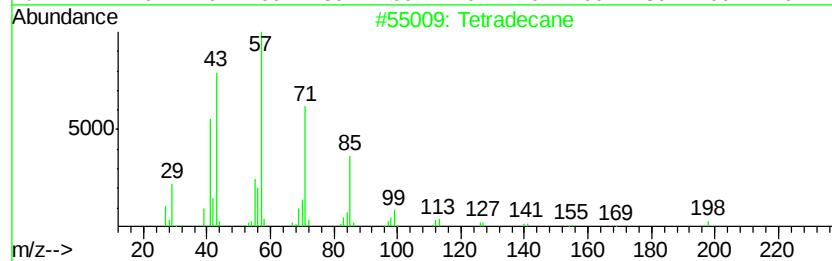
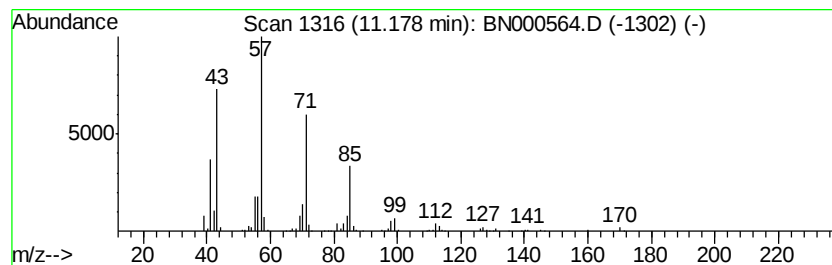
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	13.35 ng/ul	1255860	Napthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	83
2		Hexadecane	226	C16H34	000544-76-3	80
3		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	80
4		Tetradecane	198	C14H30	000629-59-4	72
5		Undecane, 5-methyl-	170	C12H26	001632-70-8	64



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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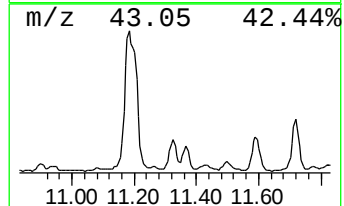
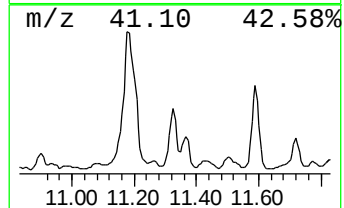
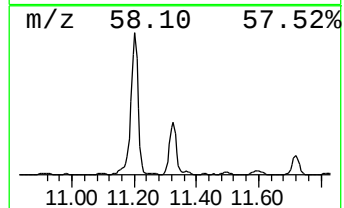
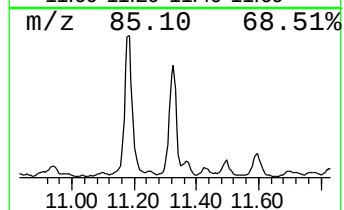
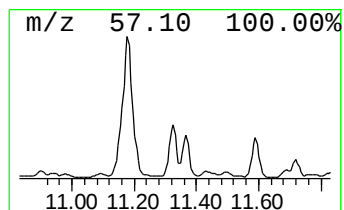
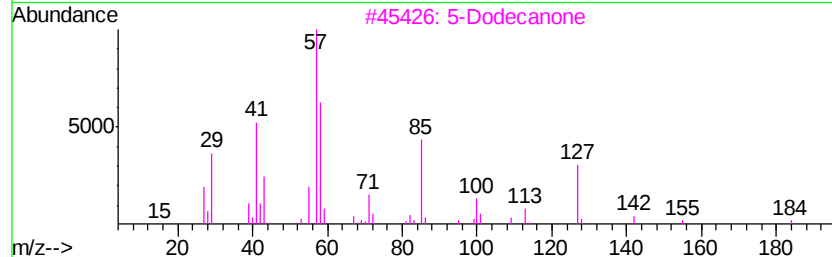
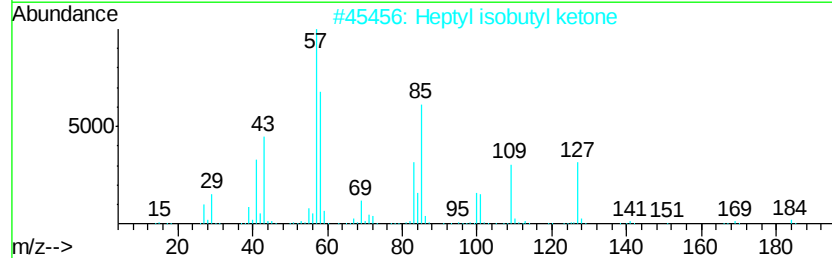
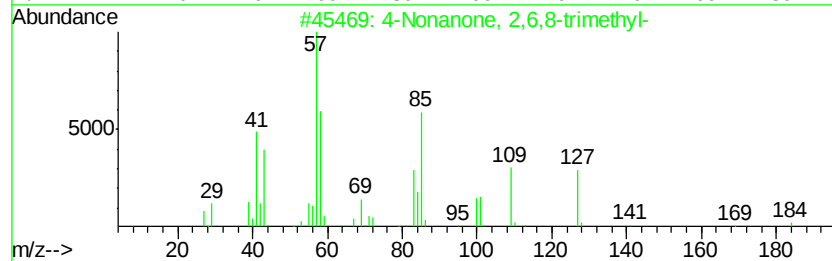
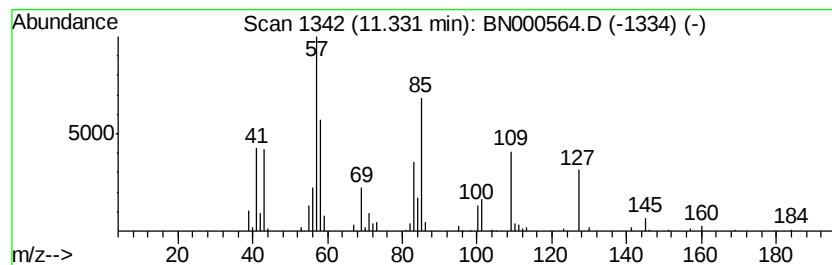
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 4-Nonanone, 2,6,8-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	6.92 ng/ul	650753	Naphthalene-d8	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Nonanone, 2,6,8-trimethyl-	184	C12H24O	000123-18-2	86
2			Heptyl isobutyl ketone	184	C12H24O	019594-40-2	72
3			5-Dodecanone	184	C12H24O	019780-10-0	47
4			5-Dodecanone	184	C12H24O	019780-10-0	47
5			4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	38



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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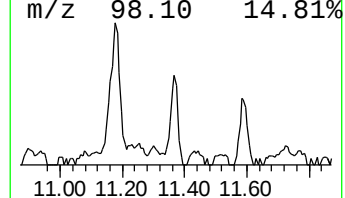
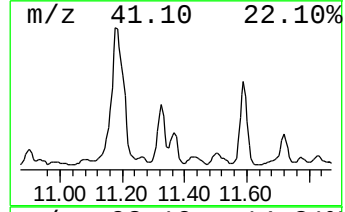
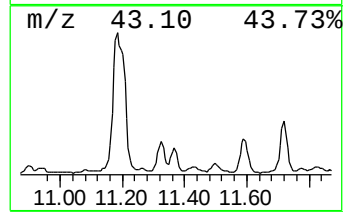
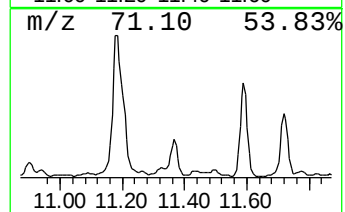
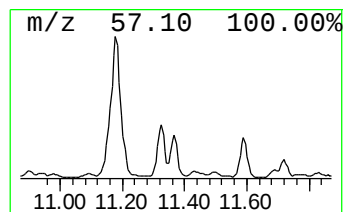
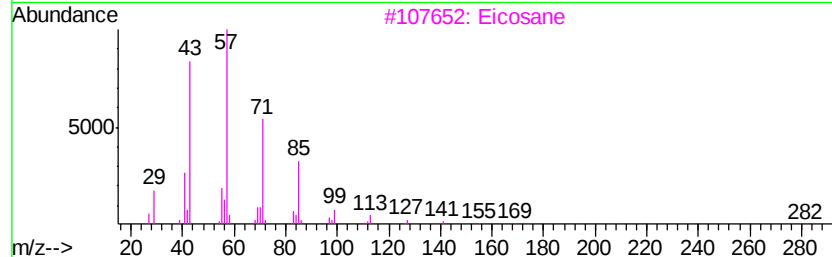
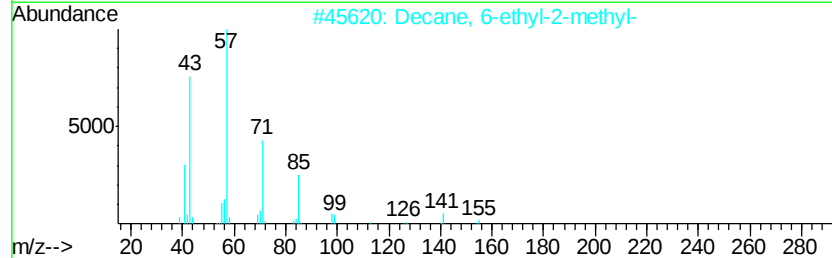
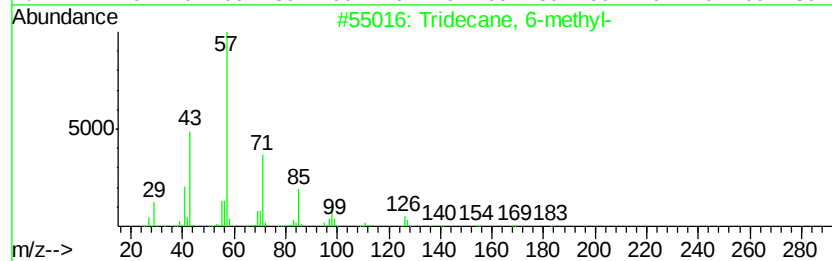
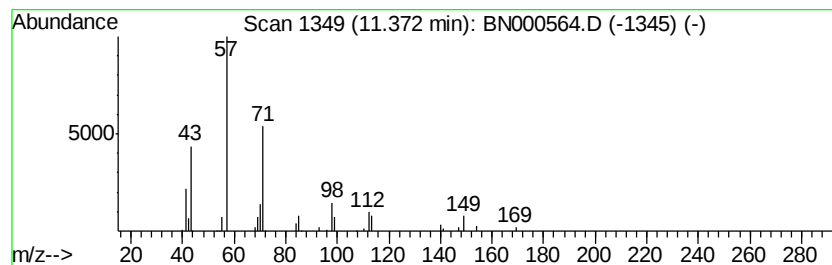
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	2.74 ng/ul	257824	Naphthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
2		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59
3		Eicosane	282	C20H42	000112-95-8	59
4		Dodecane, 6-methyl-	184	C13H28	006044-71-9	59
5		Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	56



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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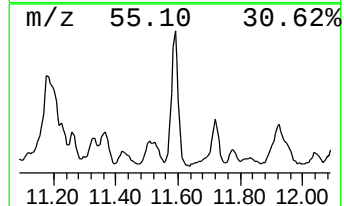
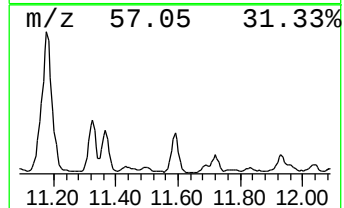
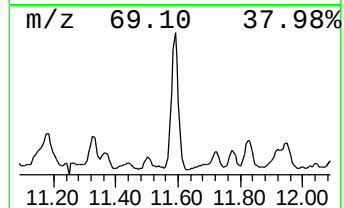
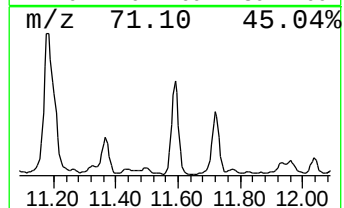
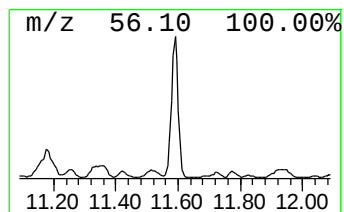
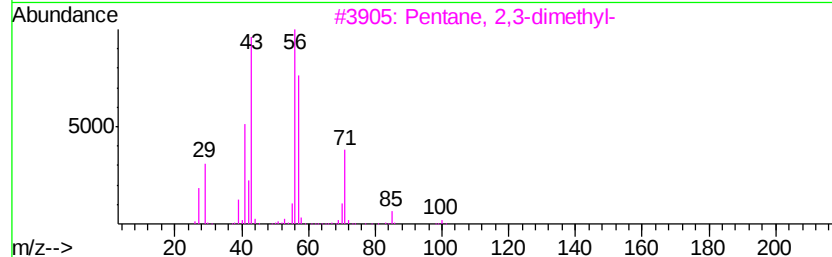
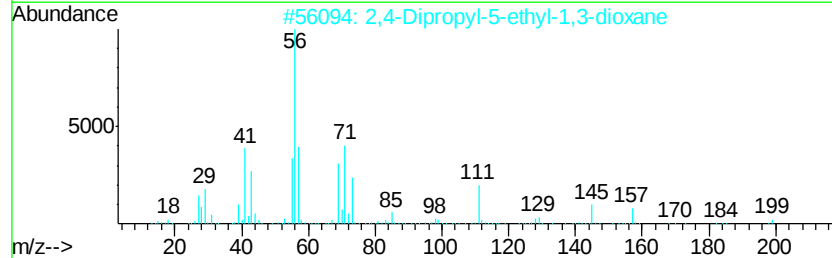
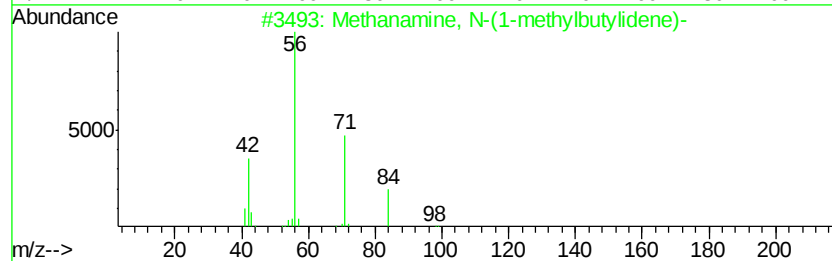
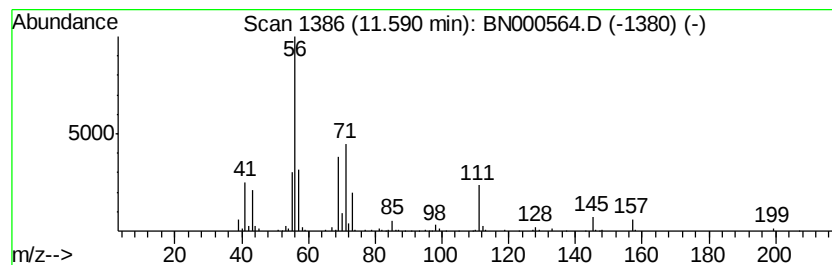
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	7.75 ng/ul	729261	Napthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methanamine, N-(1-methylbutylidene)-	99	C6H13N	022431-09-0	40
2		2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	37
3		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	36
4		Cyclohexanamine	99	C6H13N	000108-91-8	35
5		1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	27



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

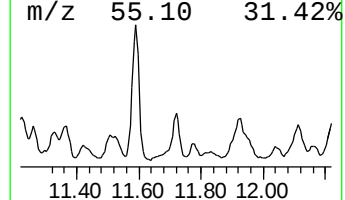
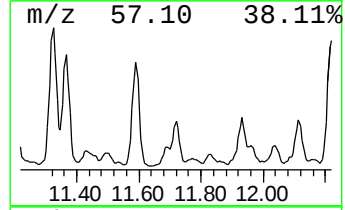
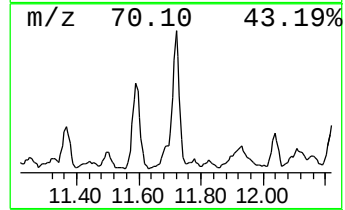
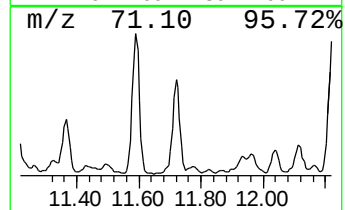
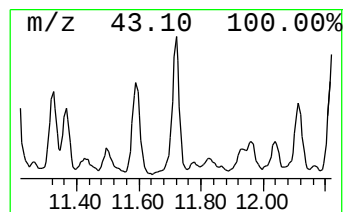
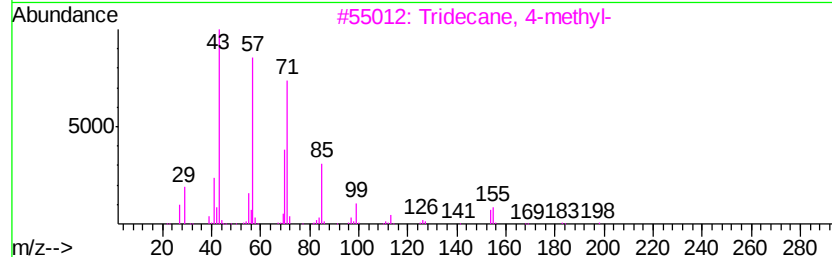
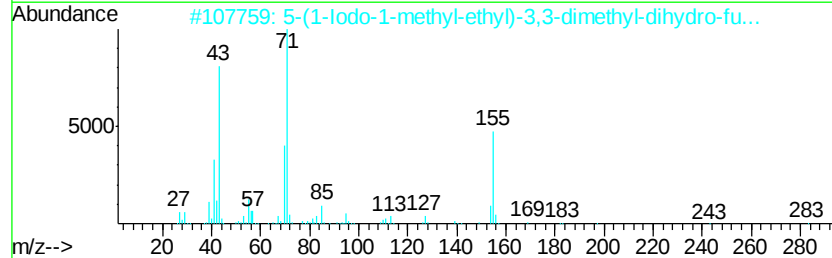
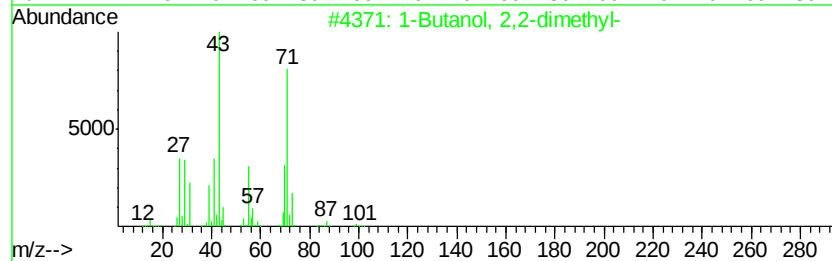
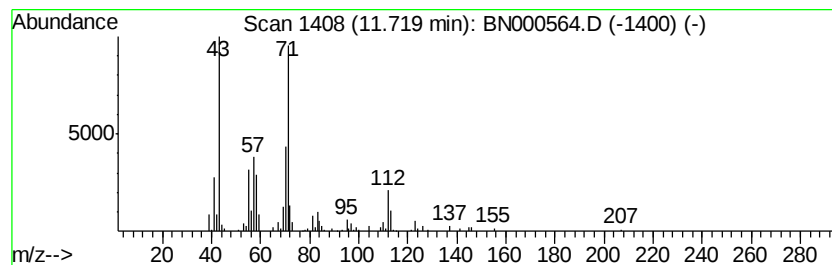
Instrument :
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 29 1-Butanol, 2,2-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	3.56 ng/ul	334865	Napthalene-d8	11.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Butanol, 2,2-dimethyl-	102 C6H14O	001185-33-7	50
2	5-(1-Iodo-1-methyl-ethyl)-3,3-di...	282 C9H15IO2	1000190-61-9	50
3	Tridecane, 4-methyl-	198 C14H30	026730-12-1	50
4	Ethanedioic acid, bis(3-methylbu...	230 C12H22O4	002051-00-5	47
5	Decane, 4-methyl-	156 C11H24	002847-72-5	45



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampled :
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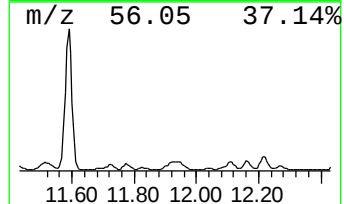
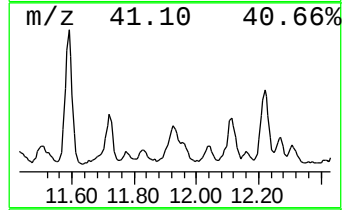
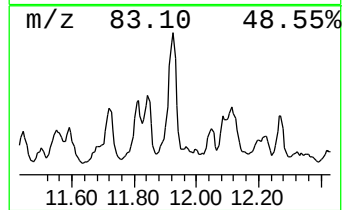
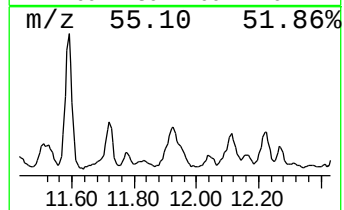
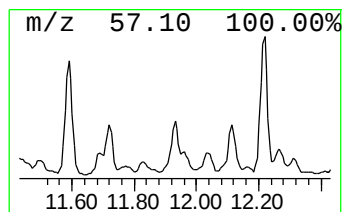
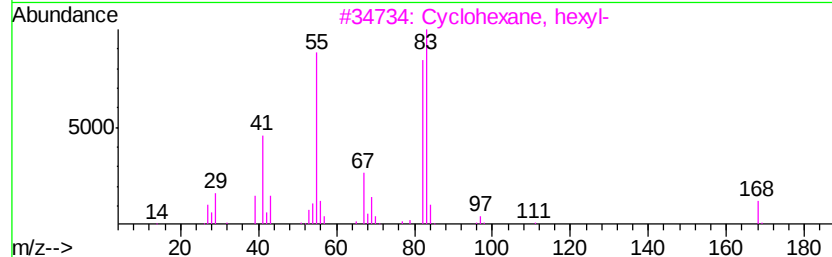
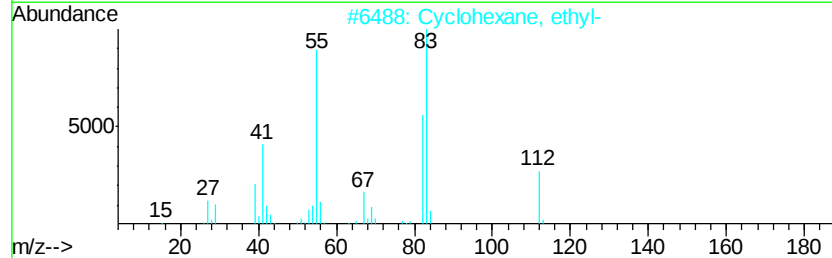
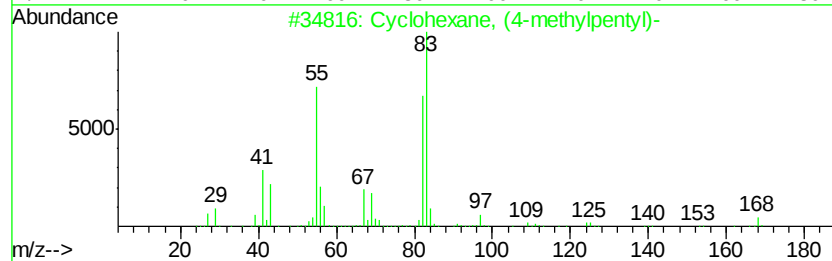
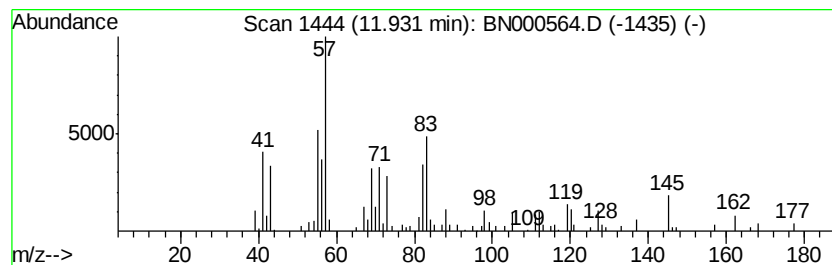
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 (DEL) Alkane: Cyclic11.93 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.90 ng/ul	366493	Napthalene-d8	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	43
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	43
3			Cyclohexane, hexyl-	168	C12H24	004292-75-5	43
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	38
5			Cyclohexane, hexyl-	168	C12H24	004292-75-5	38



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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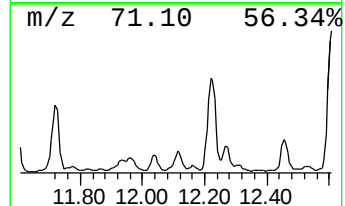
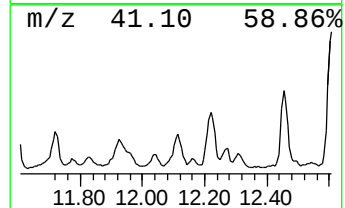
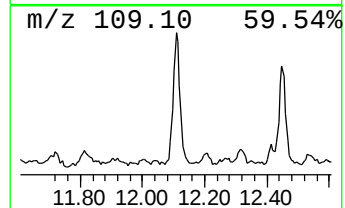
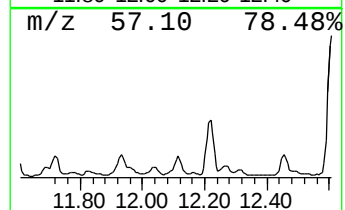
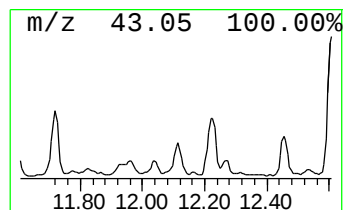
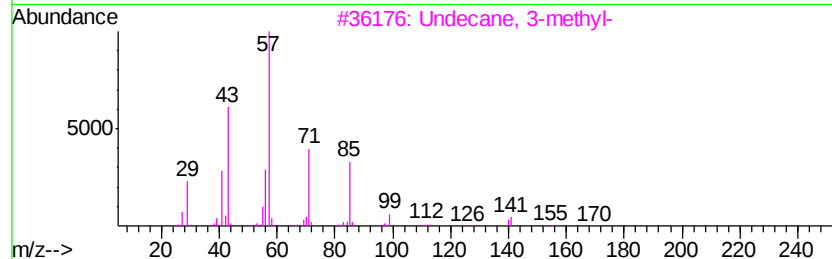
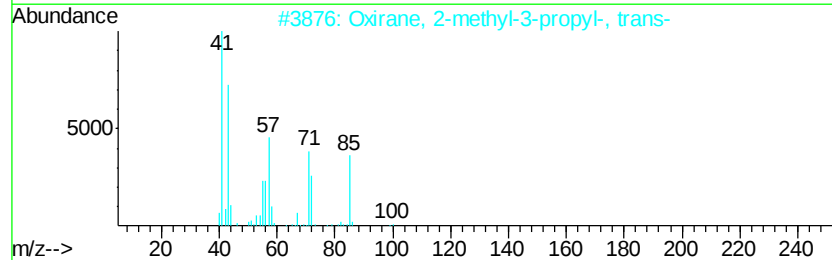
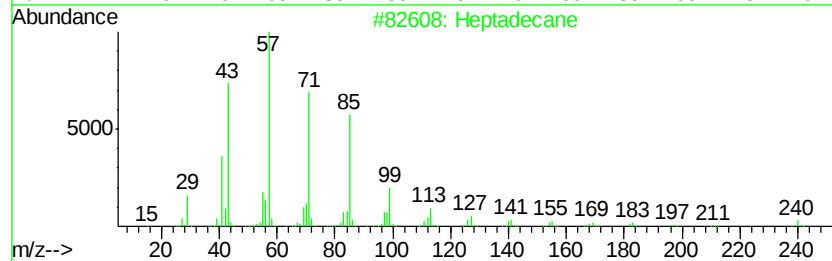
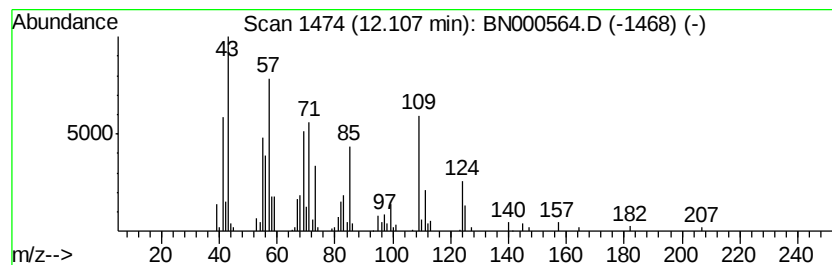
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	2.97 ng/ul	279842	Naphthalene-d8	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	25
2			Oxirane, 2-methyl-3-propyl-, trans-	100	C6H12O	006124-91-0	25
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	22
4			Tridecane, 7-propyl-	226	C16H34	055045-09-5	22
5			Decane, 1-iodo-	268	C10H21I	002050-77-3	22



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

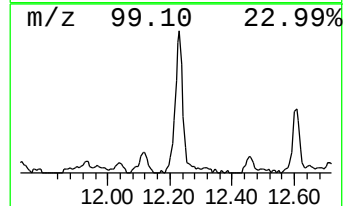
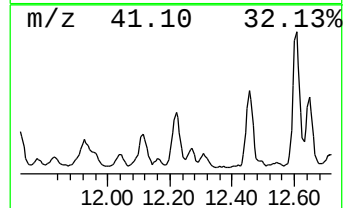
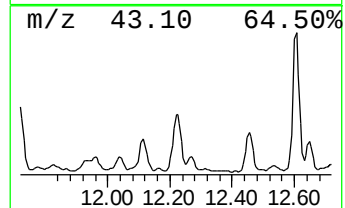
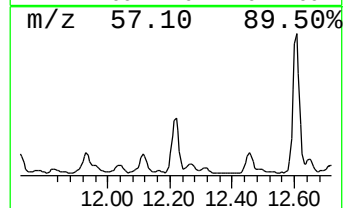
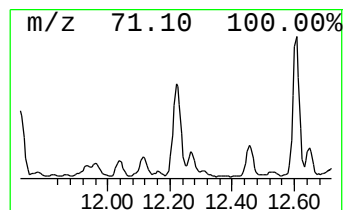
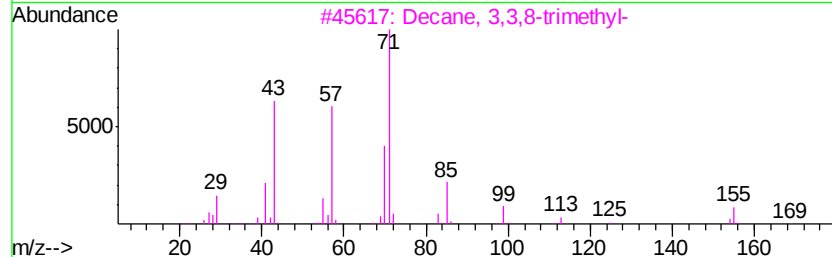
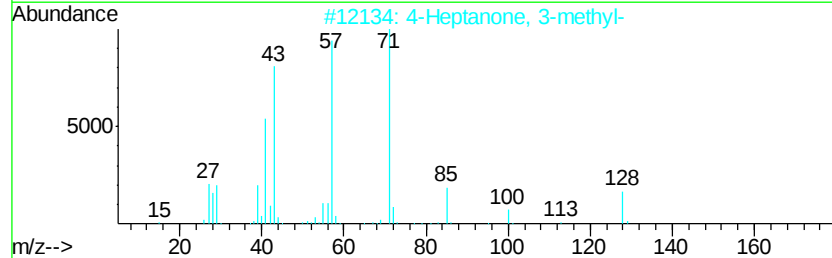
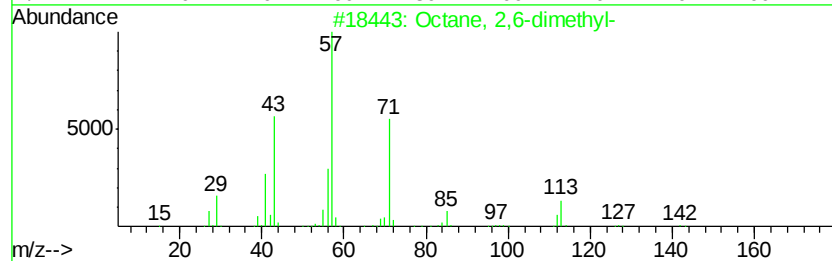
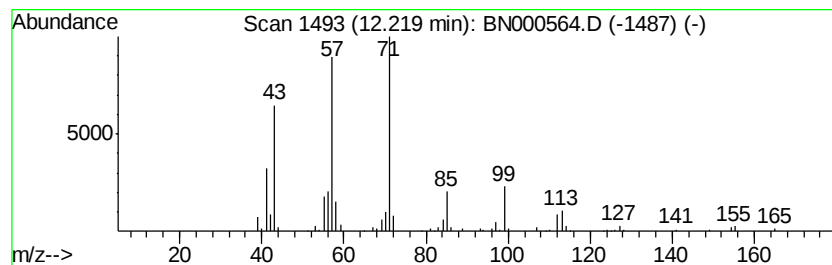
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	4.40 ng/ul	413919	Napthalene-d8	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
2			4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	53
3			Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	50
4			Decane, 3,3,5-trimethyl-	184	C13H28	062338-13-0	50
5			Decane, 2,8,8-trimethyl-	184	C13H28	1000060-81-2	50



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

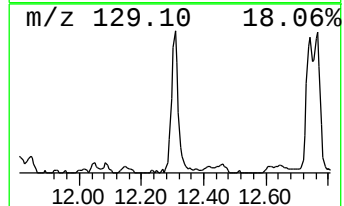
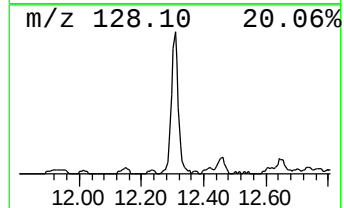
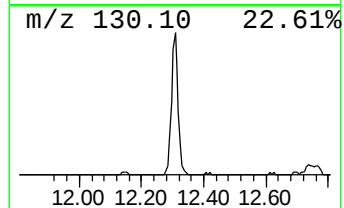
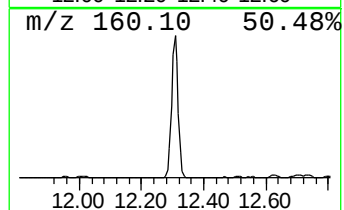
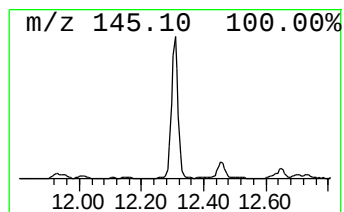
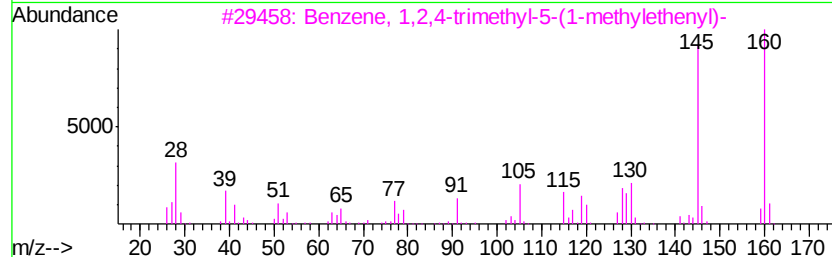
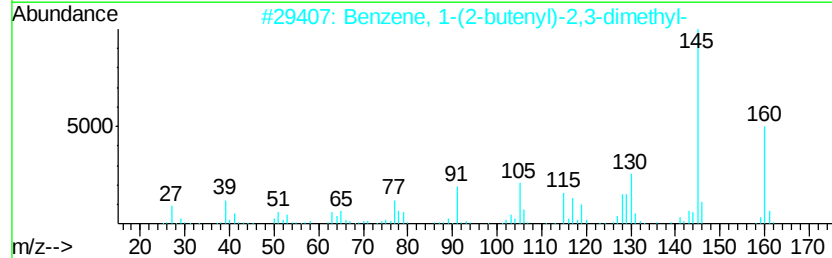
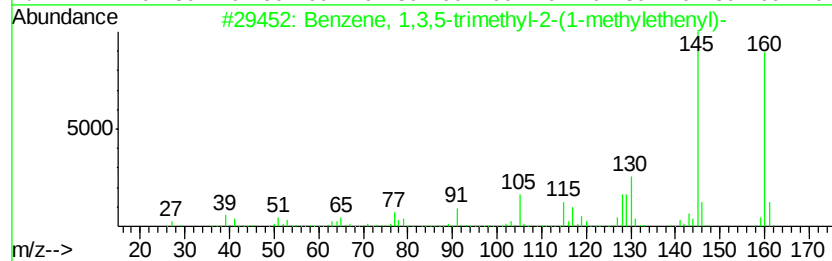
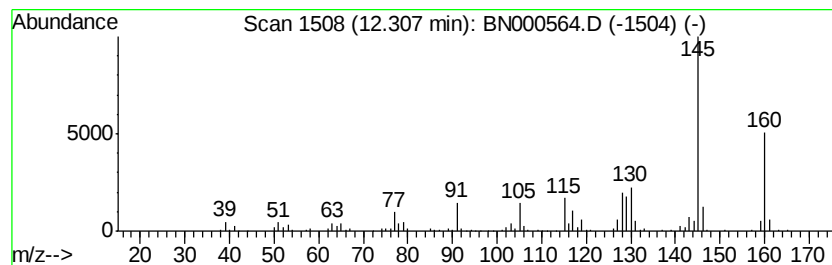
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	6.65 ng/ul	625507	Naphthalene-d8	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3,5-trimethyl-2-(1-methyl-2-propenyl)-	160	C12H16	014679-13-1	97
2			Benzene, 1-(2-butenyl)-2,3-dimethyl-	160	C12H16	054340-85-1	94
3			Benzene, 1,2,4-trimethyl-5-(1-methyl-2-propenyl)-	160	C12H16	054340-84-0	91
4			Benzene, 4-(2-butenyl)-1,2-dimethyl-	160	C12H16	054340-86-2	91
5			Benzene, 1-(2-butenyl)-2,3-dimethyl-	160	C12H16	054340-85-1	91



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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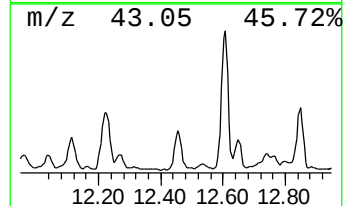
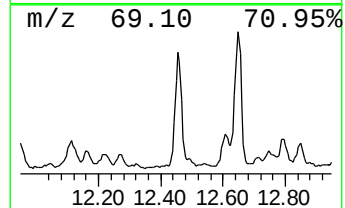
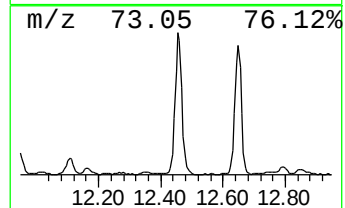
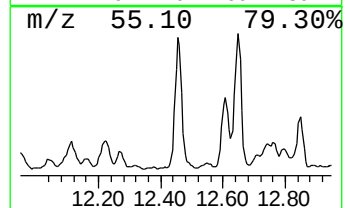
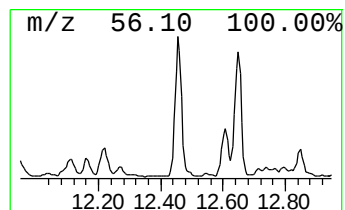
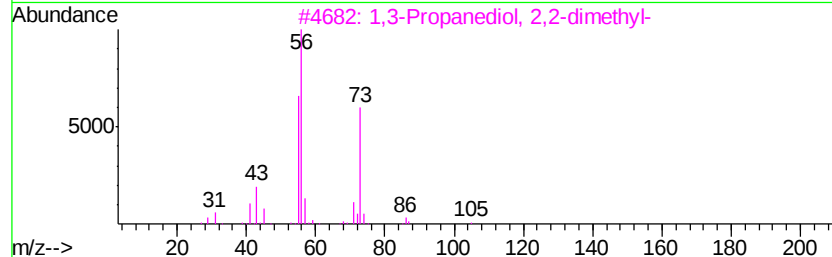
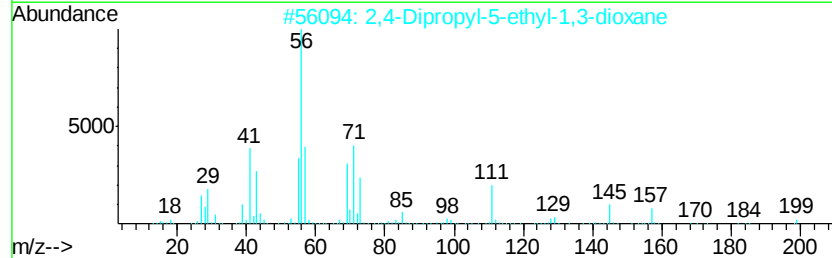
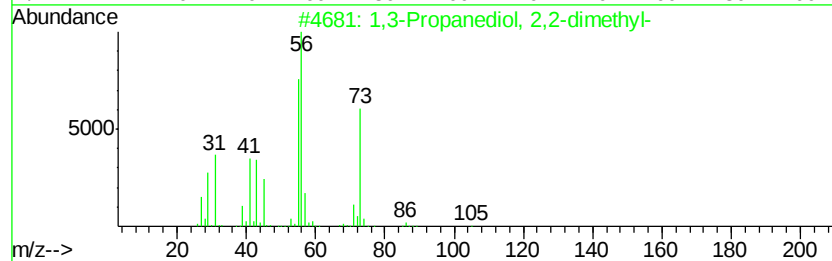
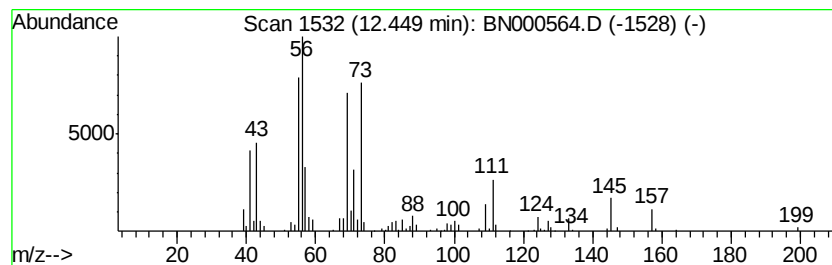
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 1,3-Propanediol, 2,2-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	6.05 ng/ul	569209	Napthalene-d8	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Propanediol, 2,2-dimethyl-	104	C5H12O2	000126-30-7	50
2			2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	43
3			1,3-Propanediol, 2,2-dimethyl-	104	C5H12O2	000126-30-7	40
4			1,3-Propanediol, 2,2-dimethyl-	104	C5H12O2	000126-30-7	40
5			Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	38



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

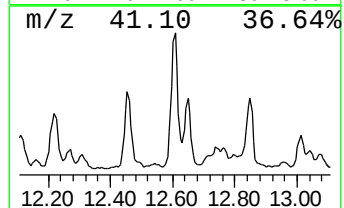
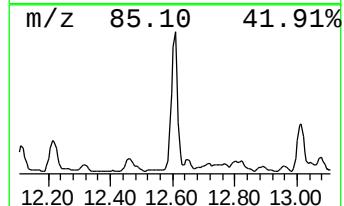
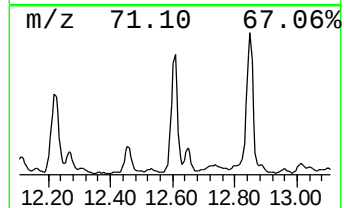
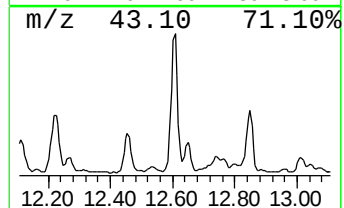
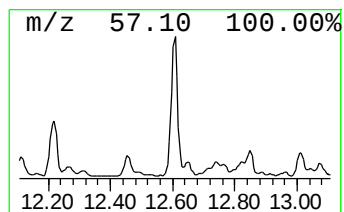
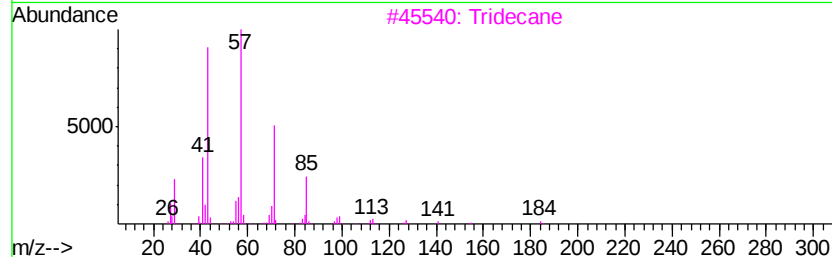
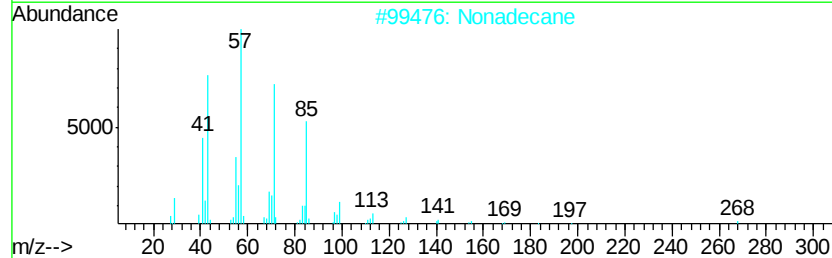
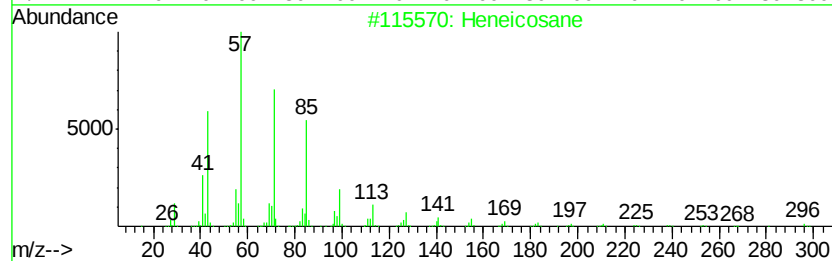
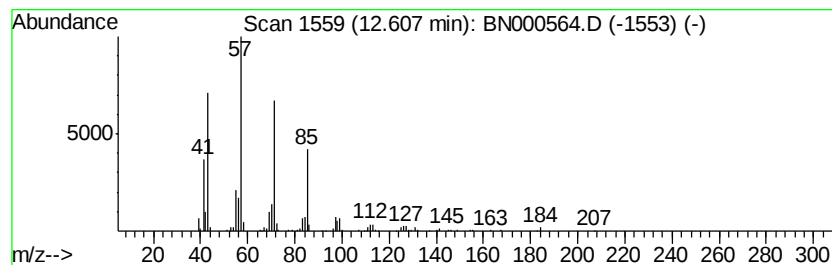
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	8.39 ng/ul	789151	Naphthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Nonadecane	268	C19H40	000629-92-5	86
3		Tridecane	184	C13H28	000629-50-5	81
4		Tridecane	184	C13H28	000629-50-5	81
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

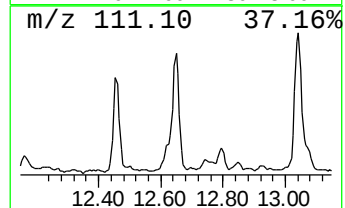
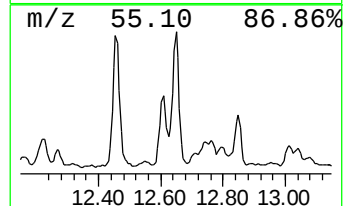
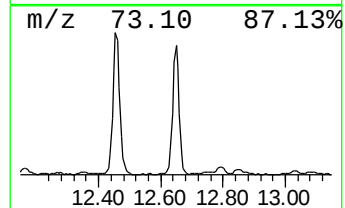
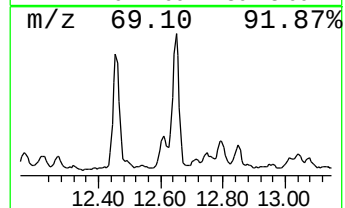
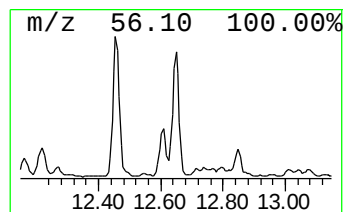
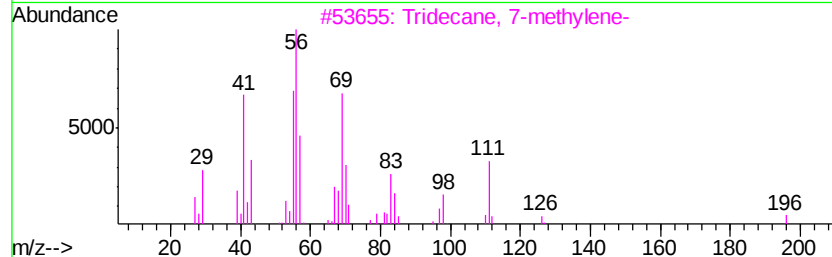
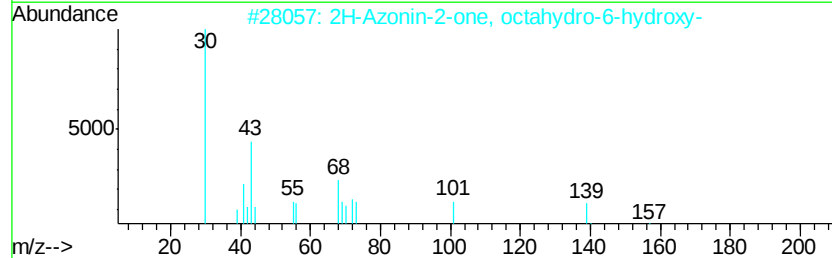
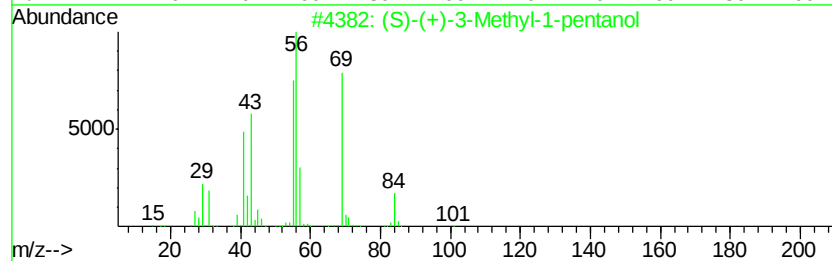
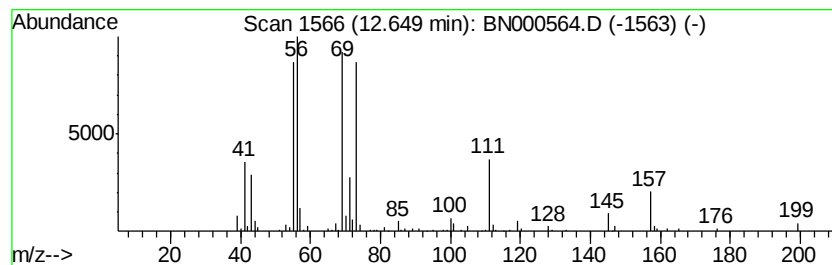
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 unknown-03 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	4.75 ng/ul	446921	Naphthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(S)-(+)-3-Methyl-1-pentanol	102	C6H14O	042072-39-9	40
2		2H-Azonin-2-one, octahydro-6-hyd...	157	C8H15NO2	023435-07-6	38
3		Tridecane, 7-methylene-	196	C14H28	019780-80-4	38
4		4-Undecene, 10-methyl-, (E)-	168	C12H24	074630-60-7	33
5		Undecanol-4	172	C11H24O	004272-06-4	25



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

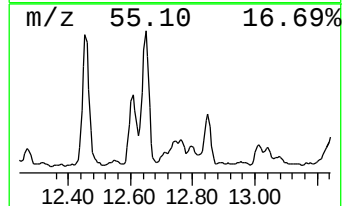
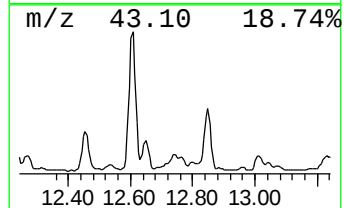
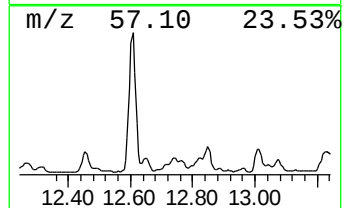
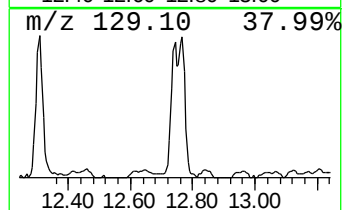
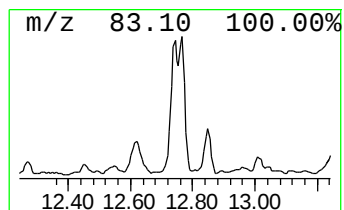
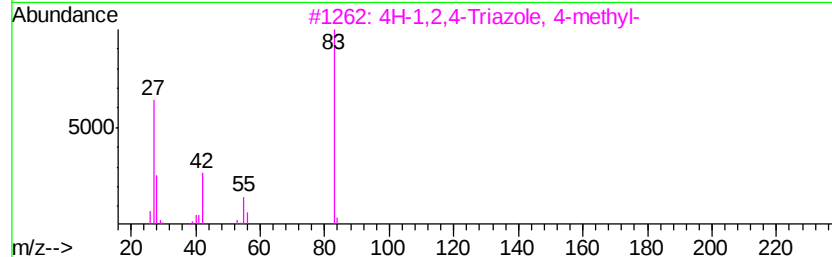
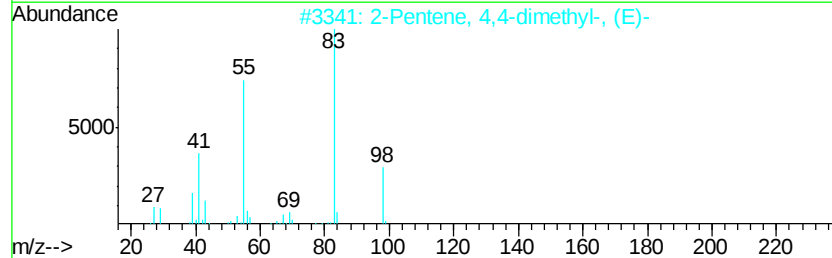
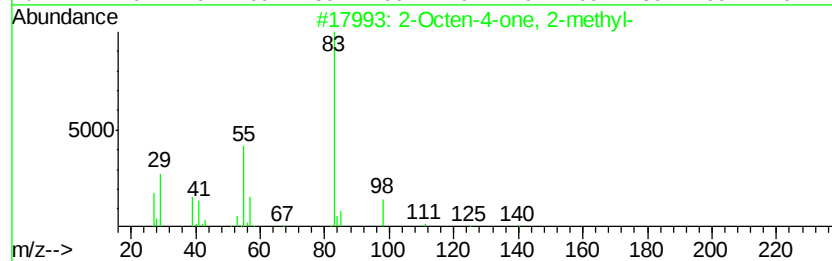
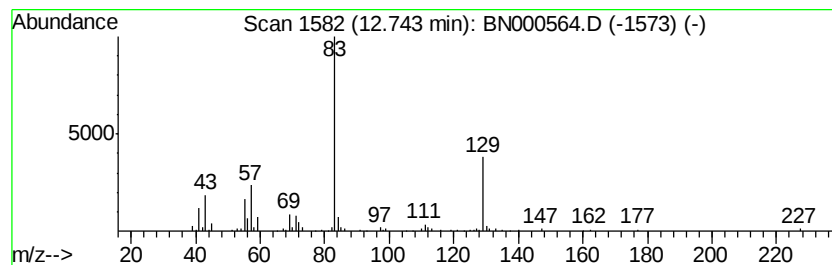
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 2-Octen-4-one, 2-methyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	2.84 ng/ul	266854	Naphthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Octen-4-one, 2-methyl-	140	C9H16O	019860-71-0	53
2		2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	40
3		4H-1,2,4-Triazole, 4-methyl-	83	C3H5N3	010570-40-8	40
4		Bis(2-ethylhexyl) hydrogen phosph...	306	C16H35O3P	003658-48-8	40
5		2,2-Dimethyl-4-octenal	154	C10H18O	030390-60-4	38



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DAM41DL2

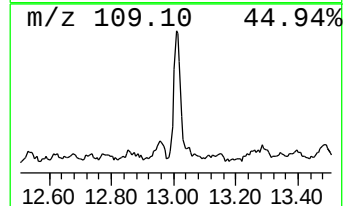
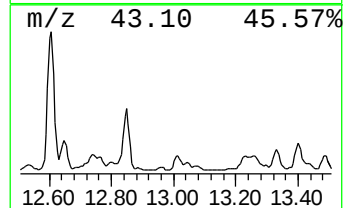
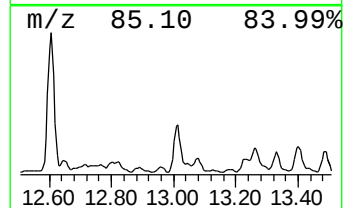
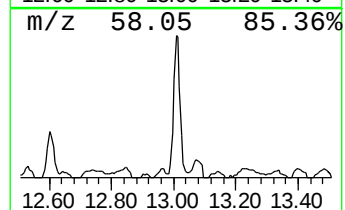
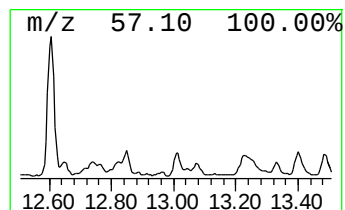
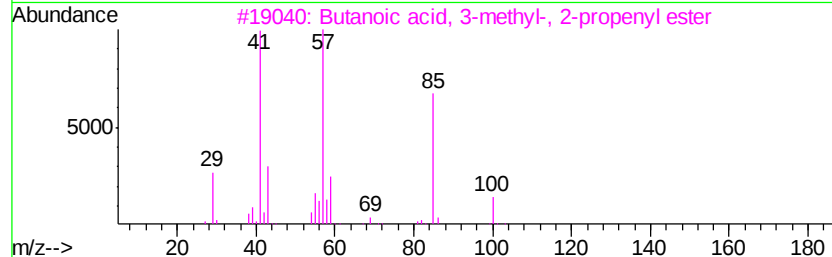
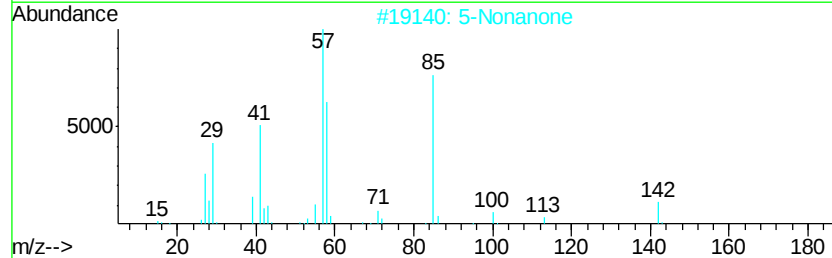
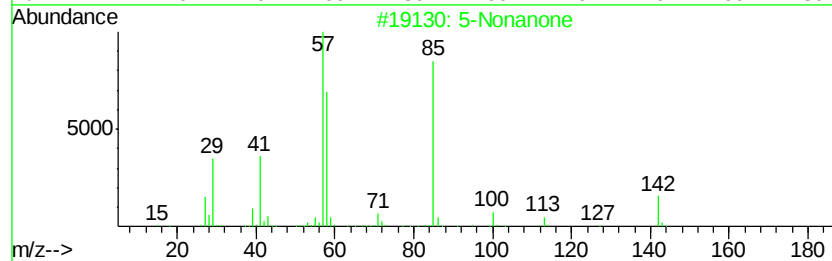
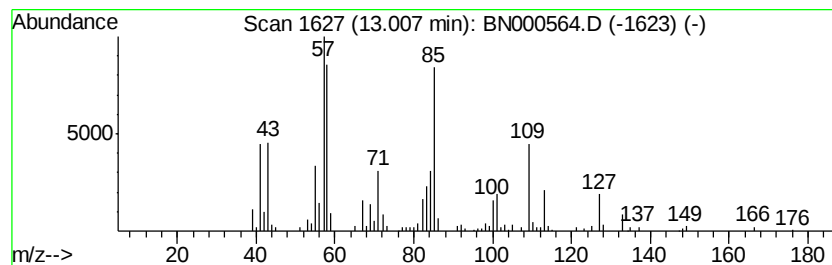
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 unknown-04 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	2.57 ng/ul	241643	Napthalene-d8	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Nonanone	142	C9H18O	000502-56-7	47
2			5-Nonanone	142	C9H18O	000502-56-7	43
3			Butanoic acid, 3-methyl-, 2-propenyl ester	142	C8H14O2	002835-39-4	22
4			1-Propene, 1-propoxy-, (Z)-	100	C6H12O	014360-78-2	18
5			2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	18



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

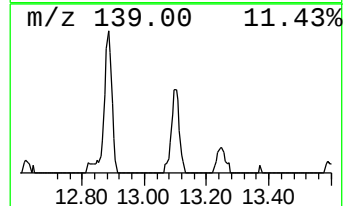
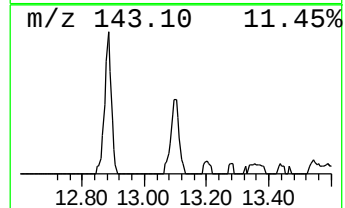
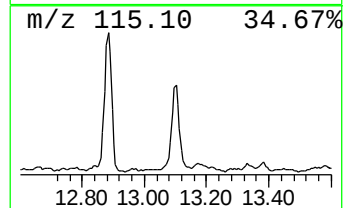
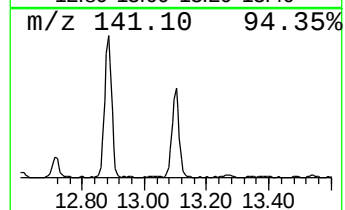
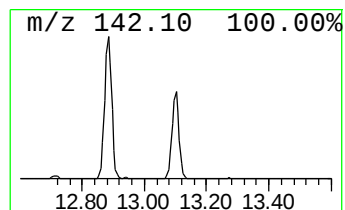
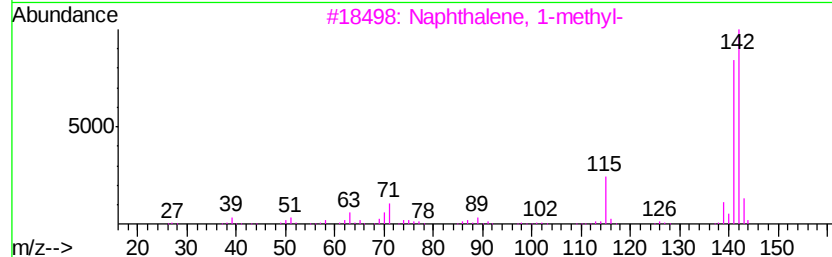
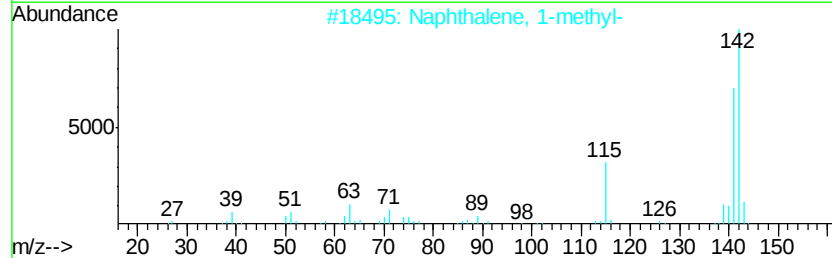
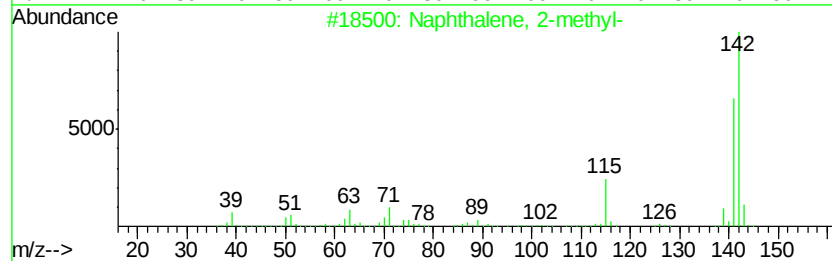
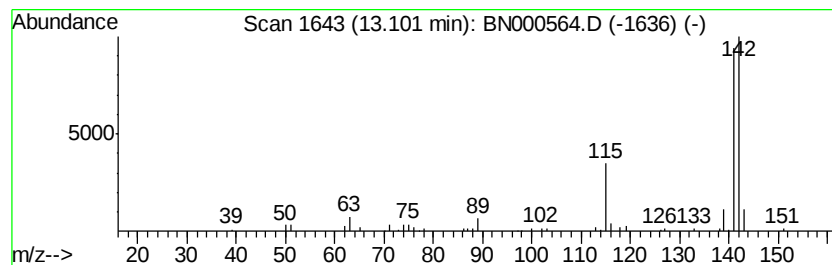
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Quant Title : SVOA CALIBRATION

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

Peak Number 39 Naphthalene, 1-methyl- Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	2.21 ng/ul	207923	Naphthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

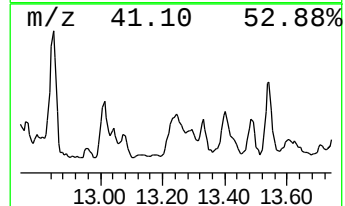
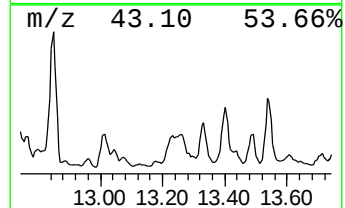
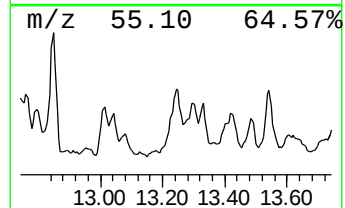
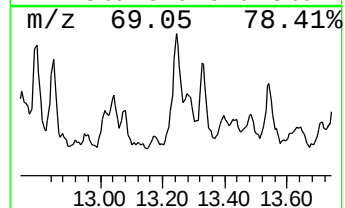
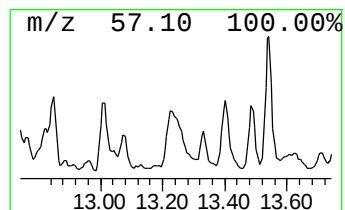
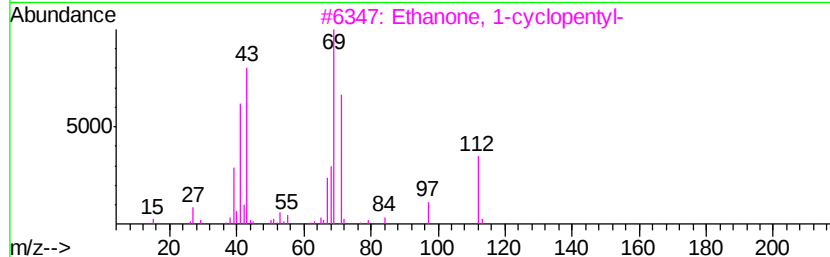
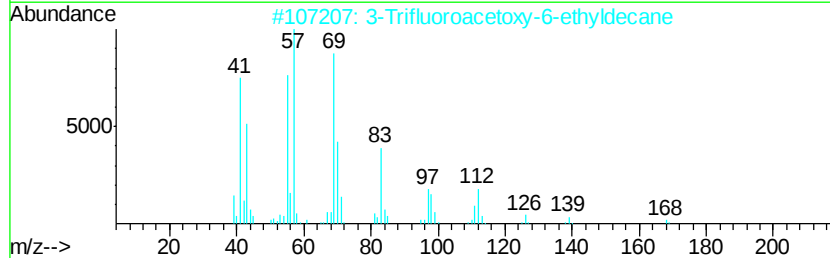
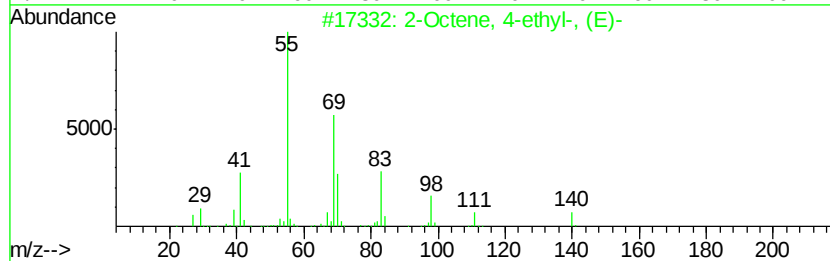
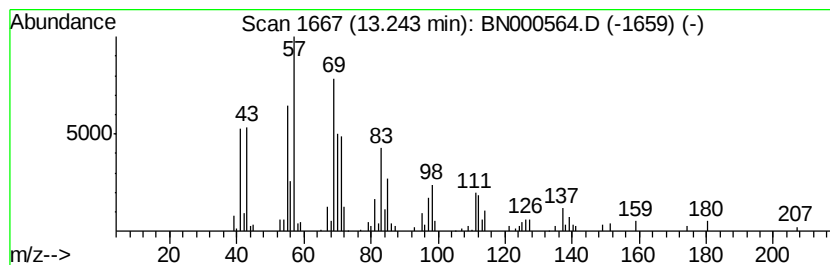
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Quant Title : SVOA CALIBRATION

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

Peak Number 40 (DEL) Alkane: Cyclic13.24 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	2.36 ng/ul	302221	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octene, 4-ethyl-, (E)-	140	C10H20	074630-09-4	46
2			3-Trifluoroacetoxy-6-ethyldecane	282	C14H25F3O2	116436-59-0	43
3			Ethanone, 1-cyclopentyl-	112	C7H12O	006004-60-0	38
4			Heptane, 4-methylene-	112	C8H16	015918-08-8	30
5			3-Heptene, 4-methyl-	112	C8H16	004485-16-9	30



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

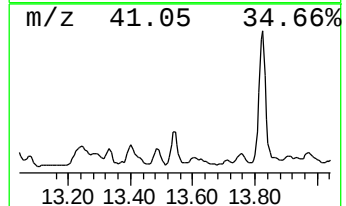
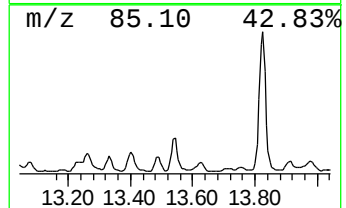
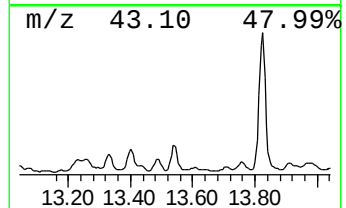
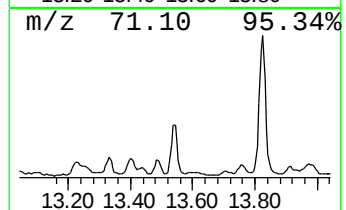
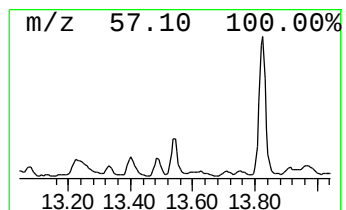
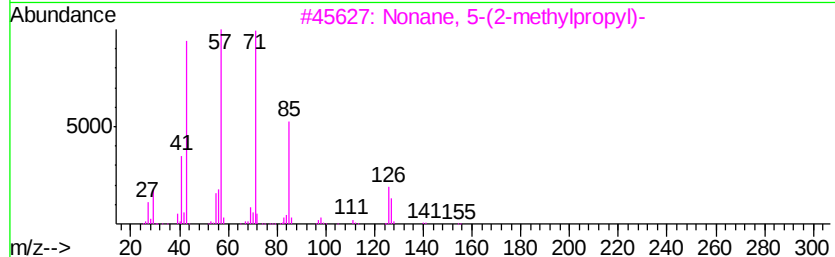
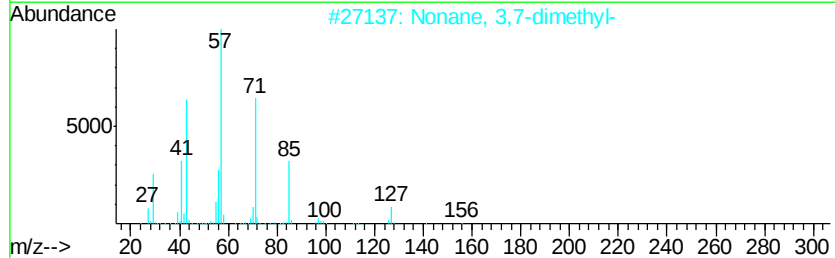
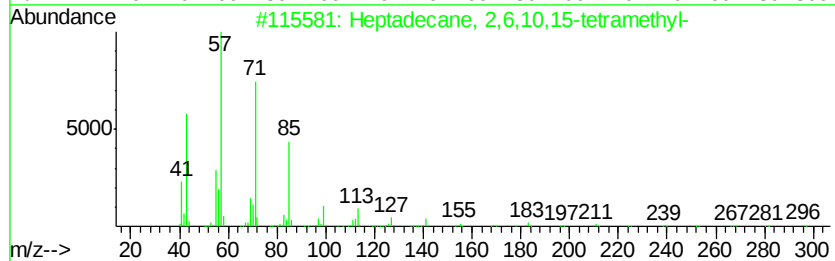
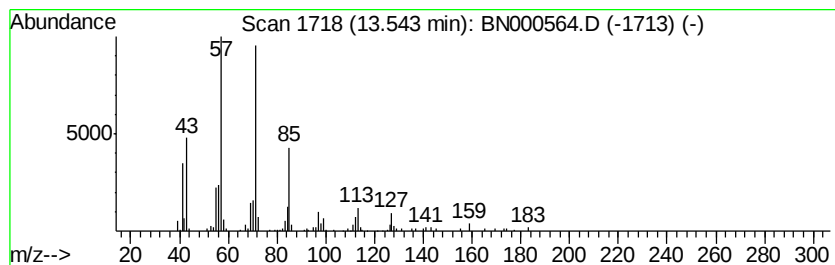
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Quant Title : SVOA CALIBRATION

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	2.31 ng/ul	296268	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
3			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	59
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
5			Nonane, 5-butyl-	184	C13H28	017312-63-9	53



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
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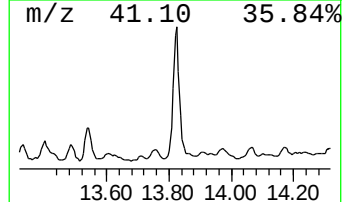
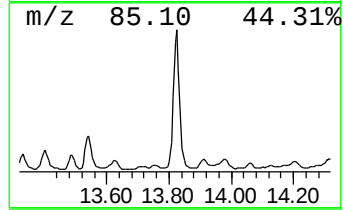
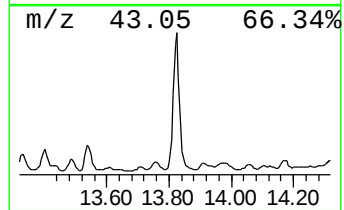
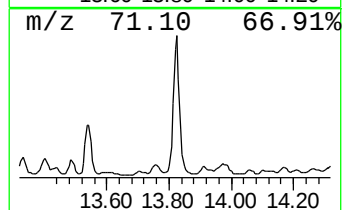
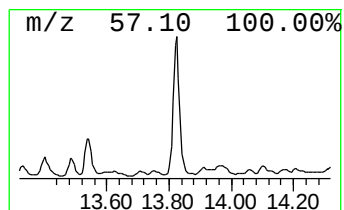
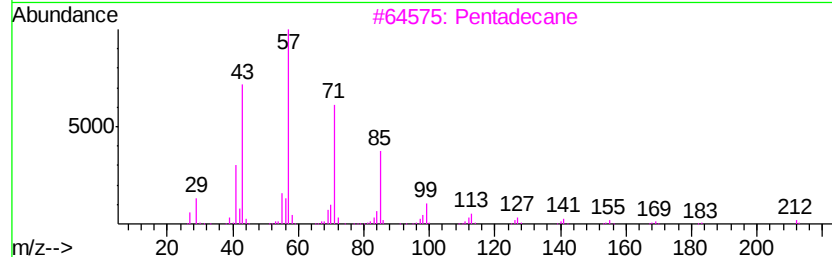
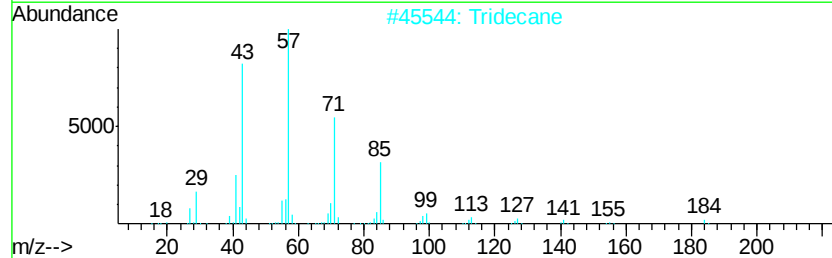
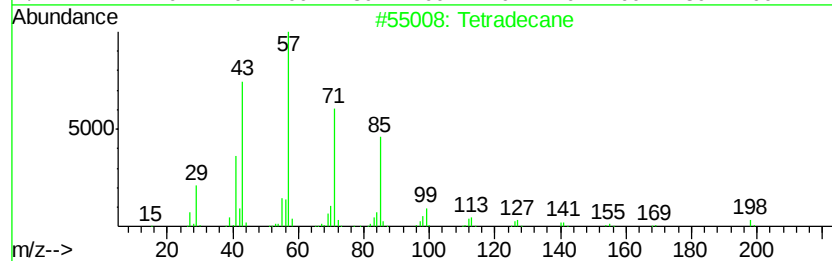
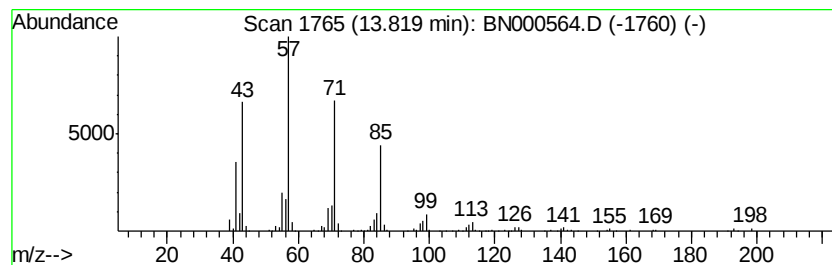
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Quant Title : SVOA CALIBRATION

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

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	7.55 ng/ul	966937	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Tridecane	184	C13H28	000629-50-5	90
3			Pentadecane	212	C15H32	000629-62-9	83
4			Decane, 5-propyl-	184	C13H28	017312-62-8	78
5			Hexadecane	226	C16H34	000544-76-3	78



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

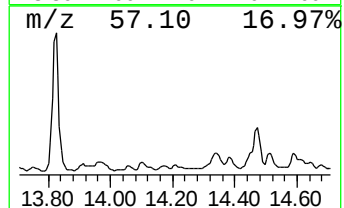
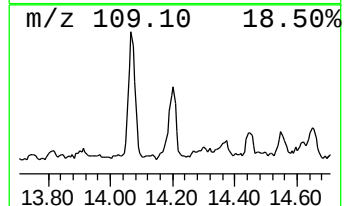
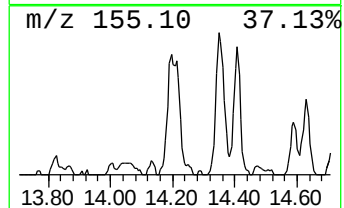
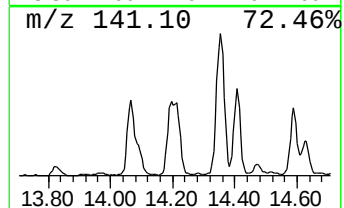
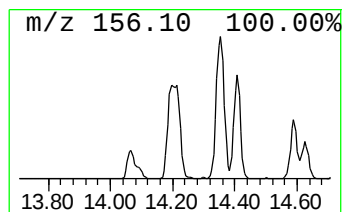
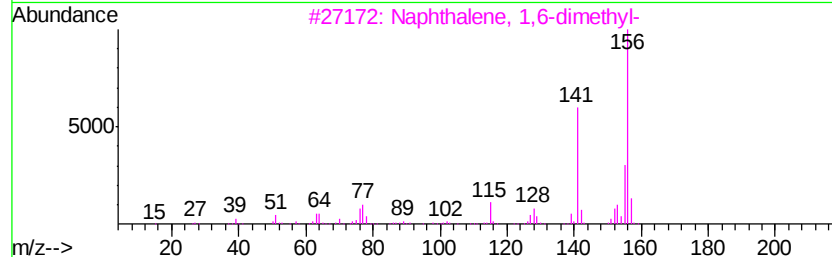
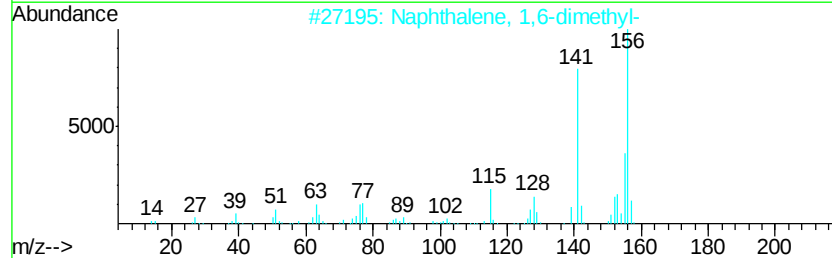
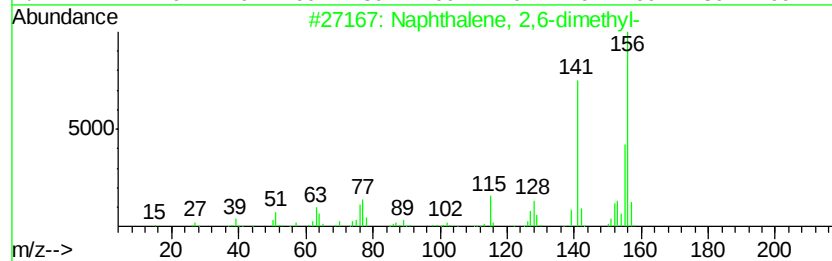
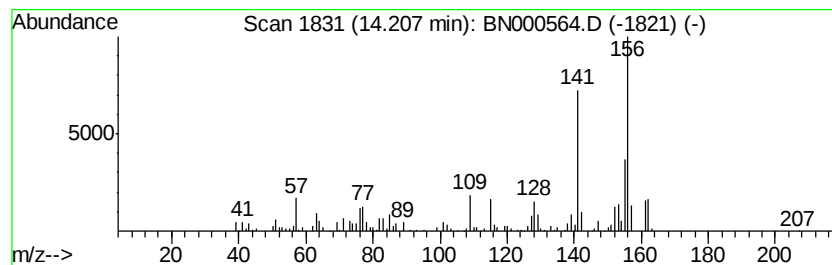
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Quant Title : SVOA CALIBRATION

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

Peak Number 43 Naphthalene, 2,6-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	4.17 ng/ul	533692	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

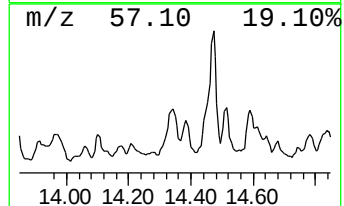
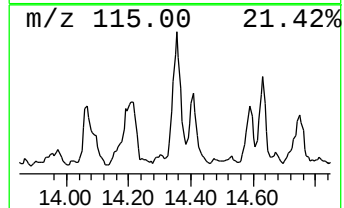
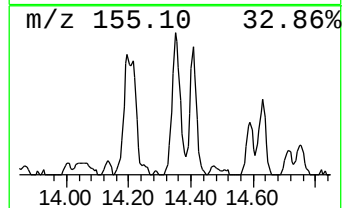
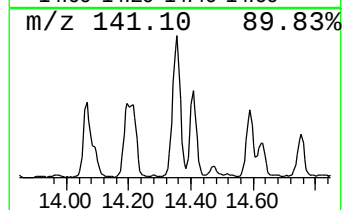
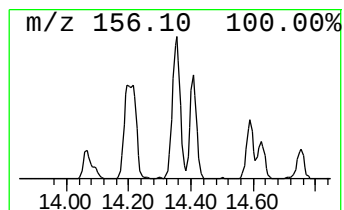
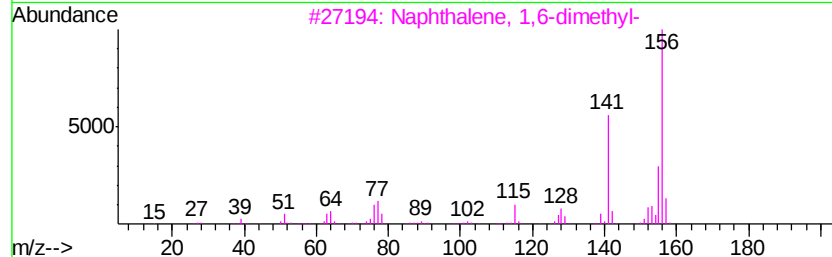
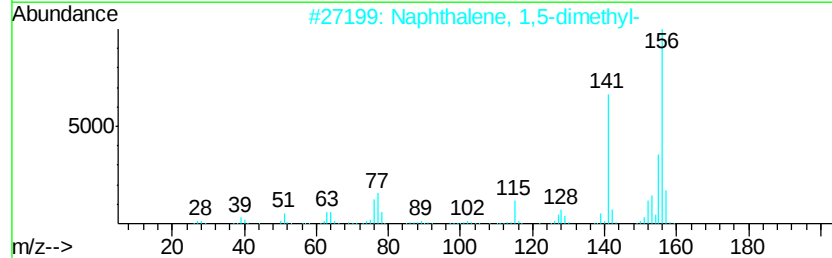
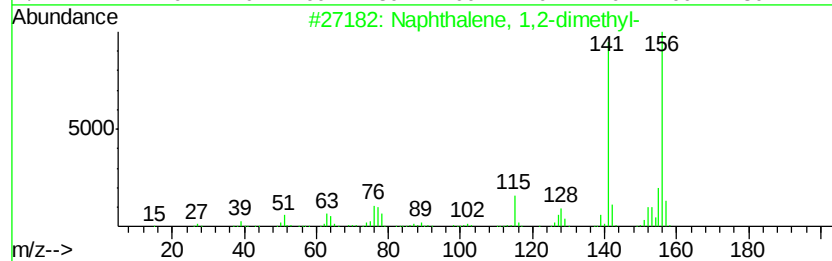
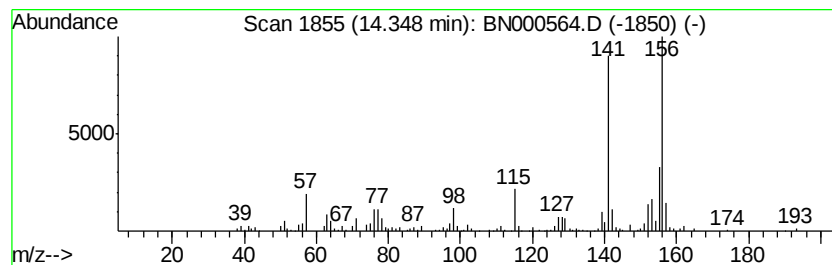
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Quant Title : SVOA CALIBRATION

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

Peak Number 44 Naphthalene, 1,2-dimethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	3.16 ng/ul	404581	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

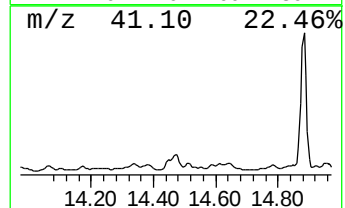
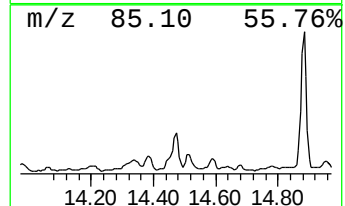
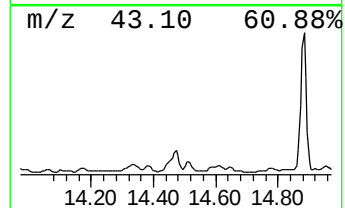
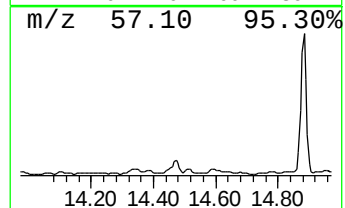
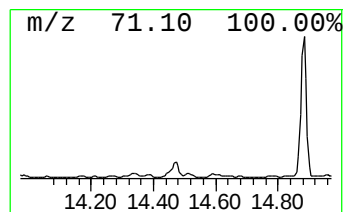
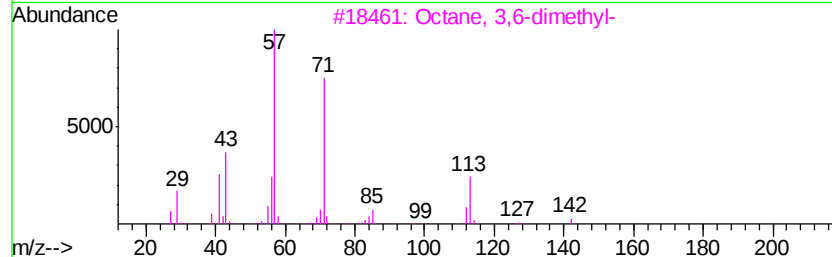
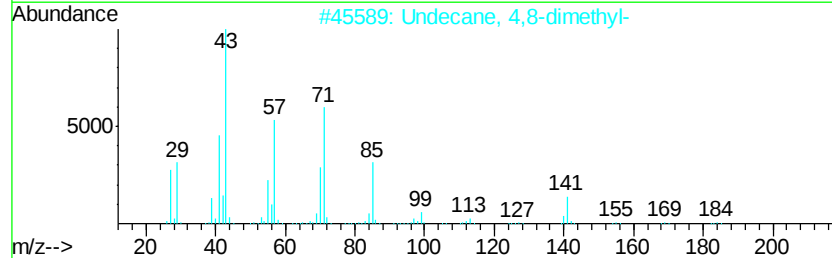
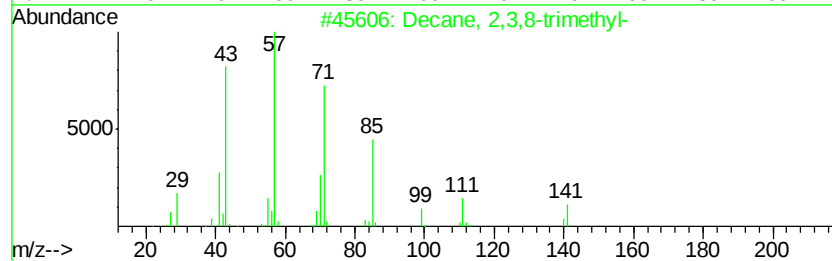
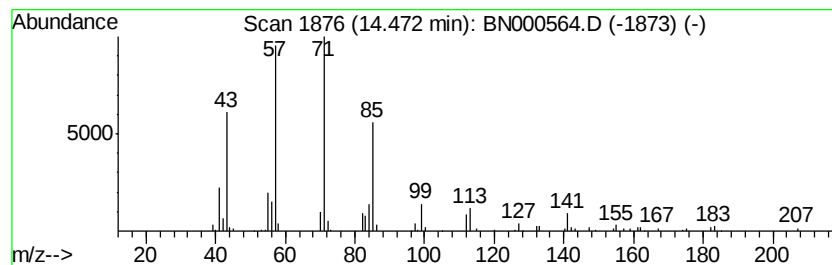
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Quant Title : SVOA CALIBRATION

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

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	2.44 ng/ul	312054	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	64
2			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	50
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	50
4			Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	50
5			Octane, 3-ethyl-	142	C10H22	005881-17-4	47



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

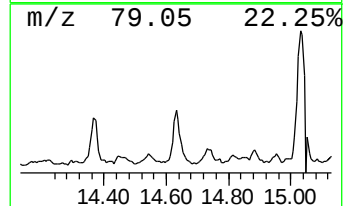
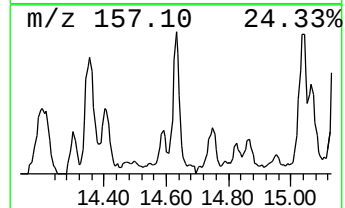
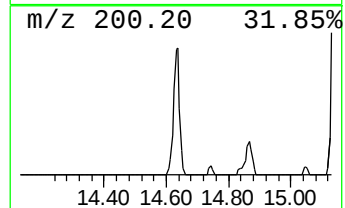
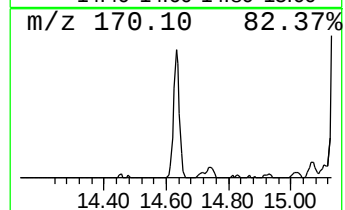
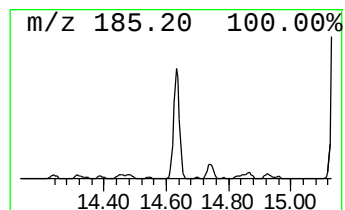
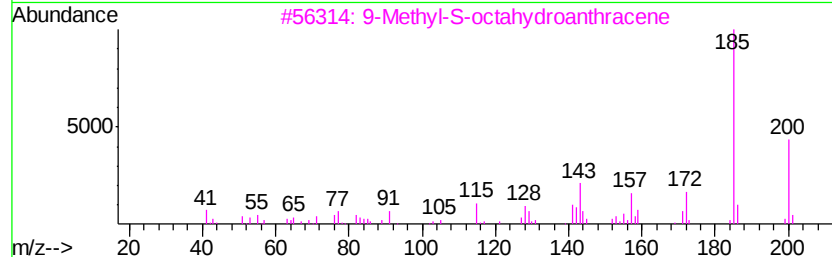
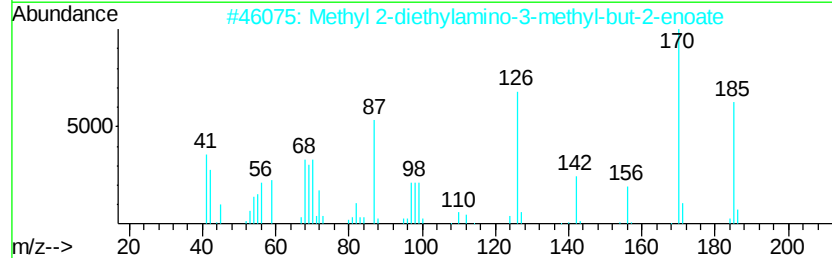
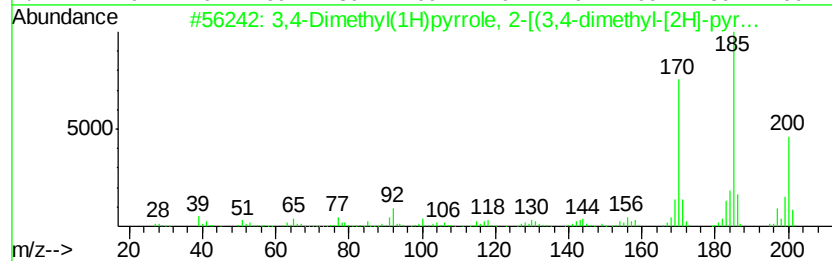
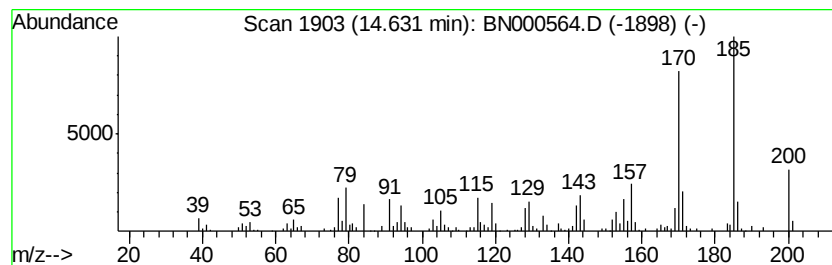
Instrument :
BNA_N
ClientSampleId :
DAM41DL2

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 46 3,4-Dimethyl(1H)pyrrole, 2-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	4.09 ng/ul	523256	Acenaphthene-d10	15.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3,4-Dimethyl(1H)pyrrole, 2-[(3,4...	200 C13H16N2	065539-79-9	81
2	Methyl 2-diethylamino-3-methyl-b...	185 C10H19NO2	075122-81-5	53
3	9-Methyl-S-octahydroanthracene	200 C15H20	004948-51-0	50
4	4'-(1-Pyrrovl)acetophenone	185 C12H11NO	022106-37-2	50
5	Cyclopropane, 1-methoxy-2,2-dime...	200 C14H16O	1000271-83-0	43



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

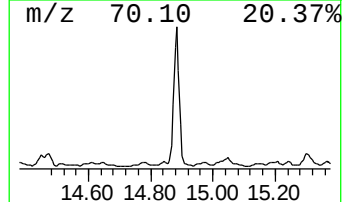
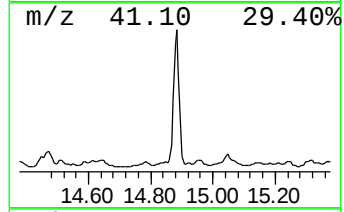
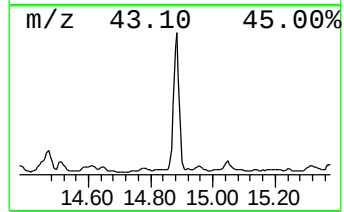
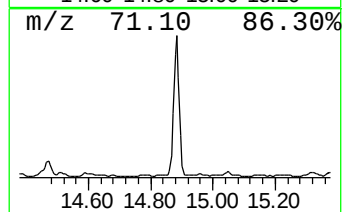
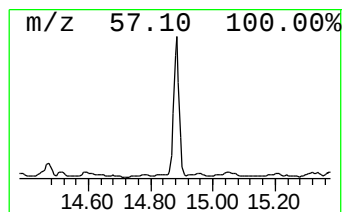
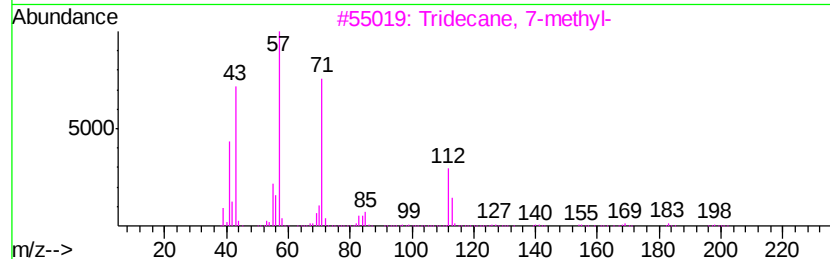
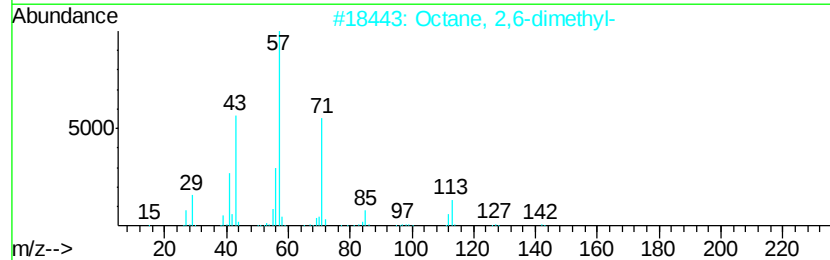
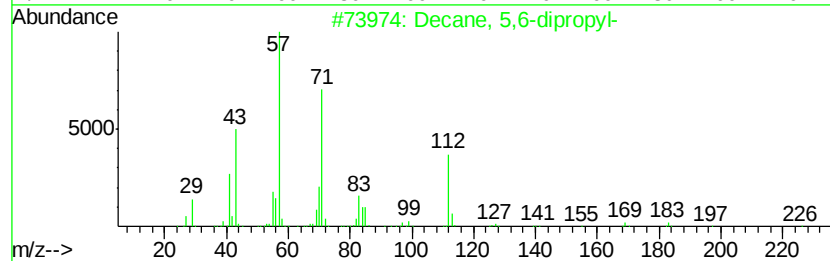
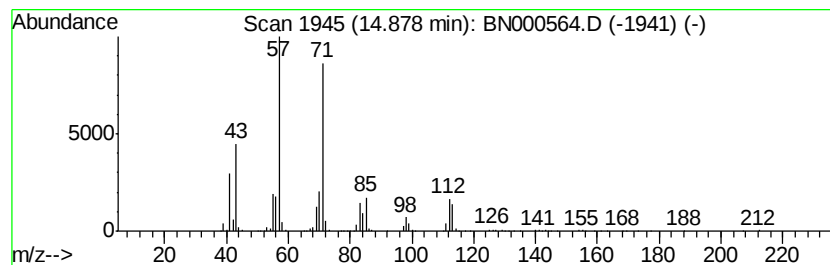
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Quant Title : SVOA CALIBRATION

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

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	18.16 ng/ul	2325360	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	78
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3			Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5			n-Butyric acid 2-ethylhexyl ester	200	C12H24O2	025415-84-3	53



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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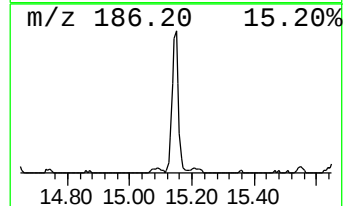
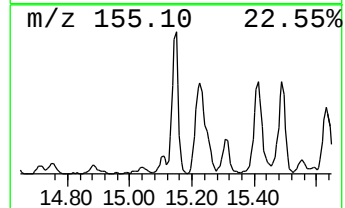
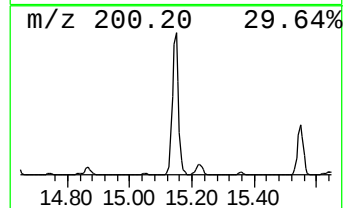
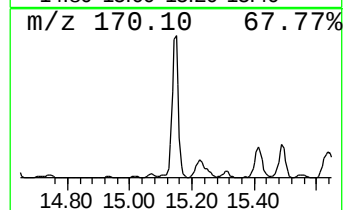
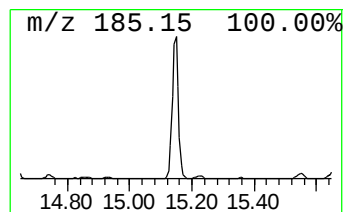
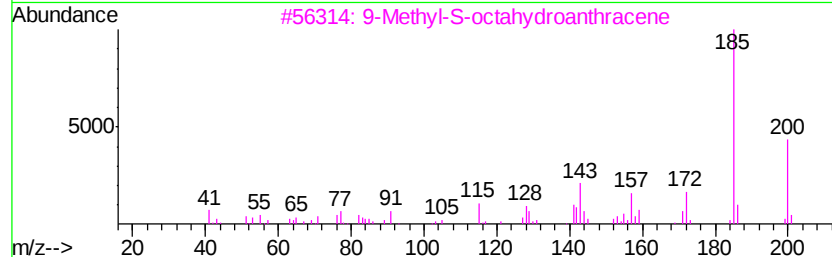
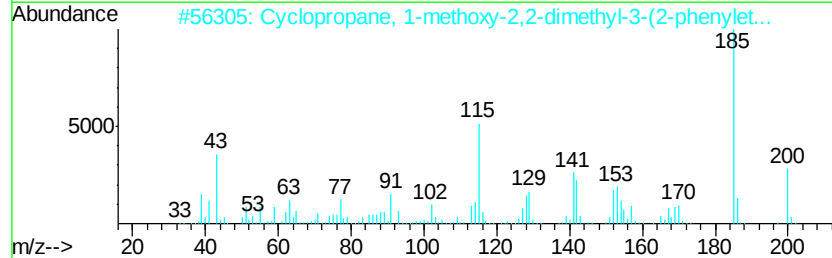
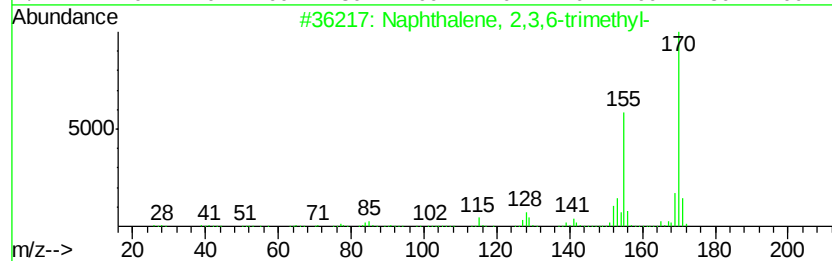
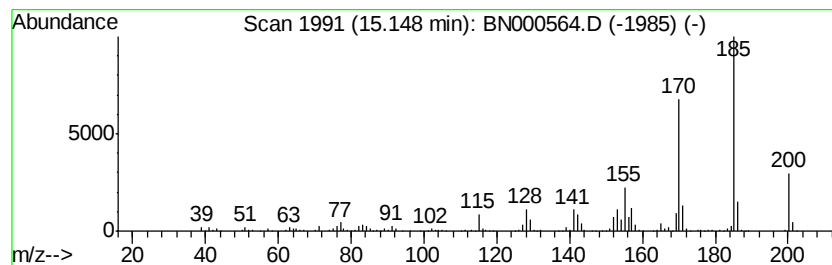
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Quant Title : SVOA CALIBRATION

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

Peak Number 48 Naphthalene, 2,3,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	7.14 ng/ul	914291	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	80
2			Cyclopropane, 1-methoxy-2,2-dime...	200	C14H16O	1000271-83-0	64
3			9-Methyl-S-octahydroanthracene	200	C15H20	004948-51-0	60
4			4'-(1-Pyrrovl)acetophenone	185	C12H11NO	022106-37-2	58
5			1,2,3,4,5,6,7,8-Octahydro-1-meth...	200	C15H20	1000080-19-4	55



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

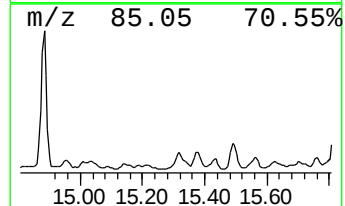
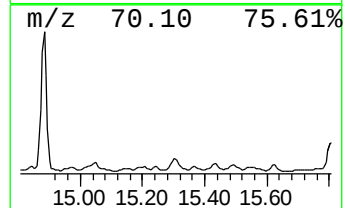
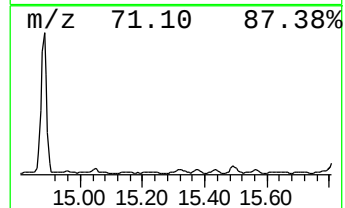
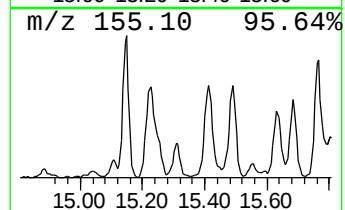
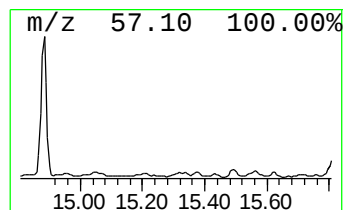
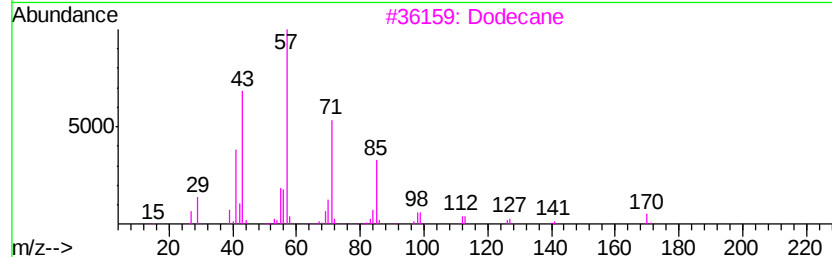
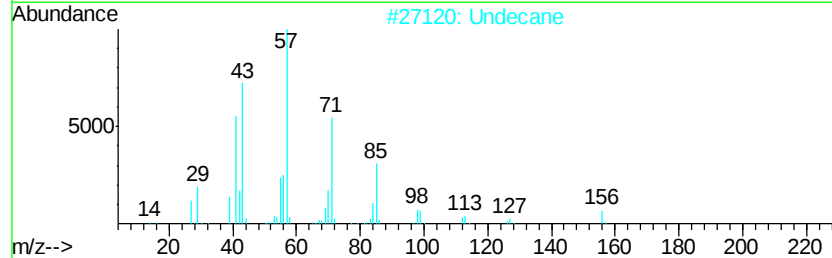
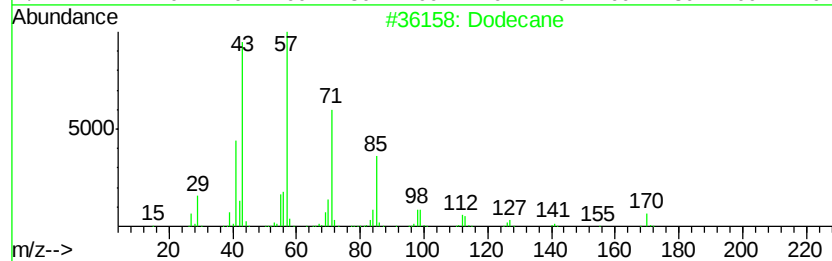
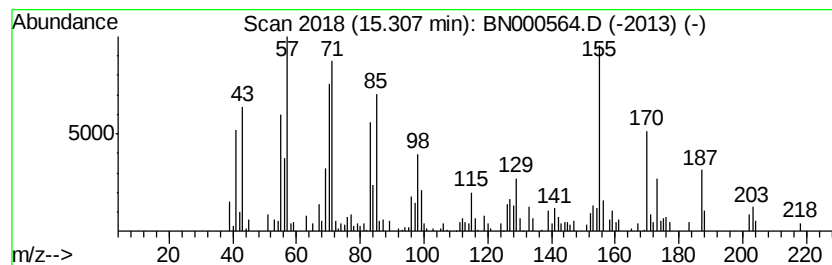
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	2.31 ng/ul	296339	Acenaphthene-d10	15.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane		170 C12H26	000112-40-3 46
2	Undecane		156 C11H24	001120-21-4 46
3	Dodecane		170 C12H26	000112-40-3 41
4	Dodecane		170 C12H26	000112-40-3 41
5	3-(2-Methyl-propenyl)-1H-indene		170 C13H14	1000187-78-5 35



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

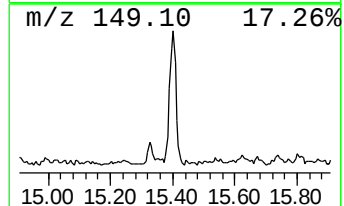
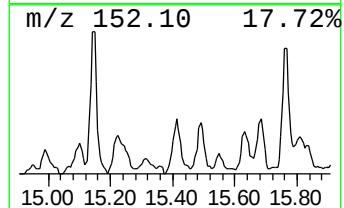
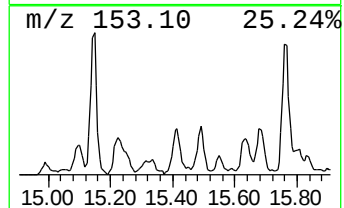
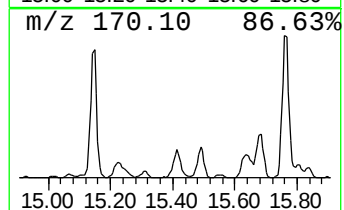
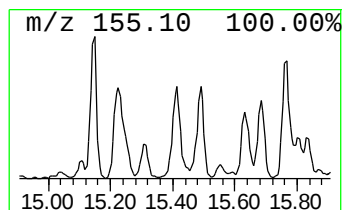
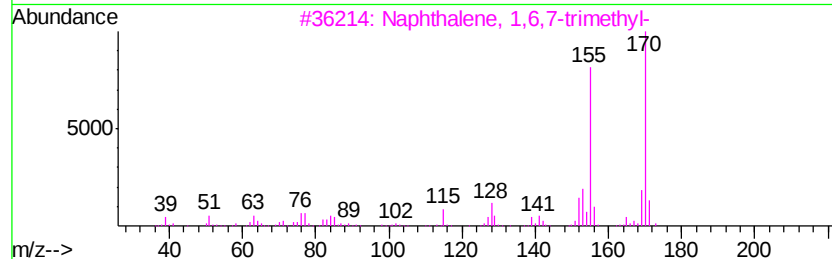
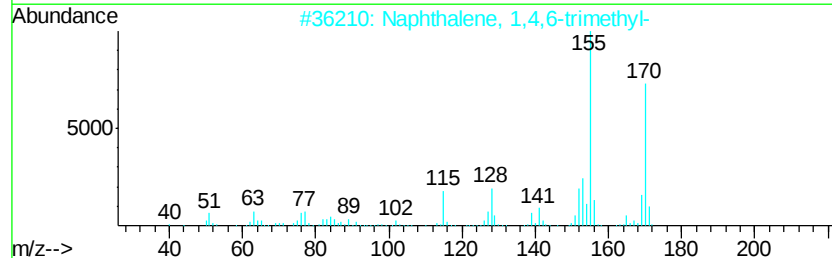
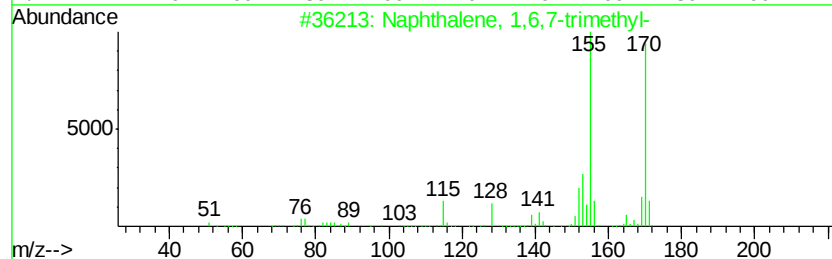
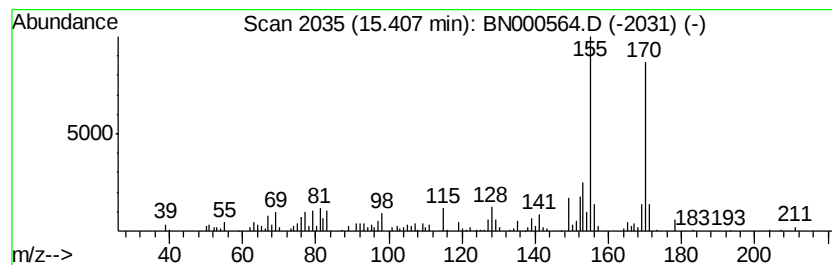
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Quant Title : SVOA CALIBRATION

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

Peak Number 50 Naphthalene, 1,6,7-trimethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	2.88 ng/ul	368882	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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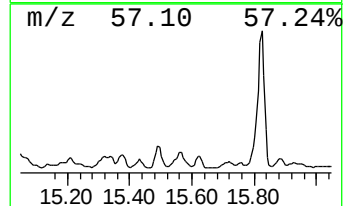
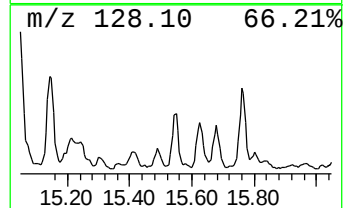
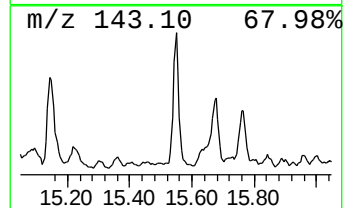
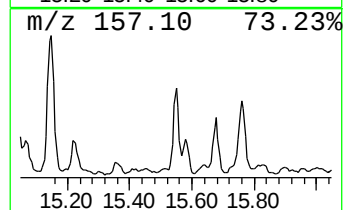
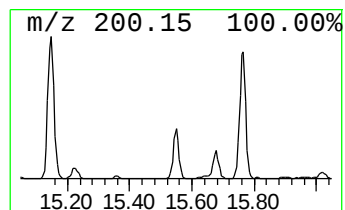
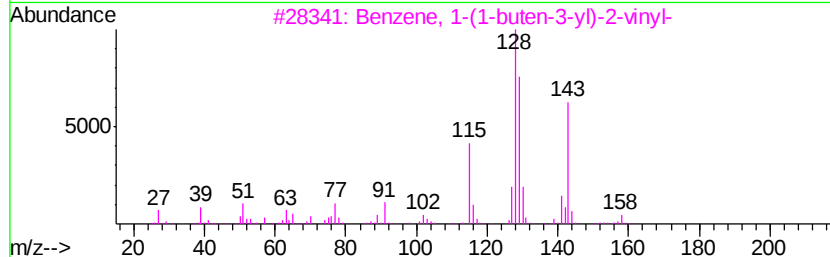
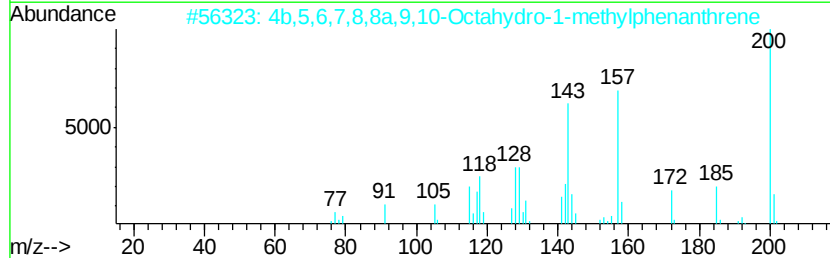
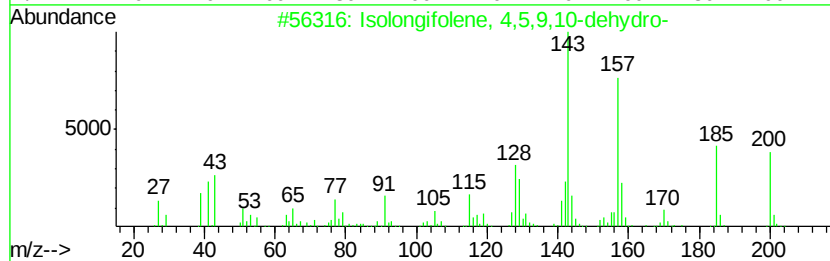
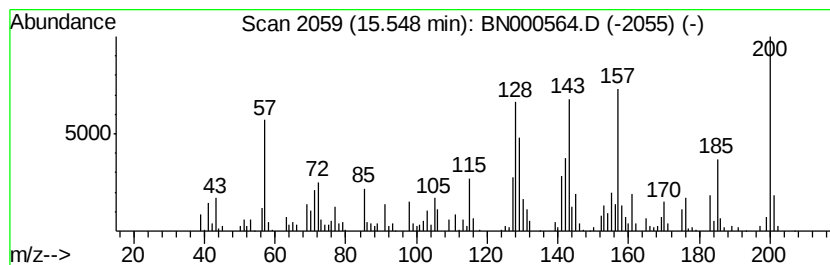
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Quant Title : SVOA CALIBRATION

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

Peak Number 52 Isolongifolene, 4,5,9,10-de... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	3.30 ng/ul	422211	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isolongifolene, 4,5,9,10-dehydro-	200	C15H20	156747-45-4	70
2			4b,5,6,7,8,8a,9,10-Octahydro-1-m...	200	C15H20	1000080-19-3	62
3			Benzene, 1-(1-buten-3-yl)-2-vinyl-	158	C12H14	1000162-74-4	60
4			2H-Benz[elinden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	59
5			3,1-Benzoxazepine-2-carbonitrile...	200	C11H8N2O2	019062-88-5	38



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

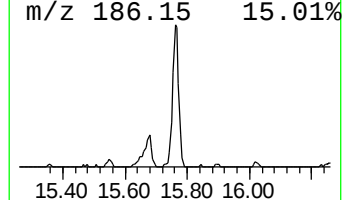
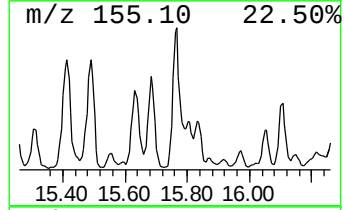
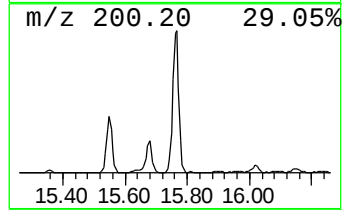
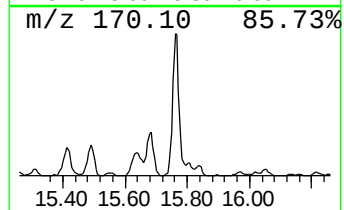
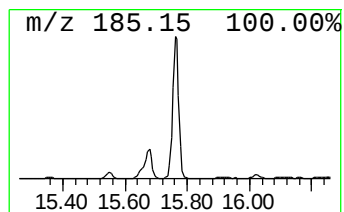
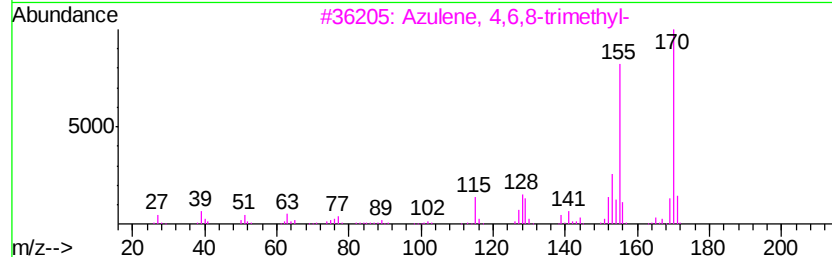
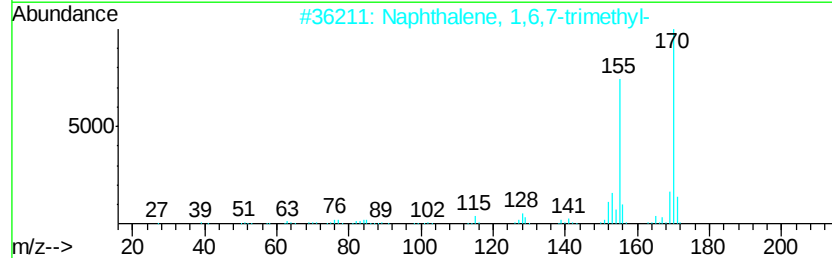
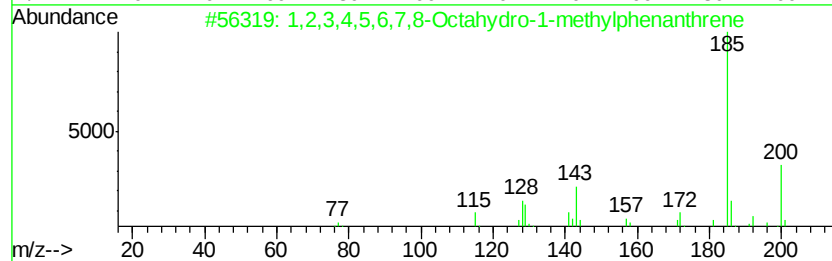
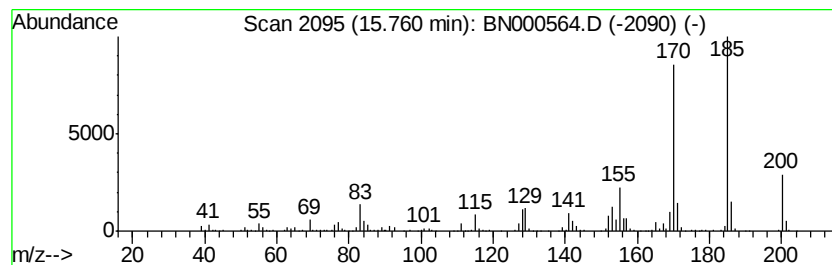
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Quant Title : SVOA CALIBRATION

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

Peak Number 53 1,2,3,4,5,6,7,8-Octahydro-1... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	6.96 ng/ul	890864	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2,3,4,5,6,7,8-Octahydro-1-meth...	200	C15H20	1000080-19-4	50
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	46
3			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	46
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	45
5			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	45



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

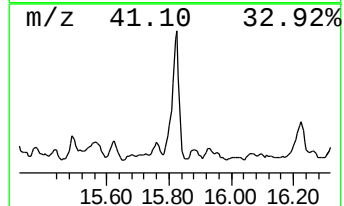
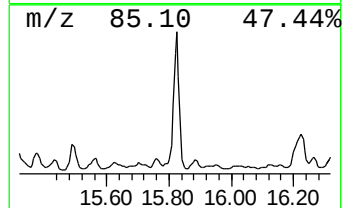
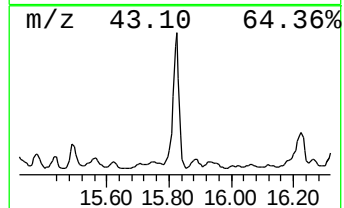
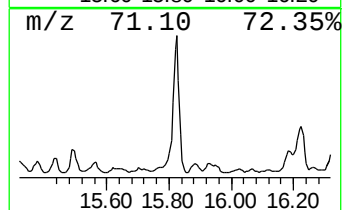
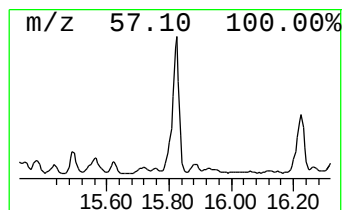
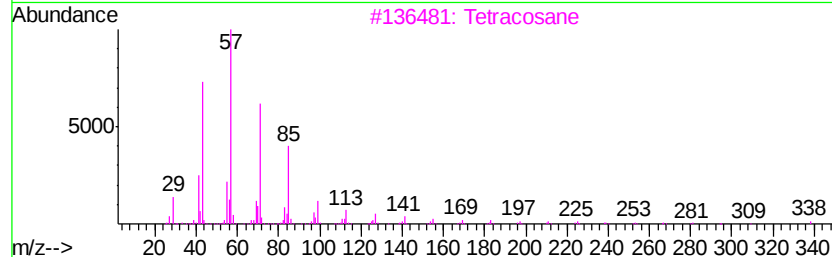
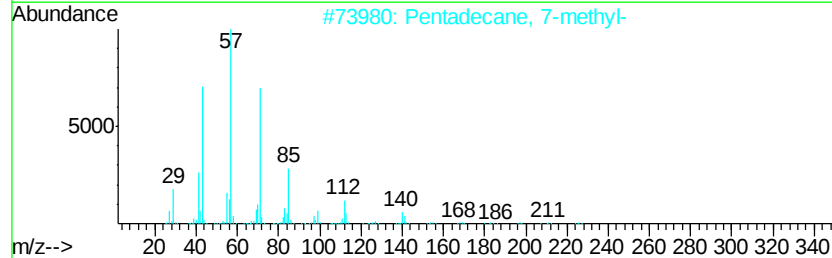
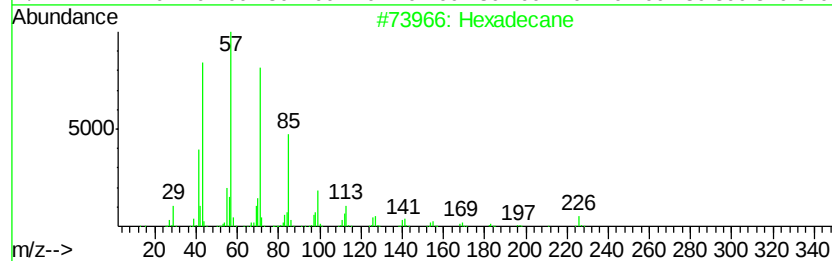
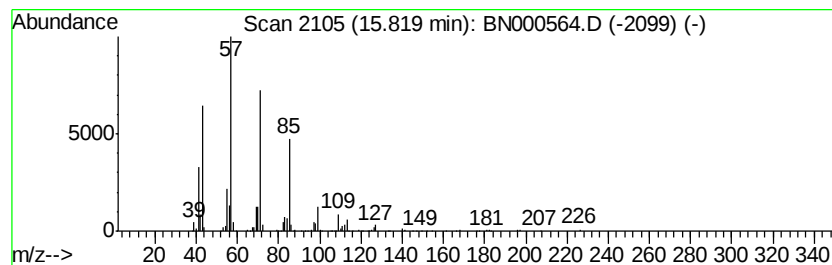
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Quant Title : SVOA CALIBRATION

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

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	9.71 ng/ul	1244120	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
3			Tetracosane	338	C24H50	000646-31-1	90
4			Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

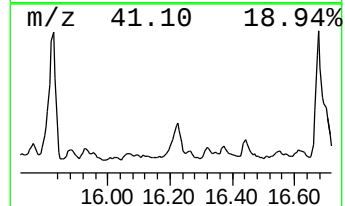
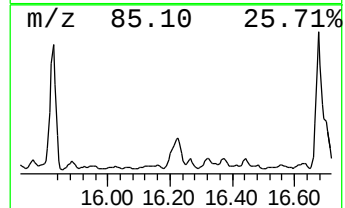
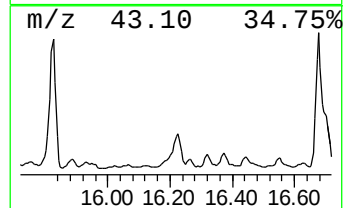
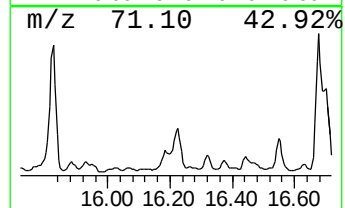
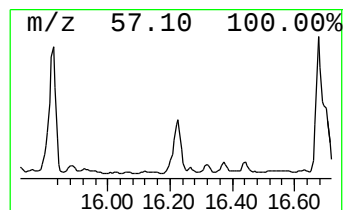
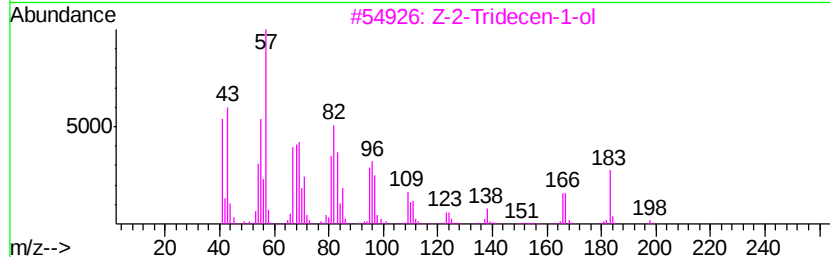
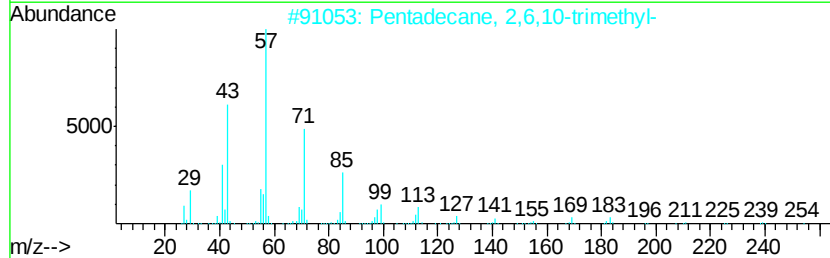
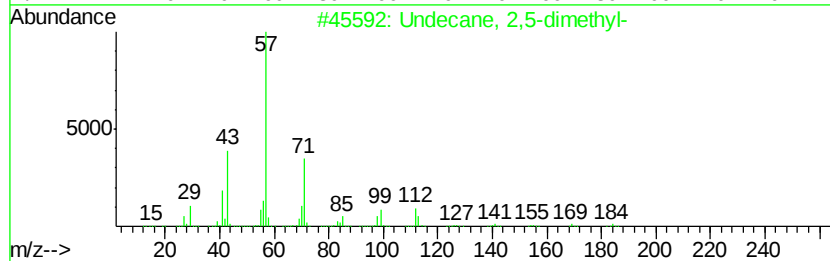
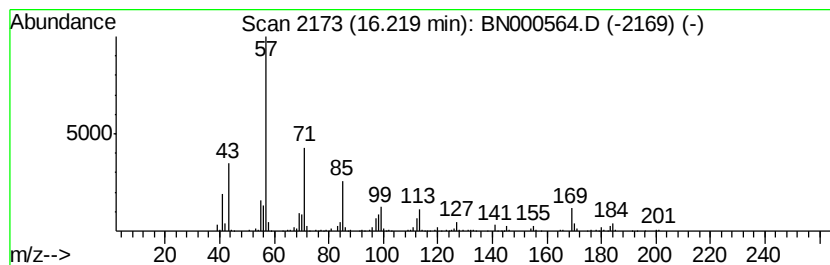
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Quant Title : SVOA CALIBRATION

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

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	2.51 ng/ul	321456	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	81
2			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
3			Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	64
4			Hexadecane, 3-methyl-	240	C17H36	006418-43-5	64
5			2-Bromo dodecane	248	C12H25Br	013187-99-0	64



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

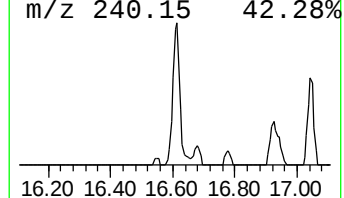
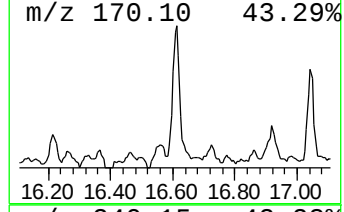
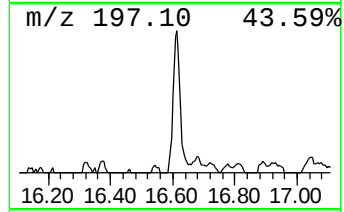
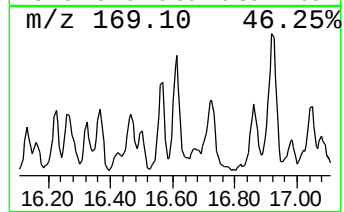
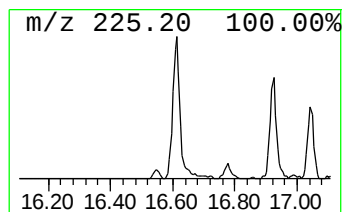
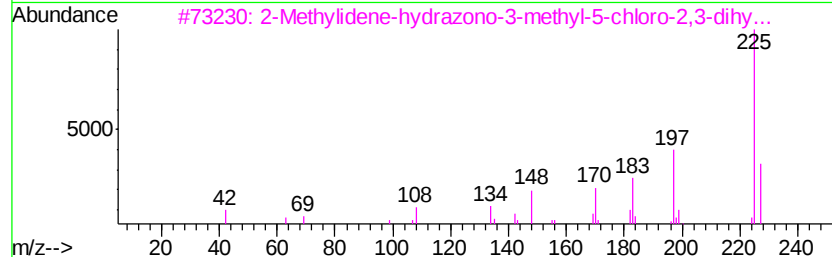
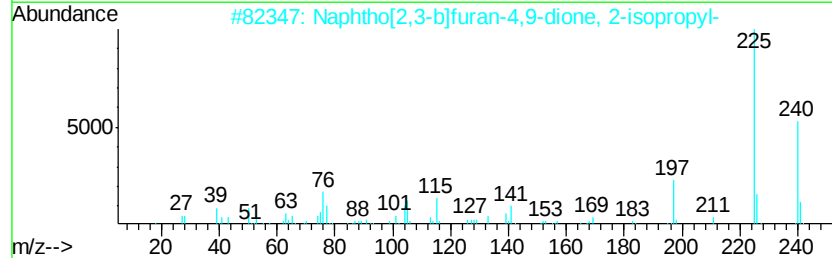
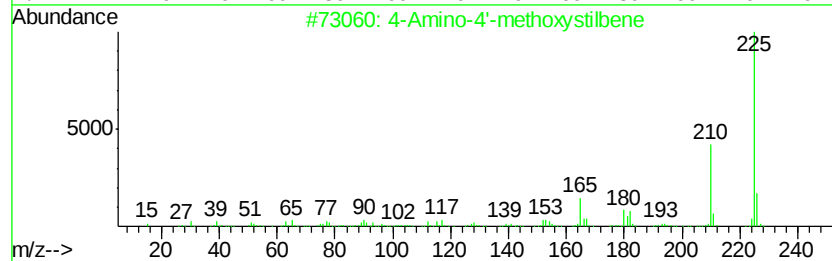
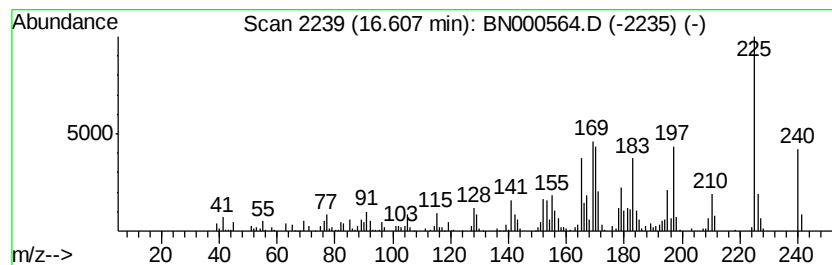
Instrument :
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ClientSampleId :
DAM41DL2

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 56 4-Amino-4'-methoxystilbene Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.61	3.01 ng/ul	374107	Phenanthrene-d10	17.76		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Amino-4'-methoxystilbene	225	C15H15NO	007570-37-8	52
2		Naphtho[2,3-b]furan-4,9-dione, 2...	240	C15H12O3	013019-43-7	49
3		2-Methylidene-hydrazono-3-methyl...	225	C9H8ClN3S	1000147-91-3	43
4		6,7-Dihydro-2-isopropylamino-8-m...	225	C9H15N5O2	1000101-98-2	42
5		Phenol, 4-chloro-2,6-bis(1,1-dim...	240	C14H21ClO	004096-72-4	35



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

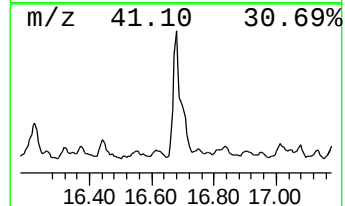
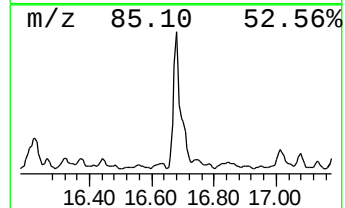
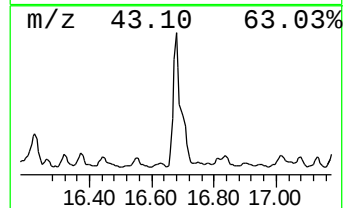
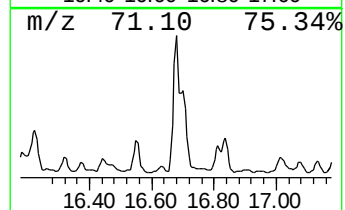
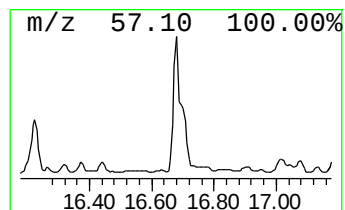
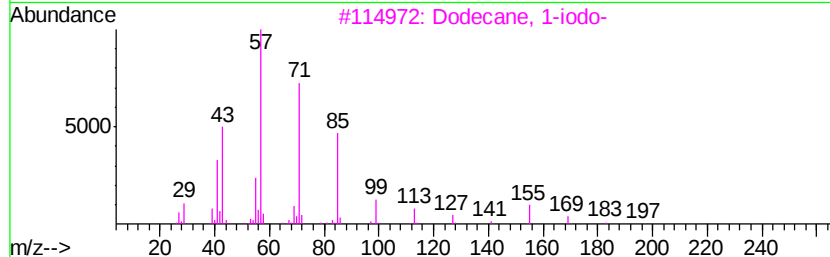
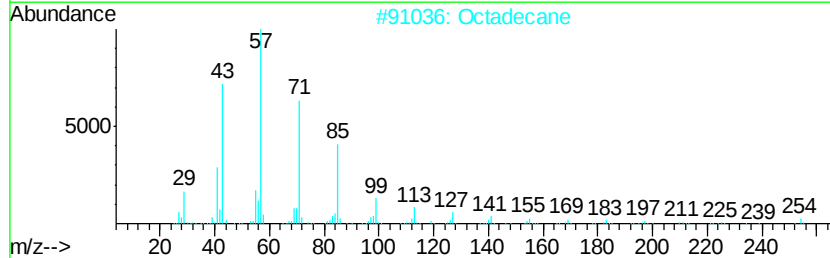
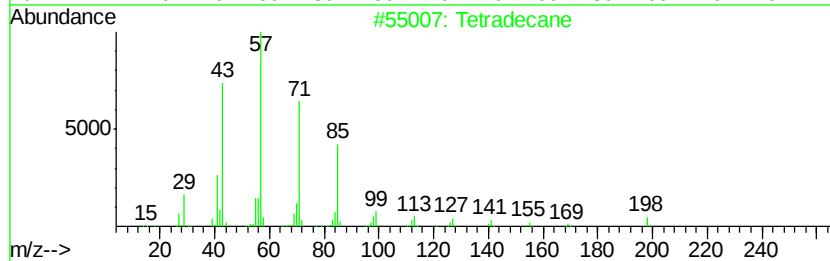
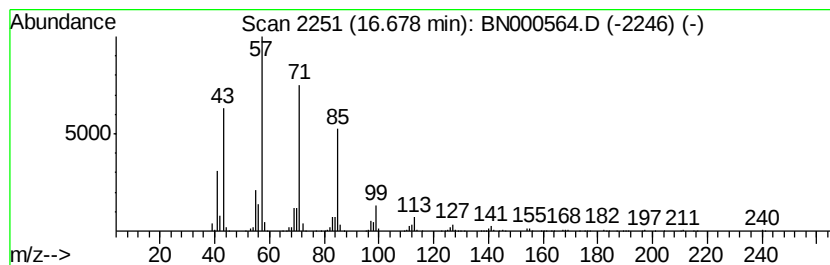
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Quant Title : SVOA CALIBRATION

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

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	8.40 ng/ul	1046110	Phenanthrene-d10	17.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	90
2			Octadecane	254	C18H38	000593-45-3	86
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5			Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

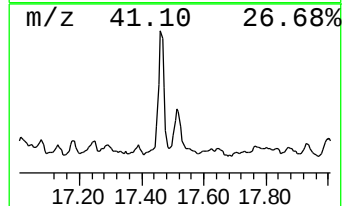
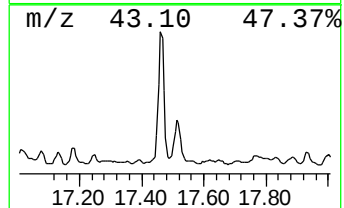
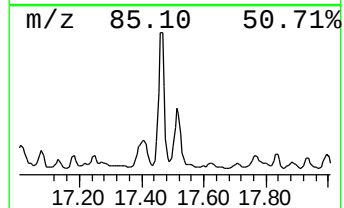
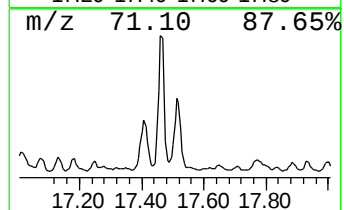
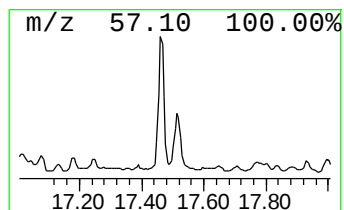
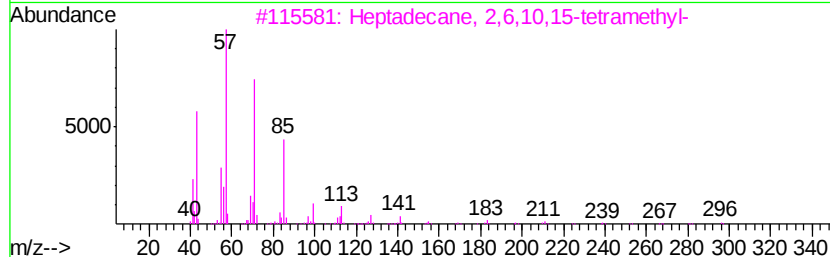
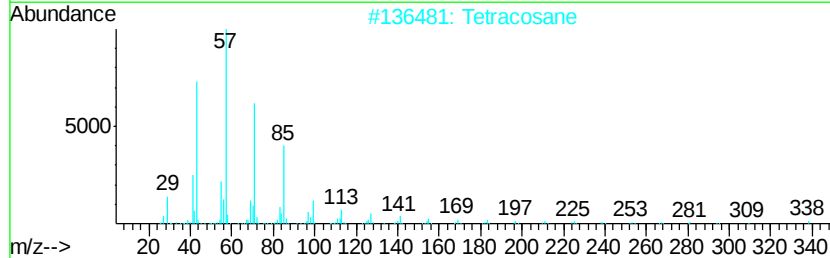
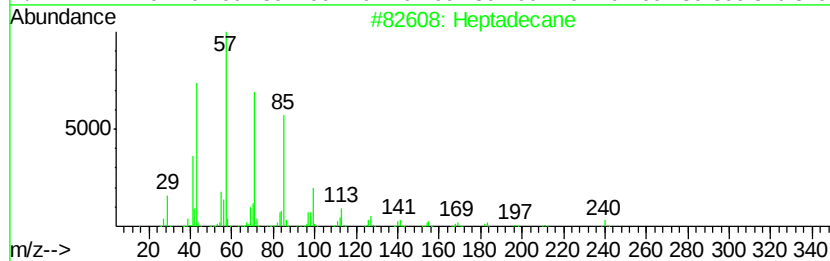
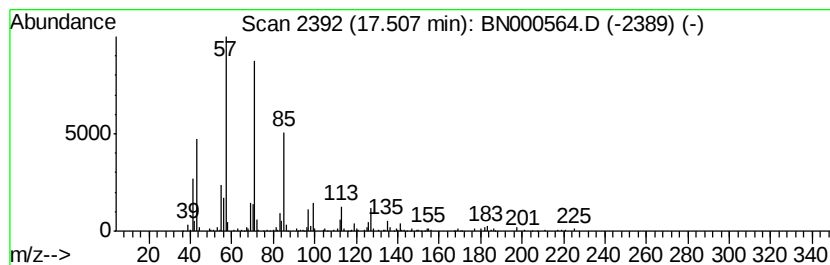
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Quant Title : SVOA CALIBRATION

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

Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	3.59 ng/ul	446432	Phenanthrene-d10	17.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	86
2			Tetracosane	338	C24H50	000646-31-1	86
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	78



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DAM41DL2

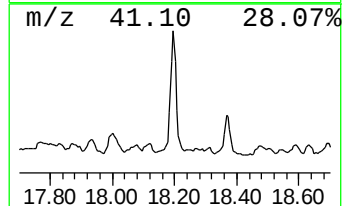
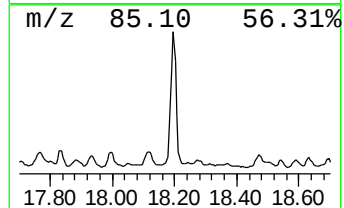
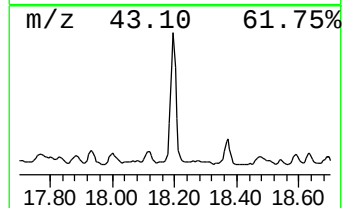
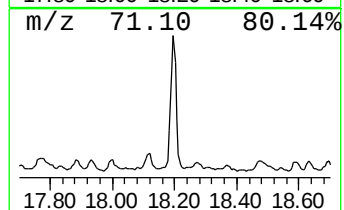
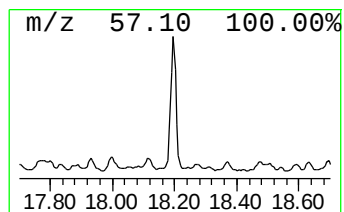
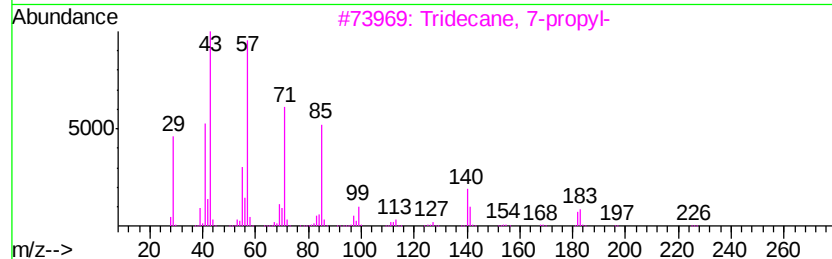
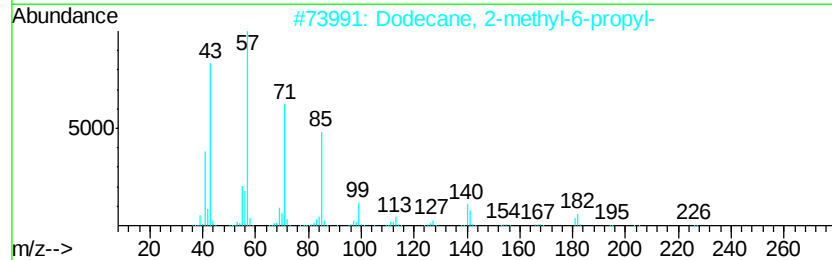
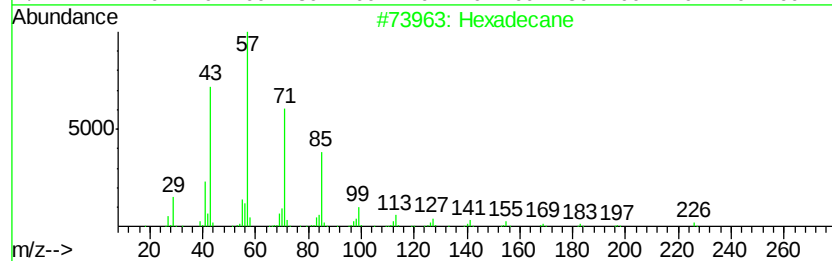
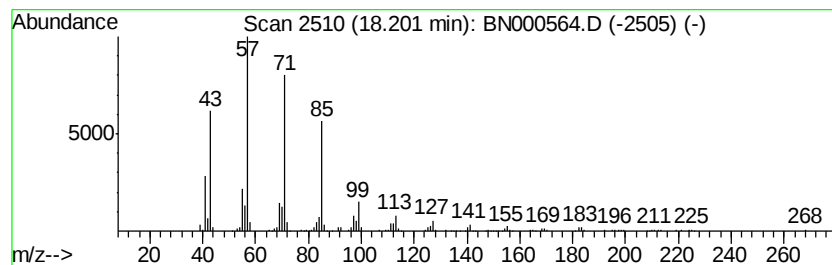
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Quant Title : SVOA CALIBRATION

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

Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	5.96 ng/ul	741481	Phenanthrene-d10	17.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3			Tridecane, 7-propyl-	226	C16H34	055045-09-5	90
4			Nonadecane	268	C19H40	000629-92-5	90
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

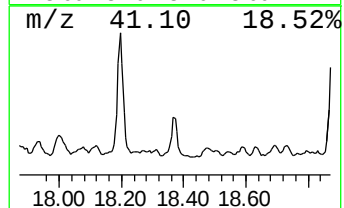
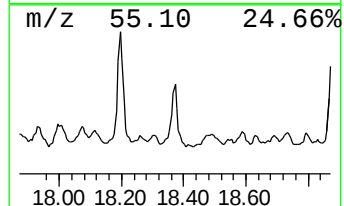
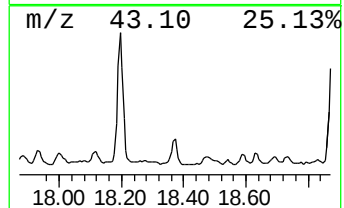
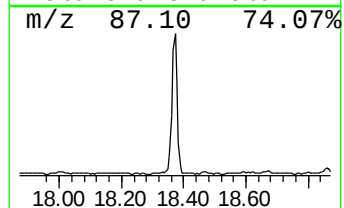
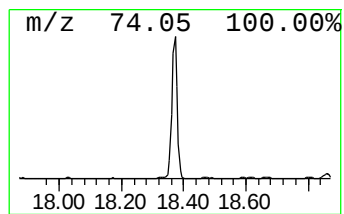
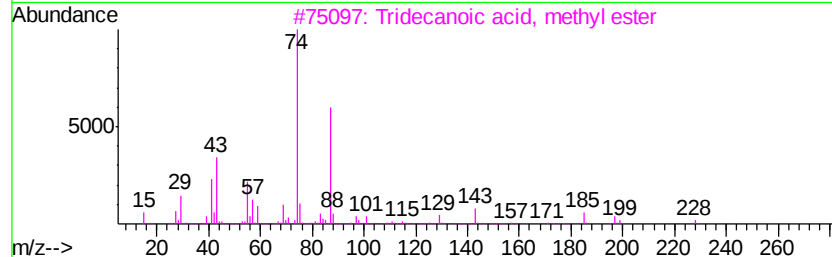
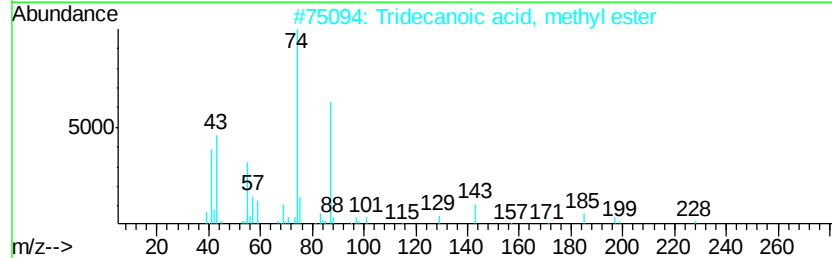
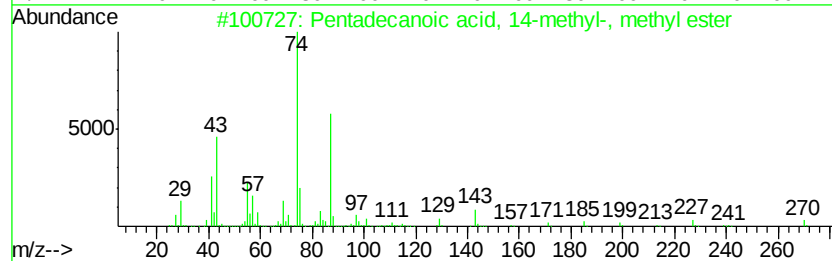
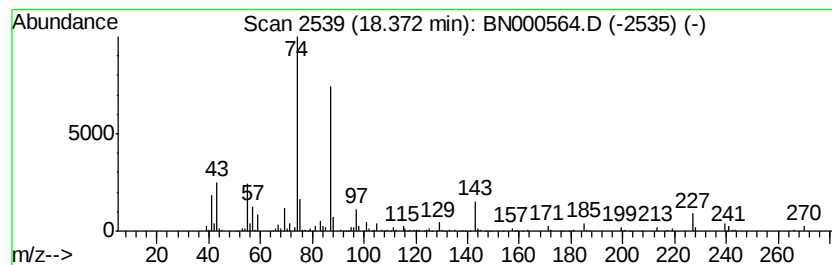
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Quant Title : SVOA CALIBRATION

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

Peak Number 60 Pentadecanoic acid, 14-meth... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	2.56 ng/ul	318329	Phenanthrene-d10	17.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
2			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
3			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	92
4			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
5			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

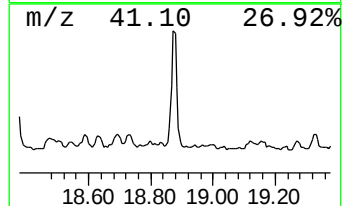
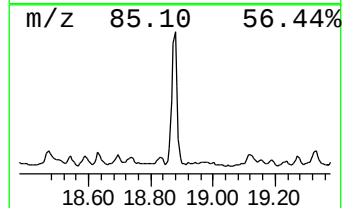
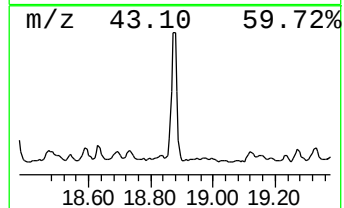
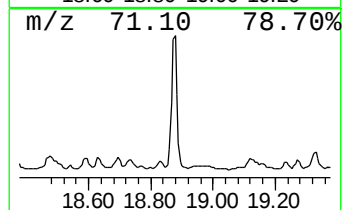
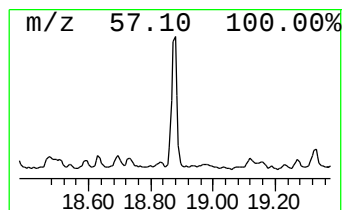
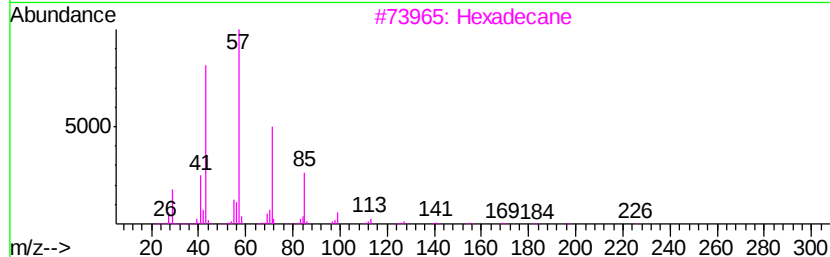
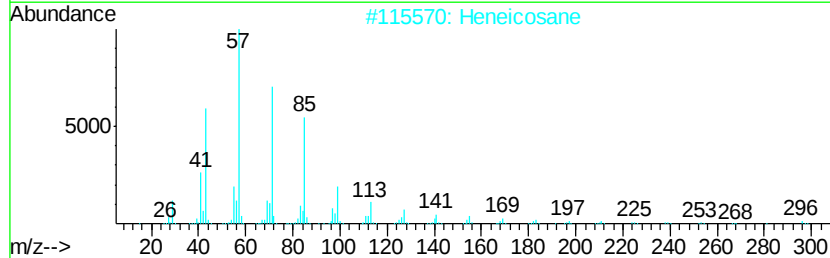
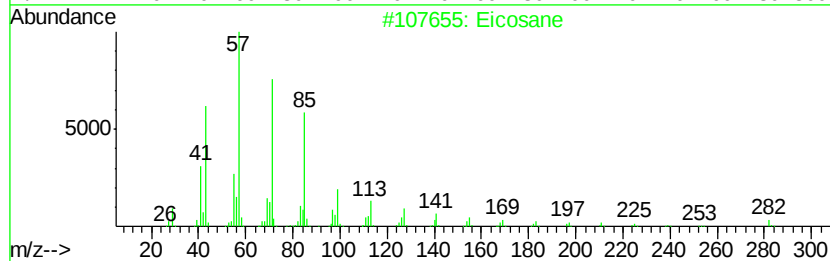
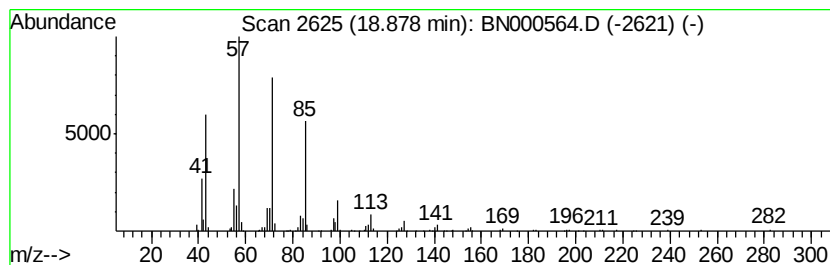
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Quant Title : SVOA CALIBRATION

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

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	3.83 ng/ul	476636	Phenanthrene-d10	17.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	97
2			Heneicosane	296	C21H44	000629-94-7	91
3			Hexadecane	226	C16H34	000544-76-3	90
4			Nonadecane	268	C19H40	000629-92-5	90
5			Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

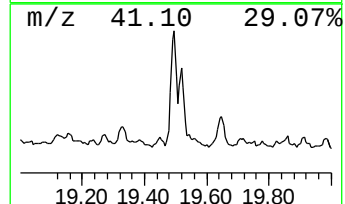
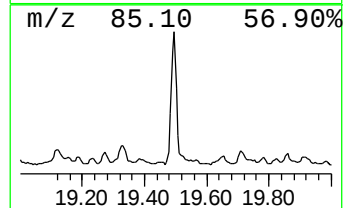
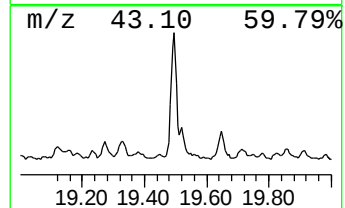
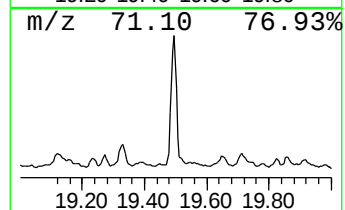
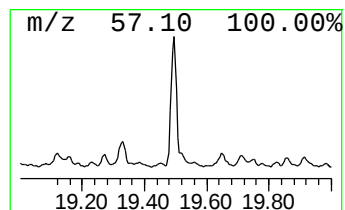
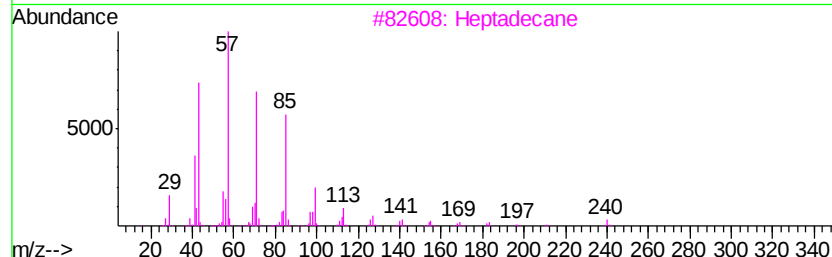
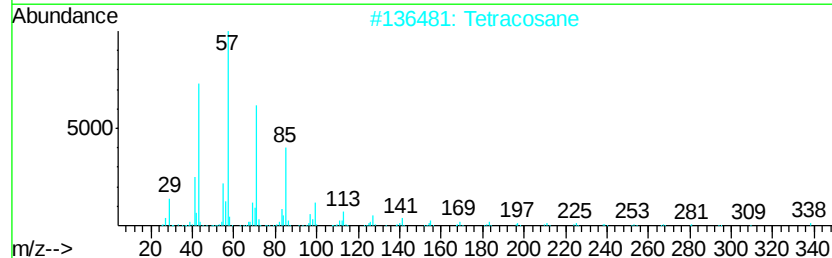
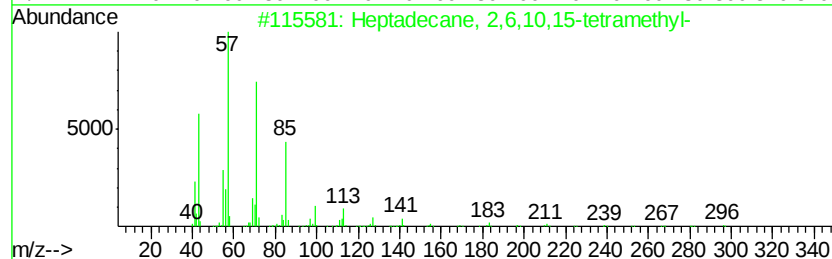
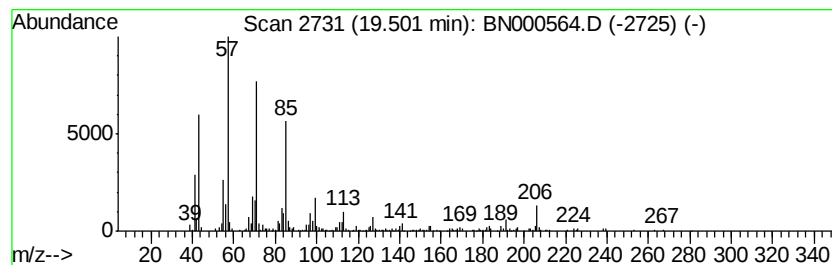
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Quant Title : SVOA CALIBRATION

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

Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	3.74 ng/ul	465869	Phenanthrene-d10	17.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	96
2			Tetracosane	338	C24H50	000646-31-1	91
3			Heptadecane	240	C17H36	000629-78-7	91
4			Eicosane	282	C20H42	000112-95-8	91
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

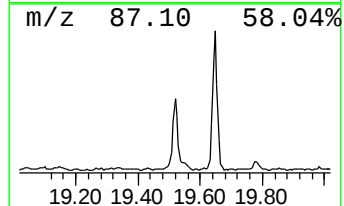
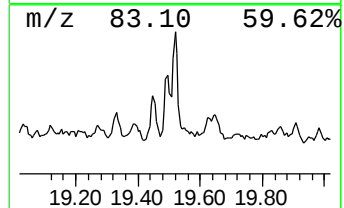
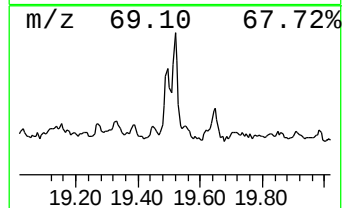
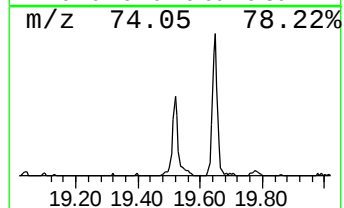
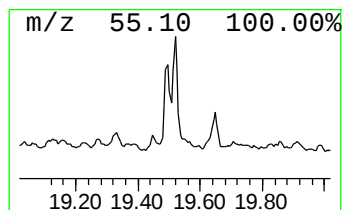
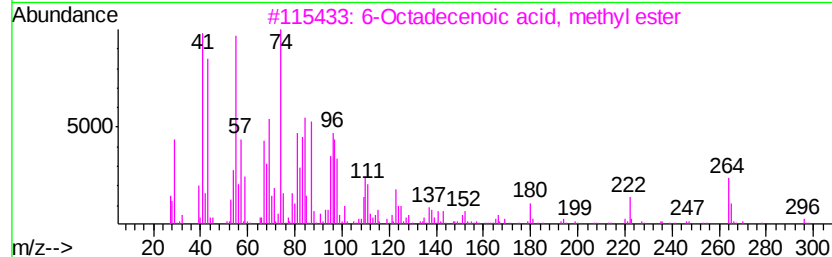
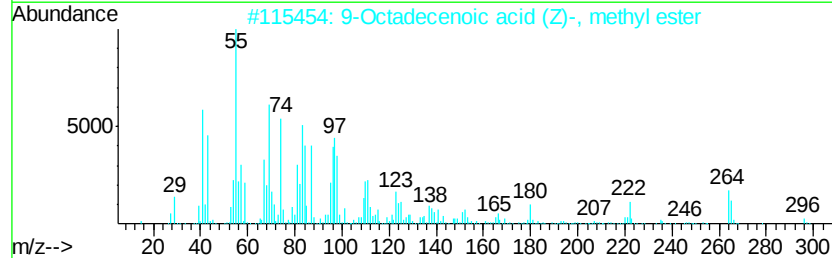
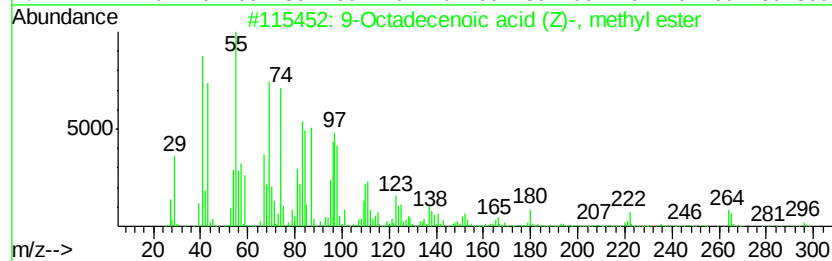
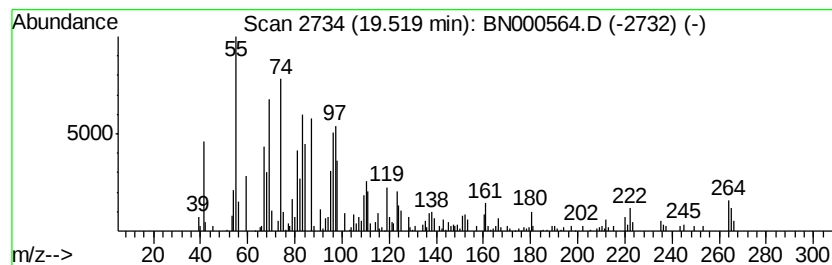
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Quant Title : SVOA CALIBRATION

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

Peak Number 63 9-Octadecenoic acid (Z)-, m... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.52	2.37 ng/ul	294925	Phenanthrene-d10	17.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
2		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
3		6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	90
4		Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	81
5		7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	76



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

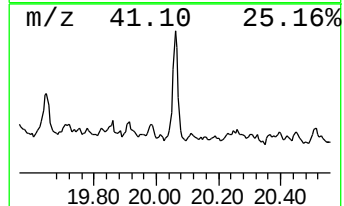
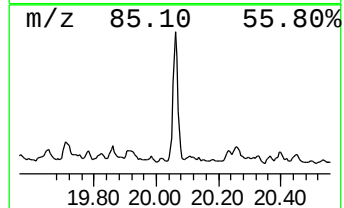
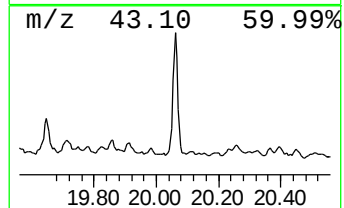
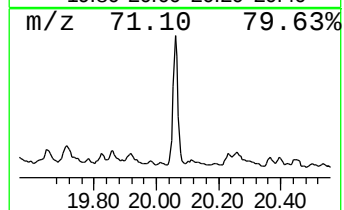
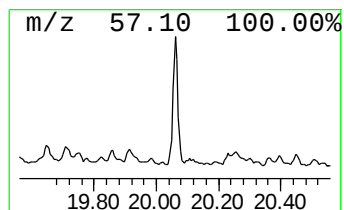
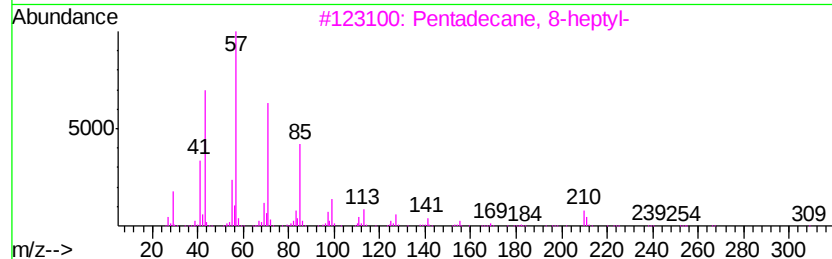
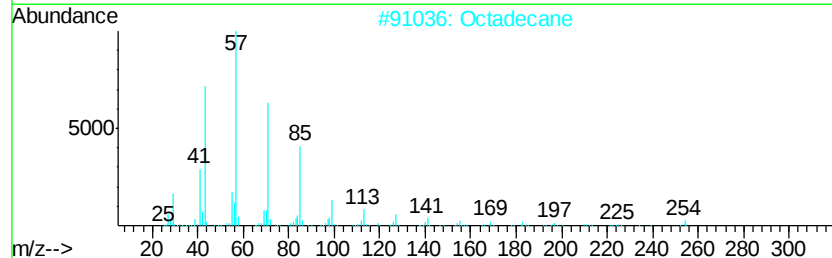
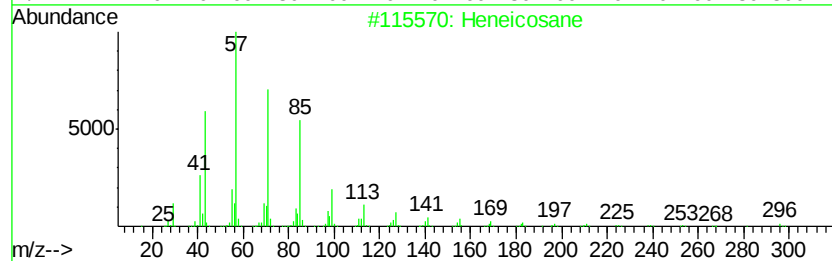
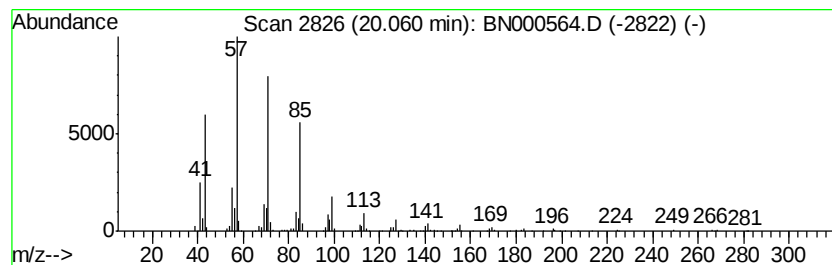
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Quant Title : SVOA CALIBRATION

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

Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	2.20 ng/ul	271566	Chrysene-d12	21.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Octadecane	254	C18H38	000593-45-3	91
3			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4			Heptadecane	240	C17H36	000629-78-7	91
5			Nonadecane	268	C19H40	000629-92-5	90



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

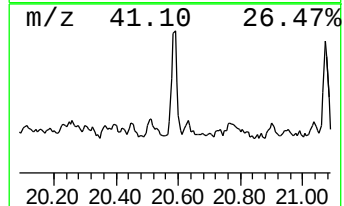
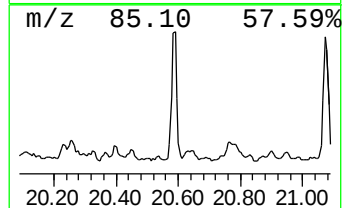
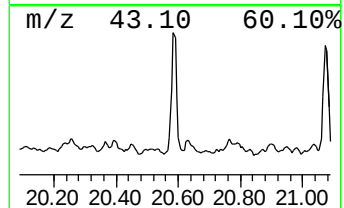
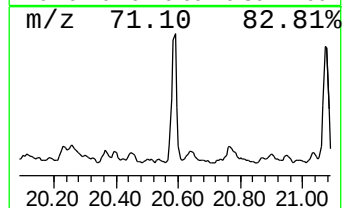
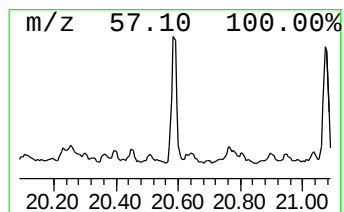
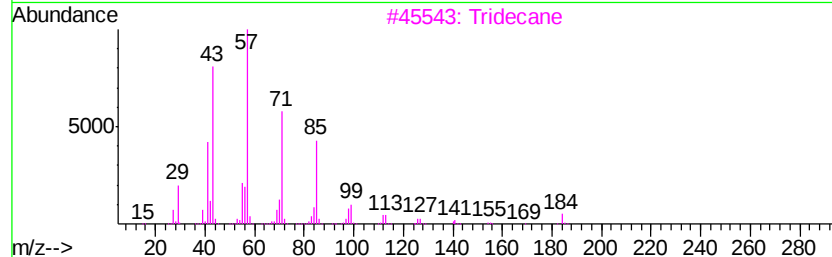
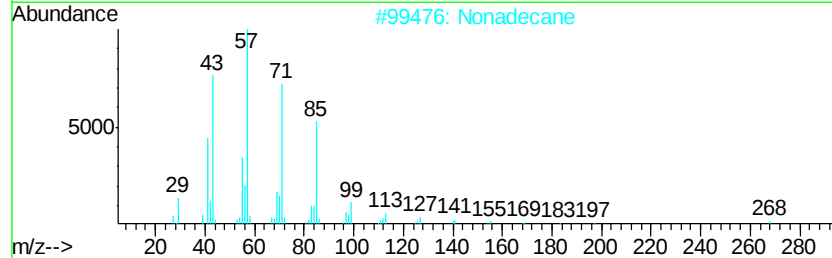
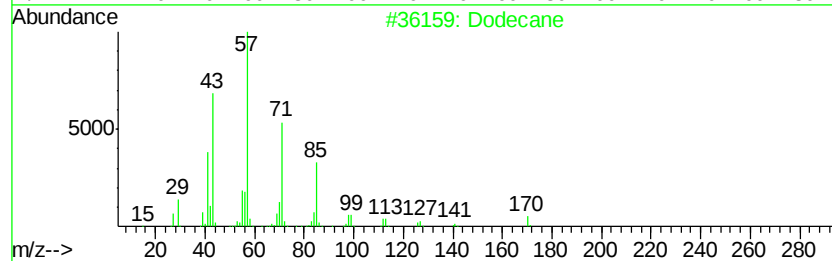
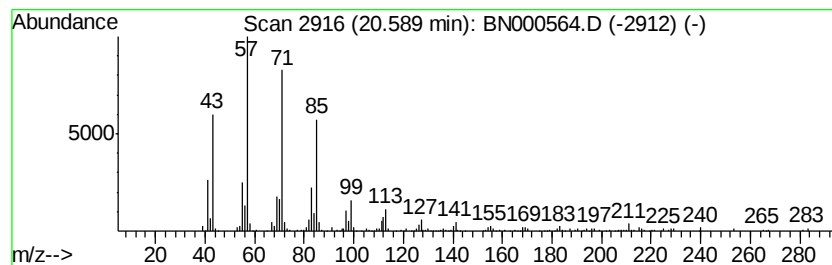
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Quant Title : SVOA CALIBRATION

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

Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	2.19 ng/ul	271366	Chrysene-d12	21.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	90
2			Nonadecane	268	C19H40	000629-92-5	87
3			Tridecane	184	C13H28	000629-50-5	81
4			Nonadecane	268	C19H40	000629-92-5	80
5			Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

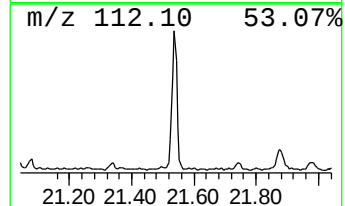
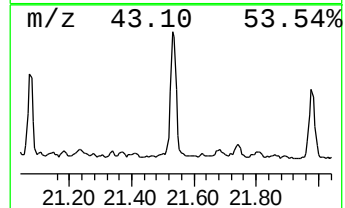
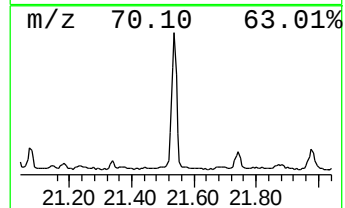
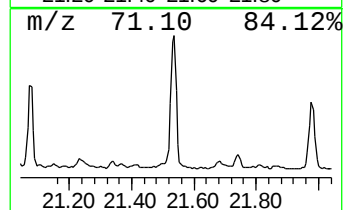
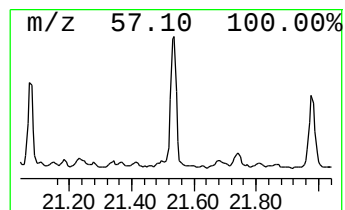
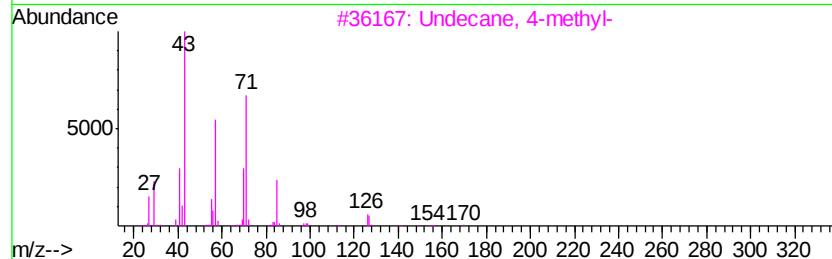
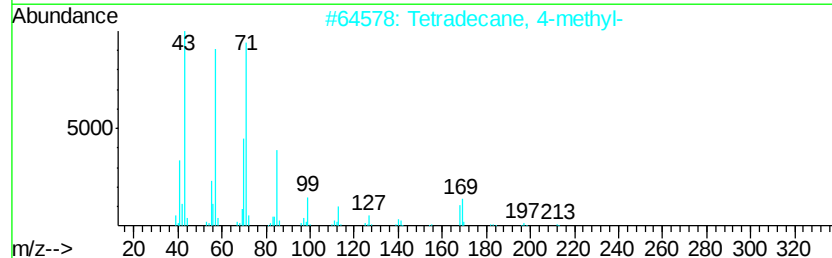
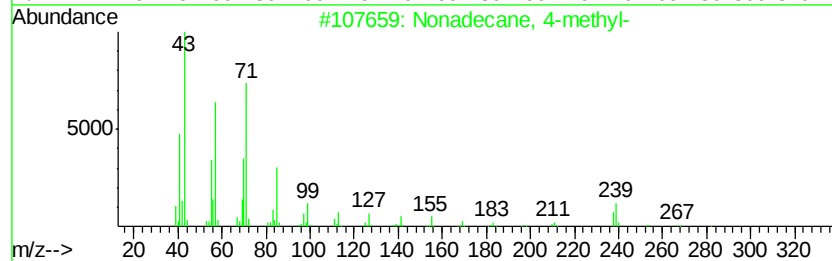
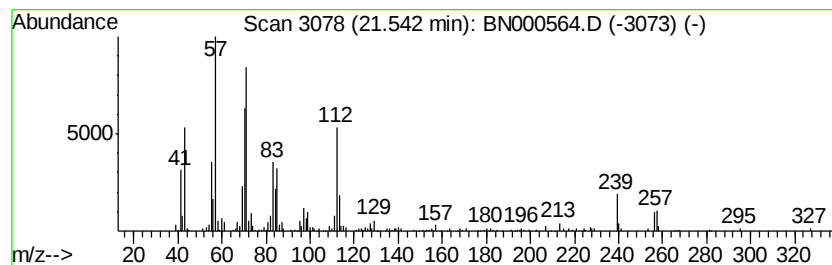
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Quant Title : SVOA CALIBRATION

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

Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	3.76 ng/ul	465347	Chrysene-d12	21.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane, 4-methyl-	282	C20H42	025117-27-5	52
2			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	47
3			Undecane, 4-methyl-	170	C12H26	002980-69-0	47
4			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	47
5			Undecane, 4-methyl-	170	C12H26	002980-69-0	43



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

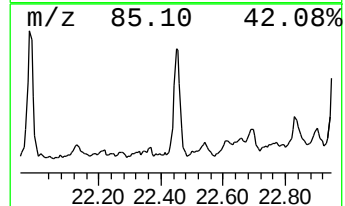
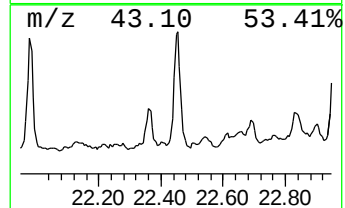
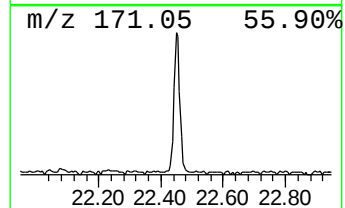
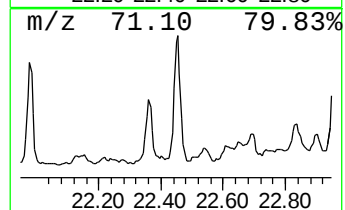
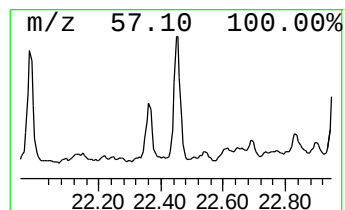
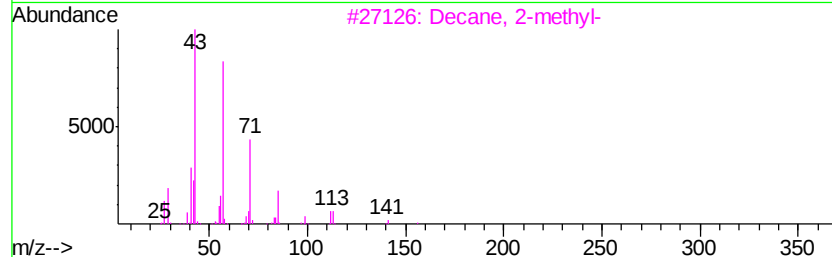
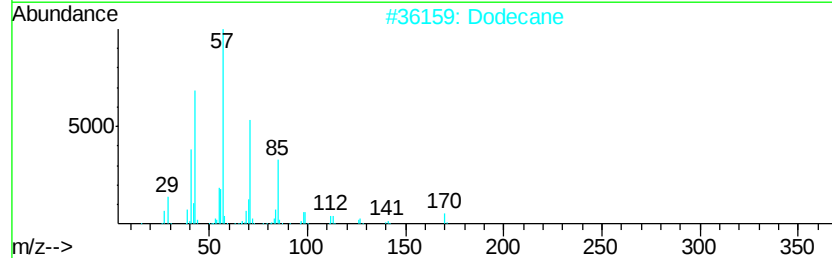
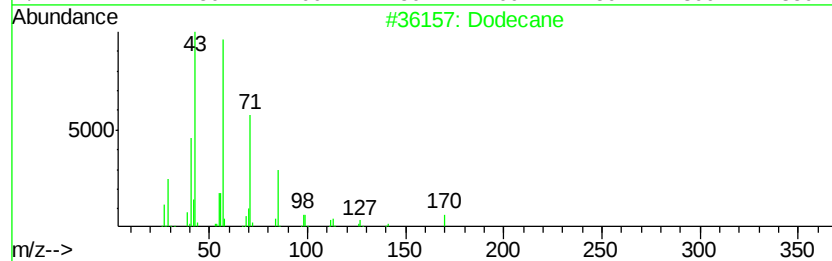
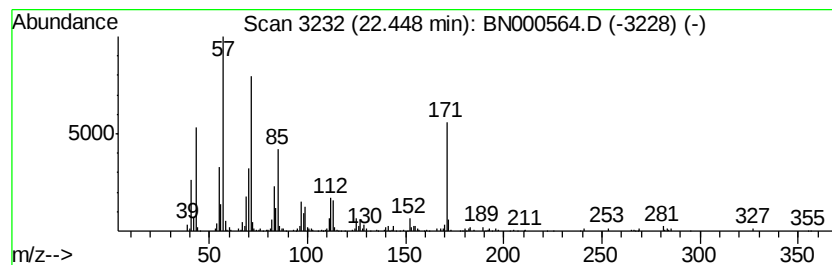
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Quant Title : SVOA CALIBRATION

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

Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	2.87 ng/ul	355259	Chrysene-d12	21.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	64
2			Dodecane	170	C12H26	000112-40-3	64
3			Decane, 2-methyl-	156	C11H24	006975-98-0	62
4			Tritetracontane	605	C43H88	007098-21-7	62
5			Decane, 2-methyl-	156	C11H24	006975-98-0	62



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
DAM41DL2

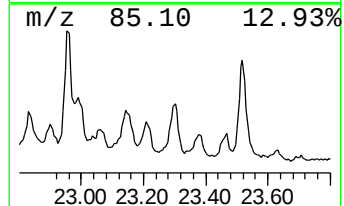
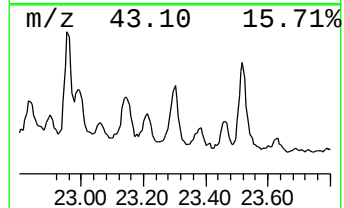
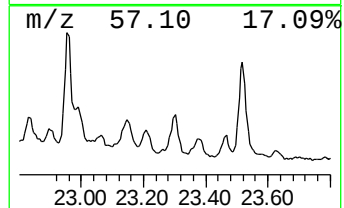
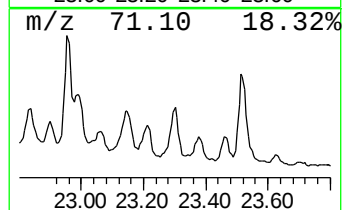
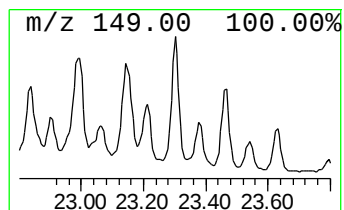
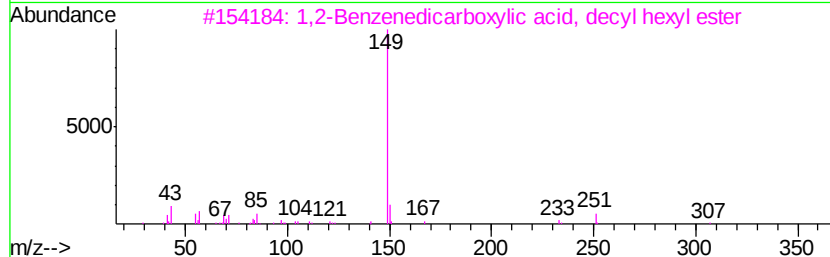
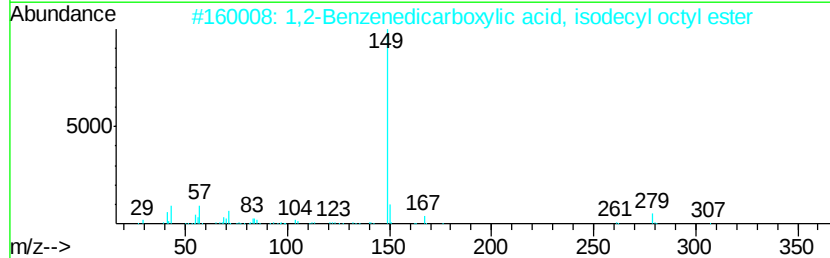
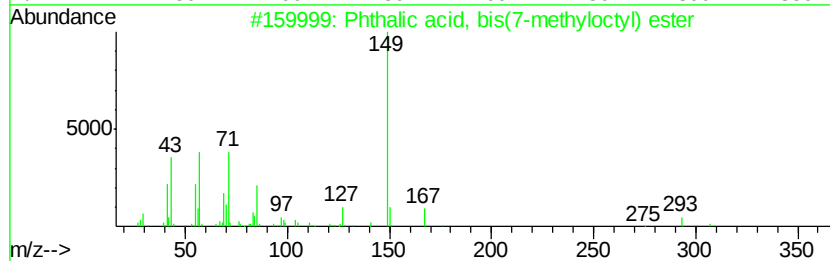
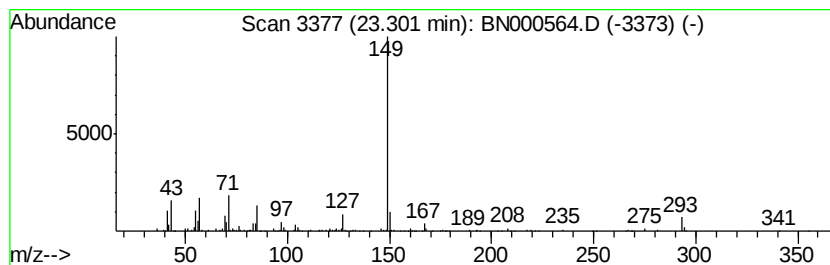
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 68 Phthalic acid, bis(7-methyl... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.30	2.34 ng/ul	204503	Perylene-d12	24.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, bis(7-methyloctyl...	418	C26H42O4	020548-62-3	64
2		1,2-Benzenedicarboxylic acid, is...	418	C26H42O4	001330-96-7	64
3		1,2-Benzenedicarboxylic acid, de...	390	C24H38O4	025724-58-7	59
4		1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-19-0	59
5		Phthalic acid, heptyl octyl ester	376	C23H36O4	088216-58-4	45



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

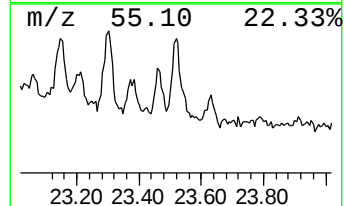
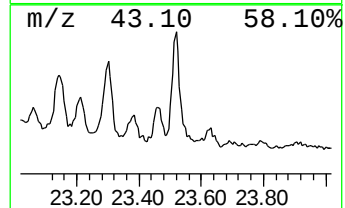
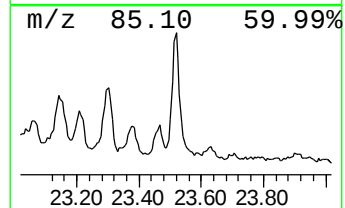
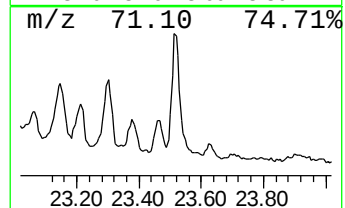
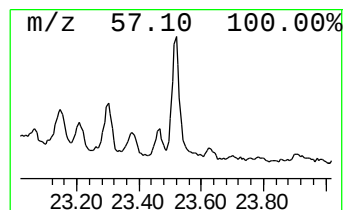
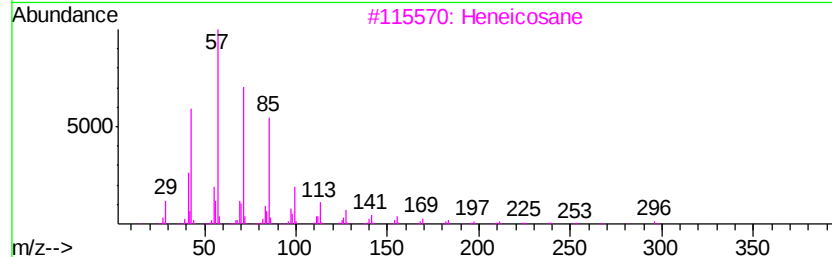
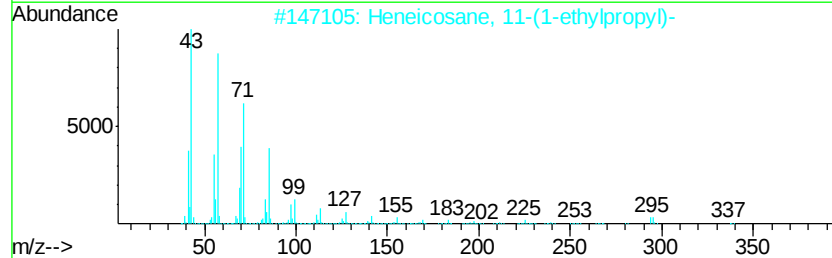
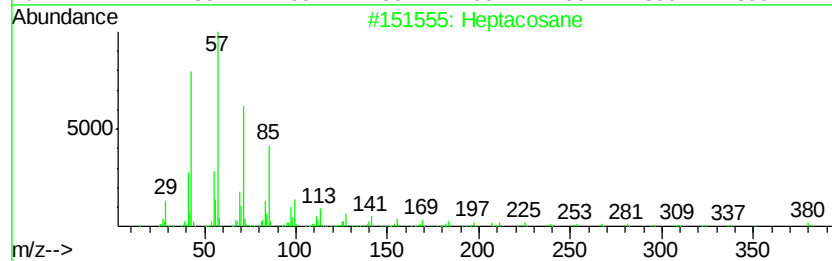
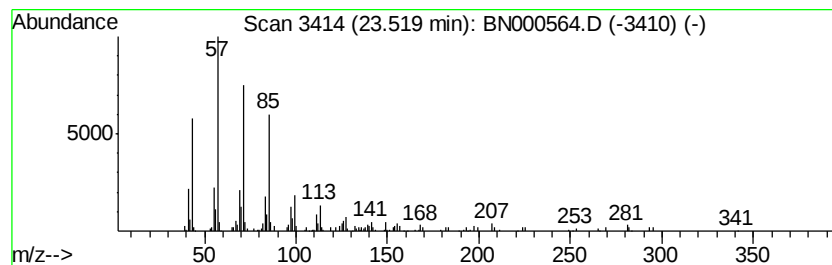
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Quant Title : SVOA CALIBRATION

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

Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.52	2.41 ng/ul	210683	Perylene-d12	24.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Tetracosane	338	C24H50	000646-31-1	90
5			Pentacosane	352	C25H52	000629-99-2	90



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000564.D
Acq On : 23 Mar 2018 05:02
Operator : JU/SJ
Sample : J1905-06DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL2

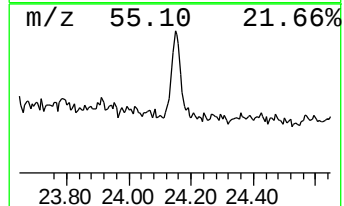
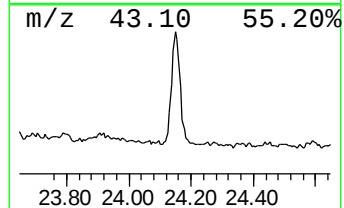
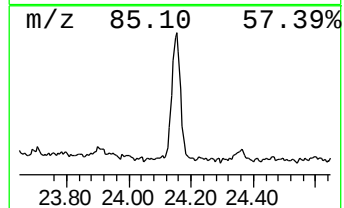
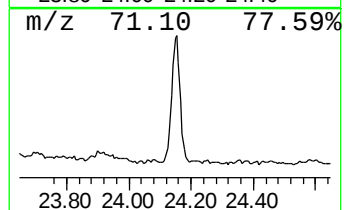
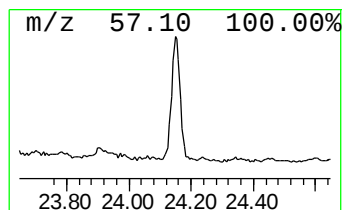
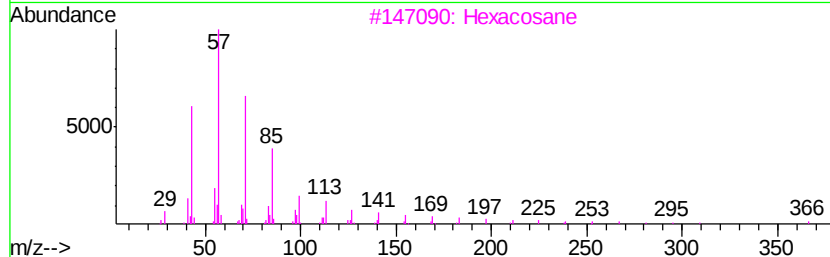
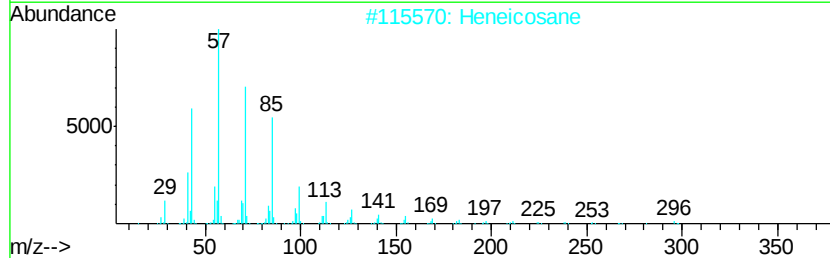
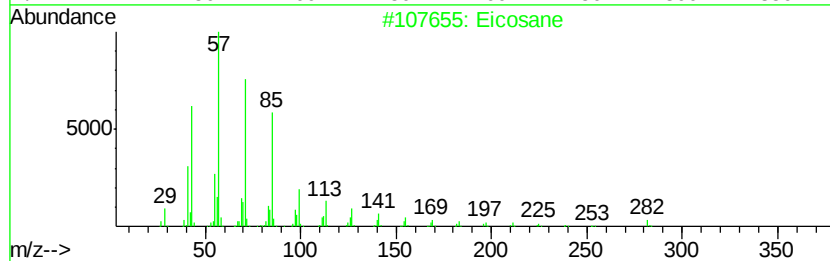
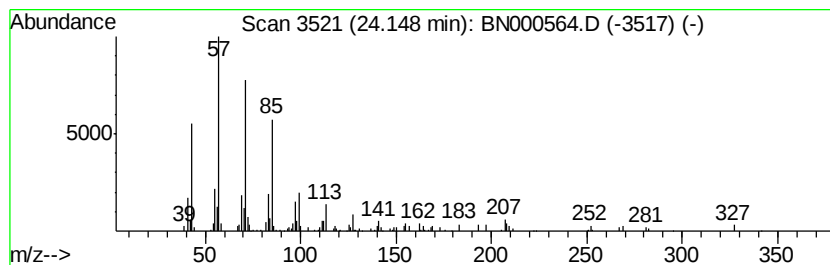
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.15	2.13 ng/ul	185920	Perylene-d12	24.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	91
2			Heneicosane	296	C21H44	000629-94-7	90
3			Hexacosane	366	C26H54	000630-01-3	90
4			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
5			triacontane	422	C30H62	000638-68-6	87



Data Path : Z:\HPCHEM1\BNA_N\Data\BN032218\
 Data File : BN000564.D
 Acq On : 23 Mar 2018 05:02
 Operator : JU/SJ
 Sample : J1905-06DL2 50X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM41DL2

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
(DEL) Alkane: Str...	6.35	6.2	ng/ul	357177	1	8.41	1150680	20.0
(DEL) Alkane: Cyc...	7.00	3.6	ng/ul	204681	1	8.41	1150680	20.0
(DEL) Alkane: Str...	7.35	3.8	ng/ul	216072	1	8.41	1150680	20.0
(DEL) Alkane: Str...	7.41	3.8	ng/ul	219076	1	8.41	1150680	20.0
Benzene, 1-ethyl-...	7.47	3.6	ng/ul	205070	1	8.41	1150680	20.0
(DEL) Alkane: Bra...	7.53	7.0	ng/ul	399705	1	8.41	1150680	20.0
(DEL) Alkane: Str...	8.00	21.4	ng/ul	1233170	1	8.41	1150680	20.0
Benzene, 1,2,4-tr...	8.04	5.7	ng/ul	327050	1	8.41	1150680	20.0
(DEL) Alkane: Str...	8.36	4.2	ng/ul	241290	1	8.41	1150680	20.0
Benzene, 1,3,5-tr...	8.53	4.3	ng/ul	244714	1	8.41	1150680	20.0
(DEL) Alkane: Str...	8.92	5.1	ng/ul	293005	1	8.41	1150680	20.0
(DEL) Alkane: Str...	8.98	8.0	ng/ul	460930	1	8.41	1150680	20.0
Benzene, 1,3-diet...	9.05	12.8	ng/ul	733871	1	8.41	1150680	20.0
(DEL) Alkane: Str...	9.16	5.8	ng/ul	334856	1	8.41	1150680	20.0
Benzene, 2-ethyl-...	9.37	3.4	ng/ul	197190	1	8.41	1150680	20.0
Benzene, 1-methyl...	9.42	3.7	ng/ul	212368	1	8.41	1150680	20.0
Benzene, 4-ethyl-...	9.52	5.8	ng/ul	334245	1	8.41	1150680	20.0
(DEL) Alkane: Str...	9.63	29.6	ng/ul	1700720	1	8.41	1150680	20.0
unknown-01	9.77	6.3	ng/ul	359913	1	8.41	1150680	20.0
(DEL) Alkane: Cyc...	10.35	2.8	ng/ul	262200	2	11.25	1881700	20.0
(DEL) Alkane: Str...	10.48	2.6	ng/ul	244755	2	11.25	1881700	20.0
(DEL) Alkane: Str...	10.63	3.1	ng/ul	289673	2	11.25	1881700	20.0
(DEL) Alkane: Str...	10.73	2.5	ng/ul	236780	2	11.25	1881700	20.0
(DEL) Alkane: Str...	11.18	13.4	ng/ul	1255860	2	11.25	1881700	20.0
4-Nonanone, 2,6,8...	11.33	6.9	ng/ul	650753	2	11.25	1881700	20.0
(DEL) Alkane: Str...	11.37	2.7	ng/ul	257824	2	11.25	1881700	20.0
unknown-02	11.59	7.8	ng/ul	729261	2	11.25	1881700	20.0
1-Butanol, 2,2-di...	11.72	3.6	ng/ul	334865	2	11.25	1881700	20.0
(DEL) Alkane: Cyc...	11.93	3.9	ng/ul	366493	2	11.25	1881700	20.0
(DEL) Alkane: Str...	12.11	3.0	ng/ul	279842	2	11.25	1881700	20.0
(DEL) Alkane: Str...	12.22	4.4	ng/ul	413919	2	11.25	1881700	20.0
Benzene, 1,3,5-tr...	12.31	6.7	ng/ul	625507	2	11.25	1881700	20.0
1,3-Propanediol, ...	12.45	6.0	ng/ul	569209	2	11.25	1881700	20.0
(DEL) Alkane: Str...	12.61	8.4	ng/ul	789151	2	11.25	1881700	20.0
unknown-03	12.65	4.8	ng/ul	446921	2	11.25	1881700	20.0
2-Octen-4-one, 2-...	12.74	2.8	ng/ul	266854	2	11.25	1881700	20.0
unknown-04	13.01	2.6	ng/ul	241643	2	11.25	1881700	20.0
Naphthalene, 1-me...	13.10	2.2	ng/ul	207923	2	11.25	1881700	20.0
(DEL) Alkane: Cyc...	13.24	2.4	ng/ul	302221	3	15.03	2561520	20.0
(DEL) Alkane: Str...	13.54	2.3	ng/ul	296268	3	15.03	2561520	20.0
(DEL) Alkane: Str...	13.82	7.5	ng/ul	966937	3	15.03	2561520	20.0
Naphthalene, 2,6-...	14.21	4.2	ng/ul	533692	3	15.03	2561520	20.0
Naphthalene, 1,2-...	14.35	3.2	ng/ul	404581	3	15.03	2561520	20.0
(DEL) Alkane: Str...	14.47	2.4	ng/ul	312054	3	15.03	2561520	20.0
3,4-Dimethyl(1H)p...	14.63	4.1	ng/ul	523256	3	15.03	2561520	20.0
(DEL) Alkane: Str...	14.88	18.2	ng/ul	2325360	3	15.03	2561520	20.0
Naphthalene, 2,3,...	15.15	7.1	ng/ul	914291	3	15.03	2561520	20.0
(DEL) Alkane: Str...	15.31	2.3	ng/ul	296339	3	15.03	2561520	20.0
Naphthalene, 1,6,...	15.41	2.9	ng/ul	368882	3	15.03	2561520	20.0

Isolongifolene, 4...	15.55	3.3 ng/ul	422211	3	15.03	2561520	20.0
1,2,3,4,5,6,7,8-O...	15.76	7.0 ng/ul	890864	3	15.03	2561520	20.0
(DEL) Alkane: Str...	15.82	9.7 ng/ul	1244120	3	15.03	2561520	20.0
(DEL) Alkane: Str...	16.22	2.5 ng/ul	321456	3	15.03	2561520	20.0
4-Amino-4'-methox...	16.61	3.0 ng/ul	374107	4	17.76	2489730	20.0
(DEL) Alkane: Str...	16.68	8.4 ng/ul	1046110	4	17.76	2489730	20.0
(DEL) Alkane: Str...	17.51	3.6 ng/ul	446432	4	17.76	2489730	20.0
(DEL) Alkane: Str...	18.20	6.0 ng/ul	741481	4	17.76	2489730	20.0
Pentadecanoic aci...	18.37	2.6 ng/ul	318329	4	17.76	2489730	20.0
(DEL) Alkane: Str...	18.88	3.8 ng/ul	476636	4	17.76	2489730	20.0
(DEL) Alkane: Str...	19.50	3.7 ng/ul	465869	4	17.76	2489730	20.0
9-Octadecenoic ac...	19.52	2.4 ng/ul	294925	4	17.76	2489730	20.0
(DEL) Alkane: Str...	20.06	2.2 ng/ul	271566	5	21.88	2473970	20.0
(DEL) Alkane: Str...	20.59	2.2 ng/ul	271366	5	21.88	2473970	20.0
(DEL) Alkane: Str...	21.54	3.8 ng/ul	465347	5	21.88	2473970	20.0
(DEL) Alkane: Str...	22.45	2.9 ng/ul	355259	5	21.88	2473970	20.0
Phthalic acid, bi...	23.30	2.3 ng/ul	204503	6	24.36	1745100	20.0
(DEL) Alkane: Str...	23.52	2.4 ng/ul	210683	6	24.36	1745100	20.0
(DEL) Alkane: Str...	24.15	2.1 ng/ul	185920	6	24.36	1745100	20.0

Instrument :
BNA_N
ClientSampleId :
DAM41DL2