

Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
 Data File : BN000510.D
 Acq On : 21 Mar 2018 01:19
 Operator : JU/SJ
 Sample : J1905-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM49

Integration Parameters: LSCINT.P

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

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.708	208	216	222	rVV	5143058	8478337	9.08%	0.887%
2	4.772	222	227	243	rVB	2727203	4218136	4.52%	0.441%
3	5.355	317	326	331	rVB3	1508677	2466603	2.64%	0.258%
4	5.419	331	337	347	rVB2	4232265	7975410	8.54%	0.835%
5	5.902	412	419	427	rBV2	3229447	5265927	5.64%	0.551%
6	6.213	463	472	475	rBV3	1167285	2497125	2.67%	0.261%
7	6.360	491	497	501	rBV2	2236450	3933595	4.21%	0.412%
8	6.407	501	505	520	rVB	2484316	4315429	4.62%	0.452%
9	6.772	556	567	571	rBV4	984224	2592133	2.77%	0.271%
10	6.872	576	584	589	rBV2	2576892	5420243	5.80%	0.567%
11	7.019	603	609	615	rBV4	1082130	2532992	2.71%	0.265%
12	7.125	621	627	632	rVB	7430394	12568074	13.45%	1.315%
13	7.425	673	678	684	rBV2	1717101	4389617	4.70%	0.459%
14	7.478	684	687	692	rVV	2464091	4321235	4.63%	0.452%
15	7.537	692	697	703	rVB2	5285772	9003308	9.64%	0.942%
16	7.619	706	711	713	rBV	1999105	3057376	3.27%	0.320%
17	7.654	713	717	724	rVB	5778243	9508653	10.18%	0.995%
18	7.796	733	741	743	rVV2	4802832	10284181	11.01%	1.076%
19	7.837	743	748	753	rVB	8532961	16837227	18.02%	1.762%
20	8.013	773	778	782	rVV	5084005	8289094	8.87%	0.867%
21	8.060	782	786	791	rVV	2591656	3954899	4.23%	0.414%
22	8.307	818	828	833	rBV5	908953	2651451	2.84%	0.277%
23	8.372	834	839	843	rBV	1872616	2802964	3.00%	0.293%
24	8.437	843	850	852	rBV4	1449114	2867631	3.07%	0.300%
25	8.472	852	856	861	rVB	1544538	2660139	2.85%	0.278%
26	8.584	861	875	879	rBV3	8588682	34059574	36.46%	3.564%
27	8.666	879	889	893	rBV	10560951	33931211	36.32%	3.551%
28	8.831	910	917	919	rBV3	1362333	2514345	2.69%	0.263%
29	8.954	919	938	943	rVV2	13726203	71928017	77.00%	7.527%
30	9.001	943	946	954	rVB2	2567278	4064622	4.35%	0.425%
31	9.084	954	960	966	rVB3	7219050	12921985	13.83%	1.352%
32	9.178	971	976	980	rBV	3524928	5747203	6.15%	0.601%
33	9.248	980	988	998	rVV2	4650972	9793851	10.48%	1.025%
34	9.390	1007	1012	1015	rBV2	1507704	2595041	2.78%	0.272%

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35	9.448	1018	1022	1027	rVB2	1798522	3017245	3.23%	0.316%
36	9.578	1027	1044	1049	rBV2	6714979	21868838	23.41%	2.288%
37	9.648	1049	1056	1060	rVB	5893915	11038493	11.82%	1.155%
38	9.778	1068	1078	1079	rBV6	1256766	2815662	3.01%	0.295%
39	9.825	1080	1086	1089	rBV4	1073873	2523292	2.70%	0.264%
40	9.872	1089	1094	1098	rBV2	4500340	8305589	8.89%	0.869%
41	9.972	1106	1111	1117	rBV2	4175739	7667719	8.21%	0.802%
42	10.054	1119	1125	1134	rBV6	5096042	12579811	13.47%	1.316%
43	10.143	1135	1140	1144	rVV4	2966539	5907975	6.32%	0.618%
44	10.213	1144	1152	1161	rVB3	10277540	37734585	40.39%	3.949%
45	10.325	1161	1171	1178	rBV3	9982500	32568383	34.86%	3.408%
46	10.425	1184	1188	1191	rVB	2864095	3618897	3.87%	0.379%
47	10.701	1231	1235	1240	rVB4	3184422	6594087	7.06%	0.690%
48	10.790	1245	1250	1253	rBV	4523179	8285546	8.87%	0.867%
49	10.925	1269	1273	1276	rBV2	1934540	2843242	3.04%	0.298%
50	11.042	1287	1293	1297	rBV	2742817	6195620	6.63%	0.648%
51	11.166	1306	1314	1316	rBV4	2767872	6262606	6.70%	0.655%
52	11.201	1316	1320	1323	rVV5	4335269	8134039	8.71%	0.851%
53	11.248	1323	1328	1333	rVV3	4867805	10470508	11.21%	1.096%
54	11.295	1333	1336	1342	rVB3	2689160	4136645	4.43%	0.433%
55	11.360	1342	1347	1352	rBV6	3114613	5896237	6.31%	0.617%
56	11.413	1353	1356	1370	rVB3	4270620	11535130	12.35%	1.207%
57	11.548	1370	1379	1384	rBV3	5492627	14800202	15.84%	1.549%
58	11.625	1384	1392	1397	rBV2	6942232	15351402	16.43%	1.606%
59	11.678	1397	1401	1405	rBV	2100832	3548986	3.80%	0.371%
60	11.748	1410	1413	1418	rVB	2882300	4033712	4.32%	0.422%
61	11.984	1448	1453	1458	rVB4	3718827	6434936	6.89%	0.673%
62	12.119	1470	1476	1481	rBV8	2978060	8273075	8.86%	0.866%
63	12.237	1492	1496	1499	rBV2	1655147	2979413	3.19%	0.312%
64	12.325	1508	1511	1515	rBV	1987604	3181615	3.41%	0.333%
65	12.484	1532	1538	1542	rBV2	6161927	10867129	11.63%	1.137%
66	12.625	1554	1562	1563	rBV3	2880809	5875839	6.29%	0.615%
67	12.789	1579	1590	1600	rBV5	6928006	22072021	23.63%	2.310%
68	12.872	1600	1604	1607	rVV	2576486	4222202	4.52%	0.442%
69	13.013	1624	1628	1630	rBV	1472704	2324387	2.49%	0.243%
70	13.054	1631	1635	1641	rVB4	3476610	6511084	6.97%	0.681%
71	13.231	1659	1665	1675	rVV7	3545853	11596463	12.41%	1.213%

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72	13.348	1681	1685	1691	rVB3	2003079	3211041	3.44%	0.336%
73	13.484	1703	1708	1717	rBV3	4570728	12302505	13.17%	1.287%
74	13.654	1733	1737	1740	rBV3	1366245	2315481	2.48%	0.242%
75	13.807	1757	1763	1766	rBV	5727417	11121744	11.91%	1.164%
76	13.836	1766	1768	1773	rVB	3159417	4045208	4.33%	0.423%
77	14.095	1804	1812	1817	rBV8	2353687	8180752	8.76%	0.856%
78	14.483	1871	1878	1883	rVB5	3800039	8253341	8.83%	0.864%
79	14.754	1919	1924	1934	rBV3	4259090	7733952	8.28%	0.809%
80	14.901	1944	1949	1952	rVB2	4980235	7314489	7.83%	0.765%
81	15.160	1989	1993	1998	rBV2	3254916	5173940	5.54%	0.541%
82	15.448	2030	2042	2043	rBV6	4916494	14709289	15.75%	1.539%
83	15.619	2062	2071	2076	rBV4	5320376	18020411	19.29%	1.886%
84	15.725	2077	2089	2091	rBV4	10662208	37950583	40.62%	3.971%
85	15.842	2106	2109	2114	rVB	3183628	4304397	4.61%	0.450%
86	16.054	2142	2145	2153	rBV3	1353422	2732728	2.93%	0.286%
87	16.689	2249	2253	2256	rBV	3049652	4388424	4.70%	0.459%
88	17.507	2373	2392	2395	rBV6	15892513	93418644	100.00%	9.775%
89	17.783	2437	2439	2443	rVB2	11331431	10371302	11.10%	1.085%
90	17.907	2457	2460	2462	rBV2	1977338	2443885	2.62%	0.256%
91	18.001	2473	2476	2480	rVB	2424836	3232327	3.46%	0.338%
92	18.189	2504	2508	2511	rBV3	1601460	3005430	3.22%	0.314%
93	18.224	2511	2514	2523	rVB3	3735429	5999849	6.42%	0.628%
94	18.383	2537	2541	2548	rVB4	2232803	5208360	5.58%	0.545%
95	18.889	2624	2627	2632	rVB	2705469	3408179	3.65%	0.357%
96	19.507	2728	2732	2735	rBV	2145094	2513440	2.69%	0.263%
97	20.142	2835	2840	2842	rBV	1762324	2859798	3.06%	0.299%
98	21.542	3075	3078	3088	rVB2	2718737	3562371	3.81%	0.373%
99	21.889	3132	3137	3141	rBV3	1526934	2633942	2.82%	0.276%
100	22.465	3231	3235	3242	rVB2	1755193	2710073	2.90%	0.284%

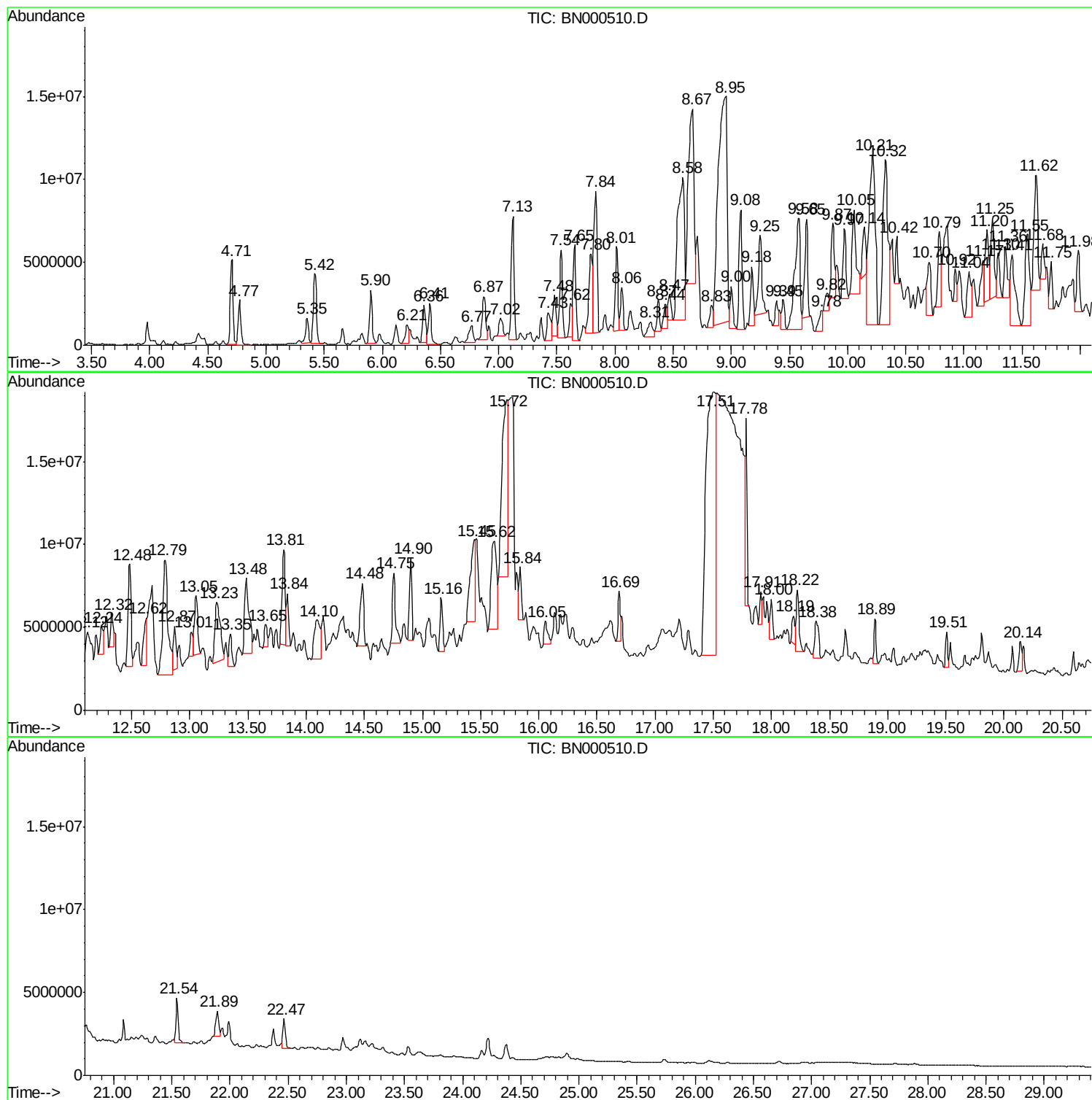
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Instrument :
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ClientSampled :
DAM49

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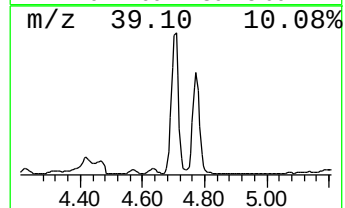
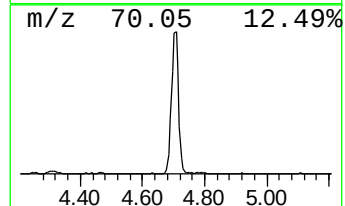
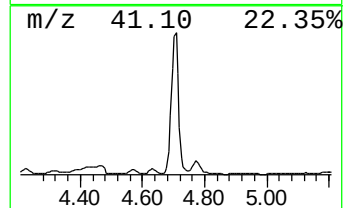
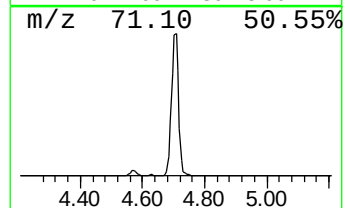
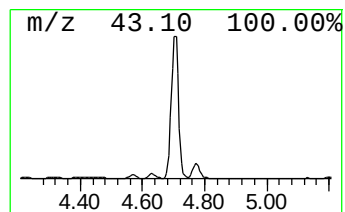
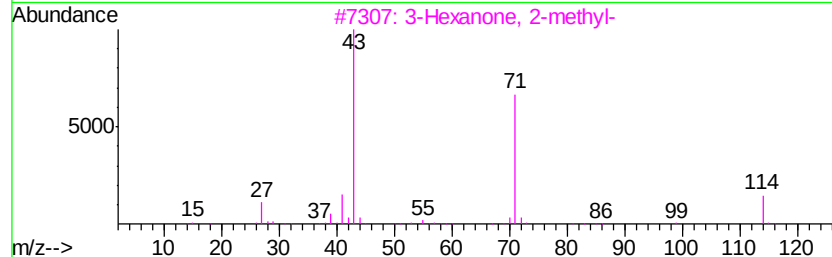
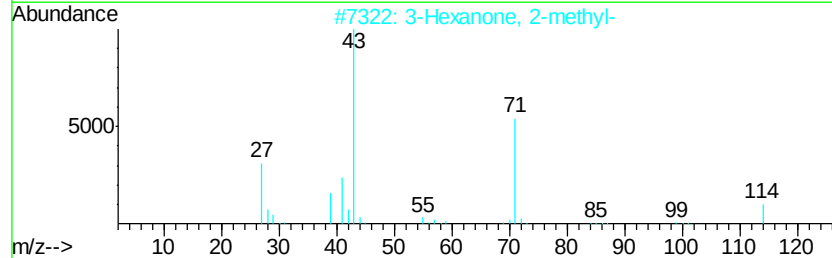
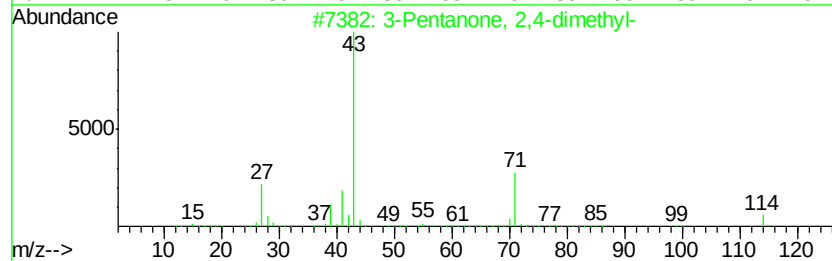
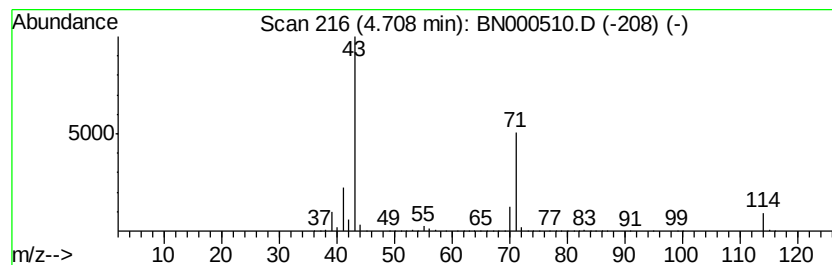
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 3-Pentanone, 2,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	59.13 ng/ul	8478340	1,4-Dichlorobenzene-d4	8.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	90
2		3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	80
3		3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	72
4		4-Heptanone	114	C7H14O	000123-19-3	59
5		4-Heptanone	114	C7H14O	000123-19-3	59



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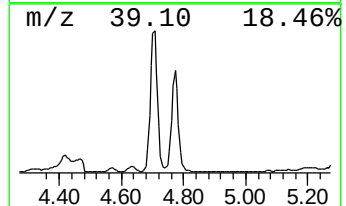
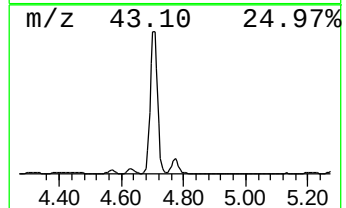
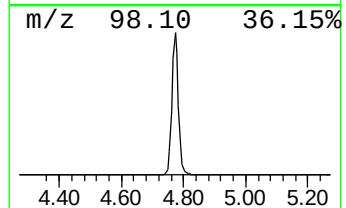
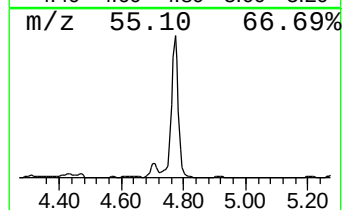
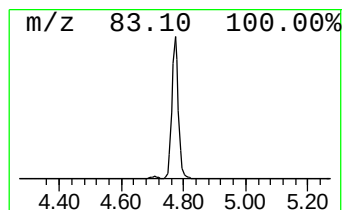
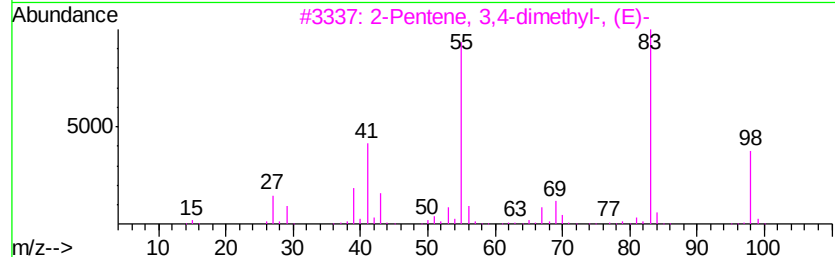
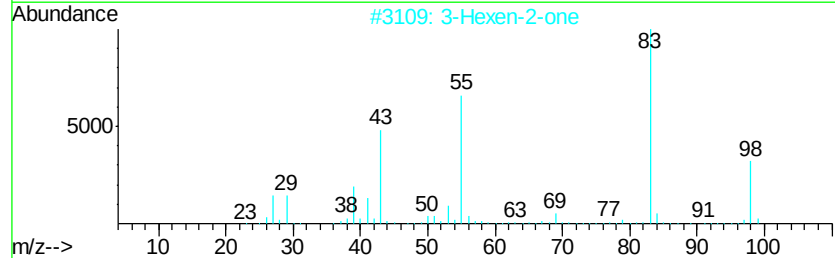
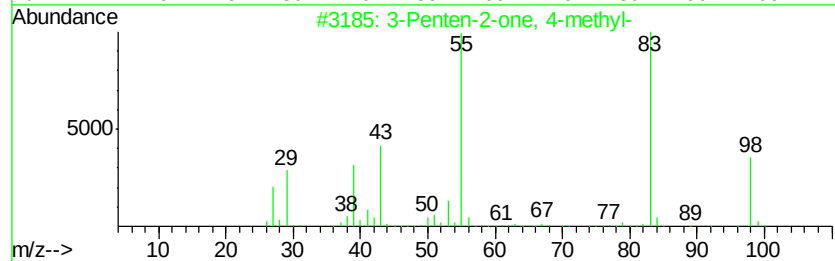
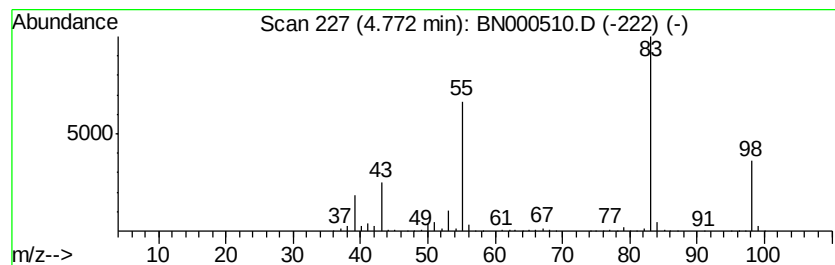
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	29.42 ng/ul	4218140	1,4-Dichlorobenzene-d4	8.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2		3-Hexen-2-one	98	C6H10O	000763-93-9	91
3		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4		Furan, 2-methoxy-	98	C5H6O2	025414-22-6	86
5		3-Hexen-2-one	98	C6H10O	000763-93-9	83



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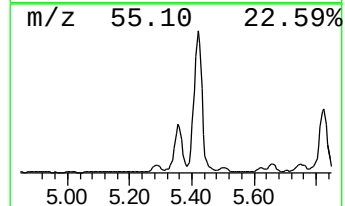
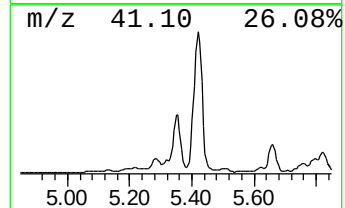
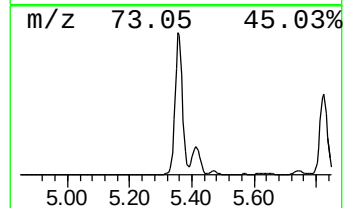
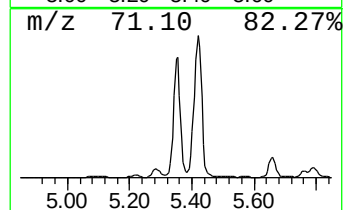
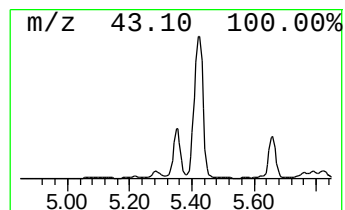
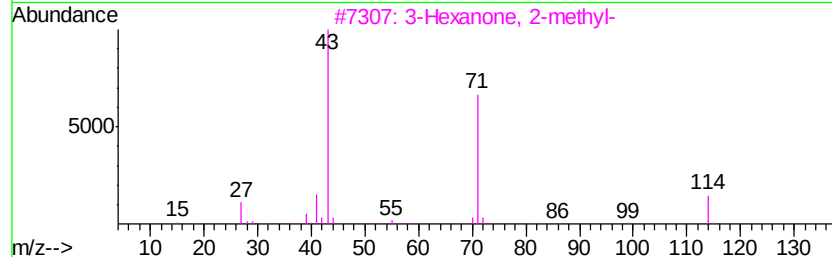
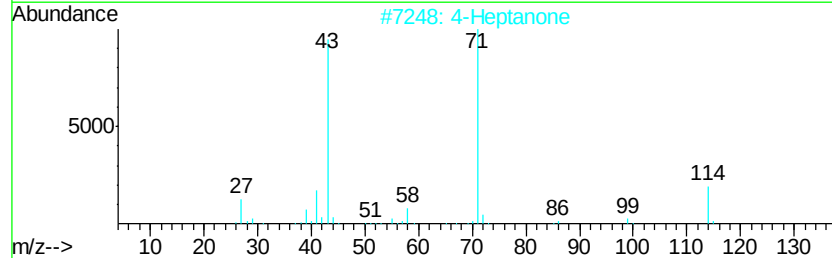
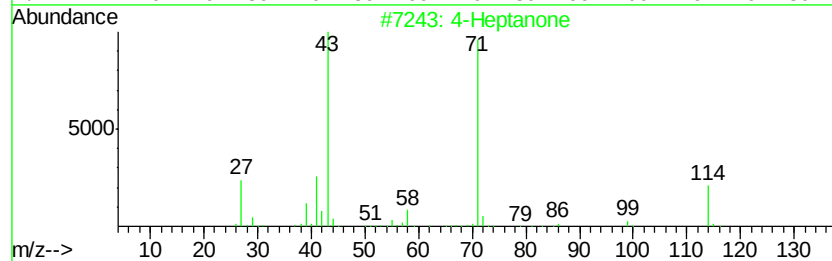
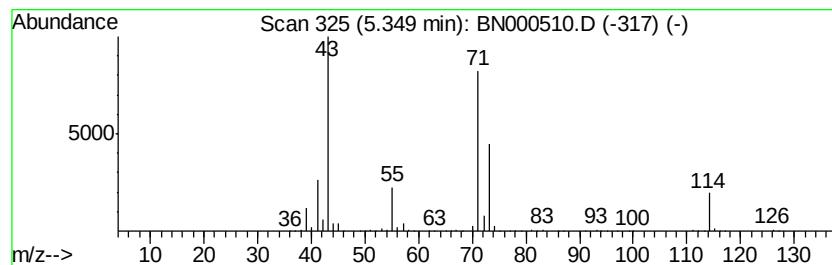
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Peak Number 3 4-Heptanone Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.35	17.20 ng/ul	2466600	1,4-Dichlorobenzene-d4	8.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Heptanone	114	C7H14O	000123-19-3	72
2		4-Heptanone	114	C7H14O	000123-19-3	72
3		3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	64
4		3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	64
5		4-Heptanone	114	C7H14O	000123-19-3	64



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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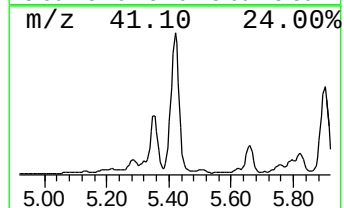
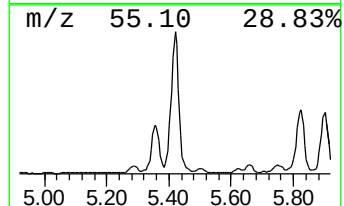
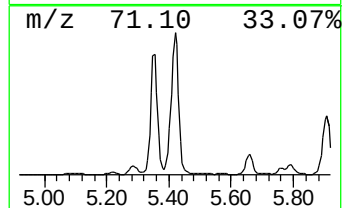
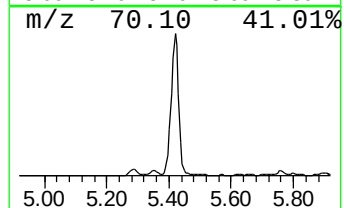
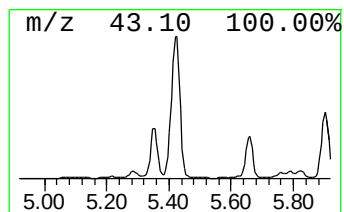
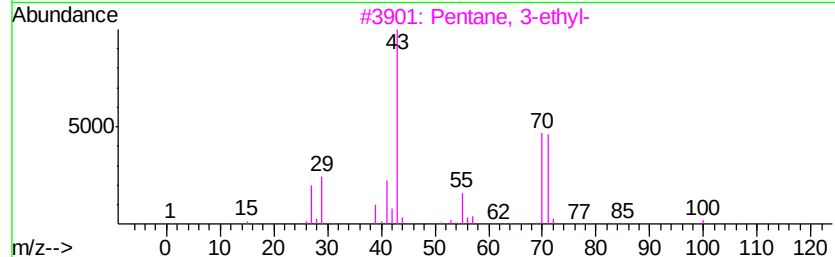
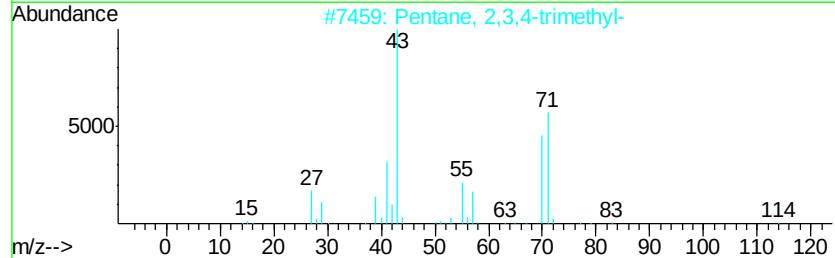
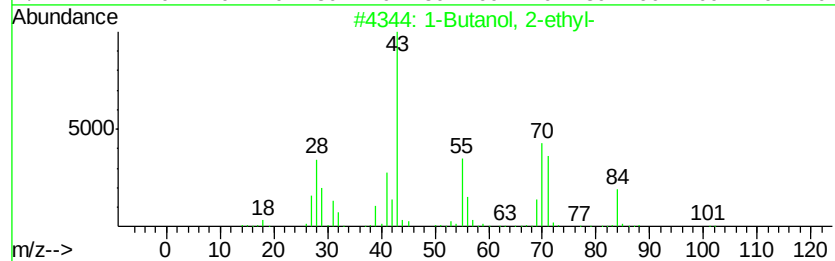
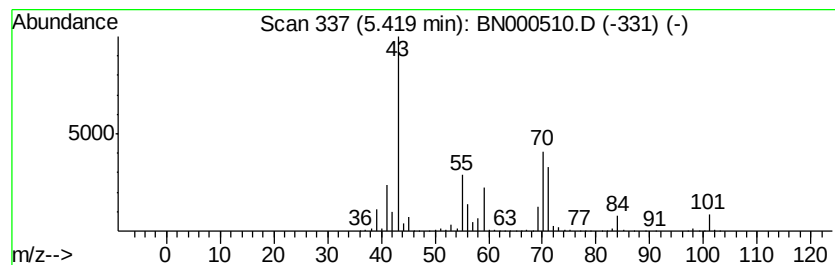
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1-Butanol, 2-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.42	55.62 ng/ul	7975410	1,4-Dichlorobenzene-d4	8.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	64
2		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	50
3		Pentane, 3-ethyl-	100	C7H16	000617-78-7	50
4		3-Methylheptyl acetate	172	C10H20O2	072218-58-7	42
5		1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	40



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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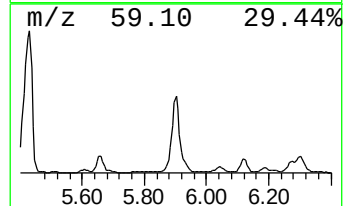
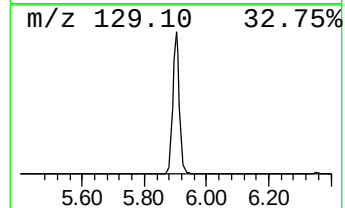
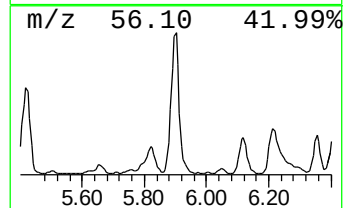
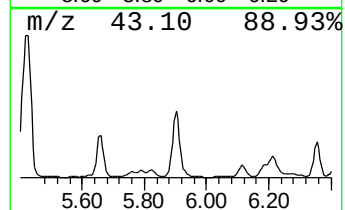
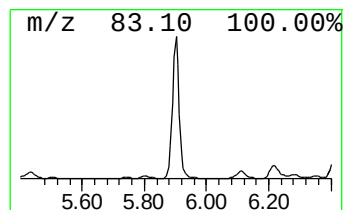
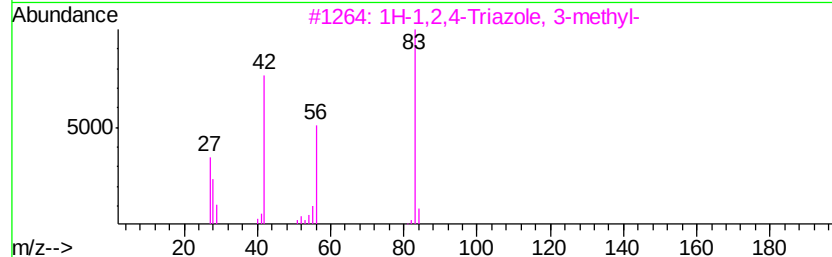
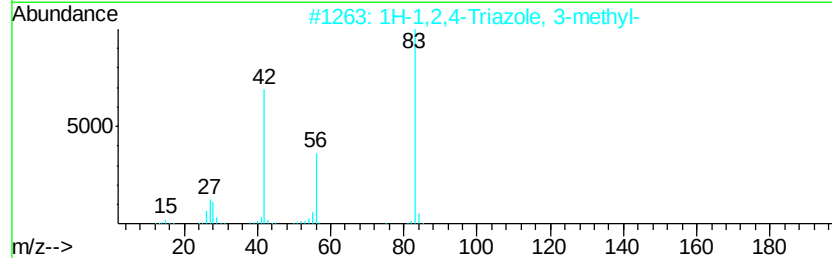
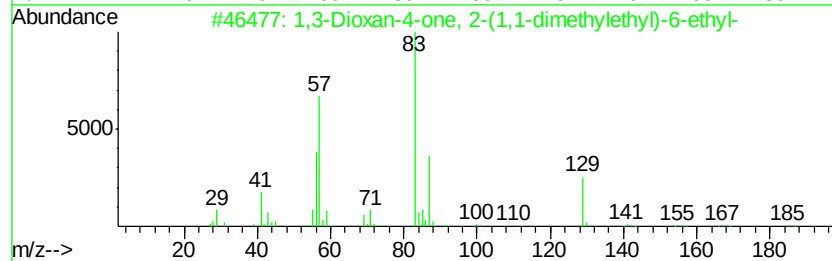
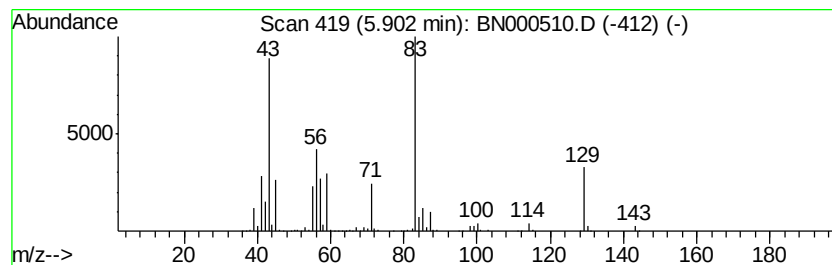
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	36.73 ng/ul	5265930	1,4-Dichlorobenzene-d4	8.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Dioxan-4-one, 2-(1,1-dimethy...	186	C10H18O3	113505-80-9	42
2		1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	32
3		1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	32
4		1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	32
5		1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	23



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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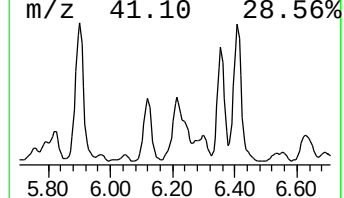
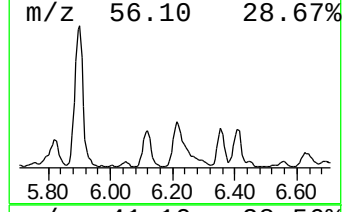
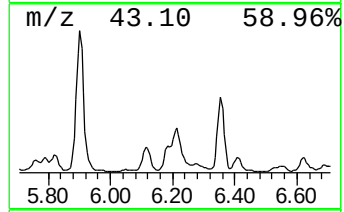
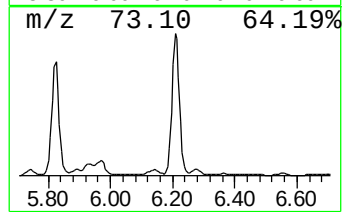
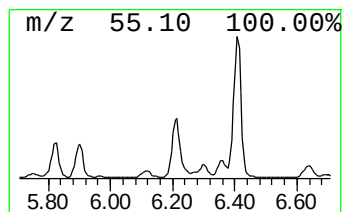
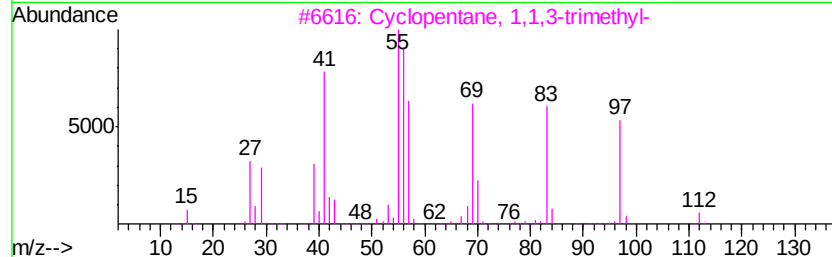
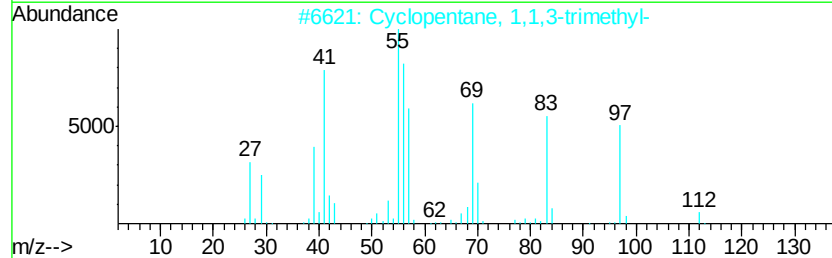
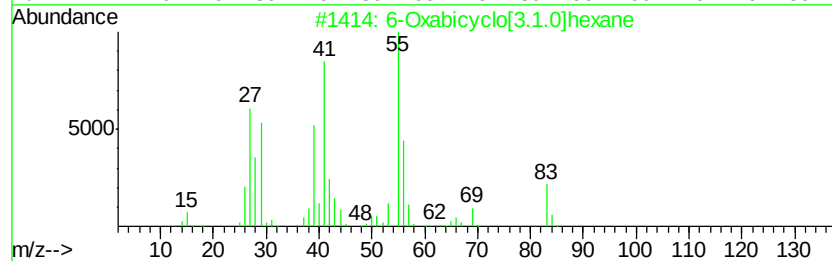
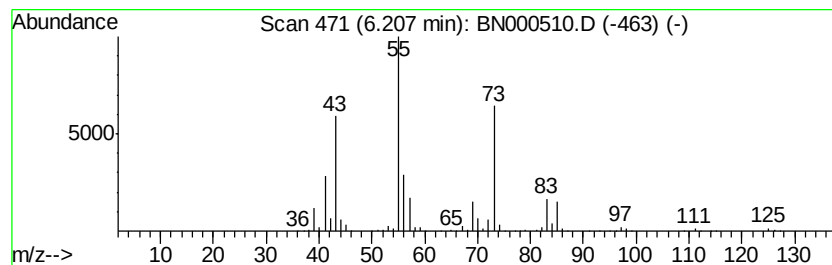
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-02 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	17.42 ng/ul	2497130	1,4-Dichlorobenzene-d4	8.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Oxabicyclo[3.1.0]hexane	84	C5H8O	000285-67-6	43
2		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	43
3		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	37
4		2-Propenoic acid, octyl ester	184	C11H20O2	002499-59-4	36
5		4-Octanol, 7-methyl-, acetate	186	C11H22O2	033933-81-2	25



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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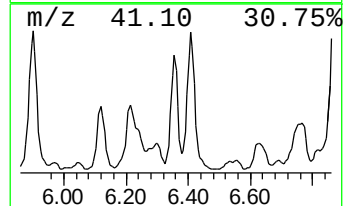
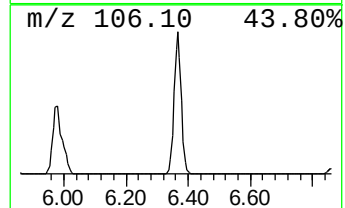
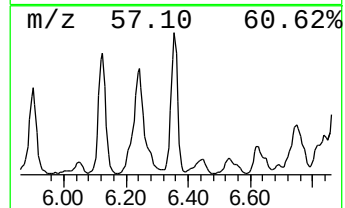
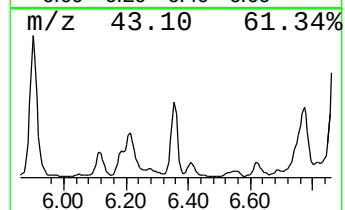
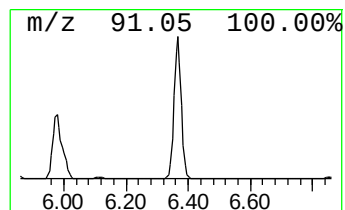
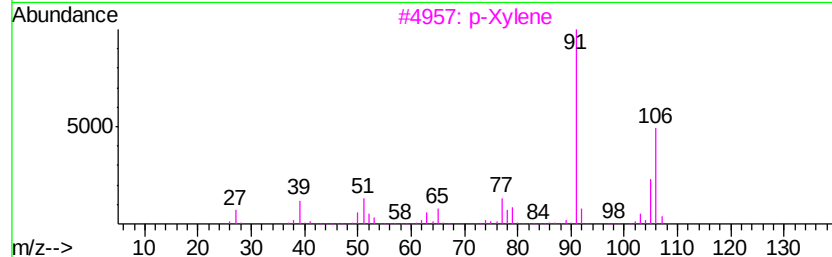
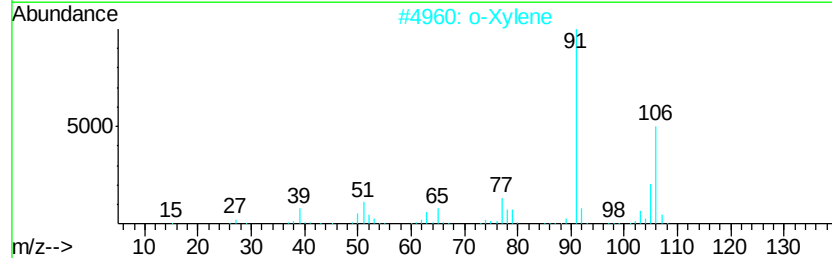
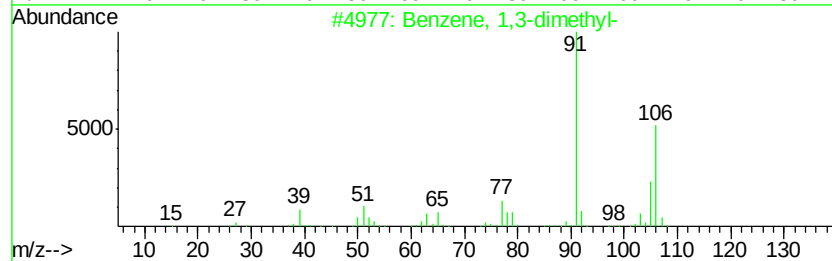
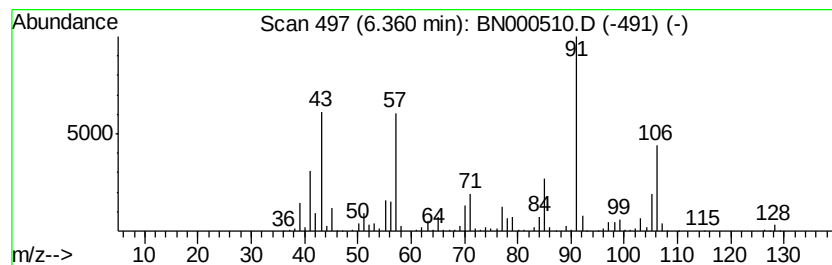
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzene, 1,3-dimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	27.43 ng/ul	3933600	1,4-Dichlorobenzene-d4	8.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	92
2		o-Xylene	106	C8H10	000095-47-6	92
3		p-Xylene	106	C8H10	000106-42-3	92
4		o-Xylene	106	C8H10	000095-47-6	91
5		p-Xylene	106	C8H10	000106-42-3	91



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
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Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

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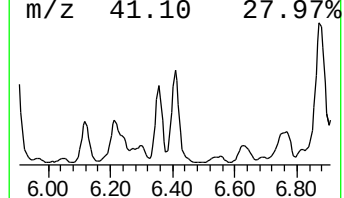
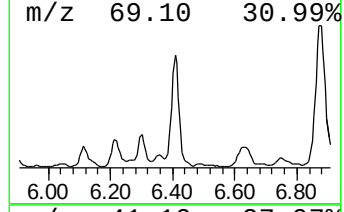
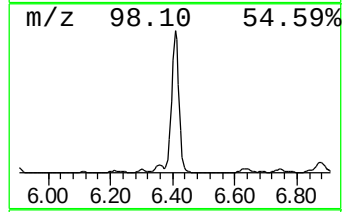
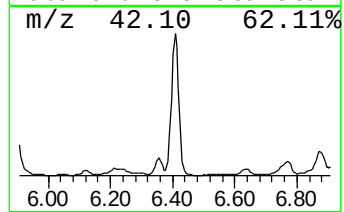
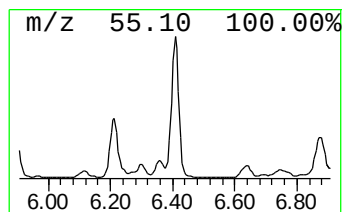
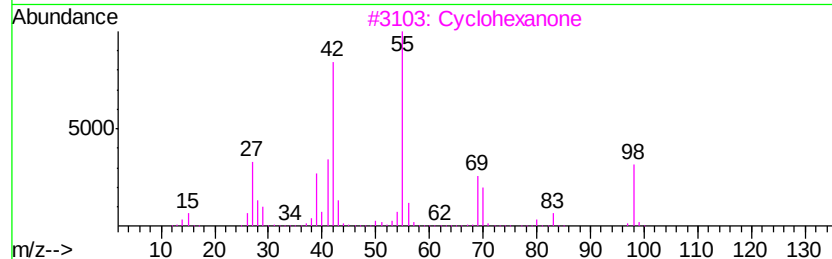
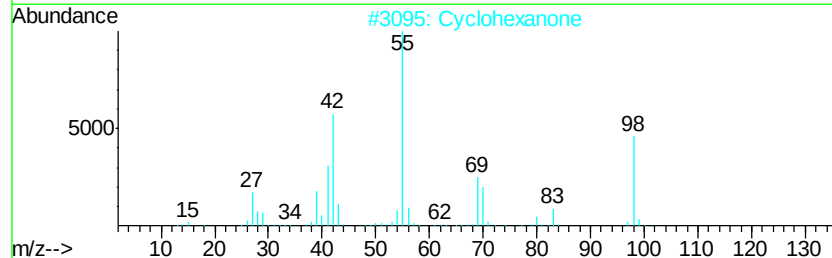
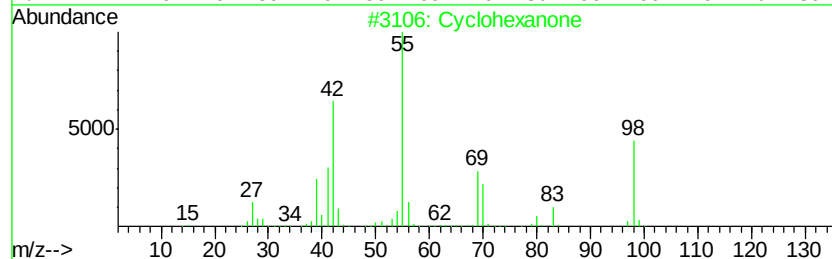
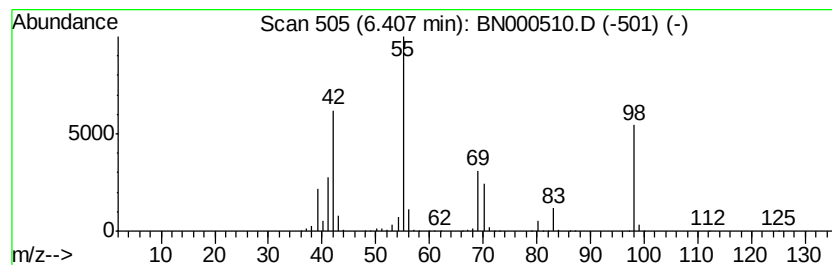
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Cyclohexanone Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	30.10 ng/ul	4315430	1,4-Dichlorobenzene-d4	8.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone	98	C6H10O	000108-94-1	91
2		Cyclohexanone	98	C6H10O	000108-94-1	91
3		Cyclohexanone	98	C6H10O	000108-94-1	91
4		Cyclohexanone	98	C6H10O	000108-94-1	83
5		Cyclohexane, methyl-	98	C7H14	000108-87-2	59



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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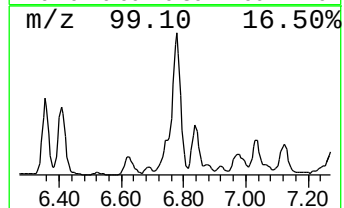
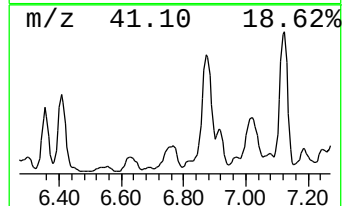
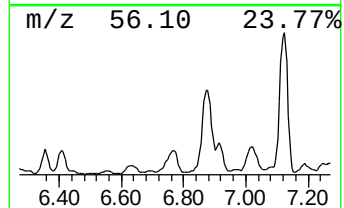
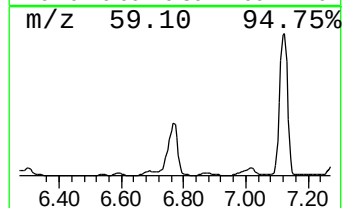
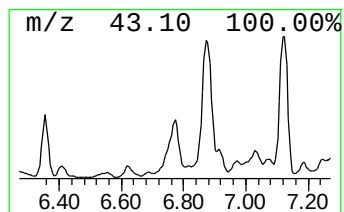
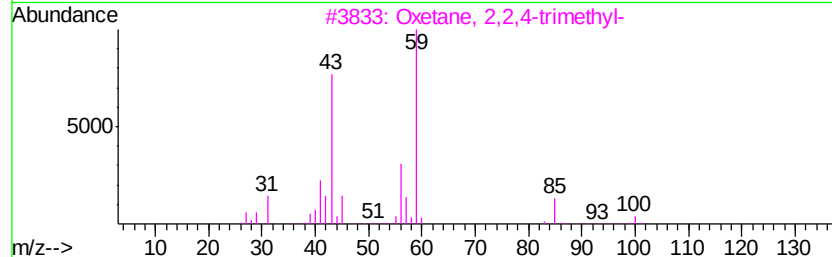
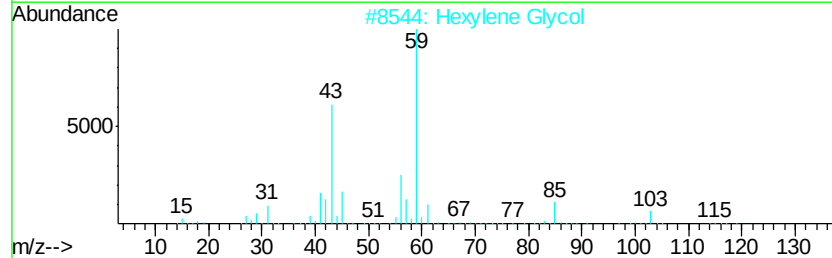
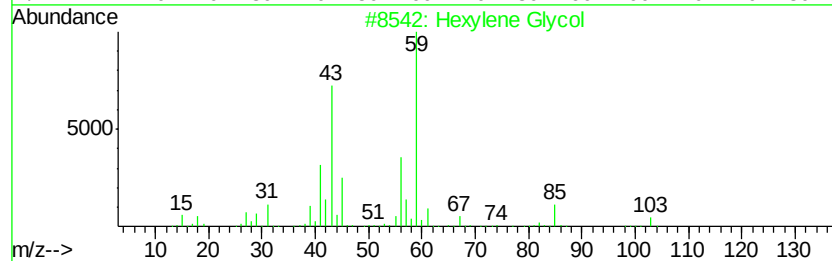
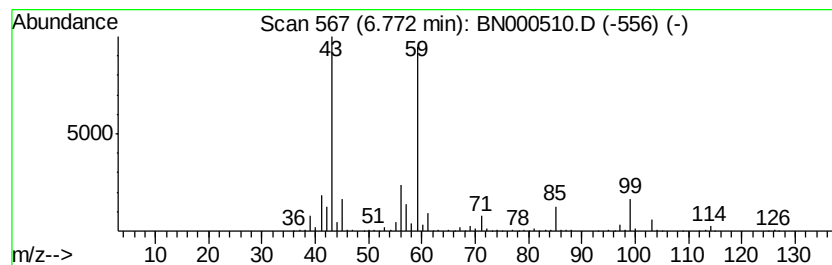
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Hexylene Glycol Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	18.08 ng/ul	2592130	1,4-Dichlorobenzene-d4	8.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexylene Glycol	118	C6H14O2	000107-41-5	80
2			Hexylene Glycol	118	C6H14O2	000107-41-5	80
3			Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	59
4			Hexylene Glycol	118	C6H14O2	000107-41-5	56
5			dl-Erythro-O-methylthreonine	133	C5H11NO3	1000214-70-7	53



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
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Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
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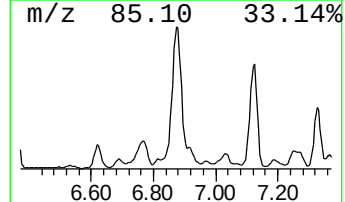
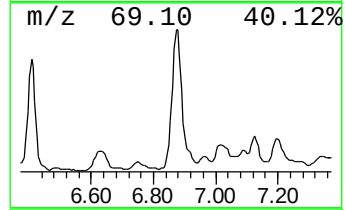
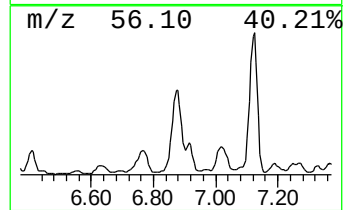
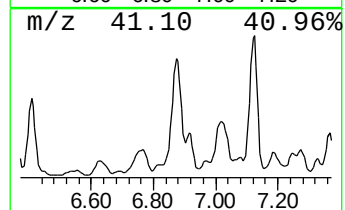
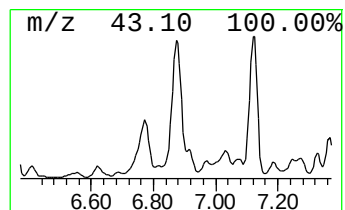
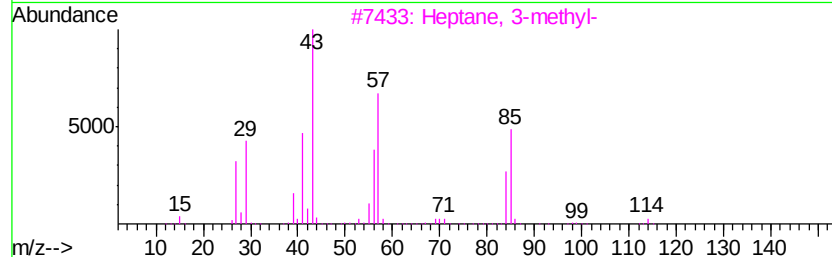
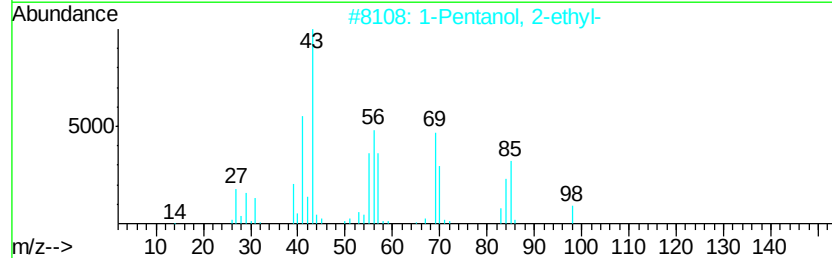
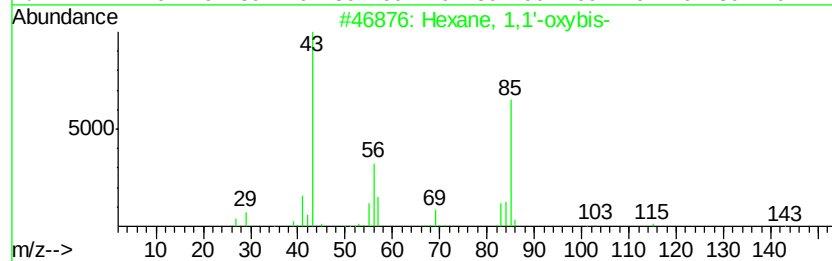
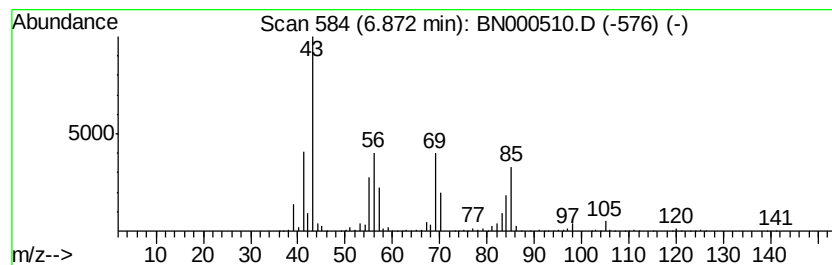
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Hexane, 1,1'-oxybis- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	37.80 ng/ul	5420240	1,4-Dichlorobenzene-d4	8.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	59
2		1-Pentanol, 2-ethyl-	116	C7H16O	027522-11-8	56
3		Heptane, 3-methyl-	114	C8H18	000589-81-1	53
4		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	40
5		Hexane, 1-(hexyloxy)-3-methyl-	200	C13H28O	074421-18-4	40



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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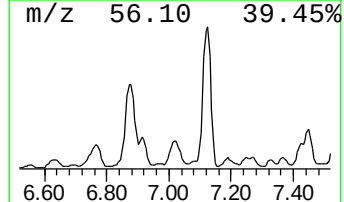
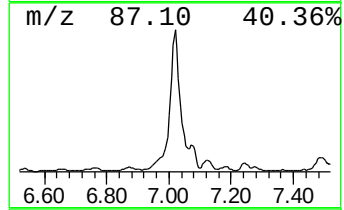
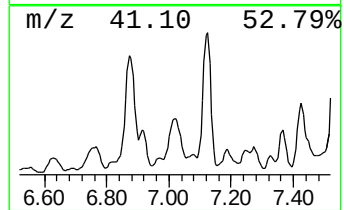
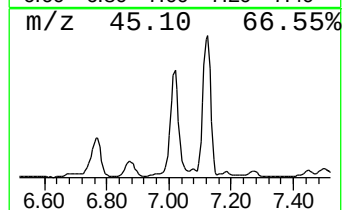
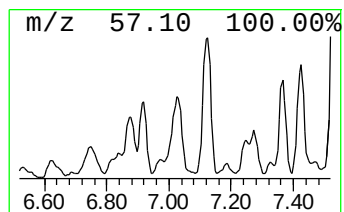
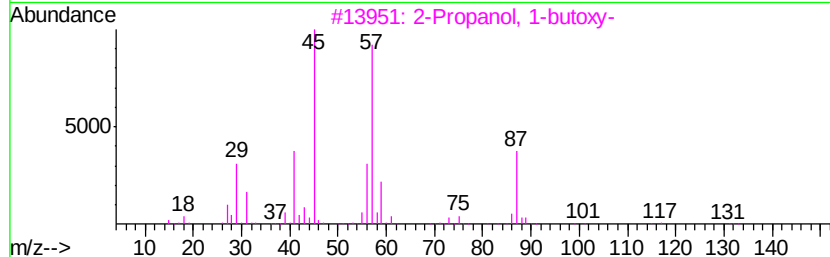
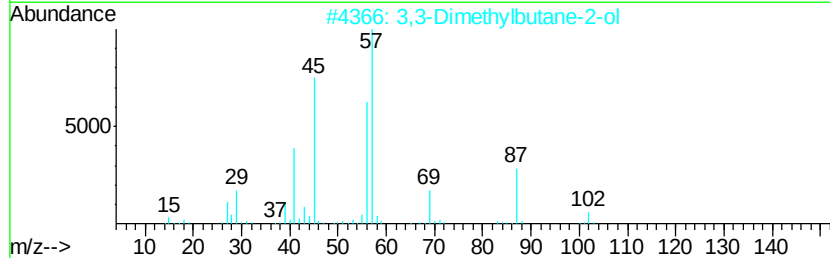
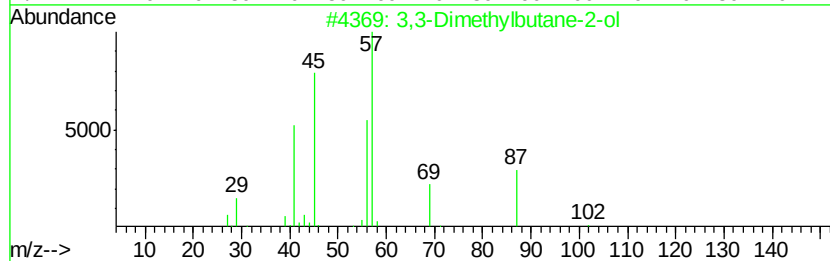
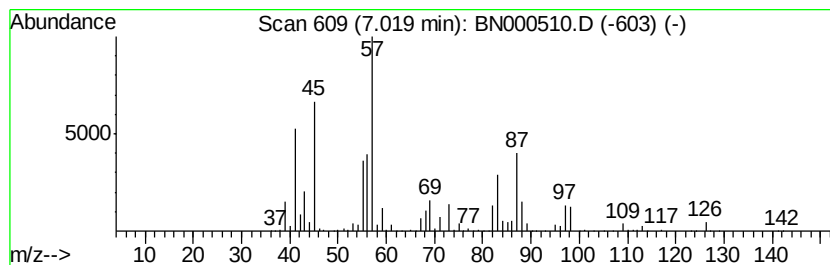
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 unknown-03 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	17.67 ng/ul	2532990	1,4-Dichlorobenzene-d4	8.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	43
2		3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	38
3		2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	35
4		2-Undecanol	172	C11H24O	001653-30-1	22
5		15-Crown-5	220	C10H20O5	033100-27-5	22



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
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Acq On : 21 Mar 2018 01:19
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Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
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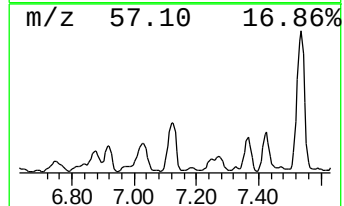
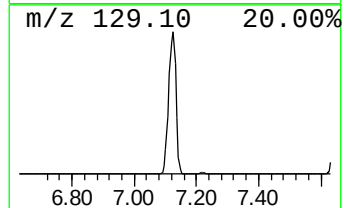
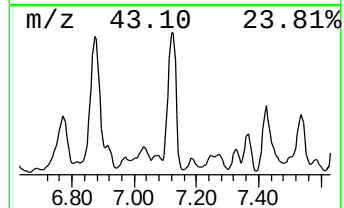
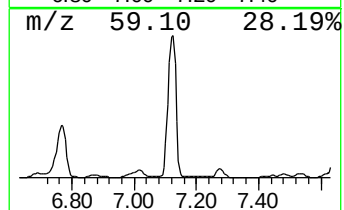
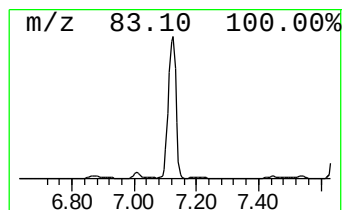
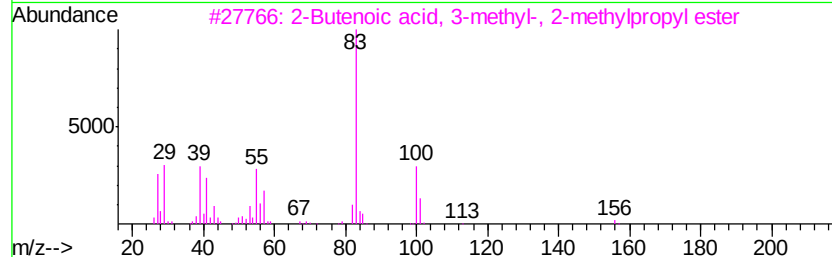
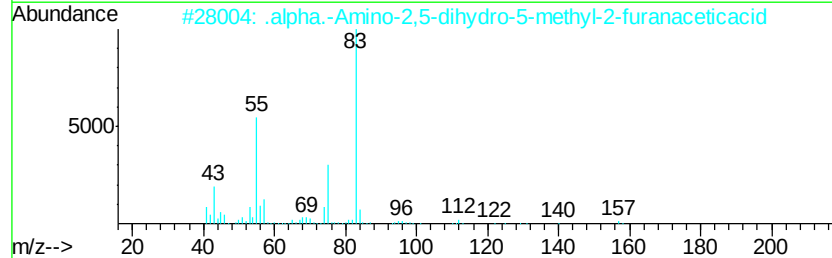
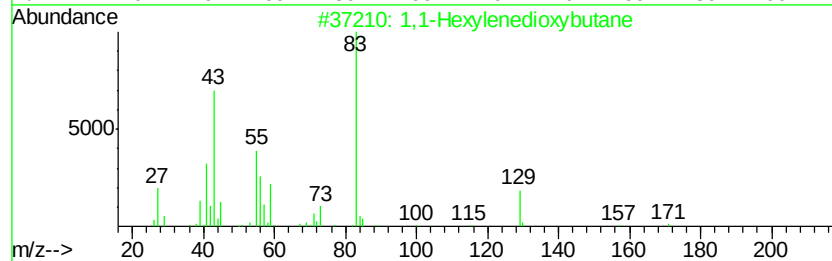
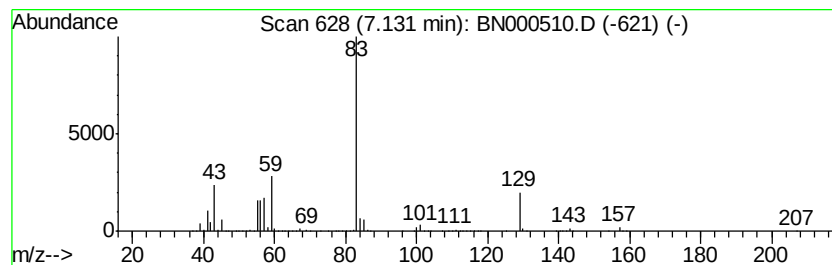
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 1,1-Hexylenedioxybutane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	87.65 ng/ul	12568100	1,4-Dichlorobenzene-d4	8.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	72
2		.alpha.-Amino-2,5-dihydro-5-meth...	157	C7H11NO3	018455-25-9	50
3		2-Butenoic acid, 3-methyl-, 2-me...	156	C9H16O2	030434-54-9	36
4		Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	10
5		1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	9



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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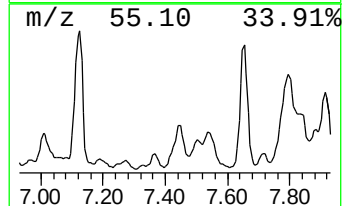
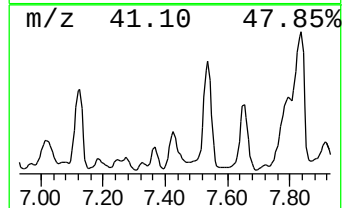
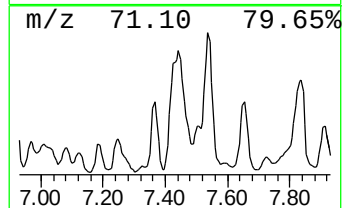
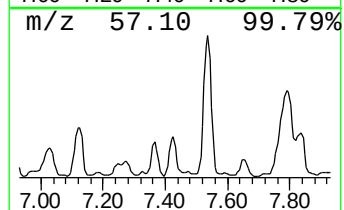
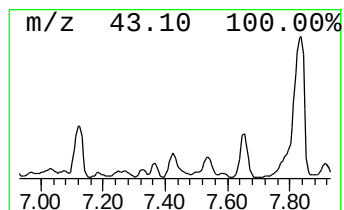
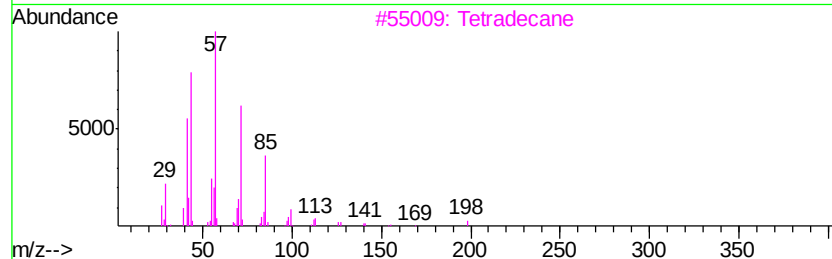
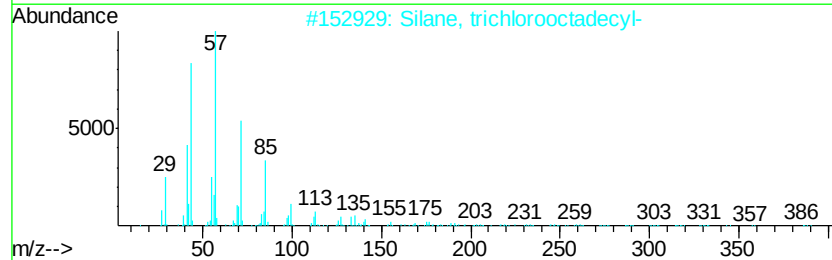
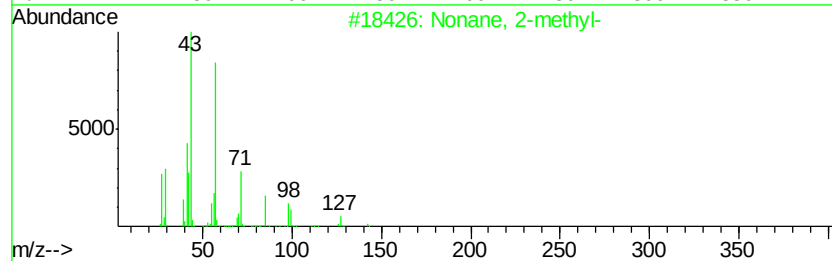
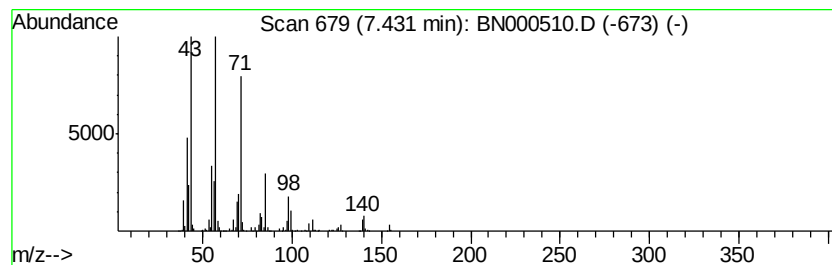
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	30.61 ng/ul	4389620	1,4-Dichlorobenzene-d4	8.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2-methyl-	142	C10H22	000871-83-0	80
2		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	78
3		Tetradecane	198	C14H30	000629-59-4	78
4		Octane, 2-methyl-	128	C9H20	003221-61-2	72
5		Nonane, 2-methyl-	142	C10H22	000871-83-0	64



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

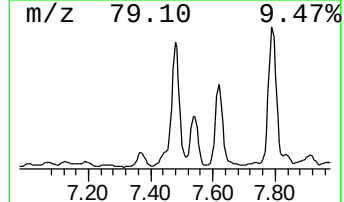
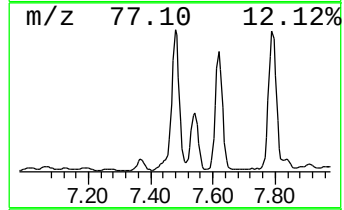
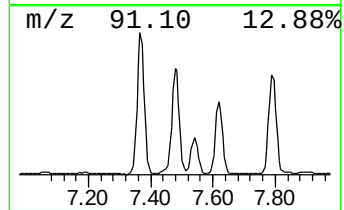
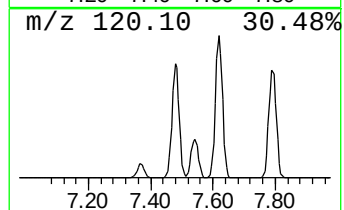
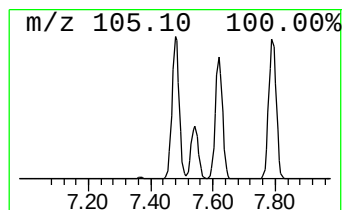
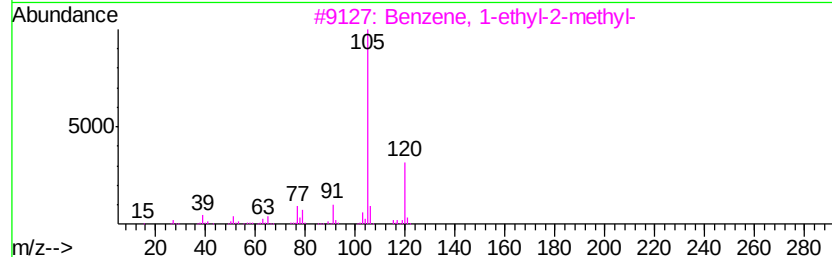
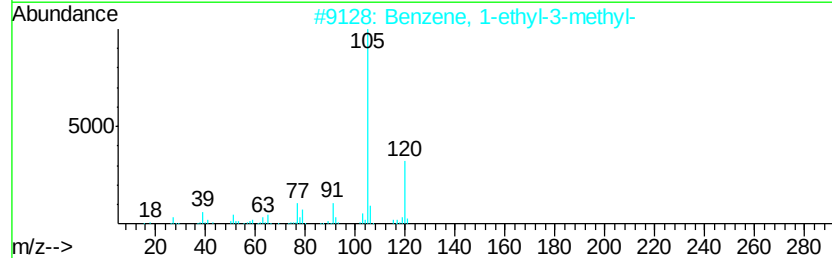
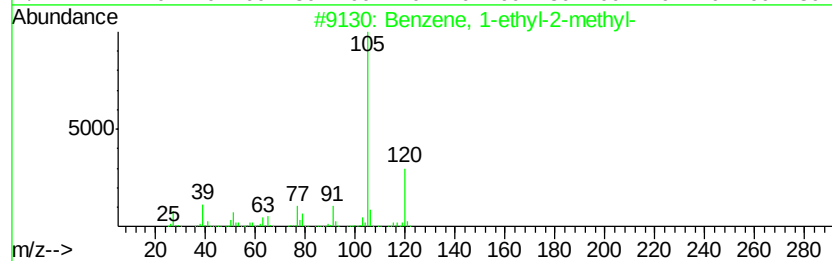
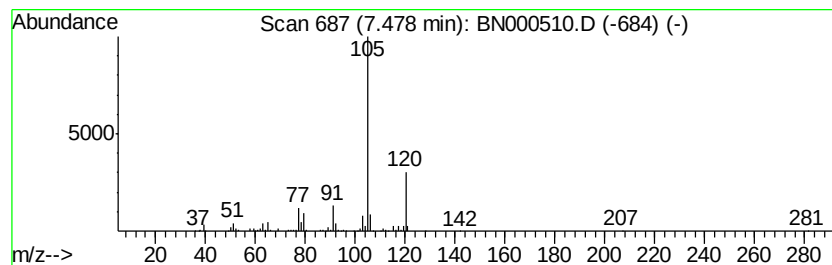
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 Benzene, 1-ethyl-2-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.		
7.48	30.14 ng/ul	4321240	1,4-Dichlorobenzene-d4	8.42		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95	
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95	
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95	
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94	
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91	



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
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Sample : J1905-14
Misc :
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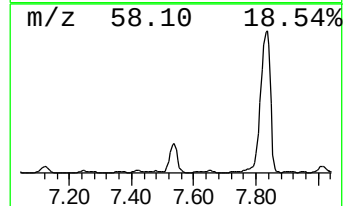
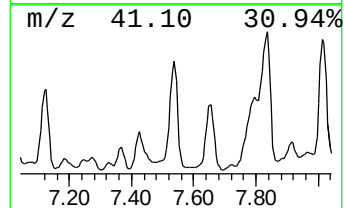
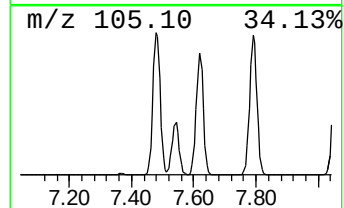
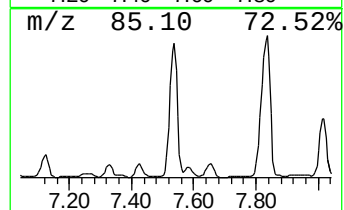
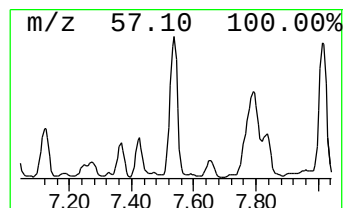
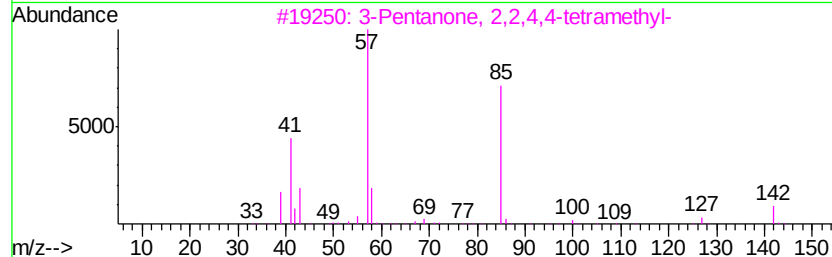
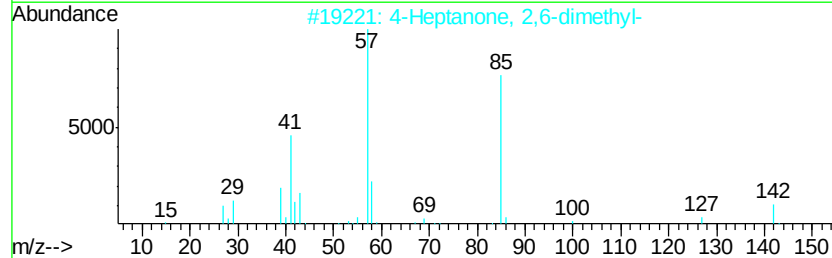
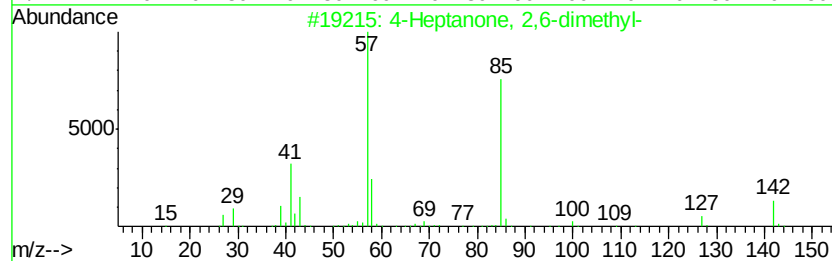
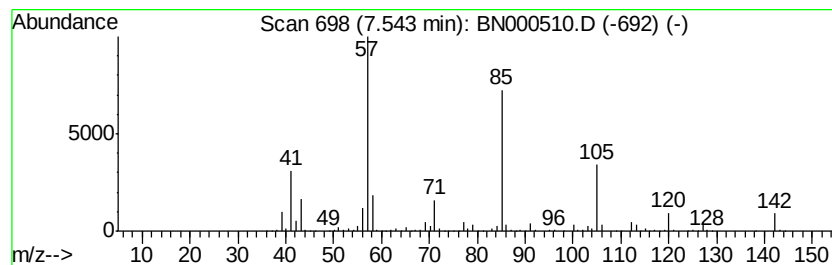
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 4-Heptanone, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.54	62.79 ng/ul	9003310	1,4-Dichlorobenzene-d4	8.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	76
2	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	68
3	3-Pentanone, 2,2,4,4-tetramethyl-	142	C9H18O	000815-24-7	68
4	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	50
5	4,4-Dimethyl octane	142	C10H22	015869-95-1	50



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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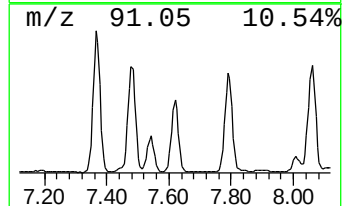
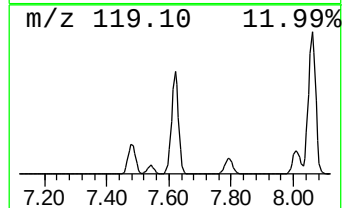
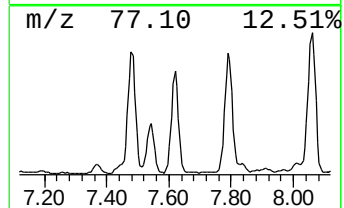
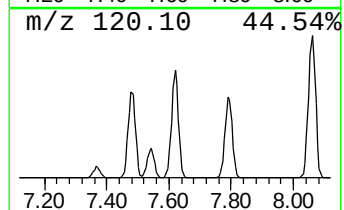
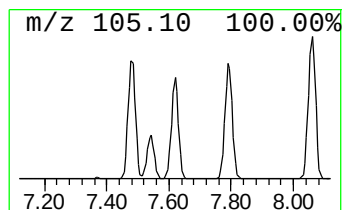
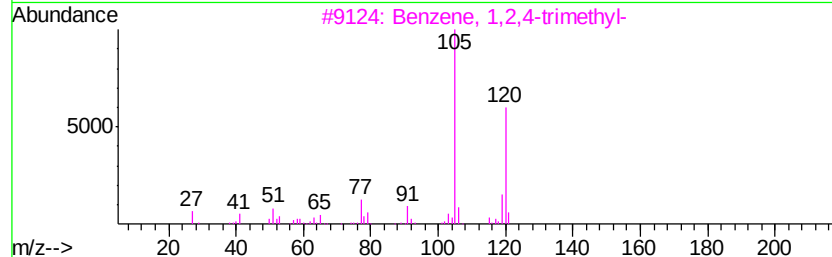
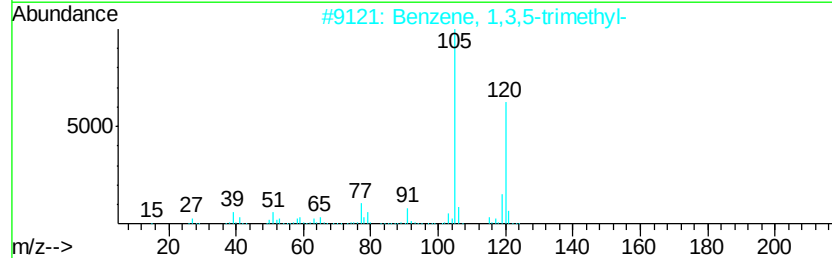
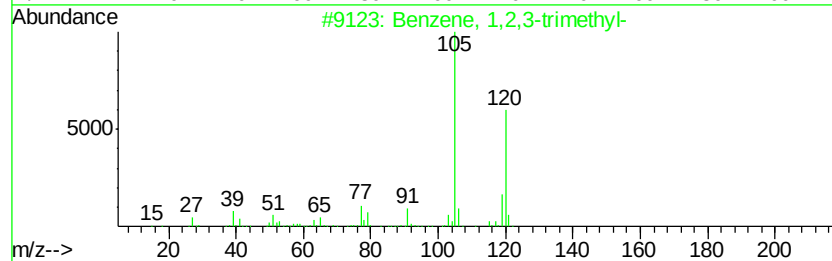
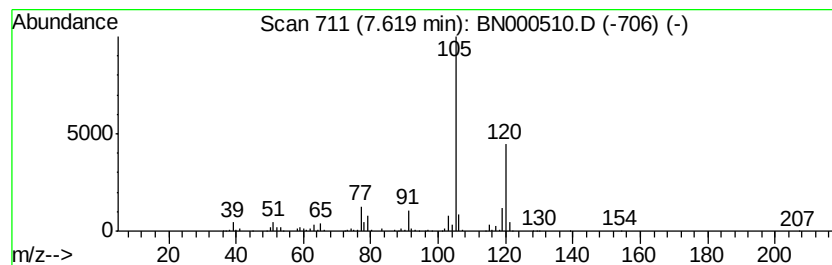
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Benzene, 1,2,3-trimethyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	21.32 ng/ul	3057380	1,4-Dichlorobenzene-d4	8.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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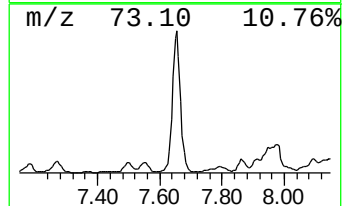
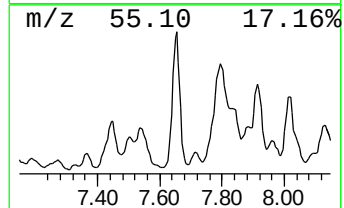
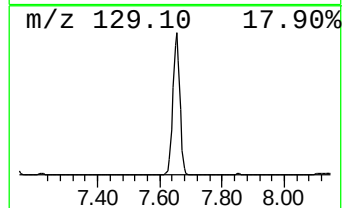
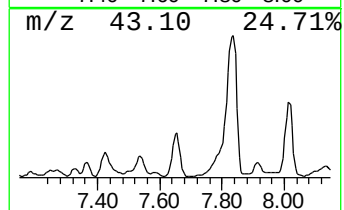
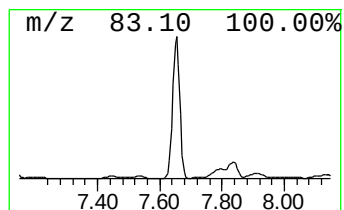
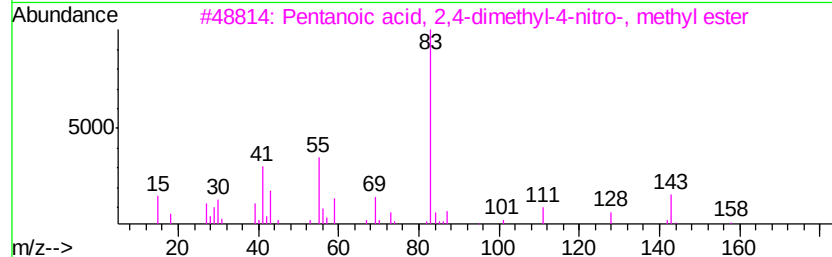
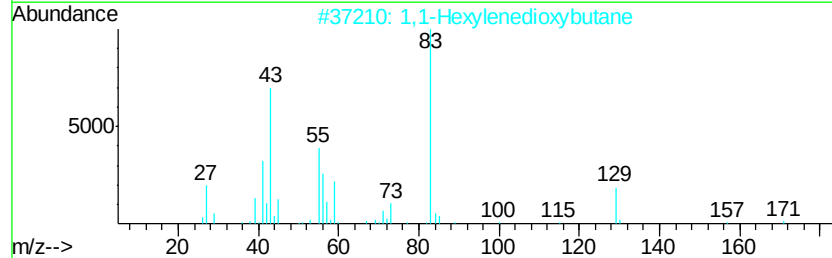
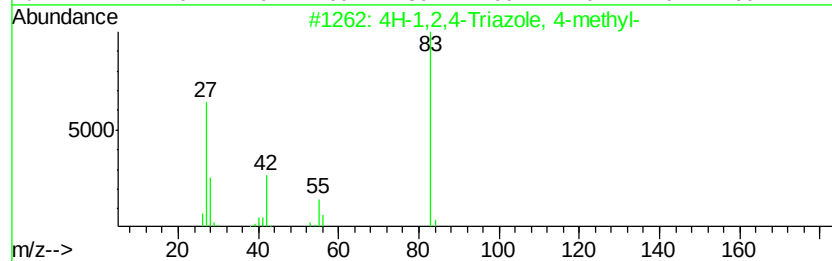
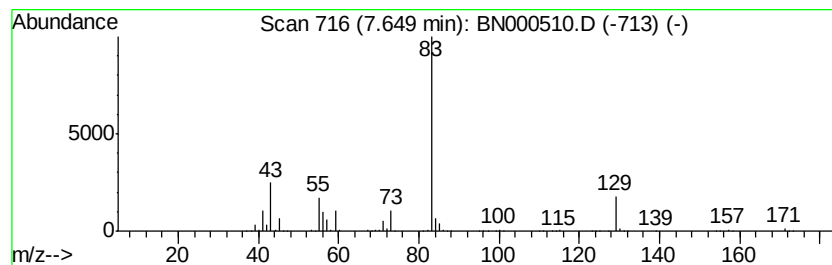
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 unknown-04 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	66.32 ng/ul	9508650	1,4-Dichlorobenzene-d4	8.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-1,2,4-Triazole, 4-methyl-	83	C3H5N3	010570-40-8	42
2			1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	40
3			Pentanoic acid, 2,4-dimethyl-4-n...	189	C8H15NO4	005762-40-3	39
4			N-Nitro-1H-1,2,4-triazol-3-amine	129	C2H3N5O2	034815-01-5	9
5			1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	9



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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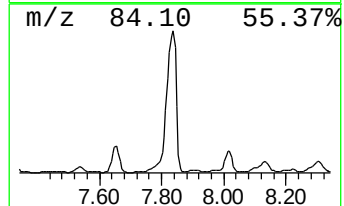
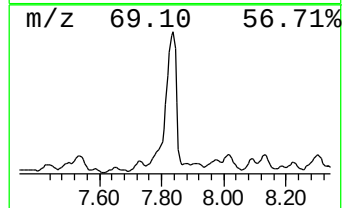
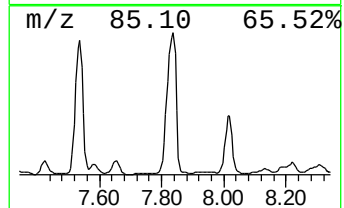
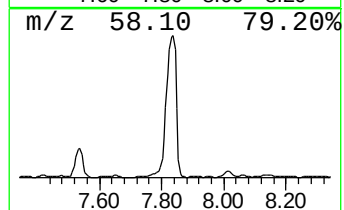
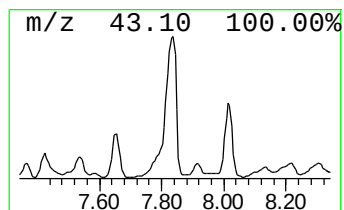
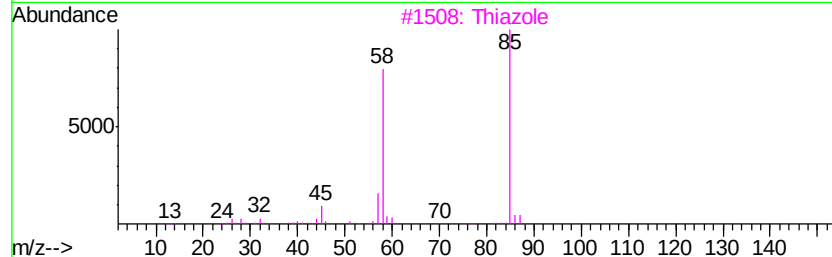
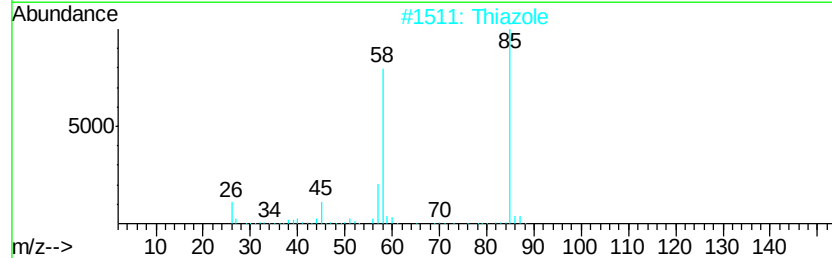
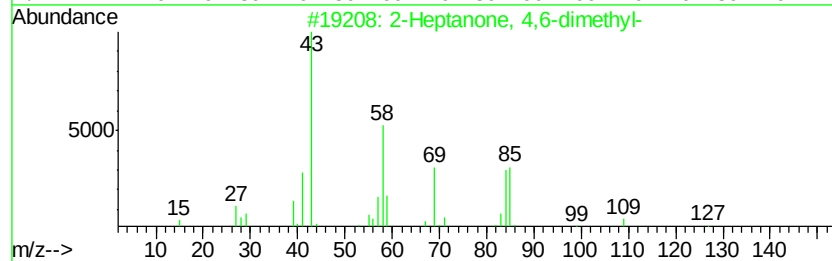
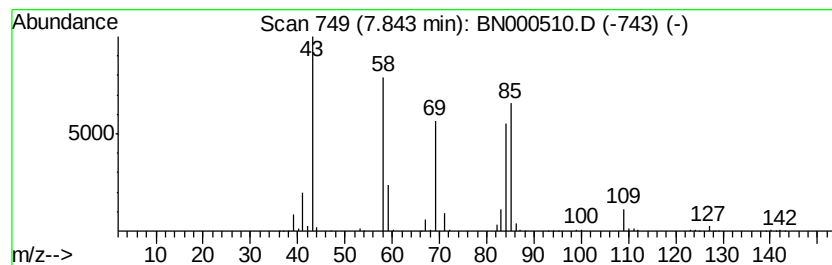
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 2-Heptanone, 4,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	117.43 ng/ul	16837200	1,4-Dichlorobenzene-d4	8.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	59
2			Thiazole	85	C3H3NS	000288-47-1	37
3			Thiazole	85	C3H3NS	000288-47-1	32
4			Propanoic acid, 2-(hydroxymino)...	117	C4H7NO3	005634-53-7	25
5			Trimethylamine	59	C3H9N	000075-50-3	25



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
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Acq On : 21 Mar 2018 01:19
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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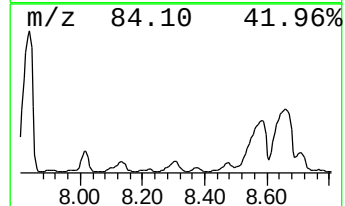
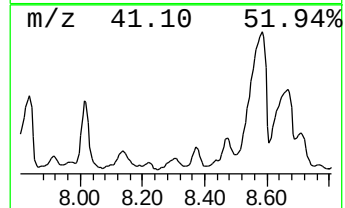
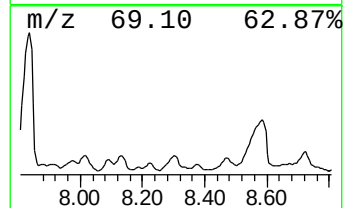
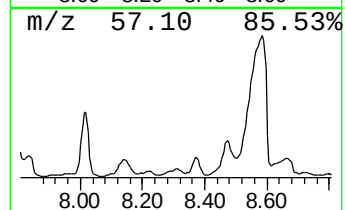
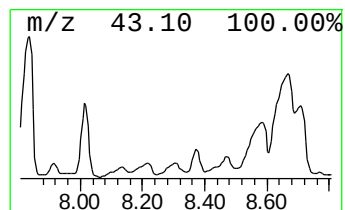
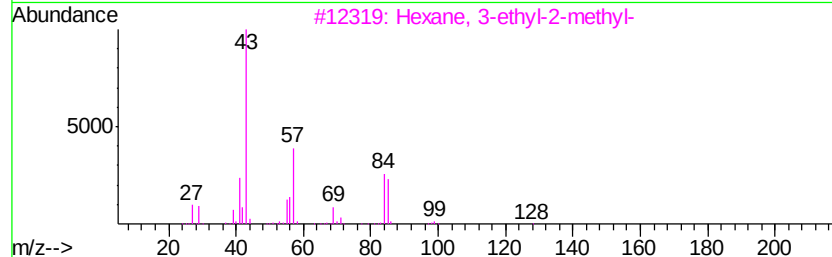
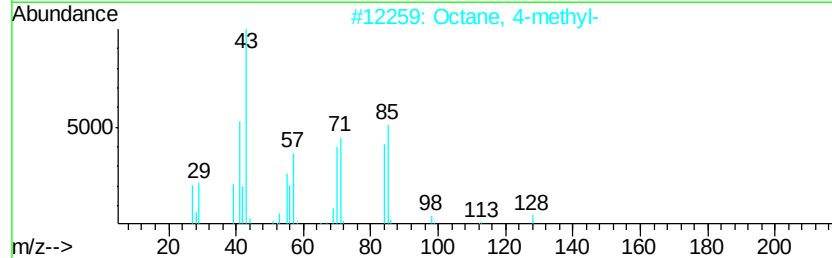
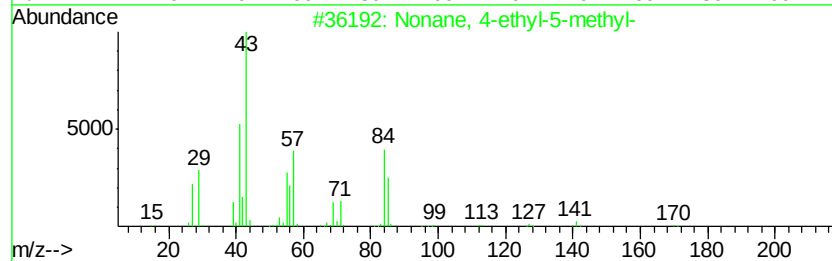
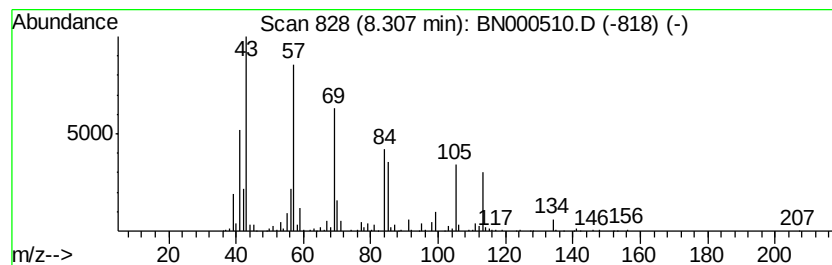
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	18.49 ng/ul	2651450	1,4-Dichlorobenzene-d4	8.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4-ethyl-5-methyl-	170	C12H26	001632-71-9	47
2		Octane, 4-methyl-	128	C9H20	002216-34-4	43
3		Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	43
4		Undecane, 2-methyl-	170	C12H26	007045-71-8	38
5		Tetradecane	198	C14H30	000629-59-4	38



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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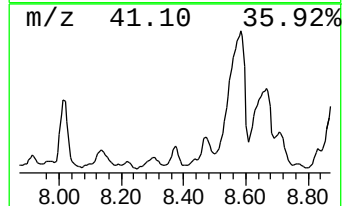
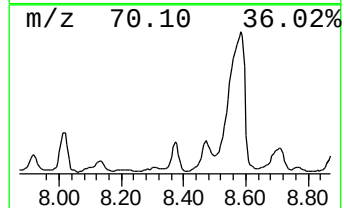
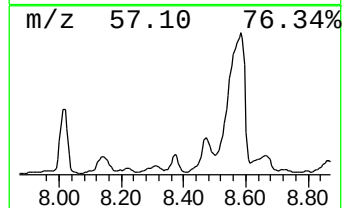
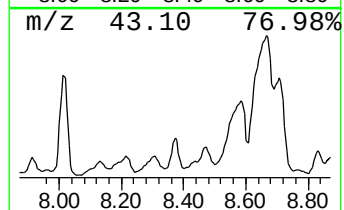
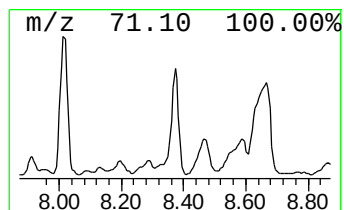
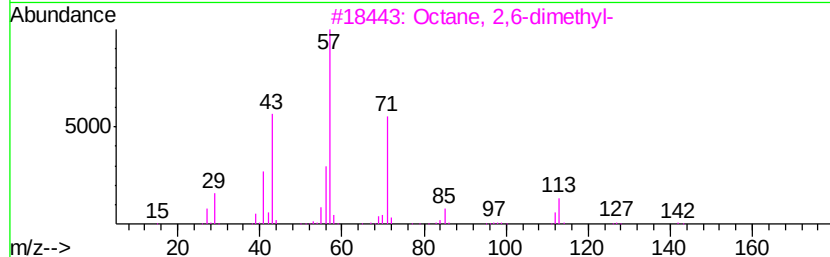
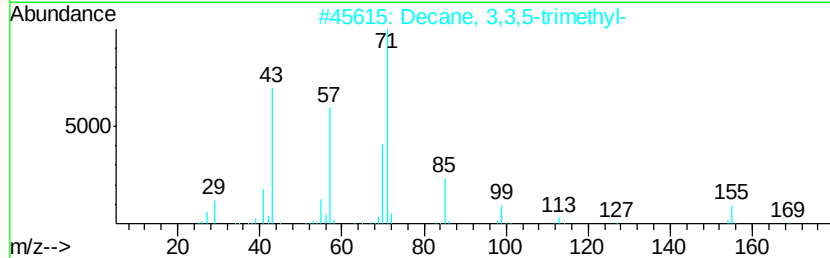
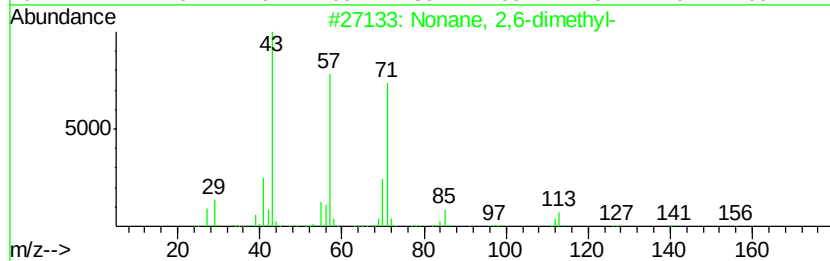
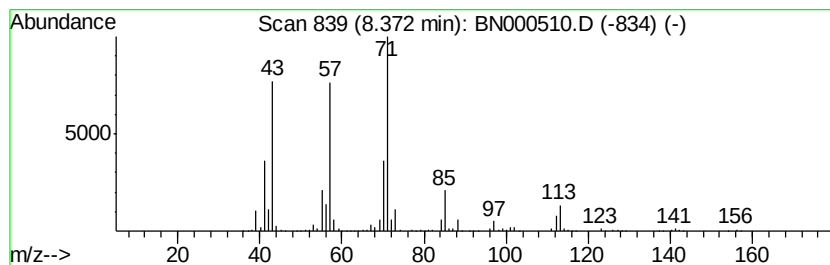
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	19.55 ng/ul	2802960	1,4-Dichlorobenzene-d4	8.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	81
2		Decane, 3,3,5-trimethyl-	184	C13H28	062338-13-0	64
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
4		Hexane, 3,3,4,4-tetramethyl-	142	C10H22	005171-84-6	53
5		Decane, 4-methyl-	156	C11H24	002847-72-5	53



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
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Operator : JU/SJ
Sample : J1905-14
Misc :
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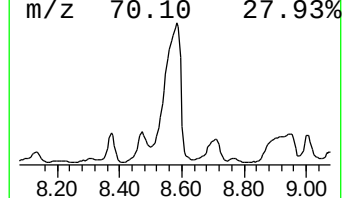
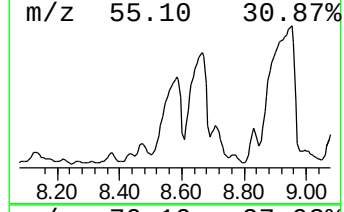
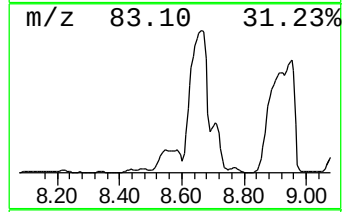
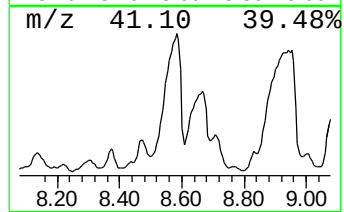
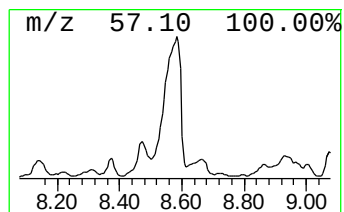
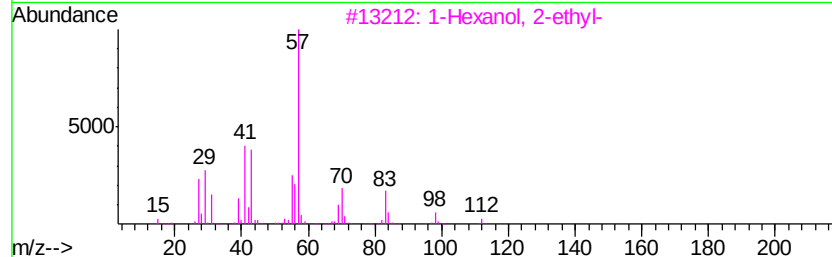
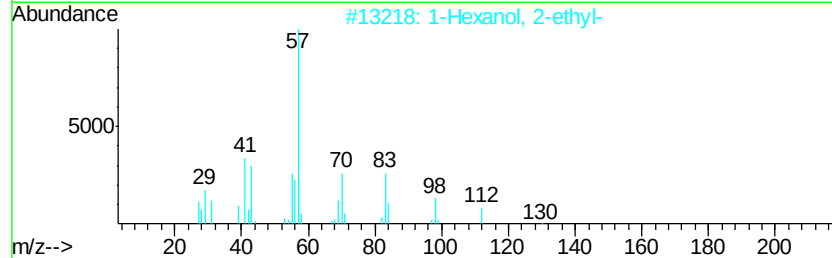
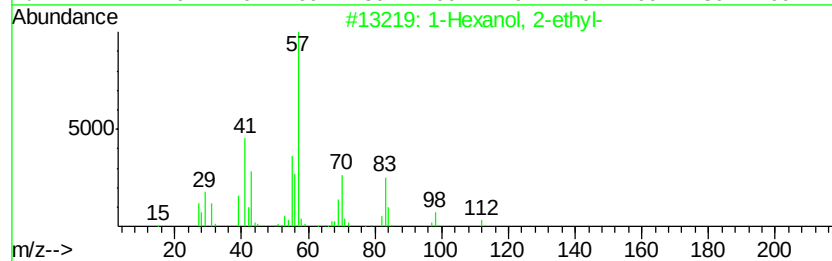
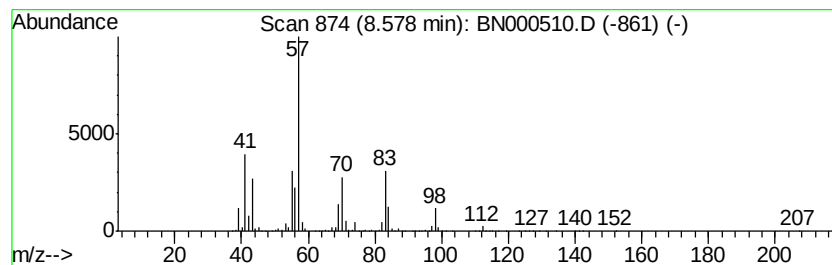
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	237.55 ng/ul	34059600	1,4-Dichlorobenzene-d4	8.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Hexanol, 2-ethyl-	130 C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130 C8H18O	000104-76-7	83
3	1-Hexanol, 2-ethyl-	130 C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl-	130 C8H18O	000104-76-7	72
5	3-Undecene, 6-methyl-, (E)-	168 C12H24	074630-52-7	50



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
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Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

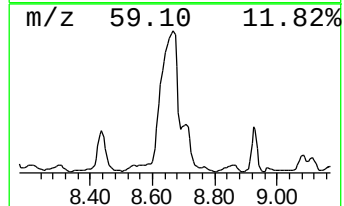
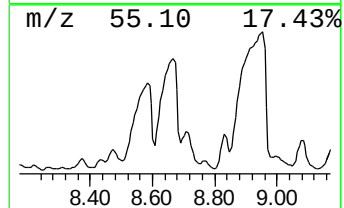
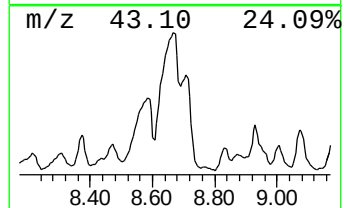
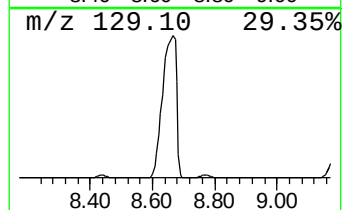
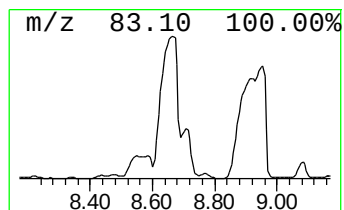
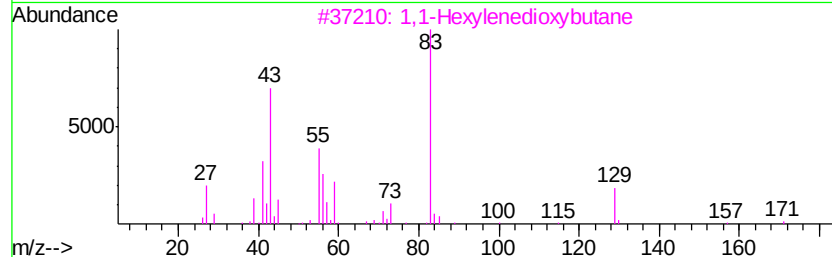
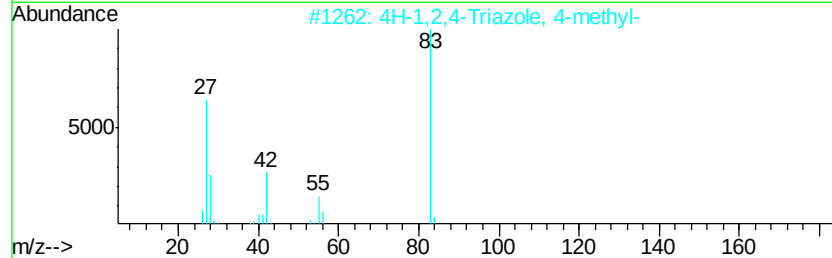
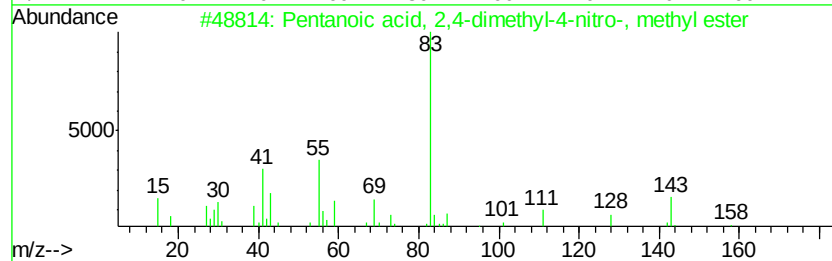
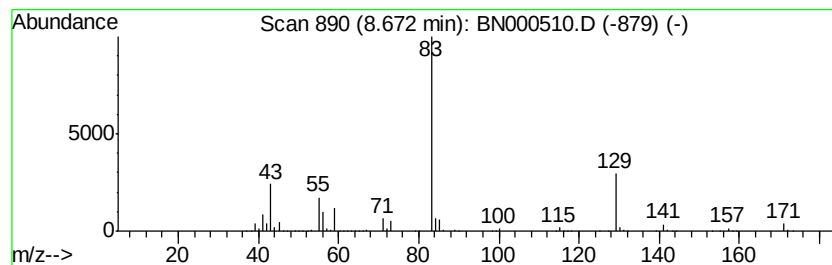
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 unknown-05 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	236.65 ng/ul	33931200	1,4-Dichlorobenzene-d4	8.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentanoic acid, 2,4-dimethyl-4-n...	189 C8H15NO4	005762-40-3 45
2		4H-1,2,4-Triazole, 4-methyl-	83 C3H5N3	010570-40-8 40
3		1,1-Hexylenedioxybutane	172 C10H20O2	1000249-77-4 40
4		1-Propanone, 1-cyclohexyl-	140 C9H16O	001123-86-0 33
5		.alpha.-Amino-2,5-dihydro-5-meth...	157 C7H11NO3	018455-25-9 33



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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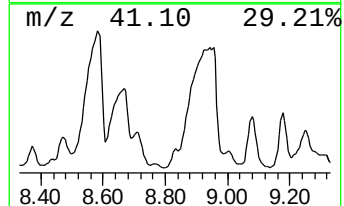
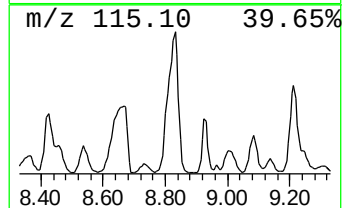
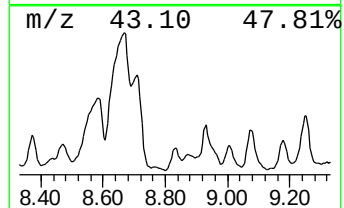
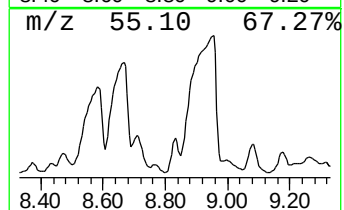
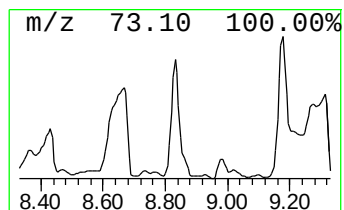
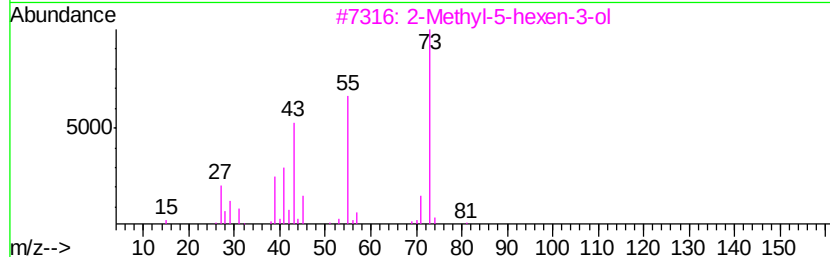
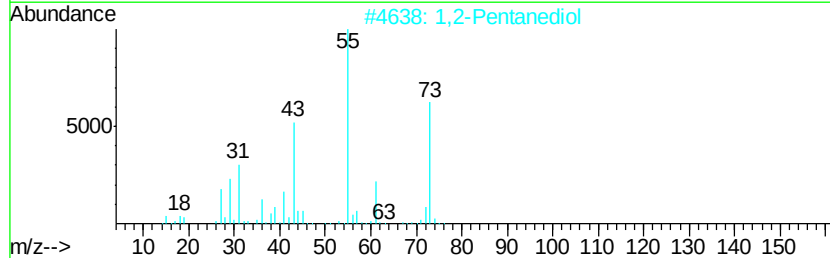
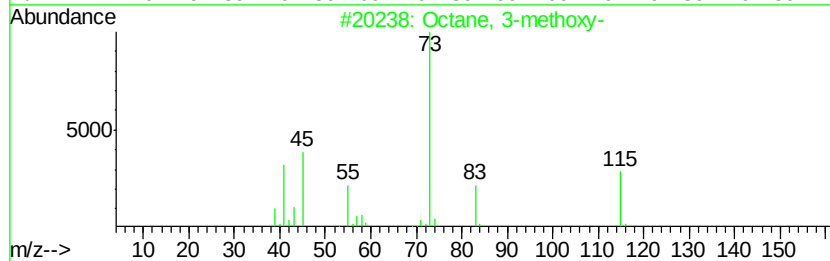
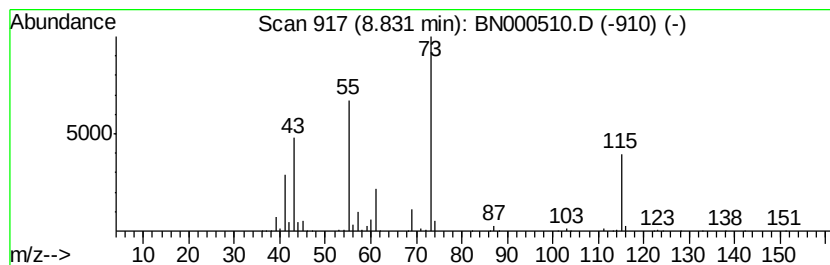
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 unknown-06 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	17.54 ng/ul	2514350	1,4-Dichlorobenzene-d4	8.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-methoxy-	144	C9H20O	054658-02-5	38
2		1,2-Pentanediol	104	C5H12O2	005343-92-0	38
3		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12
4		1,2-Pentanediol	104	C5H12O2	005343-92-0	12
5		D-Mannotetradecane-1,2,3,4,5-pen...	278	C14H30O5	188436-16-0	12



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
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Acq On : 21 Mar 2018 01:19
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Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

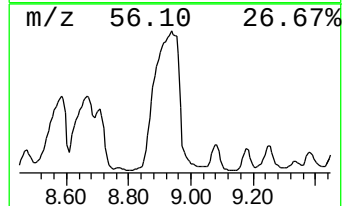
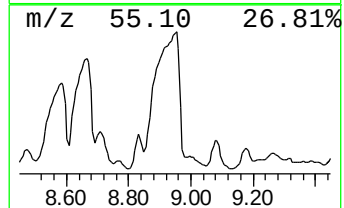
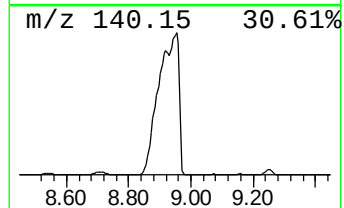
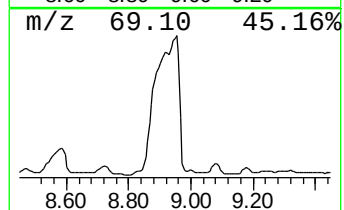
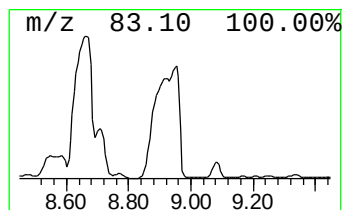
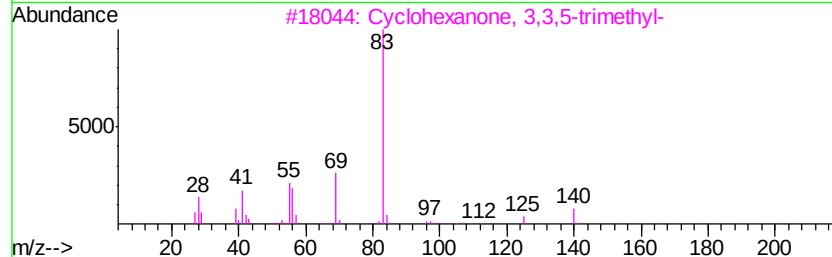
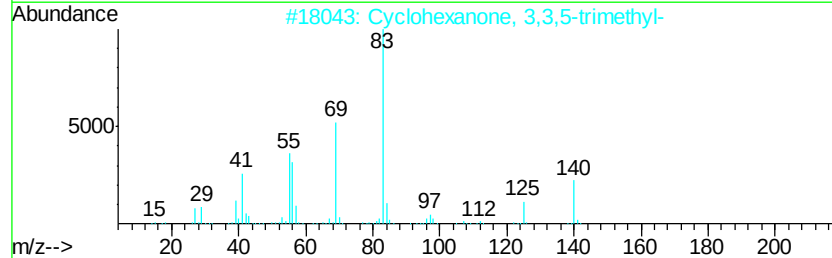
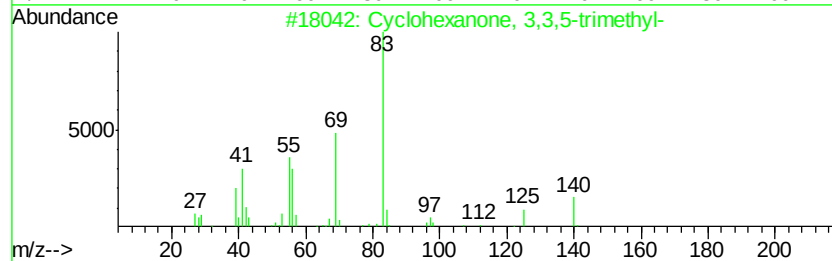
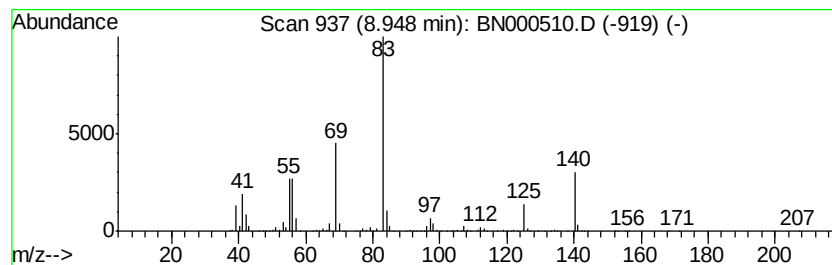
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Cyclohexanone, 3,3,5-trimet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.95	501.66 ng/ul	71928000	1,4-Dichlorobenzene-d4	8.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	87
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	72
4	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	50
5	4-Hexen-3-one, 5-methyl-	112	C7H12O	013905-10-7	43



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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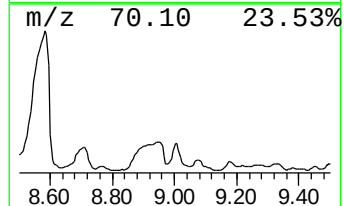
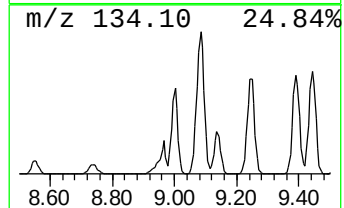
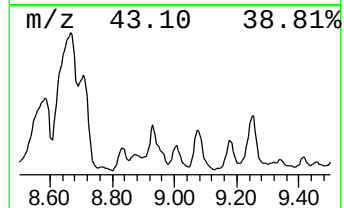
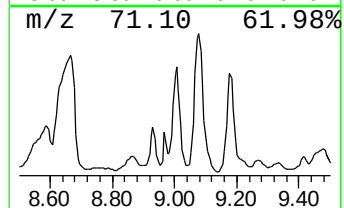
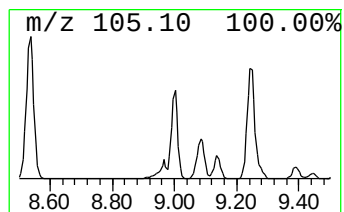
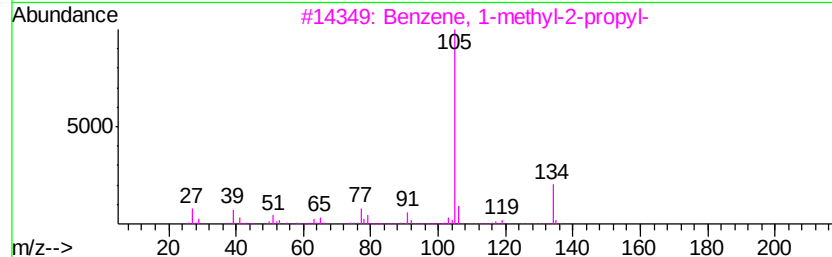
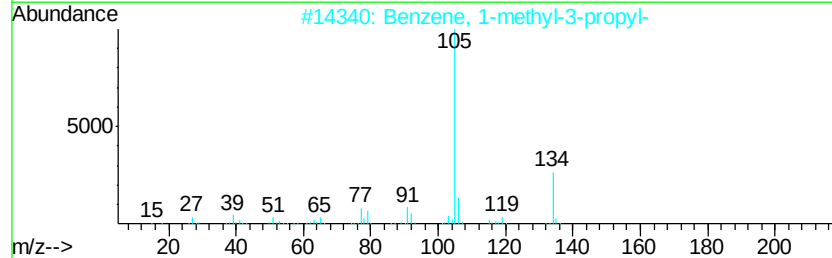
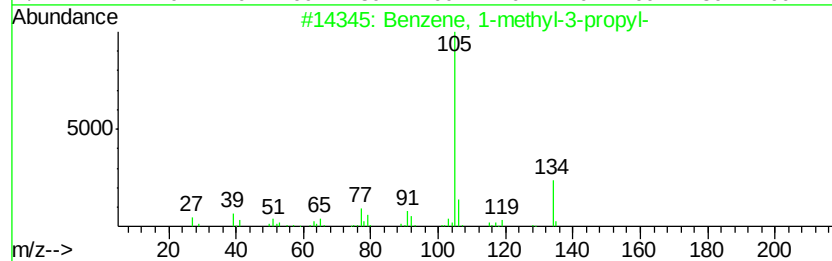
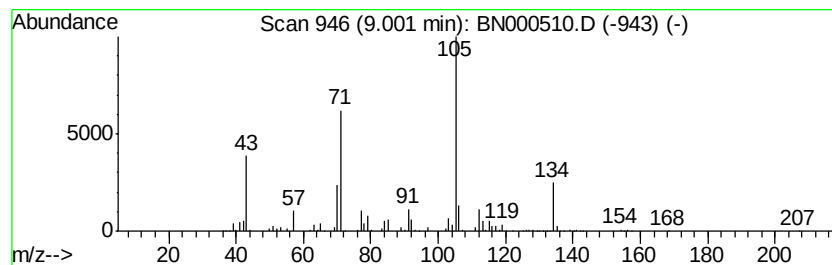
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Benzene, 1-methyl-3-propyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	28.35 ng/ul	4064620	1,4-Dichlorobenzene-d4	8.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	86
2		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	83
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	46
4		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	46
5		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	46



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
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Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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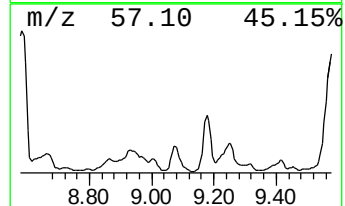
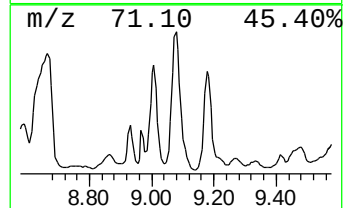
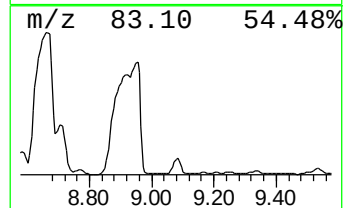
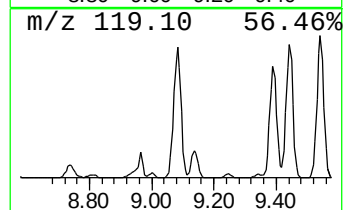
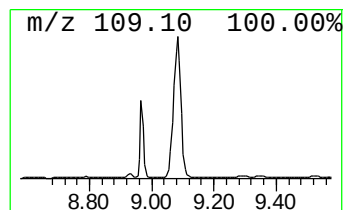
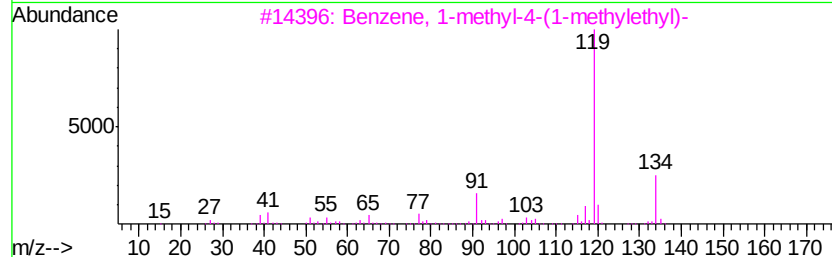
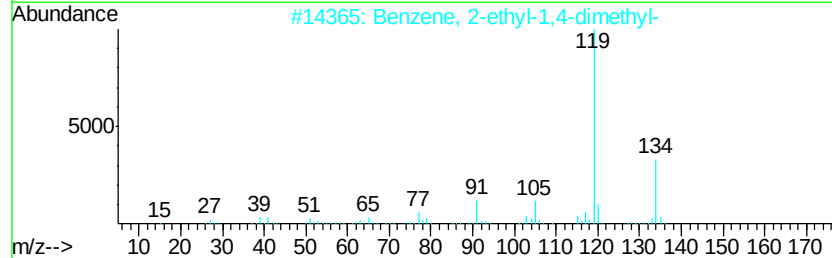
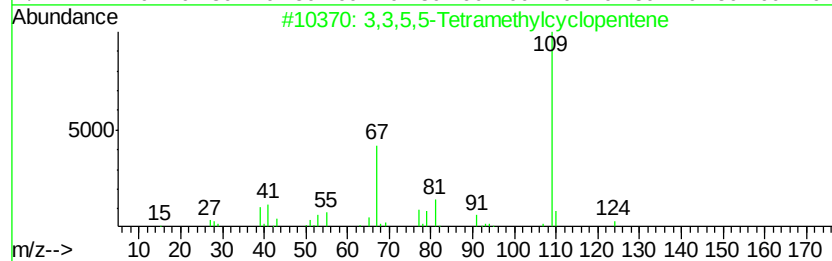
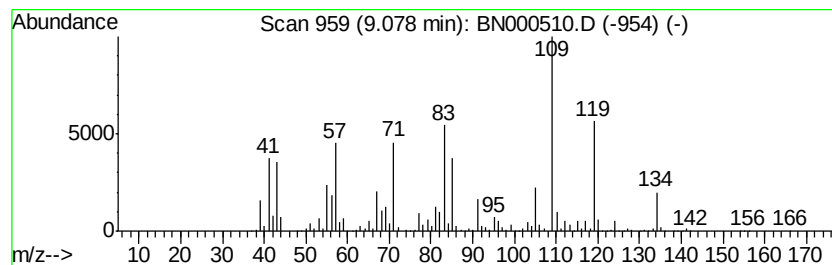
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 unknown-07 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	90.12 ng/ul	12922000	1,4-Dichlorobenzene-d4	8.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,3,5,5-Tetramethylcyclopentene	124	C9H16	038667-10-6	30
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	25
3		Benzene, 1-methyl-4-(1-methylethyl)-	134	C10H14	000099-87-6	25
4		Benzene, 1-methyl-2-(1-methylethyl)-	134	C10H14	000527-84-4	25
5		1,3,8-p-Menthatriene	134	C10H14	021195-59-5	25



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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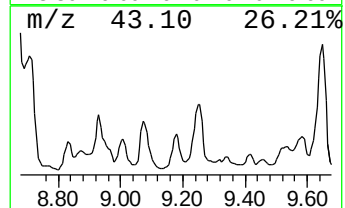
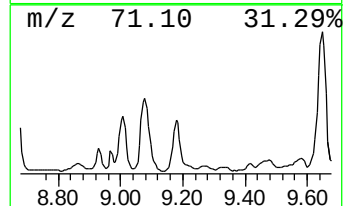
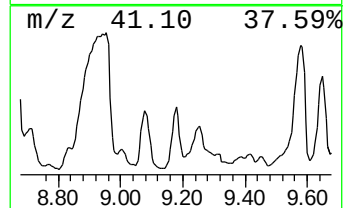
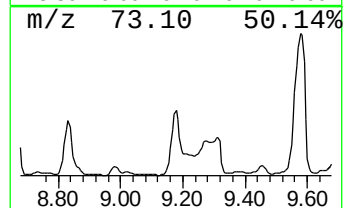
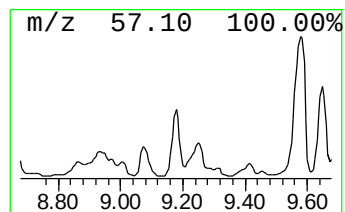
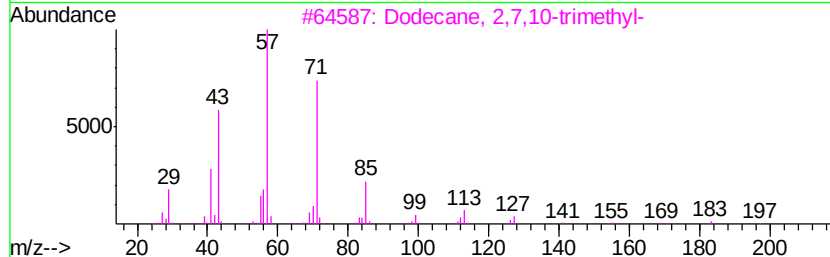
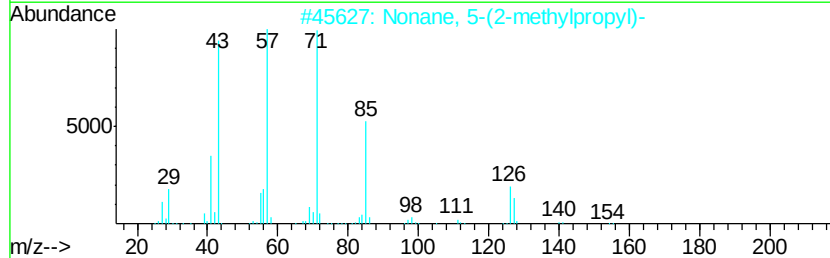
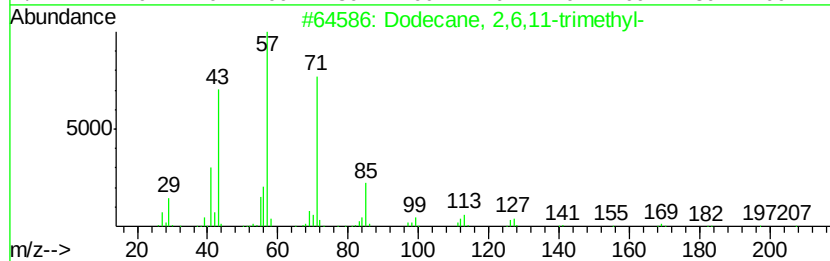
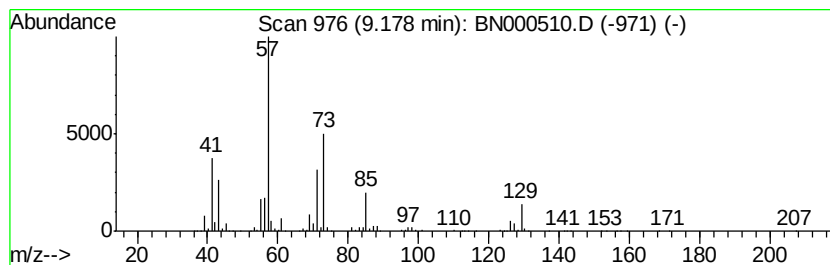
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	40.08 ng/ul	5747200	1,4-Dichlorobenzene-d4	8.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	47
2		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	43
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	43
4		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	40
5		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	38



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
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Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

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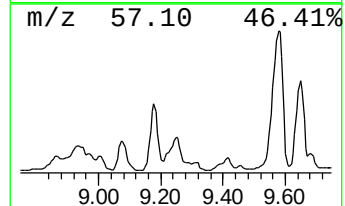
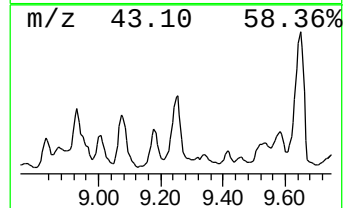
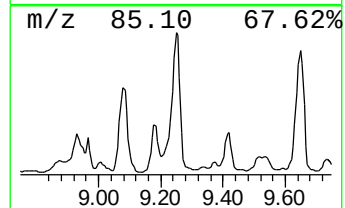
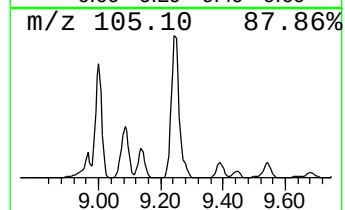
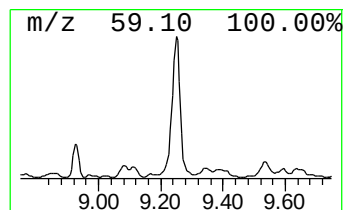
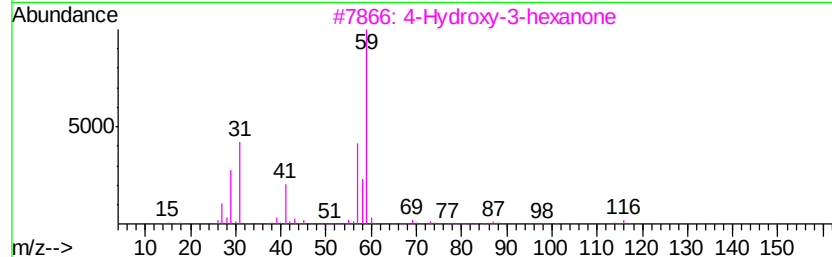
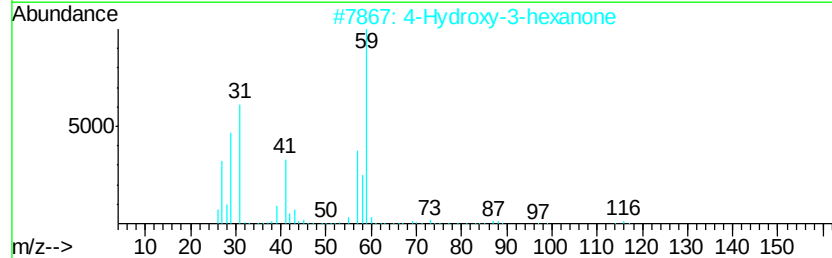
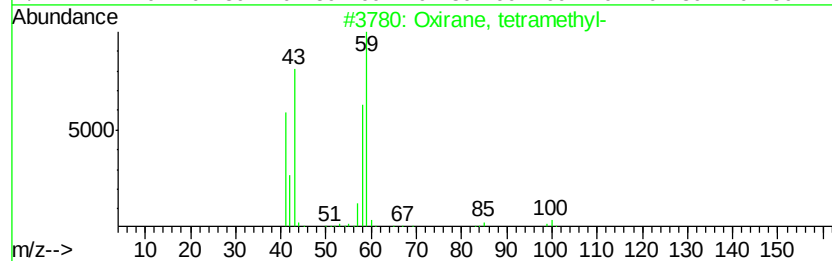
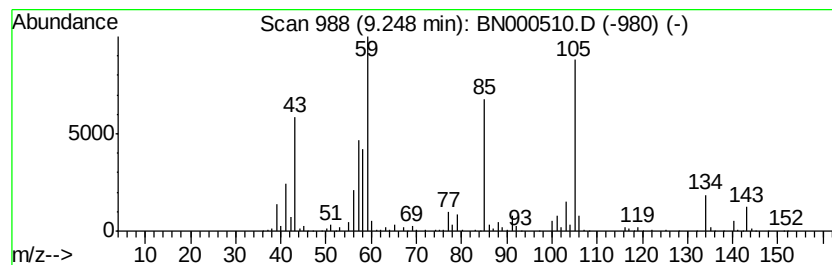
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 unknown-08 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	68.31 ng/ul	9793850	1,4-Dichlorobenzene-d4	8.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	32
2		4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	30
3		4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	27
4		Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	25
5		Butanoic acid, 3-hydroxy-3-methyl-	118	C5H10O3	000625-08-1	25



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

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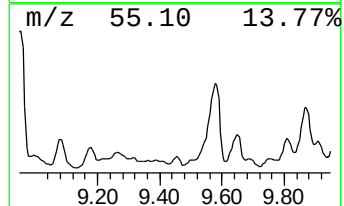
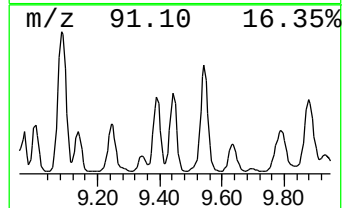
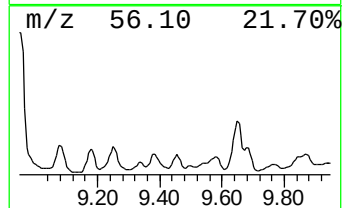
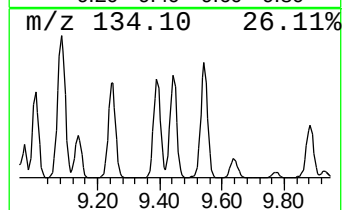
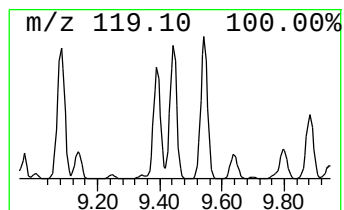
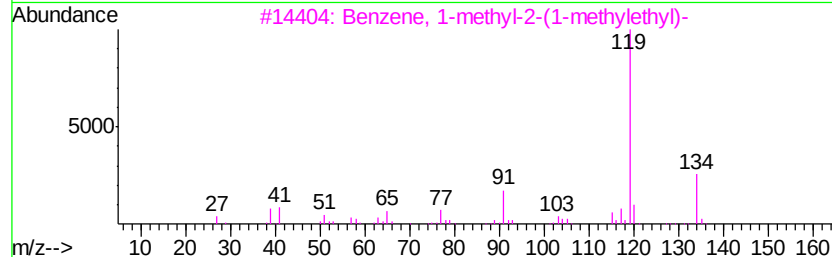
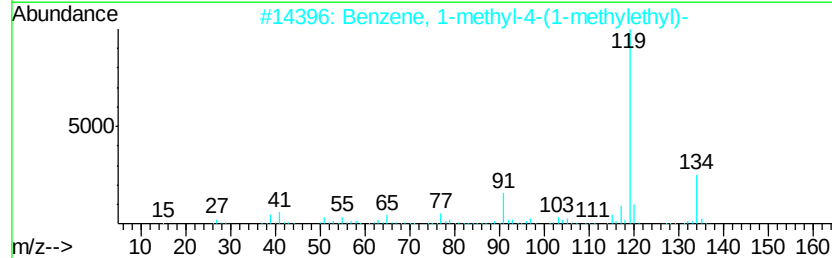
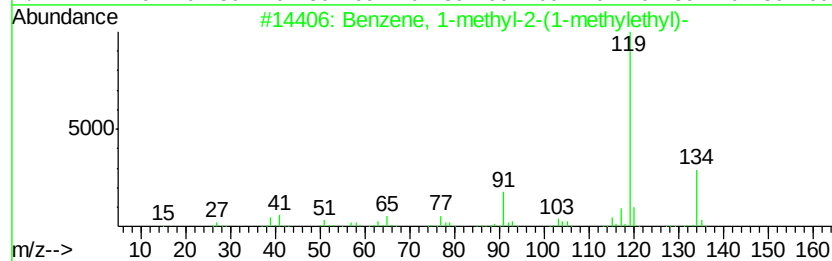
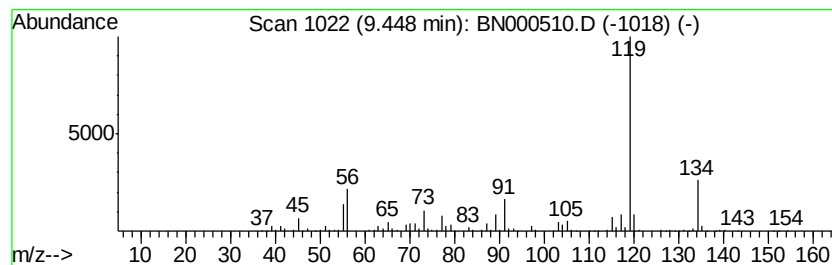
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Benzene, 1-methyl-2-(1-meth... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	21.04 ng/ul	3017250	1,4-Dichlorobenzene-d4	8.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
2		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	93
3		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
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Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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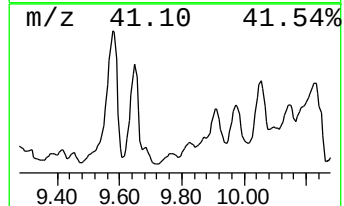
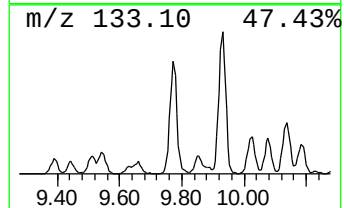
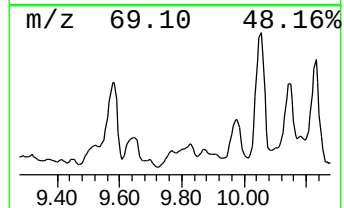
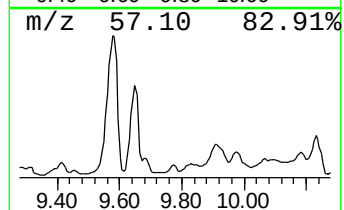
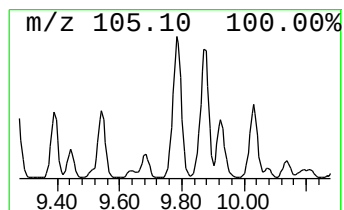
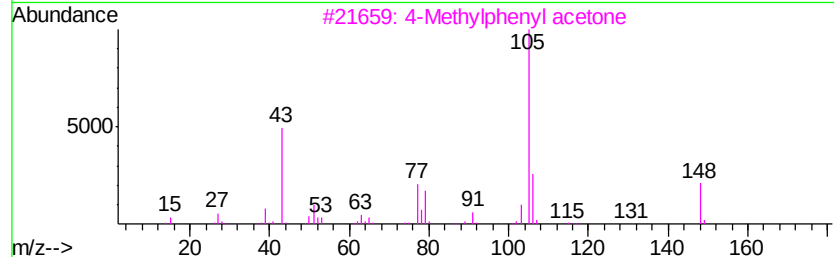
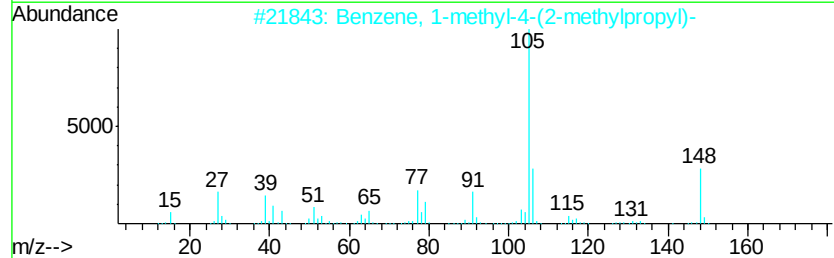
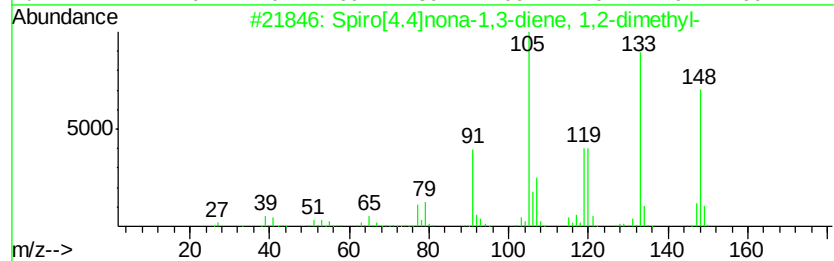
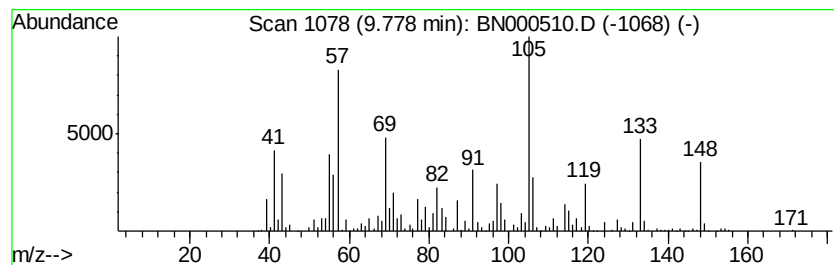
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 unknown-09 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	19.64 ng/ul	2815660	1,4-Dichlorobenzene-d4	8.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Spino[4.4]nona-1,3-diene, 1,2-di...	148	C11H16	1000163-57-6	43
2		Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	38
3		4-Methylphenyl acetone	148	C10H12O	002096-86-8	38
4		Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	35
5		2-Methylindan-2-ol	148	C10H12O	033223-84-6	30



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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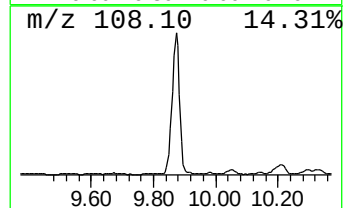
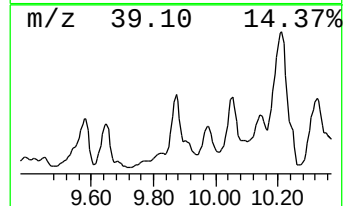
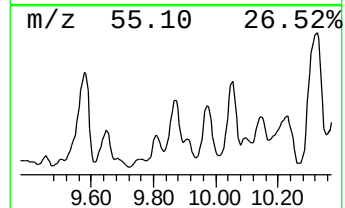
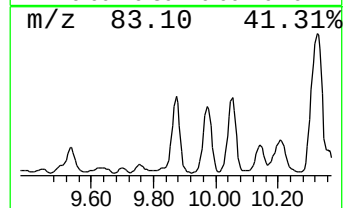
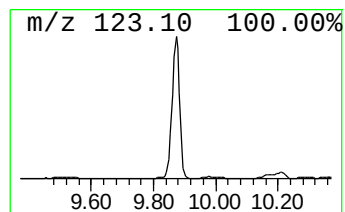
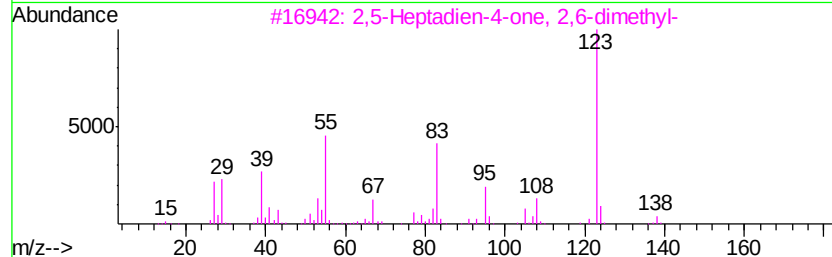
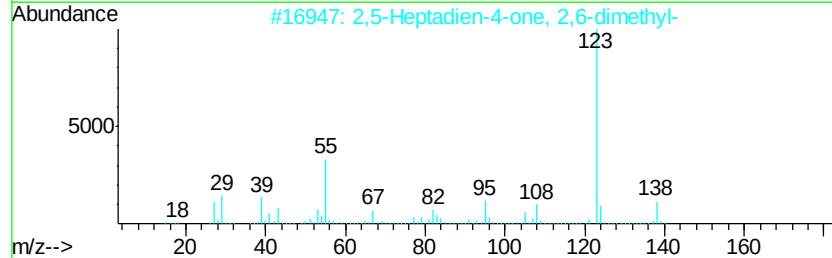
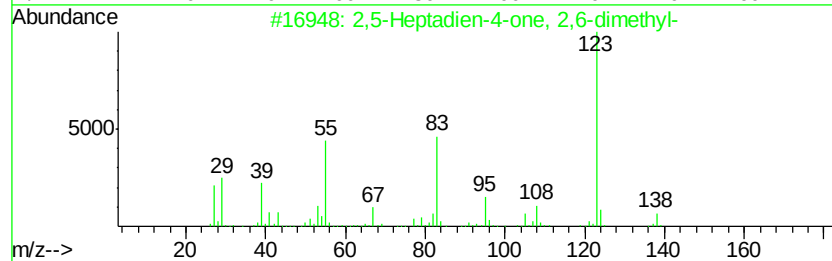
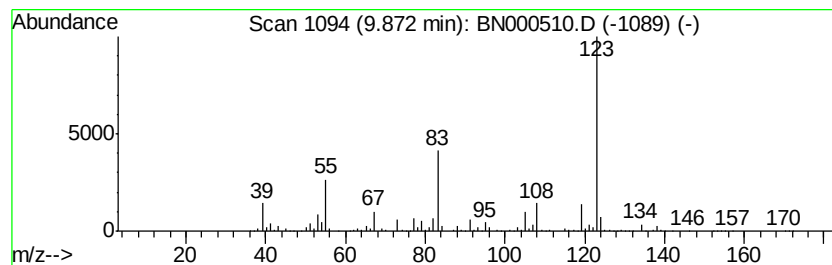
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 unknown-11 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	40.16 ng/ul	8305590	Napthalene-d8	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,5-Heptadien-4-one, 2,6-dimethyl-	138	C9H14O	000504-20-1	43
2		2,5-Heptadien-4-one, 2,6-dimethyl-	138	C9H14O	000504-20-1	38
3		2,5-Heptadien-4-one, 2,6-dimethyl-	138	C9H14O	000504-20-1	38
4		5-t-Butyl-4-methylimidazole	138	C8H14N2	146979-50-2	37
5		4-Pyridinecarboxylic acid	123	C6H5NO2	000055-22-1	37



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM49

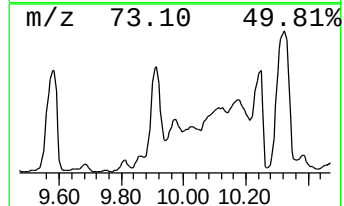
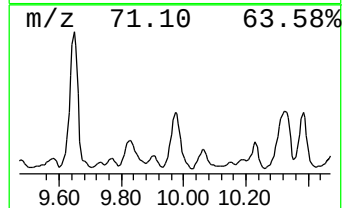
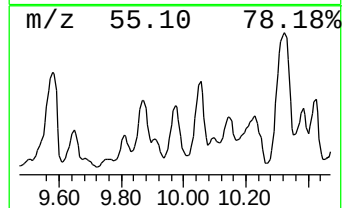
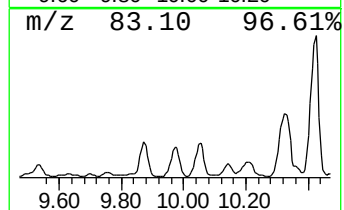
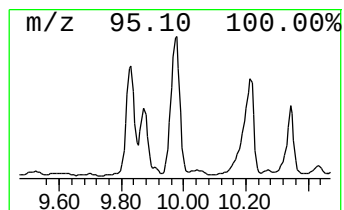
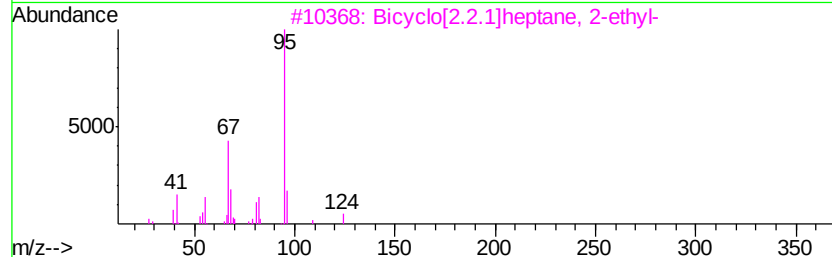
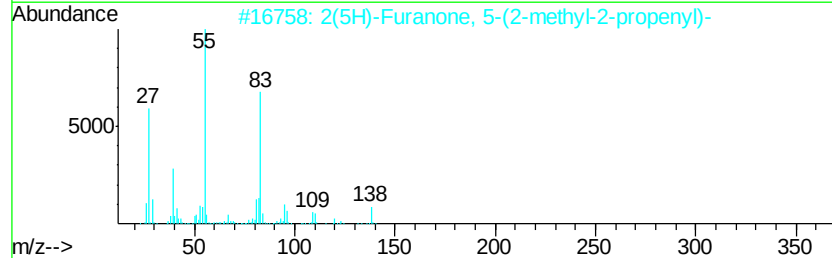
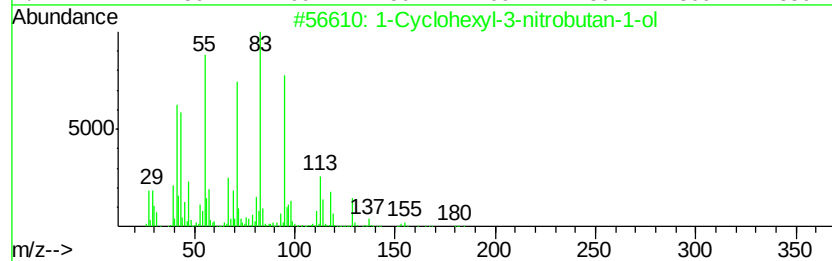
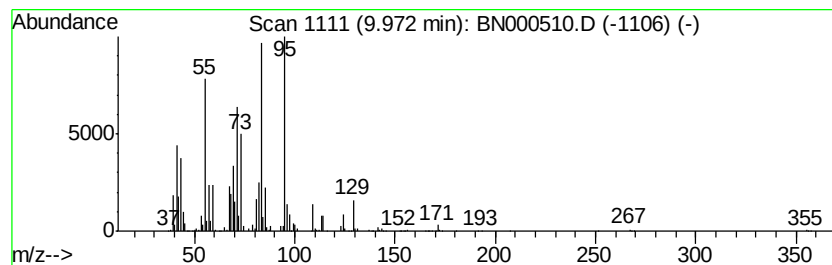
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 unknown-12 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	37.07 ng/ul	7667720	Napthalene-d8	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Cyclohexyl-3-nitrobutan-1-ol	201	C10H19NO3	1000195-46-2	25
2		2(5H)-Furanone, 5-(2-methyl-2-propenyl)-	138	C8H10O2	1000155-86-2	25
3		Bicyclo[2.2.1]heptane, 2-ethyl-	124	C9H16	002146-41-0	22
4		2-Isopropyl-1-pyrroline	111	C7H13N	000872-81-1	22
5		2,6-Dimethyl-6-nitro-2-hepten-4-one	185	C9H15NO3	073583-56-9	14



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM49

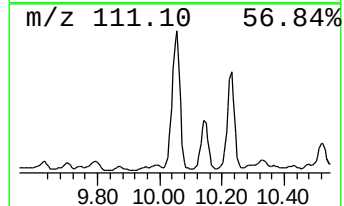
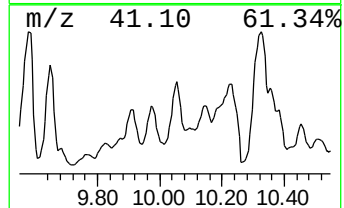
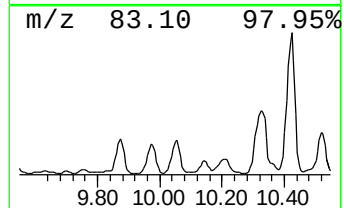
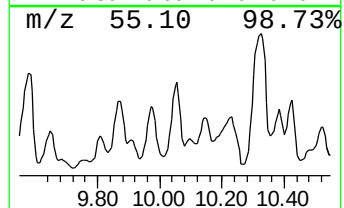
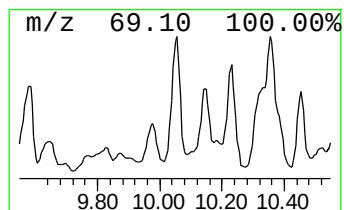
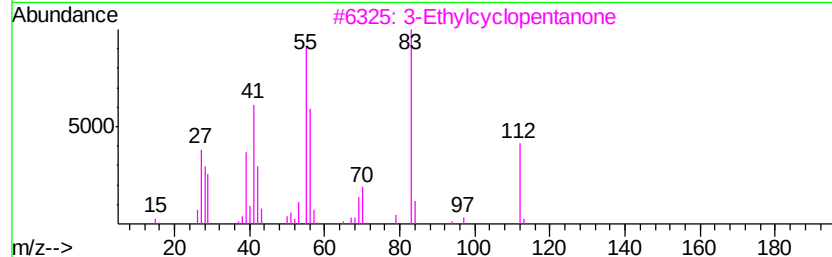
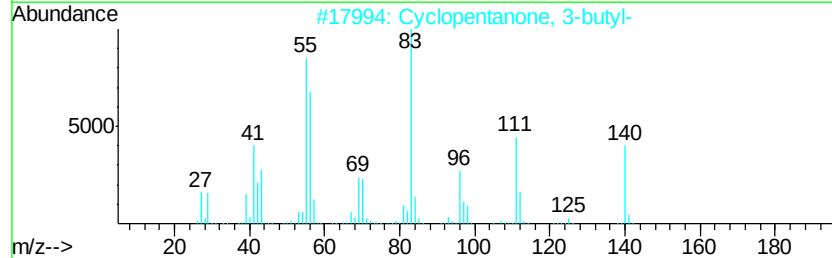
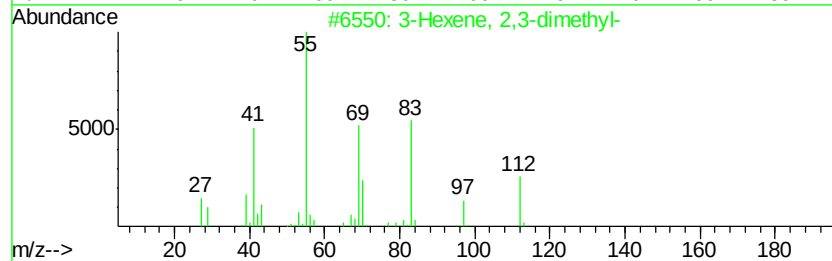
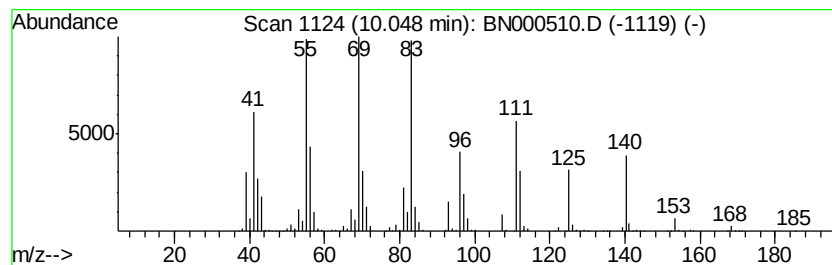
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 (DEL) Alkane: Cyclic10.05 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	60.82 ng/ul	12579800	Napthalene-d8	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Hexene, 2,3-dimethyl-	112	C8H16	007145-23-5	86
2		Cyclopentanone, 3-butyl-	140	C9H16O	057283-81-5	49
3		3-Ethylcyclopentanone	112	C7H12O	010264-55-8	42
4		3-Heptene, 4-methyl-	112	C8H16	004485-16-9	35
5		3-Heptene, 4-methyl-	112	C8H16	004485-16-9	30



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM49

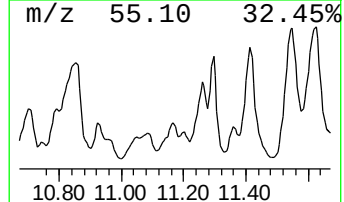
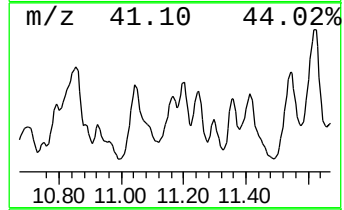
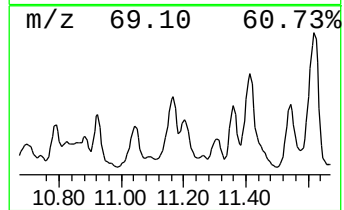
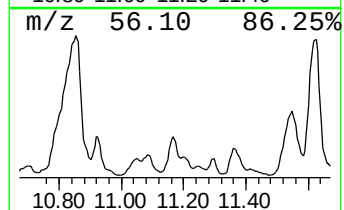
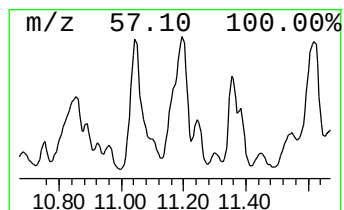
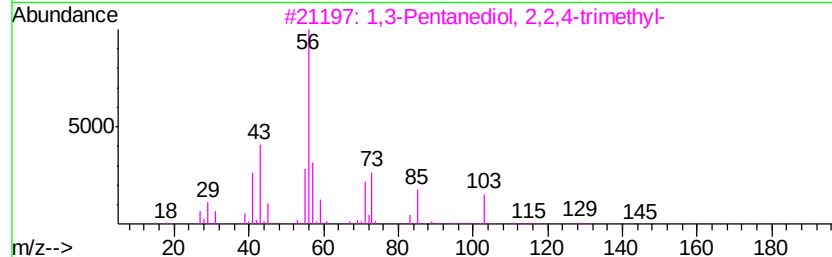
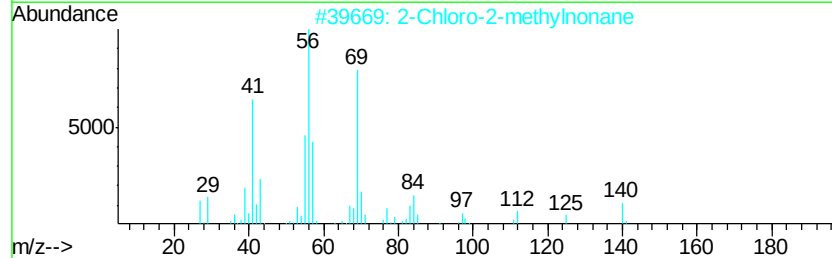
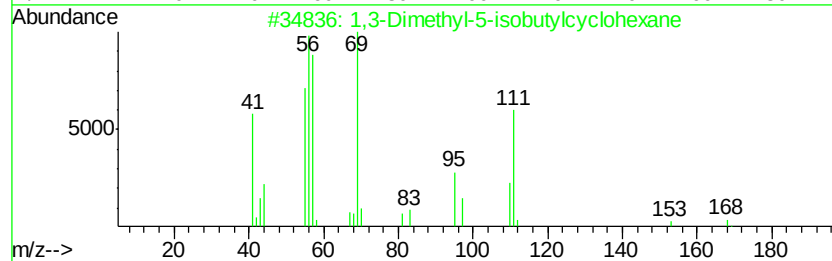
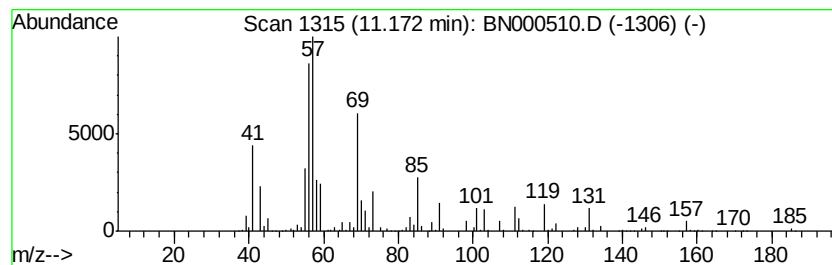
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Quant Title : SVOA CALIBRATION

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

Peak Number 41 (DEL) Alkane: Cyclic11.17 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	30.28 ng/ul	6262610	Napthalene-d8	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Dimethyl-5-isobutylcyclohexane	168	C12H24	013131-76-5	38
2		2-Chloro-2-methylnonane	176	C10H21Cl	004325-50-2	37
3		1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	35
4		2-Methyl-3-decanol	172	C11H24O	083909-79-9	27
5		1-Butanol, 3,3-dimethyl-	102	C6H14O	000624-95-3	16



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM49

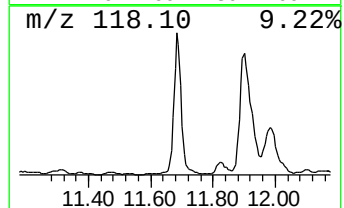
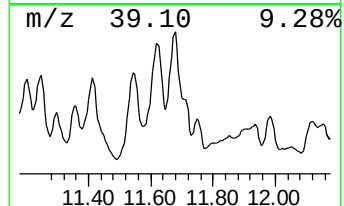
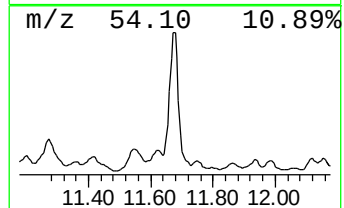
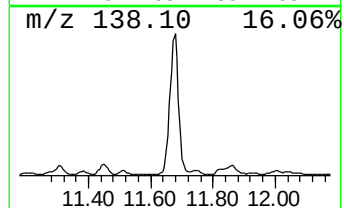
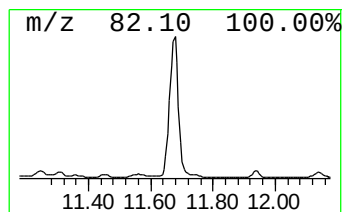
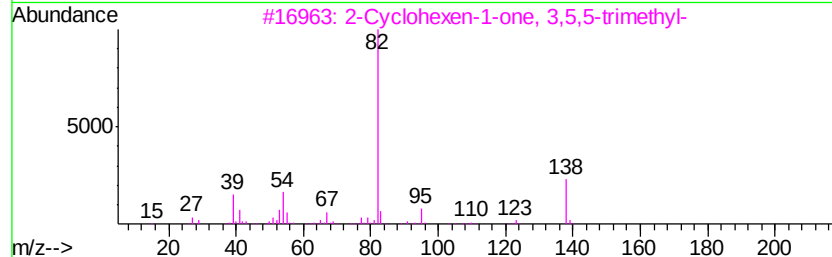
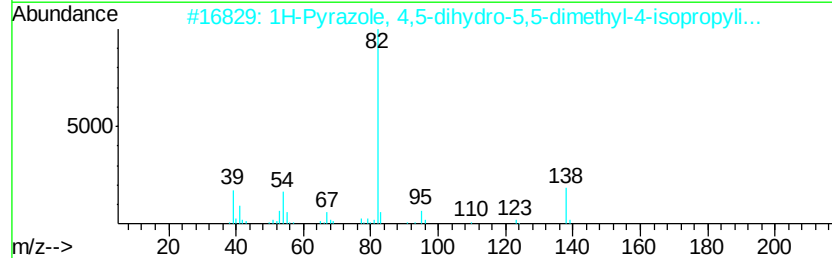
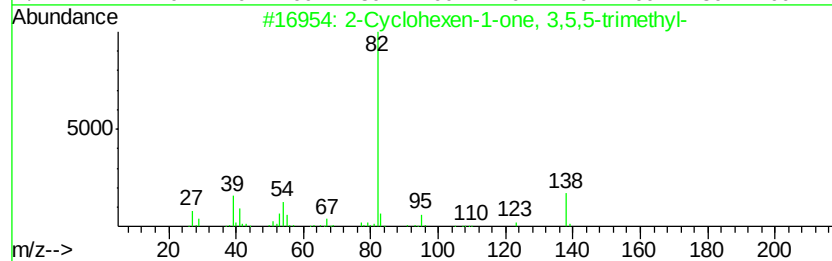
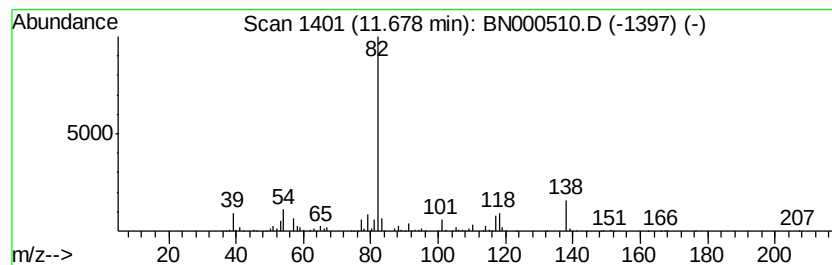
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Quant Title : SVOA CALIBRATION

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

Peak Number 46 2-Cyclohexen-1-one, 3,5,5-t... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	17.16 ng/ul	3548990	Napthalene-d8	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Cyclohexen-1-one, 3,5,5-trimet...	138	C9H14O	000078-59-1	64
2		1H-Pyrazole, 4,5-dihydro-5,5-dim...	138	C8H14N2	106251-09-6	64
3		2-Cyclohexen-1-one, 3,5,5-trimet...	138	C9H14O	000078-59-1	59
4		2-Cyclohexen-1-one, 3,5,5-trimet...	138	C9H14O	000078-59-1	59
5		2-Cyclohexen-1-one, 3,5,5-trimet...	138	C9H14O	000078-59-1	45



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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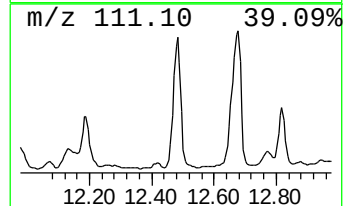
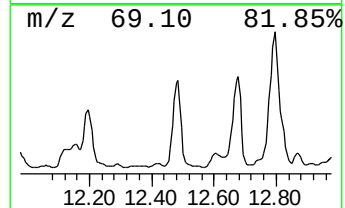
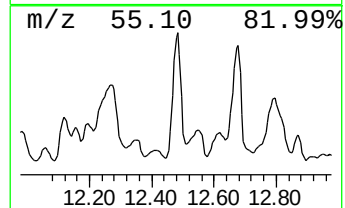
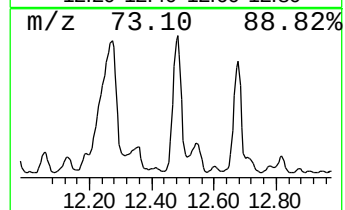
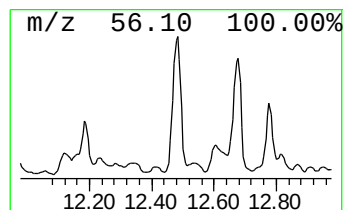
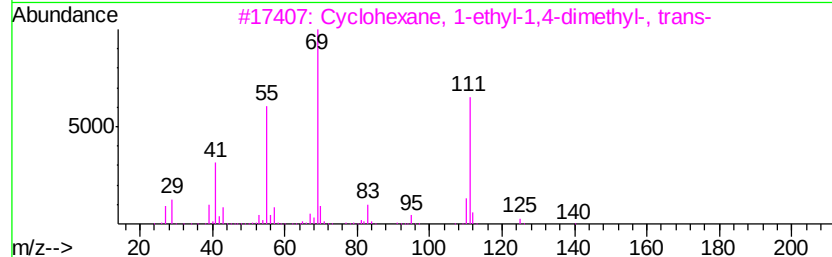
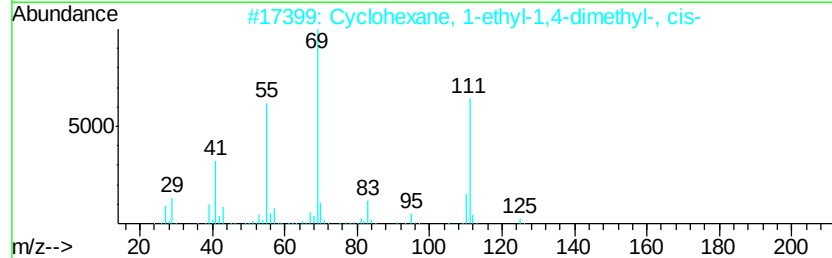
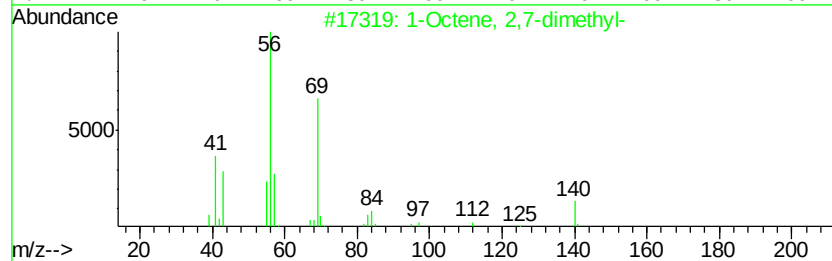
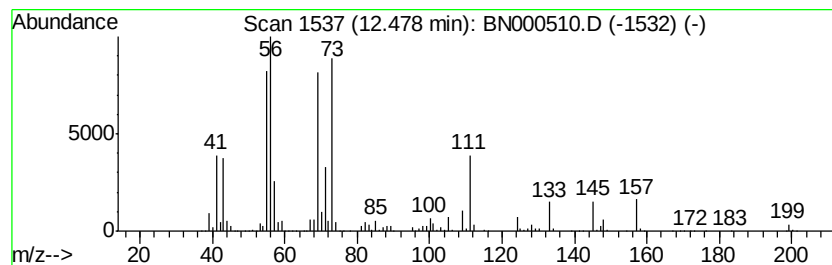
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Quant Title : SVOA CALIBRATION

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

Peak Number 52 (DEL) Alkane: Cyclic12.48 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	52.54 ng/ul	10867100	Napthalene-d8	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octene, 2,7-dimethyl-	140	C10H20	033718-03-5	43
2		Cyclohexane, 1-ethyl-1,4-dimethyl...	140	C10H20	062238-30-6	38
3		Cyclohexane, 1-ethyl-1,4-dimethyl...	140	C10H20	062238-32-8	38
4		1-Heptene, 6-methyl-	112	C8H16	005026-76-6	38
5		Cyclohexane, 1-ethyl-1,3-dimethyl...	140	C10H20	062238-31-7	32



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM49

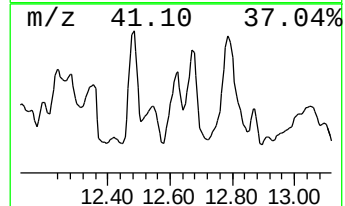
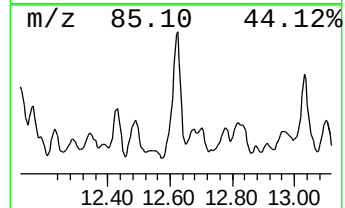
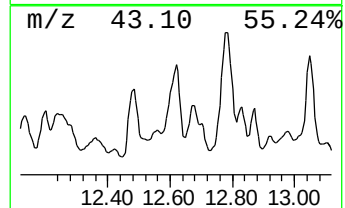
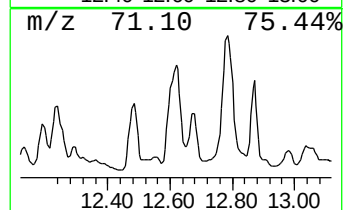
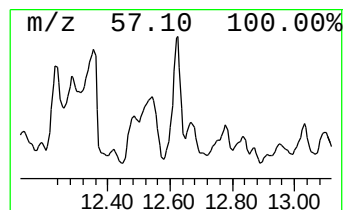
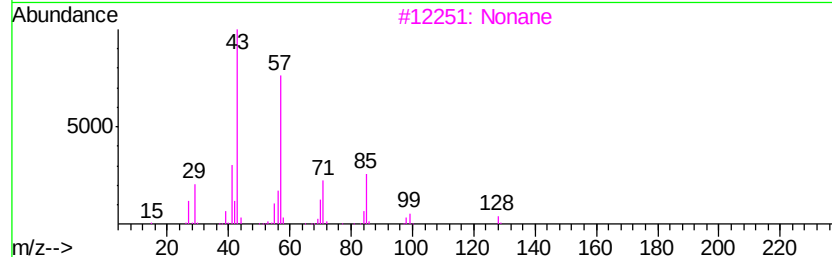
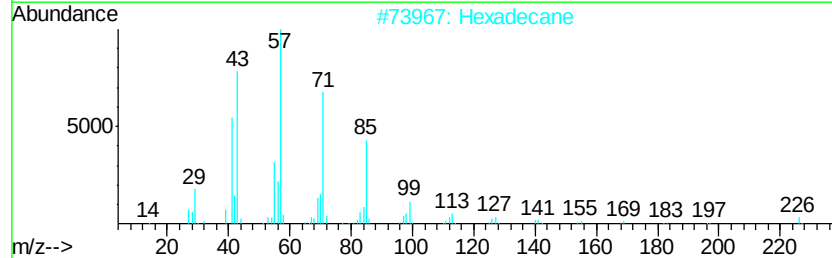
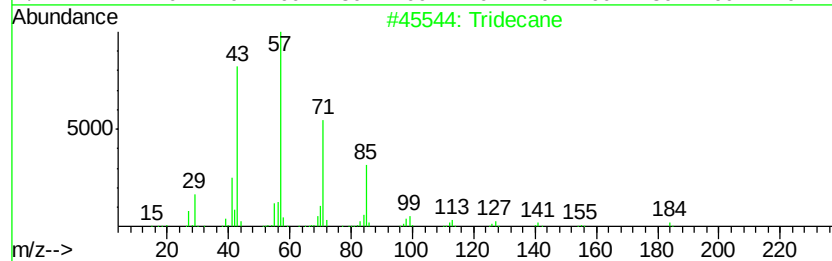
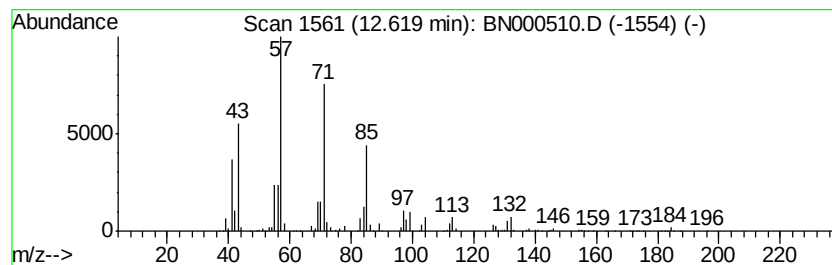
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Quant Title : SVOA CALIBRATION

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

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	28.41 ng/ul	5875840	Napthalene-d8	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	70
2		Hexadecane	226	C16H34	000544-76-3	62
3		Nonane	128	C9H20	000111-84-2	60
4		Dodecane	170	C12H26	000112-40-3	58
5		10-Methylnonadecane	282	C20H42	056862-62-5	58



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

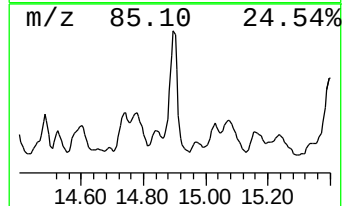
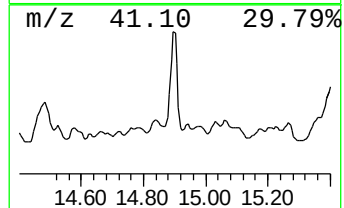
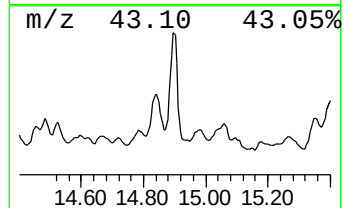
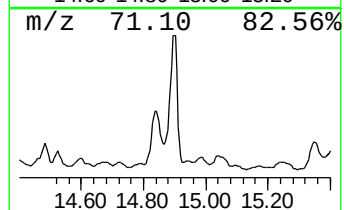
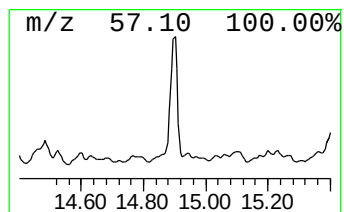
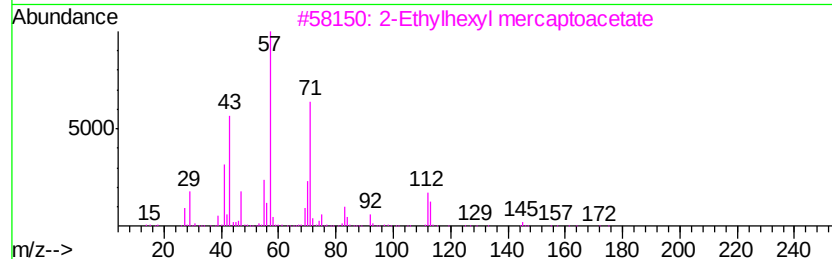
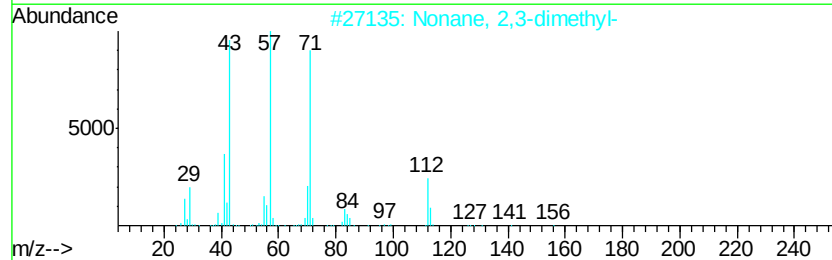
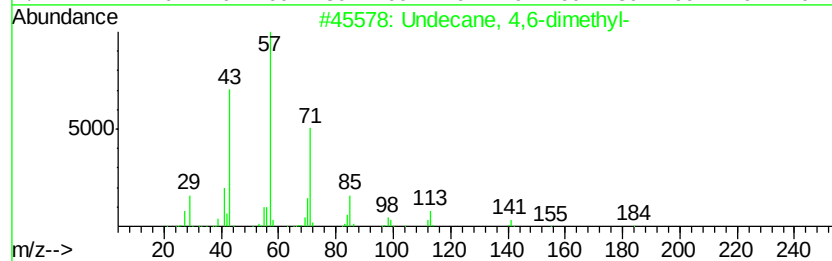
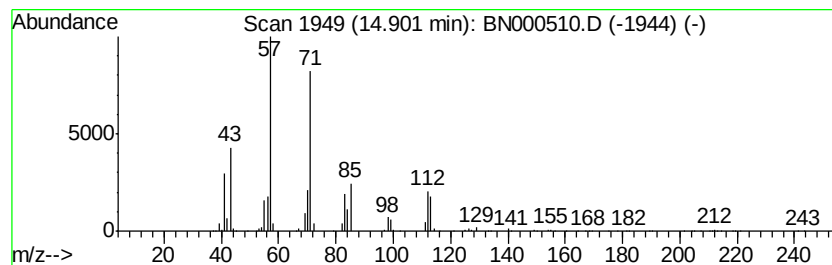
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	28.27 ng/ul	7314490	Acenaphthene-d10	15.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 4,6-dimethyl-	184 C13H28	017312-82-2	72
2	Nonane, 2,3-dimethyl-	156 C11H24	002884-06-2	64
3	2-Ethylhexyl mercaptoacetate	204 C10H20O2S	007659-86-1	59
4	Decane, 5-ethyl-5-methyl-	184 C13H28	017312-74-2	53
5	2-Undecene, 5-methyl-	168 C12H24	056851-34-4	53



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

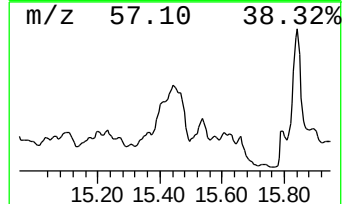
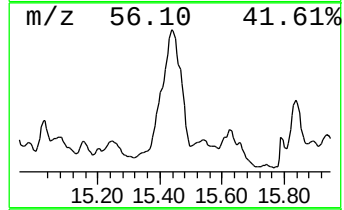
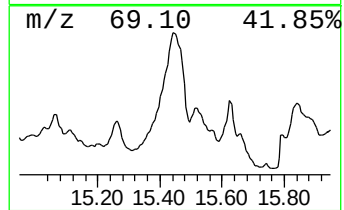
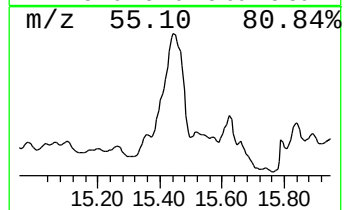
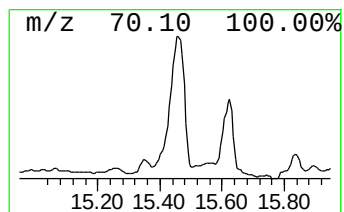
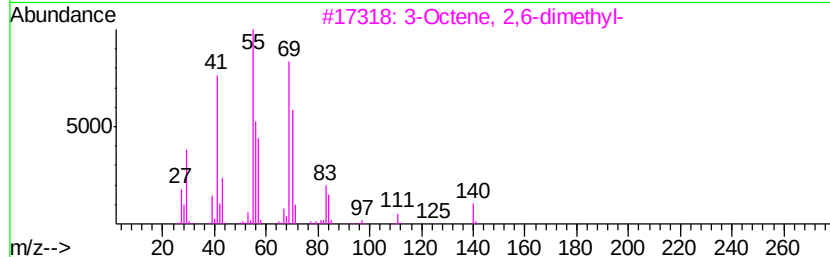
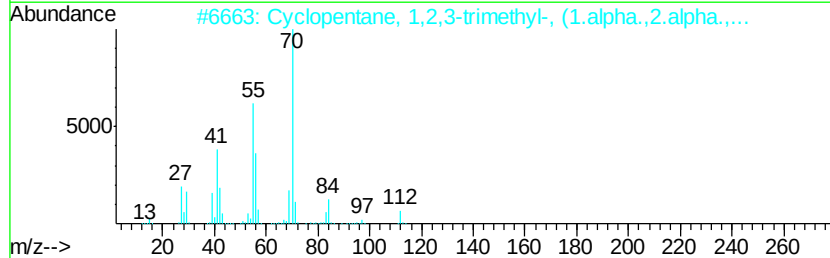
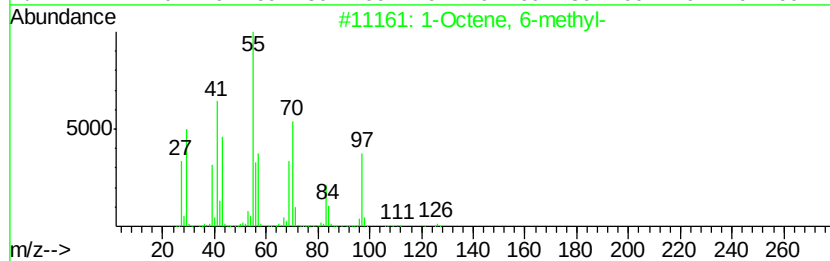
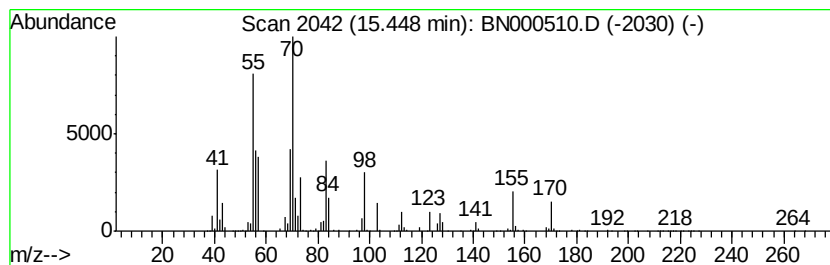
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 63 (DEL) Alkane: Cyclic15.45 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	56.86 ng/ul	14709300	Acenaphthene-d10	15.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Octene, 6-methyl-	126 C9H18	013151-10-5 46
2		Cyclopentane, 1,2,3-trimethyl-, ...	112 C8H16	002613-69-6 43
3		3-Octene, 2,6-dimethyl-	140 C10H20	006874-28-8 38
4		2-Propenoic acid, 2-ethylhexyl e...	184 C11H20O2	000103-11-7 35
5		Neomenthylamine	155 C10H21N	007231-40-5 35



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM49

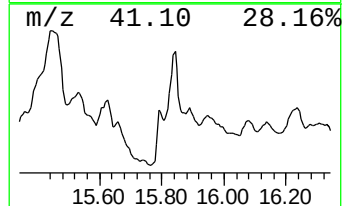
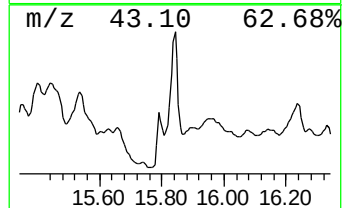
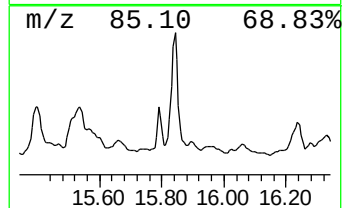
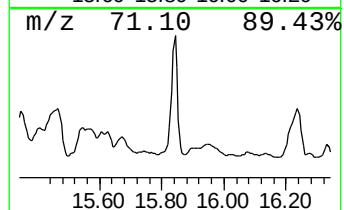
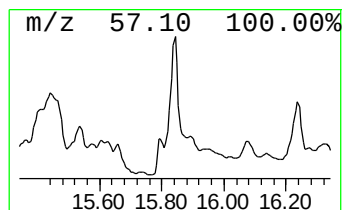
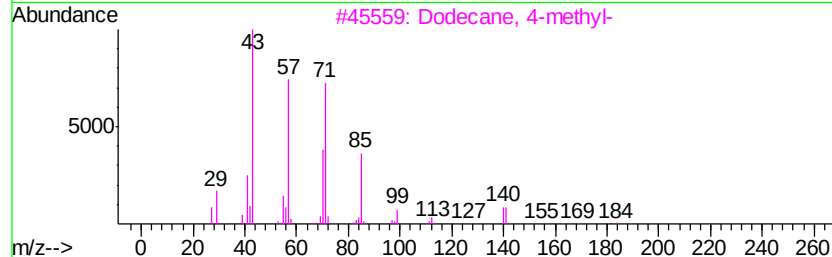
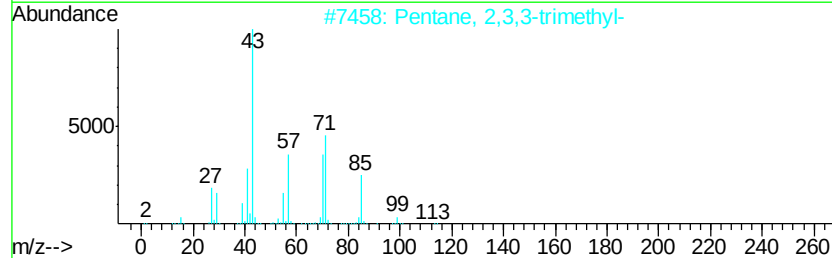
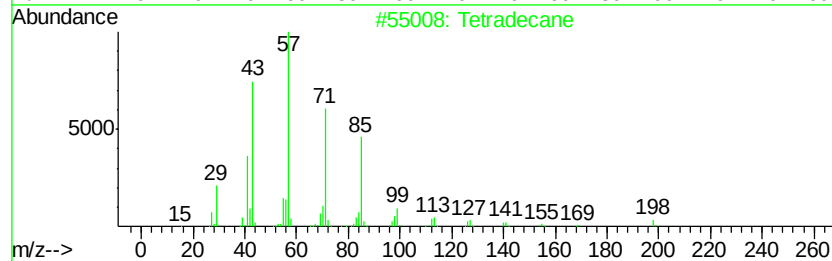
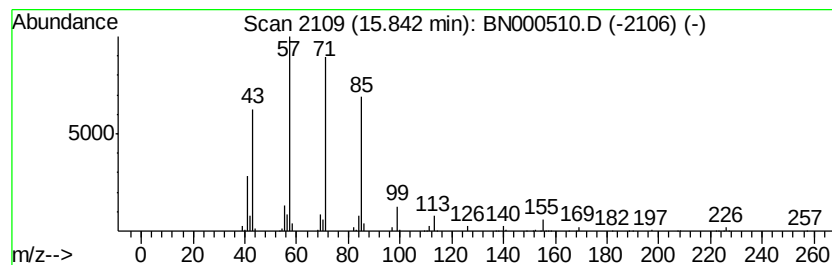
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Quant Title : SVOA CALIBRATION

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

Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	16.64 ng/ul	4304400	Acenaphthene-d10	15.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	78
2			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
3			Dodecane, 4-methyl-	184	C13H28	006117-97-1	78
4			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	78
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	78



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM49

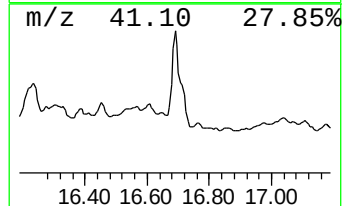
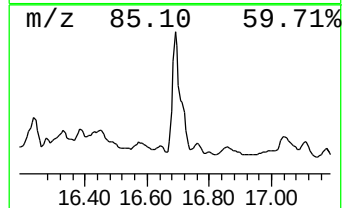
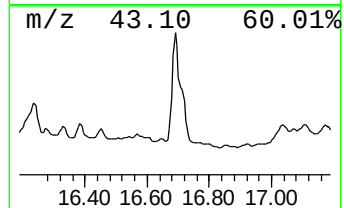
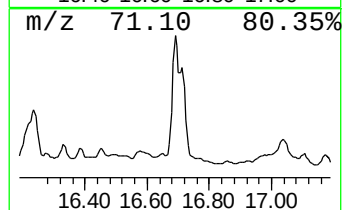
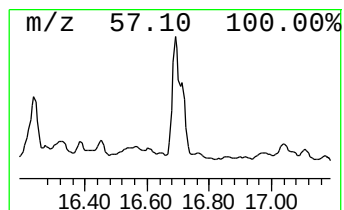
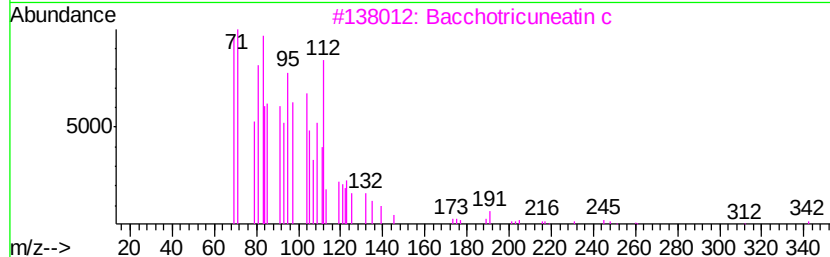
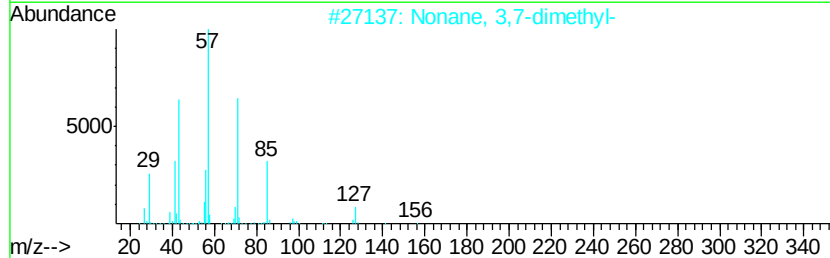
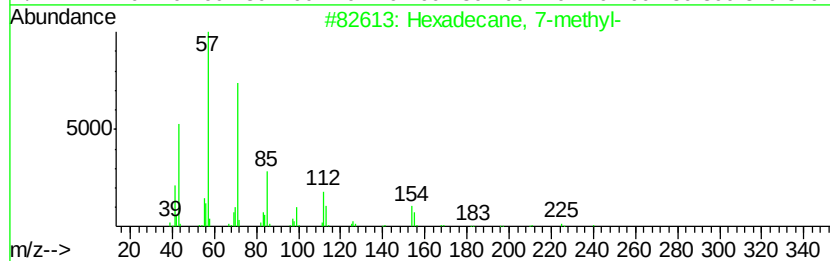
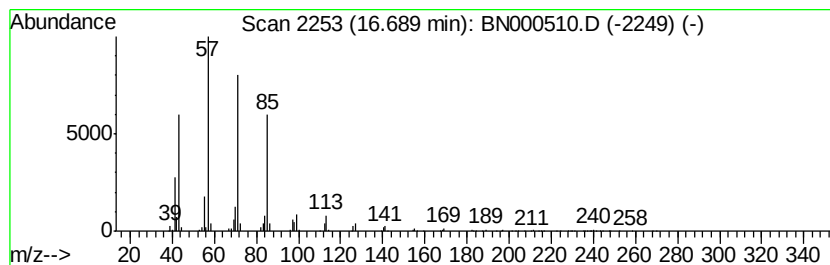
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Quant Title : SVOA CALIBRATION

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

Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	35.91 ng/ul	4388420	Phenanthrene-d10	17.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 7-methyl-	240	C17H36	026730-20-1	68
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
3			Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM49

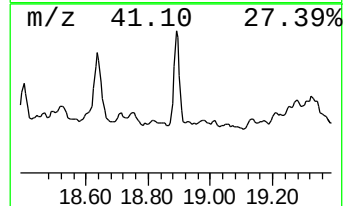
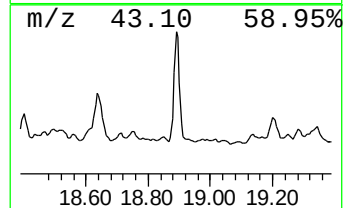
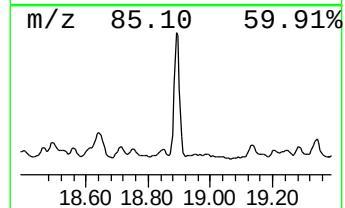
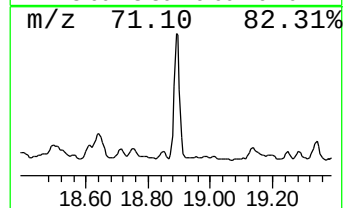
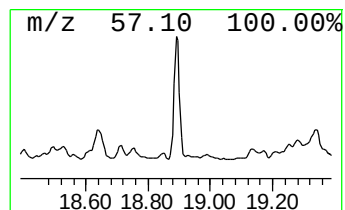
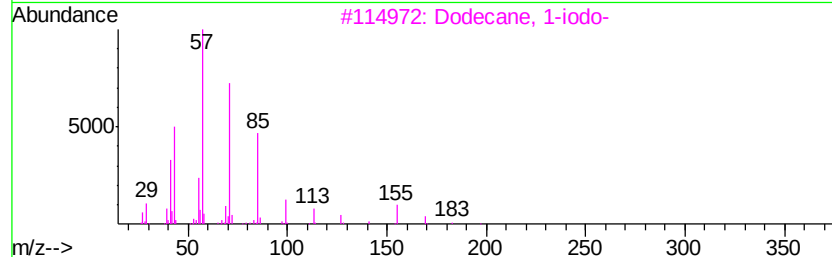
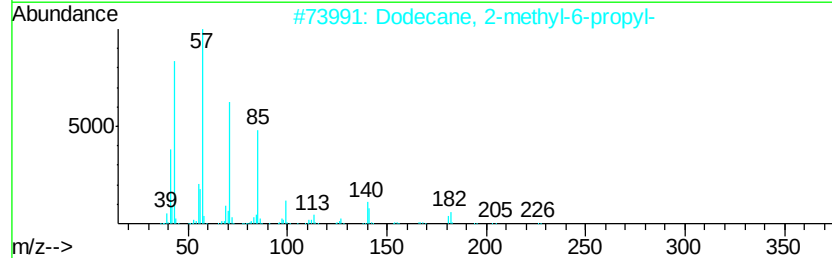
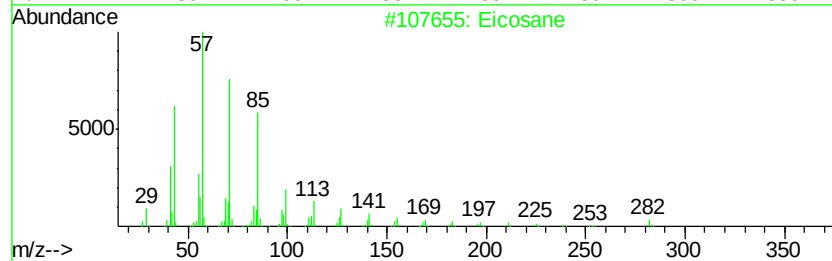
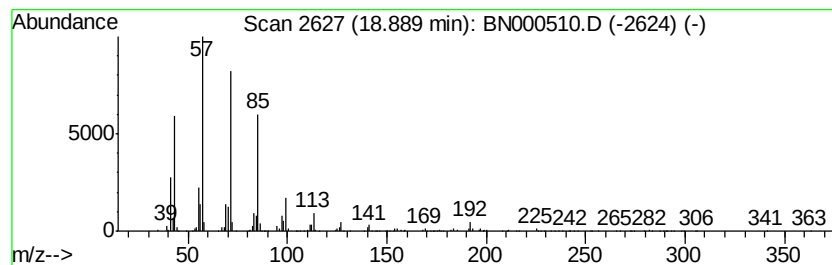
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Quant Title : SVOA CALIBRATION

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

Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	27.89 ng/ul	3408180	Phenanthrene-d10	17.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80
5		Tridecane, 5-propyl-	226	C16H34	055045-11-9	72



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM49

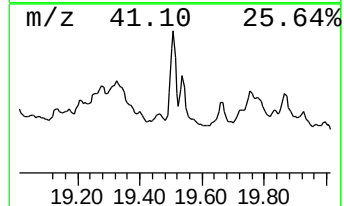
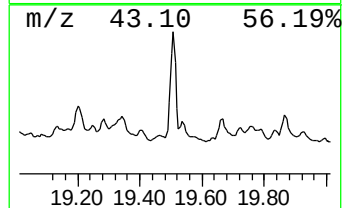
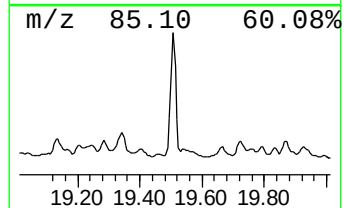
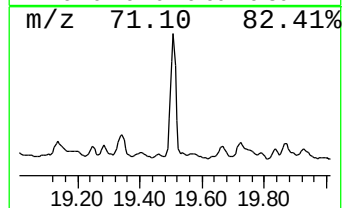
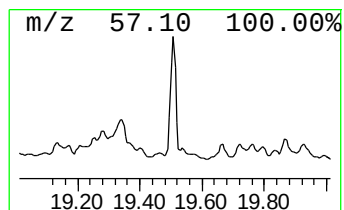
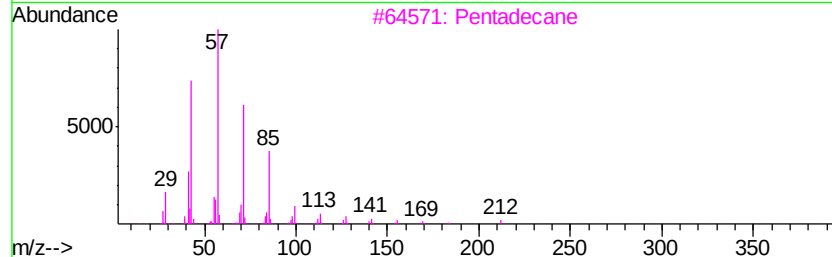
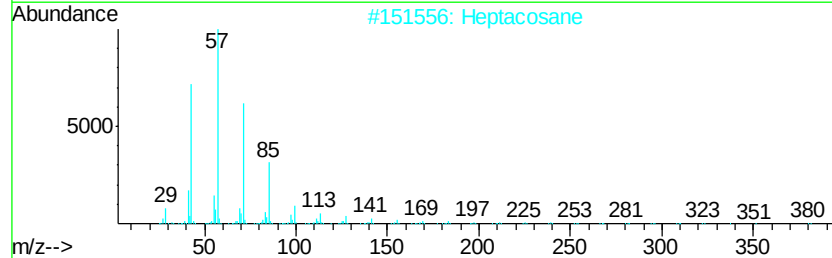
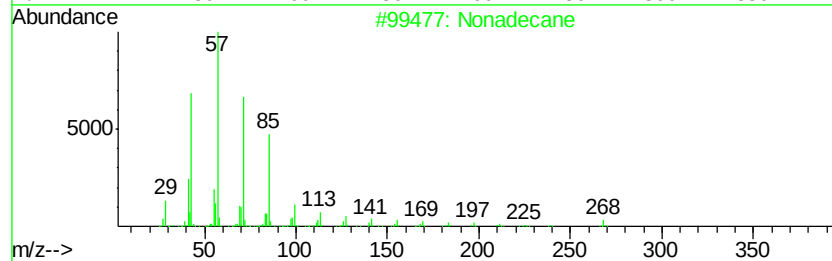
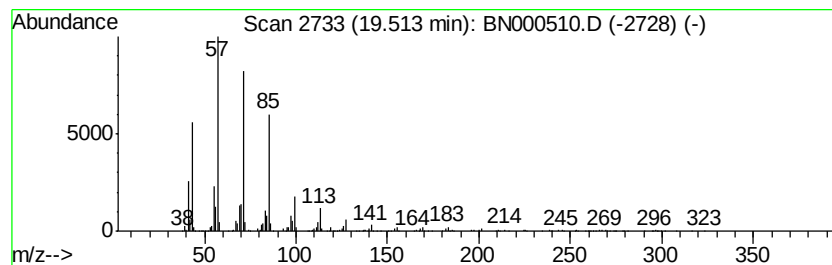
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Quant Title : SVOA CALIBRATION

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

Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	20.57 ng/ul	2513440	Phenanthrene-d10	17.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Heptacosane	380	C27H56	000593-49-7	80
3		Pentadecane	212	C15H32	000629-62-9	80
4		Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	74
5		Eicosane	282	C20H42	000112-95-8	72



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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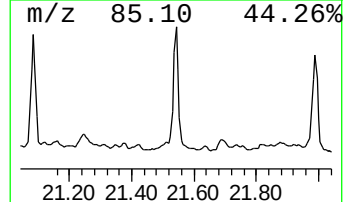
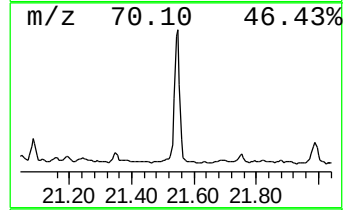
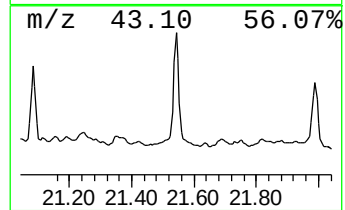
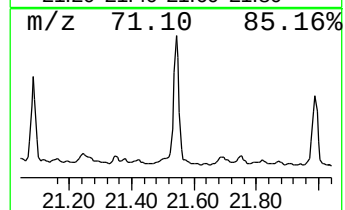
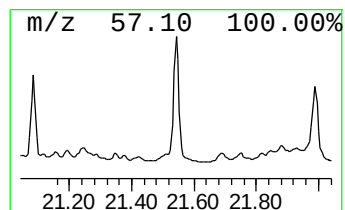
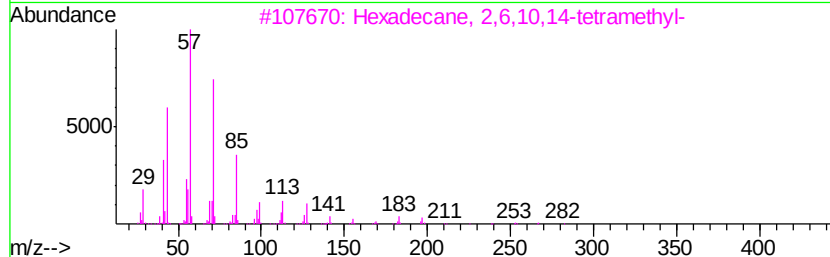
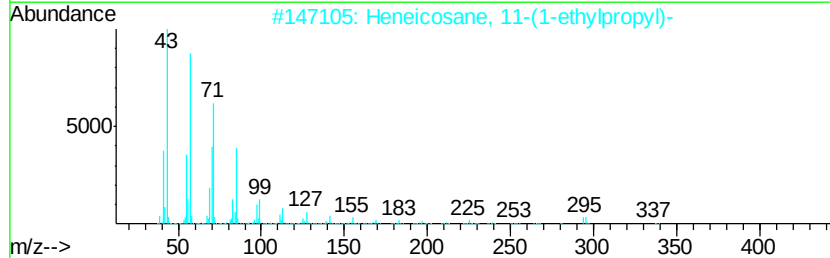
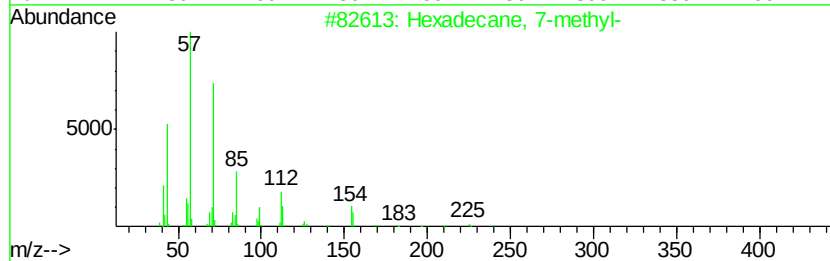
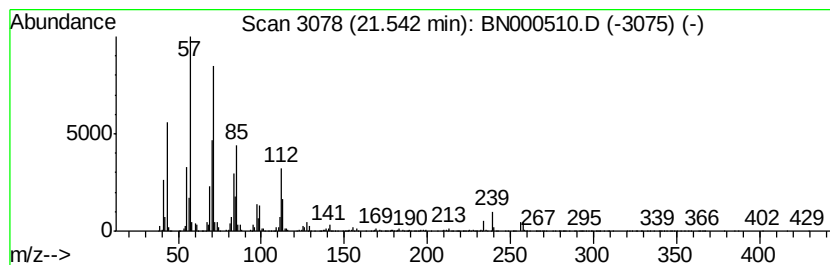
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Quant Title : SVOA CALIBRATION

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

Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	27.05 ng/ul	3562370	Chrysene-d12	21.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	64
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	64
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	62
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	59
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	58



Data Path : Z:\HPCHEM1\BNA N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM49

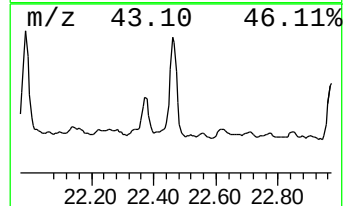
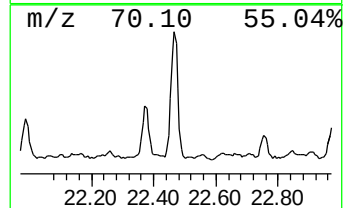
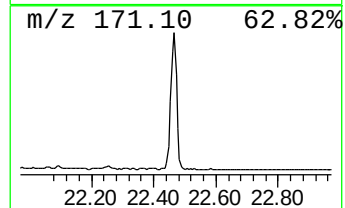
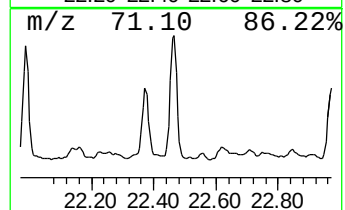
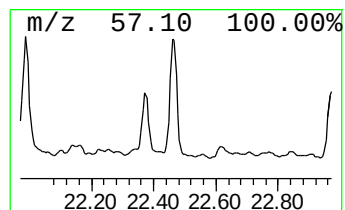
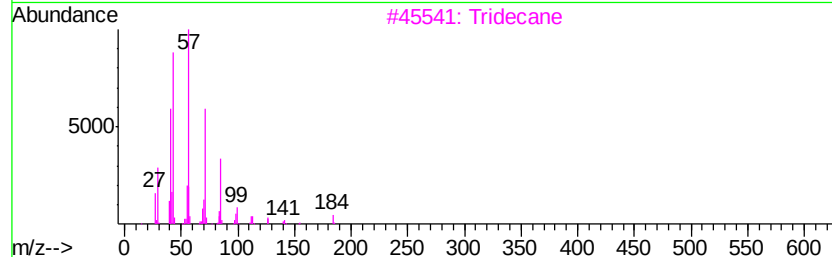
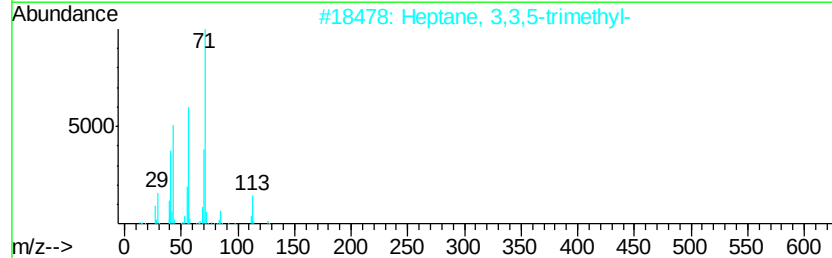
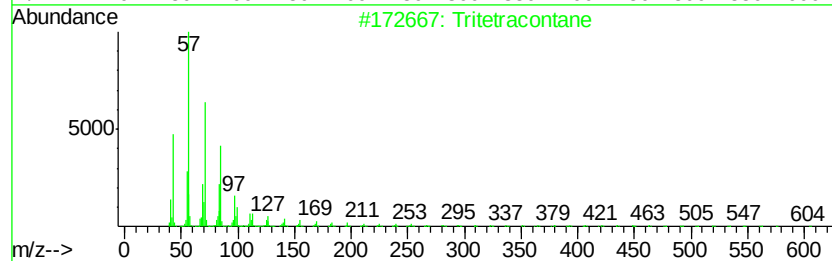
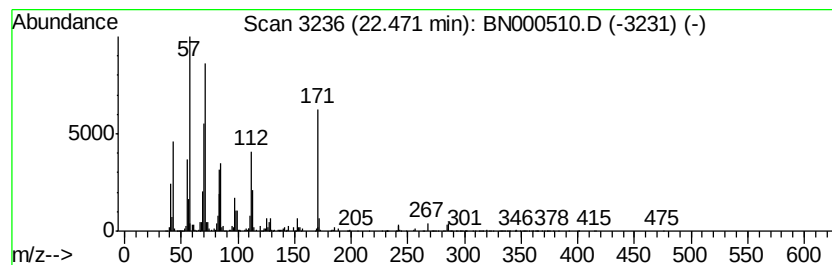
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Quant Title : SVOA CALIBRATION

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

Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	20.58 ng/ul	2710070	Chrysene-d12	21.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	49
2		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	43
3		Tridecane	184	C13H28	000629-50-5	43
4		Tetradecane	198	C14H30	000629-59-4	43
5		Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	38



Data Path : Z:\HPCHEM1\BNA_N\Data\BN032018\
 Data File : BN000510.D
 Acq On : 21 Mar 2018 01:19
 Operator : JU/SJ
 Sample : J1905-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM49

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Pentanone, 2,4-...	4.71	59.1	ng/ul	8478340	1	8.42	2867630	20.0
3-Penten-2-one, 4...	4.77	29.4	ng/ul	4218140	1	8.42	2867630	20.0
4-Heptanone	5.35	17.2	ng/ul	2466600	1	8.42	2867630	20.0
1-Butanol, 2-ethyl-	5.42	55.6	ng/ul	7975410	1	8.42	2867630	20.0
unknown-01	5.90	36.7	ng/ul	5265930	1	8.42	2867630	20.0
unknown-02	6.21	17.4	ng/ul	2497130	1	8.42	2867630	20.0
Benzene, 1,3-dime...	6.36	27.4	ng/ul	3933600	1	8.42	2867630	20.0
Cyclohexanone	6.41	30.1	ng/ul	4315430	1	8.42	2867630	20.0
Hexylene Glycol	6.77	18.1	ng/ul	2592130	1	8.42	2867630	20.0
Hexane, 1,1'-oxybis-	6.87	37.8	ng/ul	5420240	1	8.42	2867630	20.0
unknown-03	7.02	17.7	ng/ul	2532990	1	8.42	2867630	20.0
1,1-Hexylenedioxy...	7.13	87.7	ng/ul	12568100	1	8.42	2867630	20.0
(DEL) Alkane: Str...	7.43	30.6	ng/ul	4389620	1	8.42	2867630	20.0
Benzene, 1-ethyl-...	7.48	30.1	ng/ul	4321240	1	8.42	2867630	20.0
4-Heptanone, 2,6-...	7.54	62.8	ng/ul	9003310	1	8.42	2867630	20.0
Benzene, 1,2,3-tr...	7.62	21.3	ng/ul	3057380	1	8.42	2867630	20.0
unknown-04	7.65	66.3	ng/ul	9508650	1	8.42	2867630	20.0
2-Heptanone, 4,6-...	7.84	117.4	ng/ul	16837200	1	8.42	2867630	20.0
(DEL) Alkane: Str...	8.31	18.5	ng/ul	2651450	1	8.42	2867630	20.0
(DEL) Alkane: Str...	8.37	19.6	ng/ul	2802960	1	8.42	2867630	20.0
1-Hexanol, 2-ethyl-	8.58	237.6	ng/ul	34059600	1	8.42	2867630	20.0
unknown-05	8.67	236.7	ng/ul	33931200	1	8.42	2867630	20.0
unknown-06	8.83	17.5	ng/ul	2514350	1	8.42	2867630	20.0
Cyclohexanone, 3,...	8.95	501.7	ng/ul	71928000	1	8.42	2867630	20.0
Benzene, 1-methyl...	9.00	28.4	ng/ul	4064620	1	8.42	2867630	20.0
unknown-07	9.08	90.1	ng/ul	12922000	1	8.42	2867630	20.0
(DEL) Alkane: Str...	9.18	40.1	ng/ul	5747200	1	8.42	2867630	20.0
unknown-08	9.25	68.3	ng/ul	9793850	1	8.42	2867630	20.0
Benzene, 1-methyl...	9.45	21.0	ng/ul	3017250	1	8.42	2867630	20.0
unknown-09	9.78	19.6	ng/ul	2815660	1	8.42	2867630	20.0
unknown-10	9.82	17.6	ng/ul	2523290	1	8.42	2867630	20.0
unknown-11	9.87	40.2	ng/ul	8305590	2	11.27	4136650	20.0
unknown-12	9.97	37.1	ng/ul	7667720	2	11.27	4136650	20.0
(DEL) Alkane: Cyc...	10.05	60.8	ng/ul	12579800	2	11.27	4136650	20.0
(DEL) Alkane: Cyc...	11.17	30.3	ng/ul	6262610	2	11.27	4136650	20.0
2-Cyclohexen-1-on...	11.68	17.2	ng/ul	3548990	2	11.27	4136650	20.0
(DEL) Alkane: Cyc...	12.48	52.5	ng/ul	10867100	2	11.27	4136650	20.0
(DEL) Alkane: Str...	12.62	28.4	ng/ul	5875840	2	11.27	4136650	20.0
(DEL) Alkane: Str...	14.90	28.3	ng/ul	7314490	3	15.05	5173940	20.0
(DEL) Alkane: Cyc...	15.45	56.9	ng/ul	14709300	3	15.05	5173940	20.0
(DEL) Alkane: Str...	15.84	16.6	ng/ul	4304400	3	15.05	5173940	20.0
(DEL) Alkane: Str...	16.69	35.9	ng/ul	4388420	4	17.92	2443890	20.0
(DEL) Alkane: Str...	18.89	27.9	ng/ul	3408180	4	17.92	2443890	20.0
(DEL) Alkane: Str...	19.51	20.6	ng/ul	2513440	4	17.92	2443890	20.0
(DEL) Alkane: Str...	21.54	27.1	ng/ul	3562370	5	21.89	2633940	20.0
(DEL) Alkane: Str...	22.47	20.6	ng/ul	2710070	5	21.89	2633940	20.0