

Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
 Data File : BM013730.D
 Acq On : 23 Jan 2018 13:22
 Operator : SJ/JU
 Sample : J1174-12
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A47

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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_M\Methods\SOM-EPA-BM011018.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	5.893	486	494	497	rBV5	173581	340508	1.71%	0.309%
2	6.104	523	530	537	rBV5	181381	402039	2.01%	0.365%
3	6.175	537	542	546	rBV	228074	310285	1.55%	0.282%
4	6.251	551	555	558	rVV2	224787	418846	2.10%	0.380%
5	6.281	558	560	569	rVB2	173982	258349	1.29%	0.235%
6	6.510	591	599	605	rVB4	162014	384884	1.93%	0.349%
7	6.798	642	648	660	rVB2	626514	1263016	6.33%	1.146%
8	6.951	665	674	684	rVB	510136	967865	4.85%	0.879%
9	7.145	702	707	714	rVB	730660	1217909	6.10%	1.106%
10	7.222	714	720	729	rBV	1310734	1926017	9.65%	1.748%
11	7.610	780	786	792	rVB	807257	1241535	6.22%	1.127%
12	7.881	825	832	840	rVB6	172906	389859	1.95%	0.354%
13	8.322	898	907	915	rBV2	835532	1393312	6.98%	1.265%
14	8.698	967	971	976	rVB2	226015	351027	1.76%	0.319%
15	8.763	976	982	992	rBV	651873	1271453	6.37%	1.154%
16	8.951	1010	1014	1021	rVB8	153743	292844	1.47%	0.266%
17	9.222	1056	1060	1063	rBV	131612	212770	1.07%	0.193%
18	9.481	1095	1104	1113	rBV3	710313	1533154	7.68%	1.392%
19	9.569	1113	1119	1126	rVV4	180848	395046	1.98%	0.359%
20	9.792	1151	1157	1161	rBV3	181141	352861	1.77%	0.320%
21	10.016	1190	1195	1202	rVV	848001	1498020	7.50%	1.360%
22	10.086	1204	1207	1216	rVB3	109495	237557	1.19%	0.216%
23	10.386	1247	1258	1263	rBV	1091814	2028207	10.16%	1.841%
24	10.533	1279	1283	1292	rVV4	471200	1075073	5.38%	0.976%
25	10.604	1292	1295	1305	rVB6	106092	204705	1.03%	0.186%
26	11.075	1366	1375	1381	rVV9	232262	603173	3.02%	0.548%
27	11.298	1407	1413	1419	rBV7	117537	280743	1.41%	0.255%
28	11.410	1427	1432	1436	rBV	966683	1463608	7.33%	1.329%
29	11.457	1436	1440	1452	rVB8	200547	727892	3.65%	0.661%
30	12.057	1538	1542	1548	rVB	292873	480554	2.41%	0.436%
31	12.127	1549	1554	1560	rBV7	88656	204130	1.02%	0.185%
32	12.275	1573	1579	1595	rBV	437606	1006512	5.04%	0.914%
33	12.522	1617	1621	1629	rVB2	189715	363028	1.82%	0.330%
34	12.675	1638	1647	1653	rBV9	173955	512978	2.57%	0.466%

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35	12.739	1654	1658	1662	rVV6	182562	313918	1.57%	0.285%
36	12.786	1662	1666	1671	rVV	1265805	1714653	8.59%	1.556%
37	12.845	1671	1676	1682	rVB8	166465	351574	1.76%	0.319%
38	13.022	1702	1706	1709	rBV2	270113	363901	1.82%	0.330%
39	13.080	1713	1716	1724	rVB3	398913	703657	3.52%	0.639%
40	13.427	1771	1775	1780	rBV3	164900	303730	1.52%	0.276%
41	13.580	1796	1801	1806	rBV	487997	912926	4.57%	0.829%
42	13.633	1807	1810	1812	rBV2	219325	263536	1.32%	0.239%
43	13.674	1812	1817	1822	rVB2	1891035	2834209	14.20%	2.573%
44	13.745	1822	1829	1833	rBV2	1421540	2349408	11.77%	2.133%
45	13.792	1833	1837	1838	rBV3	224363	264125	1.32%	0.240%
46	13.951	1860	1864	1868	rBV	1614708	2383352	11.94%	2.163%
47	14.086	1883	1887	1895	rVB2	702311	1158486	5.80%	1.052%
48	14.169	1895	1901	1905	rBV	1191861	1668710	8.36%	1.515%
49	14.263	1906	1917	1923	rBV3	1623681	3337784	16.72%	3.030%
50	14.327	1924	1928	1931	rBV2	429431	667178	3.34%	0.606%
51	14.674	1983	1987	1991	rVB3	552028	806323	4.04%	0.732%
52	14.798	2003	2008	2013	rBV3	1093541	1867922	9.36%	1.696%
53	15.051	2047	2051	2056	rVB4	596462	903615	4.53%	0.820%
54	15.127	2061	2064	2069	rVB	1634048	1894023	9.49%	1.719%
55	15.263	2082	2087	2091	rVB	2052887	2838671	14.22%	2.577%
56	15.316	2092	2096	2099	rBV2	523103	863368	4.32%	0.784%
57	15.533	2128	2133	2139	rVB	2084512	3227136	16.16%	2.929%
58	16.021	2208	2216	2221	rBV	12540297	19965269	100.00%	18.123%
59	16.786	2343	2346	2351	rBV	1793765	2290616	11.47%	2.079%
60	16.839	2351	2355	2363	rVB	5017007	7191218	36.02%	6.528%
61	17.021	2382	2386	2390	rBV	1823849	2832225	14.19%	2.571%
62	17.115	2399	2402	2406	rBV	1864273	2317715	11.61%	2.104%
63	17.445	2454	2458	2463	rVB	1805039	2604102	13.04%	2.364%
64	17.527	2469	2472	2475	rVB	1900296	2050065	10.27%	1.861%
65	18.221	2587	2590	2596	rVB	1833786	2100925	10.52%	1.907%
66	18.856	2696	2698	2702	rVB	1337659	1399467	7.01%	1.270%
67	19.421	2790	2794	2796	rBV	2704367	3786619	18.97%	3.437%
68	20.939	3050	3052	3058	rVB3	1400455	1884095	9.44%	1.710%
69	21.221	3097	3100	3109	rVB	2577726	4143448	20.75%	3.761%

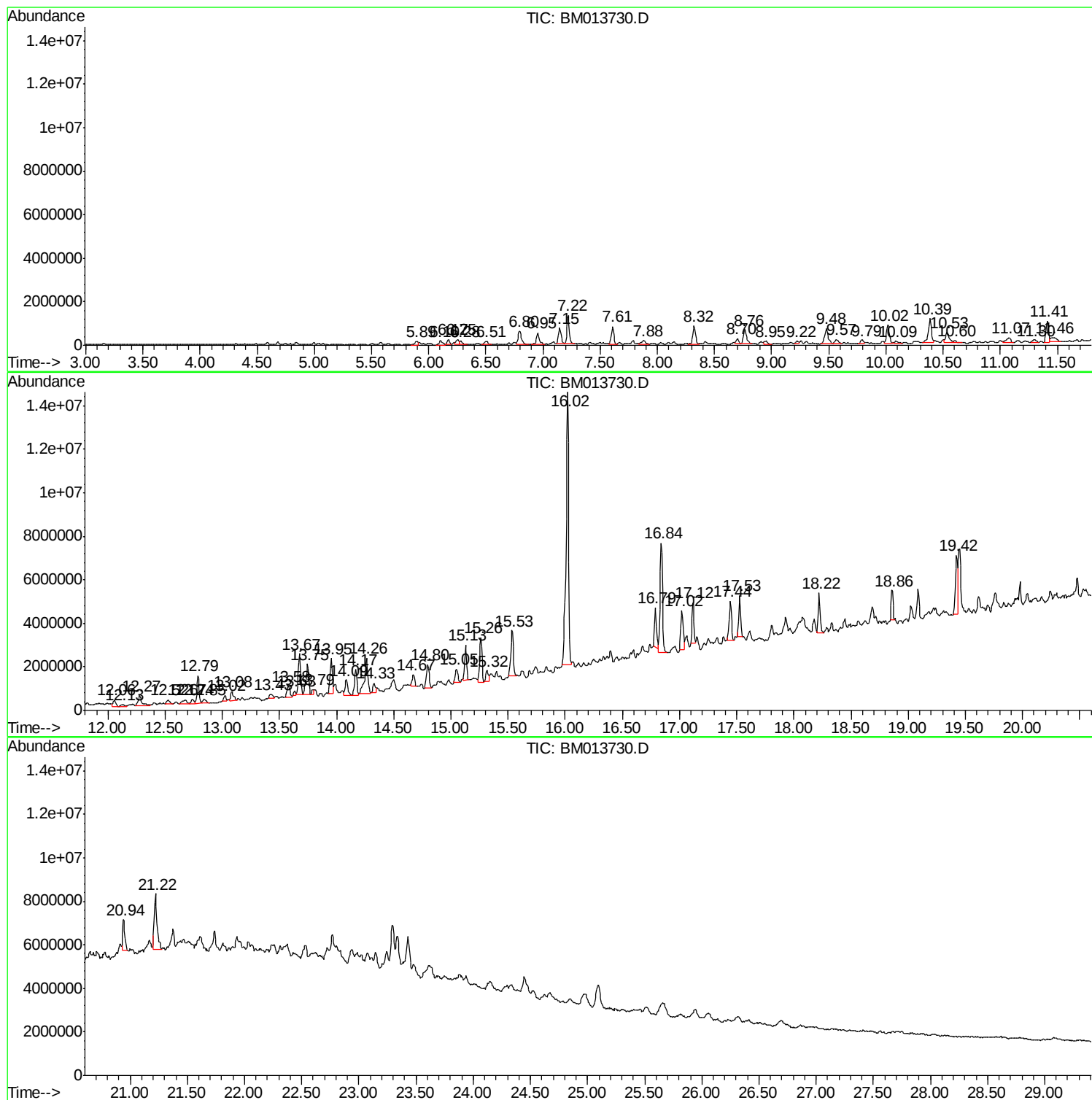
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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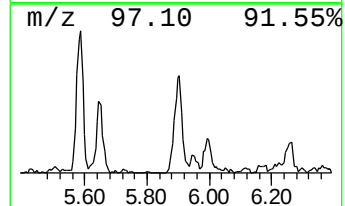
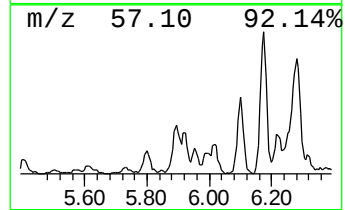
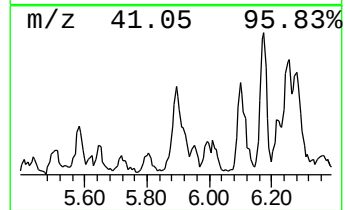
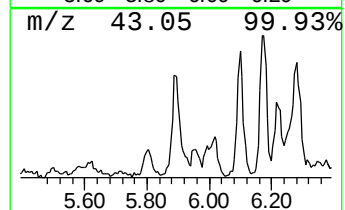
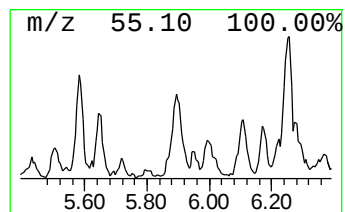
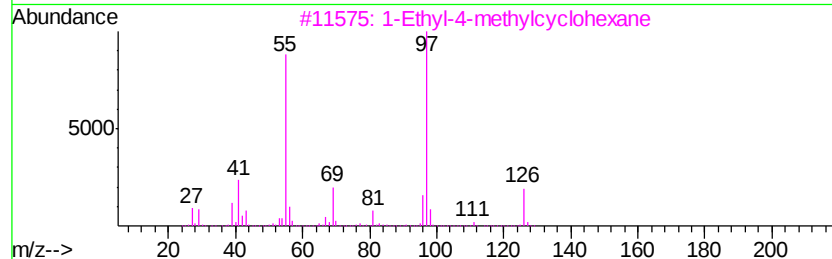
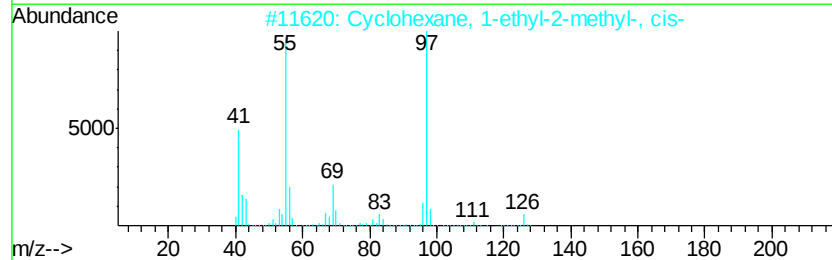
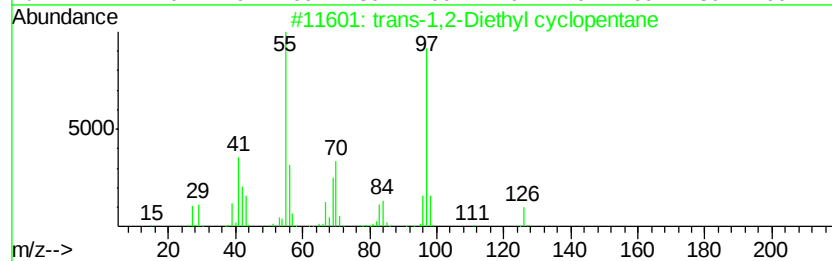
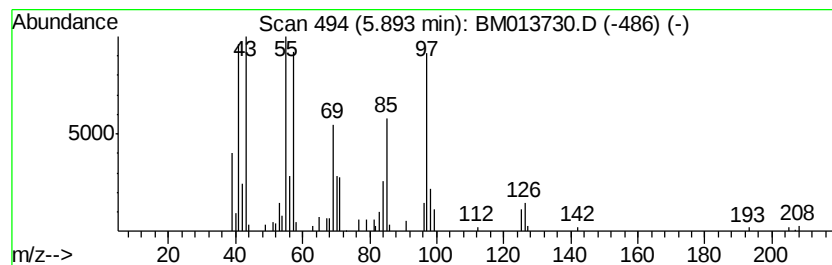
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic5.89 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	5.49 ng/ul	340508	1,4-Dichlorobenzene-d4	7.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	53
2		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	35
3		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	30
4		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	30
5		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	30



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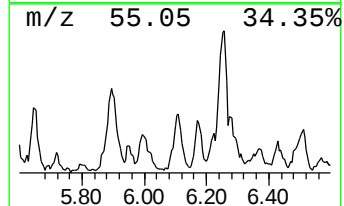
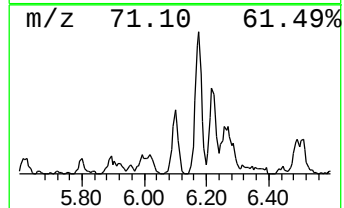
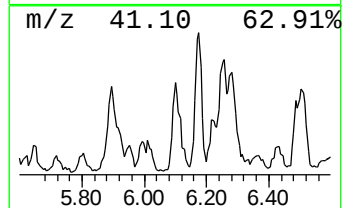
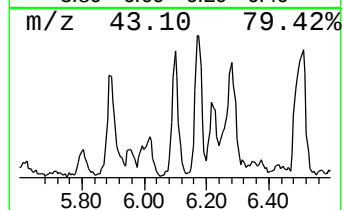
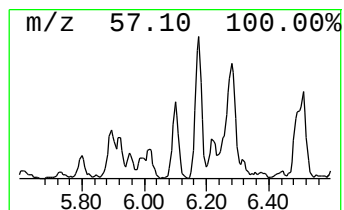
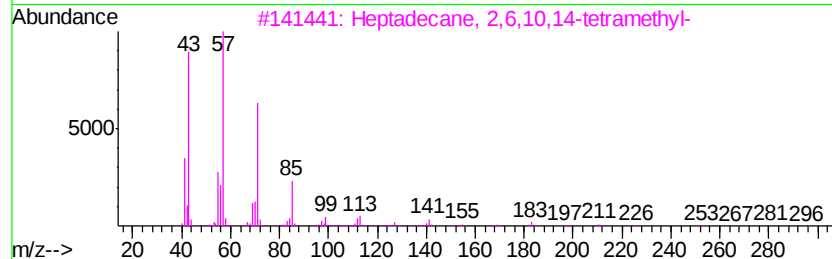
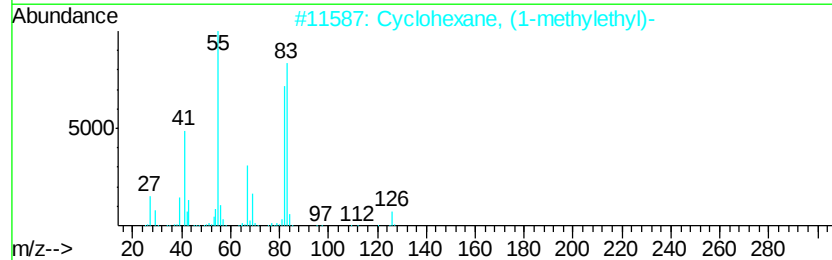
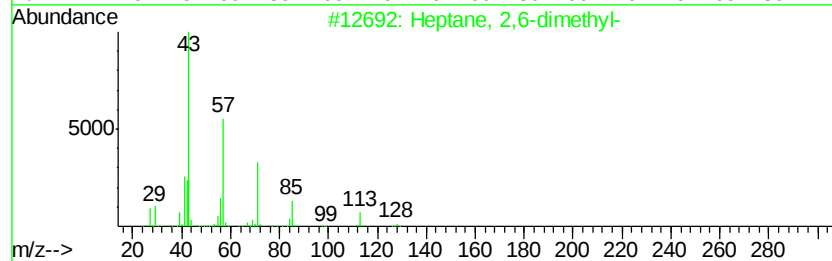
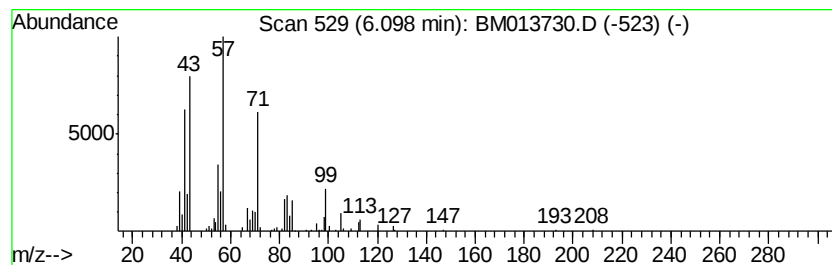
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.10	6.48 ng/ul	402039	1,4-Dichlorobenzene-d4	7.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	30
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	30
3			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	30
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	27
5			Decane, 2-methyl-	156	C11H24	006975-98-0	27



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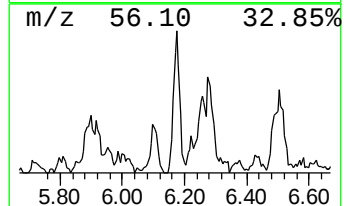
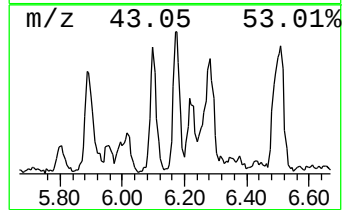
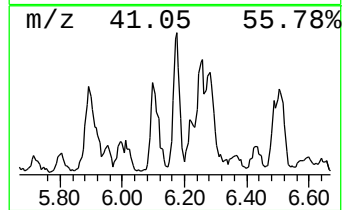
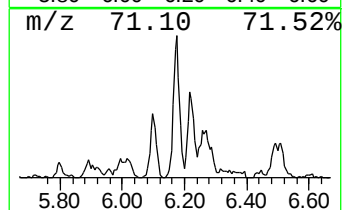
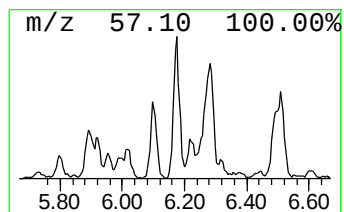
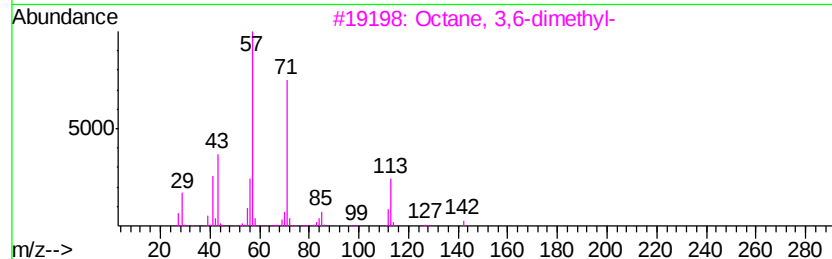
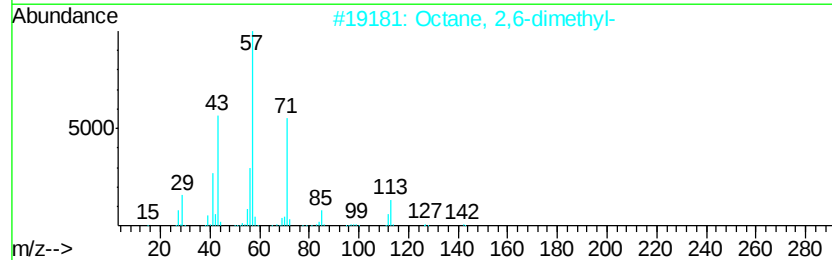
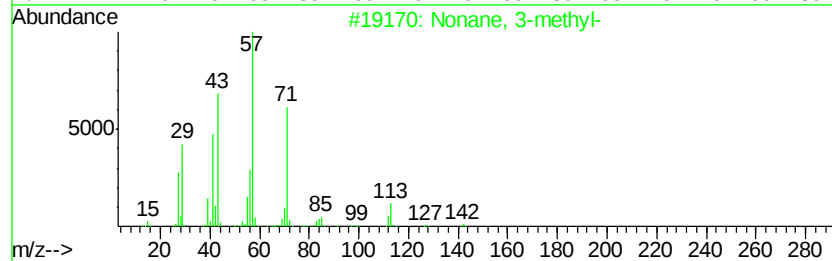
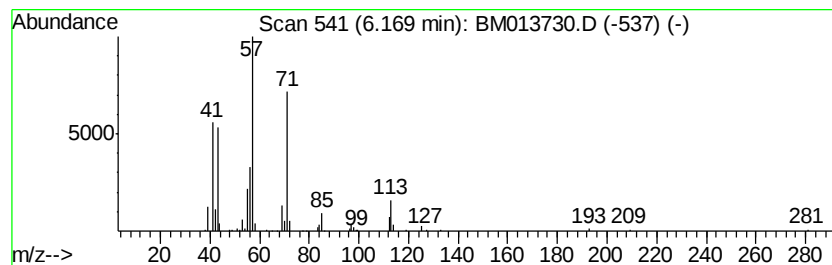
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	5.00 ng/ul	310285	1,4-Dichlorobenzene-d4	7.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87



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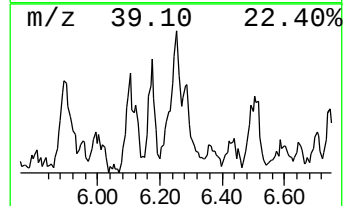
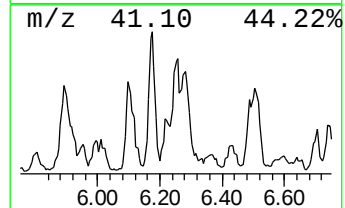
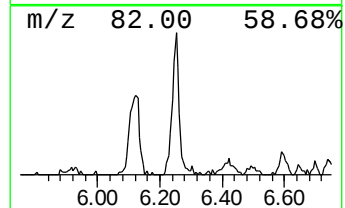
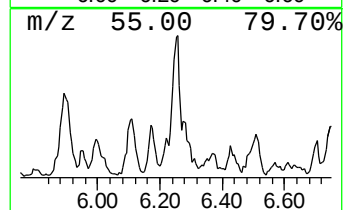
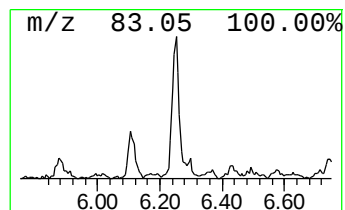
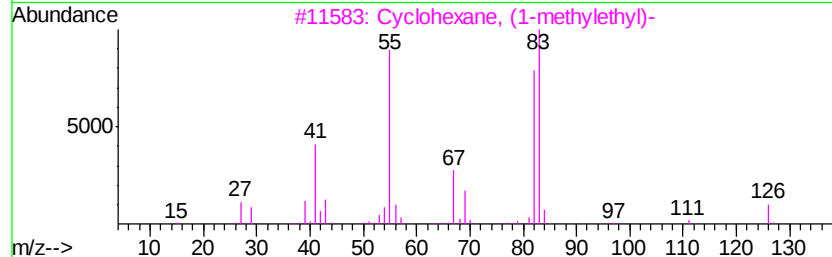
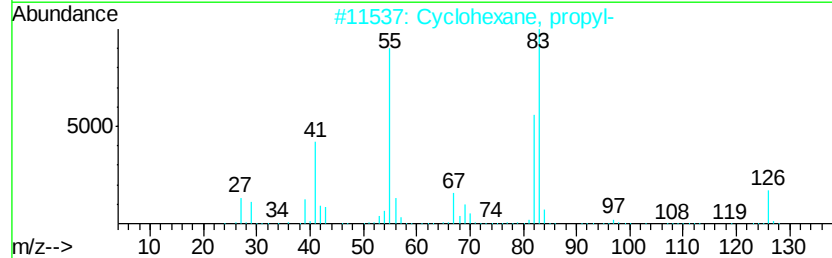
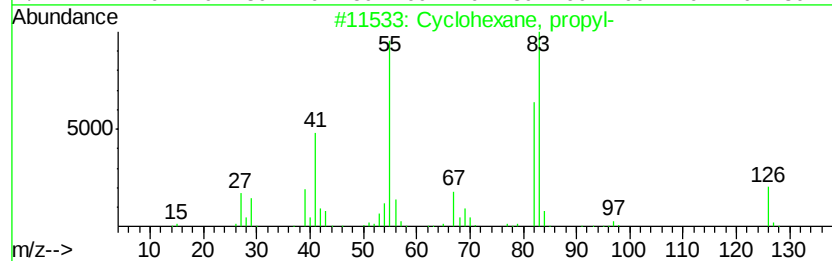
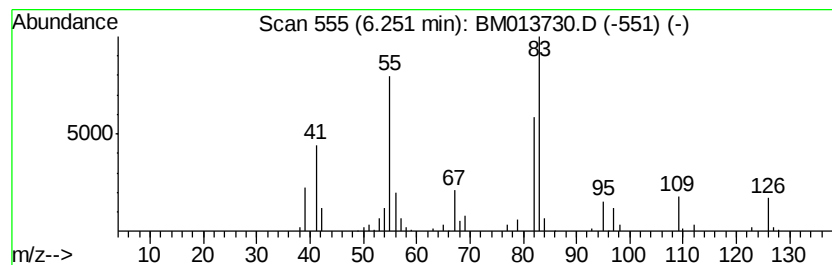
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Peak Number 4 (DEL) Alkane: Cyclic6.25 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	6.75 ng/ul	418846	1,4-Dichlorobenzene-d4	7.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, propyl-	126	C9H18	001678-92-8	81
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	76
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	74
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
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Acq On : 23 Jan 2018 13:22
Operator : SJ/JU
Sample : J1174-12
Misc :
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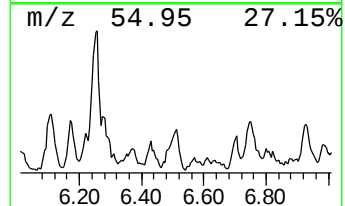
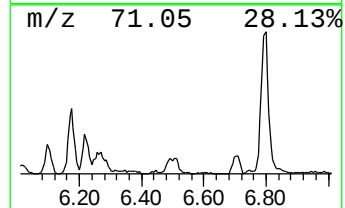
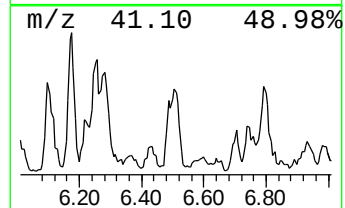
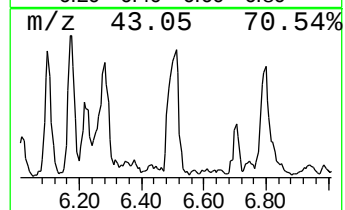
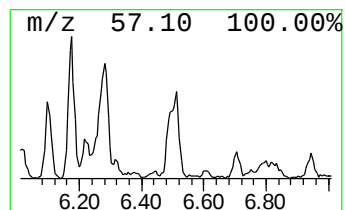
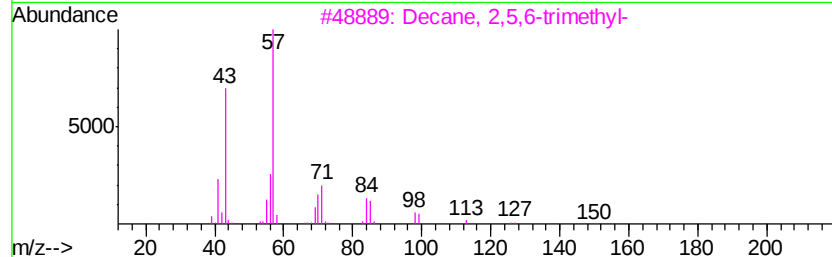
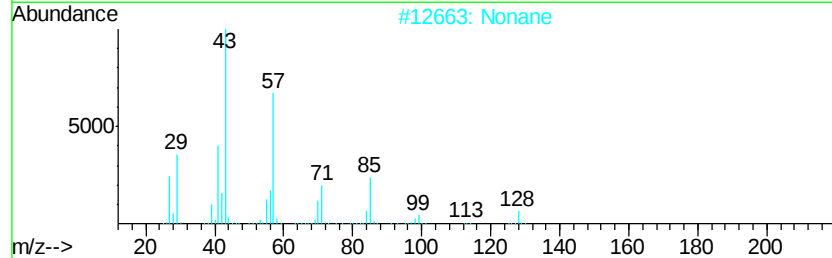
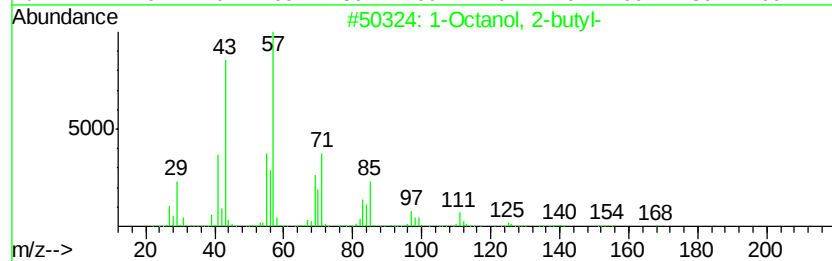
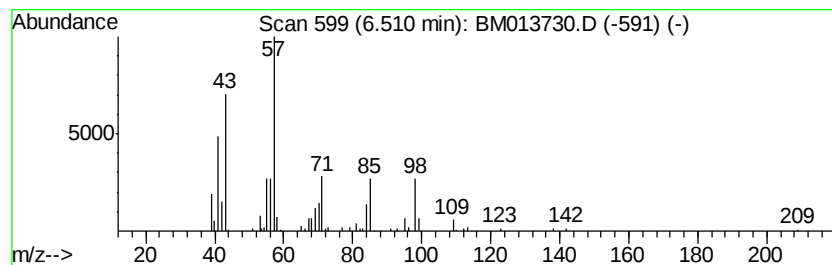
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1-Octanol, 2-butyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.		
6.51	6.20 ng/ul	384884	1,4-Dichlorobenzene-d4	7.61		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-butyl-		186	C12H26O	003913-02-8	53
2	Nonane		128	C9H20	000111-84-2	53
3	Decane, 2,5,6-trimethyl-		184	C13H28	062108-23-0	47
4	Decane		142	C10H22	000124-18-5	47
5	Tetradecane		198	C14H30	000629-59-4	47



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013730.D
Acq On : 23 Jan 2018 13:22
Operator : SJ/JU
Sample : J1174-12
Misc :
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ClientSampleId :
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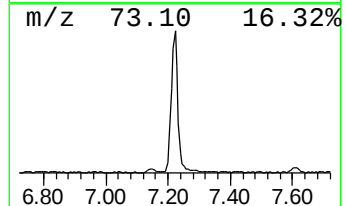
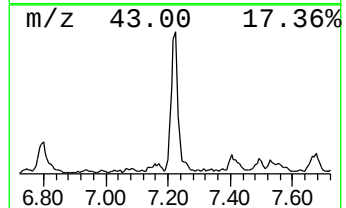
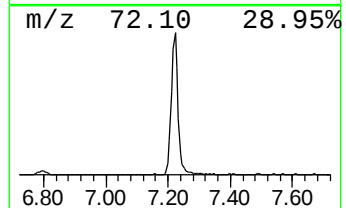
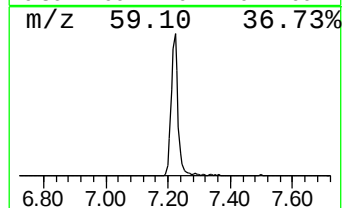
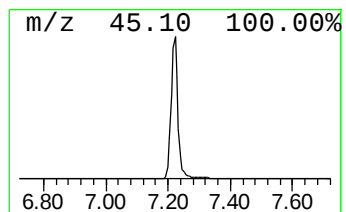
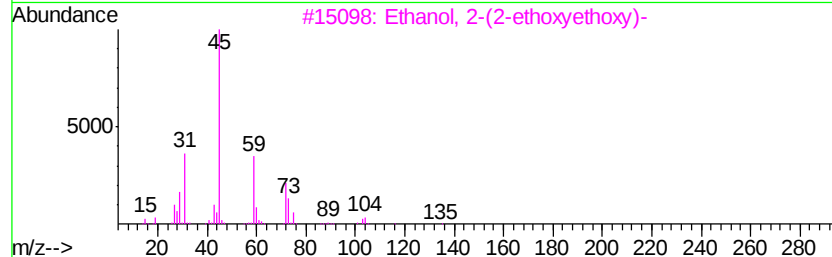
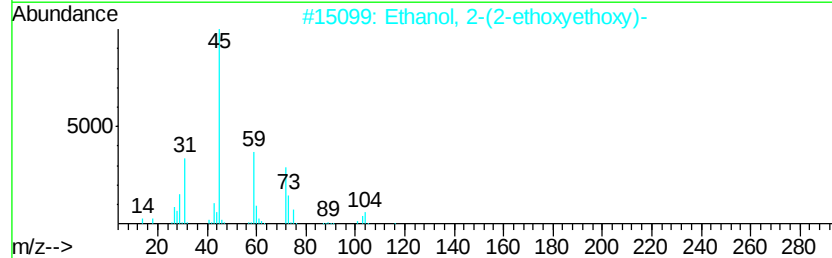
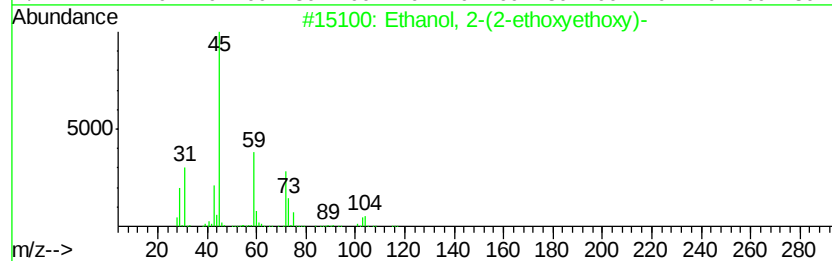
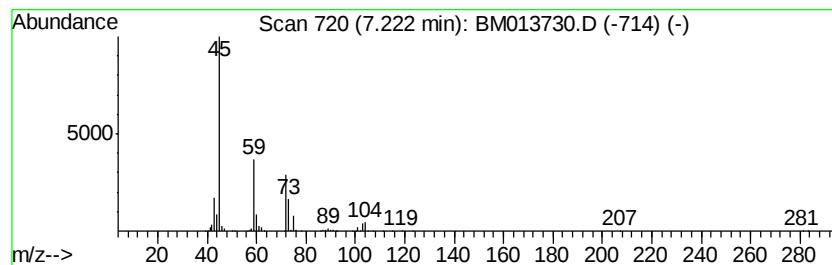
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	31.03 ng/ul	1926020	1,4-Dichlorobenzene-d4	7.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2		Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
3		Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
4		Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
5		Diethyl carbitol	162	C8H18O3	000112-36-7	72



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013730.D
Acq On : 23 Jan 2018 13:22
Operator : SJ/JU
Sample : J1174-12
Misc :
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Instrument :
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ClientSampleId :
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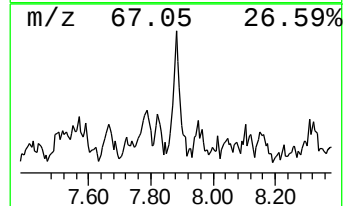
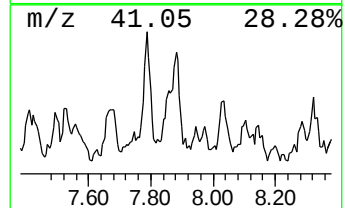
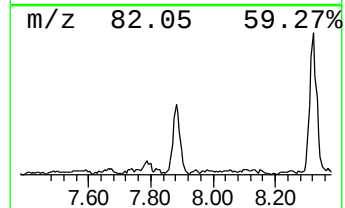
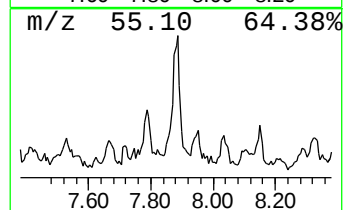
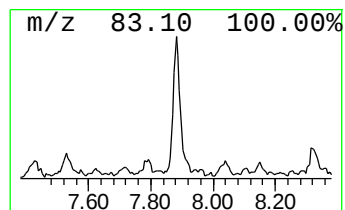
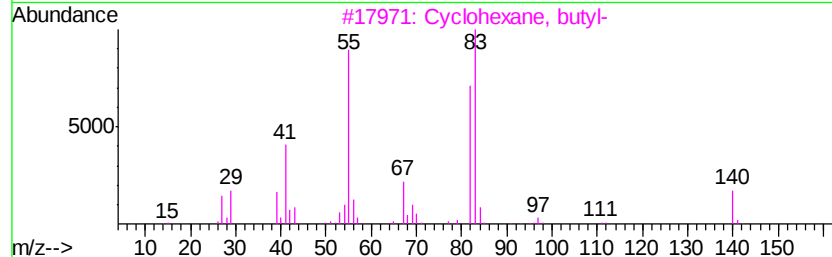
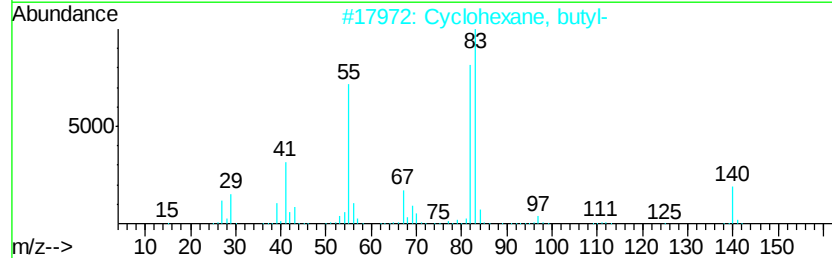
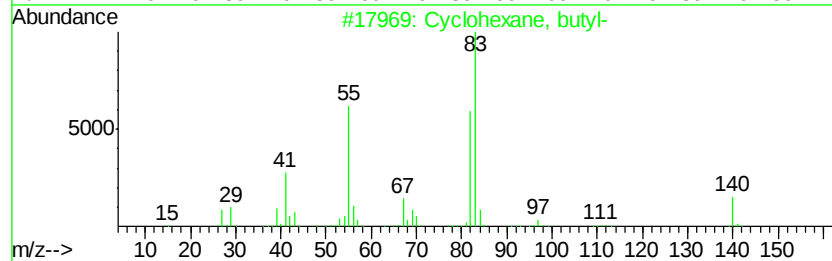
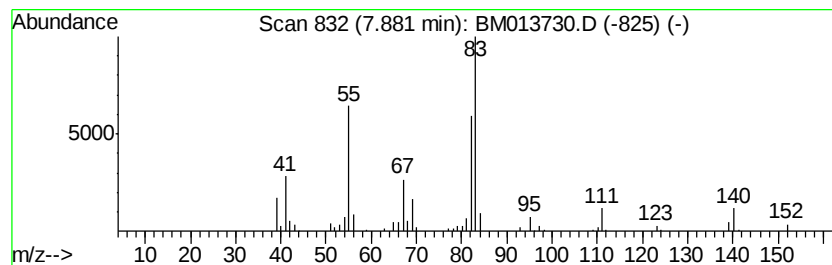
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Cyclic7.88 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	6.28 ng/ul	389859	1,4-Dichlorobenzene-d4	7.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	81
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	81
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	74
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013730.D
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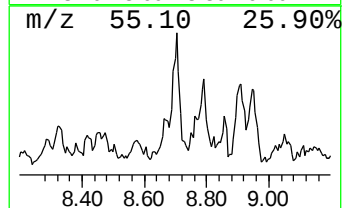
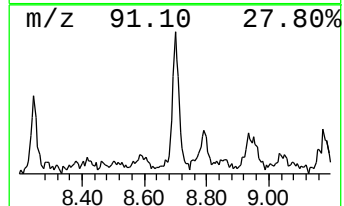
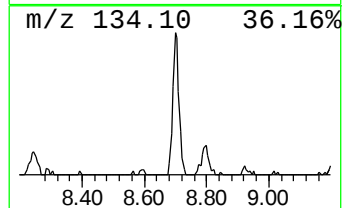
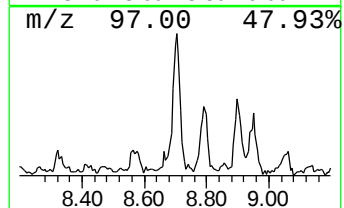
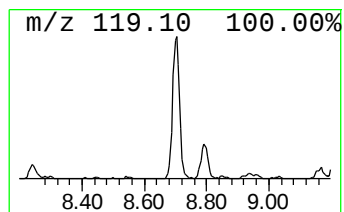
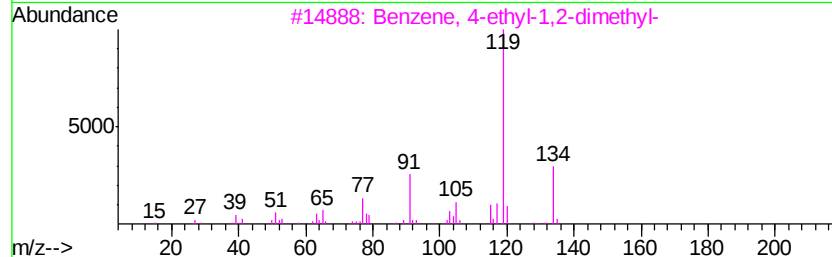
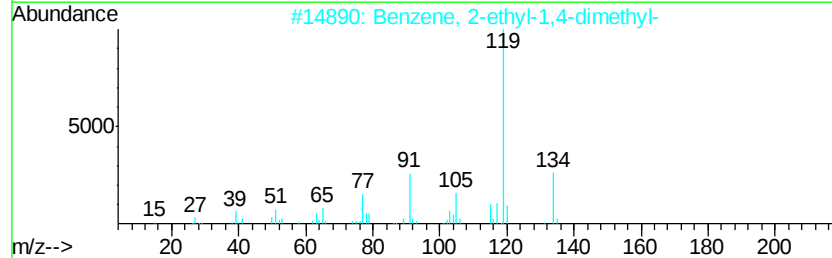
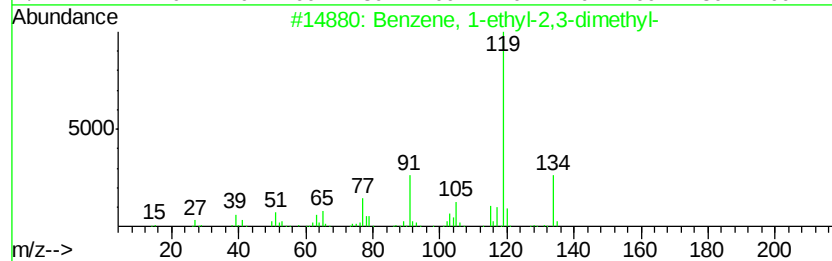
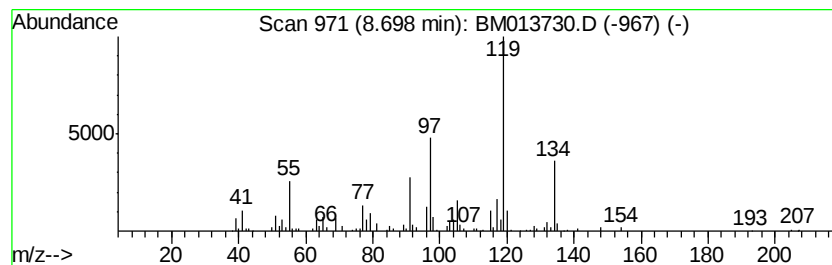
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	5.65 ng/ul	351027	1,4-Dichlorobenzene-d4	7.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	86
4		o-Cymene	134	C10H14	000527-84-4	70
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013730.D
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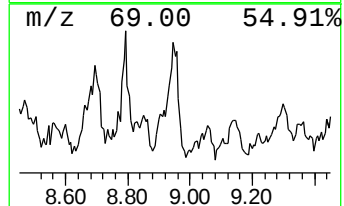
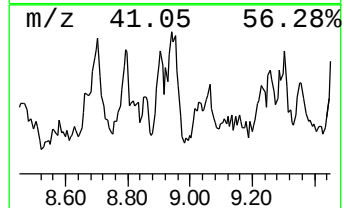
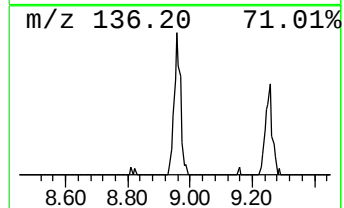
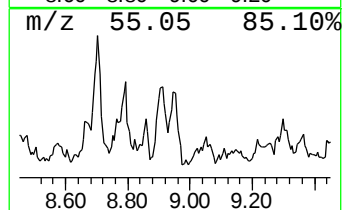
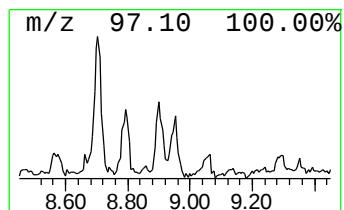
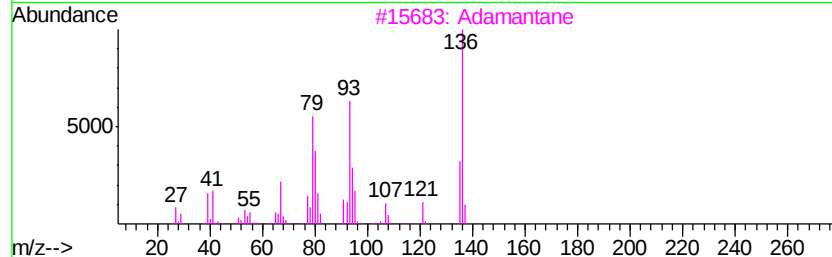
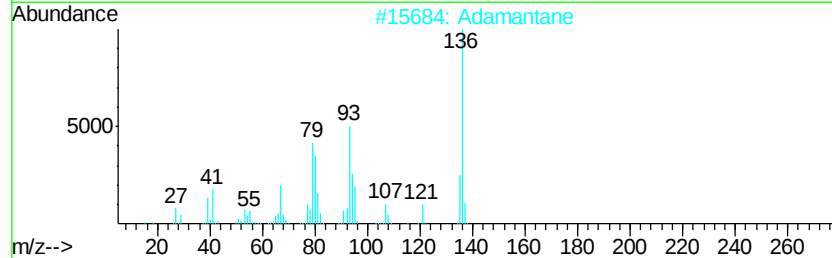
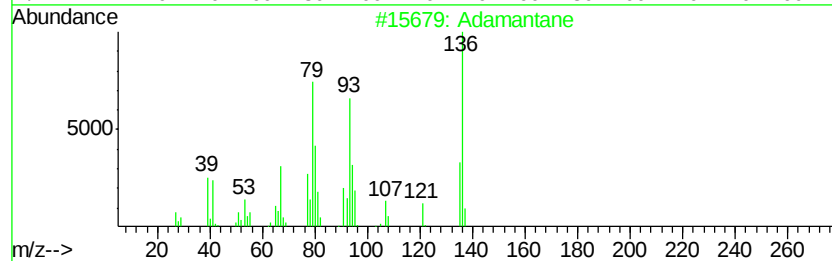
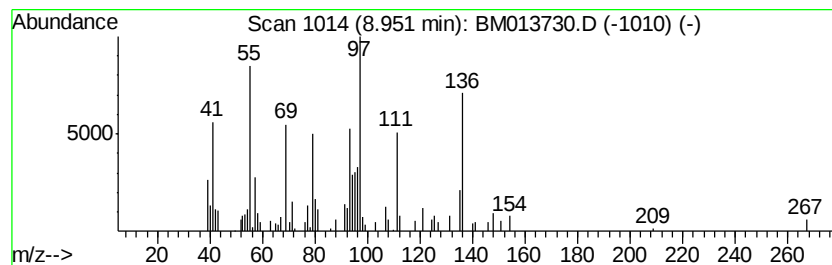
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Adamantane Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	4.72 ng/ul	292844	1,4-Dichlorobenzene-d4	7.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane			136	C10H16	000281-23-2	64
2	Adamantane			136	C10H16	000281-23-2	49
3	Adamantane			136	C10H16	000281-23-2	41
4	3-Methylene-bicyclo[3.2.1]oct-6-...			136	C9H12O	1000193-00-0	38
5	Bicyclo[3.2.2]non-6-en-3-one			136	C9H12O	1000072-31-7	27



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
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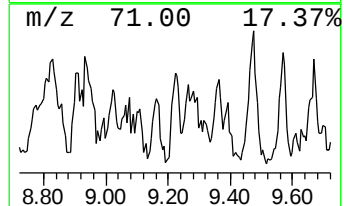
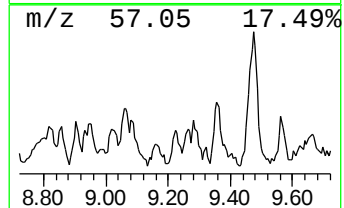
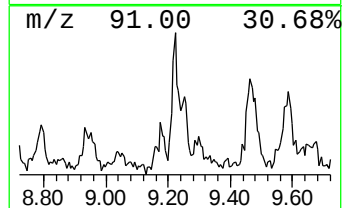
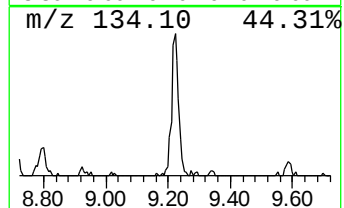
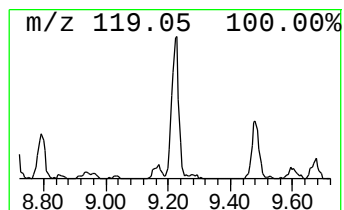
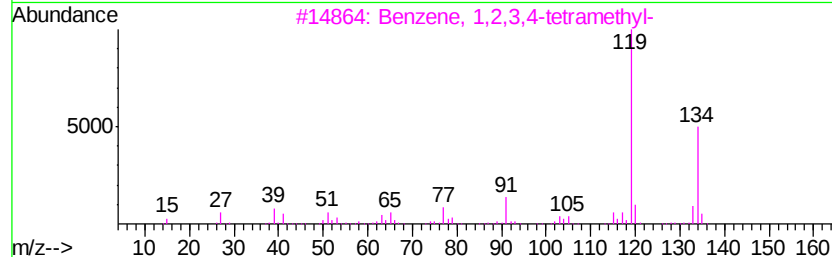
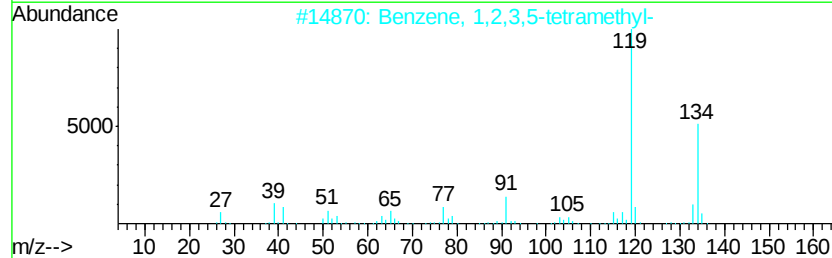
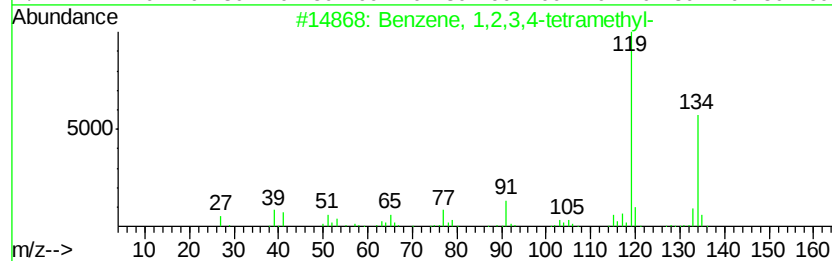
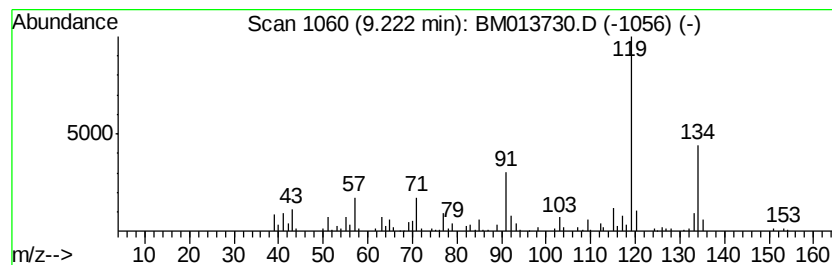
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	2.10 ng/ul	212770	Naphthalene-d8	10.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
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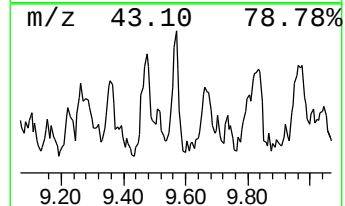
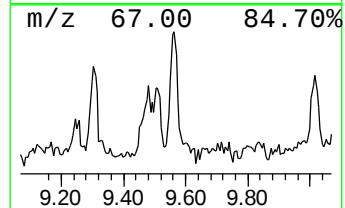
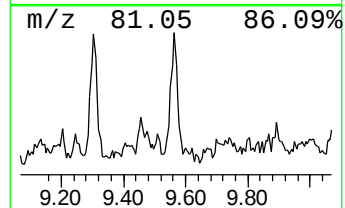
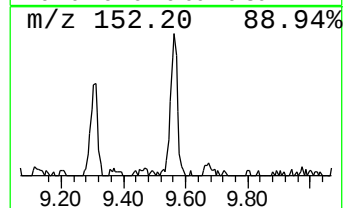
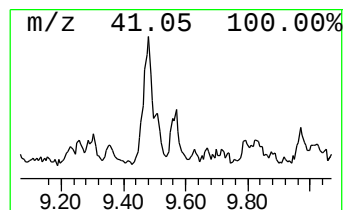
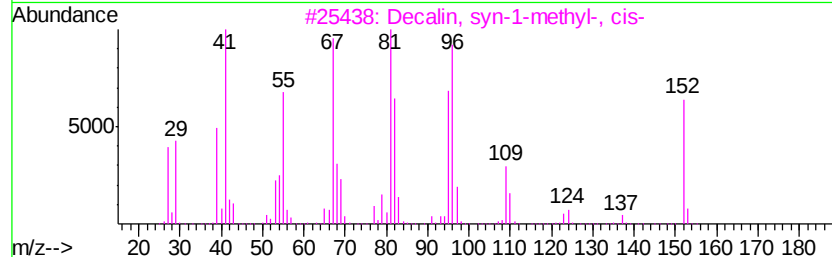
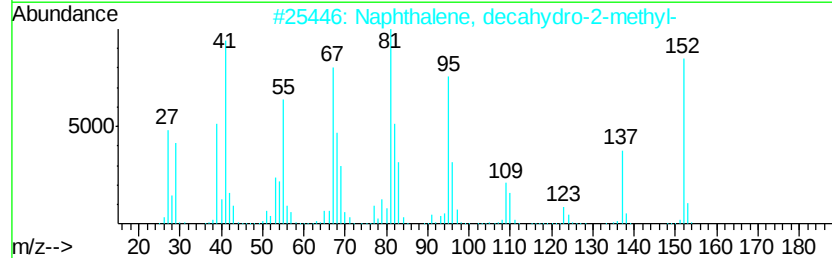
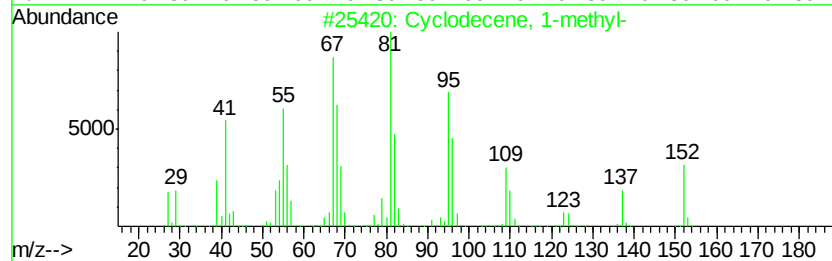
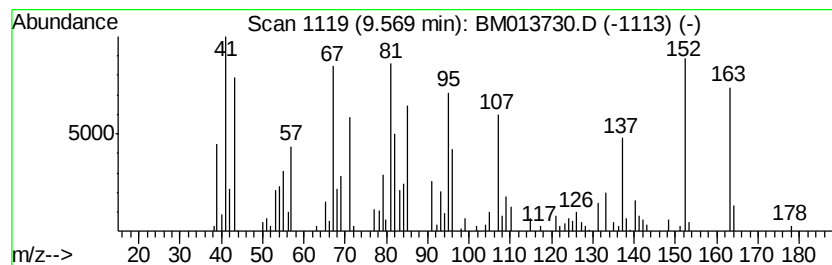
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Cyclodecene, 1-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	3.90 ng/ul	395046	Naphthalene-d8	10.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	64
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	60
3		Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	50
4		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	50
5		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	49



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013730.D
Acq On : 23 Jan 2018 13:22
Operator : SJ/JU
Sample : J1174-12
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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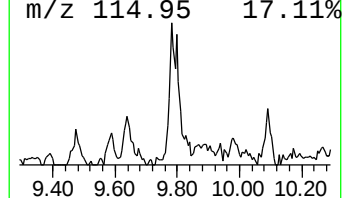
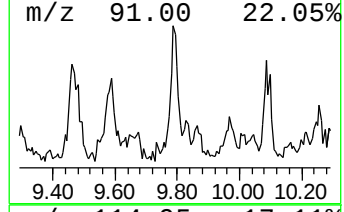
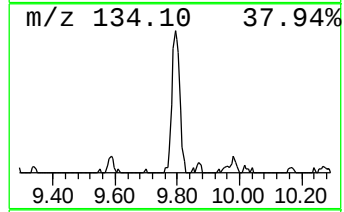
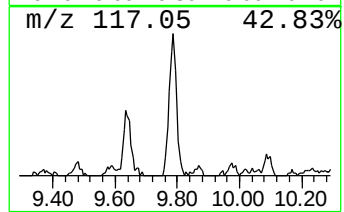
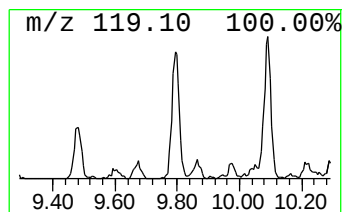
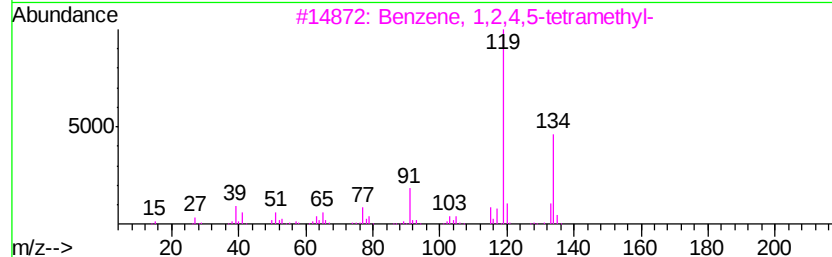
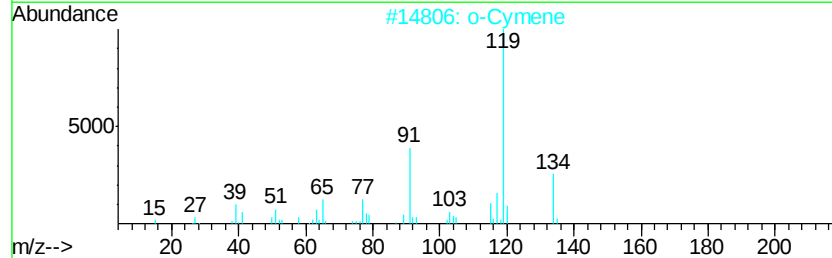
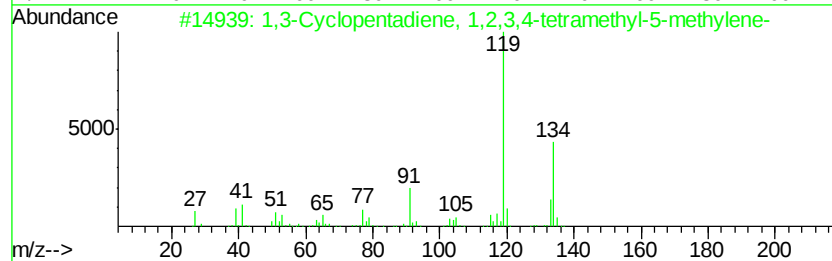
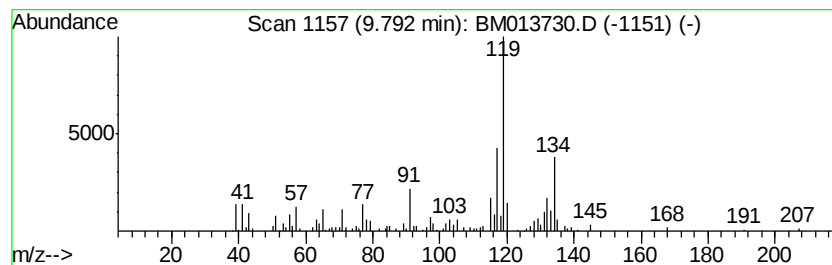
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	3.48 ng/ul	352861	Napthalene-d8	10.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	64
2		o-Cymene	134	C10H14	000527-84-4	64
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
5		p-Cymene	134	C10H14	000099-87-6	60



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
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Acq On : 23 Jan 2018 13:22
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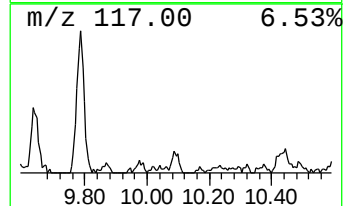
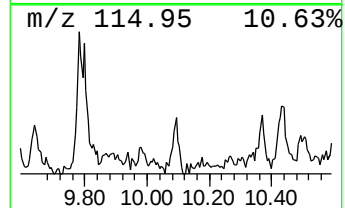
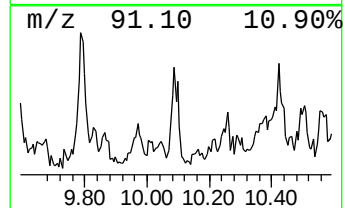
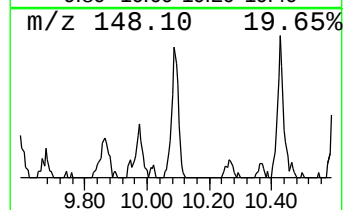
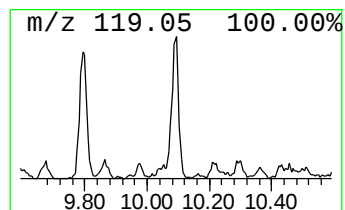
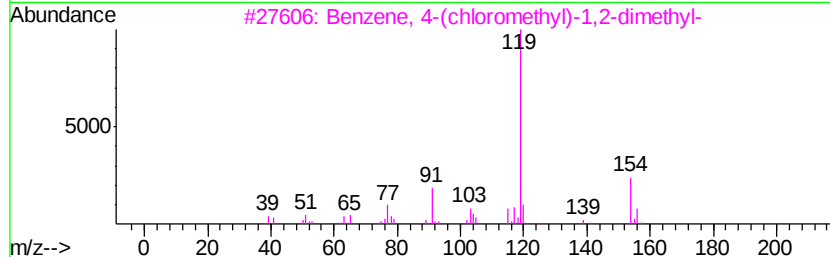
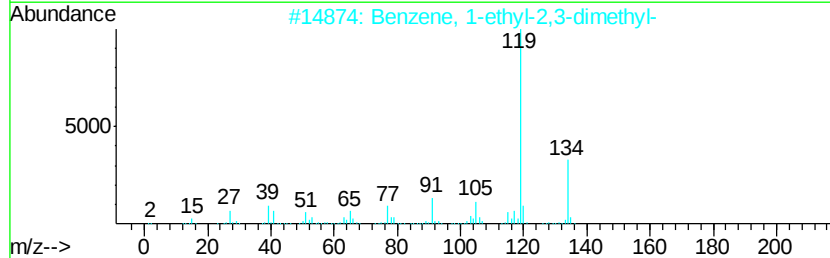
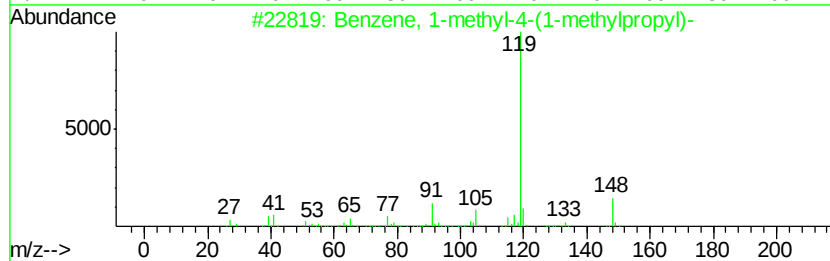
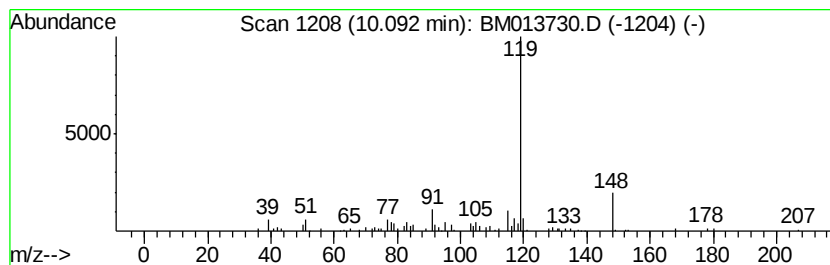
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Benzene, 1-methyl-4-(1-meth... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	2.34 ng/ul	237557	Napthalene-d8	10.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	87
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	53
3			Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	53
4			Bis[2,4-dimethylbenzyl]sulfone	302	C18H22O2S	1000251-42-1	53
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	53



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013730.D
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Operator : SJ/JU
Sample : J1174-12
Misc :
ALS Vial : 46 Sample Multiplier: 1

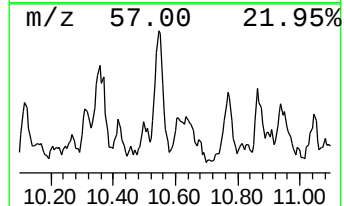
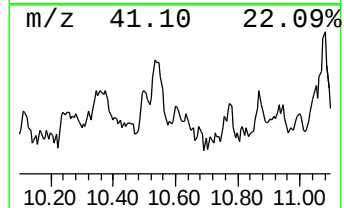
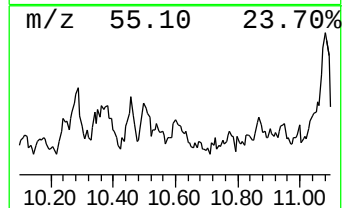
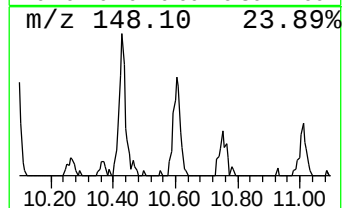
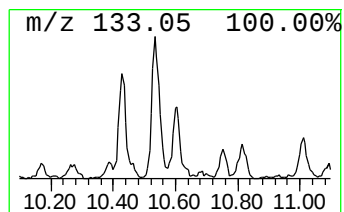
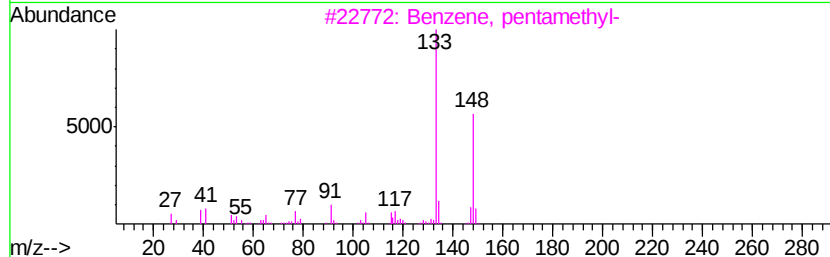
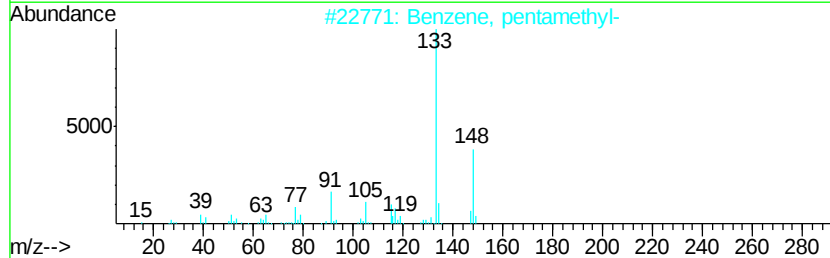
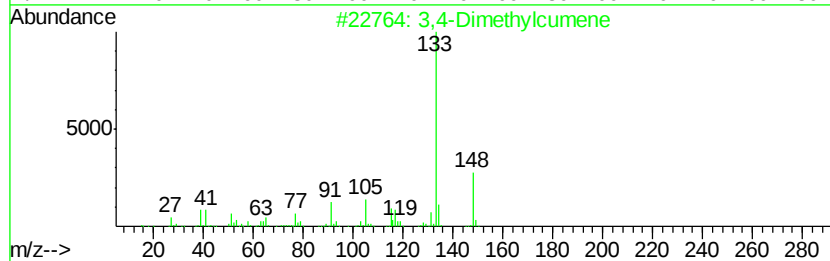
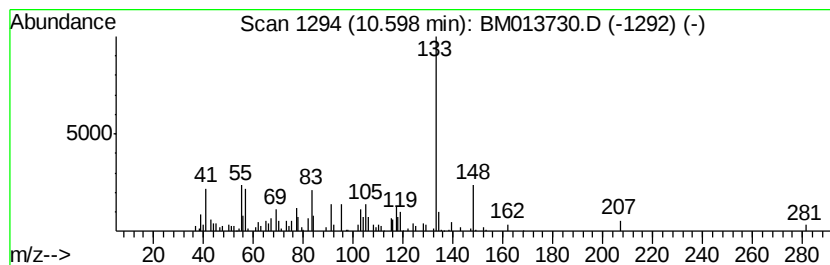
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 3,4-Dimethylcumene Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	2.02 ng/ul	204705	Naphthalene-d8	10.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3,4-Dimethylcumene	148 C11H16	1000370-34-1	64
2	Benzene, pentamethyl-	148 C11H16	000700-12-9	62
3	Benzene, pentamethyl-	148 C11H16	000700-12-9	58
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148 C11H16	004218-48-8	52
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148 C11H16	004218-48-8	52



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013730.D
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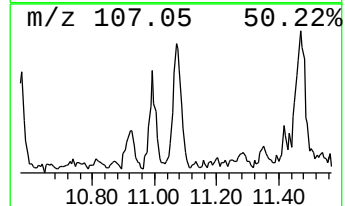
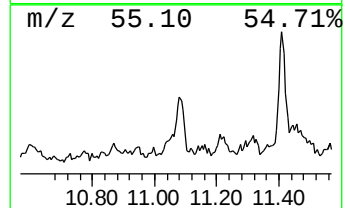
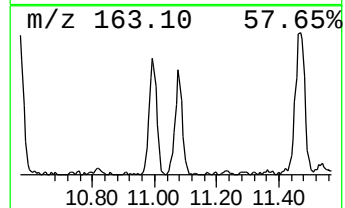
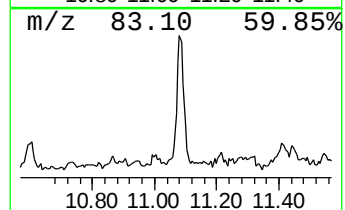
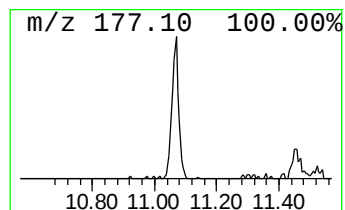
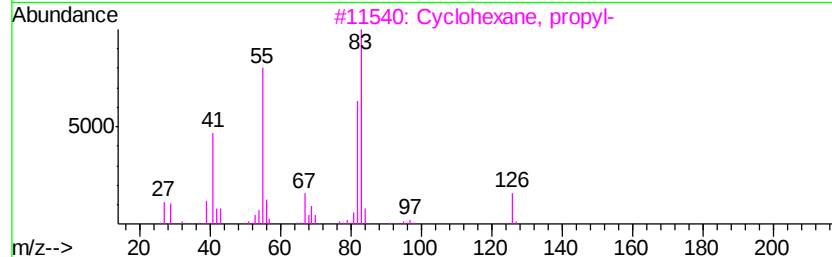
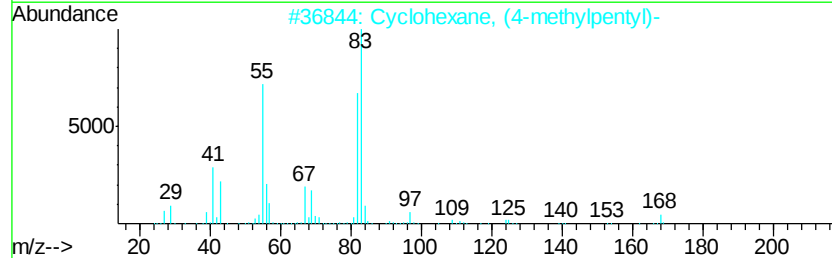
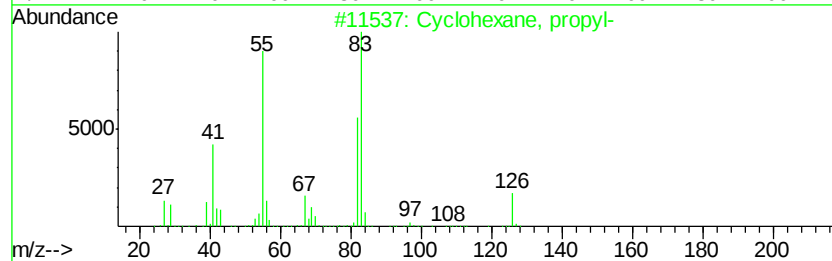
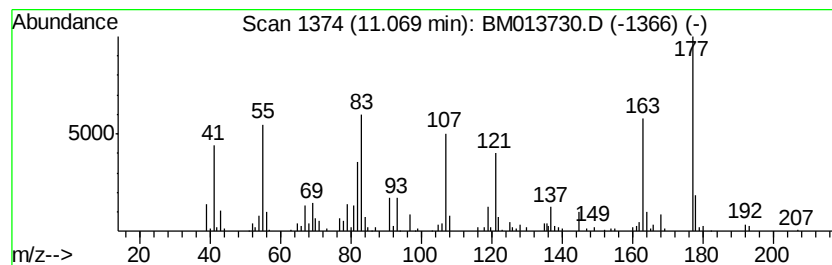
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Cyclic11.07 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	5.95 ng/ul	603173	Napthalene-d8	10.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, propyl-	126	C9H18	001678-92-8	41
2		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	38
4		Cyclohexane, hexyl-	168	C12H24	004292-75-5	35
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	35



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013730.D
Acq On : 23 Jan 2018 13:22
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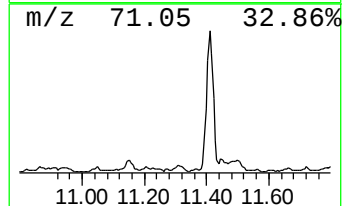
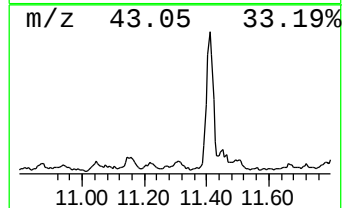
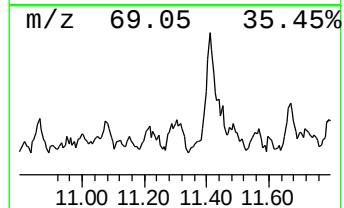
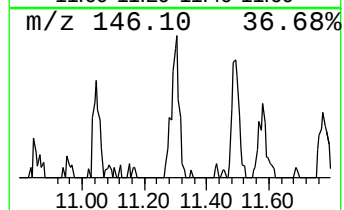
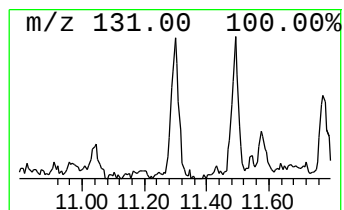
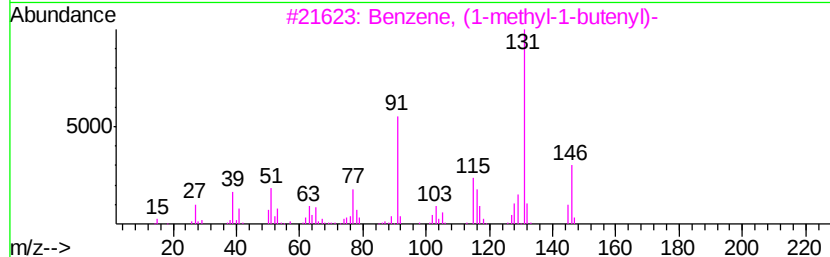
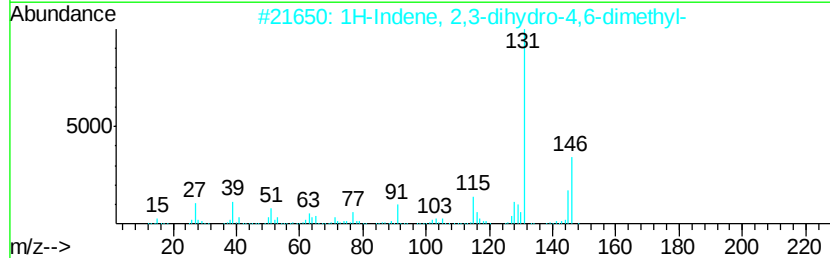
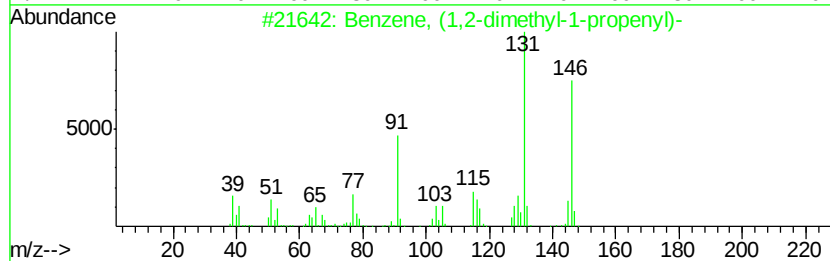
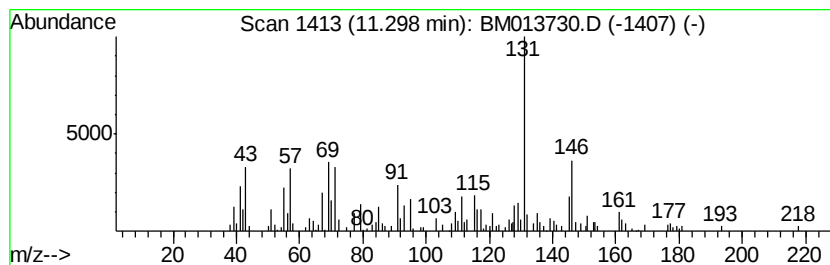
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Benzene, (1,2-dimethyl-1-propenyl)- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	2.77 ng/ul	280743	Naphthalene-d8	10.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	92
2		1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	76
3		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
5		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	76



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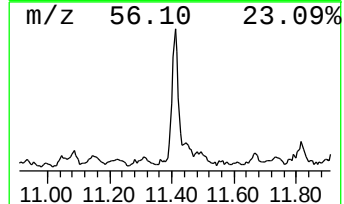
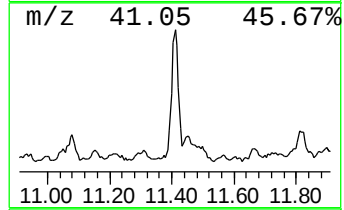
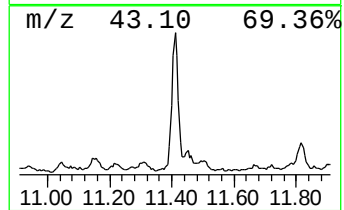
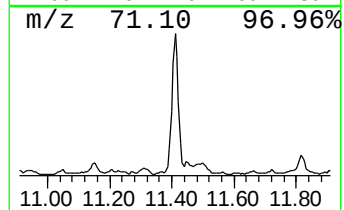
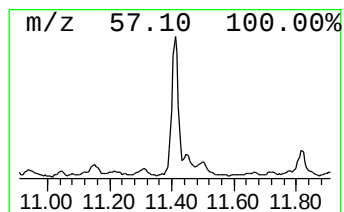
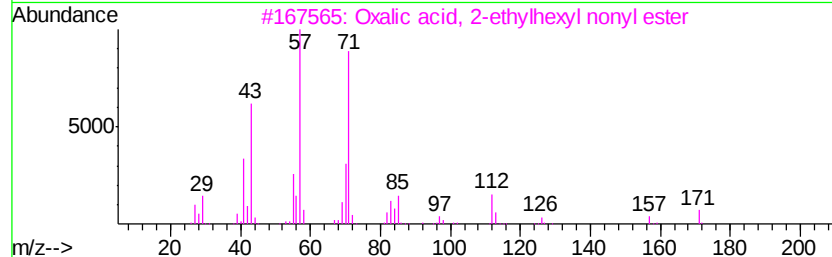
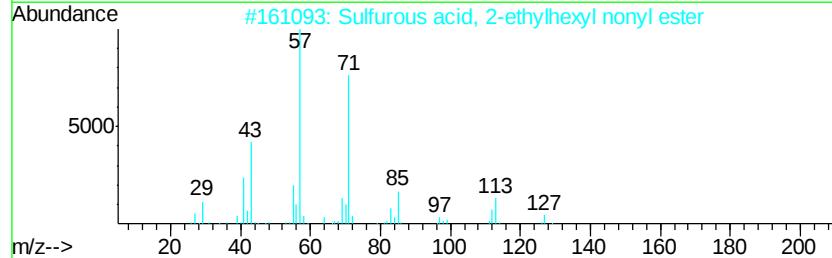
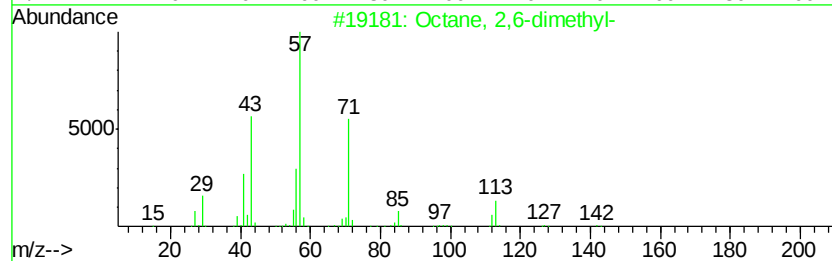
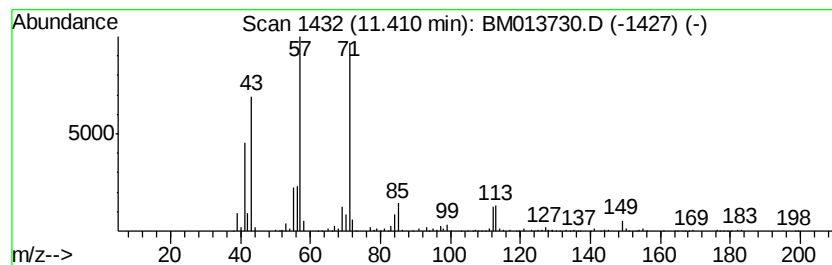
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	14.43 ng/ul	1463610	Napthalene-d8	10.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2		Sulfurous acid, 2-ethylhexyl nonyl ester	320	C17H36O3S	1000309-19-2	80
3		Oxalic acid, 2-ethylhexyl nonyl ester	328	C19H36O4	1000309-39-2	72
4		Sulfurous acid, octyl 2-propyl ester	236	C11H24O3S	1000309-11-9	59
5		Sulfurous acid, 2-ethylhexyl penyl ester	264	C13H28O3S	1000309-18-9	59



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
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ALS Vial : 46 Sample Multiplier: 1

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ClientSampleId :
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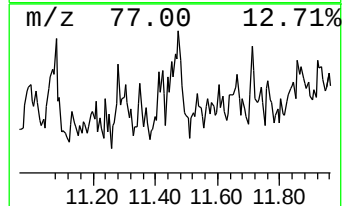
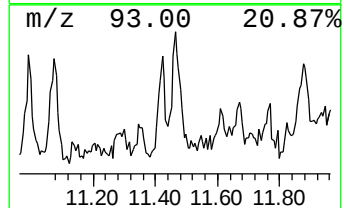
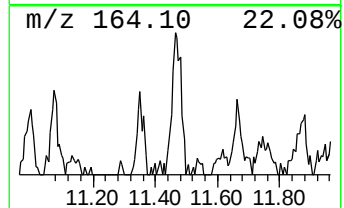
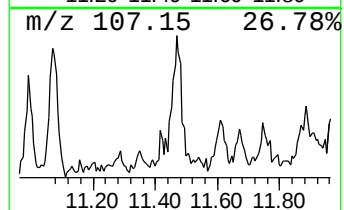
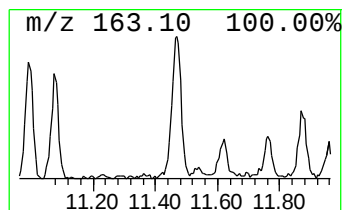
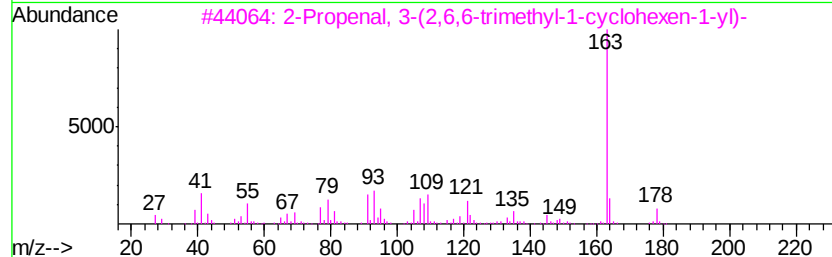
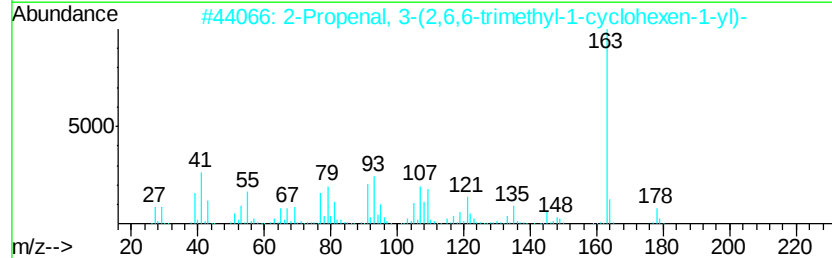
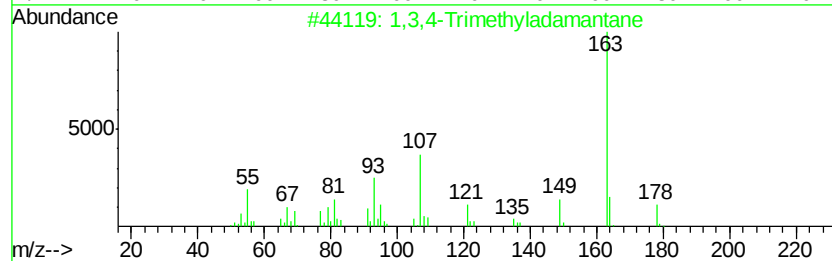
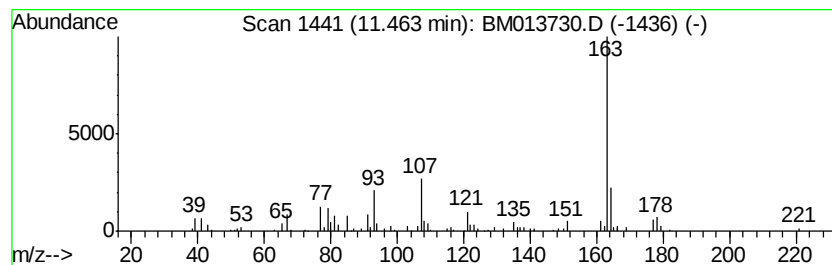
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 1,3,4-Trimethyladamantane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	7.18 ng/ul	727892	Naphthalene-d8	10.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,4-Trimethyladamantane	178	C13H22	1000214-98-3	50
2		2-Propenal, 3-(2,6,6-trimethyl-1...	178	C12H18O	004951-40-0	47
3		2-Propenal, 3-(2,6,6-trimethyl-1...	178	C12H18O	004951-40-0	47
4		Tetracyclo[5.4.3.0(7,11)]tetradec...	318	C20H30O3	1000196-43-4	40
5		1,2-Hexanediol, 1,2-diphenyl-	270	C18H22O2	080475-19-0	40



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013730.D
Acq On : 23 Jan 2018 13:22
Operator : SJ/JU
Sample : J1174-12
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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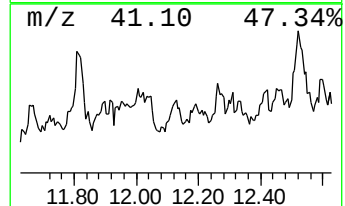
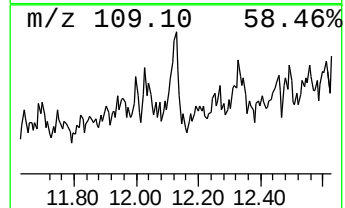
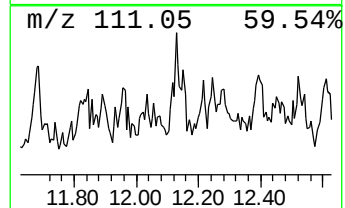
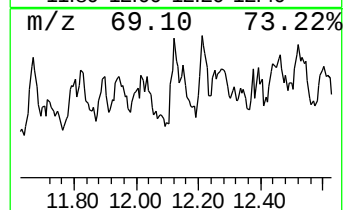
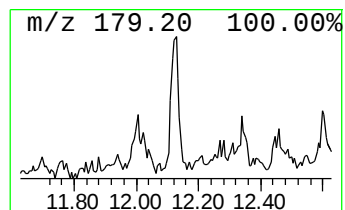
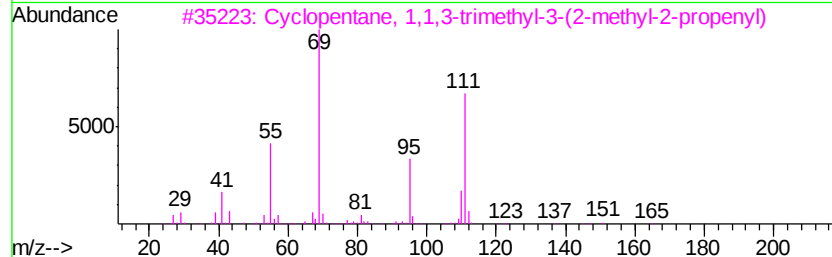
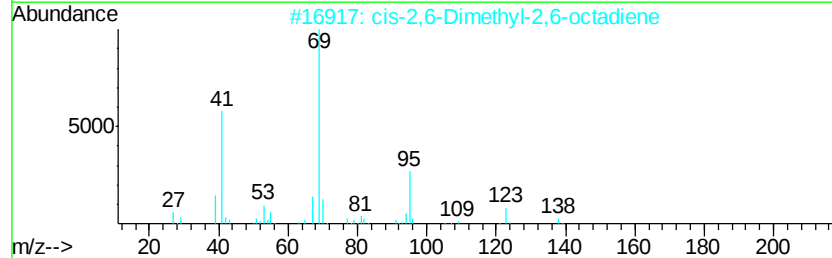
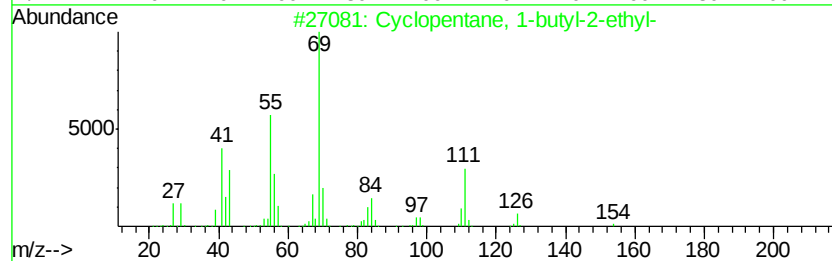
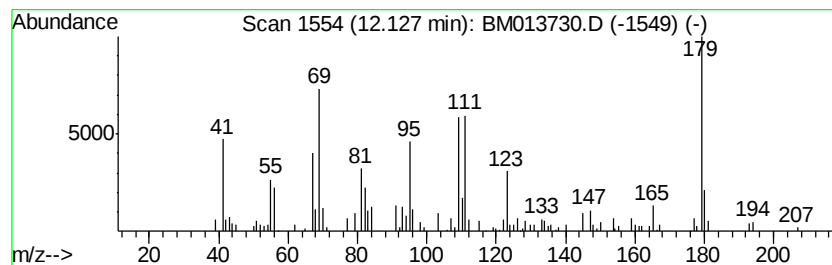
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Cyclic12.13 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	2.01 ng/ul	204130	Naphthalene-d8	10.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	38
2		cis-2,6-Dimethyl-2,6-octadiene	138	C10H18	002492-22-0	27
3		Cyclopentane, 1,1,3-trimethyl-3-...	166	C12H22	074421-09-3	27
4		2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	22
5		Isoxazole, 3,4-dimethyl-5-(2-thi...	179	C9H9NOS	056421-65-9	22



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013730.D
Acq On : 23 Jan 2018 13:22
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Misc :
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ClientSampleId :
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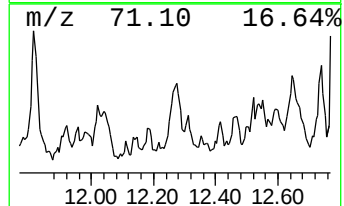
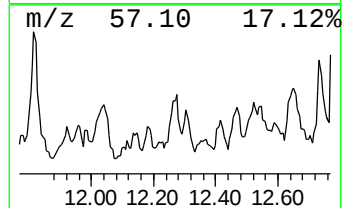
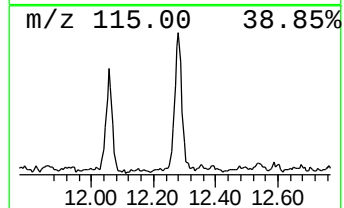
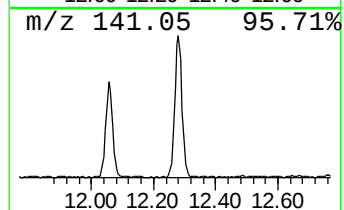
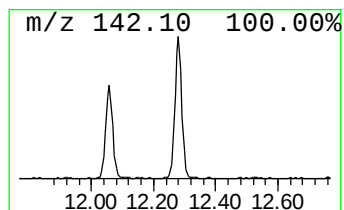
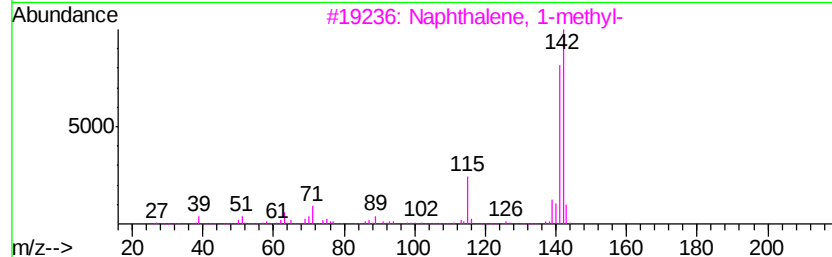
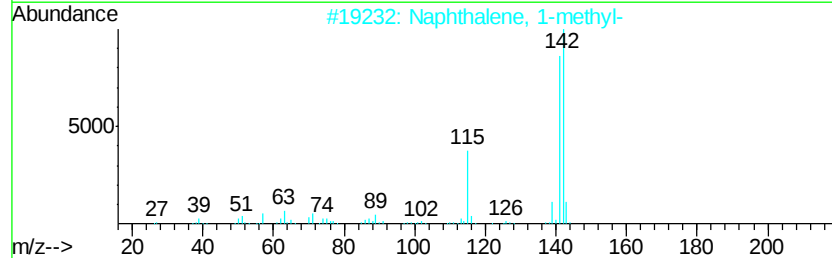
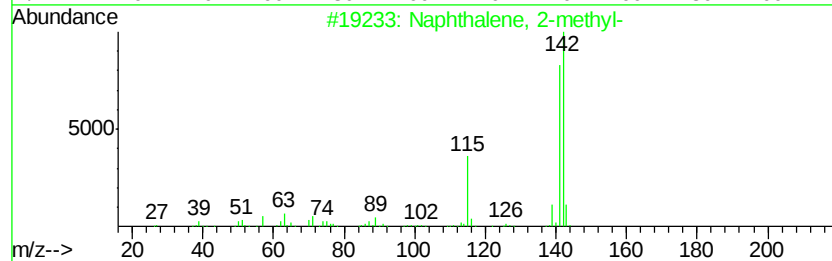
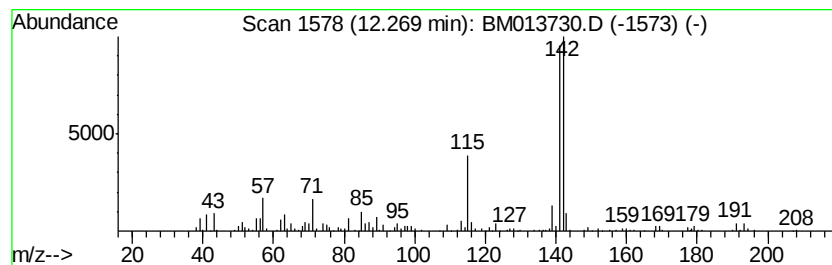
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Naphthalene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	9.93 ng/ul	1006510	Naphthalene-d8	10.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013730.D
Acq On : 23 Jan 2018 13:22
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Misc :
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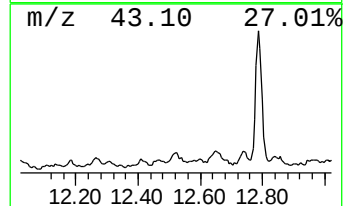
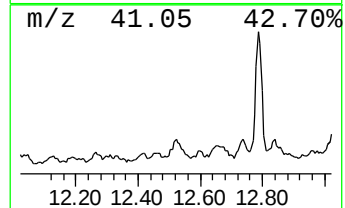
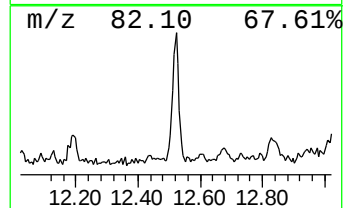
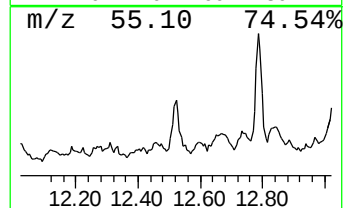
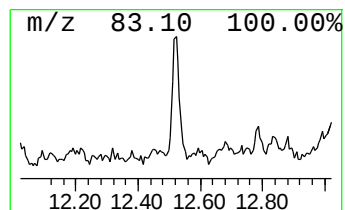
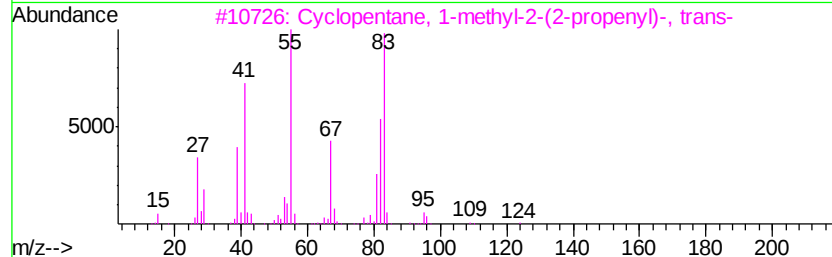
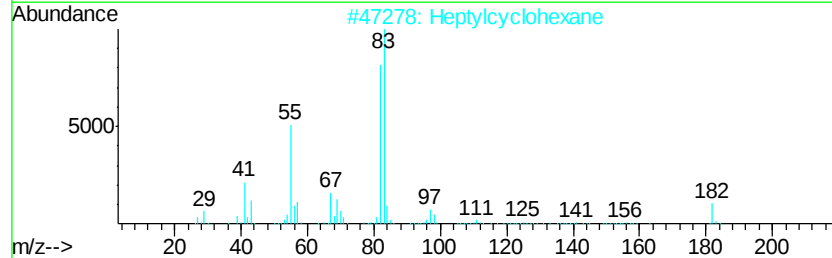
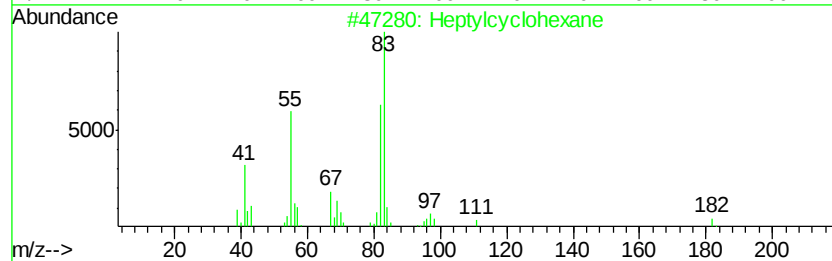
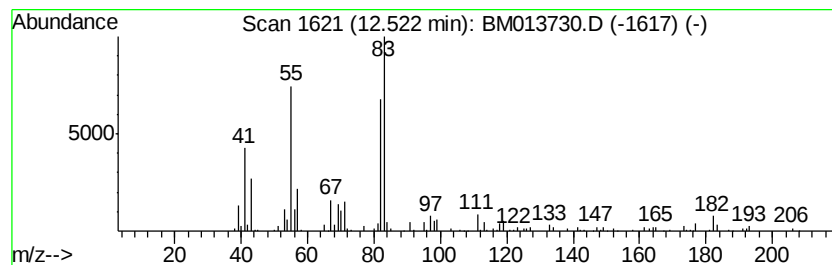
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Cyclic12.52 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	2.18 ng/ul	363028	Acenaphthene-d10	14.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptylcyclohexane	182	C13H26	005617-41-4	83
2			Heptylcyclohexane	182	C13H26	005617-41-4	83
3			Cyclopentane, 1-methyl-2-(2-propenyl)-, trans-	124	C9H16	050746-53-7	64
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	64



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
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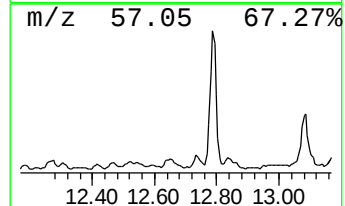
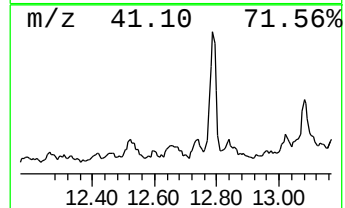
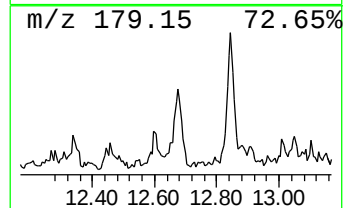
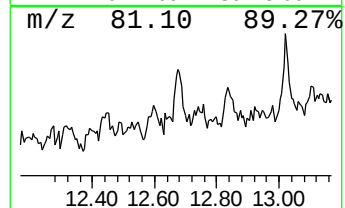
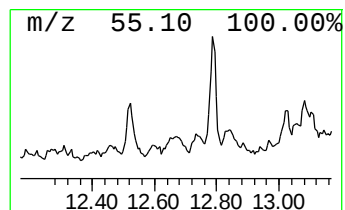
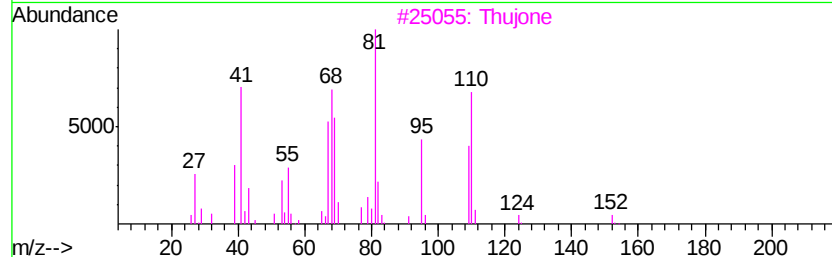
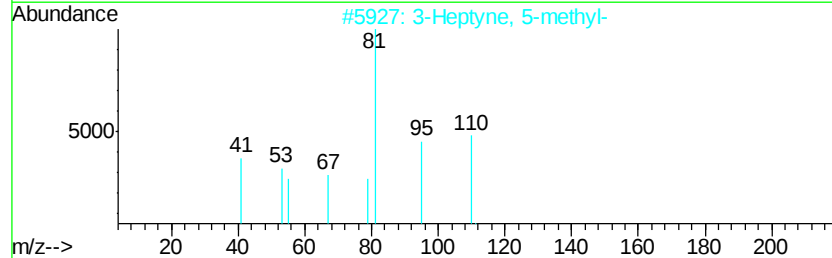
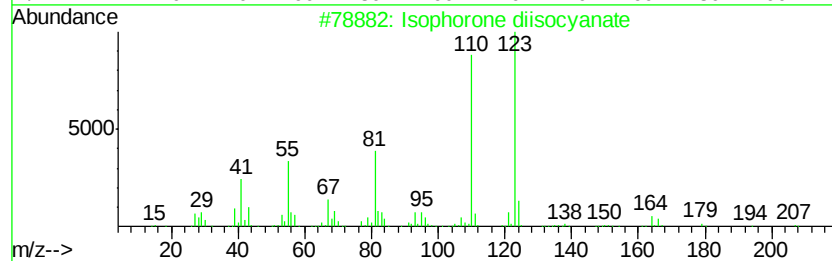
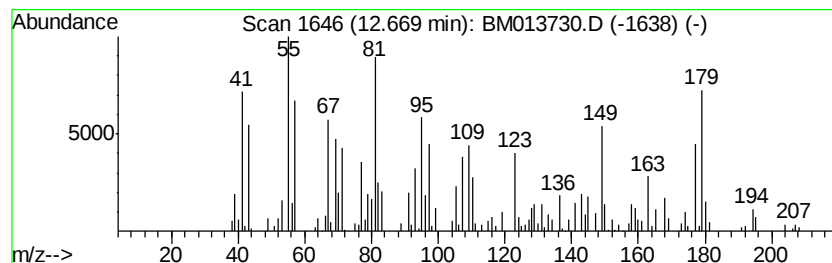
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 unknown-01 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.67	3.07 ng/ul	512978	Acenaphthene-d10		14.26
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isophorone diisocyanate	222	C12H18N2O2	004098-71-9	22
2	3-Heptyne, 5-methyl-	110	C8H14	061228-09-9	22
3	Thujone	152	C10H16O	000546-80-5	22
4	Spiro[2.5]octane	110	C8H14	000185-65-9	22
5	Cyclohexane, ethenyl-	110	C8H14	000695-12-5	14



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013730.D
Acq On : 23 Jan 2018 13:22
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Sample : J1174-12
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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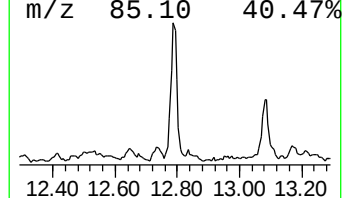
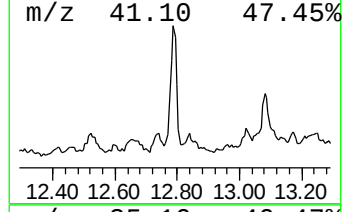
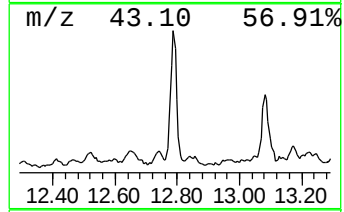
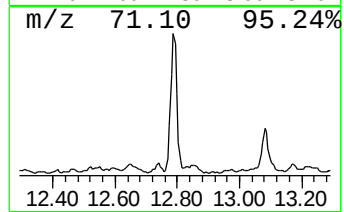
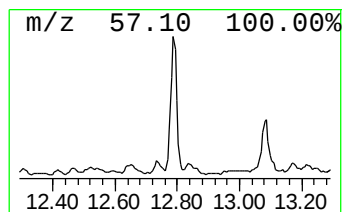
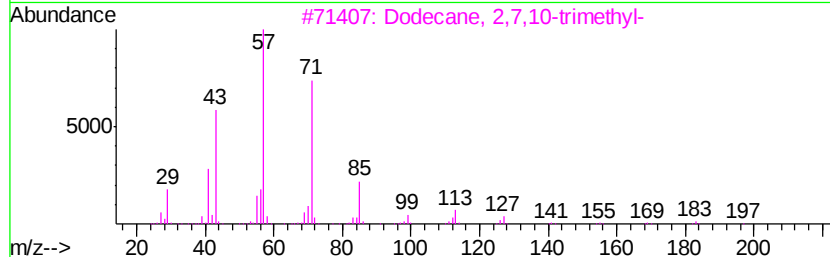
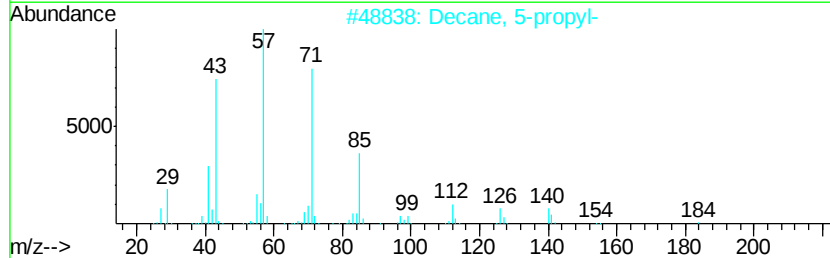
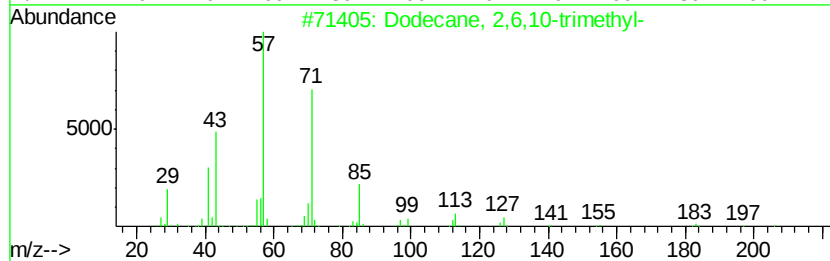
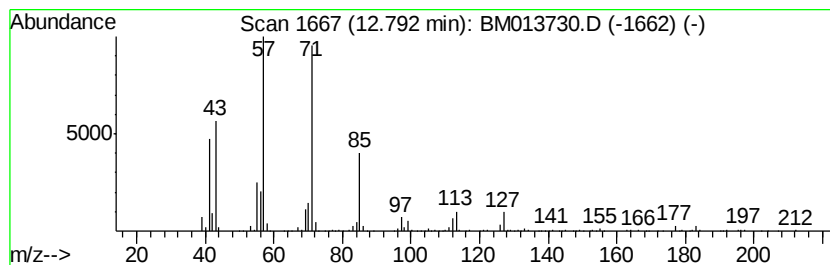
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	10.27 ng/ul	1714650	Acenaphthene-d10	14.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	87
2		Decane, 5-propyl-	184	C13H28	017312-62-8	80
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	74



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
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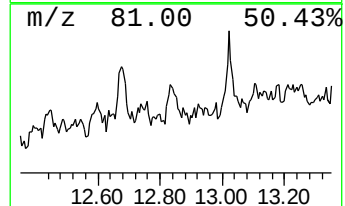
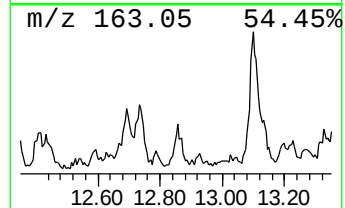
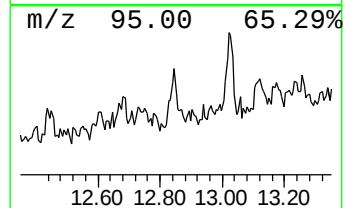
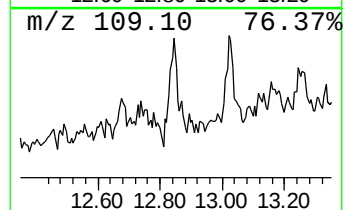
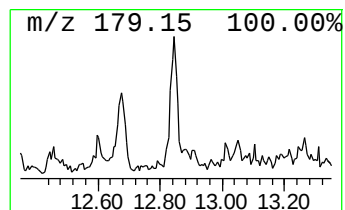
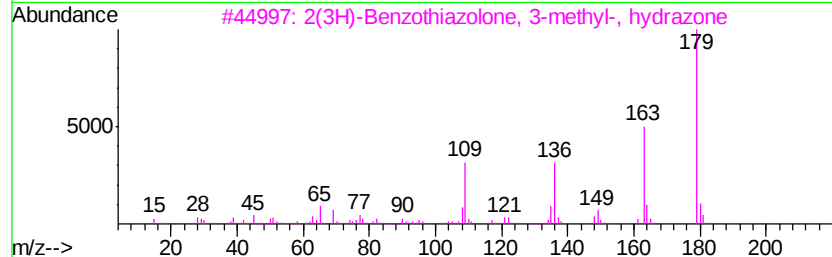
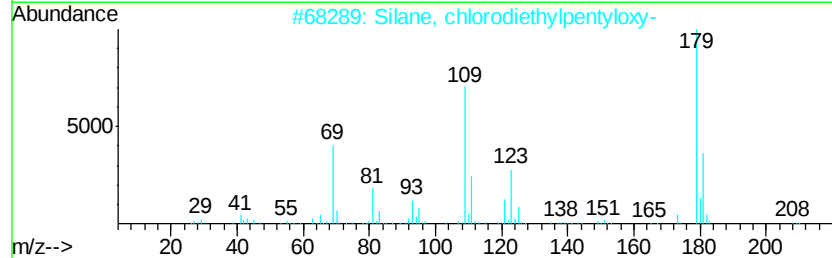
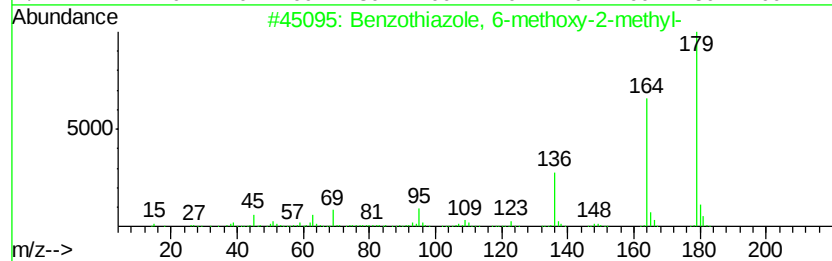
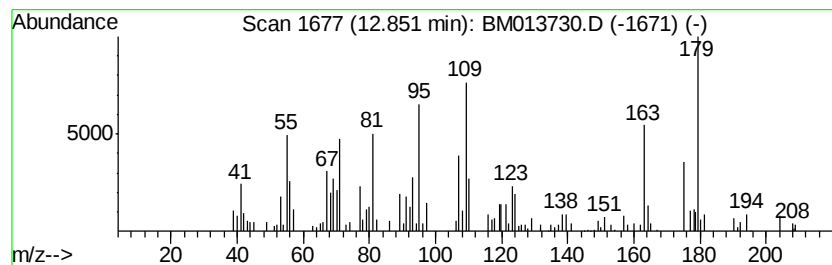
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 unknown-02 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	2.11 ng/ul	351574	Acenaphthene-d10	14.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzothiazole, 6-methoxy-2-methyl-	179 C9H9NOS	002941-72-2 46
2		Silane, chlorodiethylpentyl-oxo-	208 C9H21ClOSi	1000363-04-4 46
3		2(3H)-Benzothiazolone, 3-methyl-	179 C8H9N3S	001128-67-2 46
4		Benzoic acid, 4-nitroso-, ethyl	179 C9H9NO3	007476-79-1 25
5		1,3-Hexadiene, 3-ethyl-2-methyl-	124 C9H16	074752-97-9 18



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
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ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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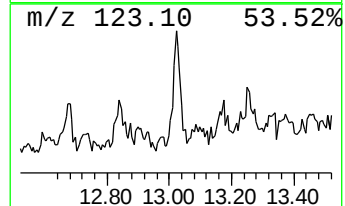
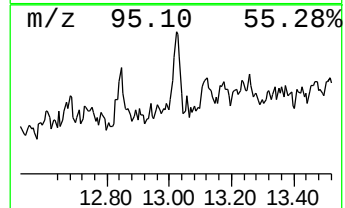
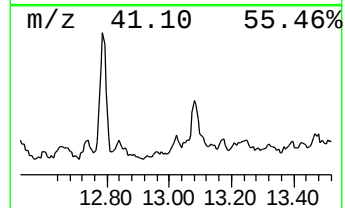
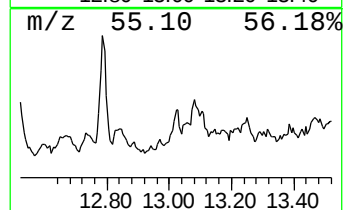
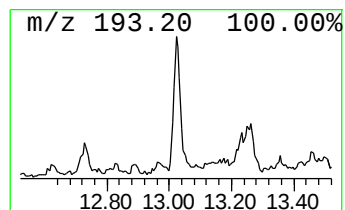
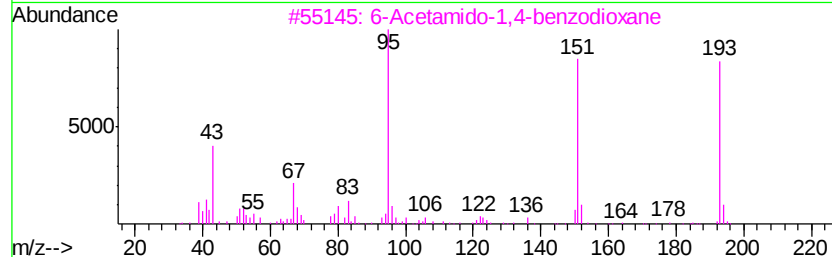
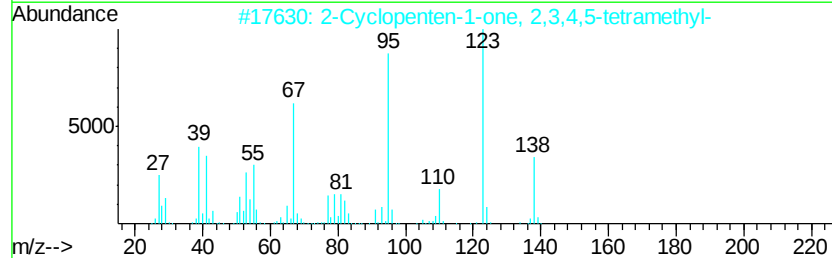
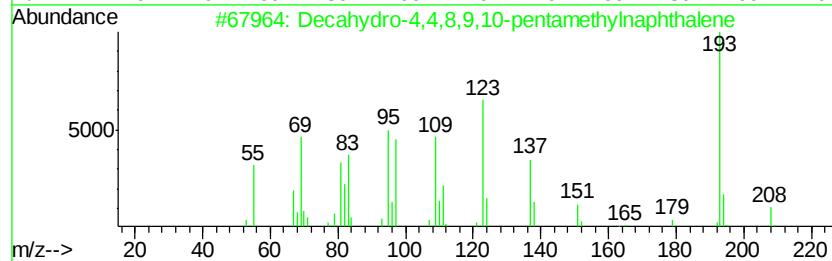
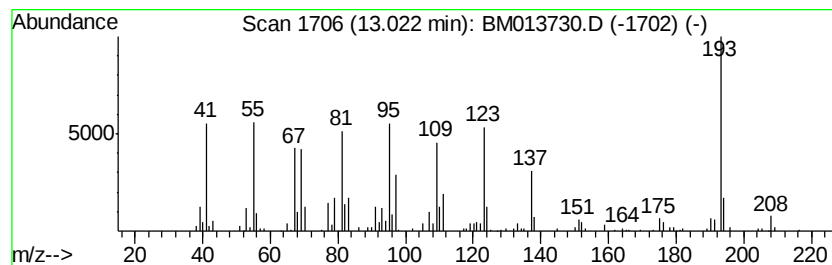
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Decahydro-4,4,8,9,10-pentam... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	2.18 ng/ul	363901	Acenaphthene-d10	14.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	50
2		2-Cyclopenten-1-one, 2,3,4,5-tet...	138	C9H14O	054458-61-6	38
3		6-Acetamido-1,4-benzodioxane	193	C10H11NO3	063546-19-0	38
4		Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	006069-97-2	25
5		6-Methylphenanthridine	193	C14H11N	003955-65-5	18



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013730.D
Acq On : 23 Jan 2018 13:22
Operator : SJ/JU
Sample : J1174-12
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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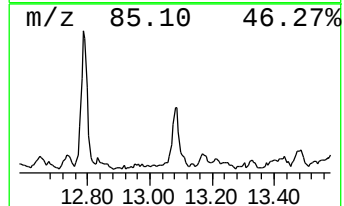
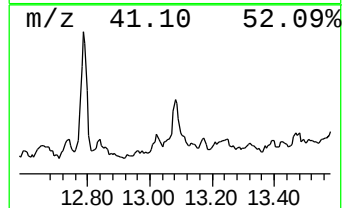
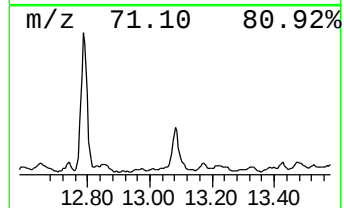
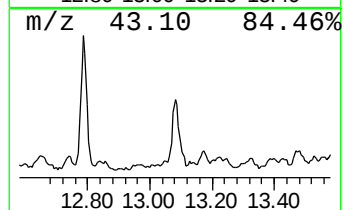
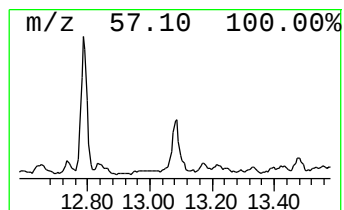
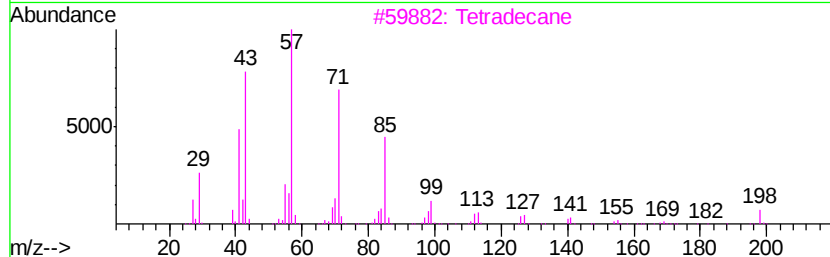
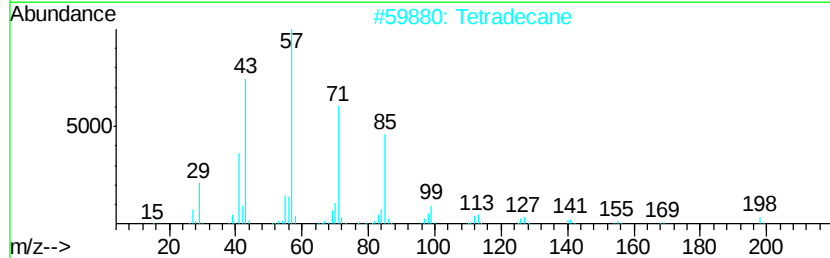
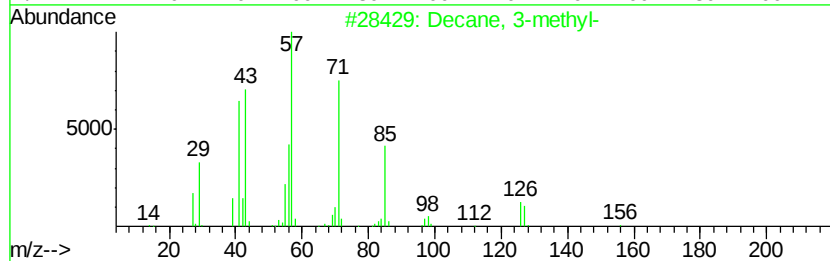
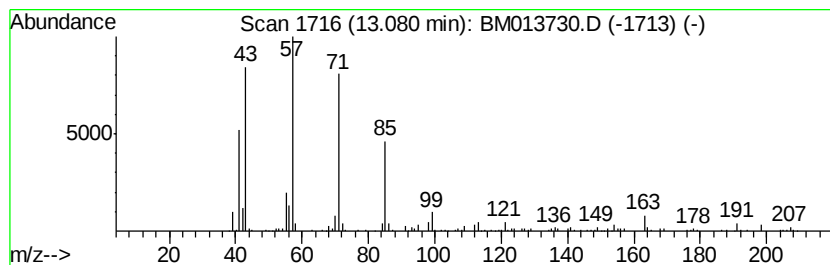
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	4.22 ng/ul	703657	Acenaphthene-d10	14.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	83
2			Tetradecane	198	C14H30	000629-59-4	83
3			Tetradecane	198	C14H30	000629-59-4	72
4			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
5			4-Octanone	128	C8H16O	000589-63-9	64



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013730.D
Acq On : 23 Jan 2018 13:22
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Sample : J1174-12
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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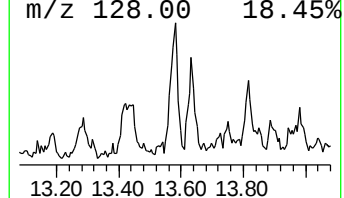
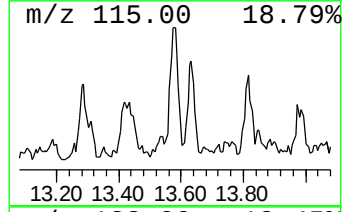
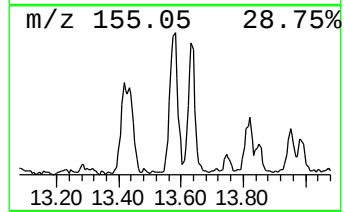
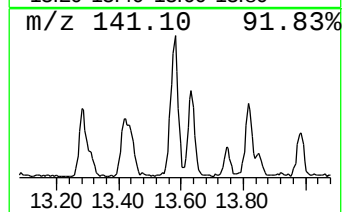
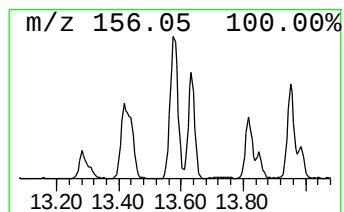
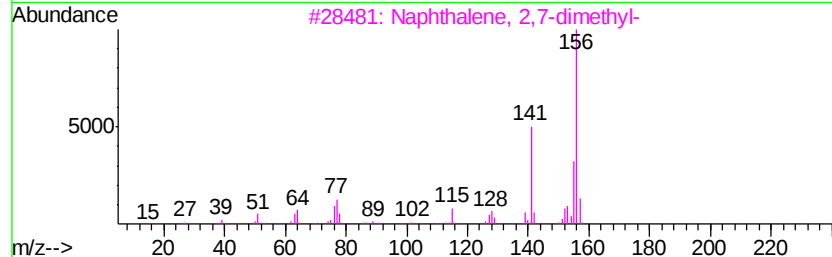
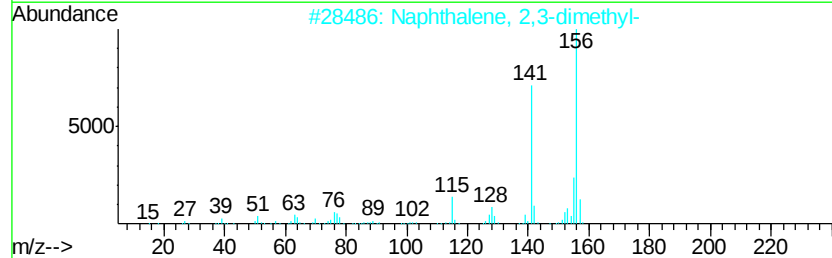
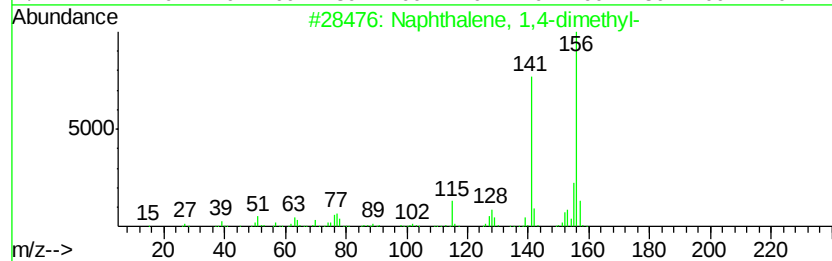
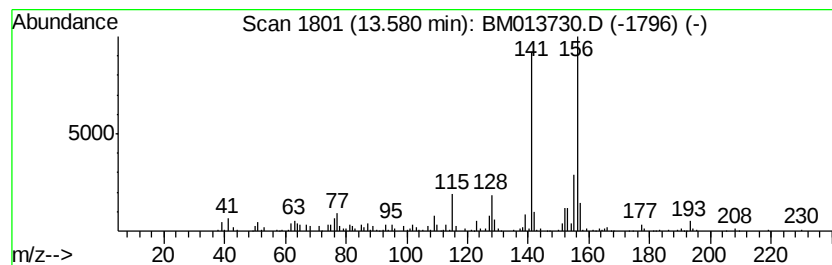
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Naphthalene, 1,4-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	5.47 ng/ul	912926	Acenaphthene-d10	14.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
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Acq On : 23 Jan 2018 13:22
Operator : SJ/JU
Sample : J1174-12
Misc :
ALS Vial : 46 Sample Multiplier: 1

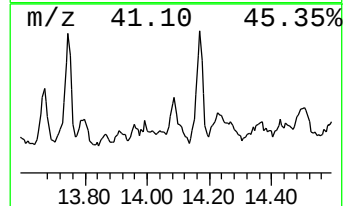
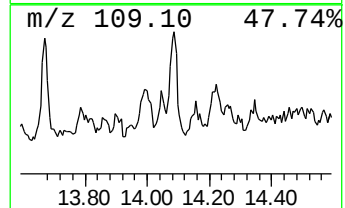
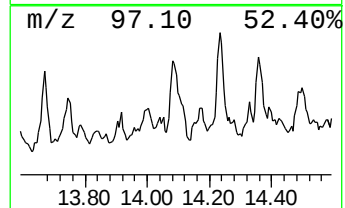
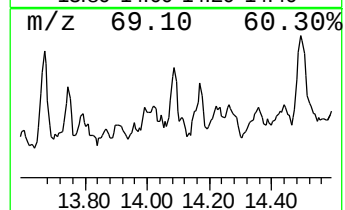
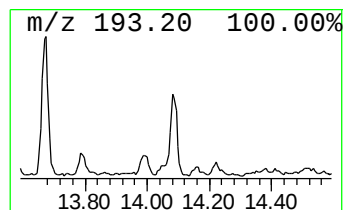
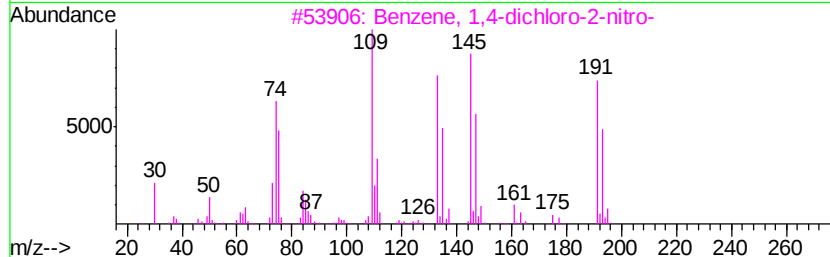
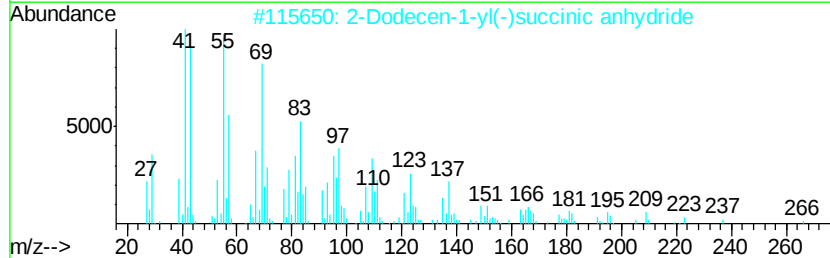
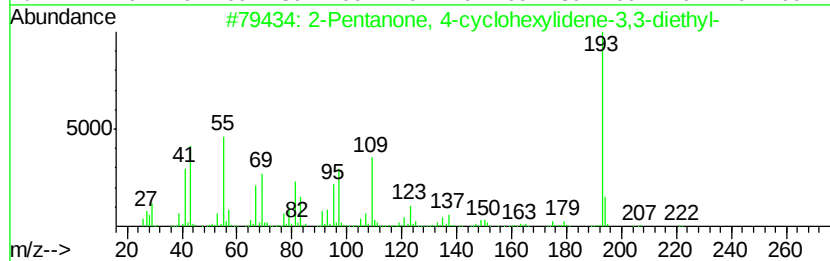
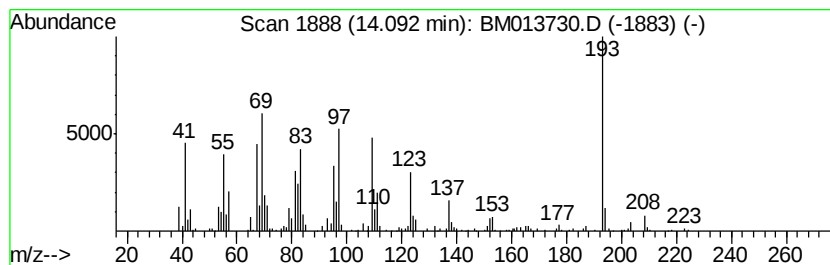
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 2-Pentanone, 4-cyclohexylid... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	6.94 ng/ul	1158490	Acenaphthene-d10	14.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Pentanone, 4-cvclohexylidene-3...	222 C15H26O	313253-65-5	53
2	2-Dodecen-1-yl(-)succinic anhydride	266 C16H26O3	019780-11-1	38
3	Benzene, 1,4-dichloro-2-nitro-	191 C6H3Cl2NO2	000089-61-2	35
4	[1,1'-Biphenyl]-4-acetonitrile	193 C14H11N	031603-77-7	25
5	Hexadecanenitrile	237 C16H31N	000629-79-8	22



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013730.D
Acq On : 23 Jan 2018 13:22
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Sample : J1174-12
Misc :
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ClientSampleId :
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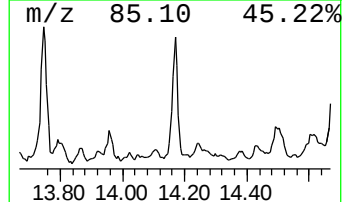
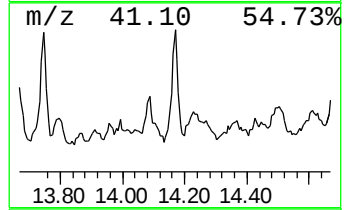
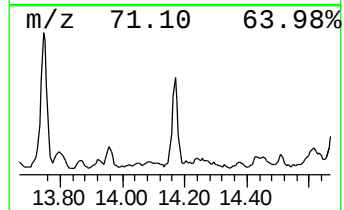
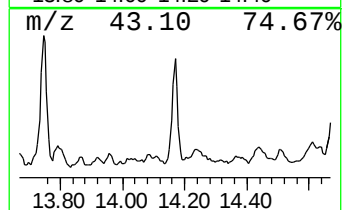
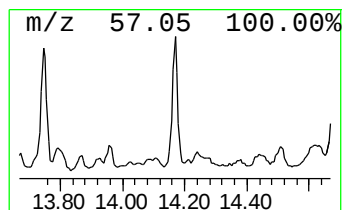
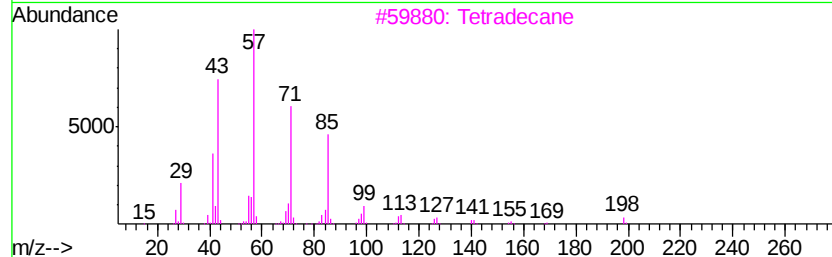
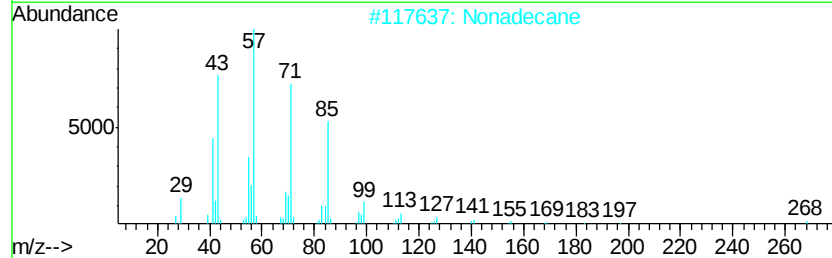
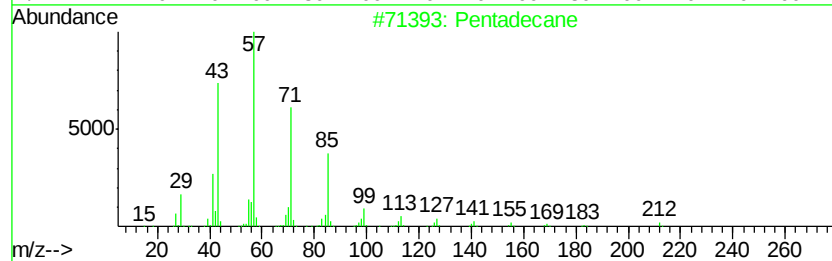
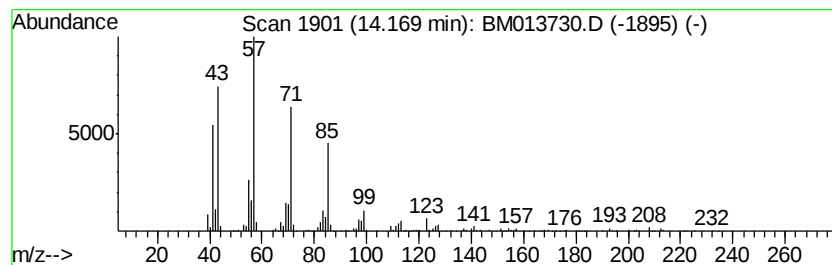
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	10.00 ng/ul	1668710	Acenaphthene-d10	14.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	95
2		Nonadecane	268	C19H40	000629-92-5	90
3		Tetradecane	198	C14H30	000629-59-4	86
4		Heneicosane	296	C21H44	000629-94-7	86
5		Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013730.D
Acq On : 23 Jan 2018 13:22
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Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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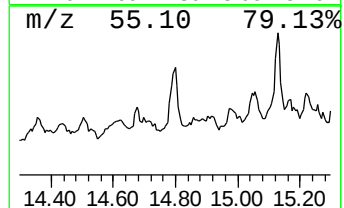
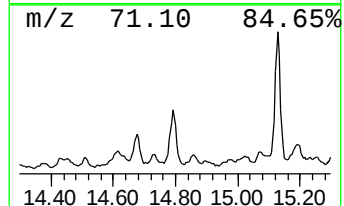
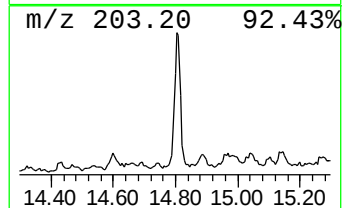
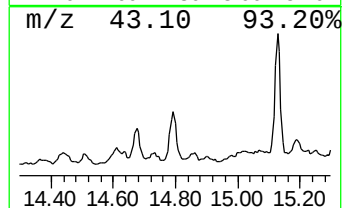
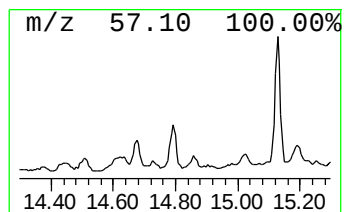
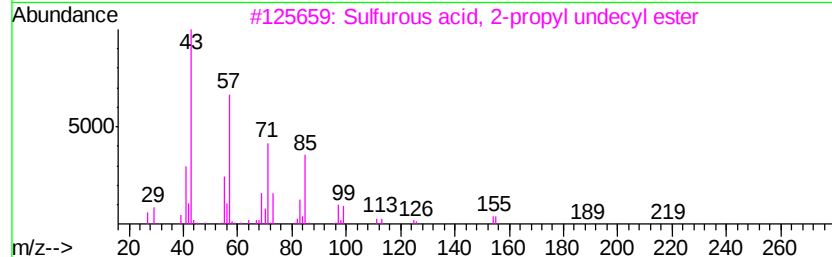
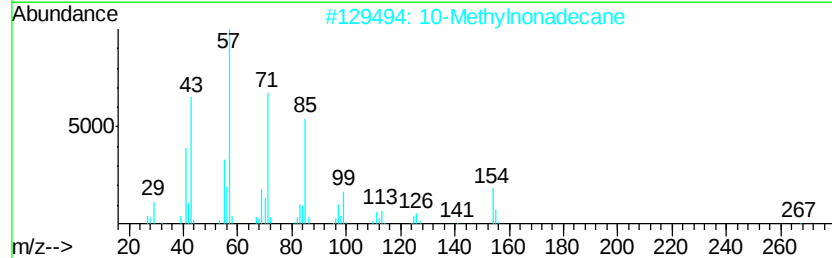
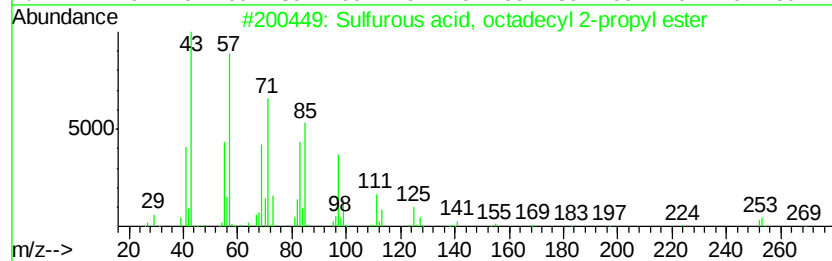
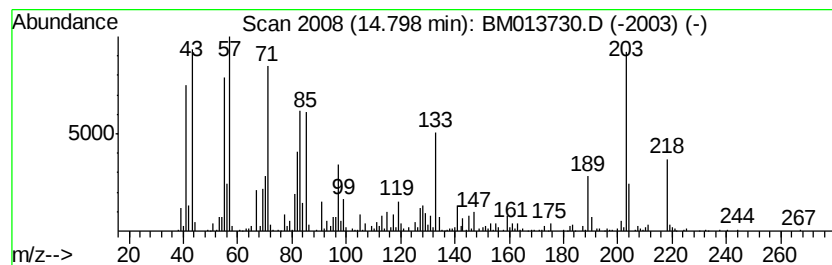
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	11.19 ng/ul	1867920	Acenaphthene-d10	14.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	35
2		10-Methylnonadecane	282	C20H42	056862-62-5	25
3		Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	25
4		4-Octanone	128	C8H16O	000589-63-9	18
5		Nonadecane	268	C19H40	000629-92-5	18



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013730.D
Acq On : 23 Jan 2018 13:22
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Misc :
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Instrument :
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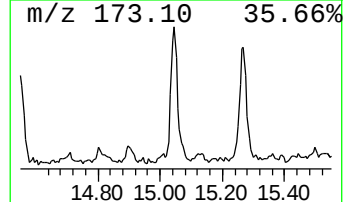
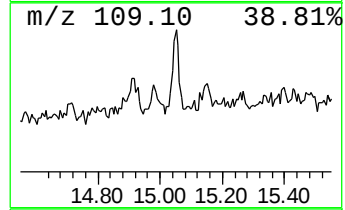
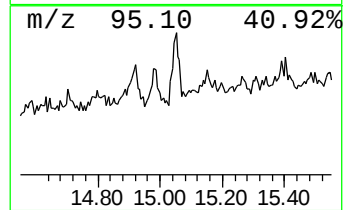
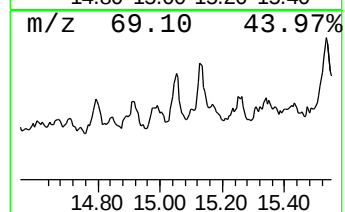
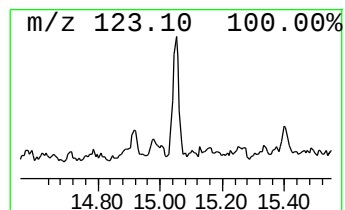
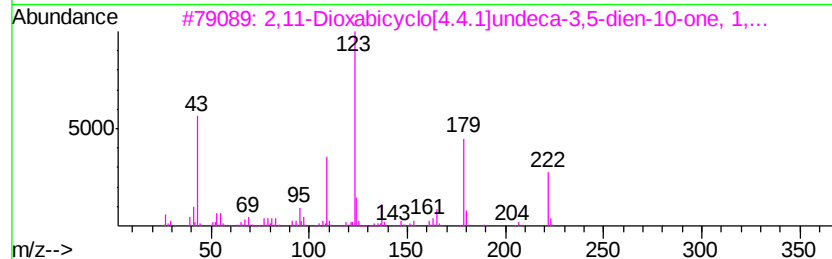
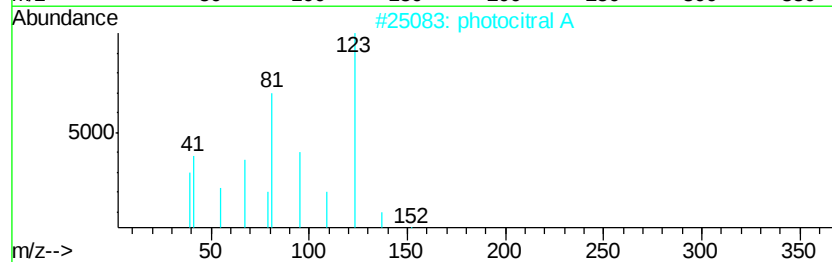
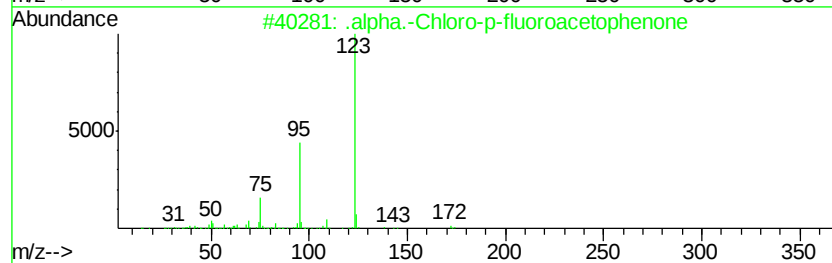
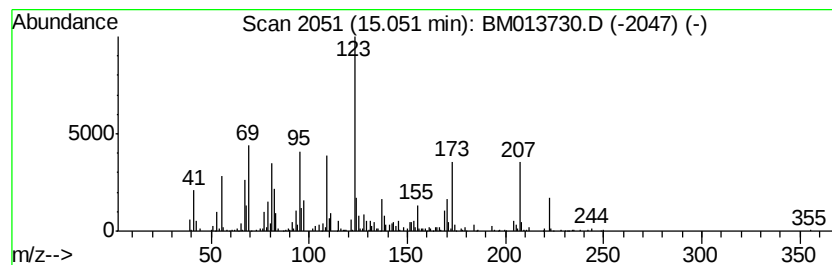
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 unknown-04 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	5.41 ng/ul	903615	Acenaphthene-d10	14.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	alpha.-Chloro-p-fluoroacetophenone	172	C8H6ClFO	000456-04-2	43	
2	photocitral	A	152	C10H16O	055253-28-6	43	
3	2,11-Dioxabicyclo[4.4.1]undeca-3...	222	C13H18O3	070412-52-1	43		
4	4-Fluorobenzoic acid, pentafluor...	306	C13H4F6O2	1000355-67-4	38		
5	4-Fluorobenzoic acid, 2,2-dimeth...	210	C12H15FO2	069912-03-4	38		



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013730.D
Acq On : 23 Jan 2018 13:22
Operator : SJ/JU
Sample : J1174-12
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A47

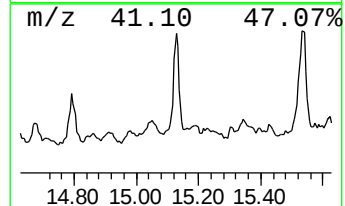
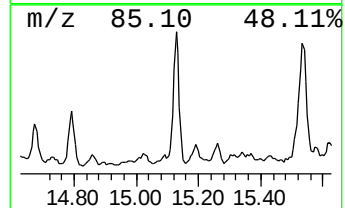
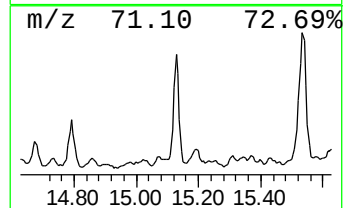
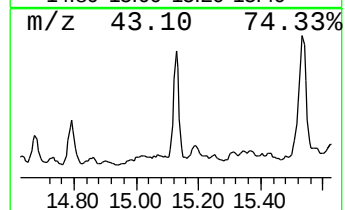
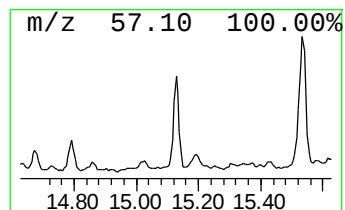
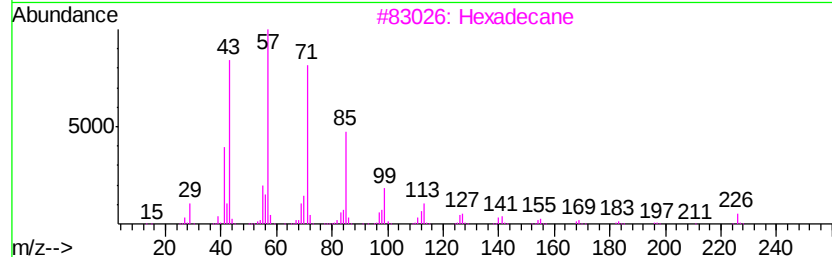
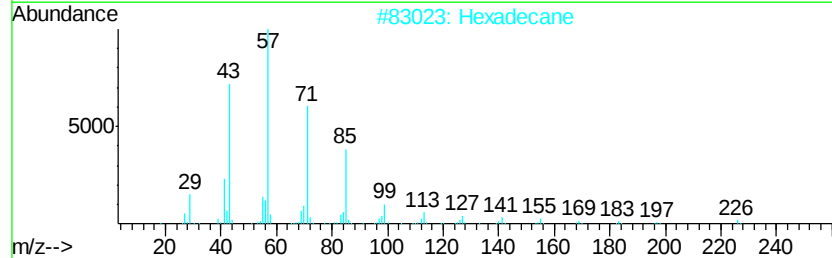
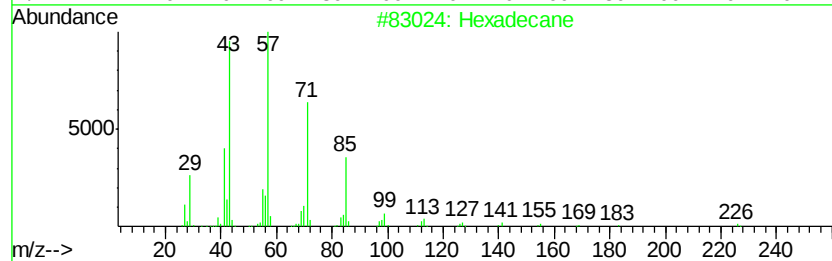
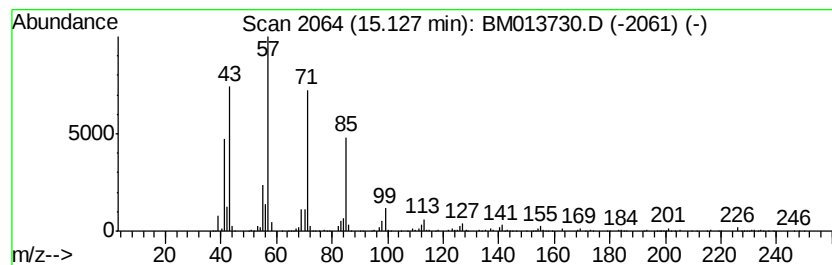
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	11.35 ng/ul	1894020	Acenaphthene-d10	14.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Hexadecane	226	C16H34	000544-76-3	93
3		Hexadecane	226	C16H34	000544-76-3	93
4		Tetradecane	198	C14H30	000629-59-4	91
5		Pentadecane	212	C15H32	000629-62-9	91



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013730.D
Acq On : 23 Jan 2018 13:22
Operator : SJ/JU
Sample : J1174-12
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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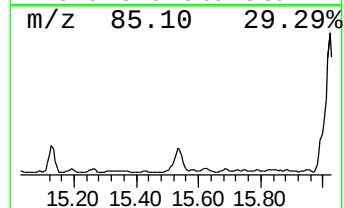
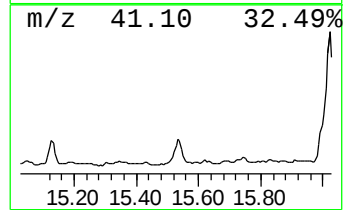
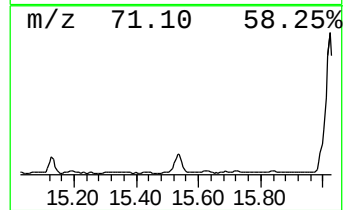
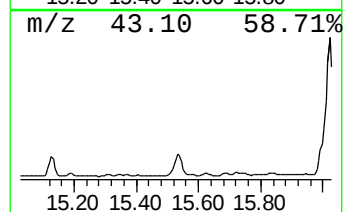
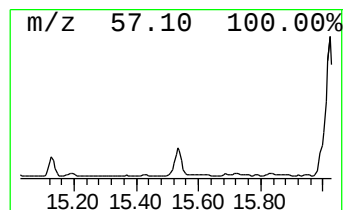
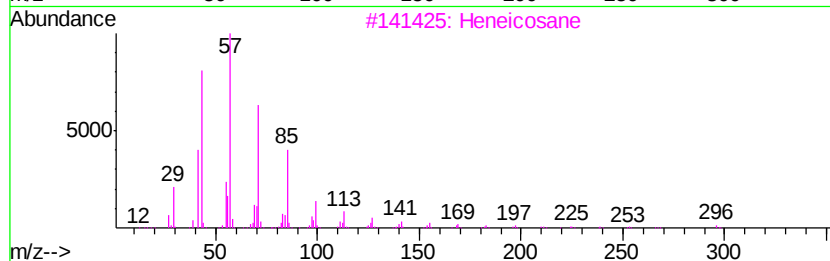
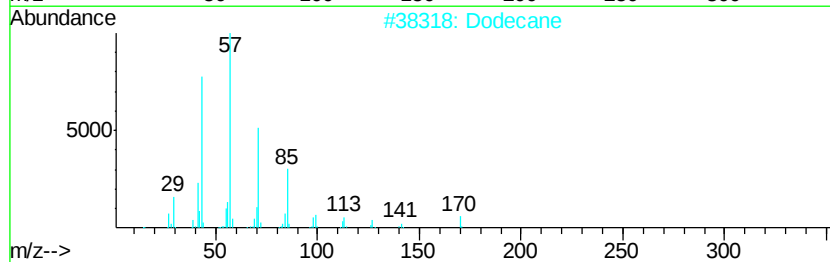
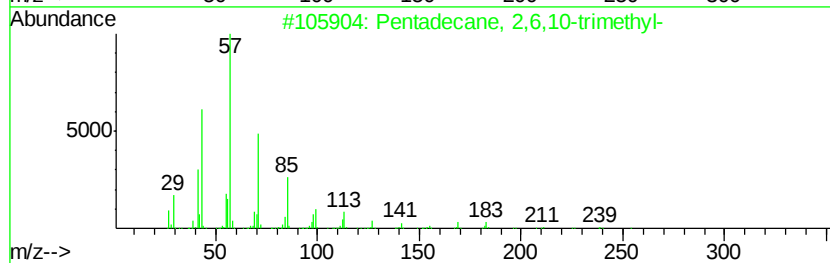
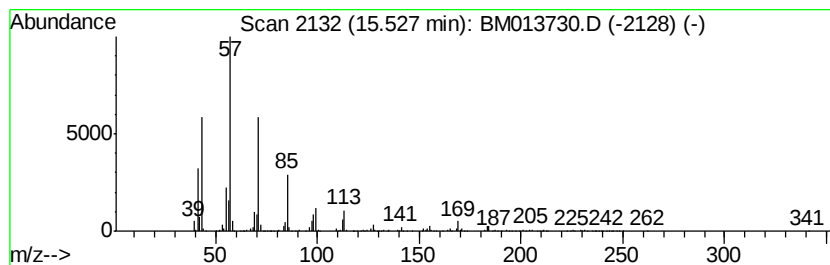
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	19.34 ng/ul	3227140	Acenaphthene-d10	14.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2		Dodecane	170	C12H26	000112-40-3	90
3		Heneicosane	296	C21H44	000629-94-7	83
4		Heptacosane	380	C27H56	000593-49-7	80
5		Tridecane, 5-propyl-	226	C16H34	055045-11-9	80



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013730.D
Acq On : 23 Jan 2018 13:22
Operator : SJ/JU
Sample : J1174-12
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A47

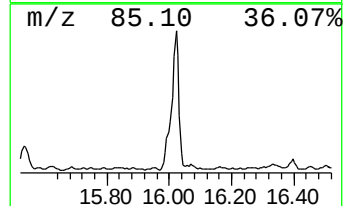
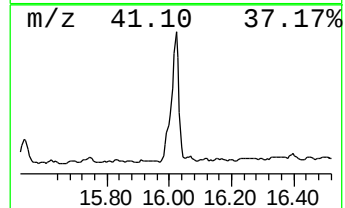
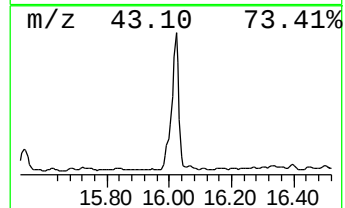
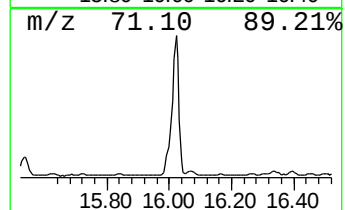
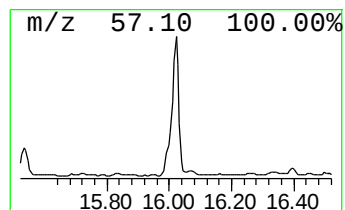
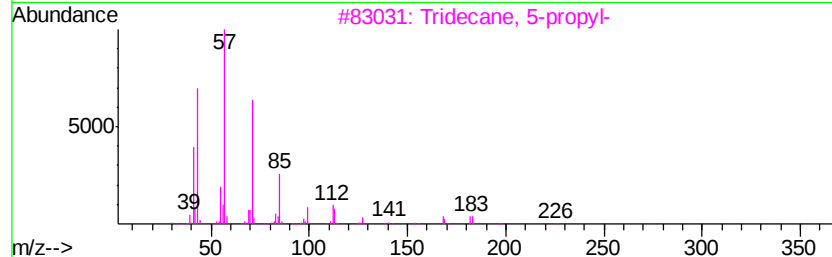
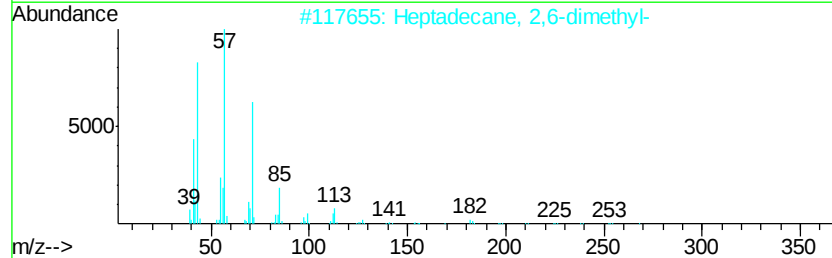
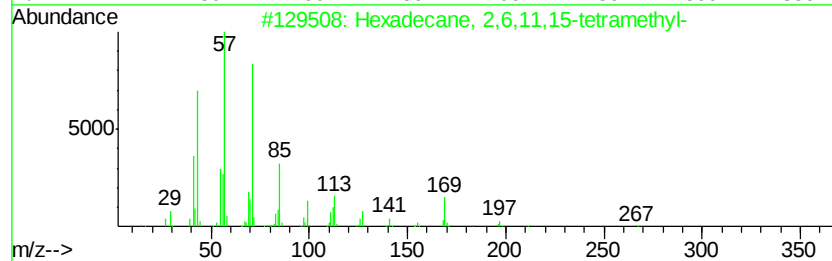
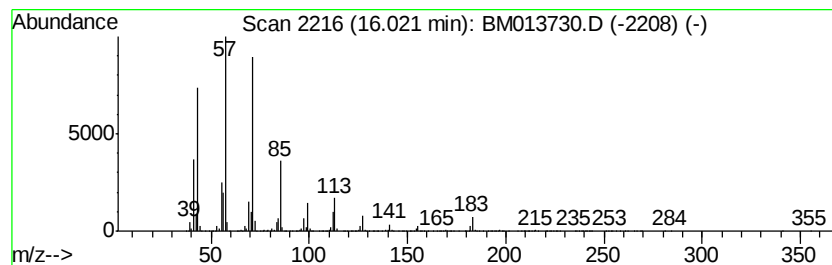
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	140.99 ng/ul	19965300	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	91
2		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	91
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
5		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	78



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013730.D
Acq On : 23 Jan 2018 13:22
Operator : SJ/JU
Sample : J1174-12
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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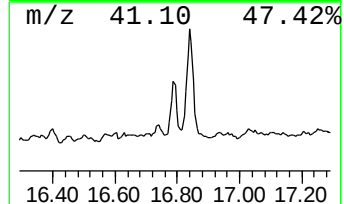
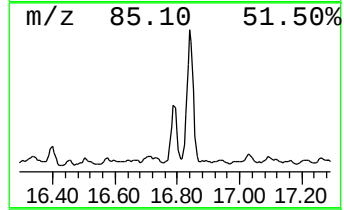
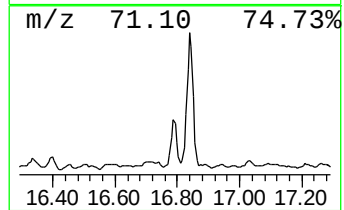
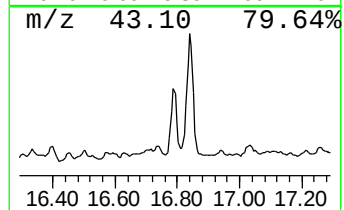
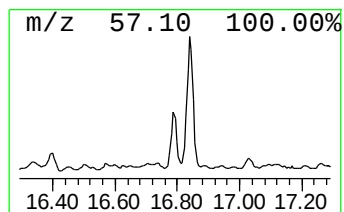
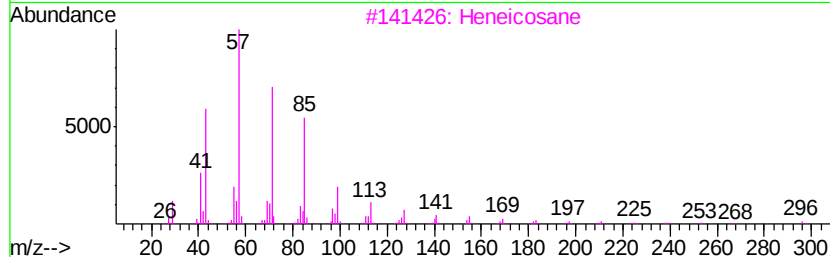
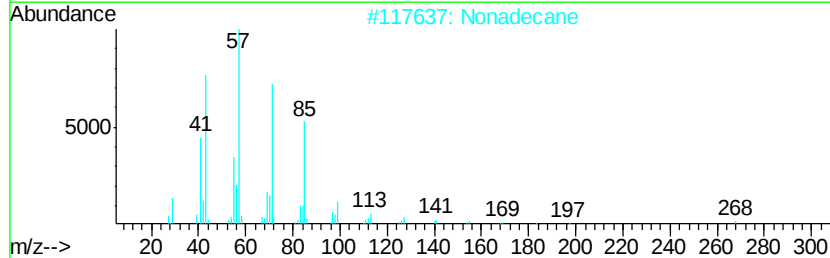
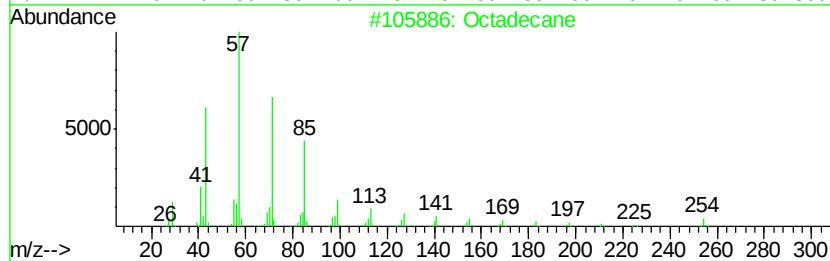
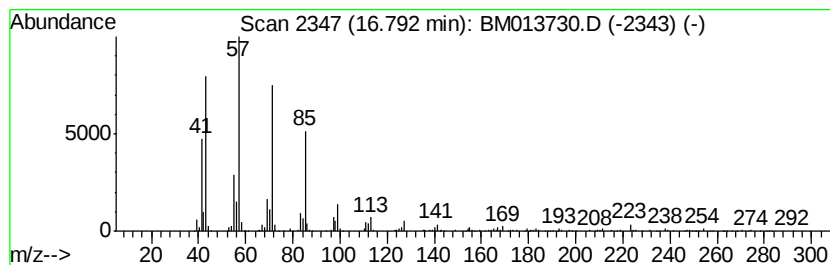
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	16.18 ng/ul	2290620	Phenanthrene-d10	17.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	97
2			Nonadecane	268	C19H40	000629-92-5	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Tetradecane	198	C14H30	000629-59-4	91



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013730.D
Acq On : 23 Jan 2018 13:22
Operator : SJ/JU
Sample : J1174-12
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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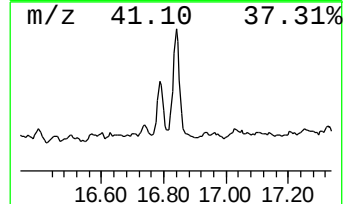
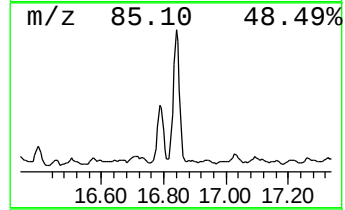
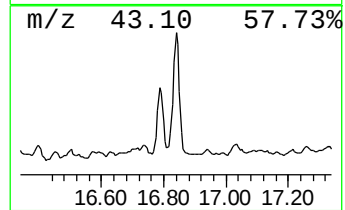
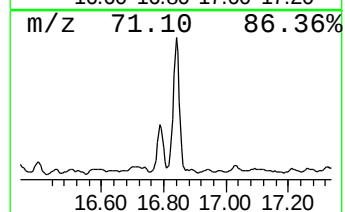
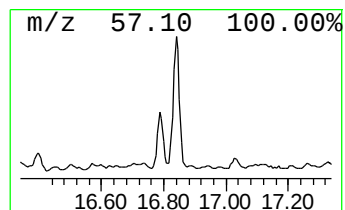
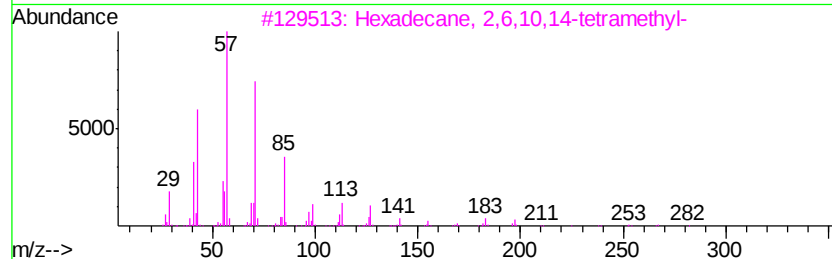
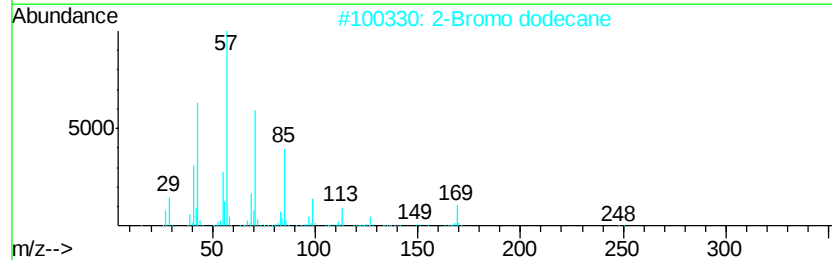
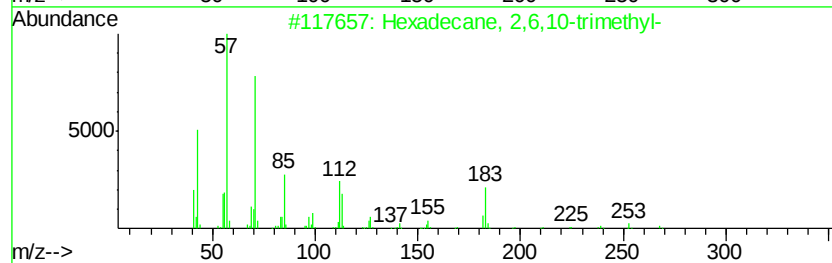
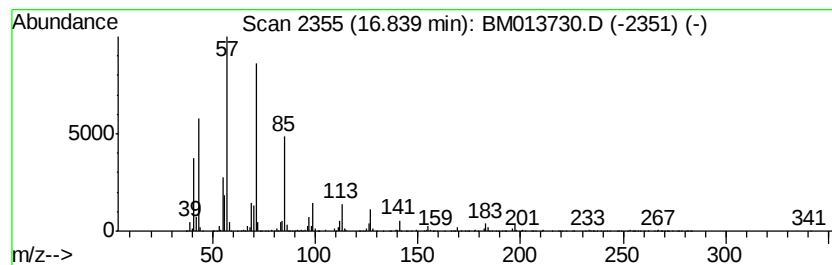
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	50.78 ng/ul	7191220	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	93
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013730.D
Acq On : 23 Jan 2018 13:22
Operator : SJ/JU
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Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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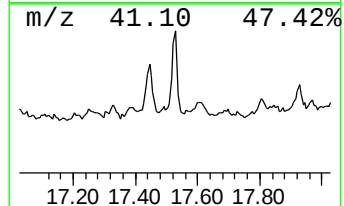
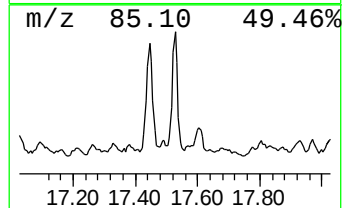
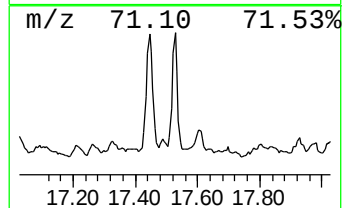
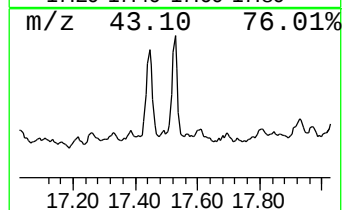
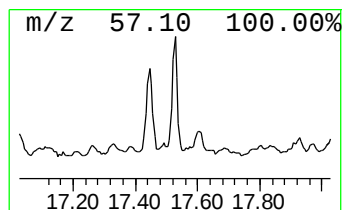
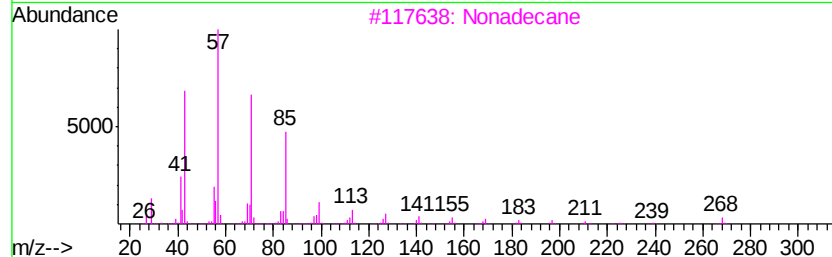
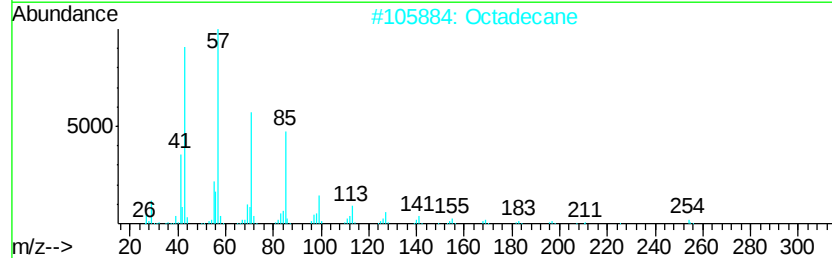
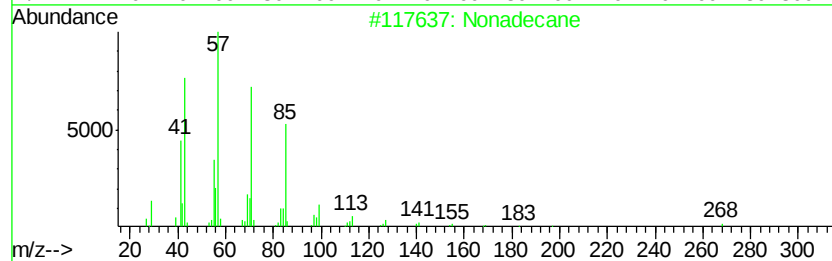
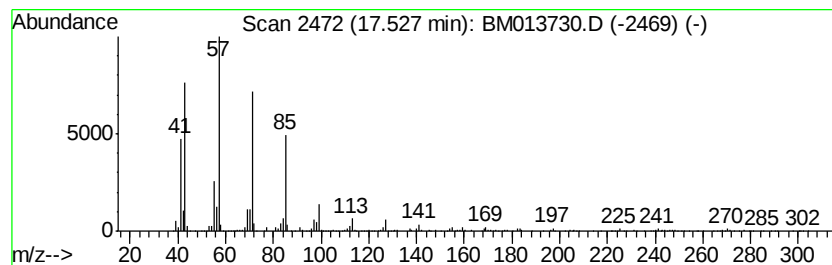
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	14.48 ng/ul	2050070	Phenanthrene-d10	17.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	93
2			Octadecane	254	C18H38	000593-45-3	91
3			Nonadecane	268	C19H40	000629-92-5	91
4			Heptadecane	240	C17H36	000629-78-7	91
5			Octadecane	254	C18H38	000593-45-3	91



Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013730.D
Acq On : 23 Jan 2018 13:22
Operator : SJ/JU
Sample : J1174-12
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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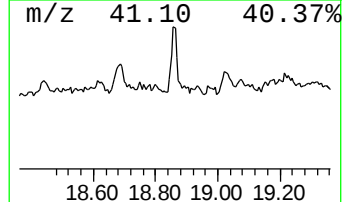
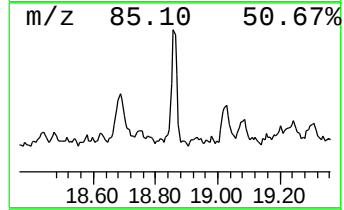
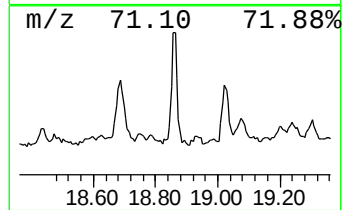
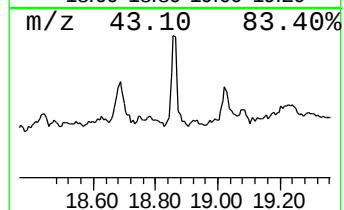
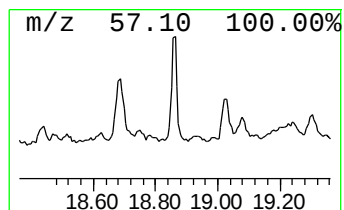
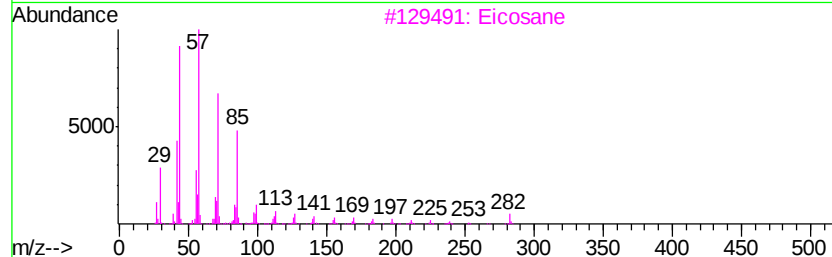
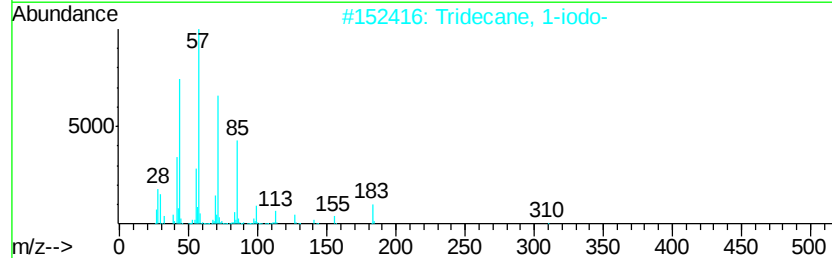
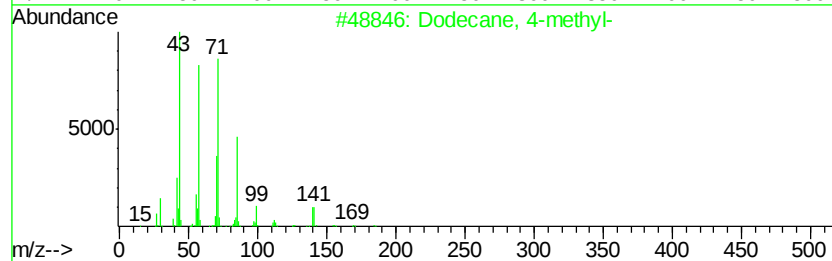
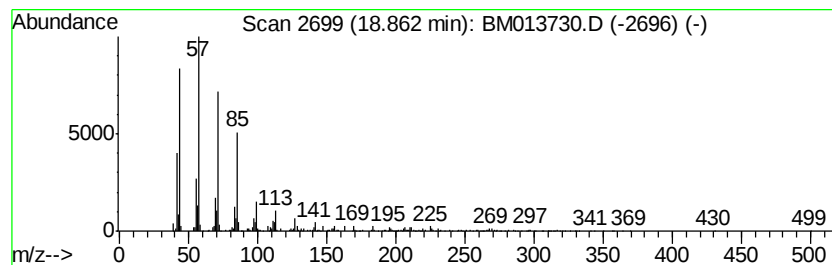
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	9.88 ng/ul	1399470	Phenanthrene-d10	17.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4-methyl-	184	C13H28	006117-97-1	91
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3			Eicosane	282	C20H42	000112-95-8	90
4			Hexadecane	226	C16H34	000544-76-3	89
5			Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\HPCHEM1\BNA_M\Data\BM012218\
 Data File : BM013730.D
 Acq On : 23 Jan 2018 13:22
 Operator : SJ/JU
 Sample : J1174-12
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A47

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	5.89	5.5	ng/ul	340508	1	7.61	1241540	20.0
(DEL) Alkane: Str...	6.10	6.5	ng/ul	402039	1	7.61	1241540	20.0
(DEL) Alkane: Str...	6.17	5.0	ng/ul	310285	1	7.61	1241540	20.0
(DEL) Alkane: Cyc...	6.25	6.8	ng/ul	418846	1	7.61	1241540	20.0
1-Octanol, 2-butyl-	6.51	6.2	ng/ul	384884	1	7.61	1241540	20.0
Ethanol, 2-(2-eth...	7.22	31.0	ng/ul	1926020	1	7.61	1241540	20.0
(DEL) Alkane: Cyc...	7.88	6.3	ng/ul	389859	1	7.61	1241540	20.0
Benzene, 1-ethyl-...	8.70	5.7	ng/ul	351027	1	7.61	1241540	20.0
Adamantane	8.95	4.7	ng/ul	292844	1	7.61	1241540	20.0
Benzene, 1,2,3,4-...	9.22	2.1	ng/ul	212770	2	10.39	2028210	20.0
Cyclodecene, 1-me...	9.57	3.9	ng/ul	395046	2	10.39	2028210	20.0
1,3-Cyclopentadie...	9.79	3.5	ng/ul	352861	2	10.39	2028210	20.0
Benzene, 1-methyl...	10.09	2.3	ng/ul	237557	2	10.39	2028210	20.0
3,4-Dimethylcumene	10.60	2.0	ng/ul	204705	2	10.39	2028210	20.0
(DEL) Alkane: Cyc...	11.07	6.0	ng/ul	603173	2	10.39	2028210	20.0
Benzene, (1,2-dim...	11.30	2.8	ng/ul	280743	2	10.39	2028210	20.0
(DEL) Alkane: Str...	11.41	14.4	ng/ul	1463610	2	10.39	2028210	20.0
1,3,4-Trimethylad...	11.46	7.2	ng/ul	727892	2	10.39	2028210	20.0
(DEL) Alkane: Cyc...	12.13	2.0	ng/ul	204130	2	10.39	2028210	20.0
Naphthalene, 1-me...	12.27	9.9	ng/ul	1006510	2	10.39	2028210	20.0
(DEL) Alkane: Cyc...	12.52	2.2	ng/ul	363028	3	14.26	3337780	20.0
unknown-01	12.67	3.1	ng/ul	512978	3	14.26	3337780	20.0
(DEL) Alkane: Str...	12.79	10.3	ng/ul	1714650	3	14.26	3337780	20.0
unknown-02	12.85	2.1	ng/ul	351574	3	14.26	3337780	20.0
Decahydro-4,4,8,9...	13.02	2.2	ng/ul	363901	3	14.26	3337780	20.0
(DEL) Alkane: Str...	13.08	4.2	ng/ul	703657	3	14.26	3337780	20.0
Naphthalene, 1,4-...	13.58	5.5	ng/ul	912926	3	14.26	3337780	20.0
2-Pentanone, 4-cy...	14.09	6.9	ng/ul	1158490	3	14.26	3337780	20.0
(DEL) Alkane: Str...	14.17	10.0	ng/ul	1668710	3	14.26	3337780	20.0
unknown-03	14.80	11.2	ng/ul	1867920	3	14.26	3337780	20.0
unknown-04	15.05	5.4	ng/ul	903615	3	14.26	3337780	20.0
(DEL) Alkane: Str...	15.13	11.4	ng/ul	1894020	3	14.26	3337780	20.0
(DEL) Alkane: Str...	15.53	19.3	ng/ul	3227140	3	14.26	3337780	20.0
(DEL) Alkane: Str...	16.02	141.0	ng/ul	19965300	4	17.02	2832230	20.0
(DEL) Alkane: Str...	16.79	16.2	ng/ul	2290620	4	17.02	2832230	20.0
(DEL) Alkane: Str...	16.84	50.8	ng/ul	7191220	4	17.02	2832230	20.0
(DEL) Alkane: Str...	17.53	14.5	ng/ul	2050070	4	17.02	2832230	20.0
(DEL) Alkane: Str...	18.86	9.9	ng/ul	1399470	4	17.02	2832230	20.0