

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
 Data File : BM009858.D
 Acq On : 02 May 2017 07:52
 Operator : SJ/MA
 Sample : I2849-12DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSW5DL

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-BM042517.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	5.422	391	397	404	rBV	82324	167205	3.62%	0.410%
2	7.010	662	667	677	rVB5	77707	186100	4.03%	0.456%
3	7.163	681	693	702	rBV3	65326	209564	4.54%	0.513%
4	7.822	799	805	811	rBV	454297	681160	14.75%	1.669%
5	7.934	817	824	828	rBV6	87357	186855	4.05%	0.458%
6	8.322	882	890	892	rBV3	100457	186461	4.04%	0.457%
7	8.351	892	895	906	rVB6	140916	302479	6.55%	0.741%
8	8.445	906	911	916	rBV4	157955	252082	5.46%	0.618%
9	8.551	922	929	938	rBV6	142942	380897	8.25%	0.933%
10	8.634	938	943	946	rBV3	163016	285412	6.18%	0.699%
11	8.775	960	967	971	rBV6	83727	207665	4.50%	0.509%
12	8.904	977	989	998	rBV6	306576	744899	16.13%	1.825%
13	8.992	998	1004	1011	rVB5	208590	420792	9.11%	1.031%
14	9.104	1018	1023	1025	rBV3	98971	165429	3.58%	0.405%
15	9.251	1044	1048	1055	rVB7	119340	233867	5.06%	0.573%
16	9.328	1055	1061	1064	rBV6	124750	266129	5.76%	0.652%
17	9.428	1074	1078	1082	rVB6	124141	191791	4.15%	0.470%
18	9.522	1084	1094	1108	rVB5	441382	1160749	25.13%	2.844%
19	9.651	1108	1116	1119	rBV5	111220	265962	5.76%	0.652%
20	9.710	1123	1126	1133	rVB6	184887	327282	7.09%	0.802%
21	9.781	1133	1138	1145	rBV5	322226	659323	14.28%	1.615%
22	10.010	1173	1177	1181	rBV2	106701	164133	3.55%	0.402%
23	10.186	1199	1207	1212	rBV9	129684	298245	6.46%	0.731%
24	10.245	1212	1217	1218	rBV4	82273	128895	2.79%	0.316%
25	10.304	1224	1227	1233	rVB4	183491	311286	6.74%	0.763%
26	10.380	1235	1240	1249	rVV4	174898	387294	8.39%	0.949%
27	10.557	1265	1270	1274	rBV4	288167	528136	11.44%	1.294%
28	10.622	1276	1281	1287	rVV	797589	1422421	30.80%	3.485%
29	10.669	1287	1289	1294	rVV6	131573	189894	4.11%	0.465%
30	10.739	1295	1301	1306	rVB3	418629	818495	17.72%	2.005%
31	11.016	1344	1348	1353	rVV8	139714	226926	4.91%	0.556%
32	11.080	1354	1359	1364	rVB3	371638	639904	13.86%	1.568%
33	11.169	1371	1374	1379	rBV6	99710	167292	3.62%	0.410%
34	11.286	1386	1394	1399	rBV9	246878	602460	13.05%	1.476%

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Integration Parameters: LSCINT.P

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35	11.422	1414	1417	1422	rVB4	149426	207837	4.50%	0.509%
36	11.510	1428	1432	1440	rVB10	156630	381312	8.26%	0.934%
37	11.604	1444	1448	1452	rVV	497004	693103	15.01%	1.698%
38	11.645	1452	1455	1460	rVB4	212503	302048	6.54%	0.740%
39	11.798	1477	1481	1488	rVB8	175081	353648	7.66%	0.866%
40	11.874	1489	1494	1500	rBV3	334049	570709	12.36%	1.398%
41	12.010	1513	1517	1521	rBV3	173939	241916	5.24%	0.593%
42	12.245	1551	1557	1562	rVB	1017148	1629744	35.29%	3.993%
43	12.333	1569	1572	1577	rBV7	103559	166298	3.60%	0.407%
44	12.651	1621	1626	1631	rVB7	221260	404652	8.76%	0.991%
45	12.886	1662	1666	1672	rBV5	235663	381858	8.27%	0.936%
46	12.969	1675	1680	1687	rVB	679514	1086425	23.53%	2.662%
47	13.251	1725	1728	1734	rVB3	335738	527112	11.41%	1.292%
48	13.874	1830	1834	1838	rBV2	269531	467510	10.12%	1.145%
49	13.921	1838	1842	1846	rVB2	659606	902288	19.54%	2.211%
50	14.280	1899	1903	1908	rVB3	328516	578001	12.52%	1.416%
51	14.339	1910	1913	1916	rBV2	251561	340339	7.37%	0.834%
52	14.474	1932	1936	1942	rVB2	1086837	1741235	37.70%	4.266%
53	15.245	2064	2067	2071	rBV5	192229	287701	6.23%	0.705%
54	15.292	2073	2075	2079	rVB	254227	295844	6.41%	0.725%
55	15.468	2102	2105	2110	rBV2	272484	426360	9.23%	1.045%
56	15.698	2141	2144	2148	rVB	578587	714744	15.48%	1.751%
57	16.180	2220	2226	2231	rBV	1663085	2468902	53.46%	6.049%
58	16.951	2355	2357	2361	rVB	268511	230436	4.99%	0.565%
59	17.004	2362	2366	2370	rVB	1022783	1390783	30.12%	3.408%
60	17.233	2400	2405	2410	rBV	1492235	2228760	48.26%	5.461%
61	21.303	3094	3097	3104	rVB	4142868	4618170	100.00%	11.315%
62	21.415	3114	3116	3121	rVB	3318746	3808212	82.46%	9.331%

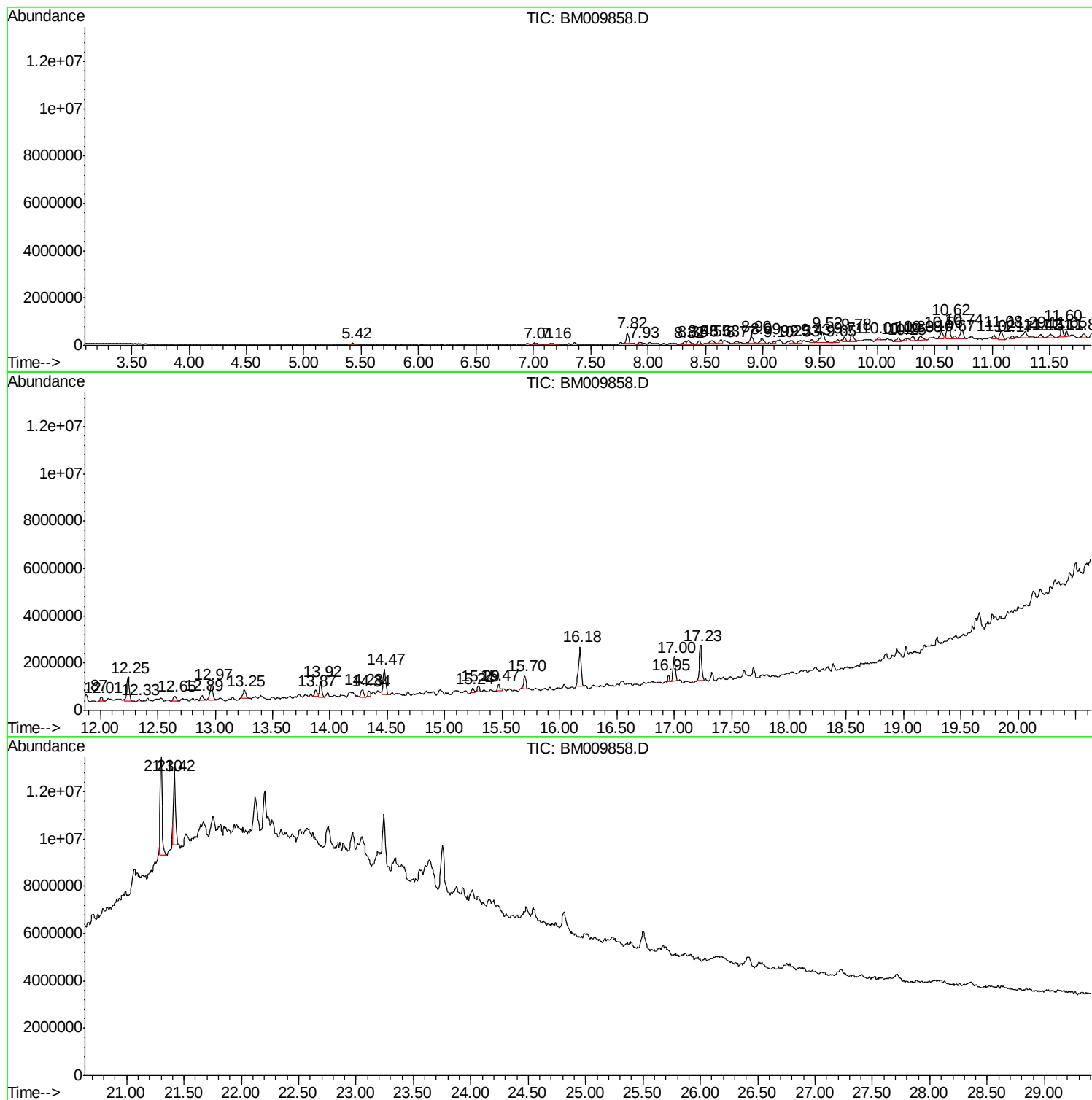
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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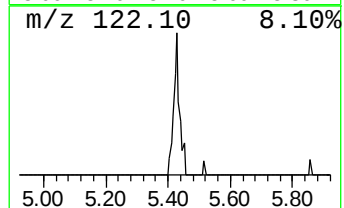
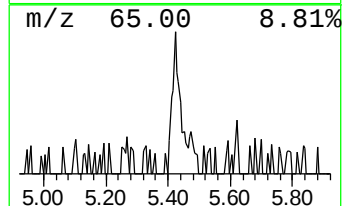
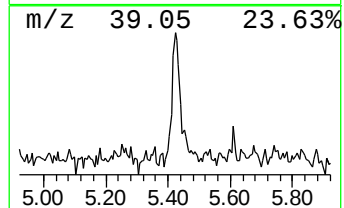
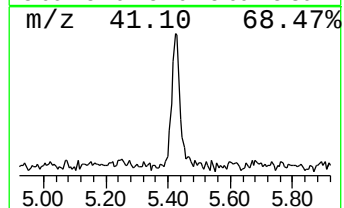
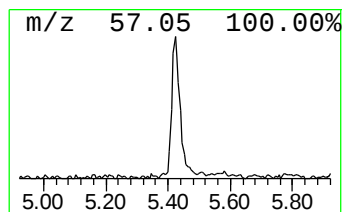
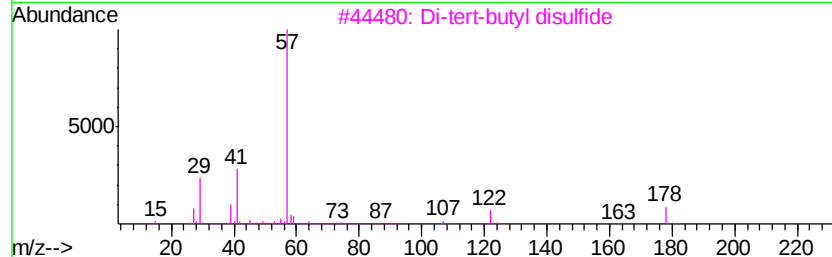
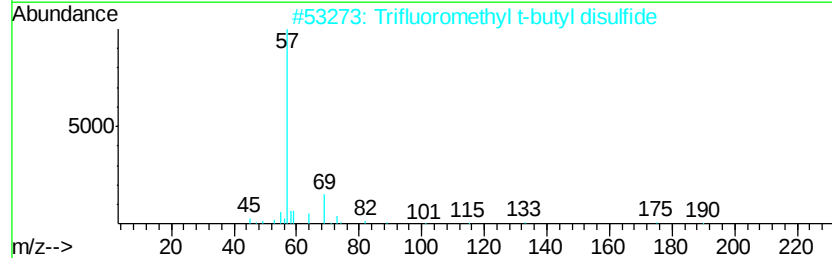
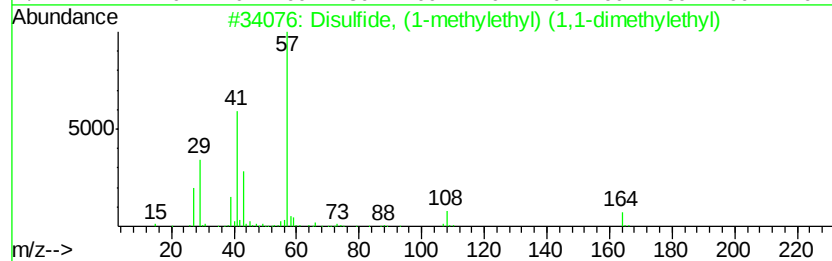
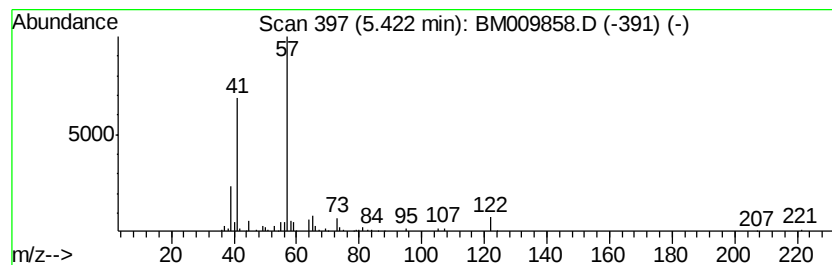
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.42	4.91 ng/ul	167205	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Disulfide, (1-methylethyl) (1,1-...	164	C7H16S2	043022-60-2	47
2			Trifluoromethyl t-butyl disulfide	190	C5H9F3S2	145372-23-2	38
3			Di-tert-butyl disulfide	178	C8H18S2	000110-06-5	32
4			p-Dioxane, 2,3-bis(tert-butyloxy)-	232	C12H24O4	1000149-87-9	32
5			1-Penten-3-ol	86	C5H10O	000616-25-1	27



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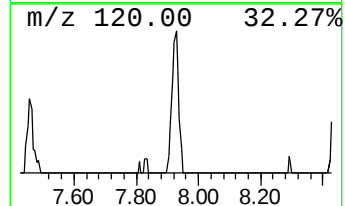
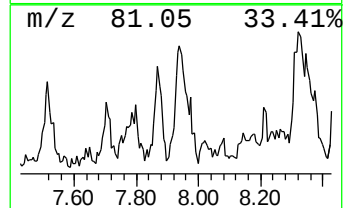
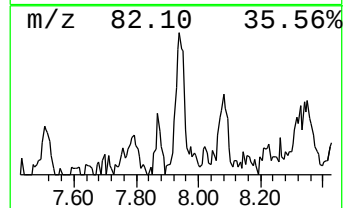
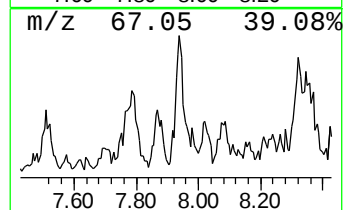
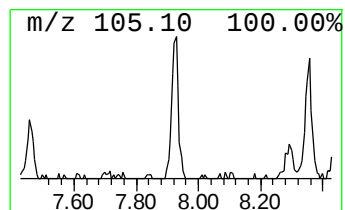
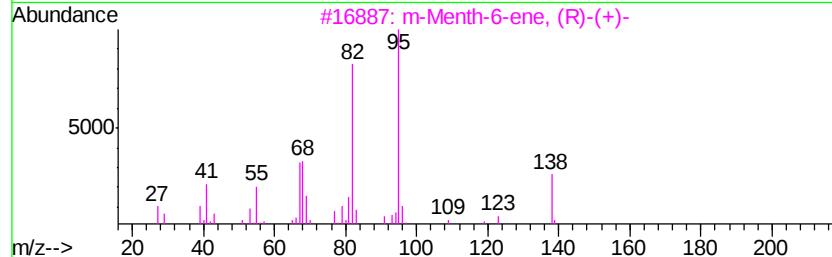
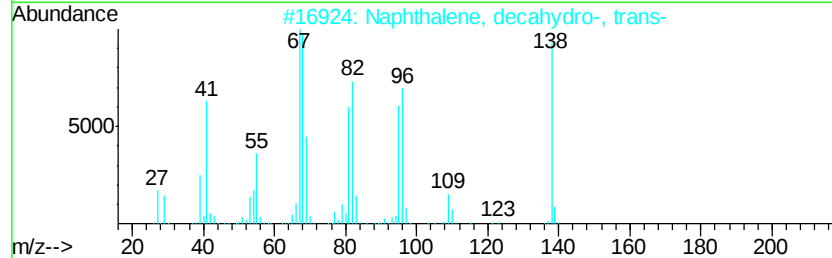
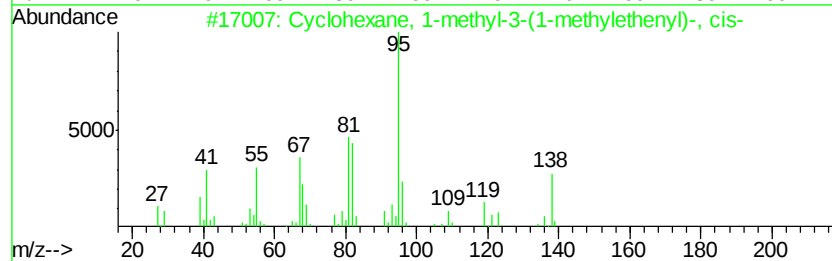
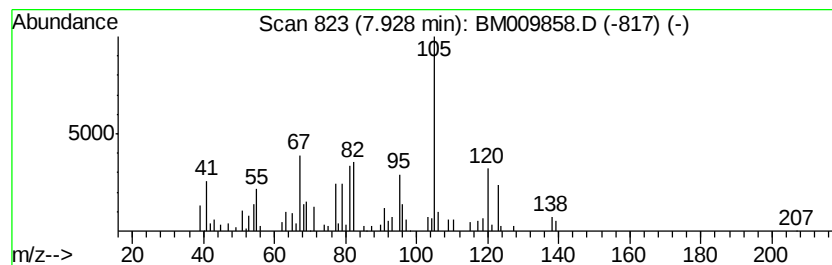
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexane, 1-methyl-3-(1-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	5.49 ng/ul	186855	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	58
2			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	49
3			m-Menth-6-ene, (R)-(+)-	138	C10H18	013837-70-2	49
4			Cyclopentane, 1-methyl-1-(2-meth...	138	C10H18	074764-47-9	46
5			1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	38



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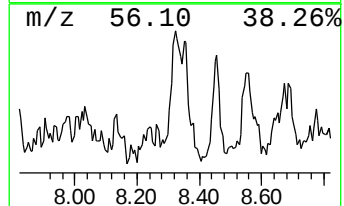
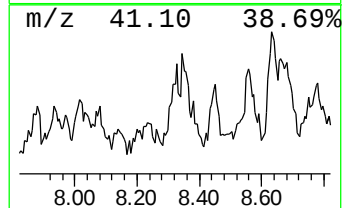
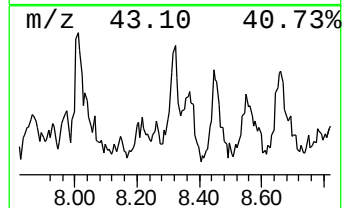
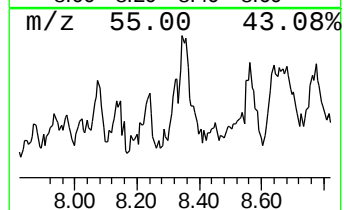
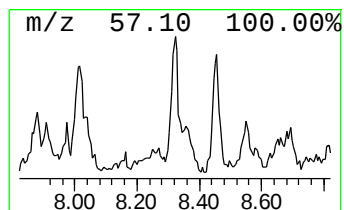
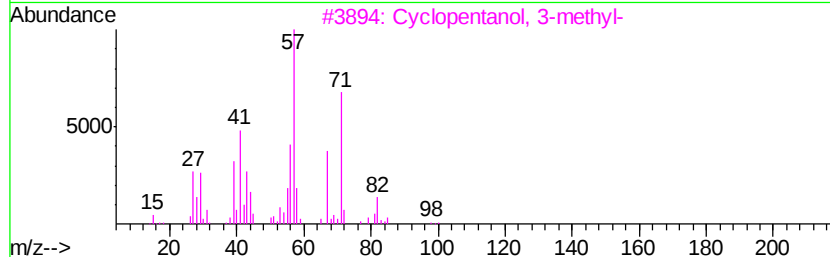
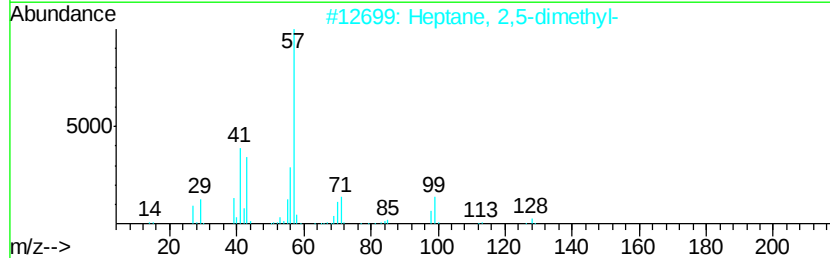
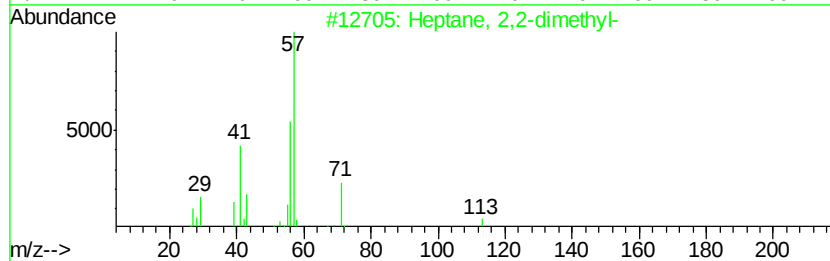
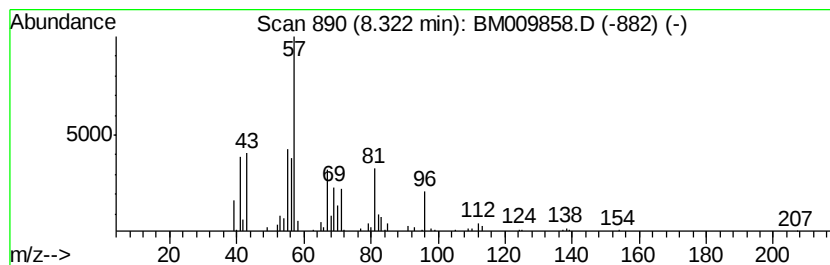
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	5.47 ng/ul	186461	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	43
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	38
3		Cyclopentanol, 3-methyl-	100	C6H12O	018729-48-1	38
4		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	37
5		Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	35



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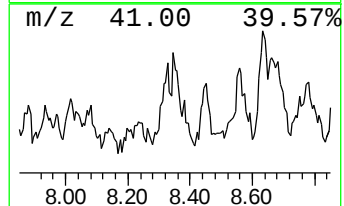
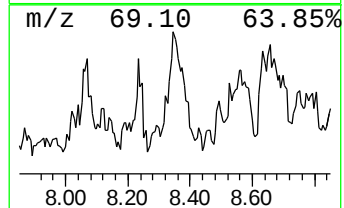
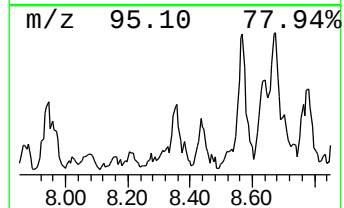
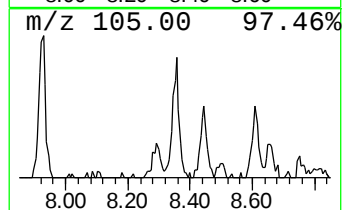
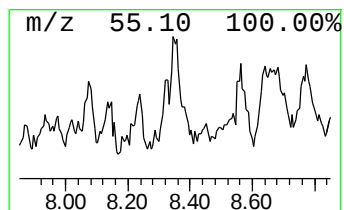
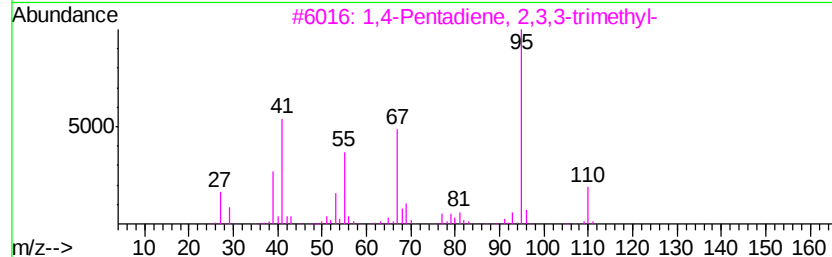
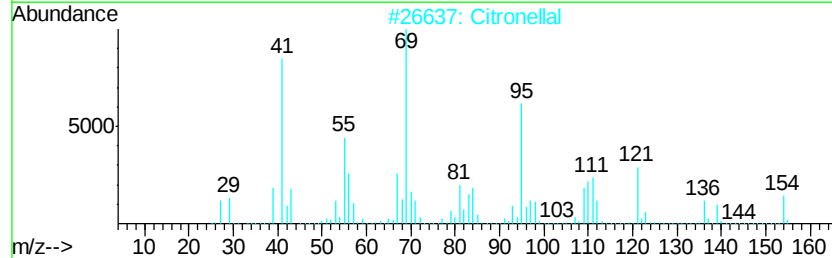
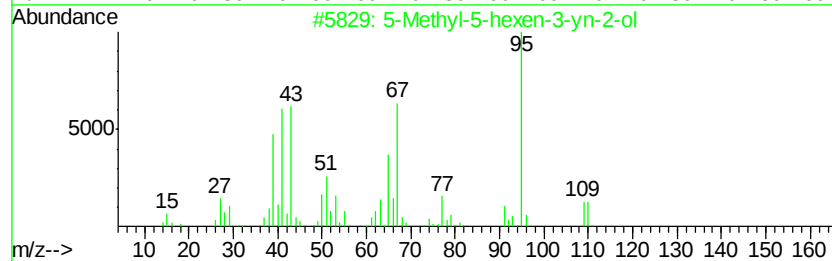
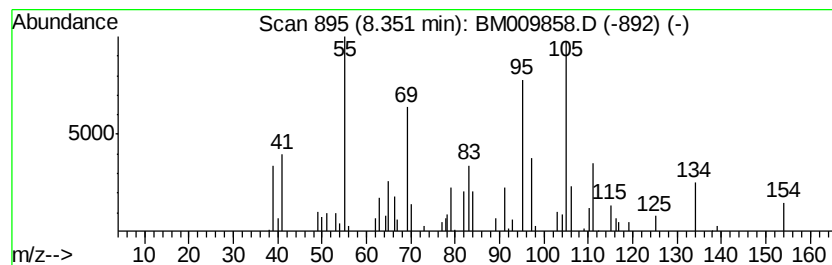
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Peak Number 4 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	8.88 ng/ul	302479	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Methyl-5-hexen-3-yn-2-ol	110	C7H10O	068017-33-4	30
2			Citronellal	154	C10H18O	000106-23-0	28
3			1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	27
4			2-Amino-4-methylbut-2-enenitrile	110	C6H10N2	1000197-39-9	27
5			1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	27



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JHSW5DL

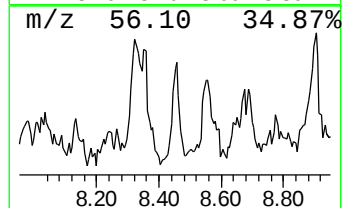
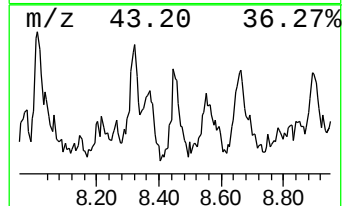
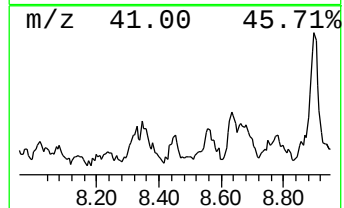
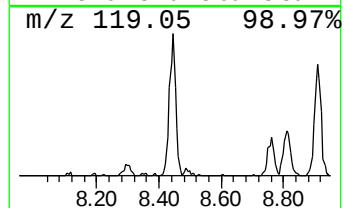
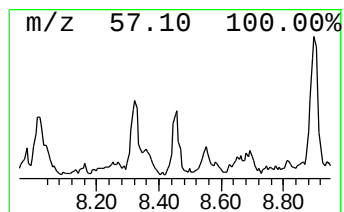
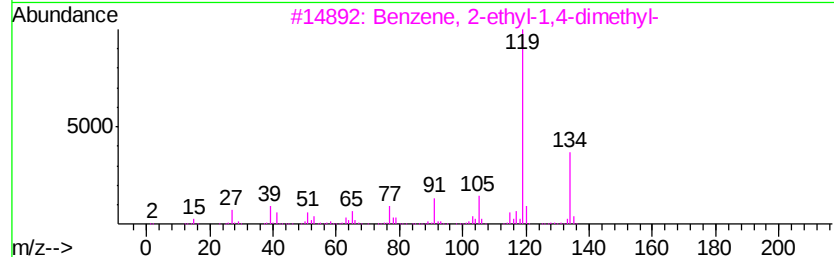
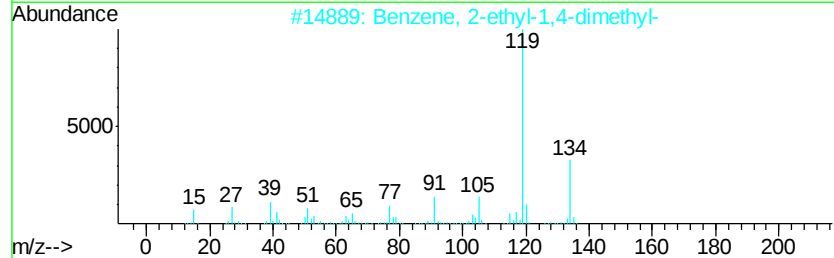
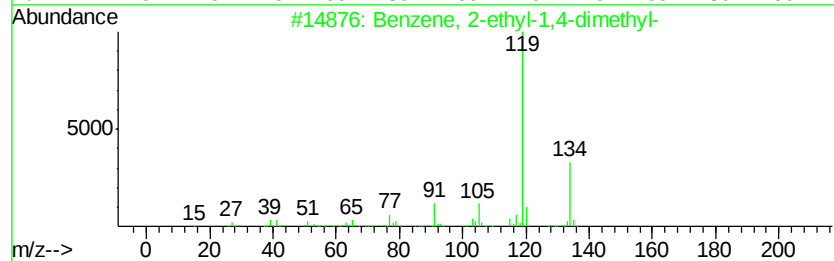
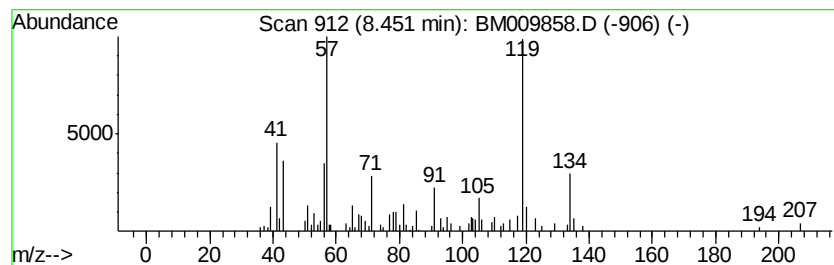
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	7.40 ng/ul	252082	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JHSW5DL

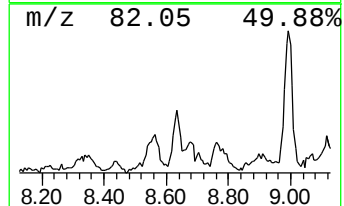
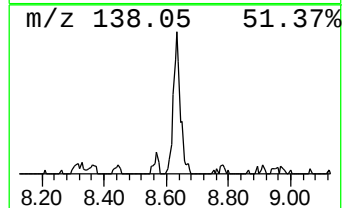
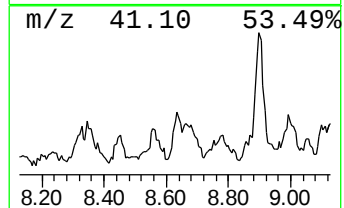
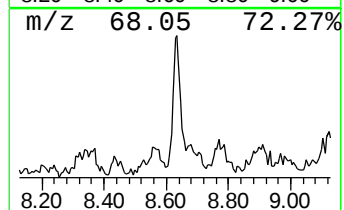
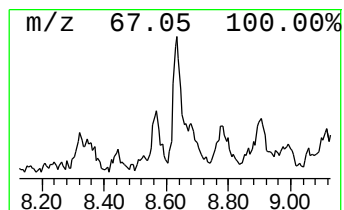
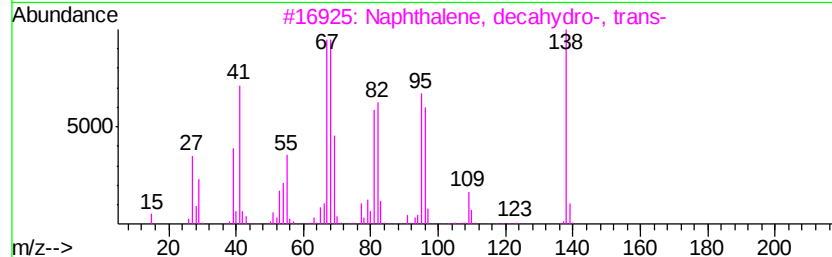
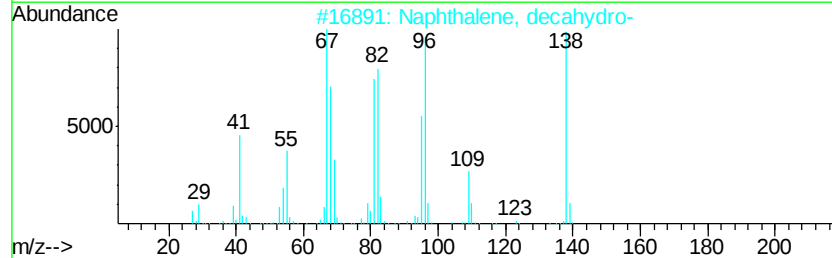
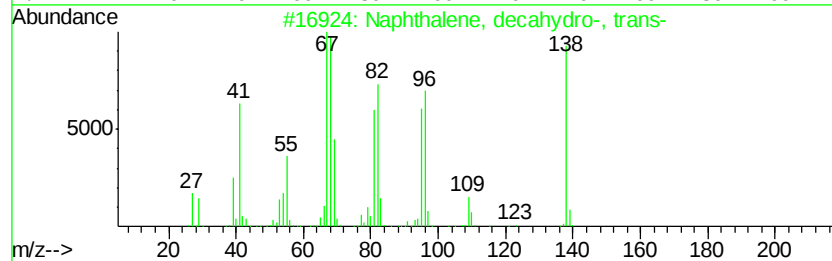
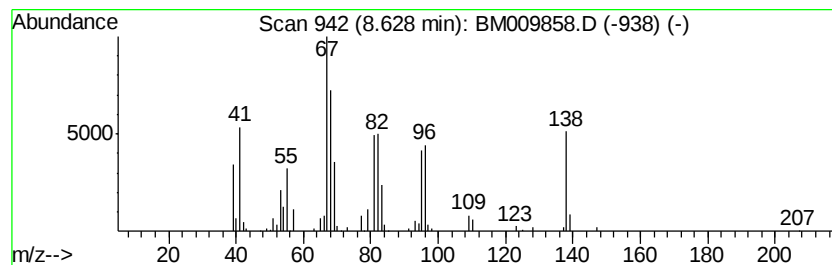
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, decahydro-, tr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	8.38 ng/ul	285412	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	94
3		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
4		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
5		Naphthalene, decahydro-	138	C10H18	000091-17-8	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JHSW5DL

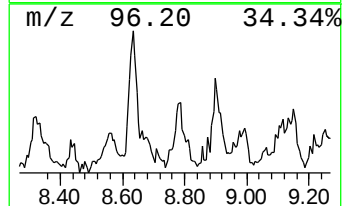
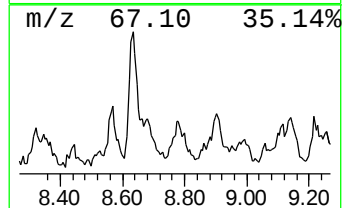
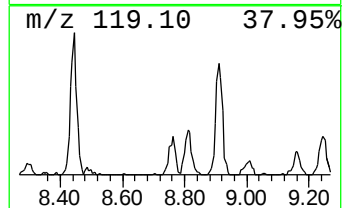
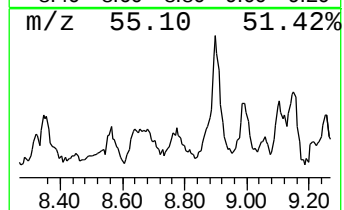
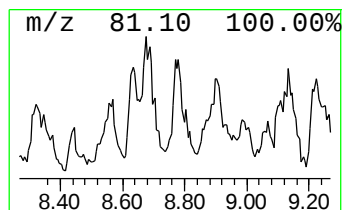
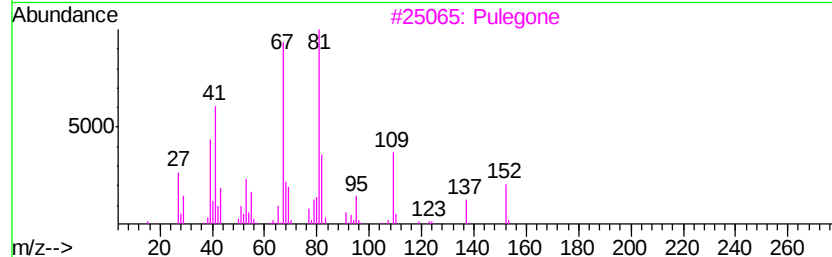
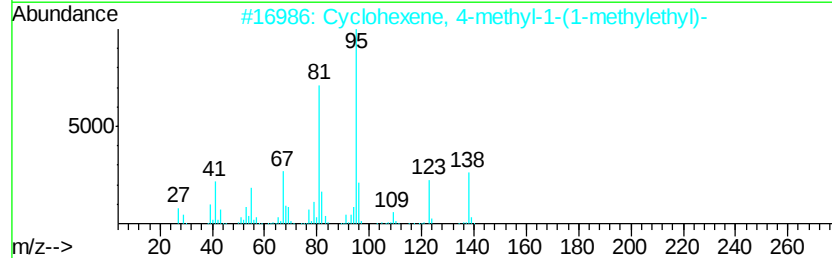
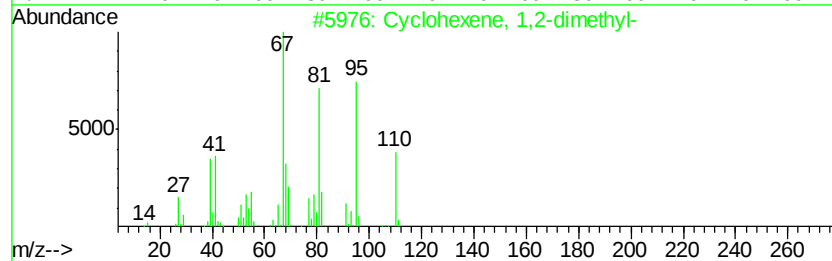
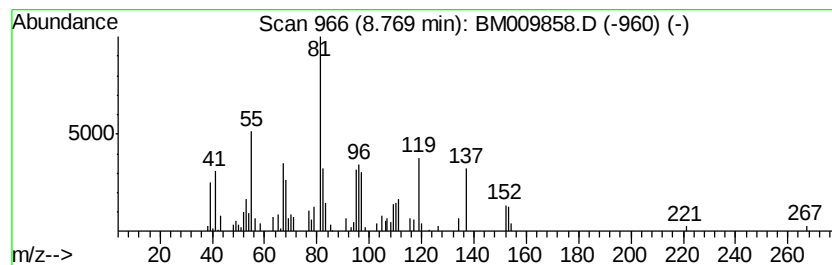
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Cyclohexene, 1,2-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	6.10 ng/ul	207665	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	60
2		Cyclohexene, 4-methyl-1-(1-methyl-...	138	C10H18	000500-00-5	53
3		Pulegone	152	C10H16O	000089-82-7	46
4		1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	43
5		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	41



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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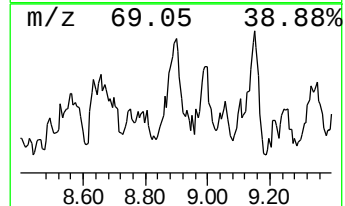
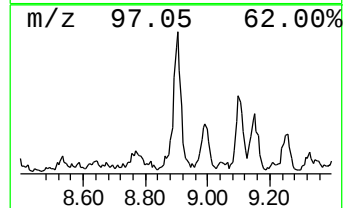
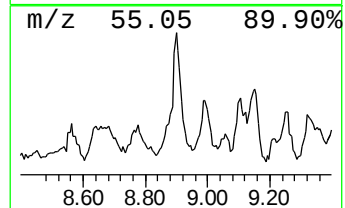
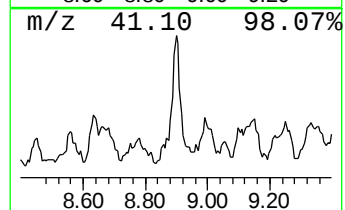
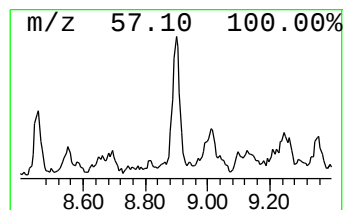
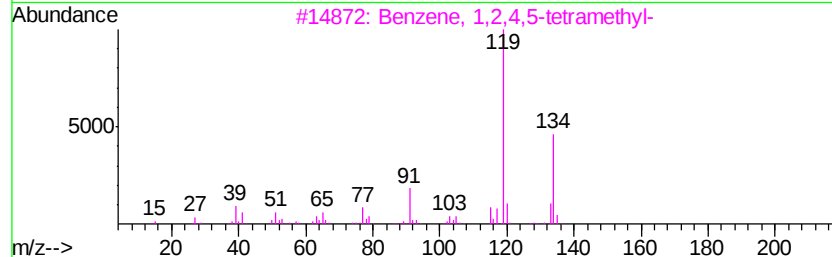
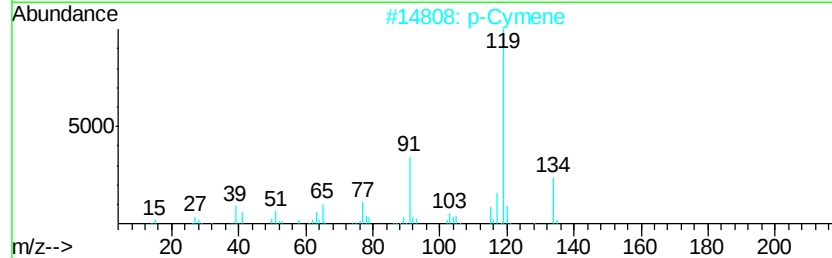
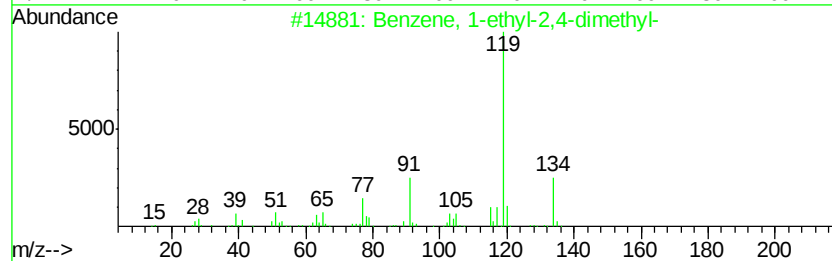
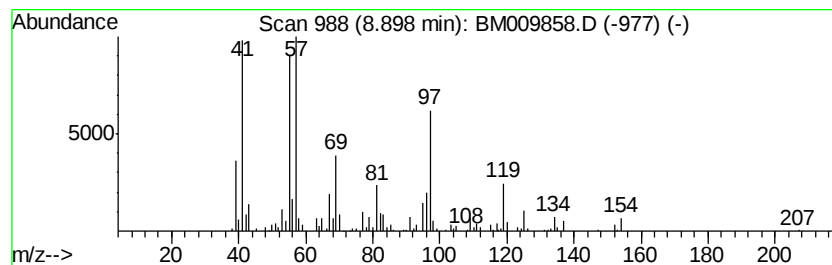
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	21.87 ng/ul	744899	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	56
2		p-Cymene	134	C10H14	000099-87-6	53
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	25
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	25
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	25



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
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Instrument :
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ClientSampleId :
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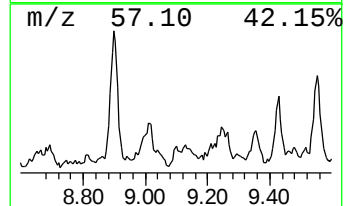
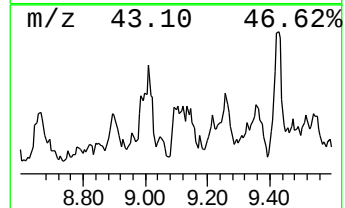
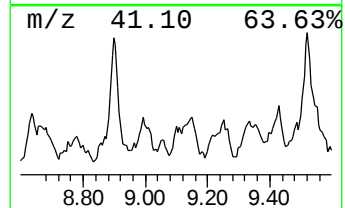
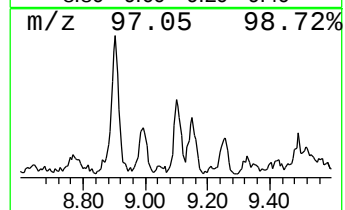
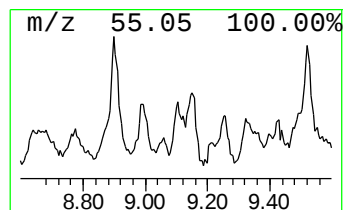
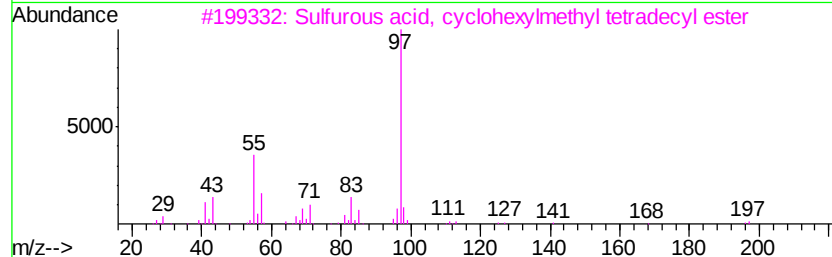
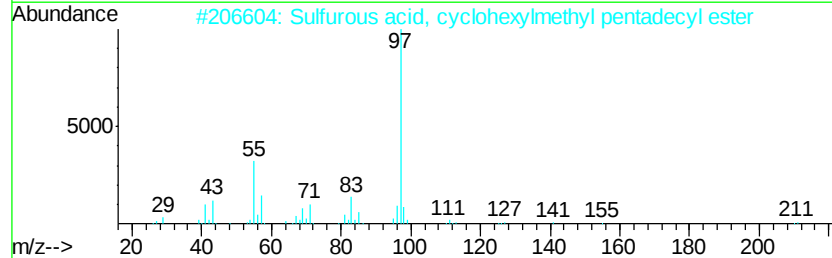
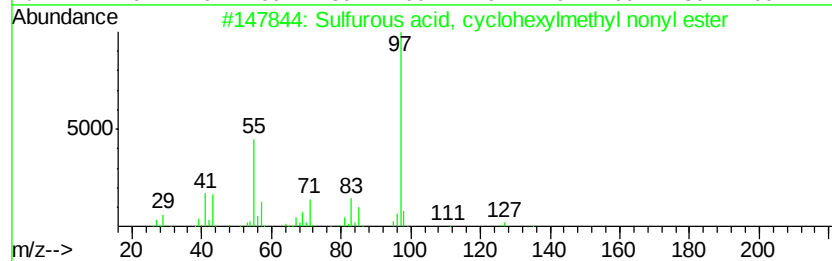
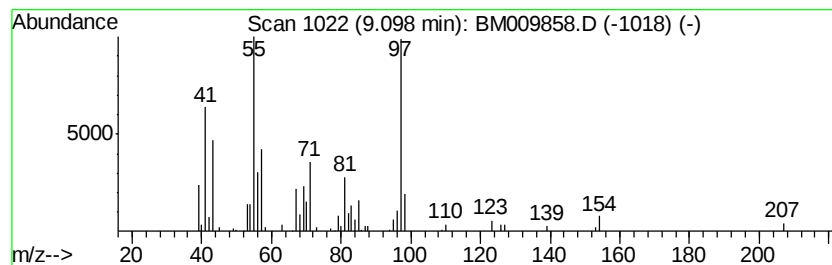
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Sulfurous acid, cyclohexylm... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	4.86 ng/ul	165429	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	64
2		Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	64
3		Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	64
4		3-cyclohexylpropionic acid, 2,2,...	338	C13H17F7O2	1000376-61-3	53
5		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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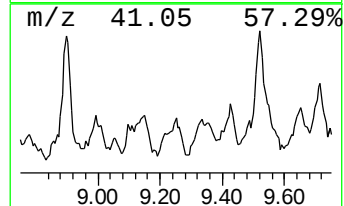
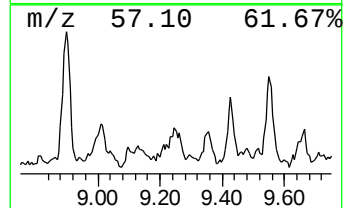
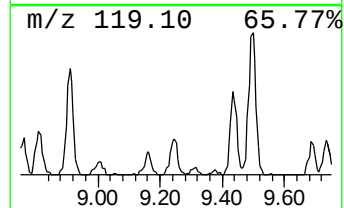
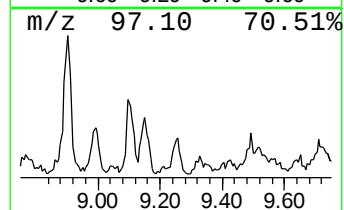
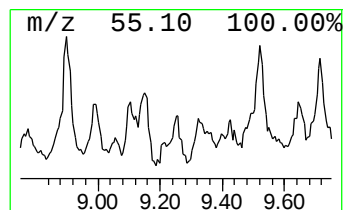
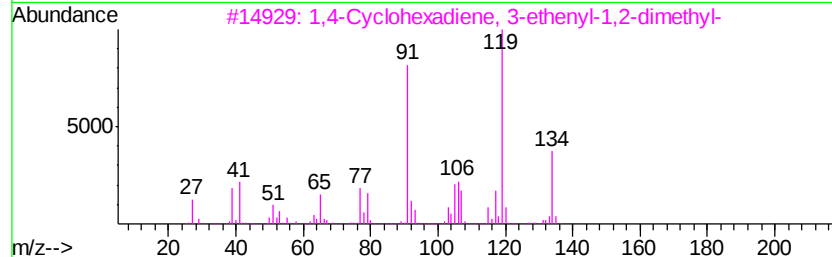
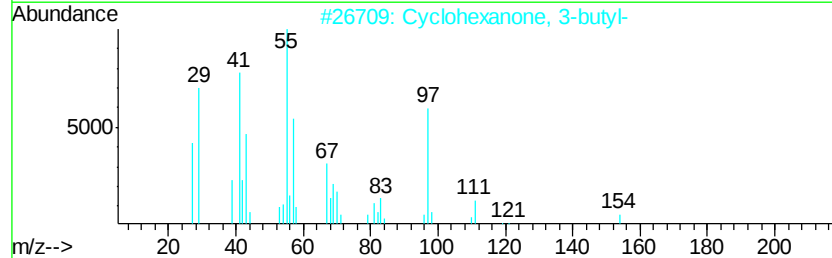
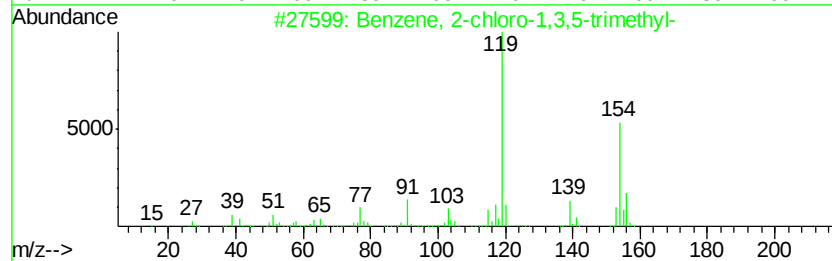
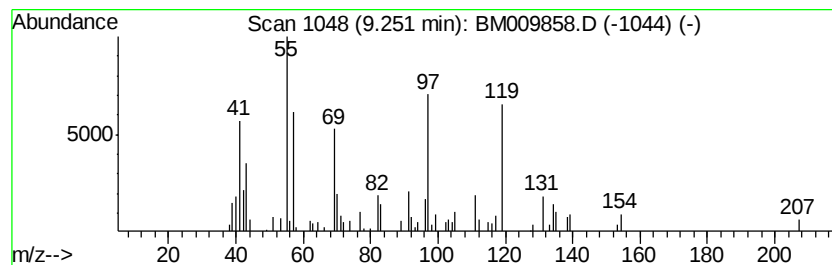
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 unknown-03 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	3.29 ng/ul	233867	Napthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-chloro-1,3,5-trimethyl-	154	C9H11Cl	001667-04-5	25
2		Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	22
3		1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	18
4		Ketone, 2,2-dimethylcyclohexyl m...	154	C10H18O	017983-26-5	18
5		2,4-Dimethylbenzyl chloride	154	C9H11Cl	000824-55-5	18



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
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Misc :
ALS Vial : 27 Sample Multiplier: 1

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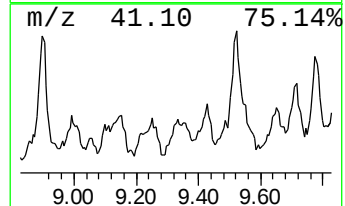
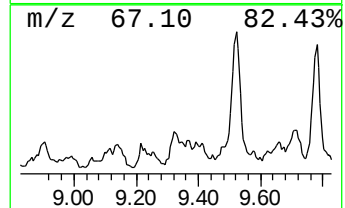
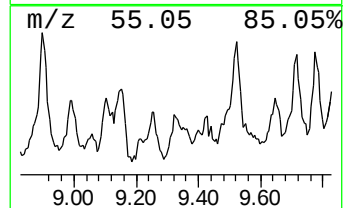
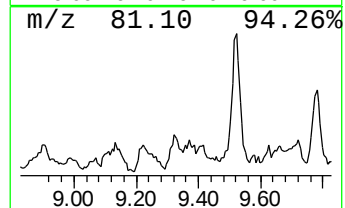
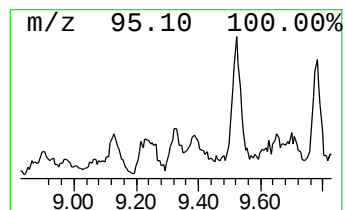
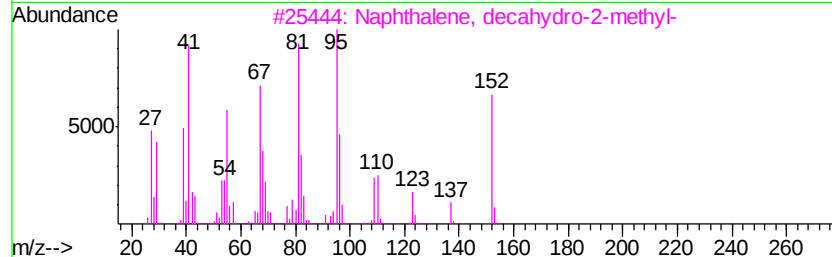
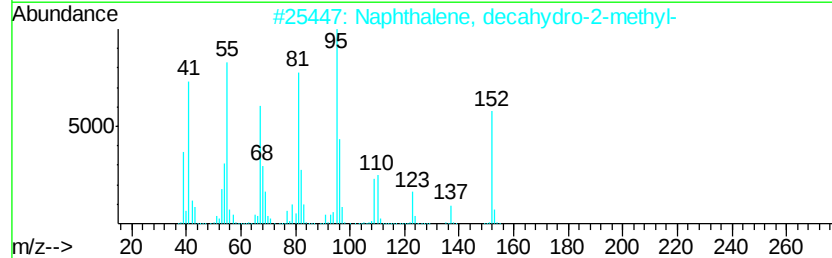
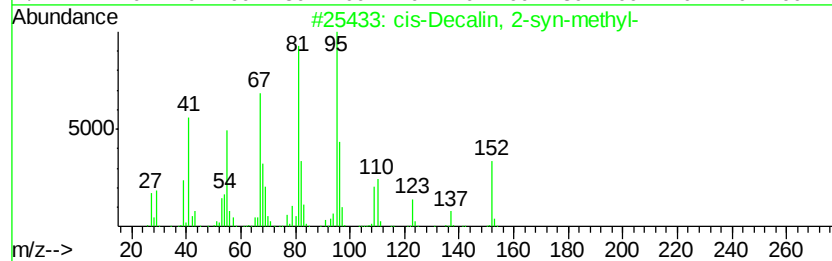
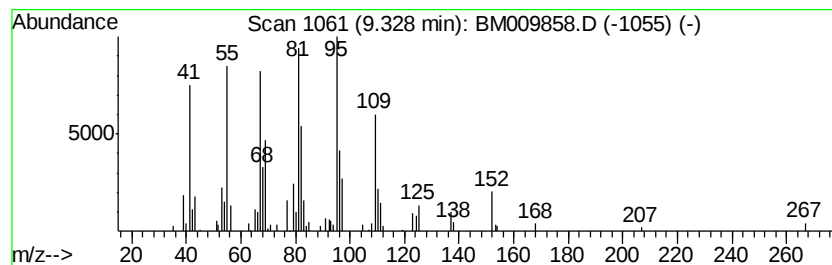
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 cis-Decalin, 2-syn-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	3.74 ng/ul	266129	Naphthalene-d8	10.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	91
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	87
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	87
4			2-Decalone,c&t	152	C10H16O	004832-17-1	74
5			Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	72



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Acq On : 02 May 2017 07:52
Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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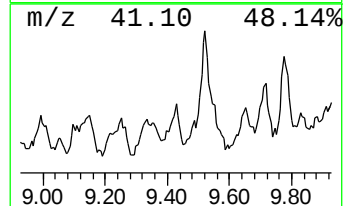
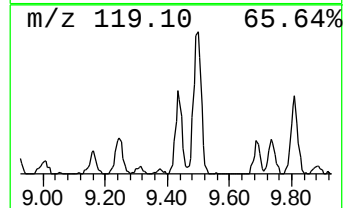
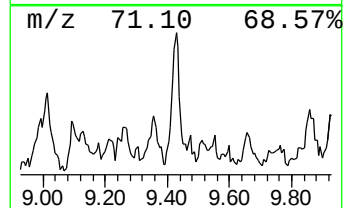
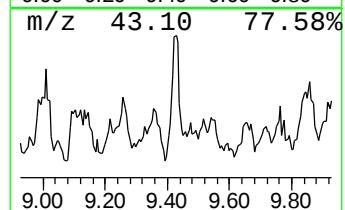
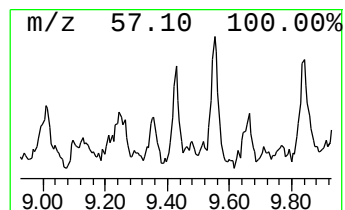
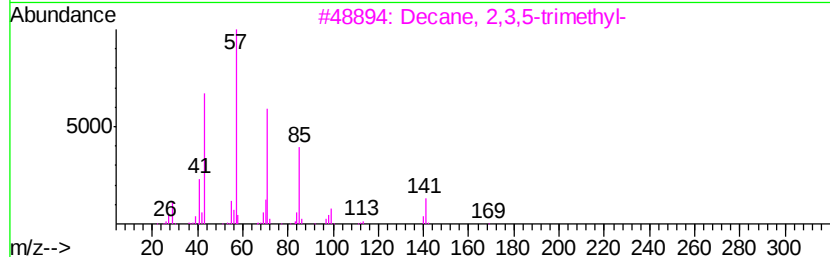
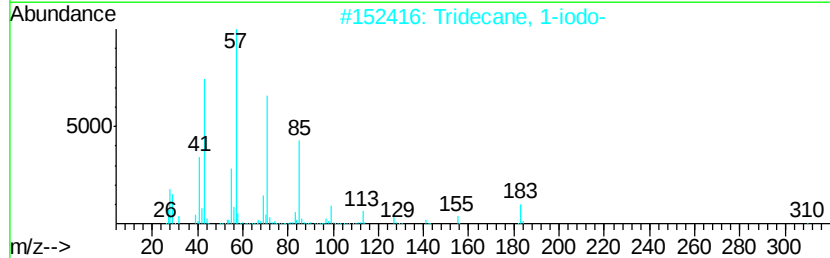
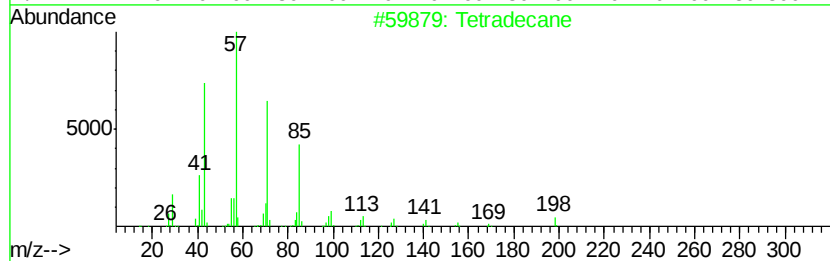
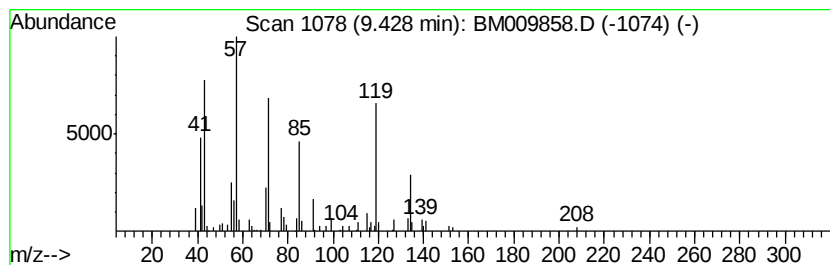
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	2.70 ng/ul	191791	Naphthalene-d8	10.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	43
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	43
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	43
4			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	38
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	38



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Data File : BM009858.D
Acq On : 02 May 2017 07:52
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Sample : I2849-12DL 5X
Misc :
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ClientSampleID :
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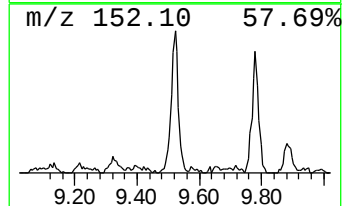
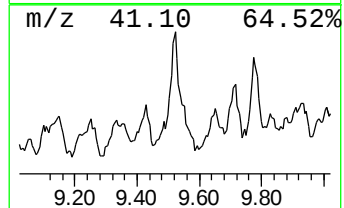
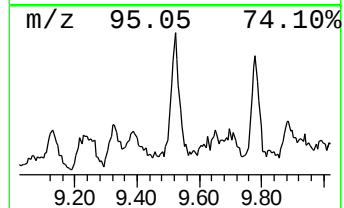
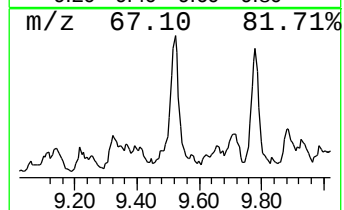
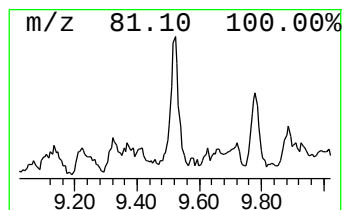
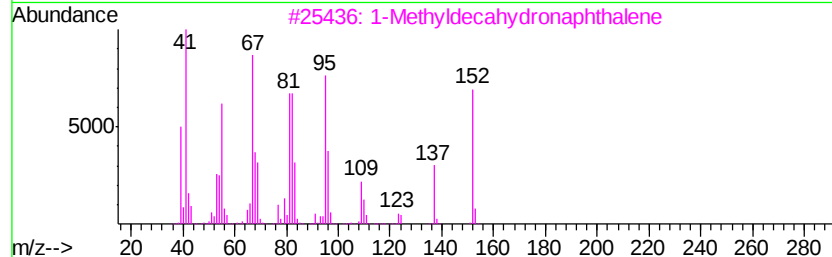
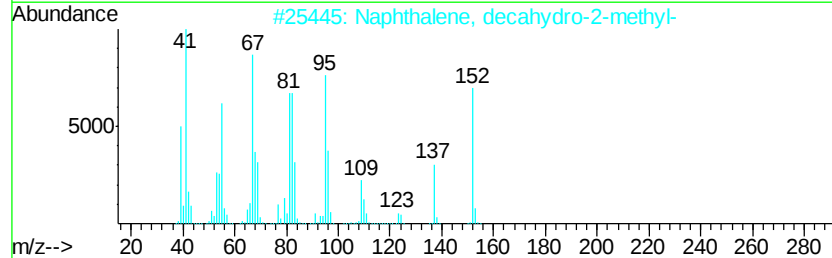
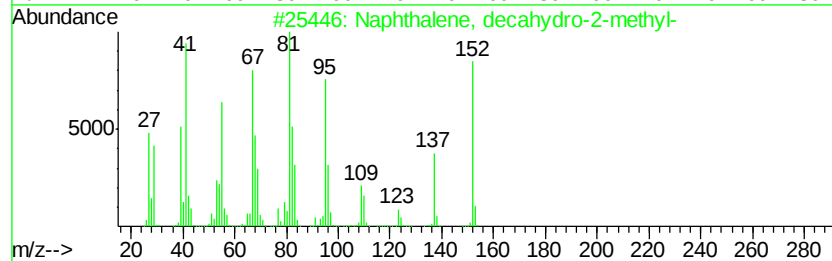
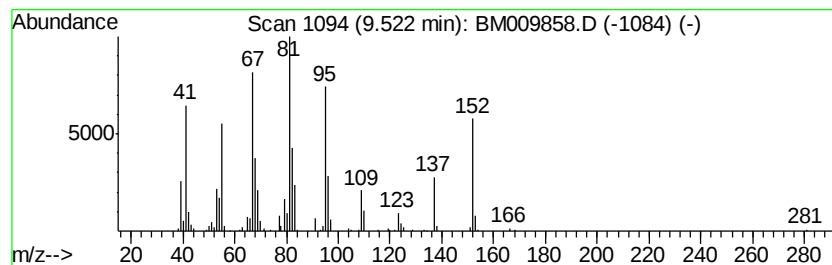
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Naphthalene, decahydro-2-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	16.32 ng/ul	1160750	Naphthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	98
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
3		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	93
4		6-Dodecyne	166	C12H22	006975-99-1	90
5		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleID :
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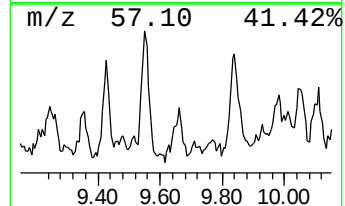
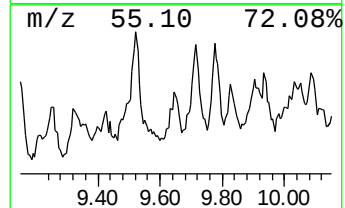
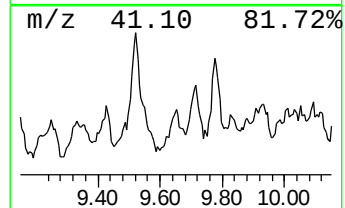
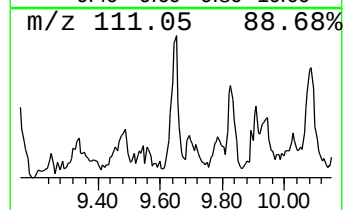
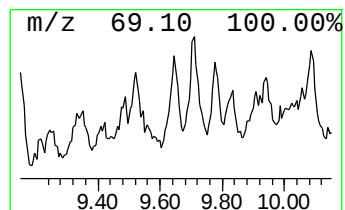
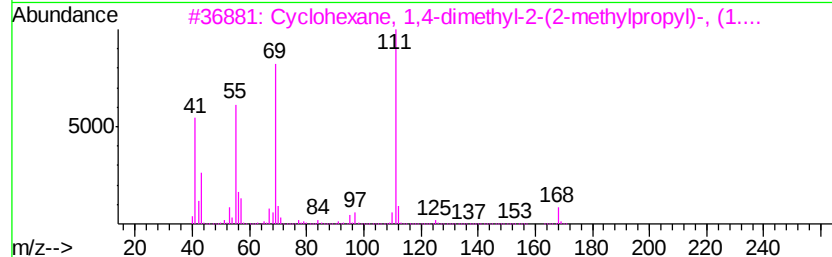
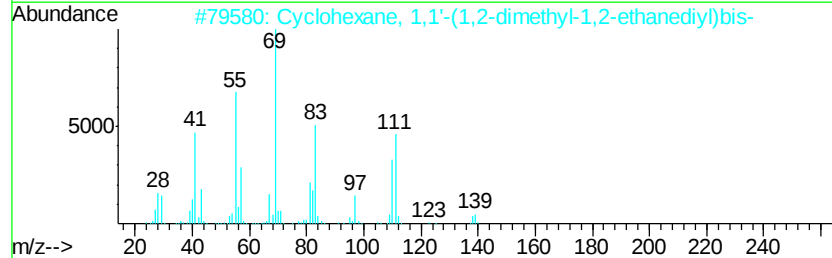
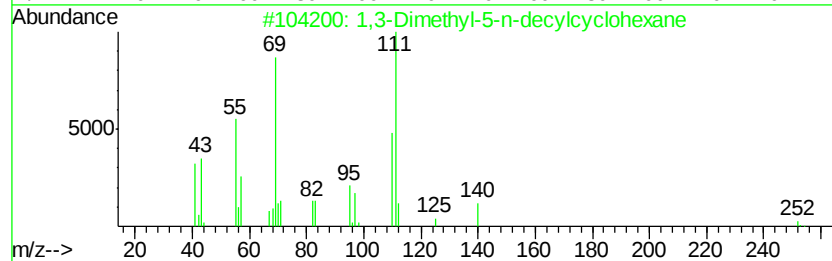
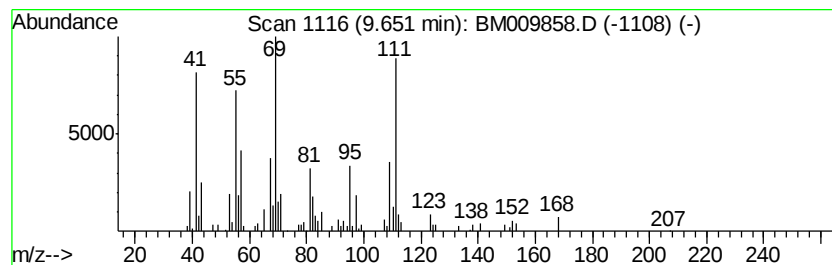
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	3.74 ng/ul	265962	Napthalene-d8	10.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Dimethyl-5-n-decylcyclohexane	252	C18H36	086710-36-3	53
2			Cyclohexane, 1,1'-(1,2-dimethyl-...	222	C16H30	074663-71-1	50
3			Cyclohexane, 1,4-dimethyl-2-(2-m...	168	C12H24	054411-17-5	49
4			Cyclooctane, butyl-	168	C12H24	016538-93-5	47
5			Cyclohexane, 1,4-dimethyl-2-(2-m...	168	C12H24	054411-17-5	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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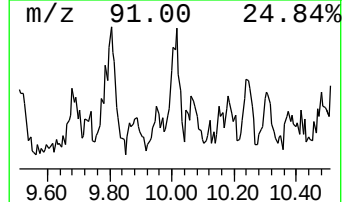
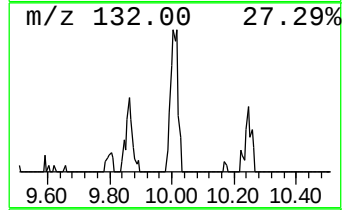
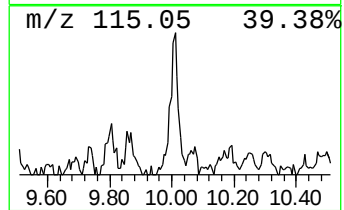
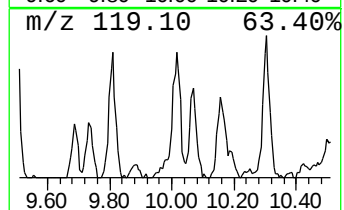
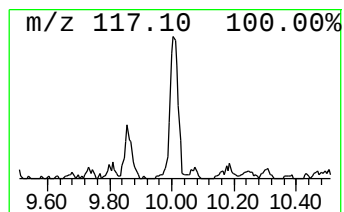
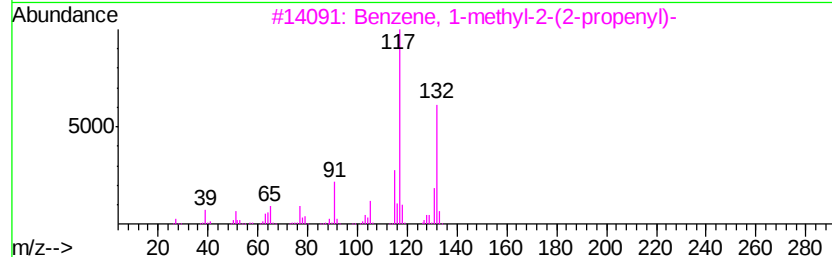
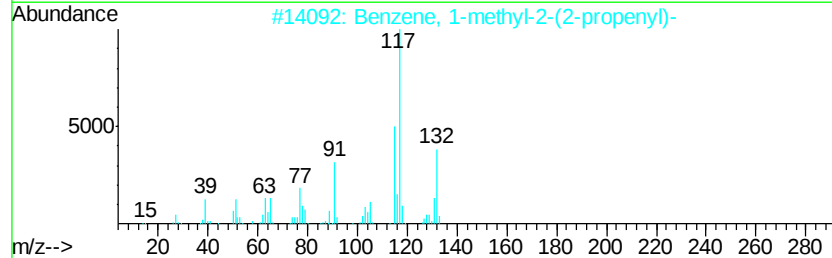
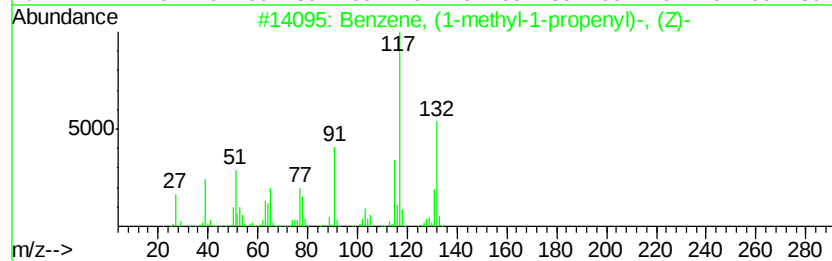
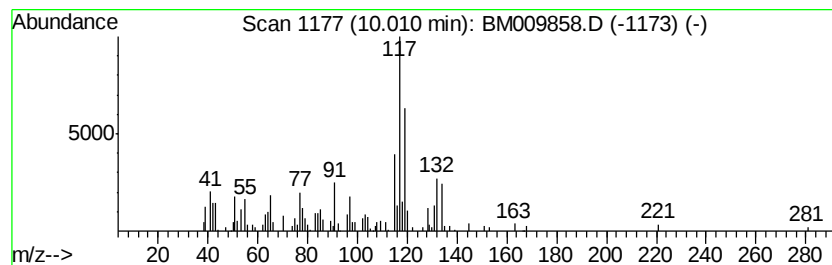
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Benzene, (1-methyl-1-propen... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	2.31 ng/ul	164133	Naphthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000767-99-7	91
2		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
4		Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
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Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

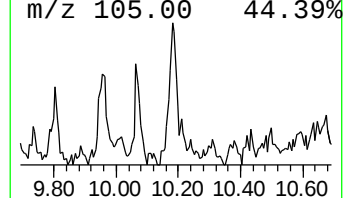
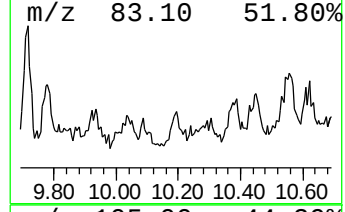
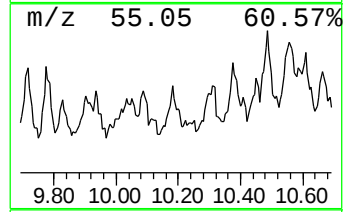
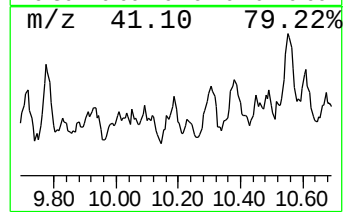
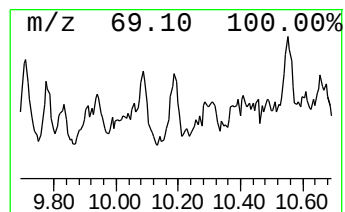
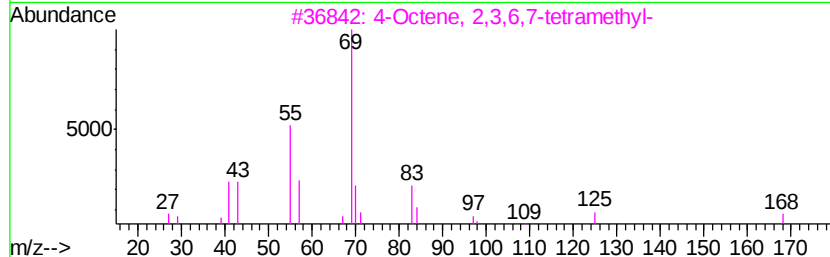
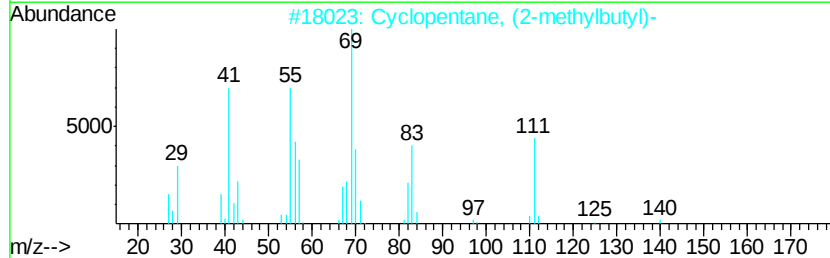
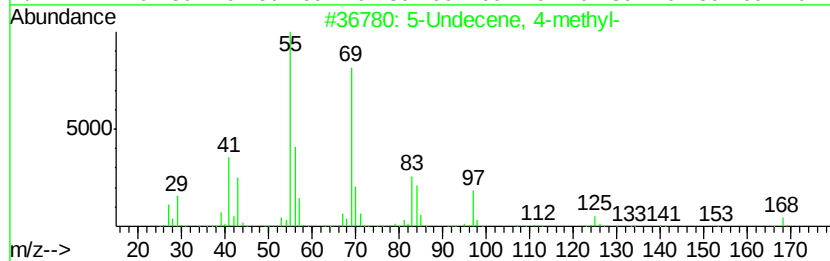
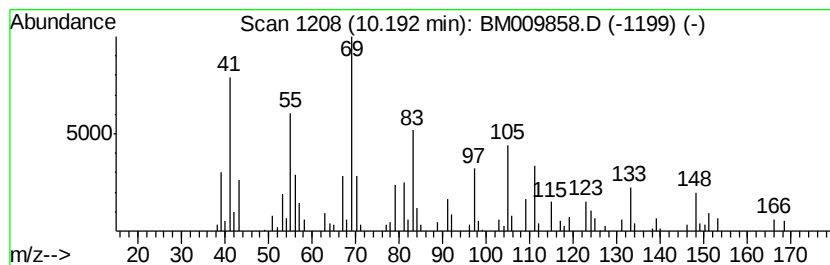
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Cyclic10.19 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	4.19 ng/ul	298245	Napthalene-d8	10.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	5-Undecene, 4-methyl-		168 C12H24	143185-91-5 47
2	Cyclopentane, (2-methylbutyl)-		140 C10H20	053366-38-4 43
3	4-Octene, 2,3,6,7-tetramethyl-		168 C12H24	063830-66-0 38
4	3-Undecene, 2-methyl-, (Z)-		168 C12H24	074630-48-1 38
5	2,2,4-Trimethyl-3-hexene		126 C9H18	059643-72-0 35



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
Operator : SJ/MA
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Instrument :
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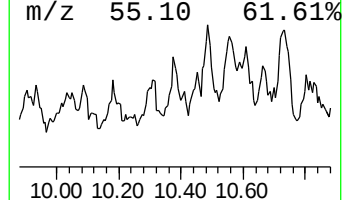
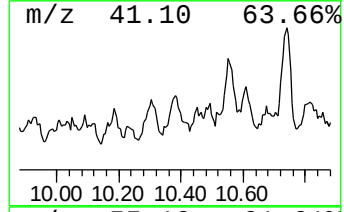
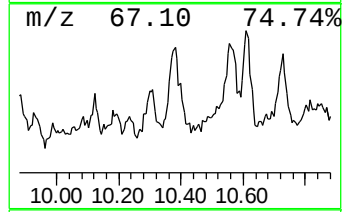
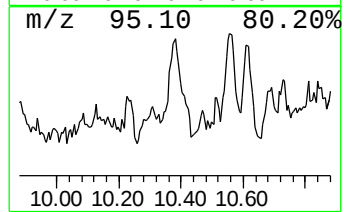
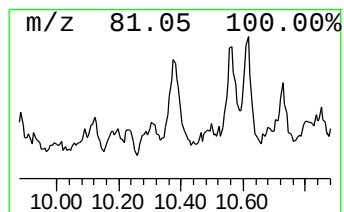
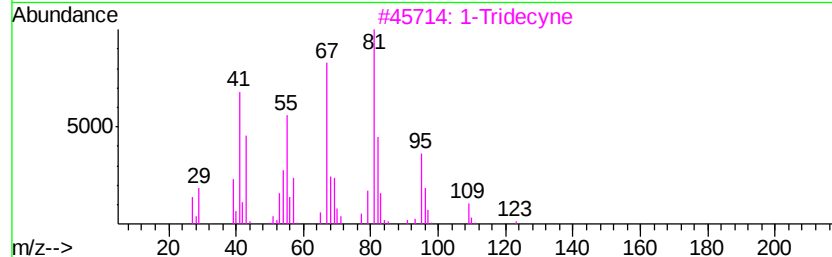
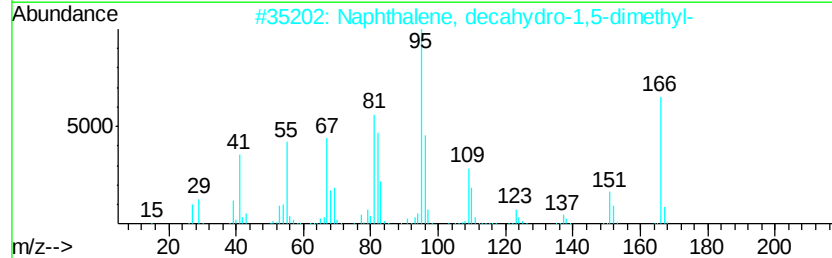
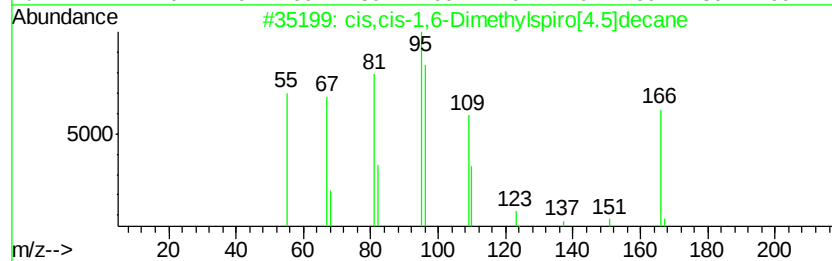
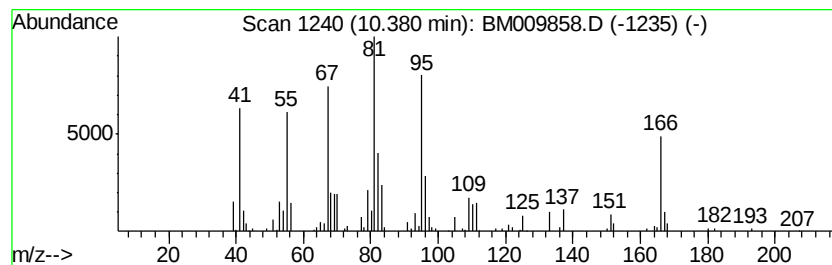
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 cis,cis-1,6-Dimethylspiro[4... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	5.45 ng/ul	387294	Naphthalene-d8	10.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	70
2			Naphthalene, decahydro-1,5-dimet...	166	C12H22	066552-62-3	55
3			1-Tridecyne	180	C13H24	026186-02-7	49
4			trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	49
5			Spiro[2.5]octane	110	C8H14	000185-65-9	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
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Sample : I2849-12DL 5X
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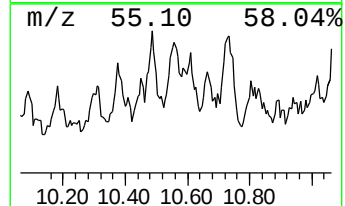
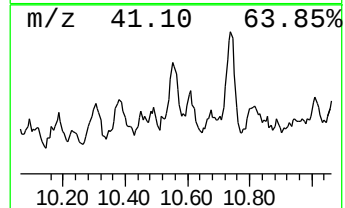
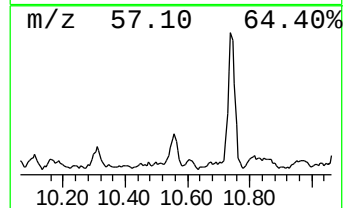
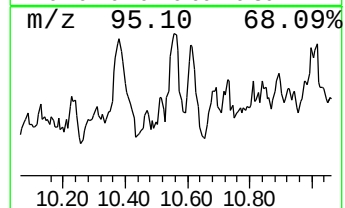
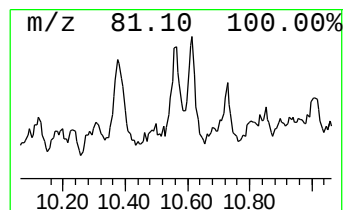
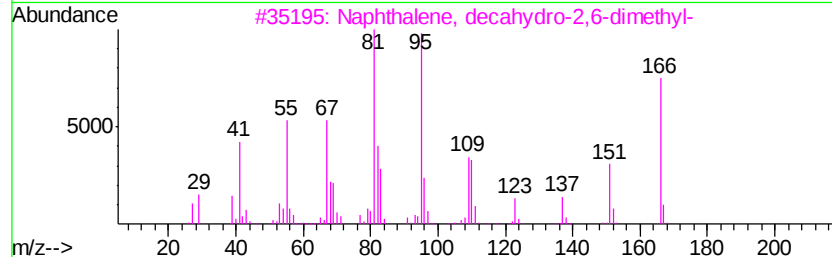
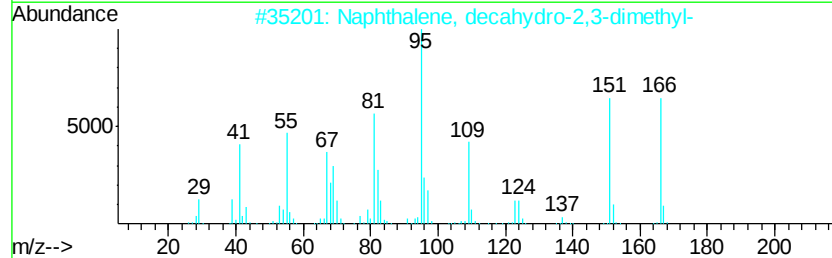
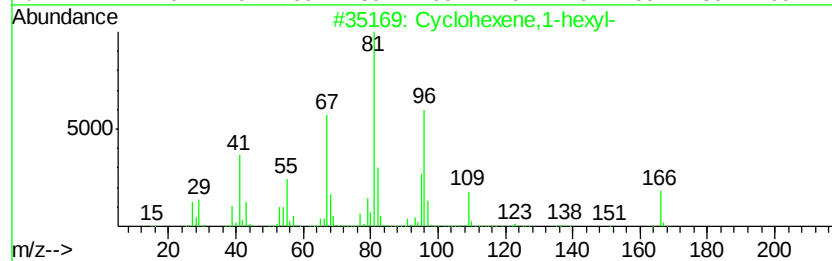
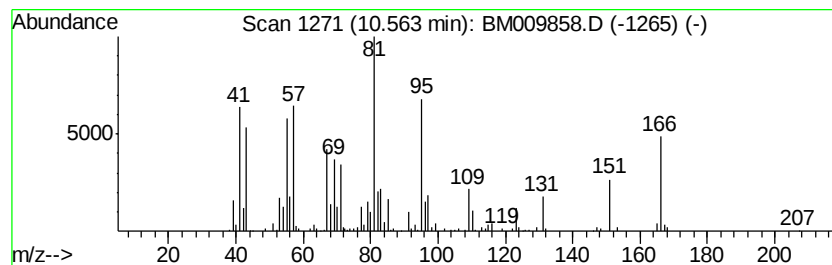
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ClientSampleID :
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Cyclohexene,1-hexyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	7.43 ng/ul	528136	Naphthalene-d8	10.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexene,1-hexyl-	166 C12H22	003964-66-7 64
2		Naphthalene, decahydro-2,3-dimet...	166 C12H22	001008-80-6 55
3		Naphthalene, decahydro-2,6-dimet...	166 C12H22	001618-22-0 46
4		Naphthalene, decahydro-1,5-dimet...	166 C12H22	066552-62-3 43
5		Bicyclo[3.1.0]hexan-3-one, 4-met...	152 C10H16O	001125-12-8 43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleID :
JHSW5DL

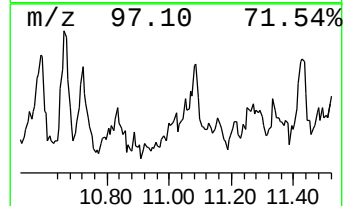
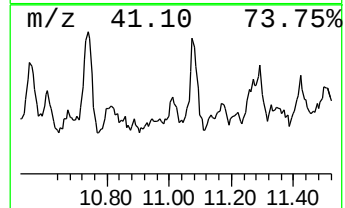
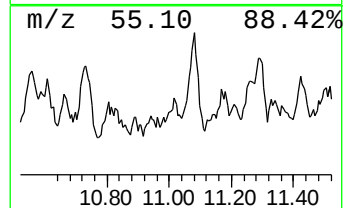
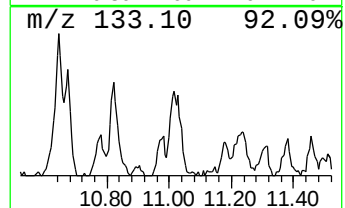
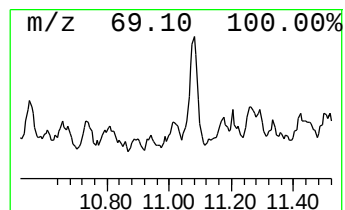
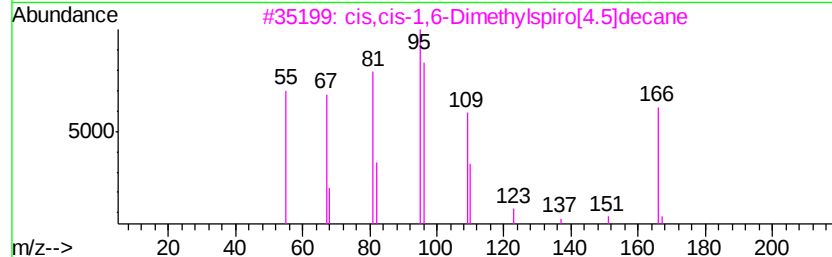
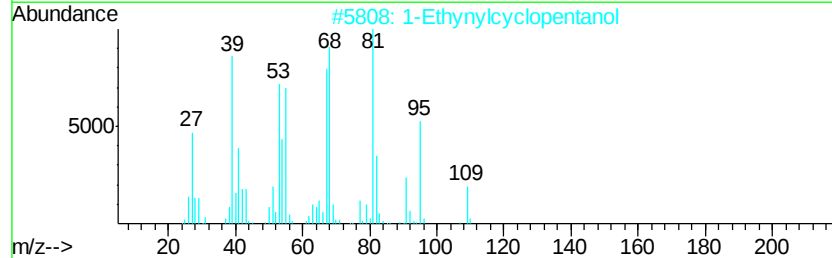
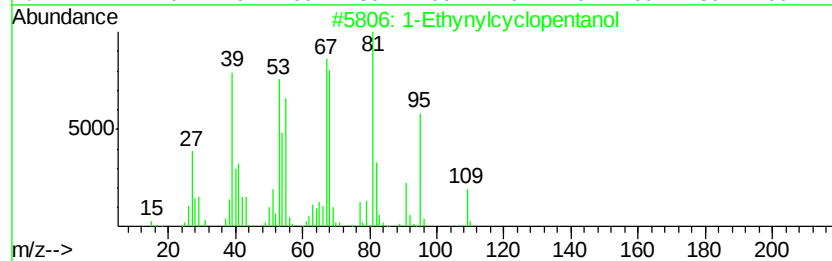
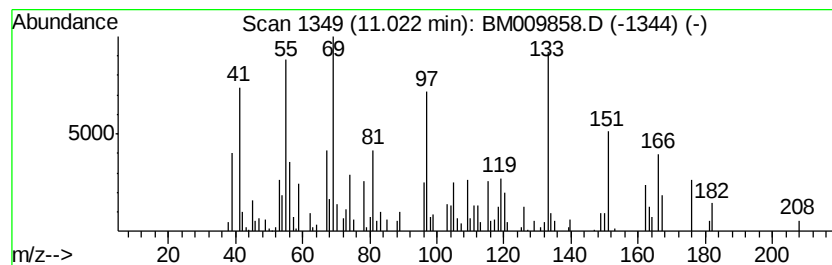
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 unknown-04 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	3.19 ng/ul	226926	Naphthalene-d8	10.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethynylcyclopentanol	110	C7H10O	017356-19-3	41
2			1-Ethynylcyclopentanol	110	C7H10O	017356-19-3	35
3			cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	30
4			1-Butene, 3-chloro-2-methyl-	104	C5H9Cl	005166-35-8	27
5			2-Octyne	110	C8H14	002809-67-8	27



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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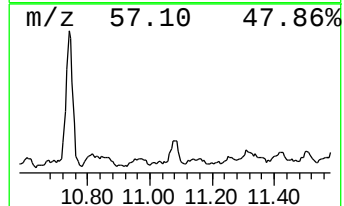
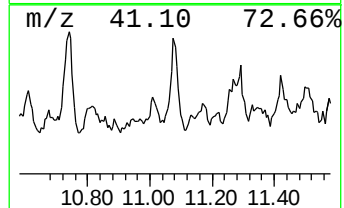
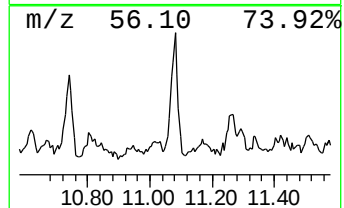
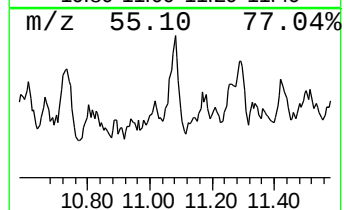
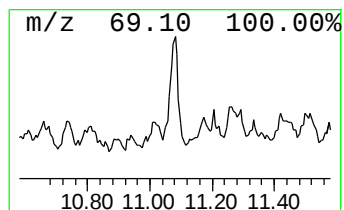
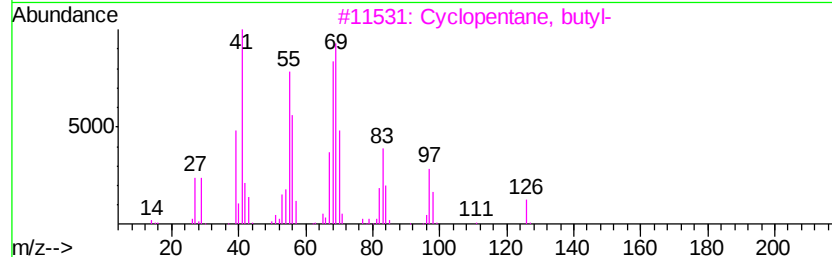
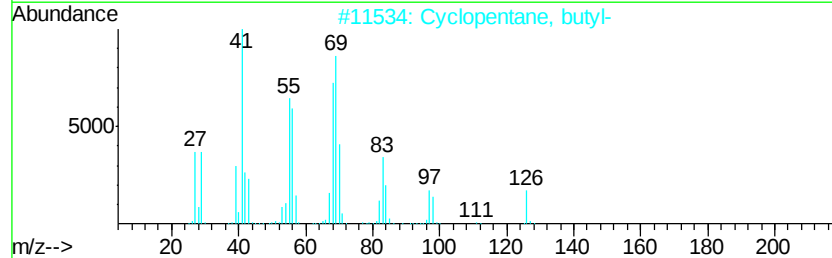
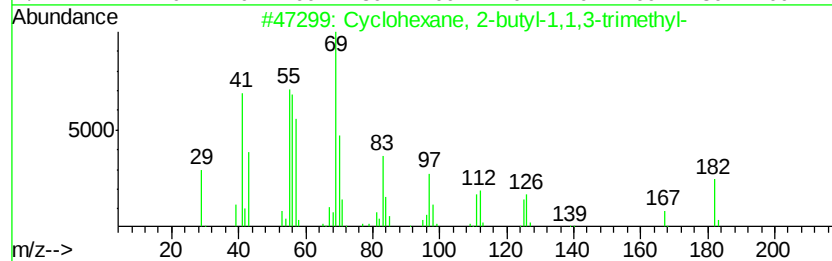
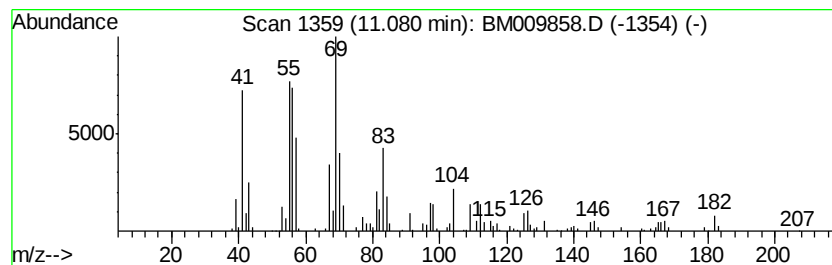
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Cyclic11.08 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	9.00 ng/ul	639904	Naphthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	76
2		Cyclopentane, butyl-	126	C9H18	002040-95-1	62
3		Cyclopentane, butyl-	126	C9H18	002040-95-1	52
4		Cyclopropane, 1-methyl-2-octyl-	168	C12H24	037617-26-8	50
5		Cyclopentane, 1,2-dibutyl-	182	C13H26	062199-52-4	46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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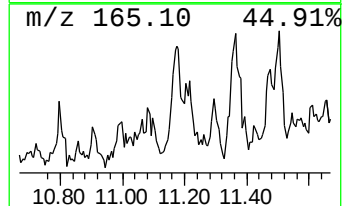
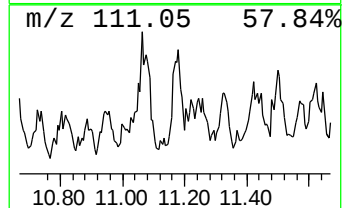
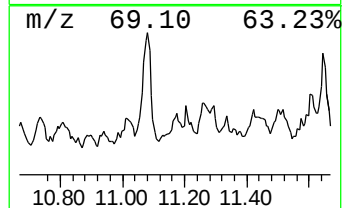
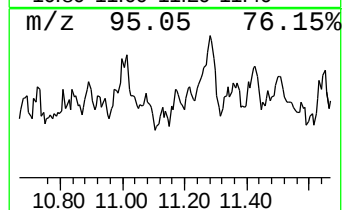
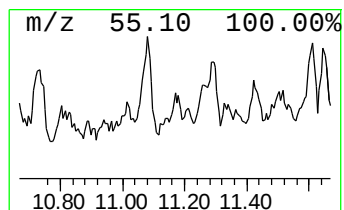
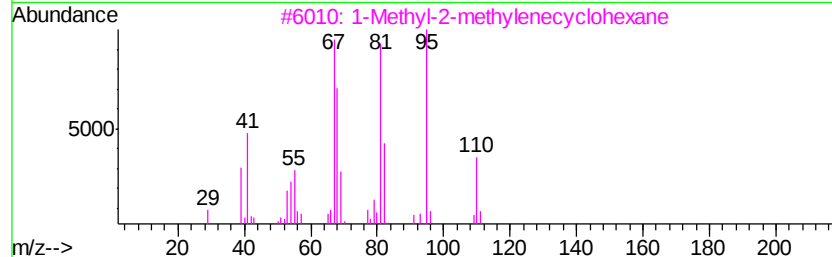
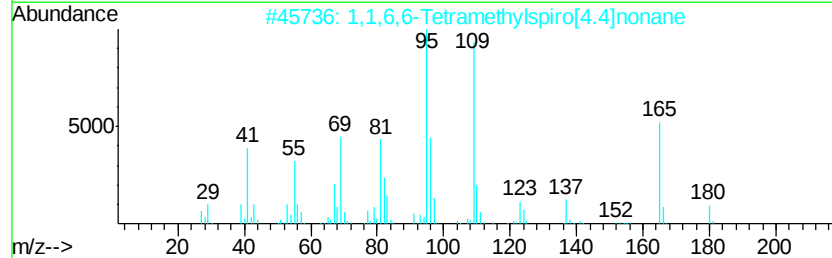
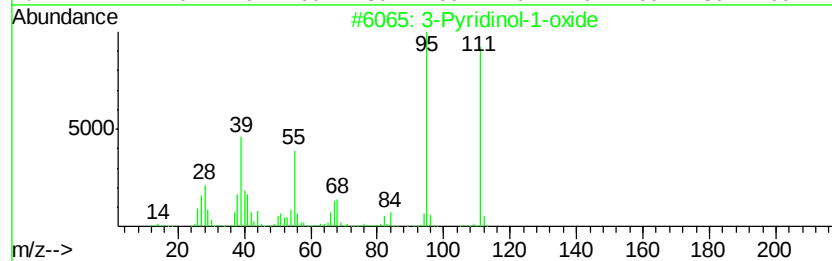
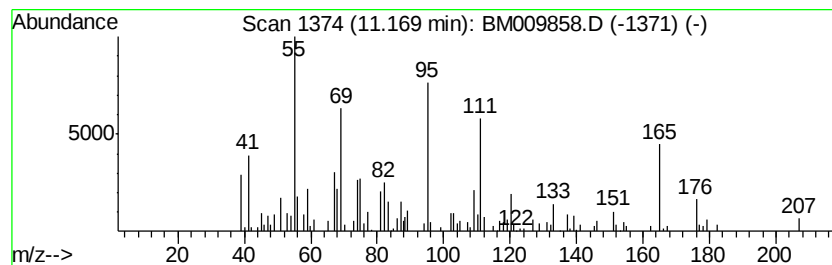
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 unknown-05 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	2.35 ng/ul	167292	Naphthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Pyridinol-1-oxide	111	C5H5NO2	006602-28-4	35
2		1,1,6,6-Tetramethylspiro[4.4]nonane	180	C13H24	074054-92-5	32
3		1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	22
4		2-Furoic acid, oct-3-en-2-yl ester	222	C13H18O3	1000299-23-6	22
5		2-Pyrimidinamine	95	C4H5N3	000109-12-6	18



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

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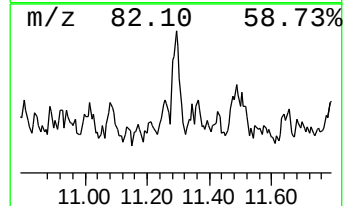
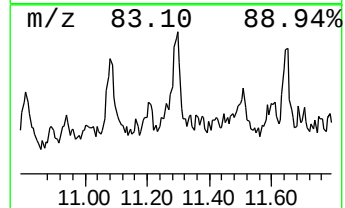
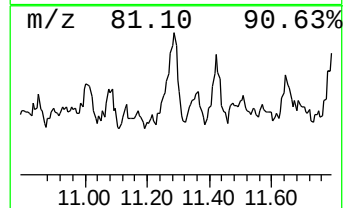
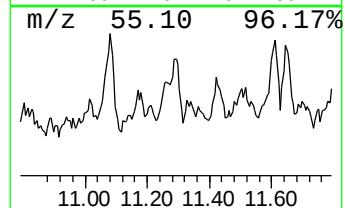
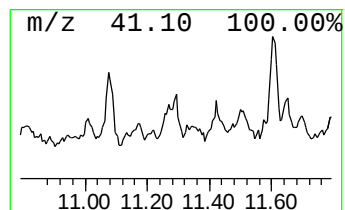
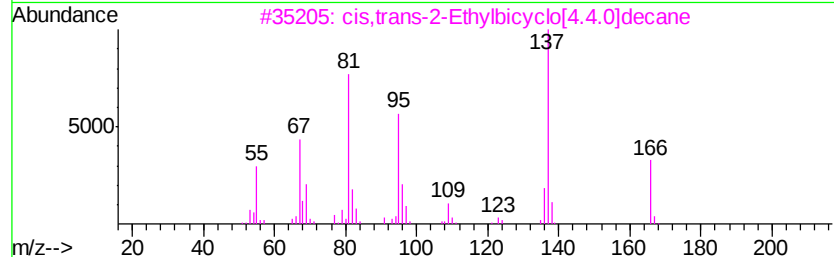
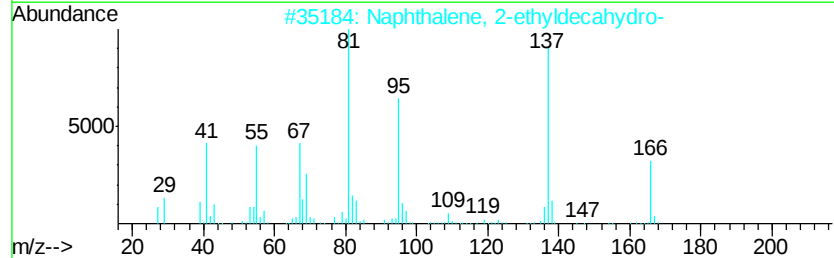
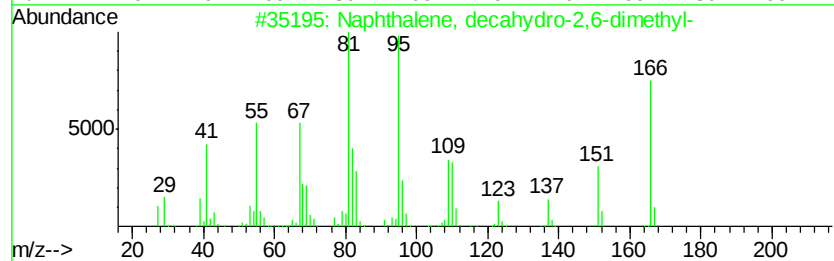
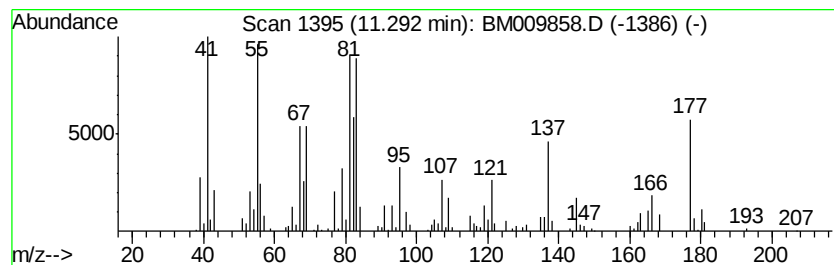
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Naphthalene, decahydro-2,6-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	8.47 ng/ul	602460	Naphthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	53
2		Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	49
3		cis,trans-2-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-38-6	49
4		Bicyclo[4.1.0]heptane, 7-pentyl-	166	C12H22	041977-45-1	46
5		2-n-Heptylfuran	166	C11H18O	003777-71-7	30



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

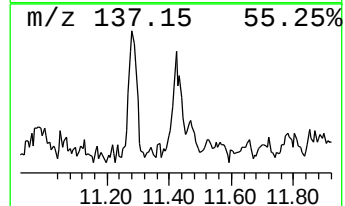
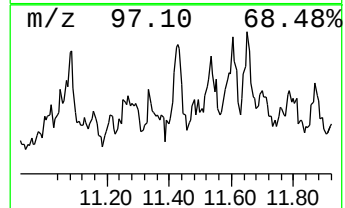
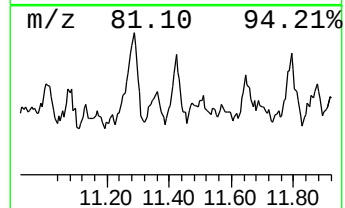
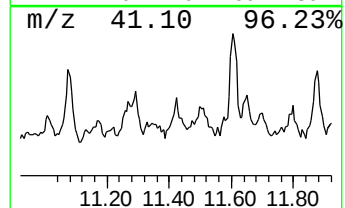
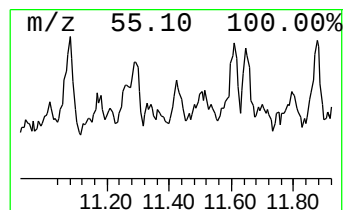
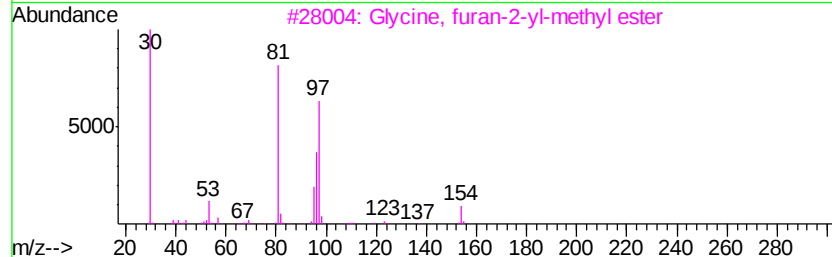
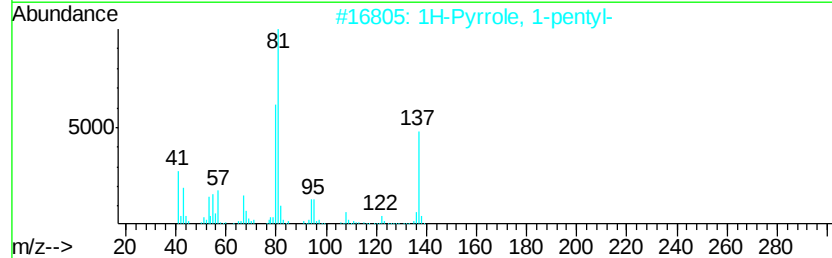
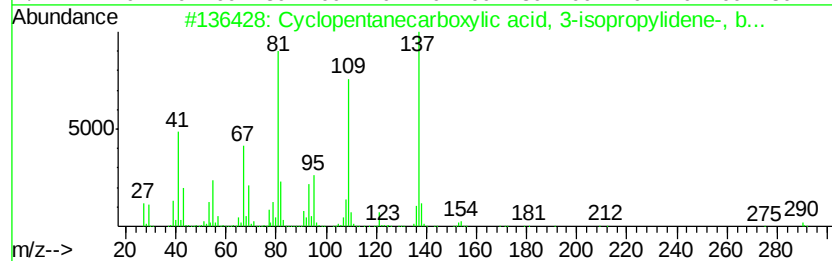
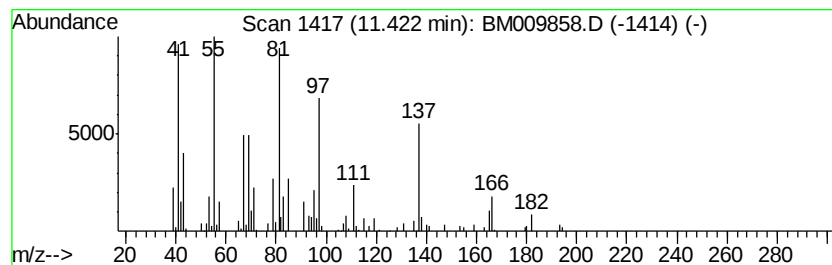
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 23 unknown-06 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	2.92 ng/ul	207837	Naphthalene-d8	10.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentanecarboxylic acid, 3-i...	290 C19H30O2	1000151-83-4 38
2		1H-Pyrrole, 1-pentyl-	137 C9H15N	000699-22-9 35
3		Glycine, furan-2-yl-methyl ester	155 C7H9NO3	1000306-78-7 35
4		trans-2-Methylcyclohexanol, chlo...	226 C9H13ClF2O2	1000376-26-0 32
5		1-Methyl-2-heptafluorobutyryloxy...	310 C11H13F7O2	1000216-64-0 32



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
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Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

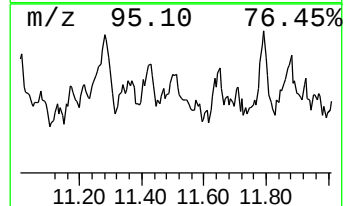
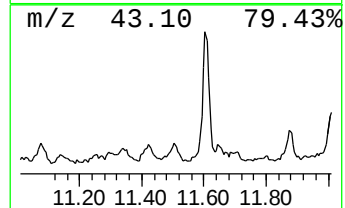
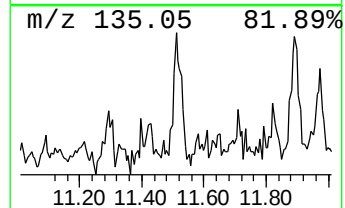
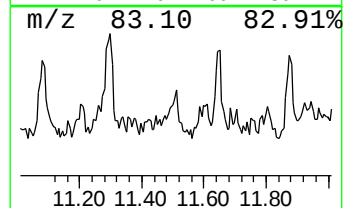
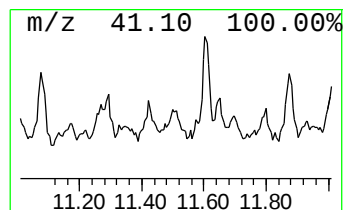
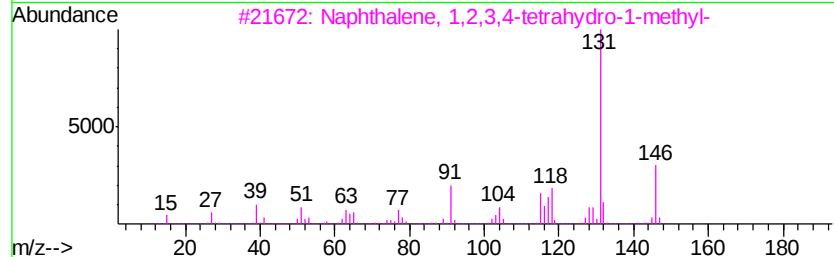
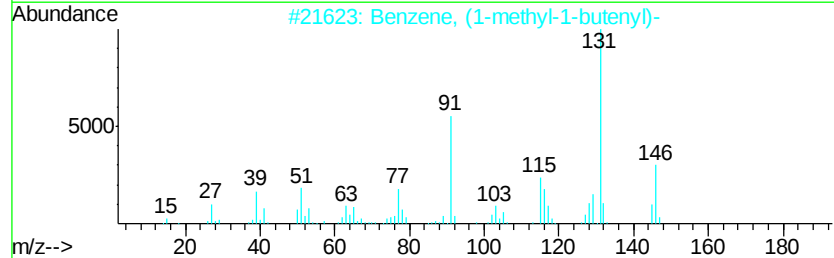
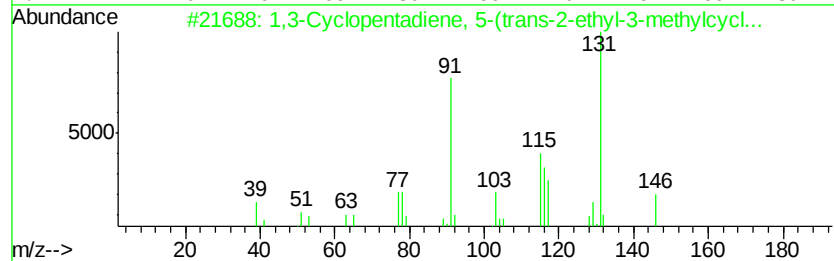
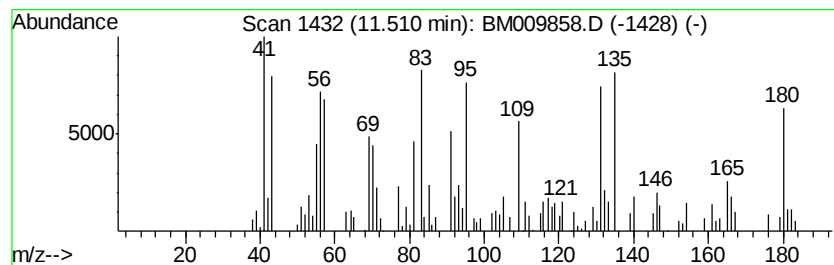
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 unknown-07 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	5.36 ng/ul	381312	Naphthalene-d8	10.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,3-Cyclopentadiene, 5-(trans-2-...	146 C11H14	079209-36-2	25
2	Benzene, (1-methyl-1-butenyl)-	146 C11H14	053172-84-2	15
3	Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001559-81-5	11
4	Benzenepropanol, 4-methoxy-.gamm...	180 C11H16O2	018229-94-2	11
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146 C11H14	017059-48-2	11



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleID :
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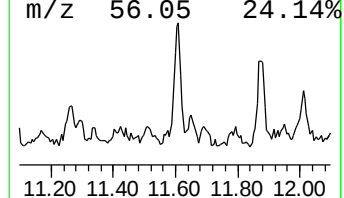
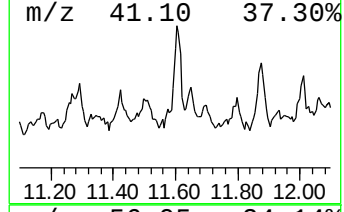
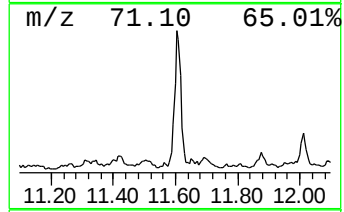
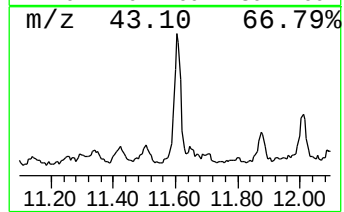
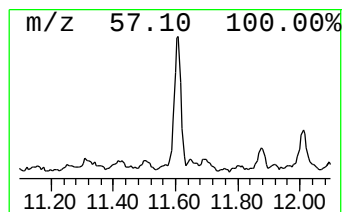
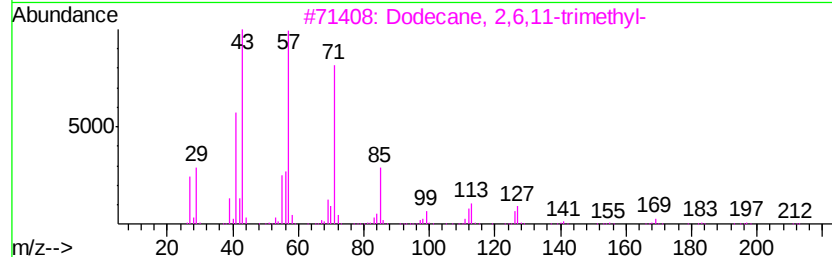
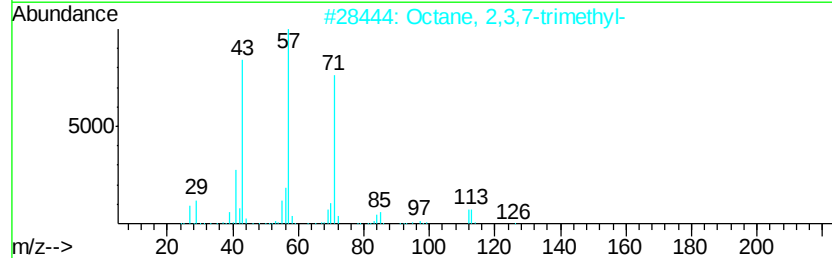
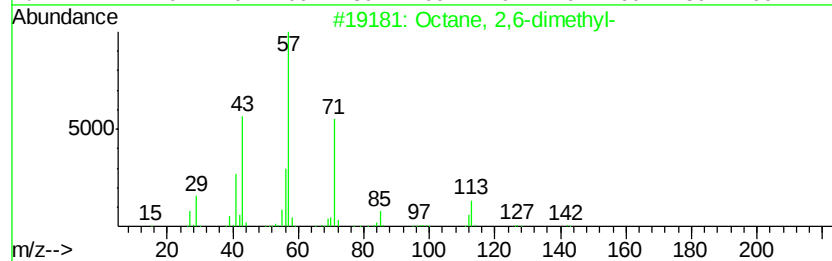
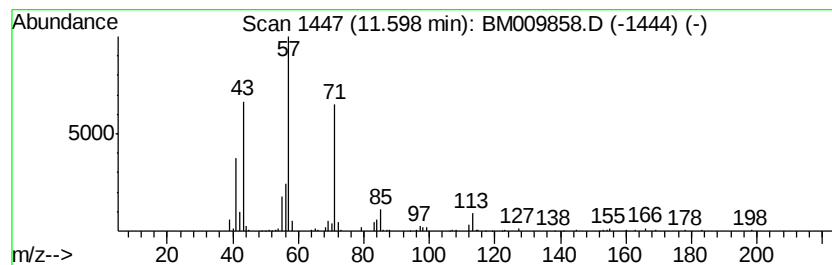
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	9.75 ng/ul	693103	Napthalene-d8	10.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	78
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
4			Tetracosane	338	C24H50	000646-31-1	72
5			Heneicosane	296	C21H44	000629-94-7	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

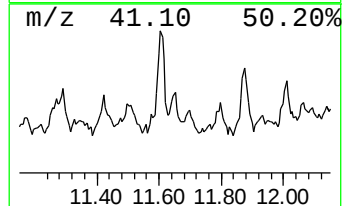
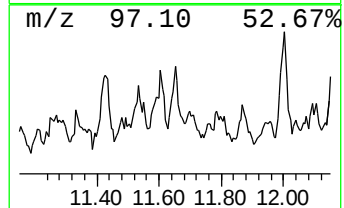
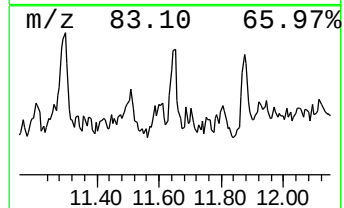
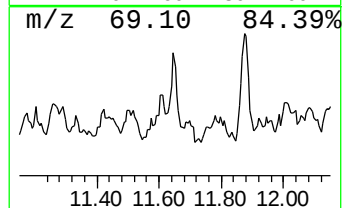
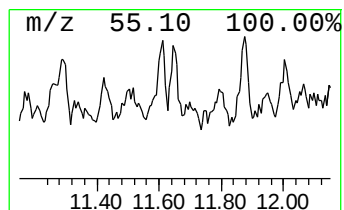
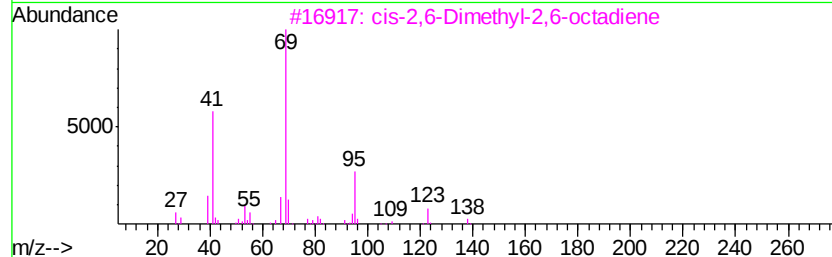
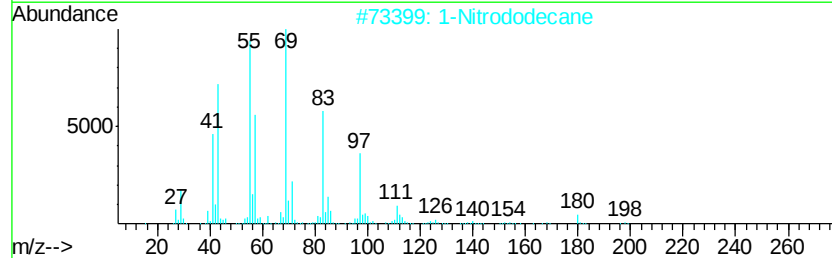
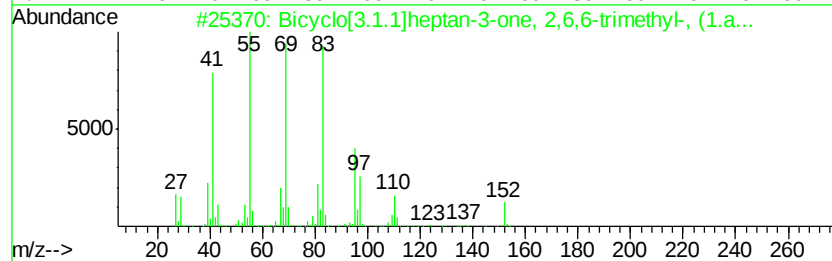
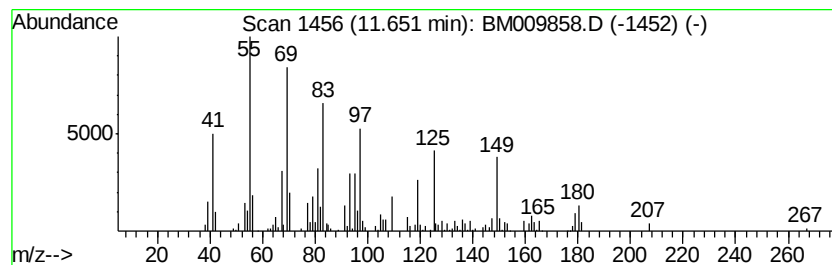
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 unknown-08 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	4.25 ng/ul	302048	Naphthalene-d8	10.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152 C10H16O	000547-60-4 47
2		1-Nitrododecane	215 C12H25NO2	016891-99-9 47
3		cis-2,6-Dimethyl-2,6-octadiene	138 C10H18	002492-22-0 30
4		Cyclopentanecarboxylic acid, eth...	140 C8H12O2	016523-06-1 27
5		1,4-Hexadiene, 3,3,5-trimethyl-	124 C9H16	074753-00-7 27



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

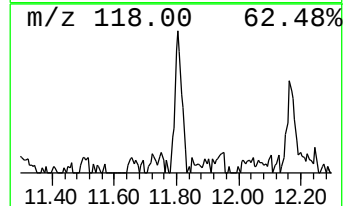
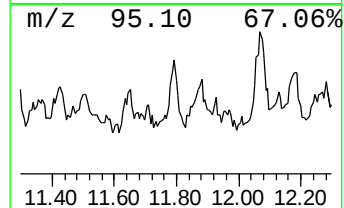
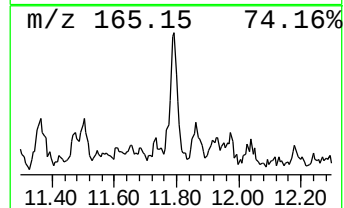
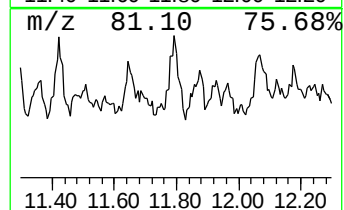
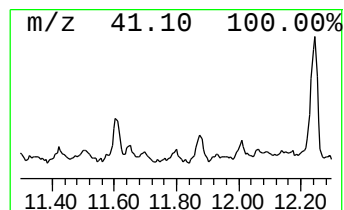
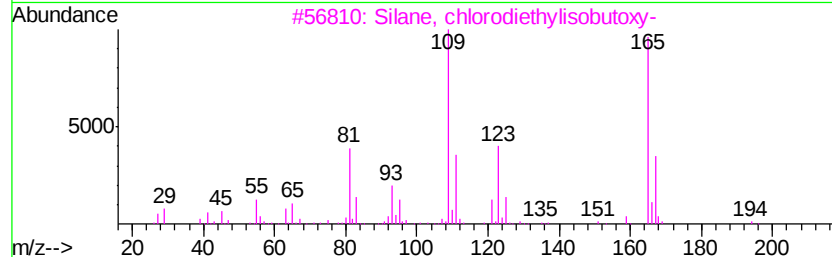
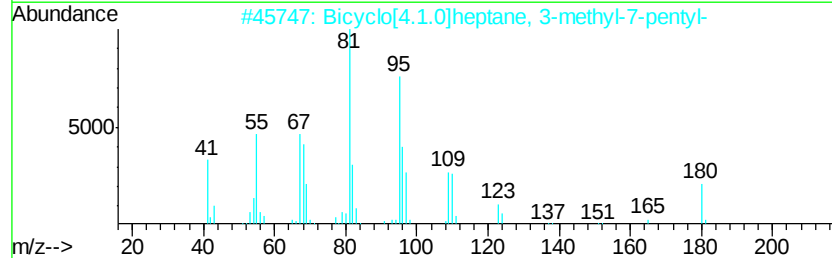
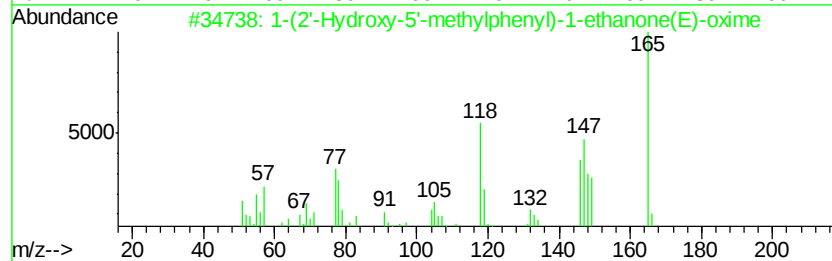
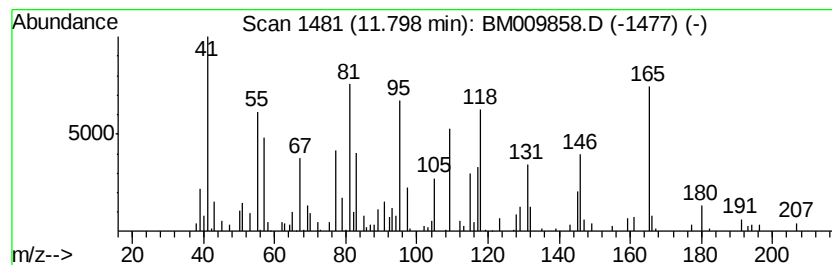
Instrument :
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ClientSampleID :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 27 unknown-09 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.80	4.97 ng/ul	353648	Napthalene-d8	10.62		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-(2'-Hydroxy-5'-methylphenyl)-1...	165	C9H11NO2	1000146-89-9	27
2		Bicyclo[4.1.0]heptane, 3-methyl-...	180	C13H24	041977-48-4	25
3		Silane, chlorodiethylisobutoxy-	194	C8H19ClOSi	1000363-07-1	18
4		Arsonous acid, methyl-, diethyl ...	180	C5H13AsO2	040515-06-8	18
5		1-Propanone, 1-(3-cyclohexen-1-y...	166	C11H18O	016076-65-6	14



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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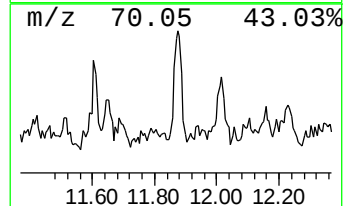
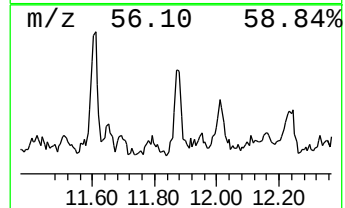
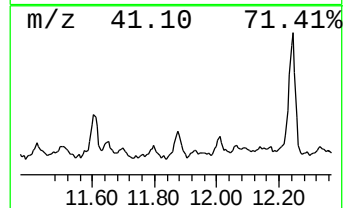
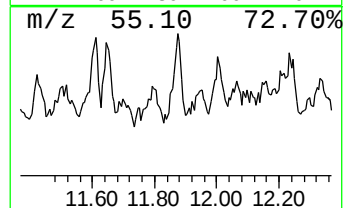
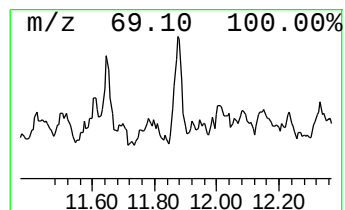
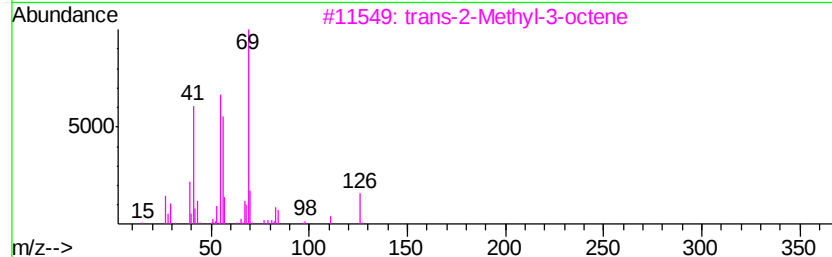
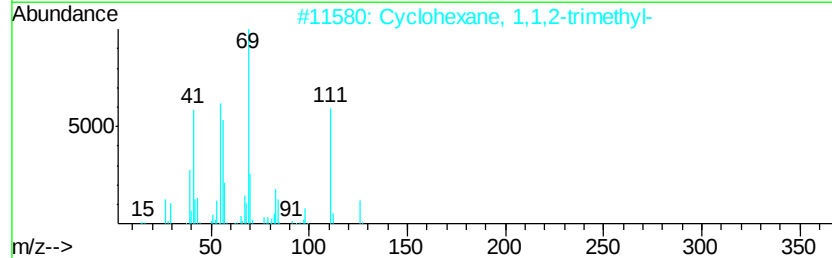
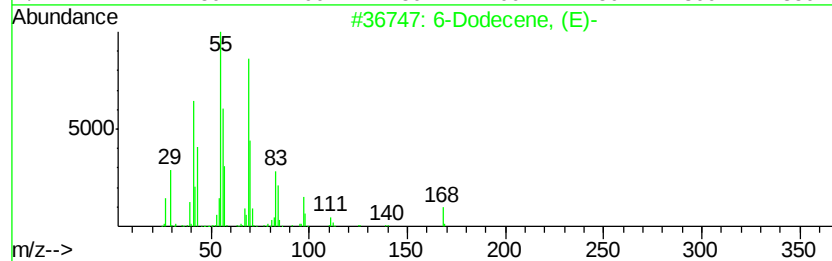
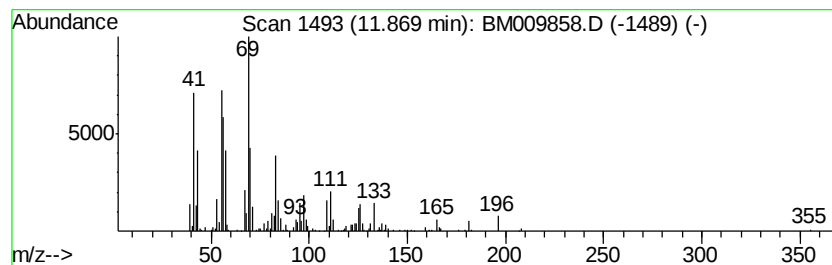
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 (DEL) Alkane: Cyclic11.87 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	8.02 ng/ul	570709	Napthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Dodecene, (E)-	168	C12H24	007206-17-9	64
2		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	53
3		trans-2-Methyl-3-octene	126	C9H18	052937-36-7	49
4		5-Tetradecene, (E)-	196	C14H28	041446-66-6	41
5		3-Tetradecene, (E)-	196	C14H28	041446-68-8	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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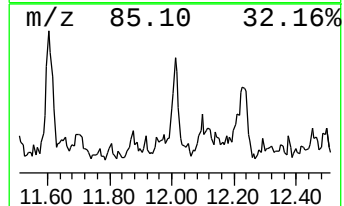
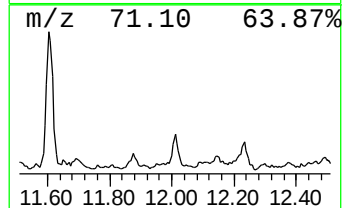
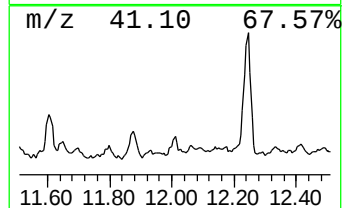
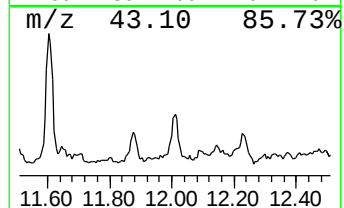
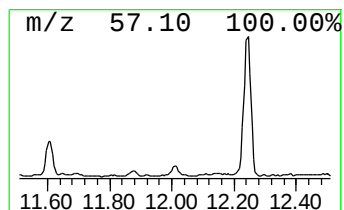
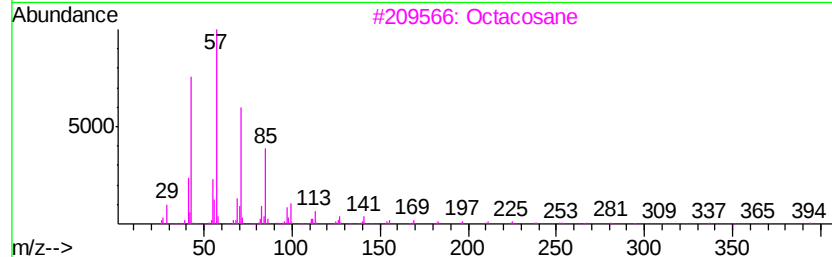
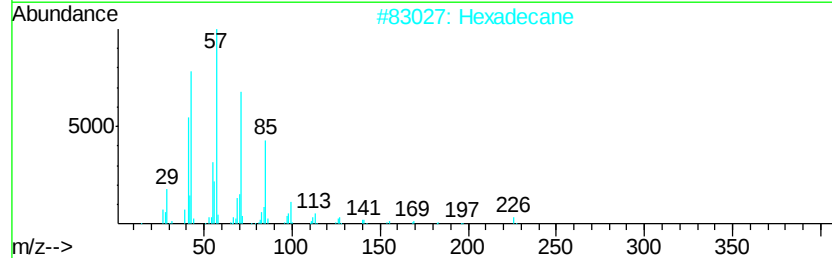
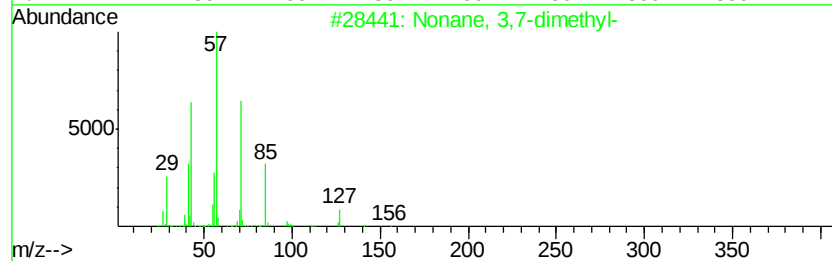
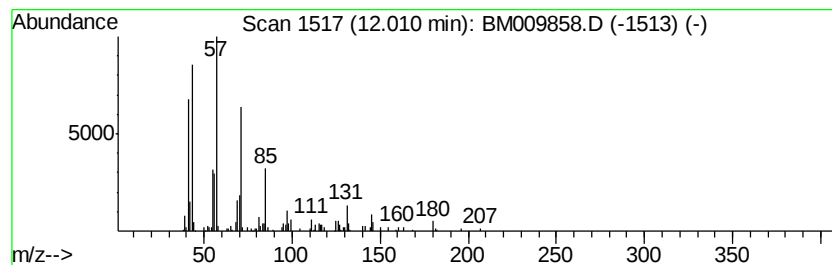
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	3.40 ng/ul	241916	Naphthalene-d8	10.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
2			Hexadecane	226	C16H34	000544-76-3	59
3			Octacosane	394	C28H58	000630-02-4	53
4			Decane	142	C10H22	000124-18-5	50
5			Tridecane	184	C13H28	000629-50-5	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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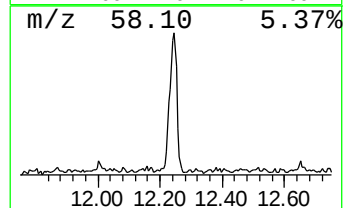
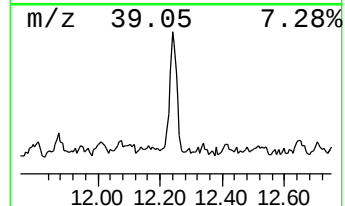
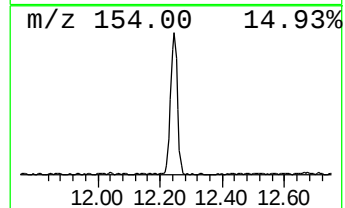
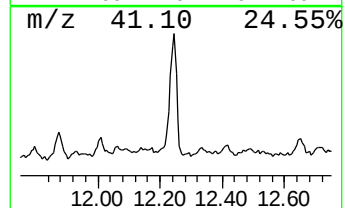
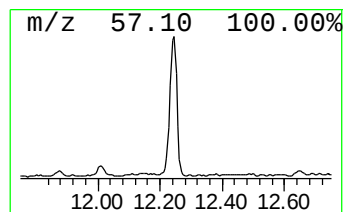
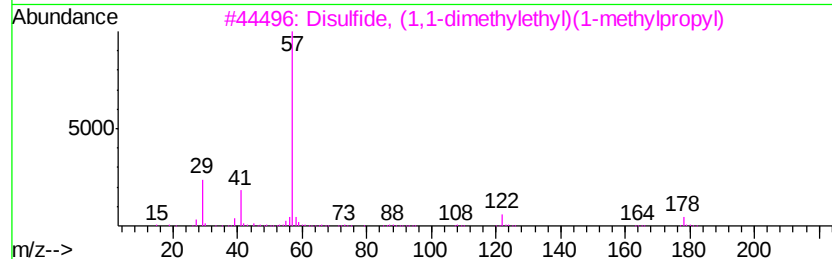
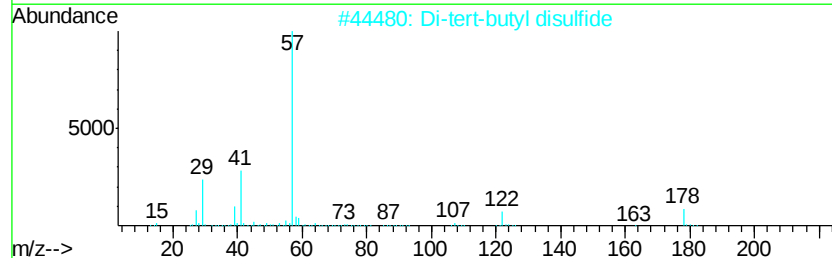
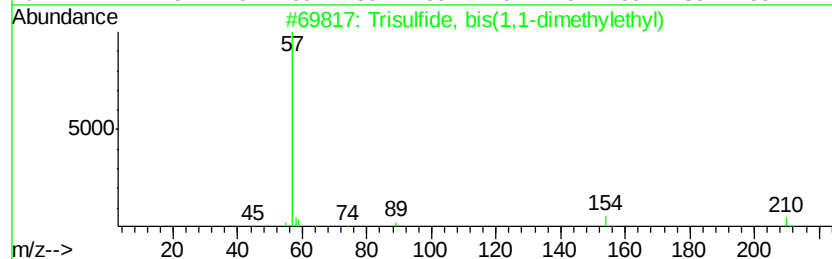
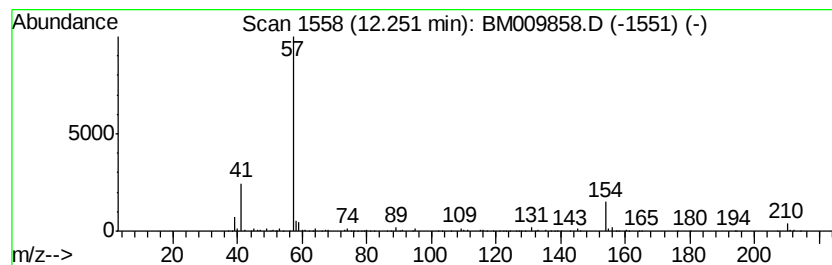
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Trisulfide, bis(1,1-dimethy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	22.92 ng/ul	1629740	Napthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trisulfide, bis(1,1-dimethylethyl)	210	C8H18S3	004253-90-1	64
2		Di-tert-butyl disulfide	178	C8H18S2	000110-06-5	35
3		Disulfide, (1,1-dimethylethyl)(1...	178	C8H18S2	072437-46-8	17
4		di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	17
5		Thiolane-3,4-dicarbonitrile, 2,5...	386	C16H20F6N2S	1000260-74-6	16



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

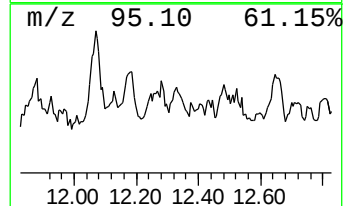
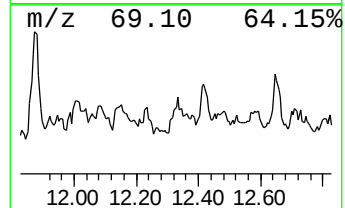
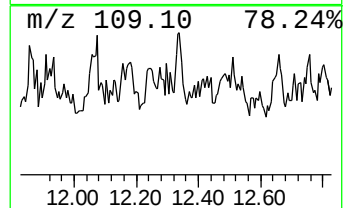
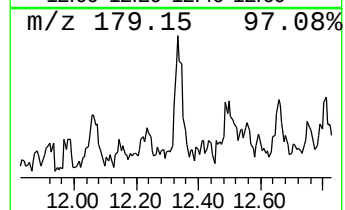
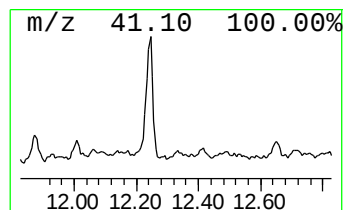
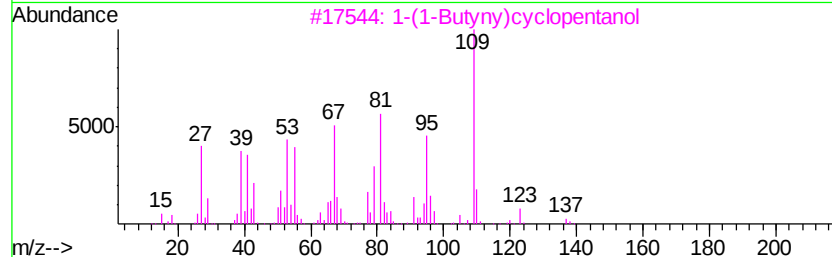
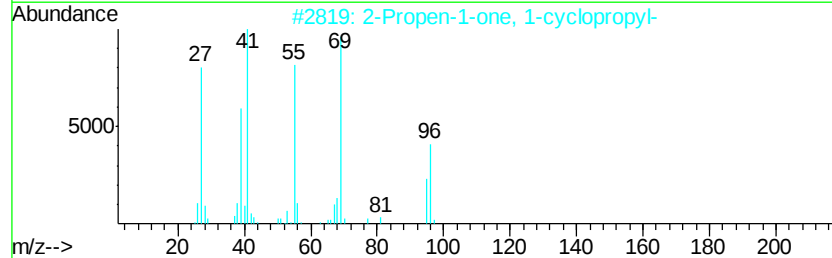
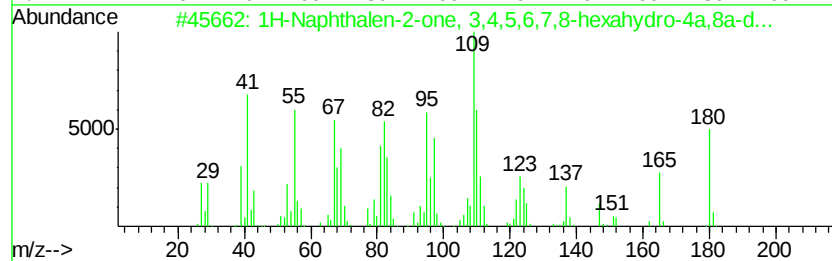
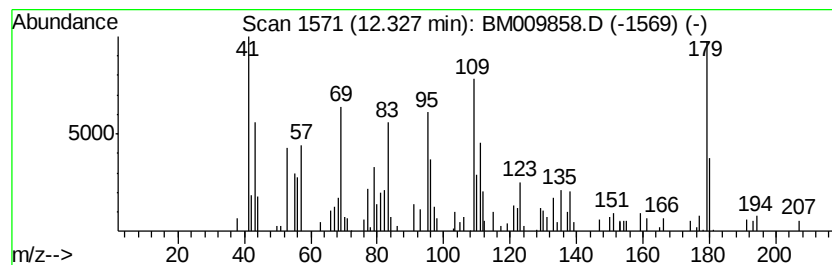
Instrument :
BNA_M
ClientSampleId :
JHSW5DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 31 unknown-10 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	2.34 ng/ul	166298	Naphthalene-d8	10.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1H-Naphthalen-2-one, 3,4,5,6,7,8...	180 C12H20O	1000164-27-1	20
2	2-Propen-1-one, 1-cyclopropyl-	96 C6H8O	059819-62-4	15
3	1-(1-Butyny)cyclopentanol	138 C9H14O	1000342-86-5	14
4	1,1'-Bicyclooctyl	222 C16H30	006708-17-4	14
5	2-Amino-4,6-pteridinediol	179 C6H5N5O2	005979-01-1	14



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSW5DL

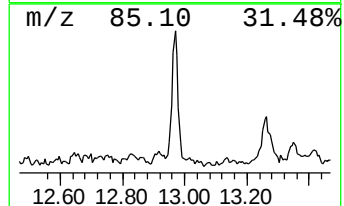
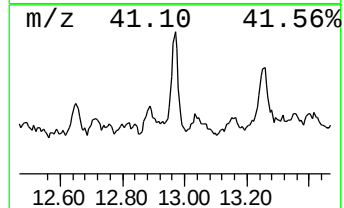
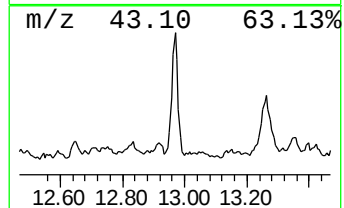
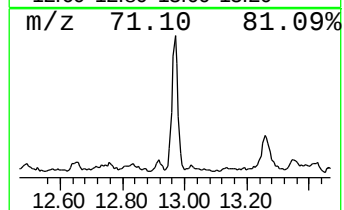
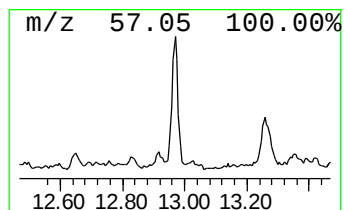
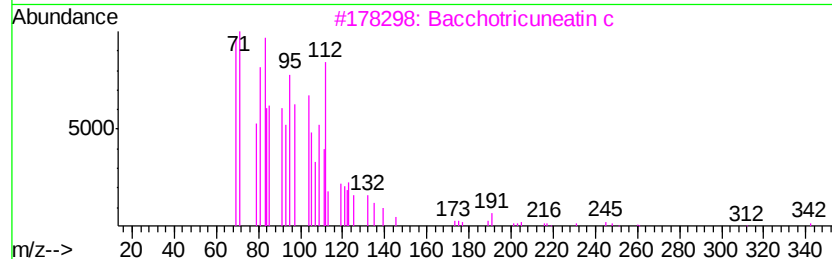
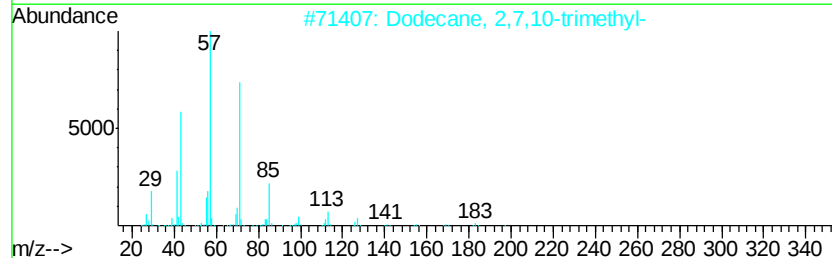
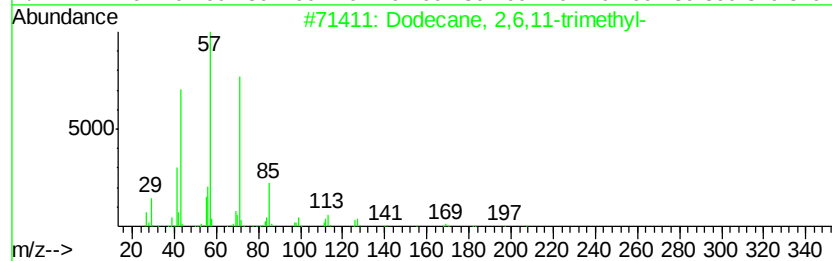
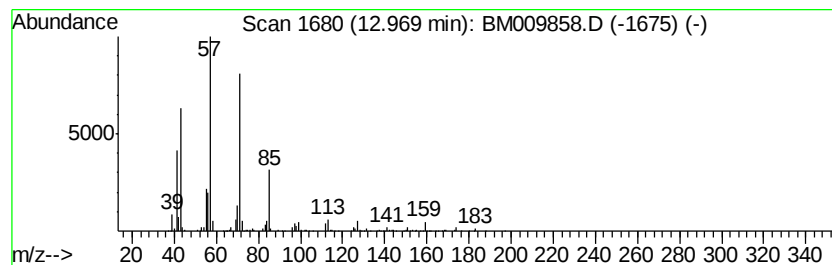
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	12.48 ng/ul	1086430	Acenaphthene-d10	14.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3			Bacchotricuneatin c	342	C20H22O5	066563-30-2	74
4			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64
5			Undecane, 6-ethyl-	184	C13H28	017312-60-6	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

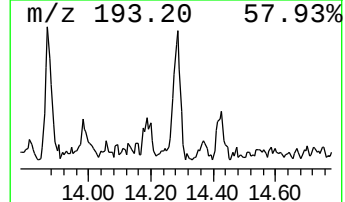
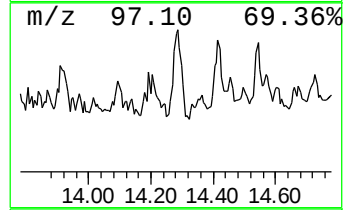
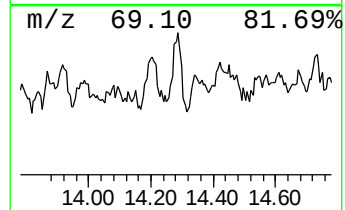
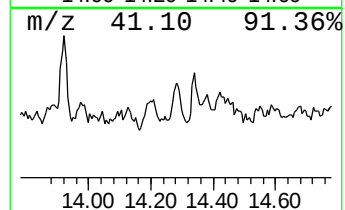
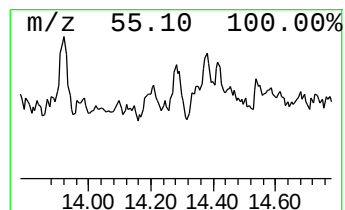
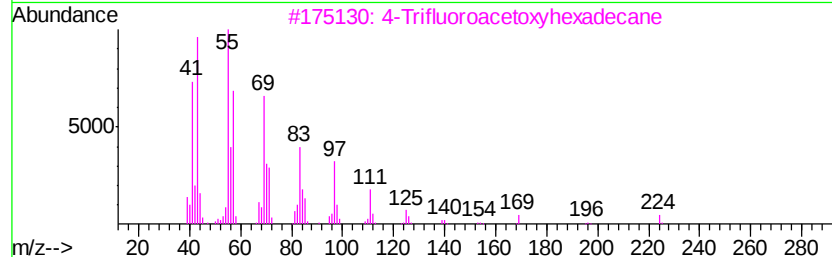
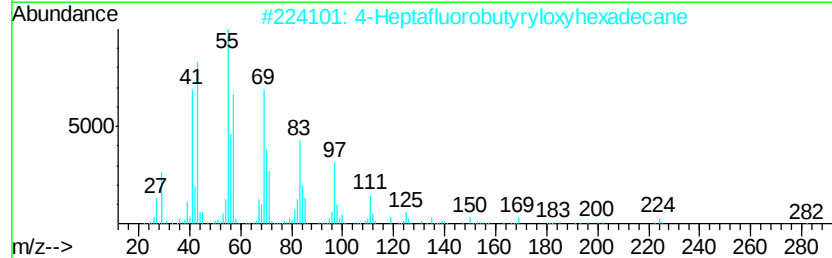
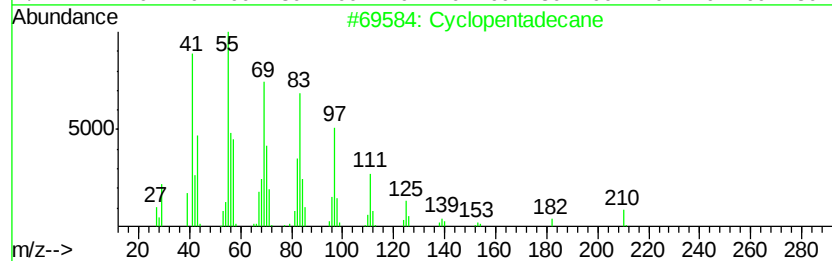
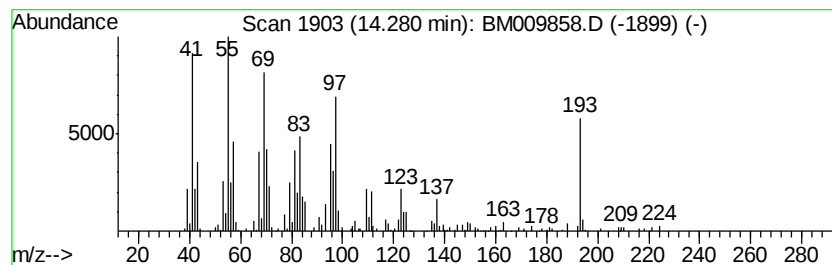
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 36 (DEL) Alkane: Cyclic14.28 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	6.64 ng/ul	578001	Acenaphthene-d10	14.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentadecane	210 C15H30	000295-48-7 46
2		4-Heptafluorobutyryloxyhexadecane	438 C20H33F7O2	1000282-97-2 43
3		4-Trifluoroacetoxyhexadecane	338 C18H33F3O2	1000215-97-5 43
4		Cetene	224 C16H32	000629-73-2 42
5		7-Hexadecene, (Z)-	224 C16H32	035507-09-6 30



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSW5DL

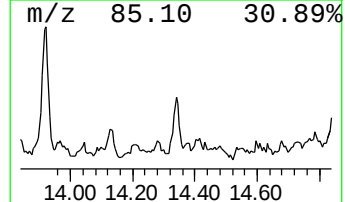
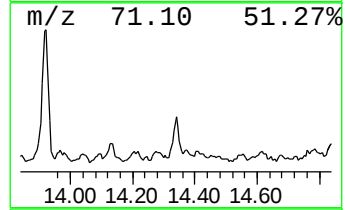
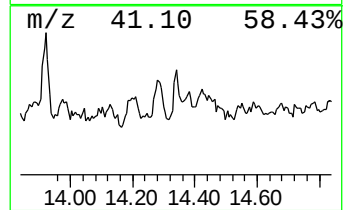
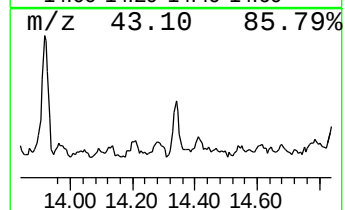
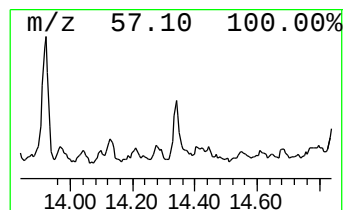
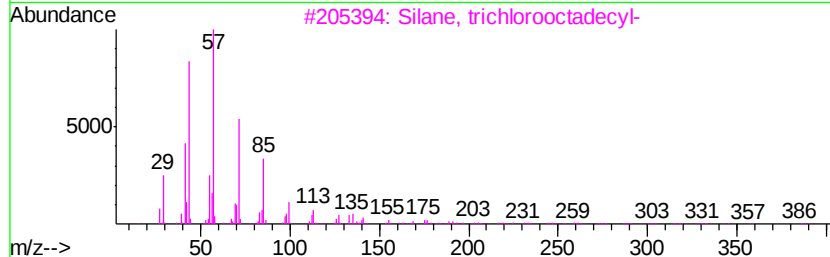
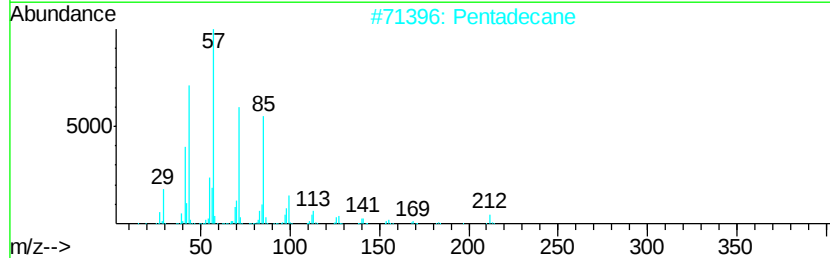
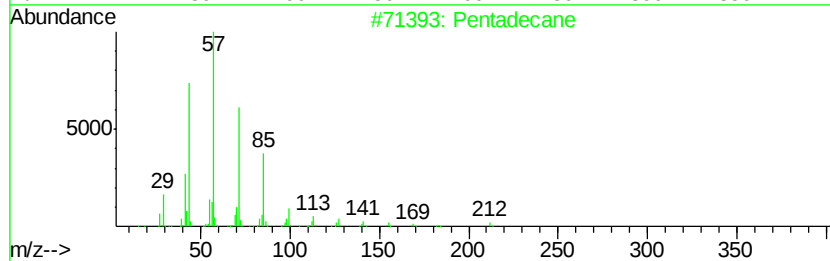
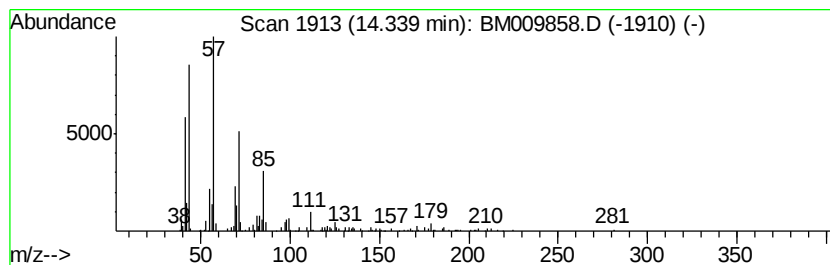
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	3.91 ng/ul	340339	Acenaphthene-d10	14.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	68
2			Pentadecane	212	C15H32	000629-62-9	68
3			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	64
4			Tridecane	184	C13H28	000629-50-5	64
5			Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSW5DL

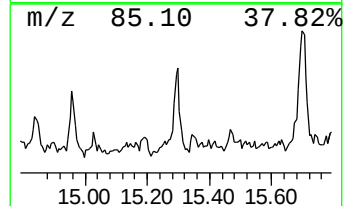
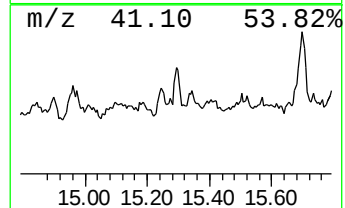
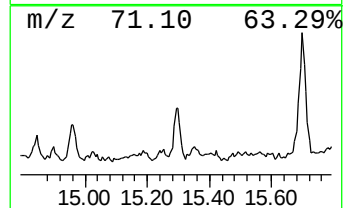
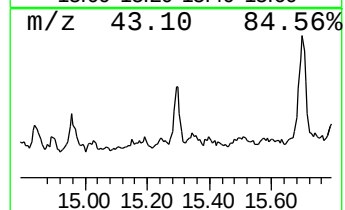
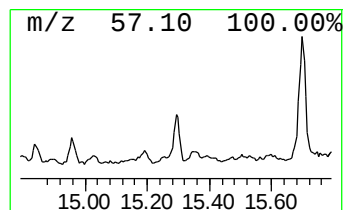
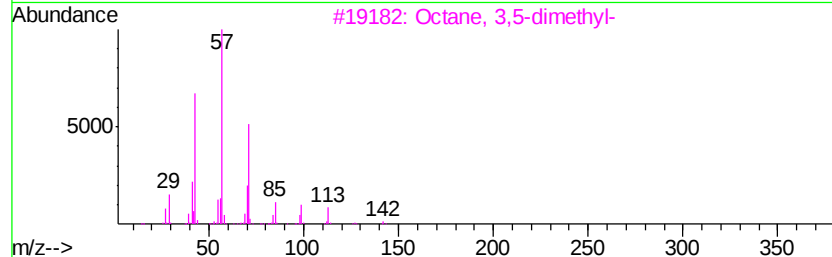
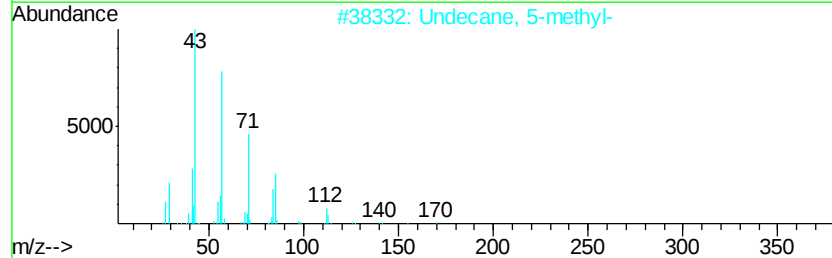
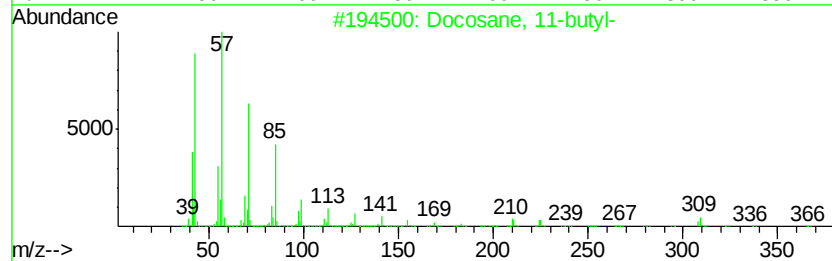
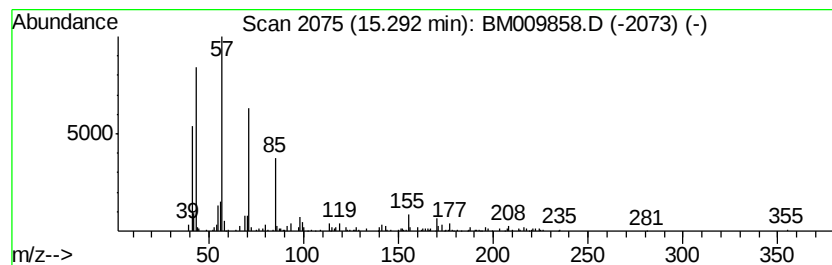
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Quant Title : SVOA CALIBRATION

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	3.40 ng/ul	295844	Acenaphthene-d10	14.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane, 11-butyl-	366	C26H54	013475-76-8	64
2			Undecane, 5-methyl-	170	C12H26	001632-70-8	64
3			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	53
4			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	50
5			3-Heptanone, 4-methyl-	128	C8H16O	006137-11-7	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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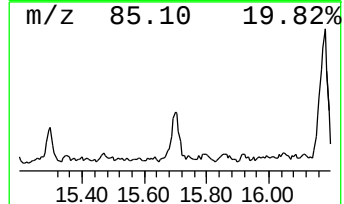
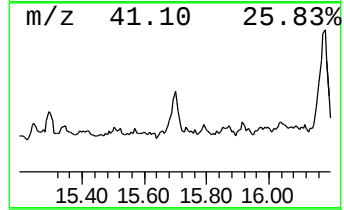
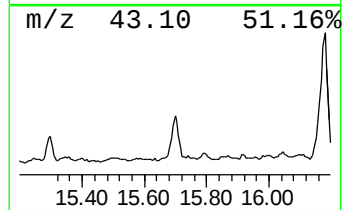
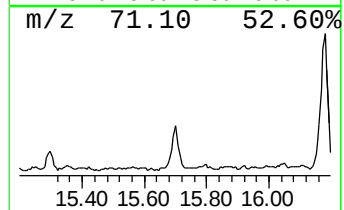
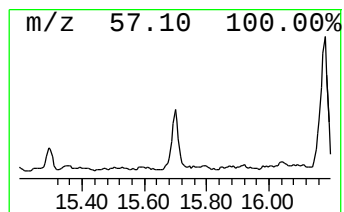
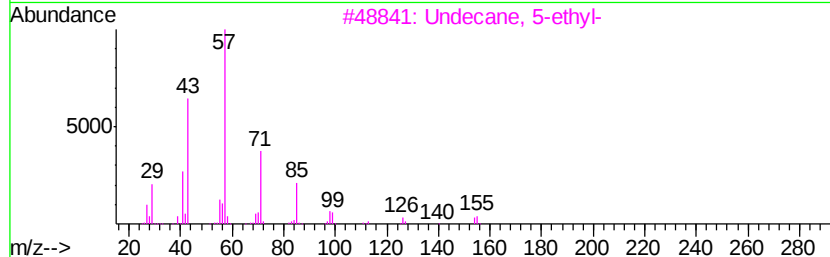
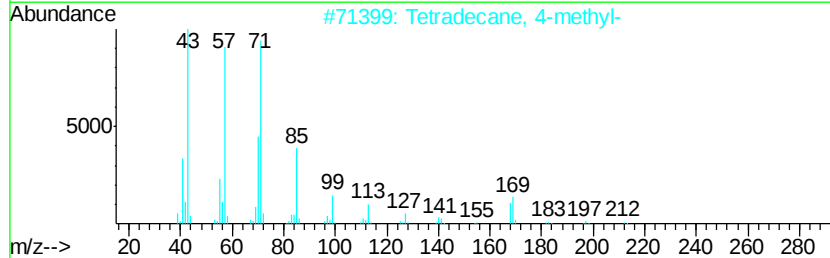
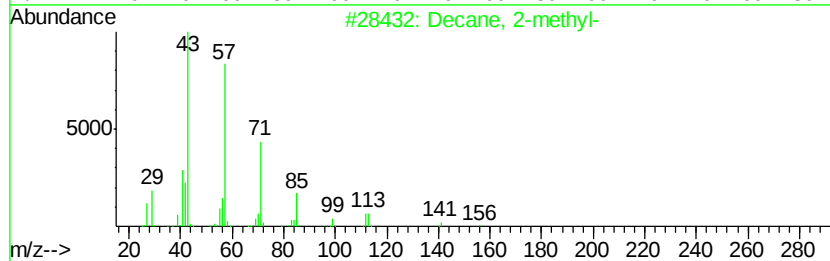
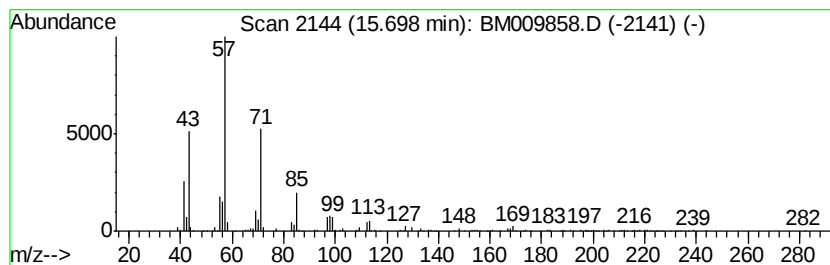
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Quant Title : SVOA CALIBRATION

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

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	8.21 ng/ul	714744	Acenaphthene-d10	14.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	53
2			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	52
3			Undecane, 5-ethyl-	184	C13H28	017453-94-0	50
4			Eicosane, 2-methyl-	296	C21H44	001560-84-5	50
5			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSW5DL

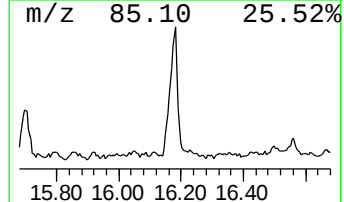
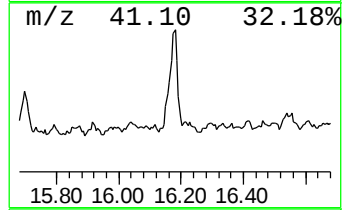
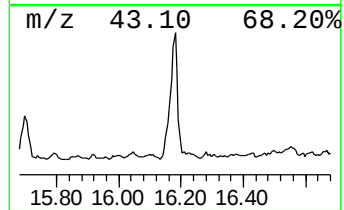
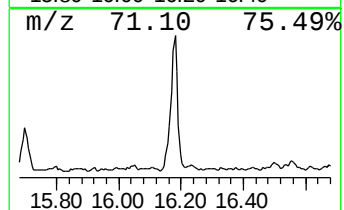
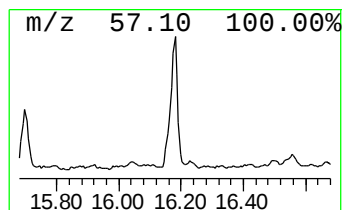
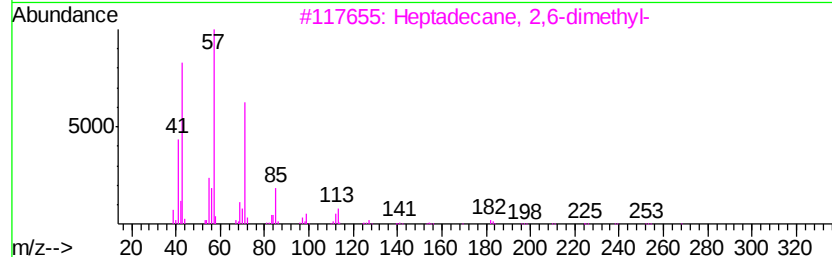
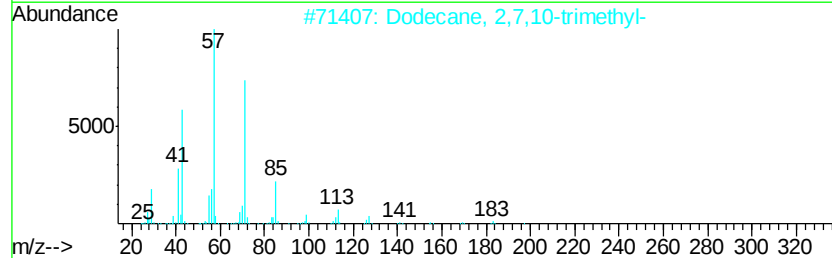
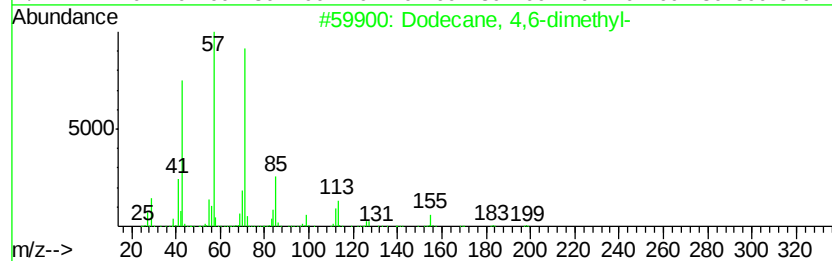
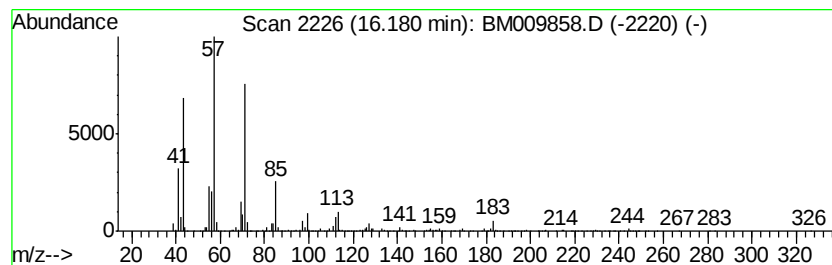
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Quant Title : SVOA CALIBRATION

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	22.15 ng/ul	2468900	Phenanthrene-d10	17.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	91
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	90
4		Decane, 2-methyl-	156	C11H24	006975-98-0	87
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId :
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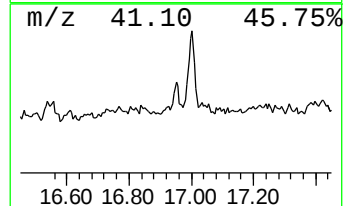
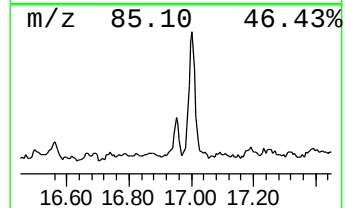
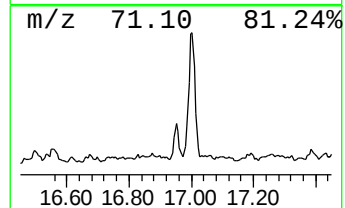
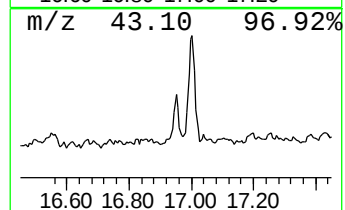
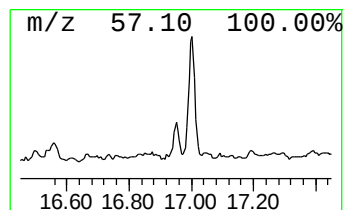
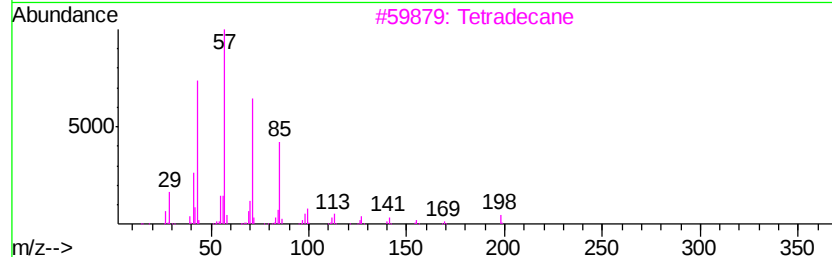
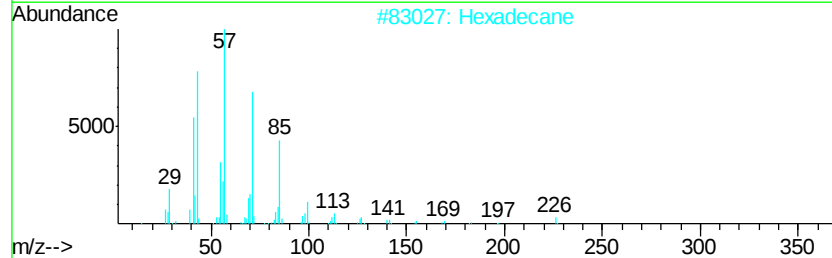
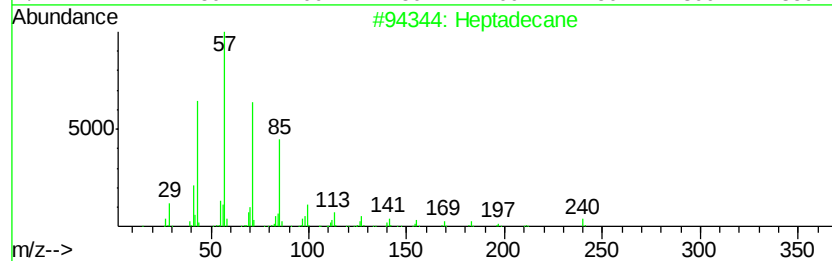
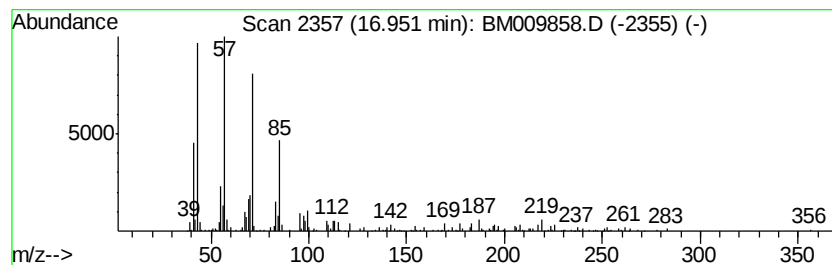
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Quant Title : SVOA CALIBRATION

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

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	2.07 ng/ul	230436	Phenanthrene-d10	17.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	80
2			Hexadecane	226	C16H34	000544-76-3	80
3			Tetradecane	198	C14H30	000629-59-4	80
4			Tridecane	184	C13H28	000629-50-5	72
5			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSW5DL

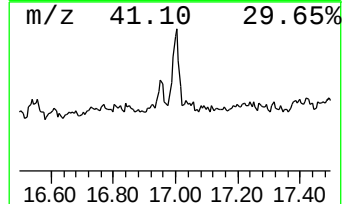
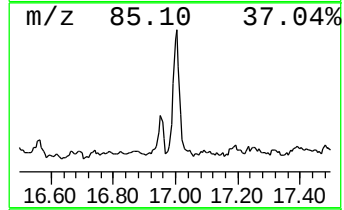
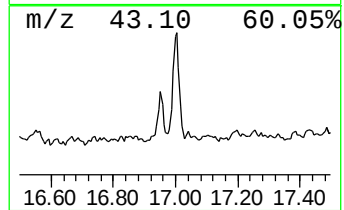
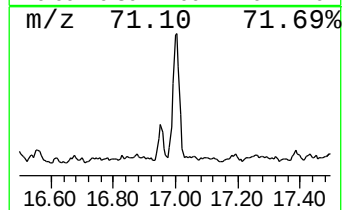
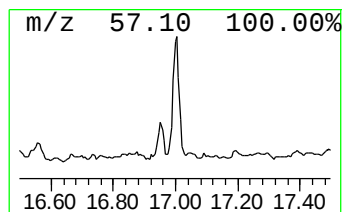
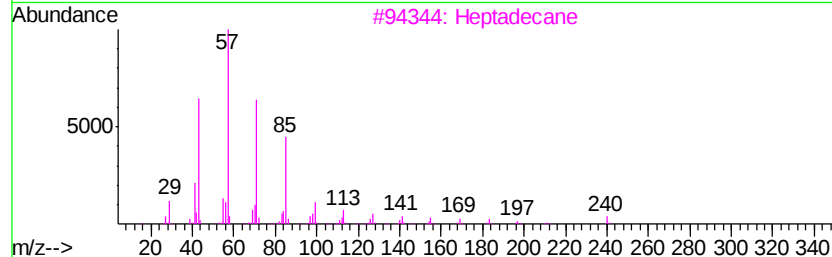
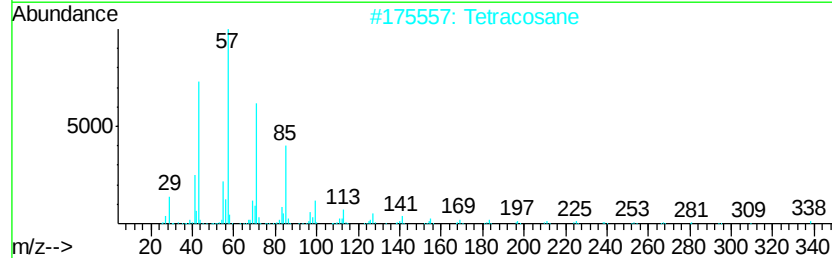
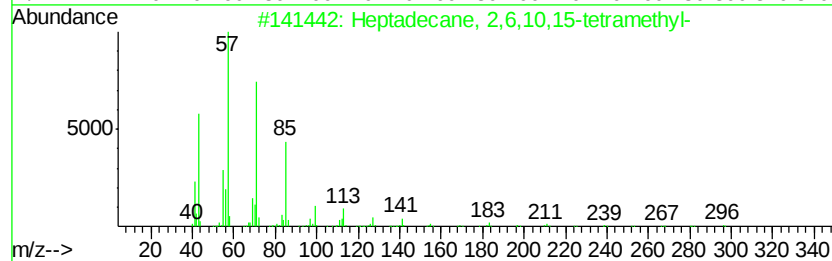
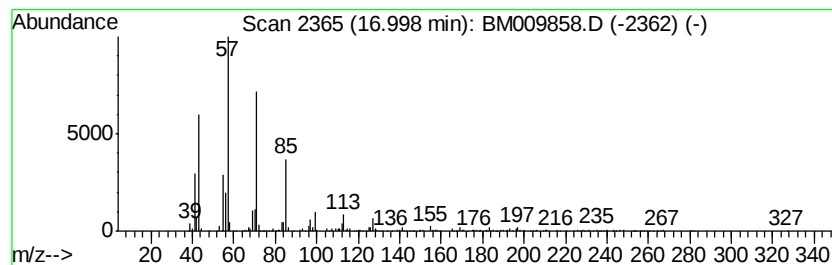
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.00	12.48 ng/ul	1390780	Phenanthrene-d10	17.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2		Tetracosane	338	C24H50	000646-31-1	90
3		Heptadecane	240	C17H36	000629-78-7	86
4		Decane, 5-propyl-	184	C13H28	017312-62-8	83
5		Heptadecane	240	C17H36	000629-78-7	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
 Data File : BM009858.D
 Acq On : 02 May 2017 07:52
 Operator : SJ/MA
 Sample : I2849-12DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSW5DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.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
unknown-01	5.42	4.9	ng/ul	167205	1	7.82	681160	20.0
Cyclohexane, 1-me...	7.93	5.5	ng/ul	186855	1	7.82	681160	20.0
(DEL) Alkane: Str...	8.32	5.5	ng/ul	186461	1	7.82	681160	20.0
unknown-02	8.35	8.9	ng/ul	302479	1	7.82	681160	20.0
Benzene, 2-ethyl-...	8.45	7.4	ng/ul	252082	1	7.82	681160	20.0
Naphthalene, deca...	8.63	8.4	ng/ul	285412	1	7.82	681160	20.0
Cyclohexene, 1,2-...	8.77	6.1	ng/ul	207665	1	7.82	681160	20.0
Benzene, 1-ethyl-...	8.90	21.9	ng/ul	744899	1	7.82	681160	20.0
Sulfurous acid, c...	9.10	4.9	ng/ul	165429	1	7.82	681160	20.0
unknown-03	9.25	3.3	ng/ul	233867	2	10.62	1422420	20.0
cis-Decalin, 2-sy...	9.33	3.7	ng/ul	266129	2	10.62	1422420	20.0
(DEL) Alkane: Str...	9.43	2.7	ng/ul	191791	2	10.62	1422420	20.0
Naphthalene, deca...	9.52	16.3	ng/ul	1160750	2	10.62	1422420	20.0
(DEL) Alkane: Str...	9.65	3.7	ng/ul	265962	2	10.62	1422420	20.0
Benzene, (1-methy...	10.01	2.3	ng/ul	164133	2	10.62	1422420	20.0
(DEL) Alkane: Cyc...	10.19	4.2	ng/ul	298245	2	10.62	1422420	20.0
cis,cis-1,6-Dimet...	10.38	5.5	ng/ul	387294	2	10.62	1422420	20.0
Cyclohexene,1-hexyl-	10.56	7.4	ng/ul	528136	2	10.62	1422420	20.0
unknown-04	11.02	3.2	ng/ul	226926	2	10.62	1422420	20.0
(DEL) Alkane: Cyc...	11.08	9.0	ng/ul	639904	2	10.62	1422420	20.0
unknown-05	11.17	2.4	ng/ul	167292	2	10.62	1422420	20.0
Naphthalene, deca...	11.29	8.5	ng/ul	602460	2	10.62	1422420	20.0
unknown-06	11.42	2.9	ng/ul	207837	2	10.62	1422420	20.0
unknown-07	11.51	5.4	ng/ul	381312	2	10.62	1422420	20.0
(DEL) Alkane: Str...	11.60	9.8	ng/ul	693103	2	10.62	1422420	20.0
unknown-08	11.65	4.3	ng/ul	302048	2	10.62	1422420	20.0
unknown-09	11.80	5.0	ng/ul	353648	2	10.62	1422420	20.0
(DEL) Alkane: Cyc...	11.87	8.0	ng/ul	570709	2	10.62	1422420	20.0
(DEL) Alkane: Str...	12.01	3.4	ng/ul	241916	2	10.62	1422420	20.0
Trisulfide, bis(1...	12.25	22.9	ng/ul	1629740	2	10.62	1422420	20.0
unknown-10	12.33	2.3	ng/ul	166298	2	10.62	1422420	20.0
(DEL) Alkane: Str...	12.97	12.5	ng/ul	1086430	3	14.47	1741240	20.0
(DEL) Alkane: Cyc...	14.28	6.6	ng/ul	578001	3	14.47	1741240	20.0
(DEL) Alkane: Str...	14.34	3.9	ng/ul	340339	3	14.47	1741240	20.0
(DEL) Alkane: Str...	15.29	3.4	ng/ul	295844	3	14.47	1741240	20.0
(DEL) Alkane: Str...	15.70	8.2	ng/ul	714744	3	14.47	1741240	20.0
(DEL) Alkane: Str...	16.18	22.1	ng/ul	2468900	4	17.23	2228760	20.0
(DEL) Alkane: Str...	16.95	2.1	ng/ul	230436	4	17.23	2228760	20.0
(DEL) Alkane: Str...	17.00	12.5	ng/ul	1390780	4	17.23	2228760	20.0