

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
 Data File : BM011577.D
 Acq On : 18 Sep 2017 20:00
 Operator : SJ/JU
 Sample : I5234-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH9

Integration Parameters: LSCINT.P

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

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

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

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.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	5.293	331	341	343	rBV2	70531980	153424231	46.83%	13.943%
2	6.651	566	572	581	rBV	236919	410650	0.13%	0.037%
3	6.951	616	623	636	rBV	218859	398703	0.12%	0.036%
4	7.122	647	652	660	rVB	409104	684125	0.21%	0.062%
5	7.304	676	683	695	rBV	1663493	2809417	0.86%	0.255%
6	7.504	710	717	734	rBV	1661984	2839169	0.87%	0.258%
7	7.698	742	750	763	rVB	564810	1050439	0.32%	0.095%
8	7.875	770	780	792	rBV	27569911	56226265	17.16%	5.110%
9	8.069	792	813	817	rBV5	73718601	327586707	100.00%	29.771%
10	8.386	850	867	872	rBV5	71619145	289688897	88.43%	26.327%
11	8.669	908	915	928	rBV	1217333	2062340	0.63%	0.187%
12	9.133	986	994	998	rBV	2081118	3658478	1.12%	0.332%
13	9.181	998	1002	1017	rVB	2655865	4258986	1.30%	0.387%
14	9.475	1044	1052	1065	rBV3	195914	434613	0.13%	0.039%
15	9.586	1065	1071	1081	rVB	421264	711746	0.22%	0.065%
16	9.857	1111	1117	1125	rBV	1631682	2722385	0.83%	0.247%
17	10.392	1201	1208	1222	rBV	2278164	4009505	1.22%	0.364%
18	10.657	1241	1253	1268	rBV2	61111185	124783039	38.09%	11.340%
19	10.786	1268	1275	1281	rVV	2282382	3815268	1.16%	0.347%
20	11.163	1330	1339	1352	rBV	6446701	10711151	3.27%	0.973%
21	11.374	1370	1375	1381	rVV	686998	1176836	0.36%	0.107%
22	11.592	1403	1412	1421	rBV	167627	347845	0.11%	0.032%
23	12.792	1606	1616	1625	rBV	3874487	6325631	1.93%	0.575%
24	13.404	1713	1720	1730	rBV2	7604301	11688288	3.57%	1.062%
25	13.616	1749	1756	1769	rVB	737136	1156947	0.35%	0.105%
26	14.004	1814	1822	1828	rBV	4568210	6503094	1.99%	0.591%
27	14.292	1864	1871	1878	rBV	5100489	7624545	2.33%	0.693%
28	14.598	1911	1923	1935	rBV2	3191989	5095626	1.56%	0.463%
29	14.786	1950	1955	1965	rBV	203747	415370	0.13%	0.038%
30	14.915	1971	1977	1983	rVB	307455	450972	0.14%	0.041%
31	15.586	2084	2091	2104	rBV	6450617	9640411	2.94%	0.876%
32	15.698	2104	2110	2121	rBV	2209625	3044260	0.93%	0.277%
33	17.339	2383	2389	2398	rBV2	4123955	5760687	1.76%	0.524%
34	17.439	2399	2406	2420	rBV	7578629	10532603	3.22%	0.957%

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35	19.721	2788	2794	2804	rBV	9085829	12322779	3.76%	1.120%
36	21.503	3091	3097	3104	rBV	5133545	6575501	2.01%	0.598%
37	23.109	3367	3370	3375	rVB	239645	344427	0.11%	0.031%
38	23.721	3466	3474	3489	rBV2	5815758	11698634	3.57%	1.063%
39	23.874	3493	3500	3514	rVB	2999500	5842734	1.78%	0.531%
40	24.409	3587	3591	3598	rVB	382532	715018	0.22%	0.065%
41	25.215	3724	3728	3737	rVB	387986	820972	0.25%	0.075%

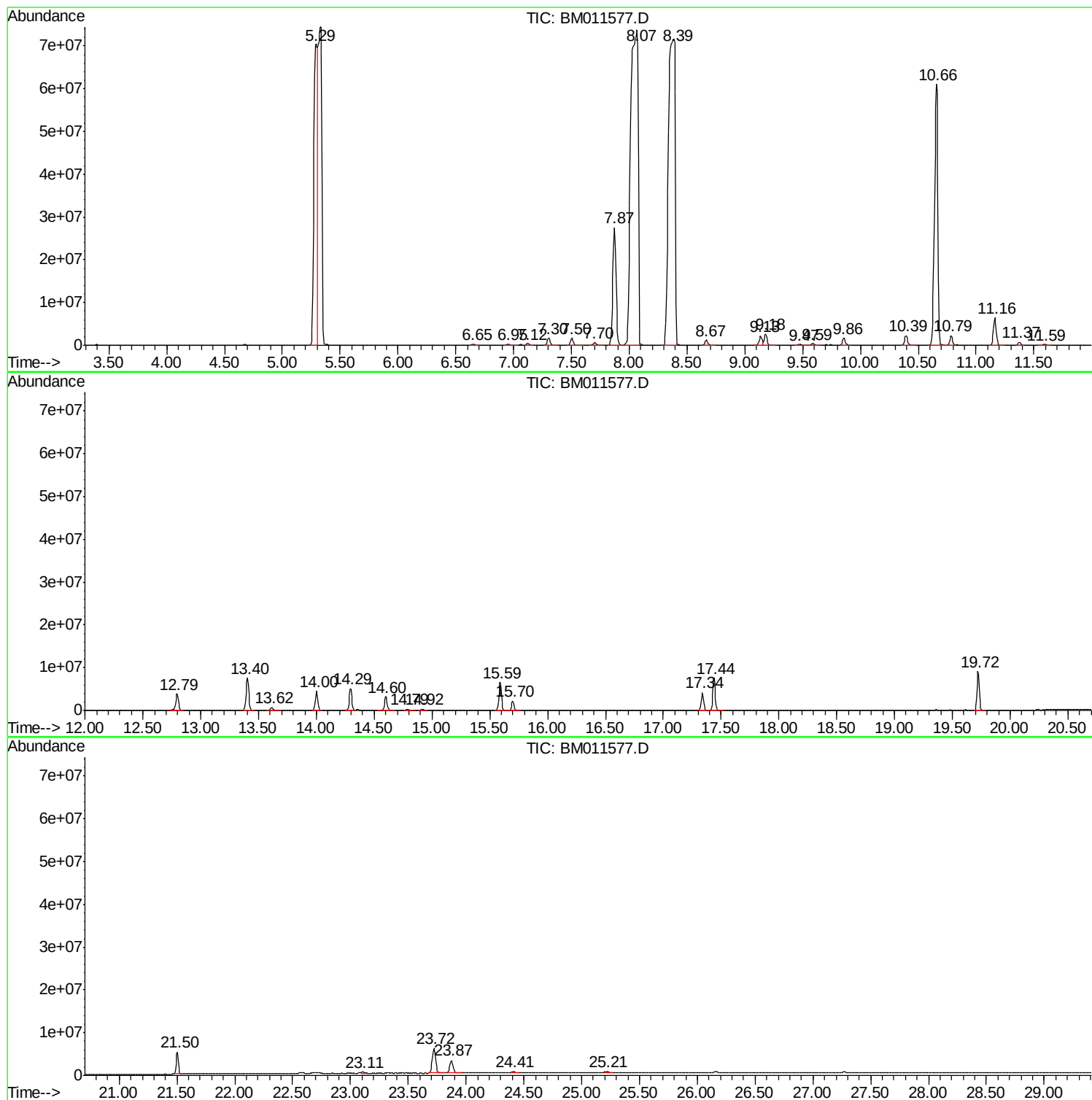
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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



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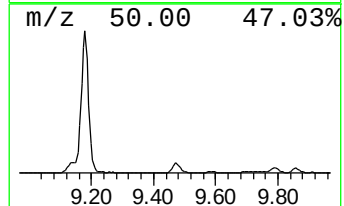
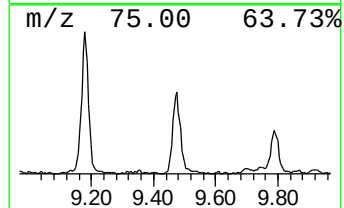
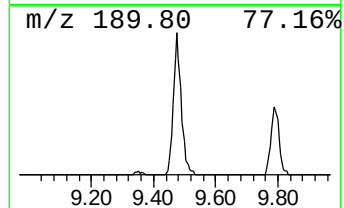
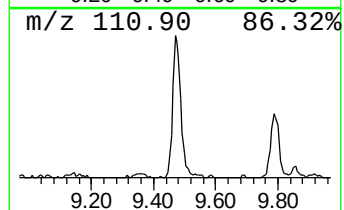
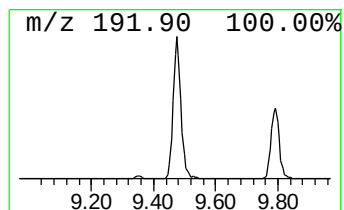
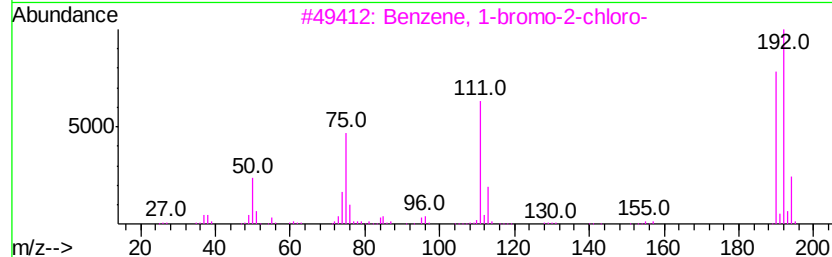
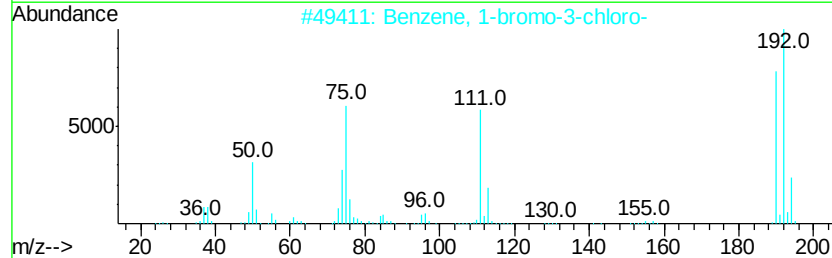
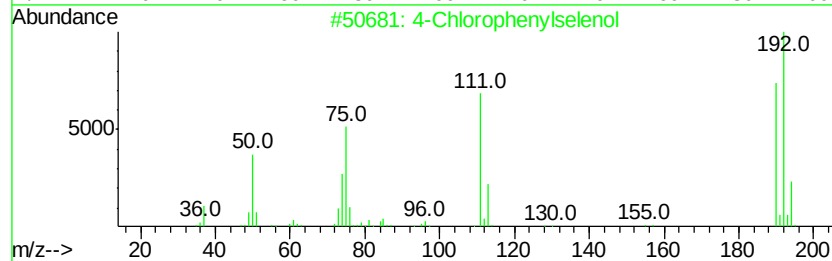
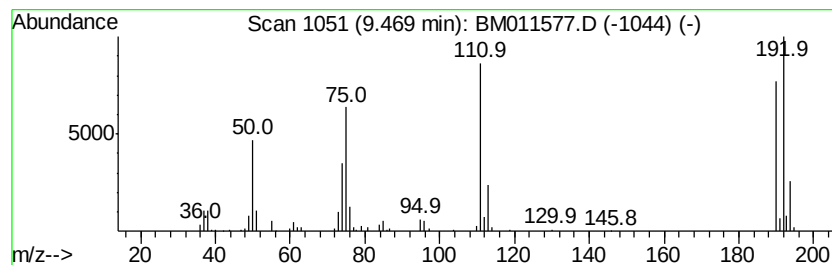
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 4-Chlorophenylselenol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	2.28 ng/ul	434613	Napthalene-d8	10.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	99
2		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98
3		Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	95
4		Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	94
5		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	94



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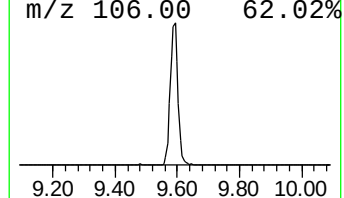
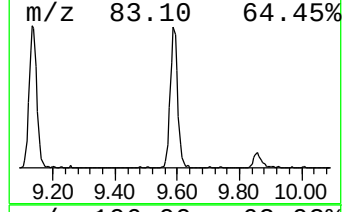
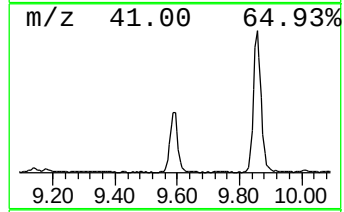
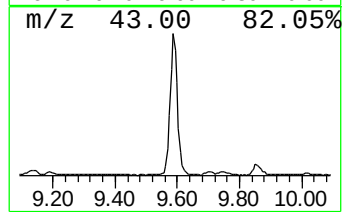
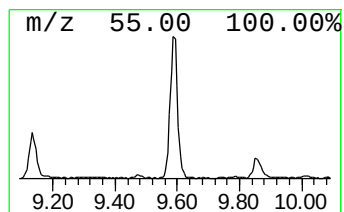
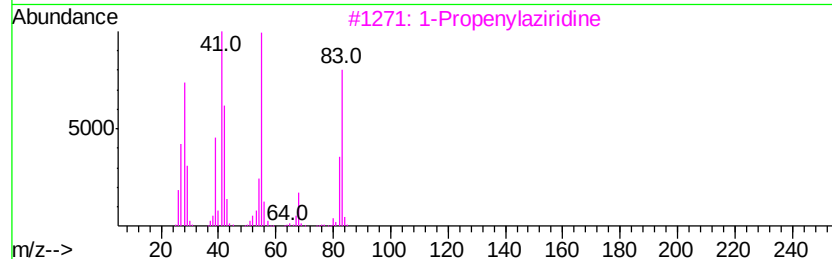
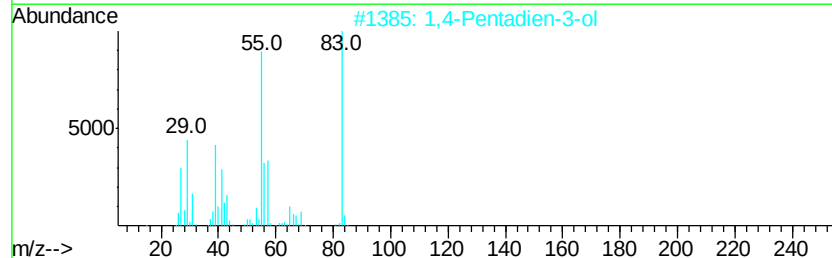
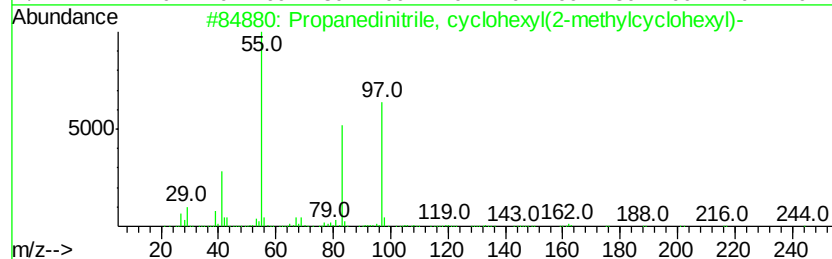
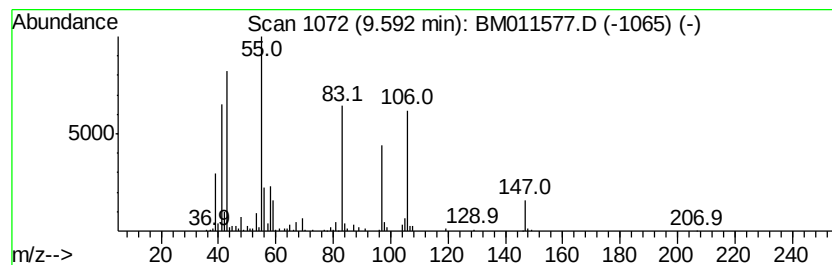
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	3.73 ng/ul	711746	Napthalene-d8	10.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanedinitrile, cvclohexvl(2-m...	244	C16H24N2	074764-55-9	38
2		1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	18
3		1-Propenylaziridine	83	C5H9N	1000192-51-0	18
4		3-Hepten-2-one	112	C7H12O	001119-44-4	14
5		2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	14



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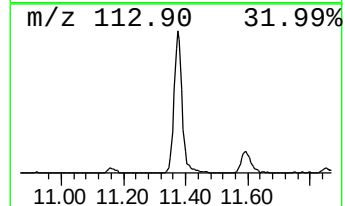
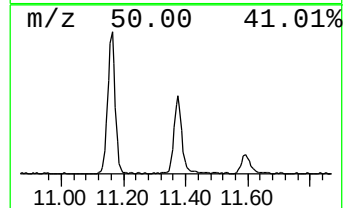
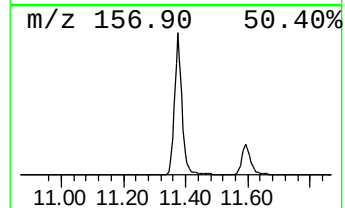
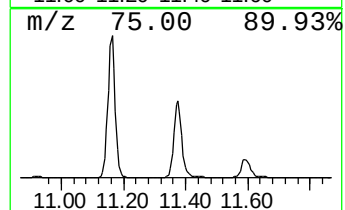
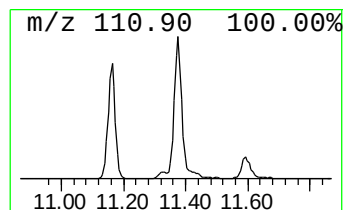
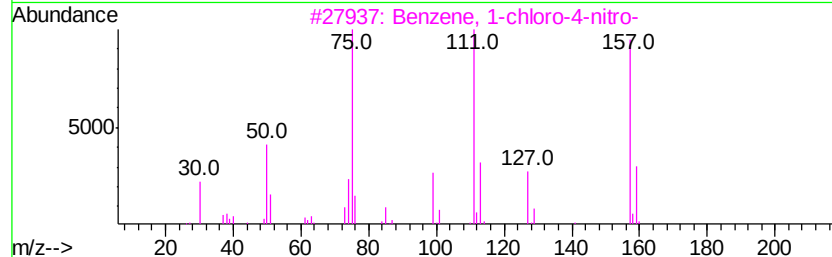
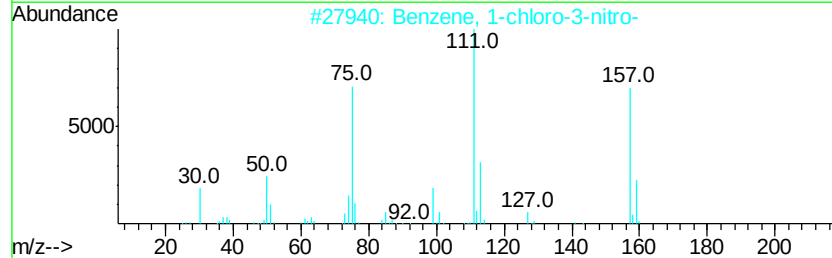
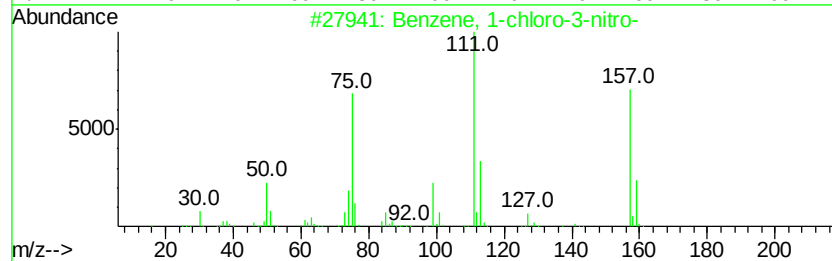
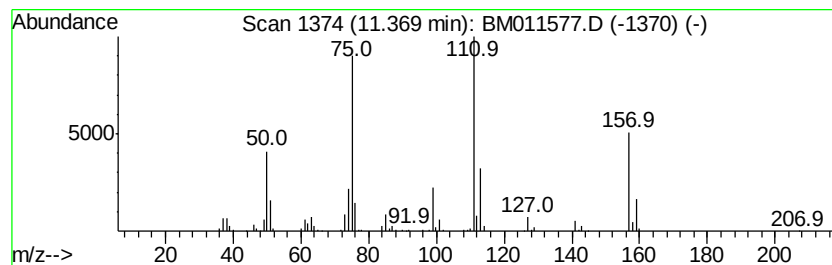
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1-chloro-3-nitro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	6.17 ng/ul	1176840	Naphthalene-d8	10.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
2		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	95
3		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
4		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	89
5		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	64



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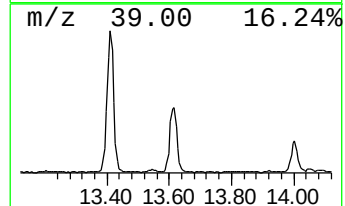
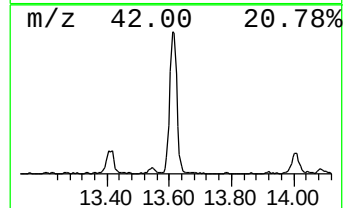
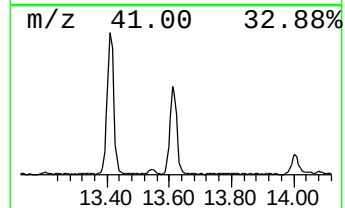
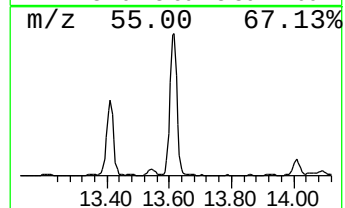
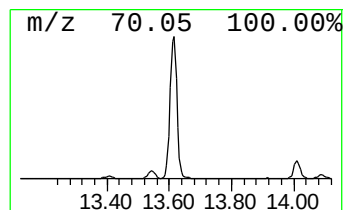
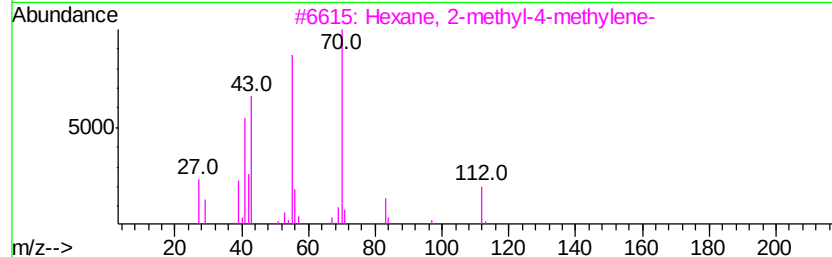
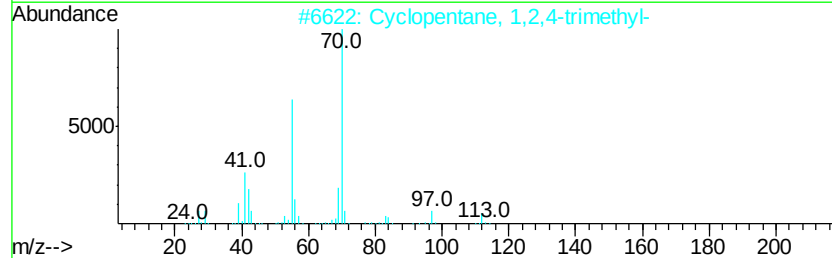
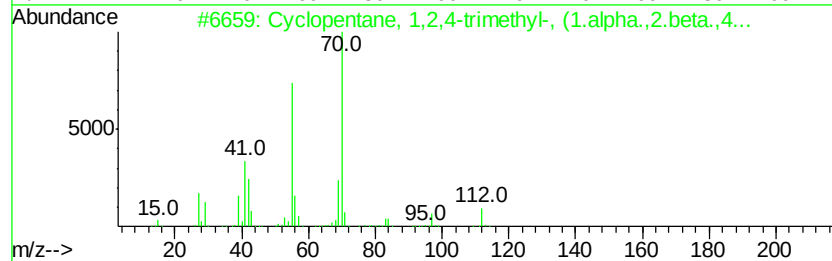
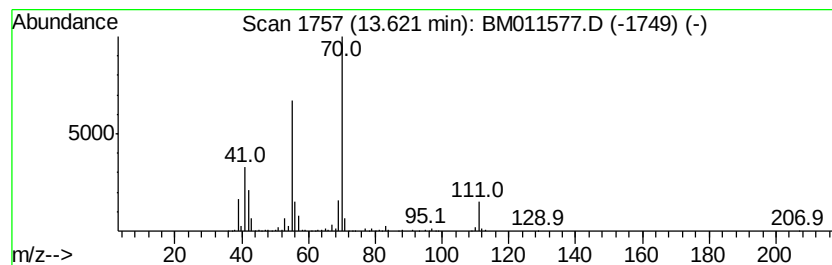
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Peak Number 10 (DEL) Alkane: Cyclic13.62 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.62	4.54 ng/ul	1156950	Acenaphthene-d10	14.60	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	64
2	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	64
3	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	64
4	Nonane, 3-methylene-	140	C10H20	051655-64-2	64
5	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	59



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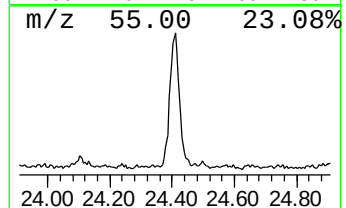
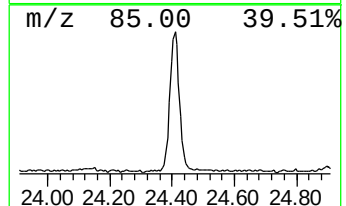
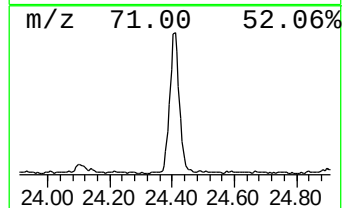
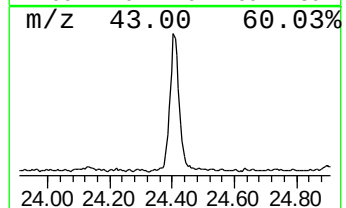
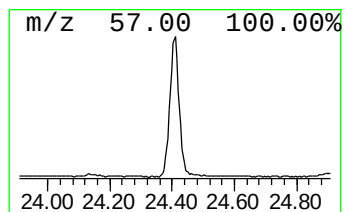
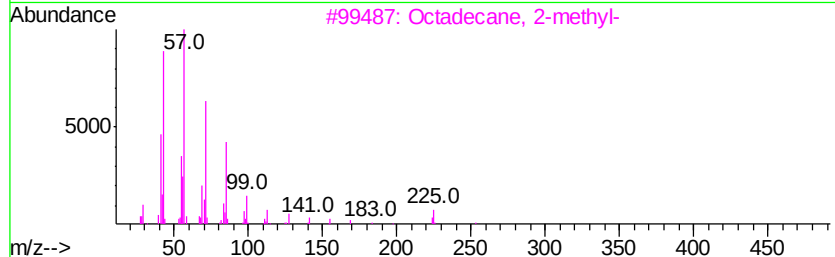
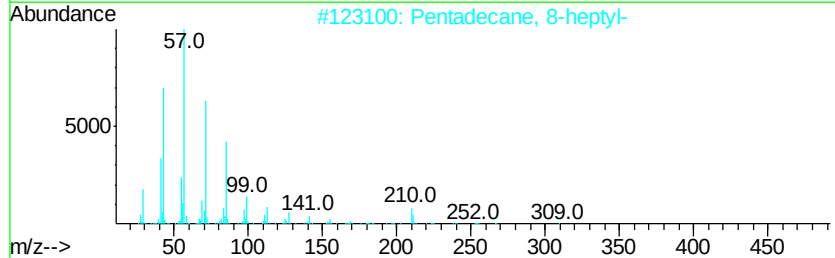
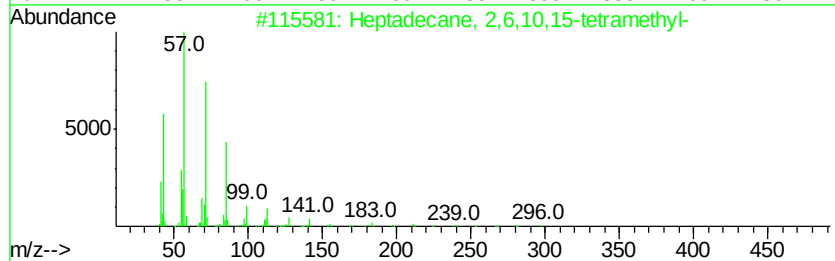
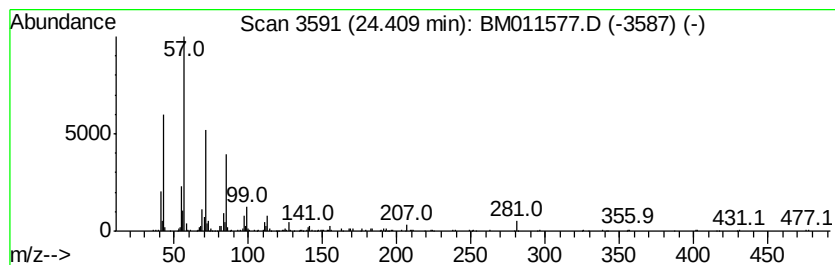
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Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.41	2.45 ng/ul	715018	Perylene-d12	23.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	89
2			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	83
3			Octadecane, 2-methyl-	268	C19H40	001560-88-9	80
4			Tetracosane	338	C24H50	000646-31-1	80
5			Undecane, 5-methyl-	170	C12H26	001632-70-8	72



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Data File : BM011577.D
Acq On : 18 Sep 2017 20:00
Operator : SJ/JU
Sample : I5234-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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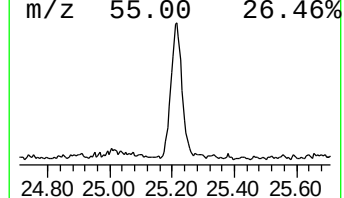
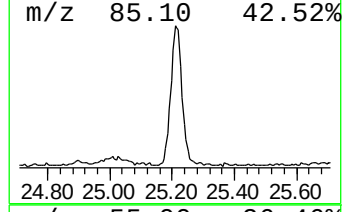
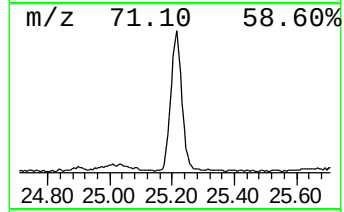
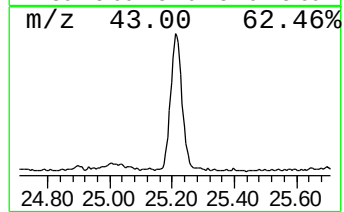
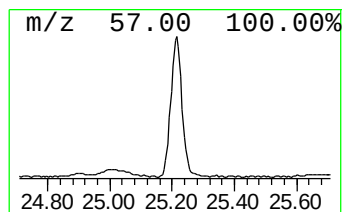
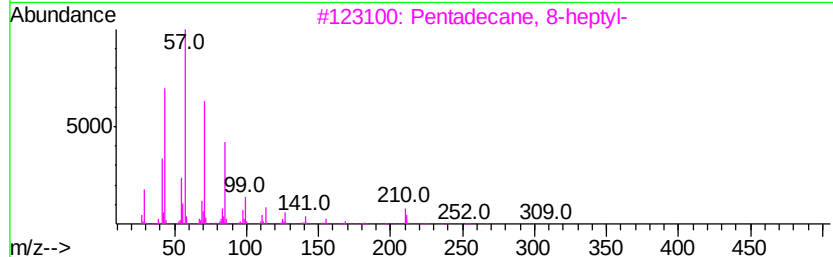
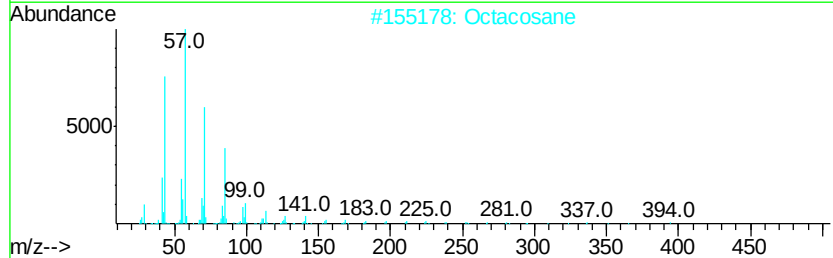
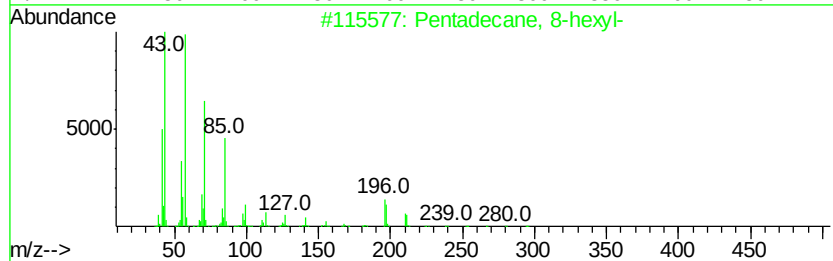
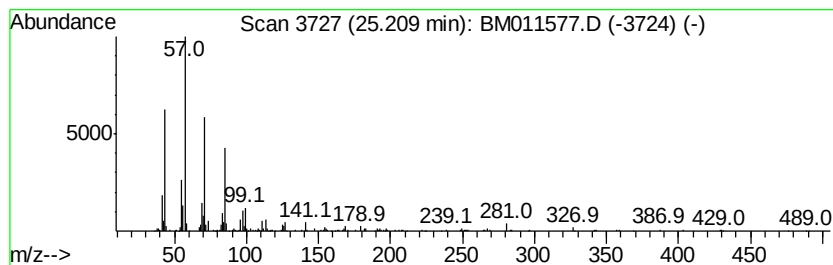
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.21	2.81 ng/ul	820972	Perylene-d12	23.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2			Octacosane	394	C28H58	000630-02-4	90
3			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
4			Tetracosane	338	C24H50	000646-31-1	83
5			Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091817\
Data File : BM011577.D
Acq On : 18 Sep 2017 20:00
Operator : SJ/JU
Sample : I5234-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
4-Chlorophenylsel...	9.47	2.3	ng/ul	434613	2	10.79	3815270	20.0
unknown-01	9.59	3.7	ng/ul	711746	2	10.79	3815270	20.0
Benzene, 1-chloro...	11.37	6.2	ng/ul	1176840	2	10.79	3815270	20.0
(DEL) Alkane: Cyc...	13.62	4.5	ng/ul	1156950	3	14.60	5095630	20.0
(DEL) Alkane: Str...	24.41	2.5	ng/ul	715018	6	23.87	5842730	20.0
(DEL) Alkane: Str...	25.21	2.8	ng/ul	820972	6	23.87	5842730	20.0