

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
 Data File : BM011614.D
 Acq On : 19 Sep 2017 21:03
 Operator : SJ/JU
 Sample : I5271-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH5

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	5.287	331	340	342	rBV4	68902417	136848067	30.86%	8.481%
2	6.651	565	572	582	rBV	329828	572620	0.13%	0.035%
3	7.122	647	652	668	rVB2	396886	803718	0.18%	0.050%
4	7.304	675	683	694	rBV	1253127	2349165	0.53%	0.146%
5	7.504	709	717	729	rBV	1324524	2474177	0.56%	0.153%
6	7.875	769	780	792	rBV2	42449139	106950453	24.12%	6.628%
7	8.075	792	814	819	rBV4	73818731	367415525	82.86%	22.769%
8	8.422	850	873	878	rBV4	76514221	443405818	100.00%	27.478%
9	8.669	908	915	928	rVB	1103458	1856775	0.42%	0.115%
10	9.133	987	994	999	rBV	1820292	3105903	0.70%	0.192%
11	9.469	1043	1051	1065	rBV	5046618	8687121	1.96%	0.538%
12	9.698	1084	1090	1094	rBV	763655	1292859	0.29%	0.080%
13	9.739	1094	1097	1100	rVV	691994	1209258	0.27%	0.075%
14	9.786	1100	1105	1111	rVV	2838005	5126075	1.16%	0.318%
15	9.857	1111	1117	1123	rVV	1407174	2477174	0.56%	0.154%
16	9.916	1123	1127	1139	rVB	275138	498309	0.11%	0.031%
17	10.157	1161	1168	1180	rVB	246441	492909	0.11%	0.031%
18	10.392	1201	1208	1227	rBV	1847140	3618639	0.82%	0.224%
19	10.698	1241	1260	1264	rBV4	72566410	303175687	68.37%	18.788%
20	10.798	1271	1277	1282	rBV	2700554	3986499	0.90%	0.247%
21	11.180	1330	1342	1359	rBV	51394243	103508807	23.34%	6.414%
22	11.374	1368	1375	1384	rBV	299904	530499	0.12%	0.033%
23	12.792	1611	1616	1624	rVB	5090160	8276325	1.87%	0.513%
24	13.404	1712	1720	1736	rBV	13782407	21737755	4.90%	1.347%
25	13.998	1812	1821	1826	rBV	4095676	5872930	1.32%	0.364%
26	14.045	1826	1829	1837	rVB	563060	807295	0.18%	0.050%
27	14.292	1864	1871	1882	rBV	4306928	6281394	1.42%	0.389%
28	14.598	1916	1923	1940	rVB2	3544318	5332542	1.20%	0.330%
29	14.780	1940	1954	1967	rBV	234391	559332	0.13%	0.035%
30	14.910	1970	1976	1984	rVB	818281	1222443	0.28%	0.076%
31	15.586	2084	2091	2098	rBV	5834599	8287674	1.87%	0.514%
32	15.698	2103	2110	2123	rVB	1890137	2731450	0.62%	0.169%
33	17.339	2381	2389	2395	rBV	4314310	6295875	1.42%	0.390%
34	17.433	2399	2405	2423	rVB	6441957	9275966	2.09%	0.575%

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Integration Parameters: LSCINT.P

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Title : SVOA CALIBRATION

35	18.203	2531	2536	2547	rBV	574194	930089	0.21%	0.058%
36	19.480	2748	2753	2761	rBV	481100	709923	0.16%	0.044%
37	19.721	2788	2794	2806	rVV	8650985	10982650	2.48%	0.681%
38	21.191	3039	3044	3050	rBV	465307	671905	0.15%	0.042%
39	21.503	3091	3097	3103	rBV	5471159	7165480	1.62%	0.444%
40	23.721	3467	3474	3490	rVB2	4960368	9963705	2.25%	0.617%
41	23.874	3493	3500	3511	rVB	3180199	6179359	1.39%	0.383%

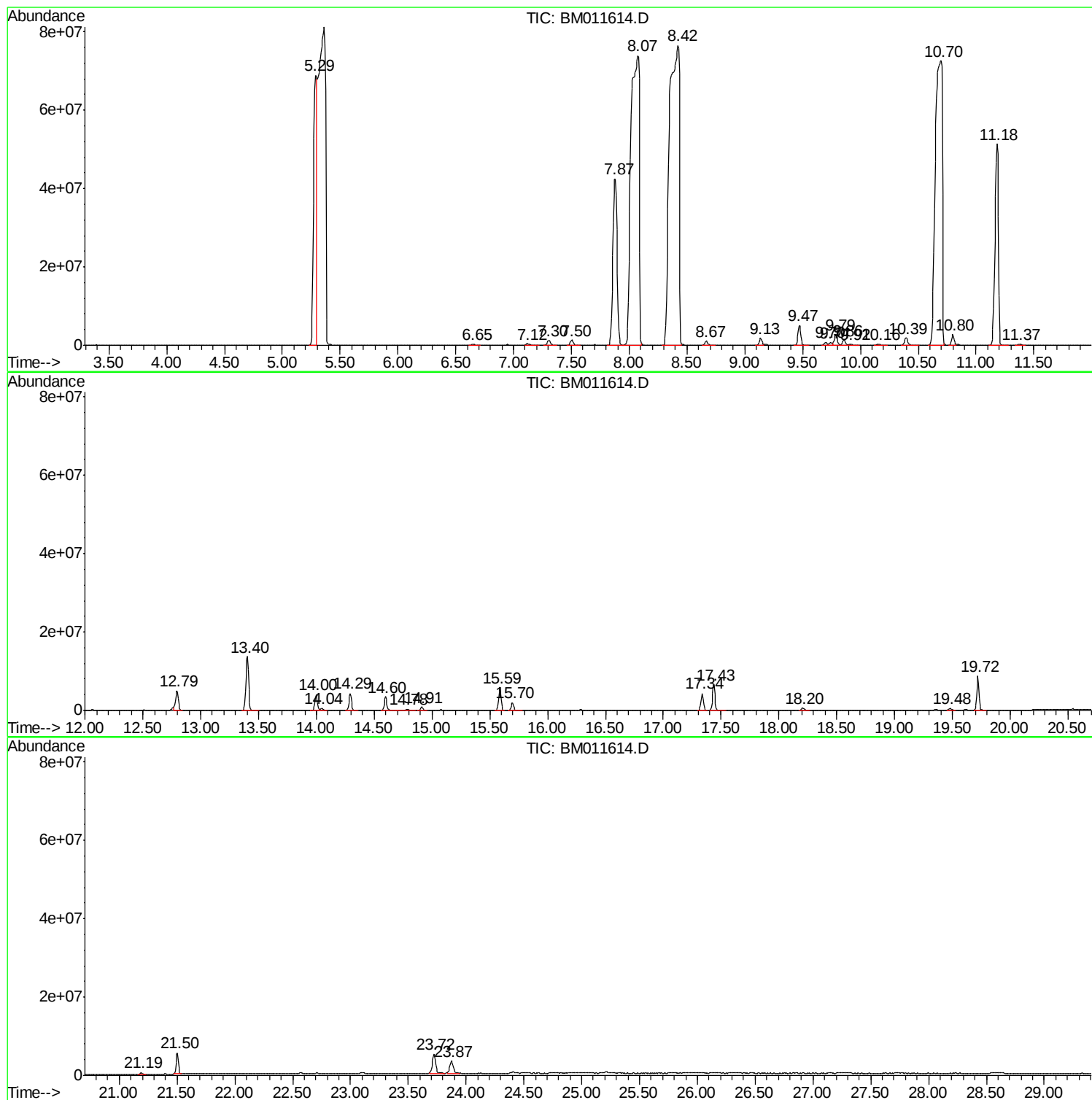
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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



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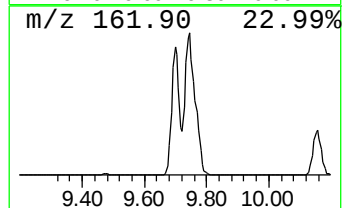
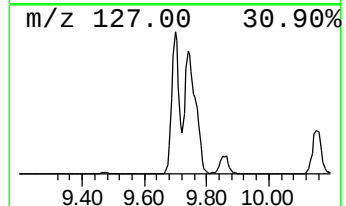
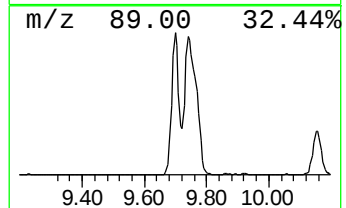
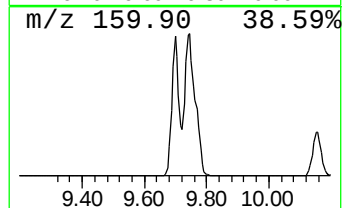
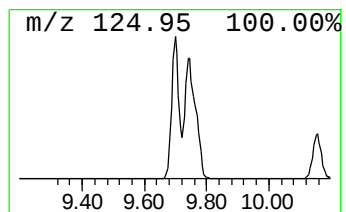
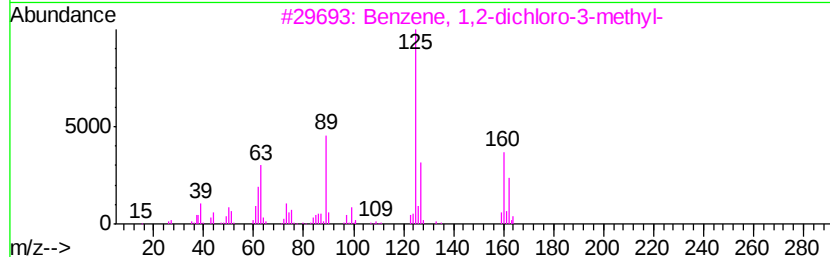
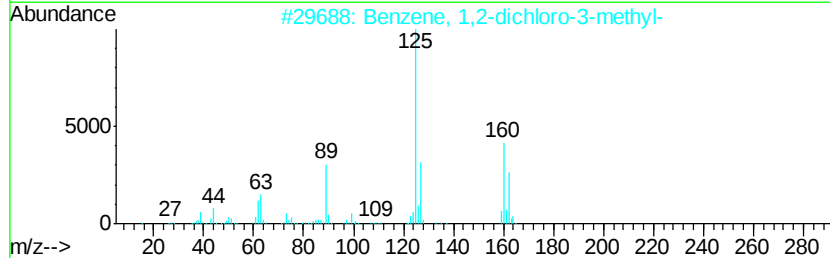
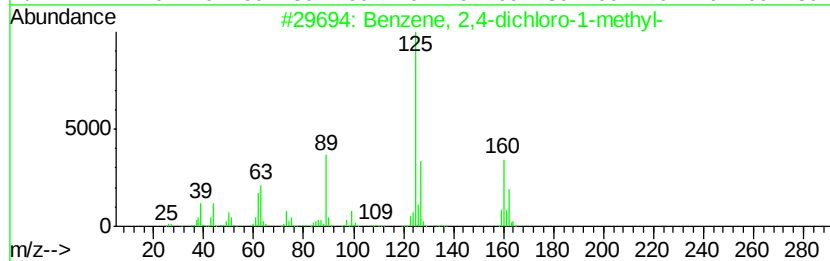
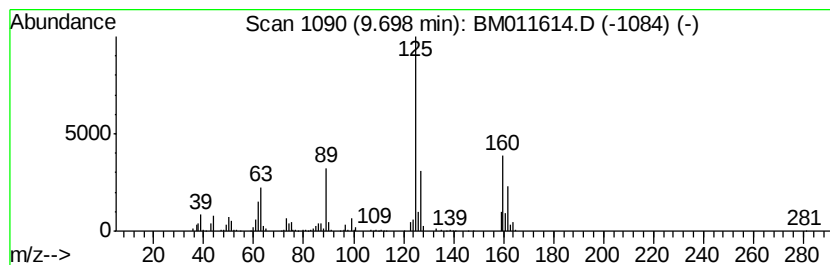
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 2,4-dichloro-1-met... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	6.49 ng/ul	1292860	Napthalene-d8	10.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-dichloro-1-methyl-	160	C7H6Cl2	000095-73-8	98
2		Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	96
3		Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	96
4		Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	96
5		Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	96



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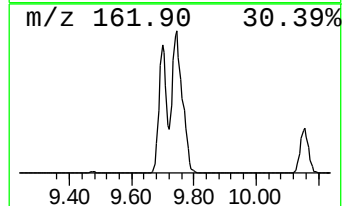
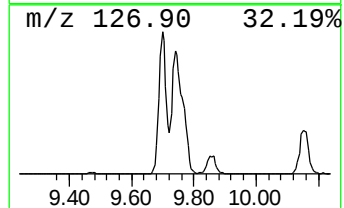
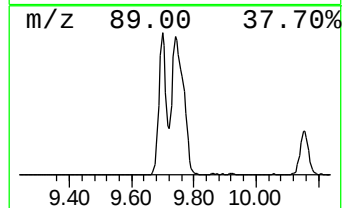
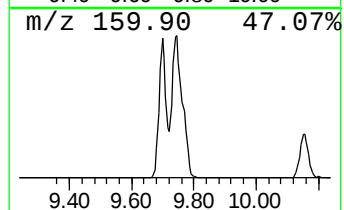
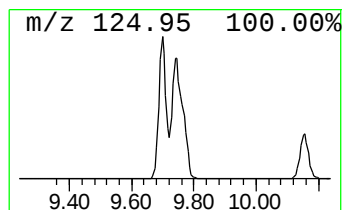
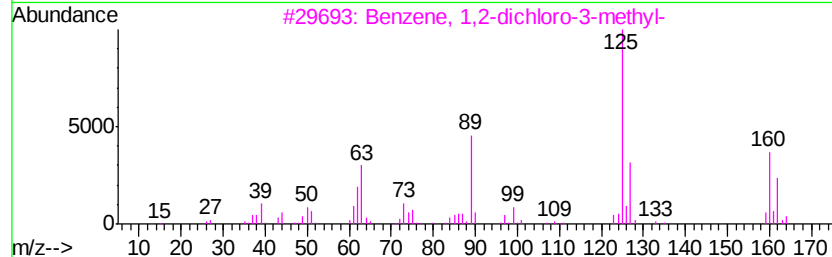
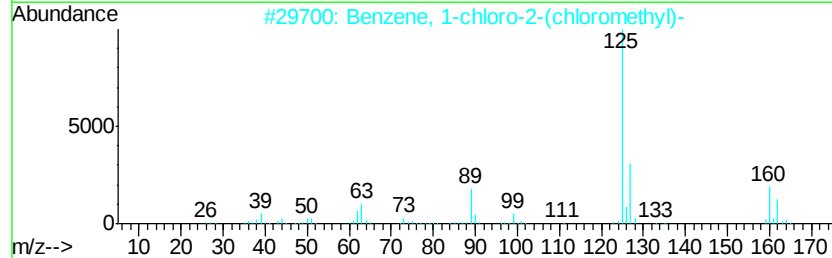
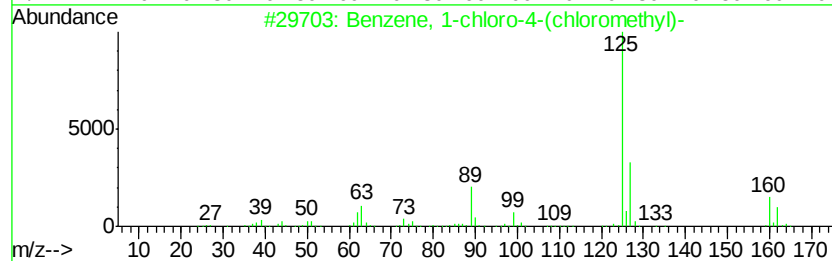
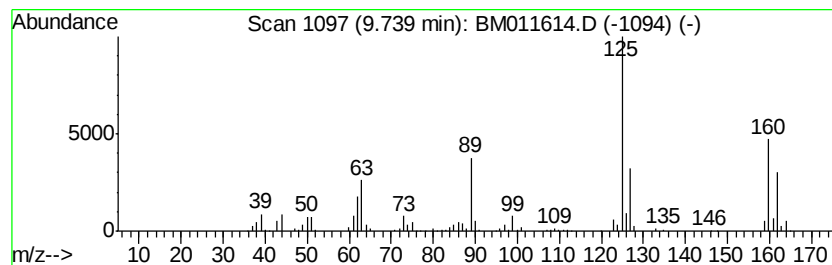
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Peak Number 7 Benzene, 1-chloro-4-(chloro... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	6.07 ng/ul	1209260	Naphthalene-d8	10.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-4-(chloromethyl)-	160	C7H6Cl2	000104-83-6	97
2		Benzene, 1-chloro-2-(chloromethyl)-	160	C7H6Cl2	000611-19-8	97
3		Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	96
4		Benzene, 1,3-dichloro-5-methyl-	160	C7H6Cl2	025186-47-4	96
5		Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	95



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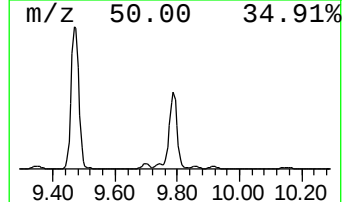
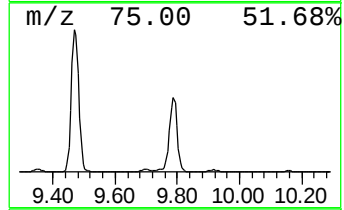
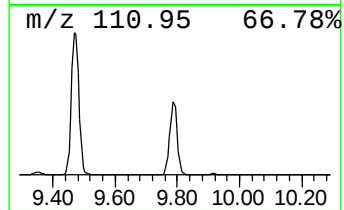
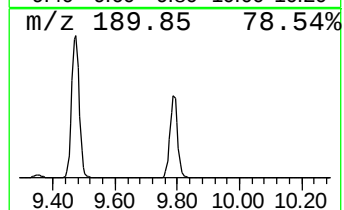
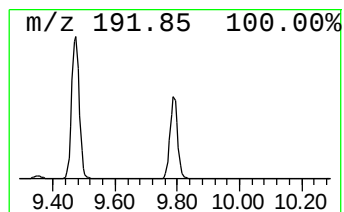
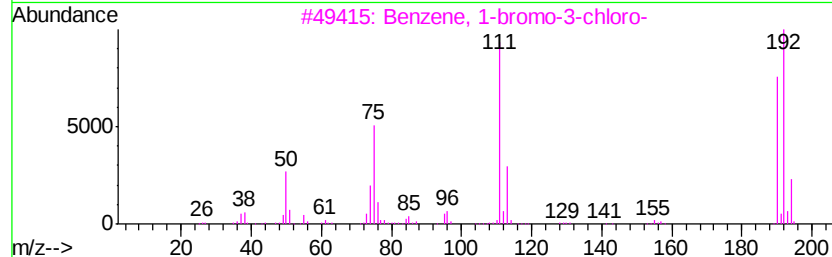
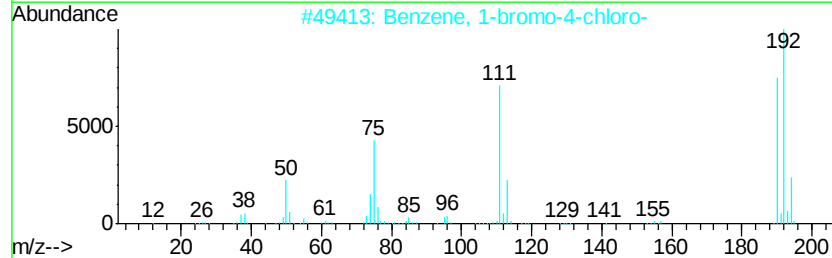
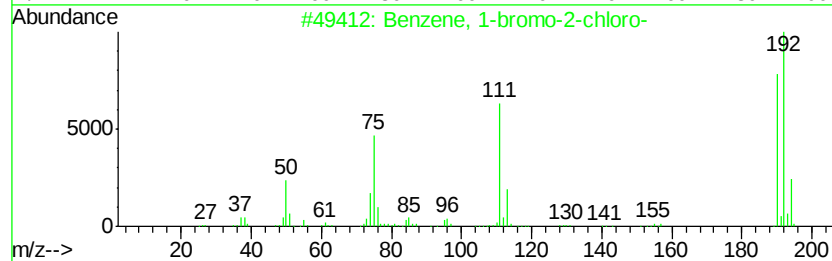
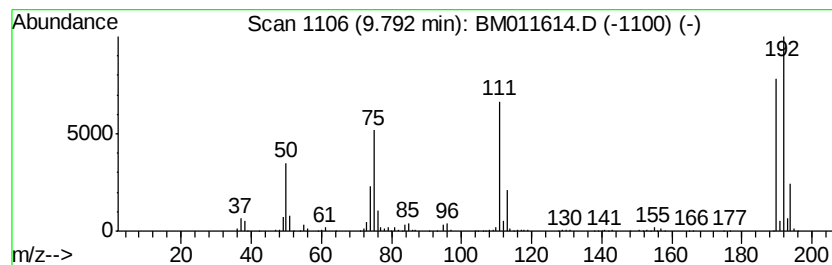
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1-bromo-2-chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	25.72 ng/ul	5126080	Napthalene-d8	10.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
2		Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	97
3		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	95
4		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	95
5		Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	95



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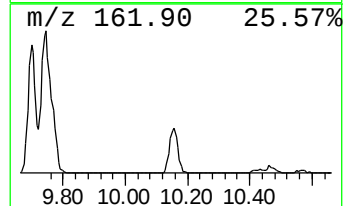
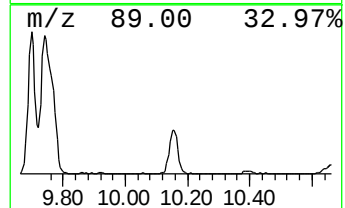
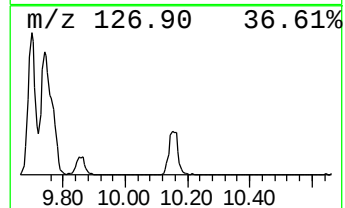
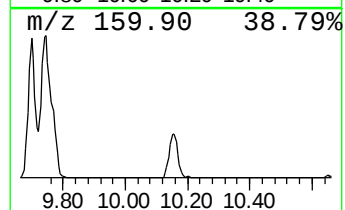
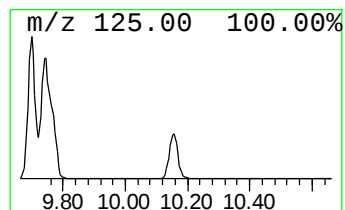
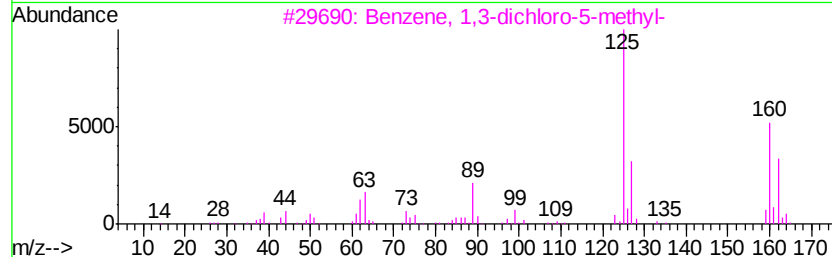
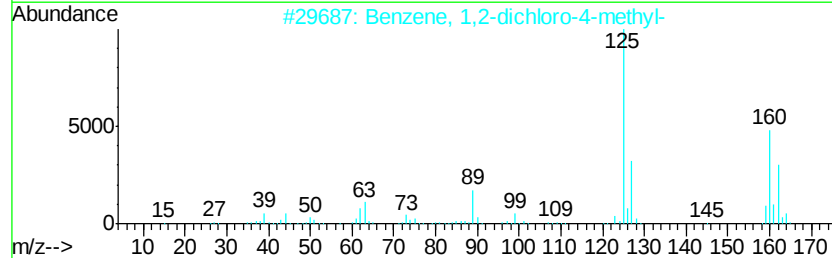
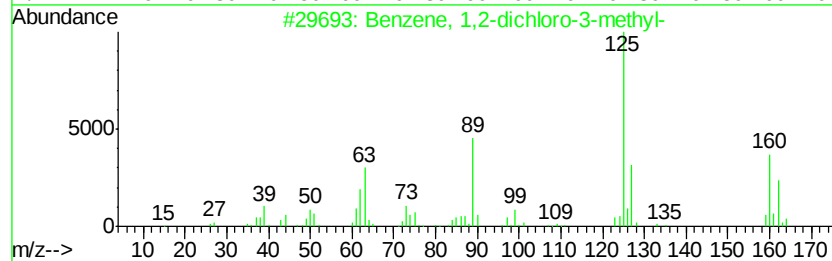
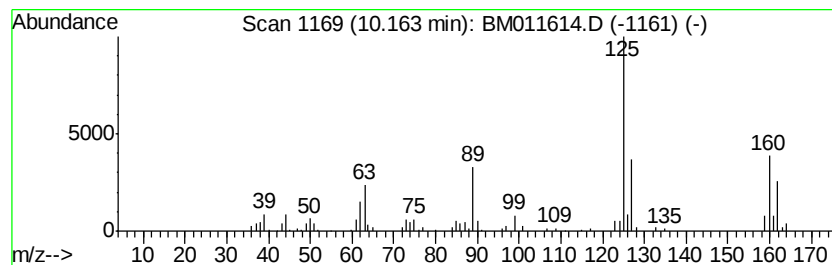
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Peak Number 10 Benzene, 1,2-dichloro-3-met... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	2.47 ng/ul	492909	Naphthalene-d8	10.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	97
2		Benzene, 1,2-dichloro-4-methyl-	160	C7H6Cl2	000095-75-0	97
3		Benzene, 1,3-dichloro-5-methyl-	160	C7H6Cl2	025186-47-4	96
4		Benzene, 1-chloro-4-(chloromethyl)-	160	C7H6Cl2	000104-83-6	96
5		Benzene, 1-chloro-2-(chloromethyl)-	160	C7H6Cl2	000611-19-8	96



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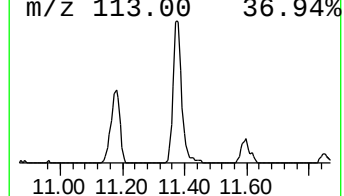
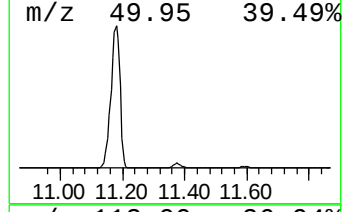
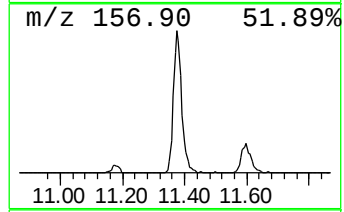
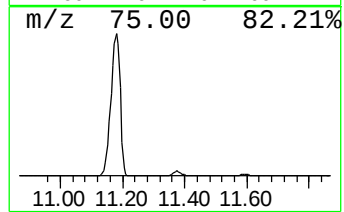
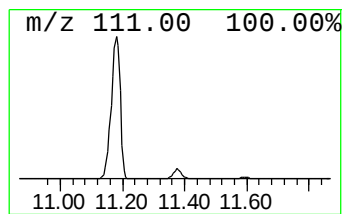
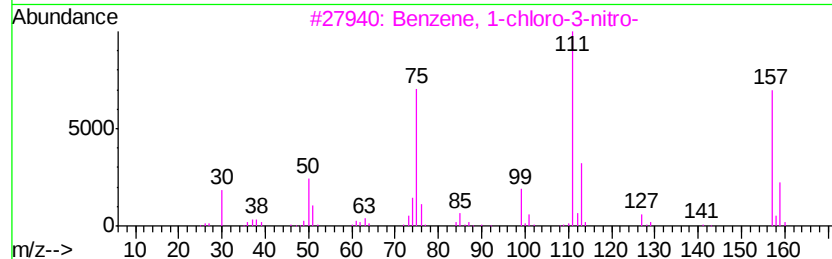
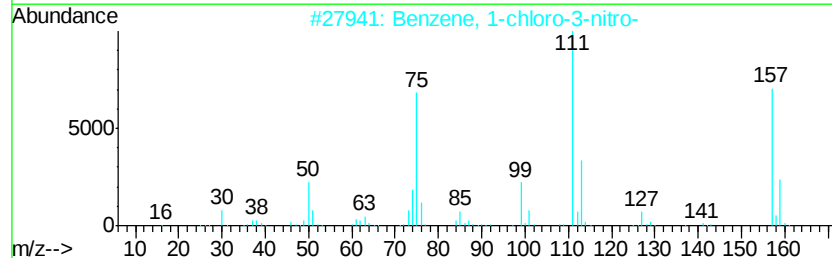
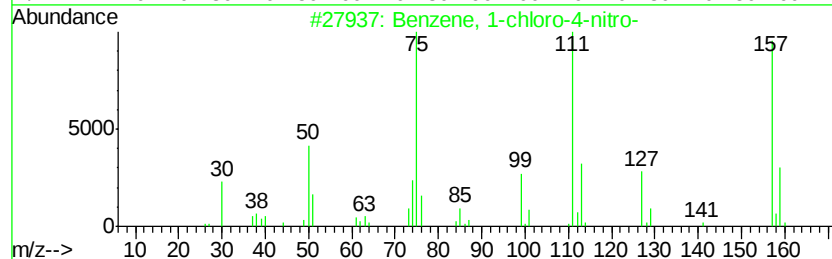
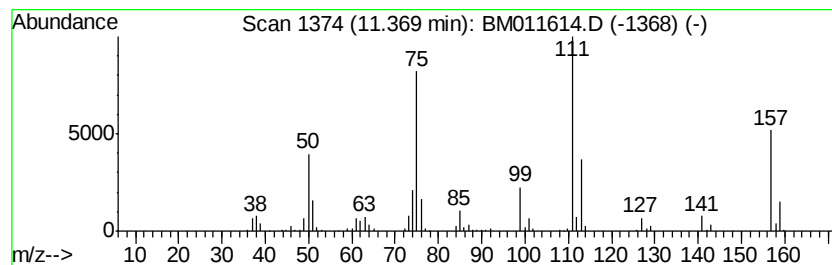
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Benzene, 1-chloro-4-nitro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	2.66 ng/ul	530499	Naphthalene-d8	10.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
2			Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	90
3			Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	86
4			Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	83
5			Benzene, 1-chloro-4-(methylsulfo...	190	C7H7ClO2S	000098-57-7	56



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
Data File : BM011614.D
Acq On : 19 Sep 2017 21:03
Operator : SJ/JU
Sample : I5271-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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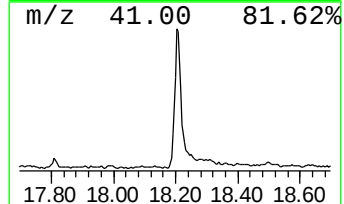
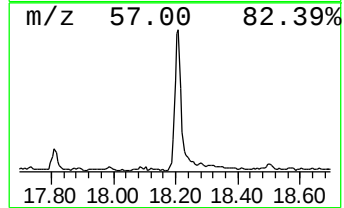
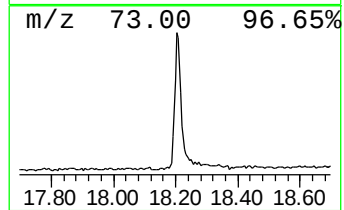
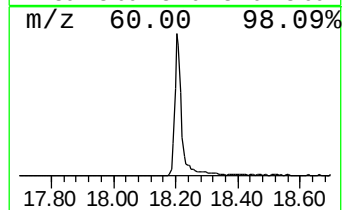
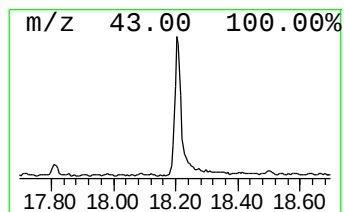
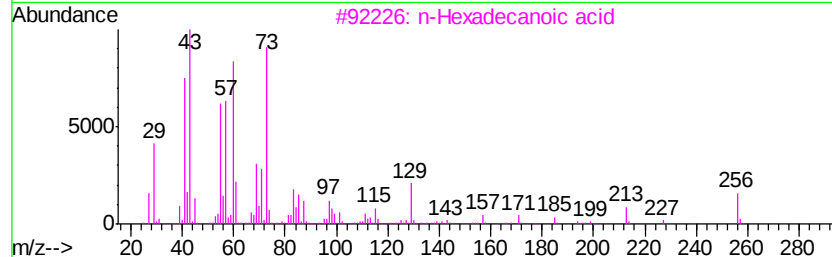
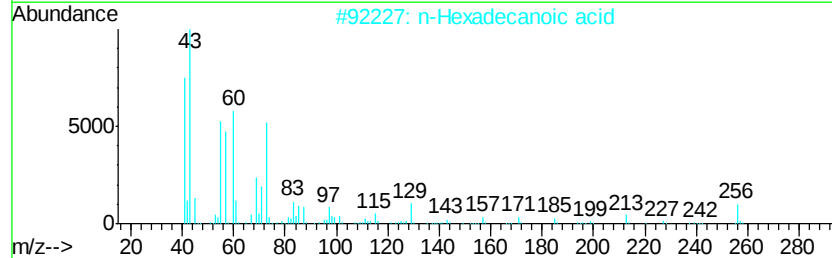
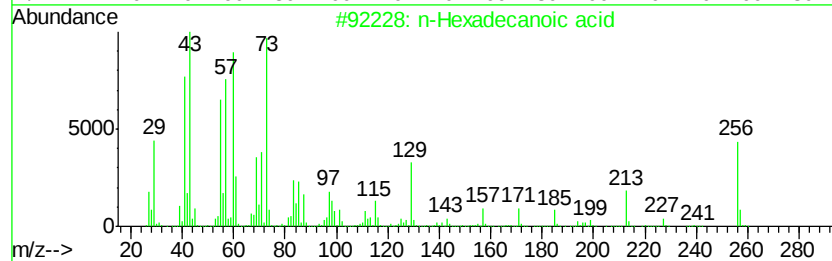
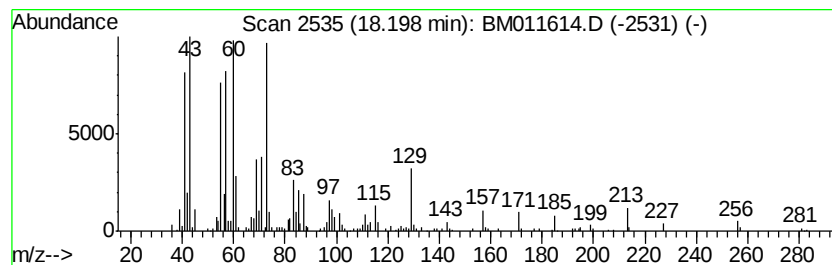
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	2.95 ng/ul	930089	Phenanthrene-d10	17.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
Data File : BM011614.D
Acq On : 19 Sep 2017 21:03
Operator : SJ/JU
Sample : I5271-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH5

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
Benzene, 2,4-dich...	9.70	6.5	ng/ul	1292860	2	10.80	3986500	20.0
Benzene, 1-chloro...	9.74	6.1	ng/ul	1209260	2	10.80	3986500	20.0
Benzene, 1-bromo...	9.79	25.7	ng/ul	5126080	2	10.80	3986500	20.0
Benzene, 1,2-dich...	10.16	2.5	ng/ul	492909	2	10.80	3986500	20.0
Benzene, 1-chloro...	11.37	2.7	ng/ul	530499	2	10.80	3986500	20.0
n-Hexadecanoic acid	18.20	3.0	ng/ul	930089	4	17.34	6295880	20.0