

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
 Data File : BM011620.D
 Acq On : 20 Sep 2017 00:41
 Operator : SJ/JU
 Sample : I5273-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ7

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	330	340	343	rBV4	68872483	163401240	85.71%	20.755%
2	6.651	566	572	581	rBV	175302	313447	0.16%	0.040%
3	7.116	646	651	663	rVB	467575	770195	0.40%	0.098%
4	7.298	674	682	693	rBV	1724057	2851781	1.50%	0.362%
5	7.498	709	716	730	rBV	1763778	2950790	1.55%	0.375%
6	7.869	769	779	790	rBV	33323312	62605741	32.84%	7.952%
7	8.040	790	808	809	rBV6	67965708	190635225	100.00%	24.214%
8	8.663	907	914	927	rBV	1307824	2186391	1.15%	0.278%
9	9.134	986	994	997	rBV	2250710	3763129	1.97%	0.478%
10	9.175	997	1001	1016	rVB	2718496	4420986	2.32%	0.562%
11	9.469	1043	1051	1058	rBV	910140	1538700	0.81%	0.195%
12	9.787	1099	1105	1110	rVV	446756	804607	0.42%	0.102%
13	9.851	1110	1116	1124	rVV	1788757	3196089	1.68%	0.406%
14	10.392	1200	1208	1222	rBV	2395433	4342588	2.28%	0.552%
15	10.669	1241	1255	1260	rBV2	68450635	178782519	93.78%	22.709%
16	10.786	1268	1275	1280	rBV	2068222	3423876	1.80%	0.435%
17	11.169	1330	1340	1359	rBV	31485947	55332229	29.03%	7.028%
18	11.369	1368	1374	1390	rVB	359638	666313	0.35%	0.085%
19	11.592	1403	1412	1423	rBV2	107270	221112	0.12%	0.028%
20	12.063	1486	1492	1507	rVB	1150089	2022328	1.06%	0.257%
21	12.757	1600	1610	1611	rBV3	290679	517687	0.27%	0.066%
22	12.792	1611	1616	1624	rVB	1174295	1937199	1.02%	0.246%
23	13.398	1712	1719	1733	rBV	4430787	6665061	3.50%	0.847%
24	13.604	1748	1754	1760	rBV	178808	302223	0.16%	0.038%
25	13.998	1811	1821	1827	rBV	5344234	7919040	4.15%	1.006%
26	14.057	1827	1831	1837	rVB3	157736	276571	0.15%	0.035%
27	14.292	1864	1871	1881	rBV	5713252	8272274	4.34%	1.051%
28	14.380	1881	1886	1895	rVB2	186478	361736	0.19%	0.046%
29	14.598	1916	1923	1938	rVB2	2935766	4727704	2.48%	0.601%
30	14.780	1948	1954	1970	rBV2	306872	625441	0.33%	0.079%
31	14.910	1971	1976	1985	rVB	209361	306196	0.16%	0.039%
32	15.586	2084	2091	2098	rBV	7331152	10351675	5.43%	1.315%
33	15.698	2103	2110	2122	rVB	2637504	3739613	1.96%	0.475%
34	17.333	2382	2388	2399	rBV2	3754716	5552188	2.91%	0.705%

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Title : SVOA CALIBRATION

35	17.433	2399	2405	2419	rVB	8141988	11591023	6.08%	1.472%
36	19.474	2748	2752	2761	rBV	179964	278907	0.15%	0.035%
37	19.721	2788	2794	2807	rBV	10373782	13438862	7.05%	1.707%
38	21.498	3091	3096	3104	rBV	4826463	6248834	3.28%	0.794%
39	23.109	3367	3370	3375	rVB	242090	331154	0.17%	0.042%
40	23.721	3466	3474	3486	rBV2	6186284	12573015	6.60%	1.597%
41	23.874	3493	3500	3509	rVB	2763248	5437042	2.85%	0.691%
42	24.403	3586	3590	3597	rVB	394601	753958	0.40%	0.096%
43	25.209	3723	3727	3735	rVB2	397816	851599	0.45%	0.108%

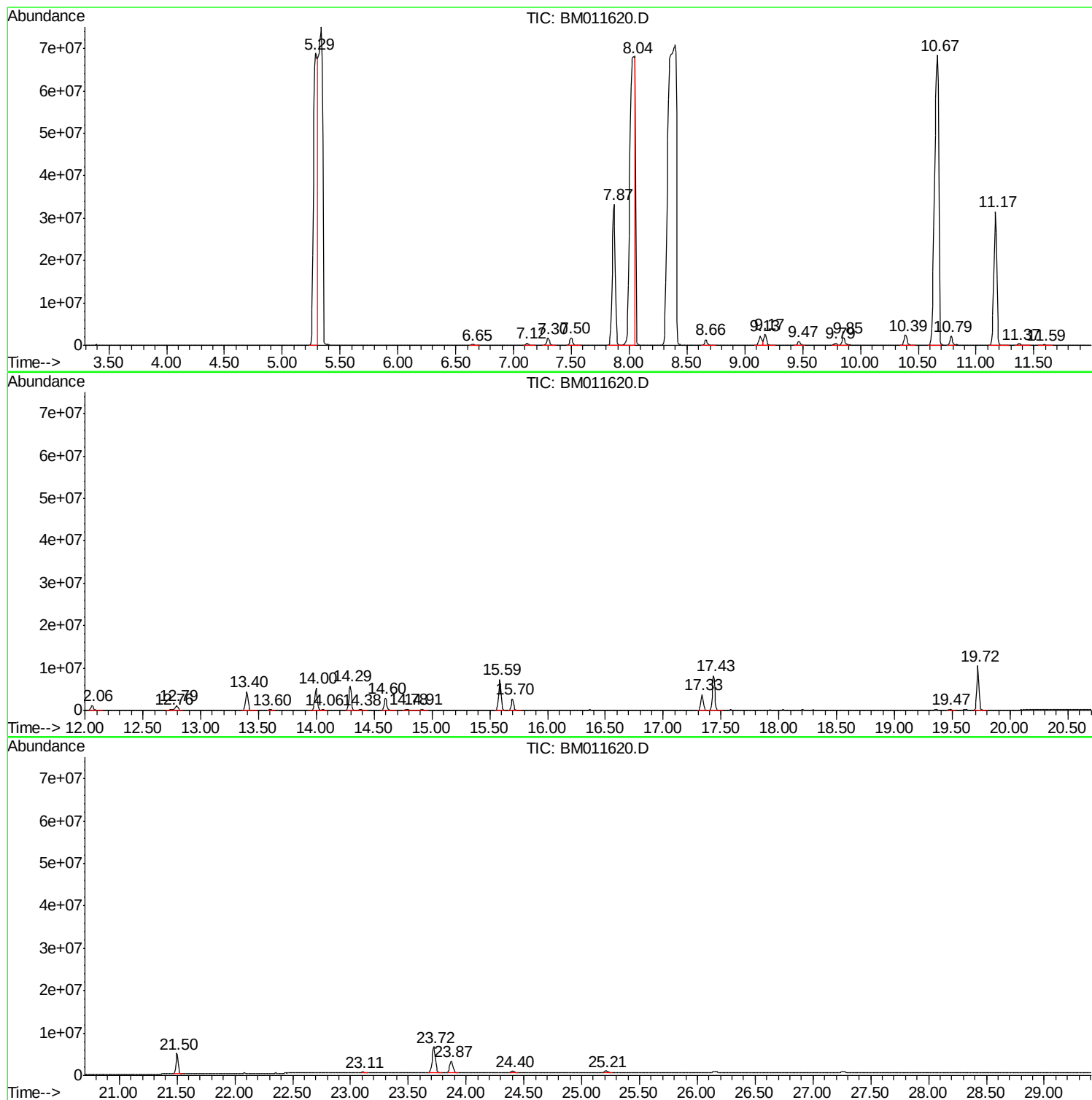
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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



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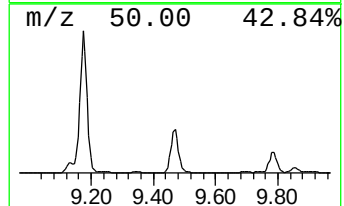
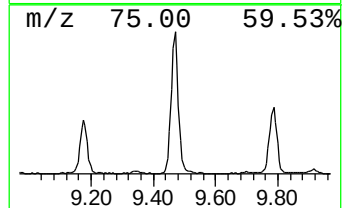
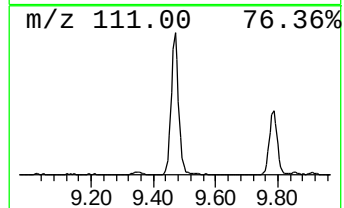
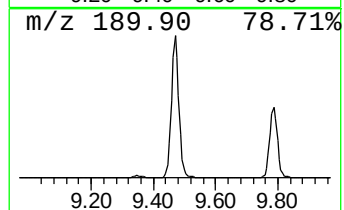
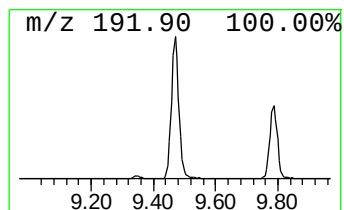
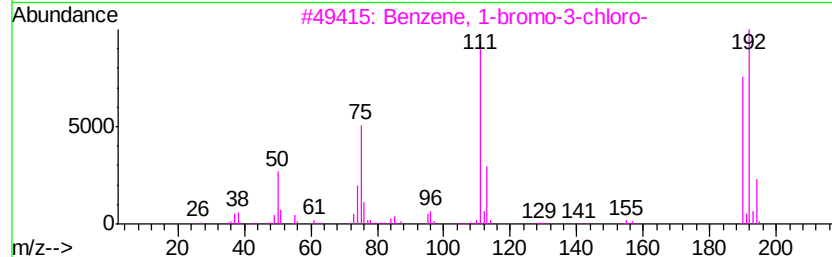
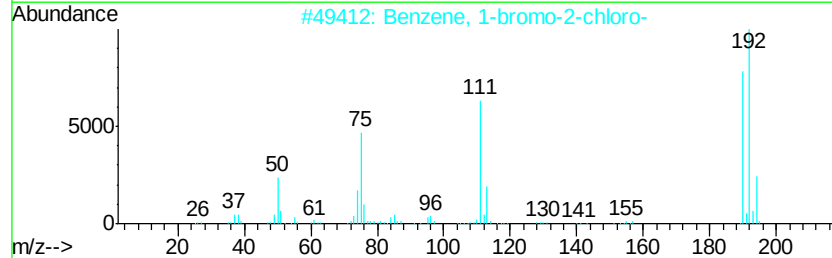
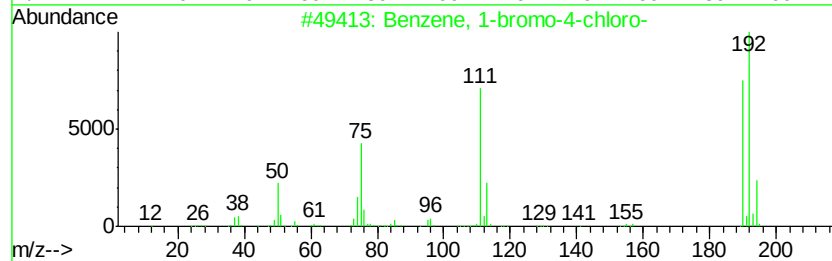
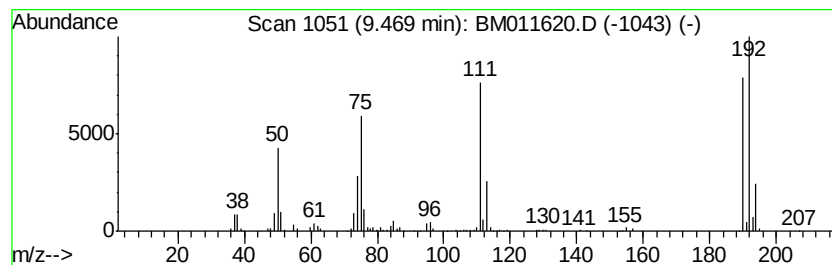
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzene, 1-bromo-4-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	8.99 ng/ul	1538700	Napthalene-d8	10.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98	
2	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98	
3	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97	
4	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	97	
5	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	95	



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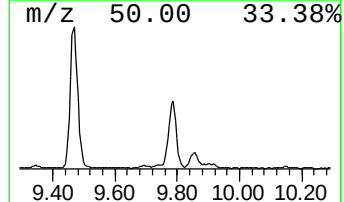
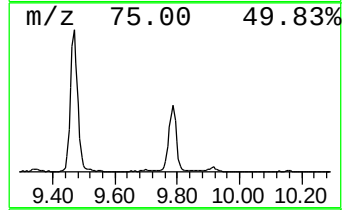
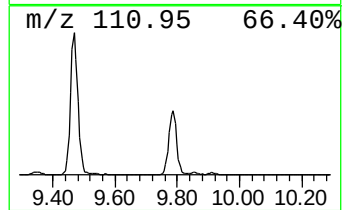
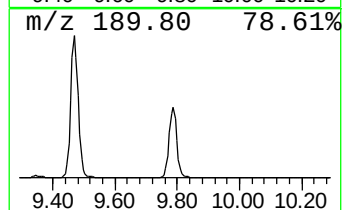
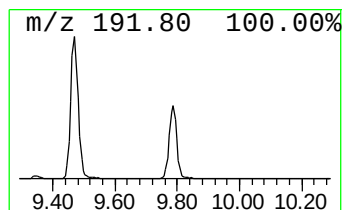
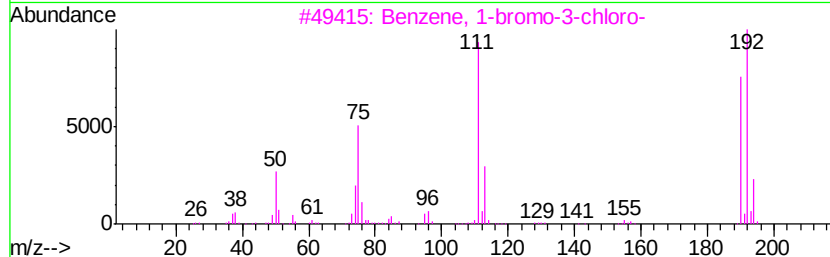
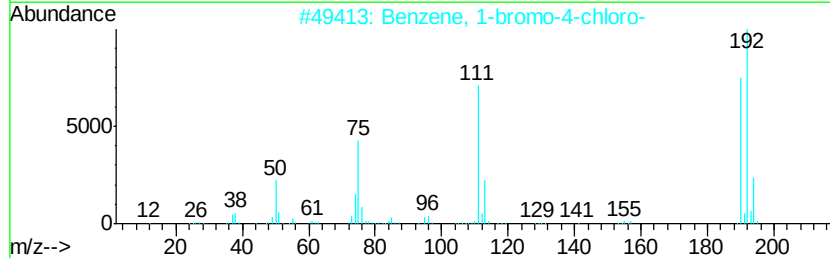
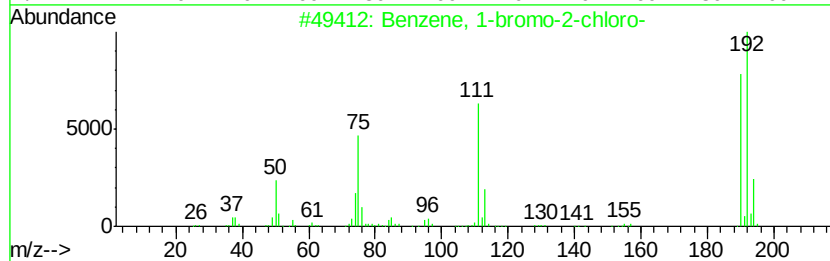
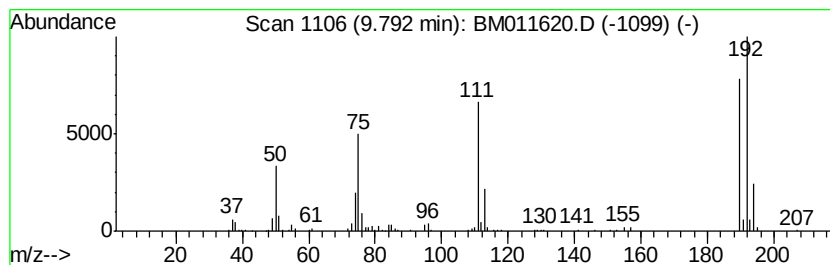
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Benzene, 1-bromo-2-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	4.70 ng/ul	804607	Napthalene-d8	10.79

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	97
4		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
5		Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	94



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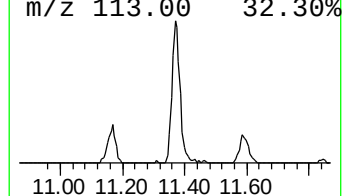
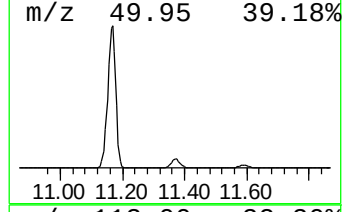
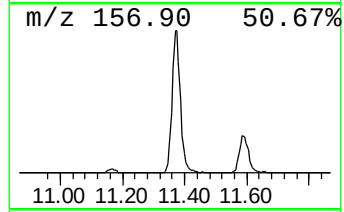
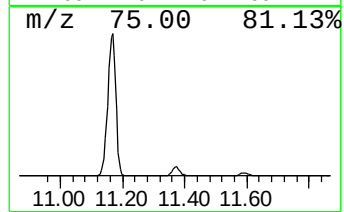
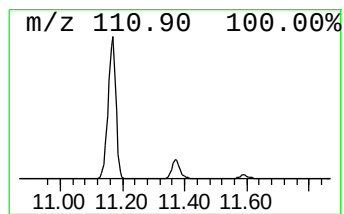
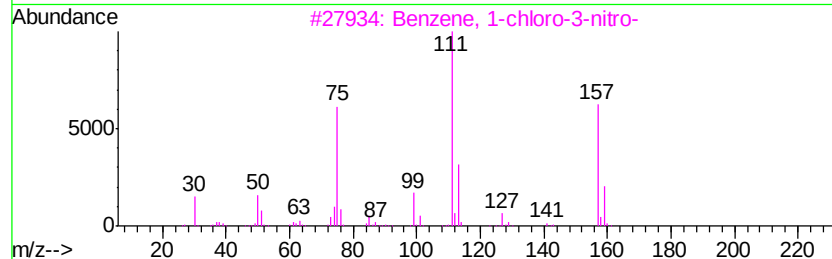
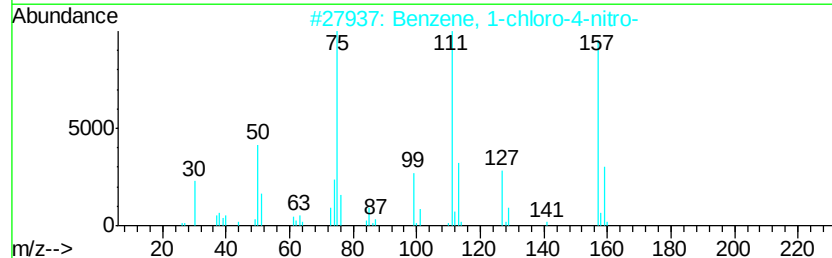
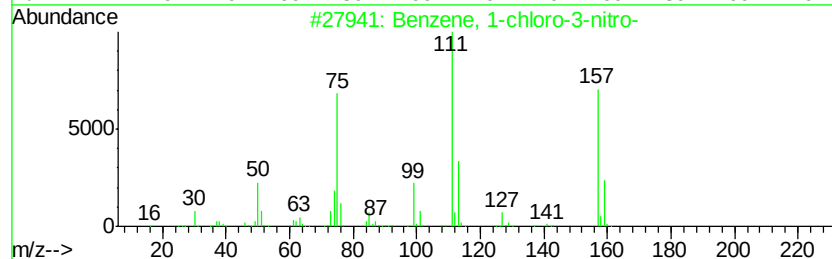
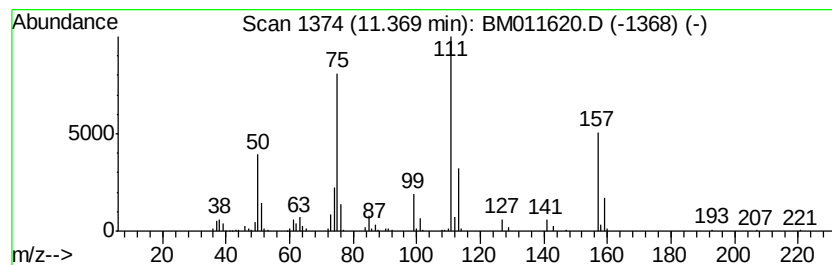
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1-chloro-3-nitro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	3.89 ng/ul	666313	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-4-nitro-	157	C6H4ClNO2	000100-00-5	94
3		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	90
4		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	78
5		Benzene, 1-chloro-4-(methylsulfo...	190	C7H7ClO2S	000098-57-7	56



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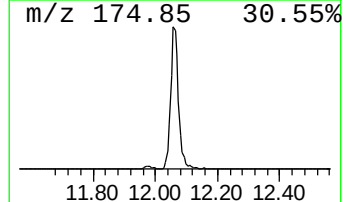
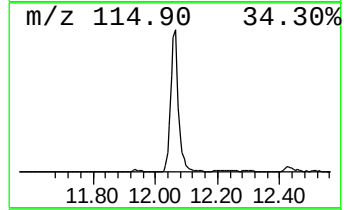
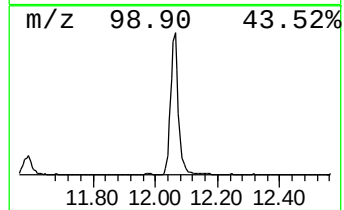
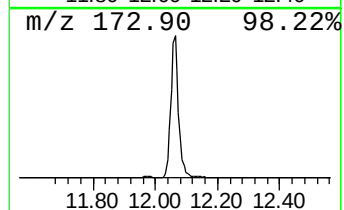
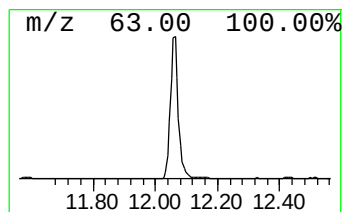
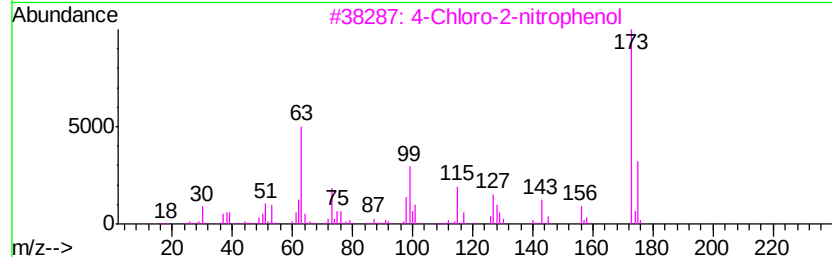
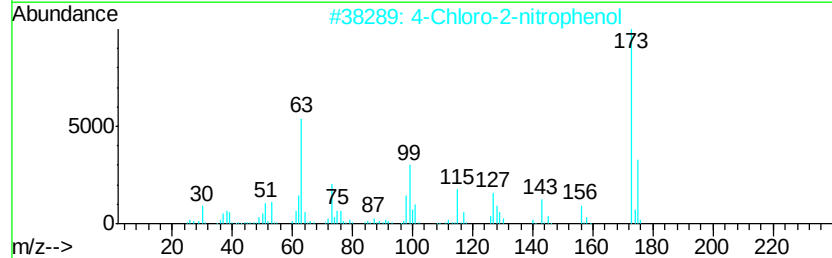
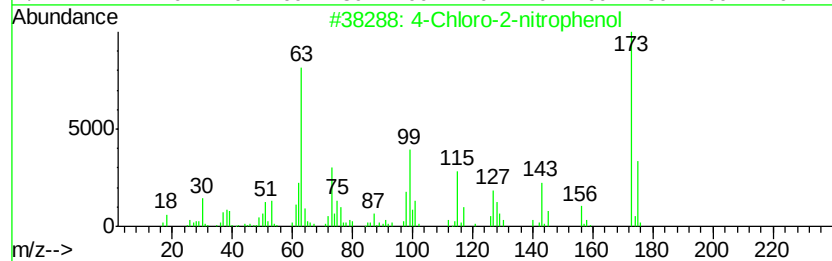
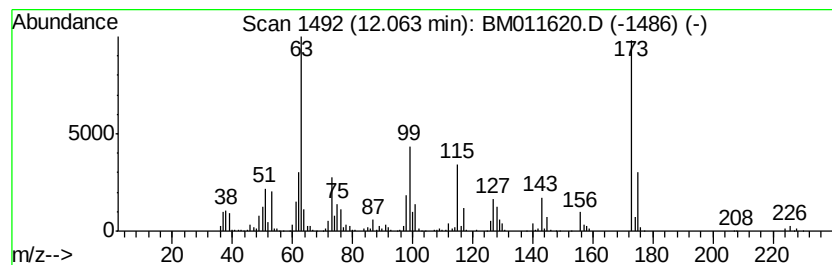
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TIC Integration Parameters: LSCINT.P

Peak Number 9 4-Chloro-2-nitrophenol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	11.81 ng/ul	2022330	Napthalene-d8	10.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	98
2		4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	97
3		4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	97
4		Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	83
5		Phenol, 2-chloro-4-nitro-	173	C6H4ClNO3	000619-08-9	80



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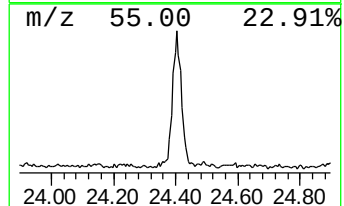
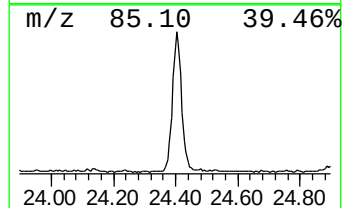
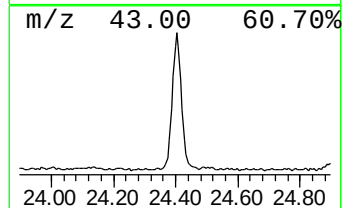
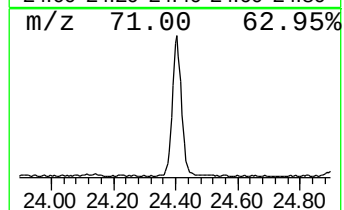
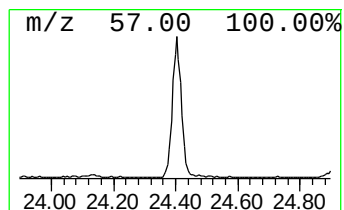
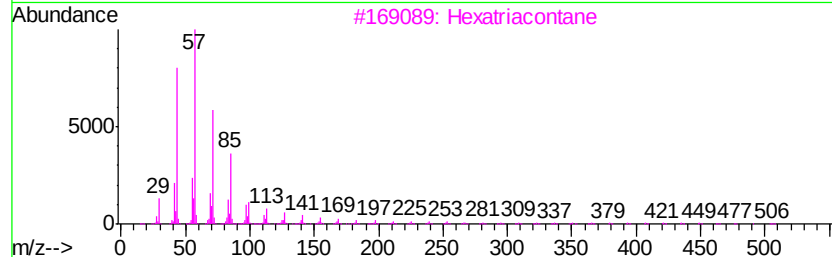
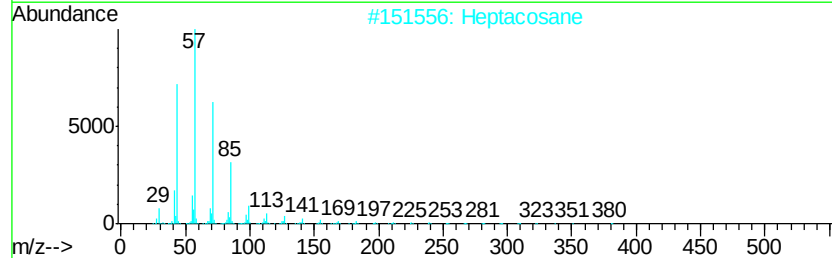
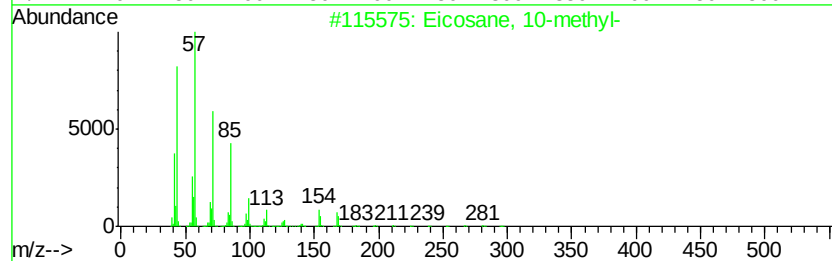
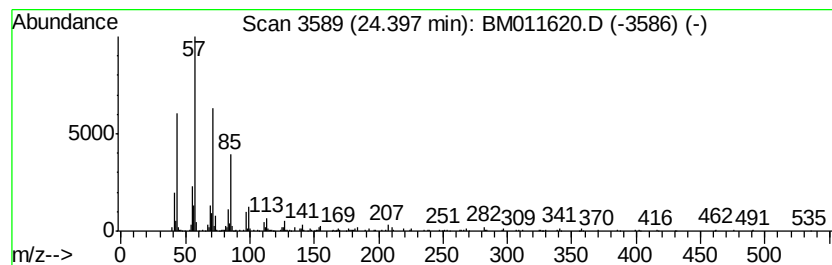
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.40	2.77 ng/ul	753958	Perylene-d12	23.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
2			Heptacosane	380	C27H56	000593-49-7	87
3			Hexatriacontane	507	C36H74	000630-06-8	86
4			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
5			Nonadecane	268	C19H40	000629-92-5	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
Data File : BM011620.D
Acq On : 20 Sep 2017 00:41
Operator : SJ/JU
Sample : I5273-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ7

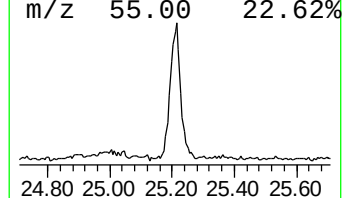
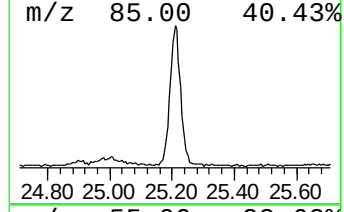
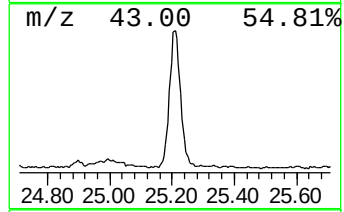
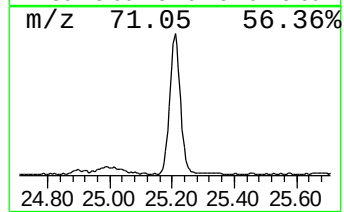
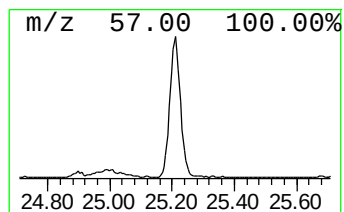
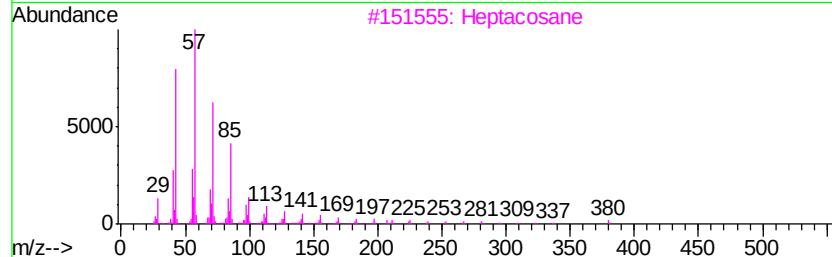
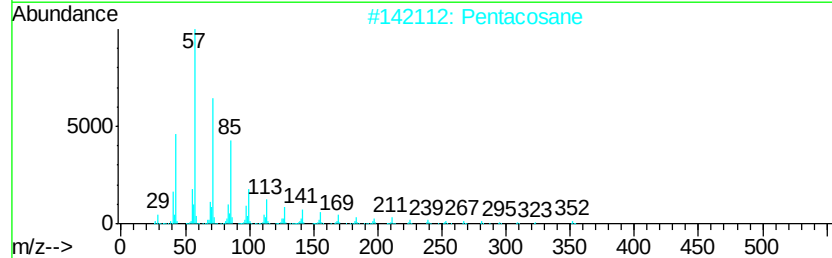
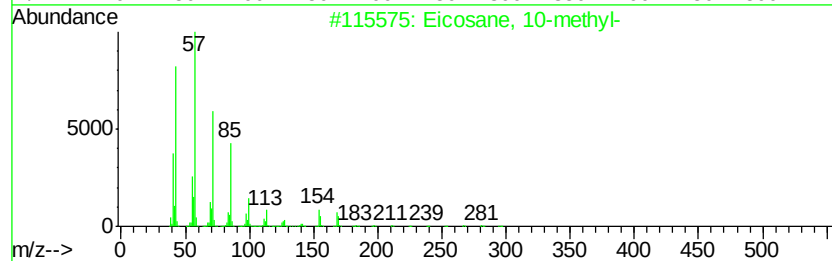
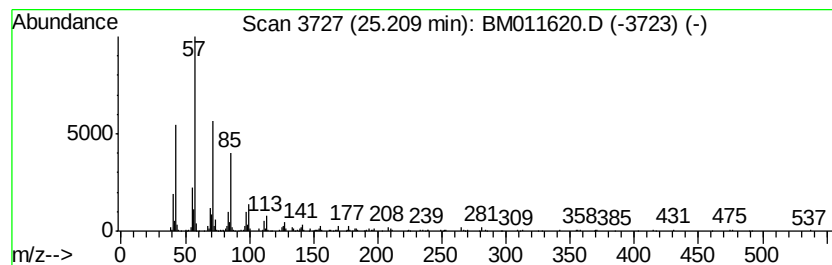
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.21	3.13 ng/ul	851599	Perylene-d12	23.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
2		Pentacosane	352	C25H52	000629-99-2	90
3		Heptacosane	380	C27H56	000593-49-7	87
4		Heptacosane	380	C27H56	000593-49-7	83
5		Eicosane	282	C20H42	000112-95-8	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
Data File : BM011620.D
Acq On : 20 Sep 2017 00:41
Operator : SJ/JU
Sample : I5273-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ7

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, 1-bromo-...	9.47	9.0	ng/ul	1538700	2	10.79	3423880	20.0
Benzene, 1-bromo-...	9.79	4.7	ng/ul	804607	2	10.79	3423880	20.0
Benzene, 1-chloro...	11.37	3.9	ng/ul	666313	2	10.79	3423880	20.0
4-Chloro-2-nitrop...	12.06	11.8	ng/ul	2022330	2	10.79	3423880	20.0
(DEL) Alkane: Str...	24.40	2.8	ng/ul	753958	6	23.87	5437040	20.0
(DEL) Alkane: Str...	25.21	3.1	ng/ul	851599	6	23.87	5437040	20.0