

Data Path : Z:\HPCHEM1\BNA M\Data\BM091917\
 Data File : BM011621.D
 Acq On : 20 Sep 2017 01:17
 Operator : SJ/JU
 Sample : I5273-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ8

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	342	rBV3	68630932	140335804	19.68%	6.706%
2	6.651	563	572	589	rBV	1877766	3555463	0.50%	0.170%
3	6.928	603	619	635	rBV2	472571	1593254	0.22%	0.076%
4	7.128	647	653	672	rVB	365454	783770	0.11%	0.037%
5	7.328	674	687	697	rBV	720578	2575596	0.36%	0.123%
6	7.510	710	718	731	rBV	993367	2573816	0.36%	0.123%
7	7.904	769	785	798	rBV5	63427133	371353624	52.08%	17.745%
8	8.040	798	808	809	rBV3	67223810	158360065	22.21%	7.567%
9	8.493	853	885	889	rBV7	86194059	713082868	100.00%	34.075%
10	8.675	910	916	930	rVB	1141324	1907873	0.27%	0.091%
11	9.145	989	996	999	rVV	1942367	3294509	0.46%	0.157%
12	9.192	999	1004	1019	rVB	6726303	11177219	1.57%	0.534%
13	9.481	1045	1053	1071	rBV	3356957	5462402	0.77%	0.261%
14	9.792	1101	1106	1112	rVV	1888857	3308428	0.46%	0.158%
15	9.863	1112	1118	1121	rVV	1596761	3041592	0.43%	0.145%
16	9.892	1121	1123	1136	rVV2	1399391	2285165	0.32%	0.109%
17	10.398	1196	1209	1223	rBV	1989308	3920181	0.55%	0.187%
18	10.710	1242	1262	1266	rBV4	73522548	341581428	47.90%	16.323%
19	10.804	1272	1278	1291	rVB	2306136	3521649	0.49%	0.168%
20	11.198	1331	1345	1351	rBV2	66537001	177329707	24.87%	8.474%
21	11.381	1368	1376	1389	rVB	4475351	7643054	1.07%	0.365%
22	11.592	1404	1412	1424	rBV	956128	1753122	0.25%	0.084%
23	12.063	1481	1492	1506	rBV2	1248235	2442694	0.34%	0.117%
24	12.745	1600	1608	1612	rBV	3227513	5546553	0.78%	0.265%
25	12.792	1612	1616	1624	rVB	4027458	6363456	0.89%	0.304%
26	13.016	1647	1654	1667	rBV	856684	1626436	0.23%	0.078%
27	13.404	1712	1720	1729	rBV	15483916	23126074	3.24%	1.105%
28	13.992	1811	1820	1827	rBV2	6406762	12712422	1.78%	0.607%
29	14.292	1864	1871	1879	rVV	4905081	7132638	1.00%	0.341%
30	14.374	1879	1885	1900	rVB	723919	1223073	0.17%	0.058%
31	14.598	1916	1923	1937	rBV2	2918919	4846564	0.68%	0.232%
32	14.786	1950	1955	1965	rVB2	455947	988923	0.14%	0.047%
33	15.586	2083	2091	2096	rBV	6191291	9062567	1.27%	0.433%
34	15.698	2104	2110	2121	rVB	2268879	3326502	0.47%	0.159%

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Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	17.333	2381	2388	2398	rBV	3742144	5400159	0.76%	0.258%
36	17.433	2398	2405	2417	rVV	6630320	9678190	1.36%	0.462%
37	18.698	2611	2620	2629	rBV	2477108	3674716	0.52%	0.176%
38	19.721	2787	2794	2803	rBV	8376953	11359800	1.59%	0.543%
39	21.503	3091	3097	3102	rBV	4741104	6414056	0.90%	0.306%
40	23.721	3466	3474	3489	rBV2	5620291	11433522	1.60%	0.546%
41	23.874	3493	3500	3513	rVB	2875771	5881858	0.82%	0.281%

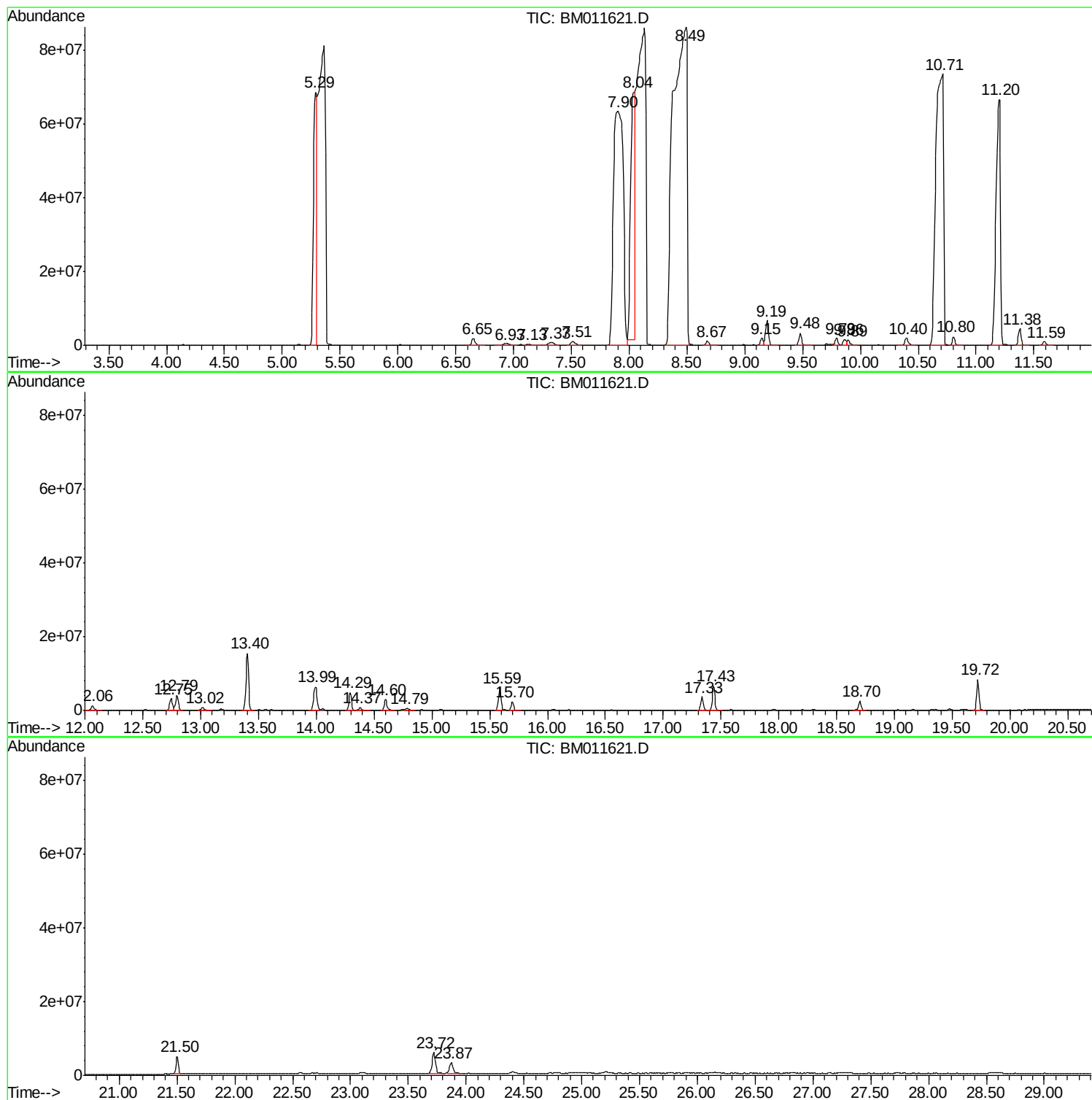
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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



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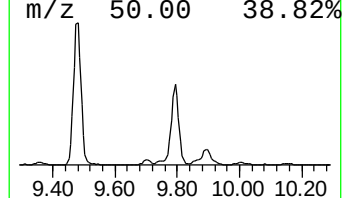
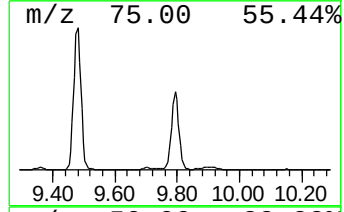
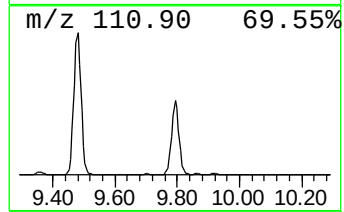
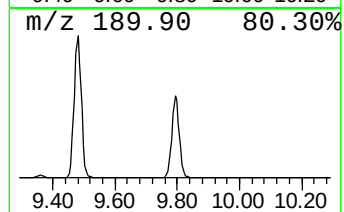
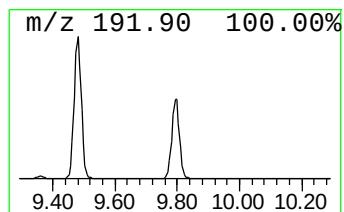
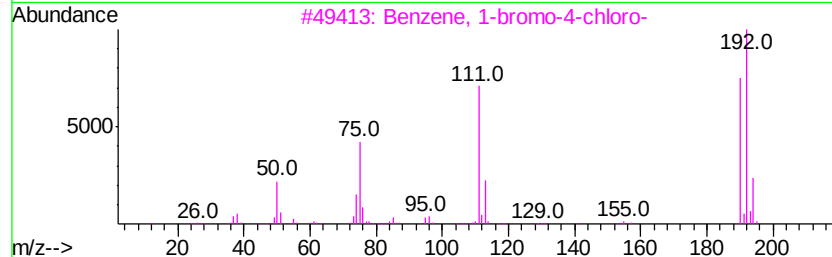
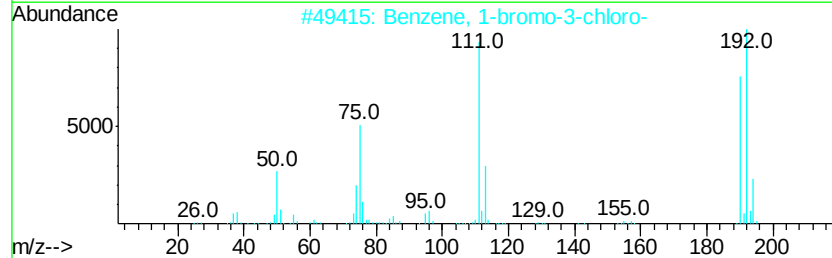
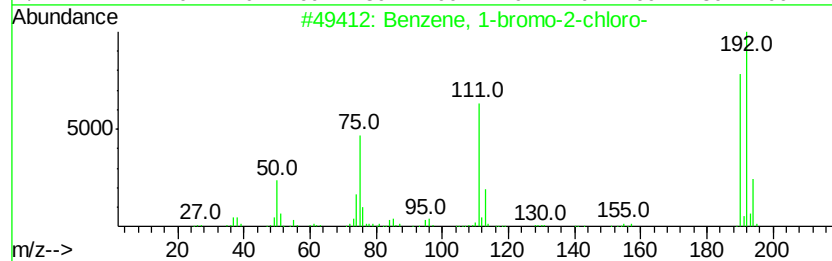
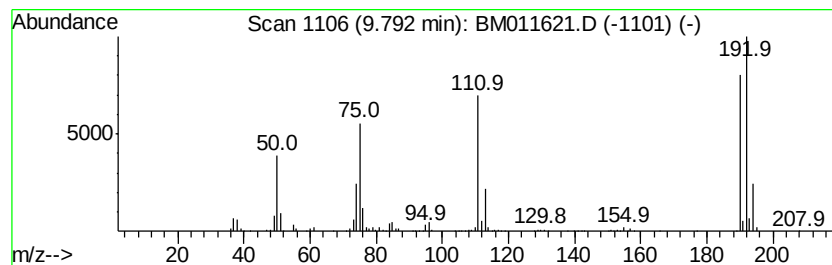
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-bromo-2-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	18.79 ng/ul	3308430	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-3-chloro-	190	C6H4BrCl	000108-37-2	97
3		Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	97
4		Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	95
5		Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	94



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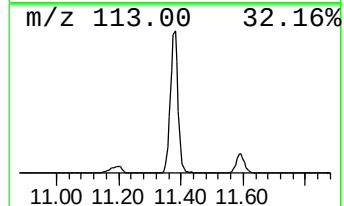
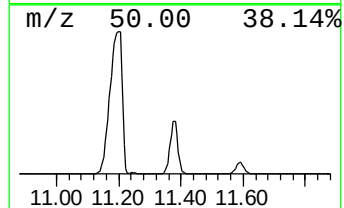
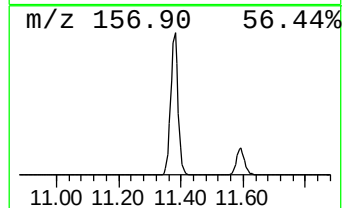
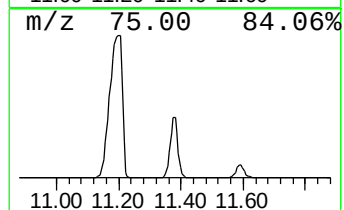
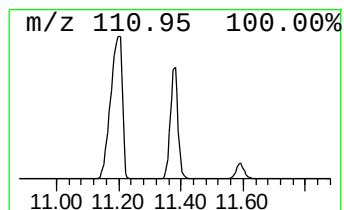
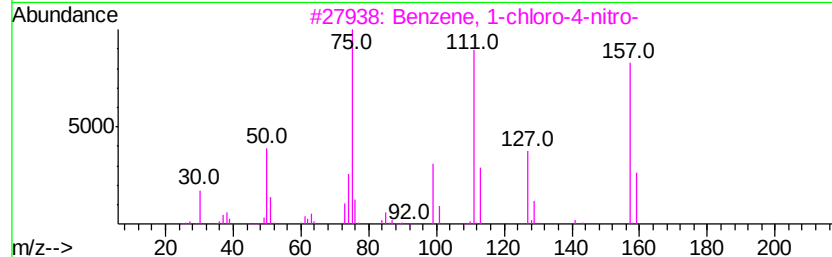
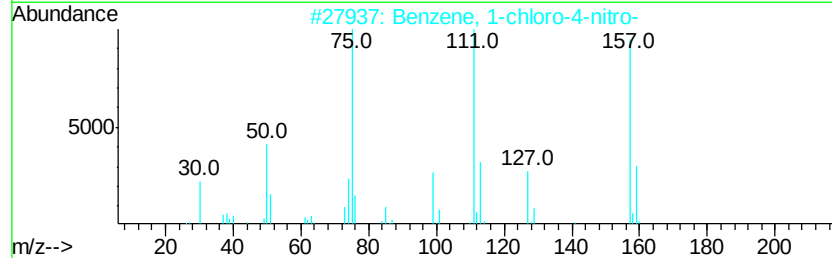
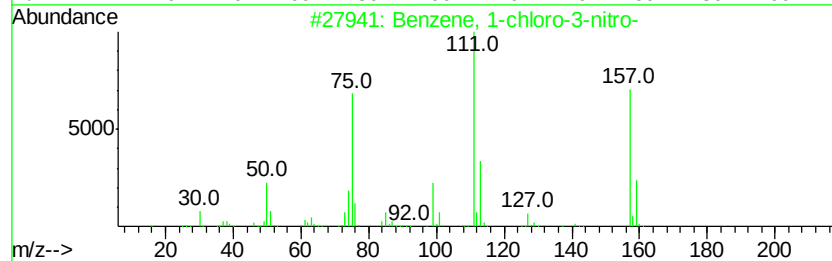
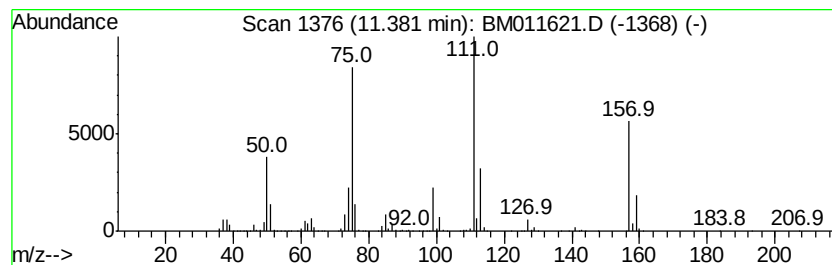
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 8 Benzene, 1-chloro-3-nitro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	43.41 ng/ul	7643050	Naphthalene-d8	10.80

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-4-nitro-	157	C6H4ClNO2	000100-00-5	93
4		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	91
5		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	91



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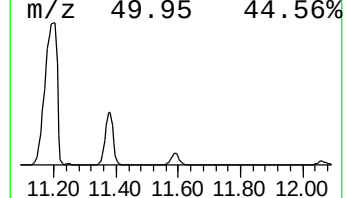
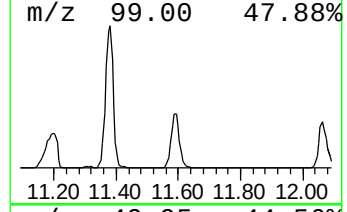
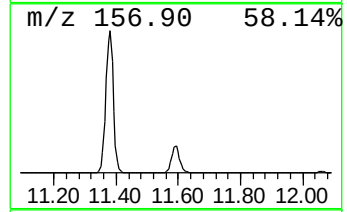
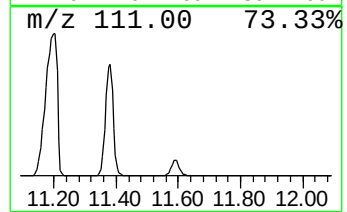
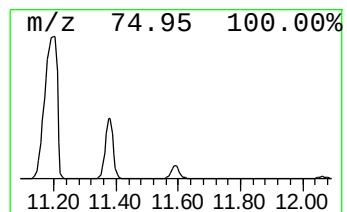
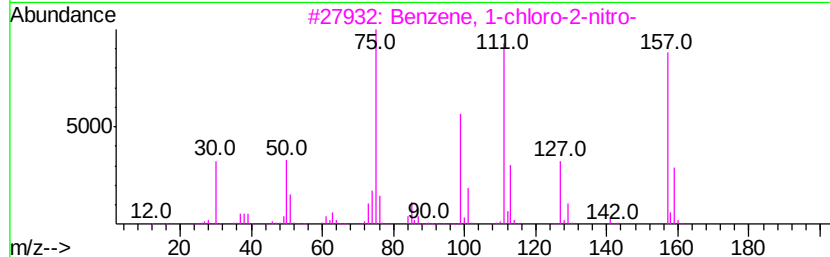
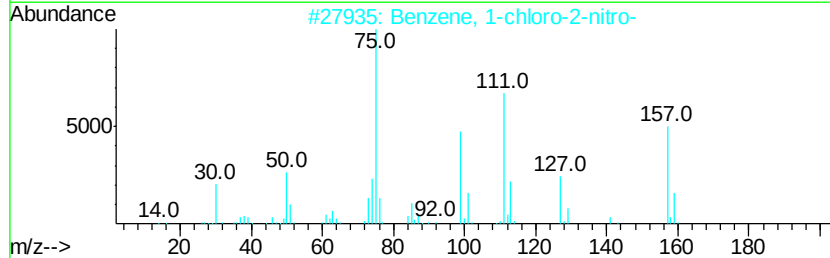
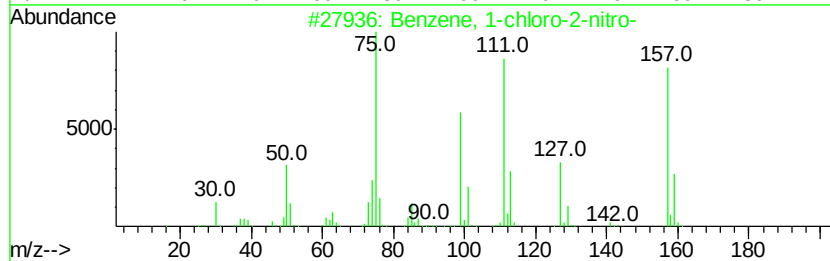
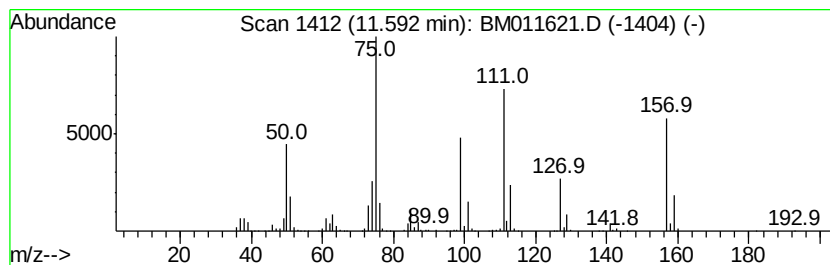
Instrument :
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzene, 1-chloro-2-nitro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	9.96 ng/ul	1753120	Naphthalene-d8	10.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-chloro-2-nitro-	157 C6H4ClNO2	000088-73-3	98
2	Benzene, 1-chloro-2-nitro-	157 C6H4ClNO2	000088-73-3	98
3	Benzene, 1-chloro-2-nitro-	157 C6H4ClNO2	000088-73-3	95
4	Benzene, 1-chloro-3-nitro-	157 C6H4ClNO2	000121-73-3	94
5	Benzene, 1-chloro-4-nitro-	157 C6H4ClNO2	000100-00-5	94



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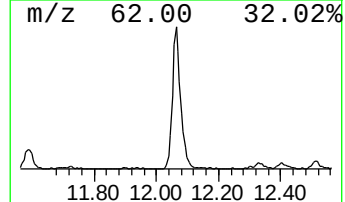
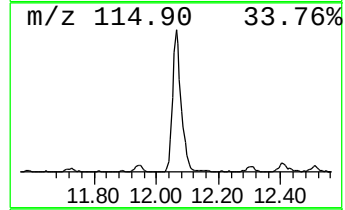
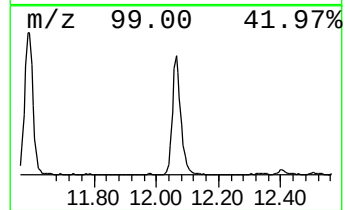
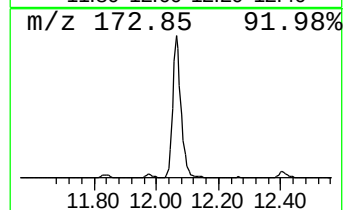
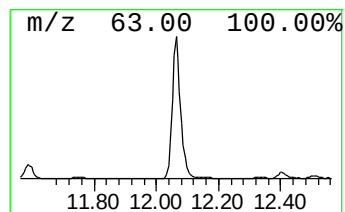
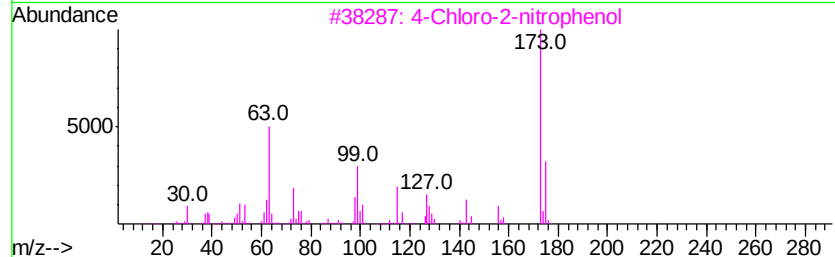
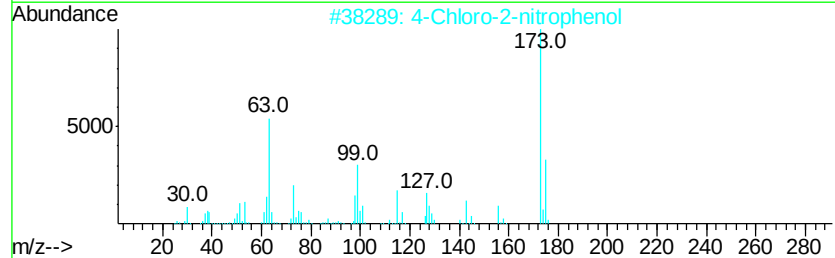
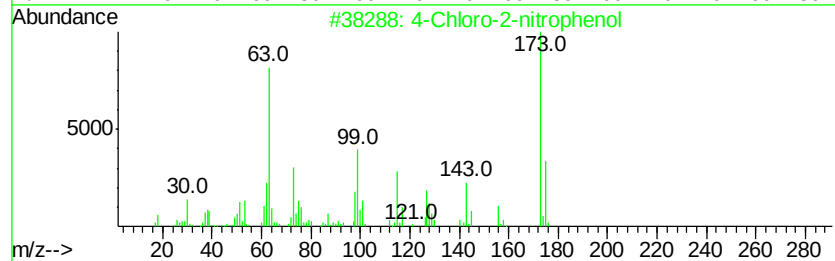
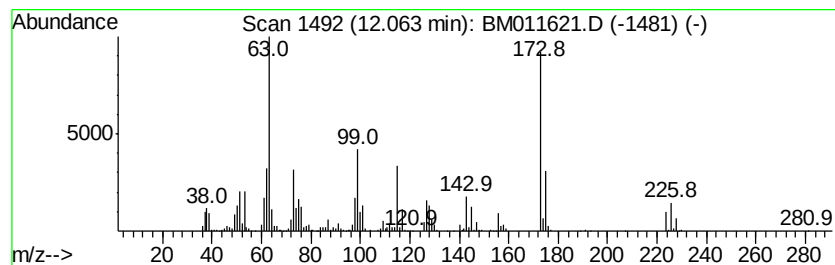
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 4-Chloro-2-nitrophenol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	13.87 ng/ul	2442690	Napthalene-d8	10.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	4-Chloro-2-nitrophenol	173 C6H4ClNO3	000089-64-5	98
2	4-Chloro-2-nitrophenol	173 C6H4ClNO3	000089-64-5	95
3	4-Chloro-2-nitrophenol	173 C6H4ClNO3	000089-64-5	95
4	Phenol, 2-chloro-4-nitro-	173 C6H4ClNO3	000619-08-9	72
5	Phenol, 5-chloro-2-nitro-	173 C6H4ClNO3	000611-07-4	60



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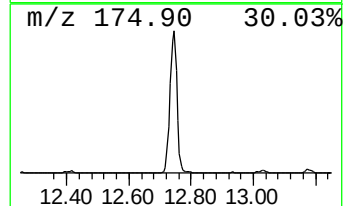
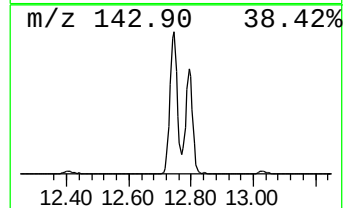
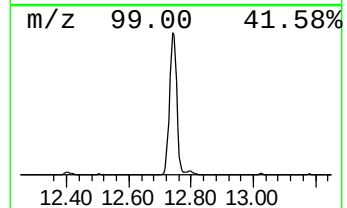
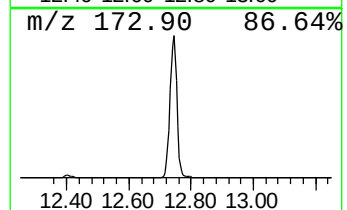
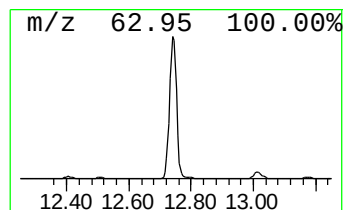
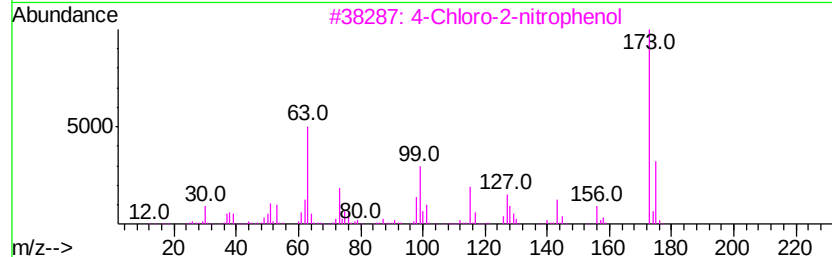
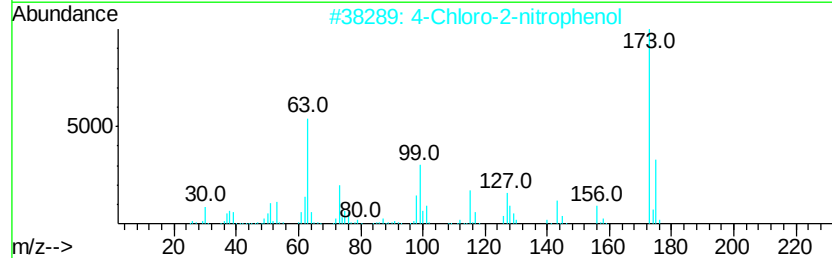
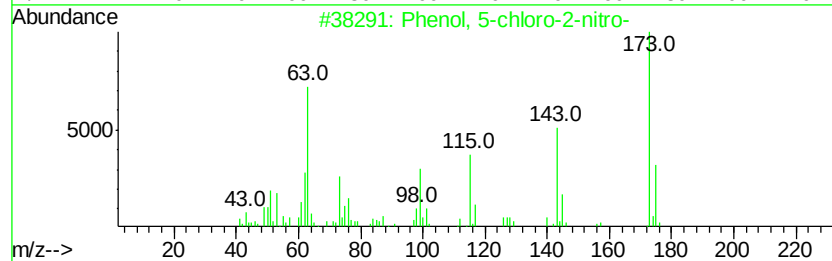
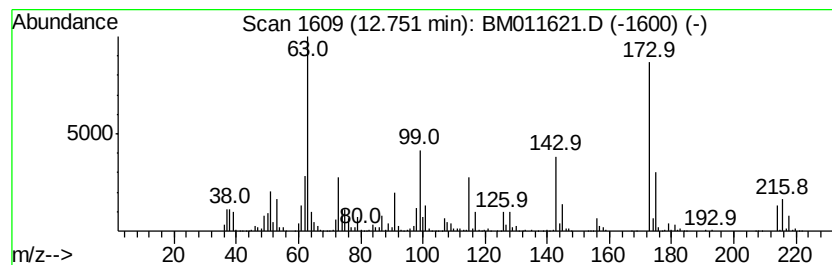
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TIC Integration Parameters: LSCINT.P

Peak Number 11 Phenol, 5-chloro-2-nitro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	22.89 ng/ul	5546550	Acenaphthene-d10	14.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Phenol, 5-chloro-2-nitro-	173 C6H4ClNO3	000611-07-4	91
2	4-Chloro-2-nitrophenol	173 C6H4ClNO3	000089-64-5	72
3	4-Chloro-2-nitrophenol	173 C6H4ClNO3	000089-64-5	72
4	3-Chloro-4-nitrophenol	173 C6H4ClNO3	000491-11-2	46
5	4-Chloro-2-nitrophenol	173 C6H4ClNO3	000089-64-5	46



Data Path : Z:\HPCHEM1\BNA M\Data\BM091917\
Data File : BM011621.D
Acq On : 20 Sep 2017 01:17
Operator : SJ/JU
Sample : I5273-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

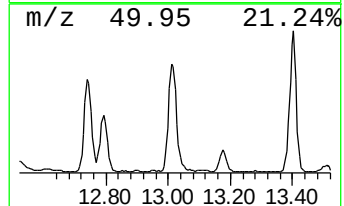
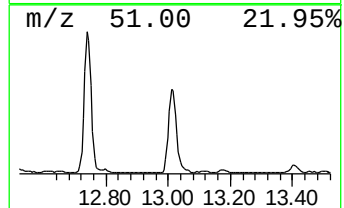
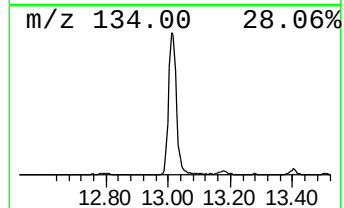
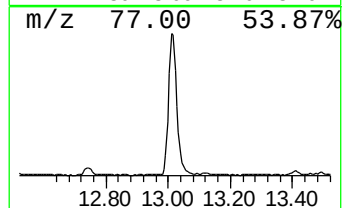
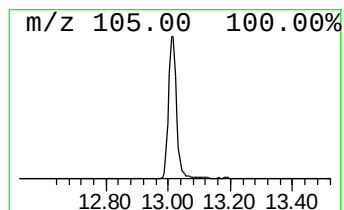
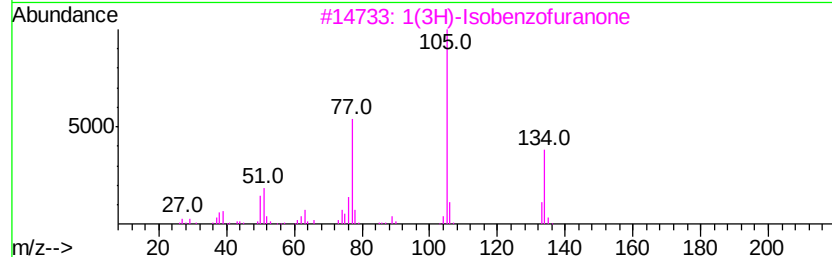
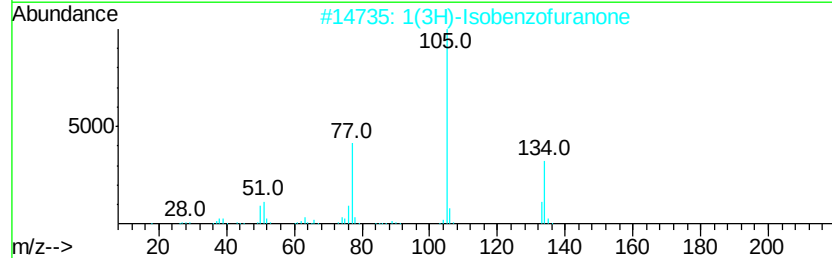
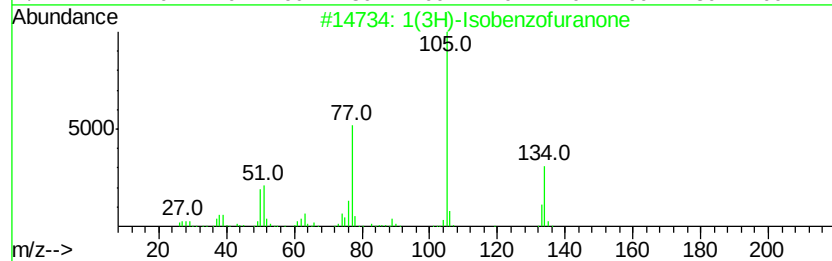
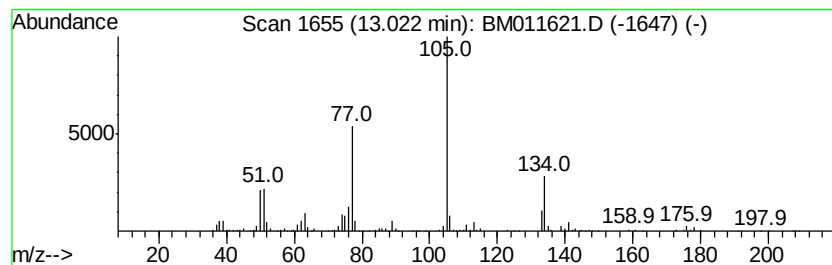
Instrument :
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ClientSampleId :
C0AJ8

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 12 1(3H)-Isobenzofuranone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	6.71 ng/ul	1626440	Acenaphthene-d10	14.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1(3H)-Isobenzofuranone	134 C8H6O2	000087-41-2 96
2		1(3H)-Isobenzofuranone	134 C8H6O2	000087-41-2 91
3		1(3H)-Isobenzofuranone	134 C8H6O2	000087-41-2 81
4		1,2-Benzenedicarboxaldehyde	134 C8H6O2	000643-79-8 72
5		Benzoic acid, 2-(hydroxymethyl)-	152 C8H8O3	000612-20-4 72



Data Path : Z:\HPCHEM1\BNA M\Data\BM091917\
Data File : BM011621.D
Acq On : 20 Sep 2017 01:17
Operator : SJ/JU
Sample : I5273-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

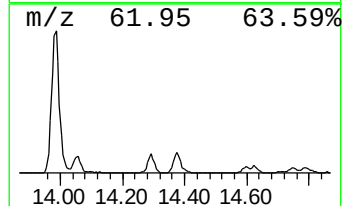
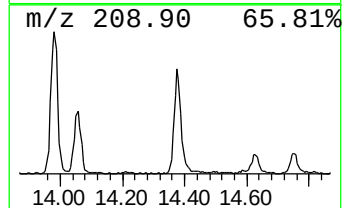
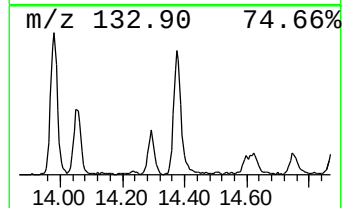
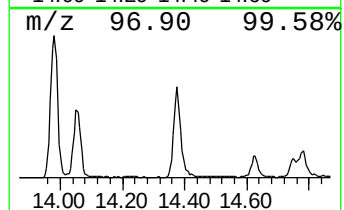
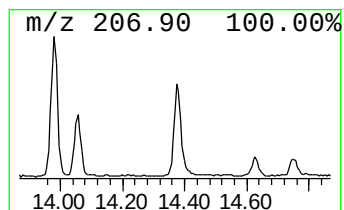
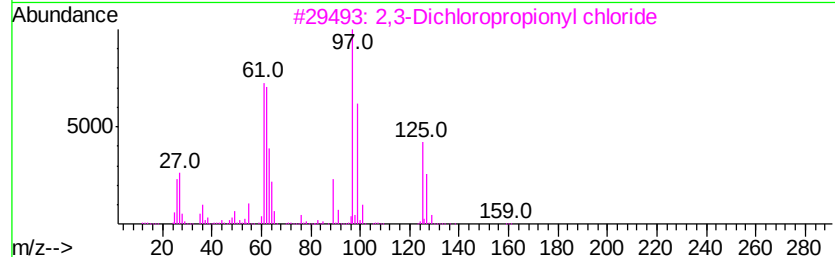
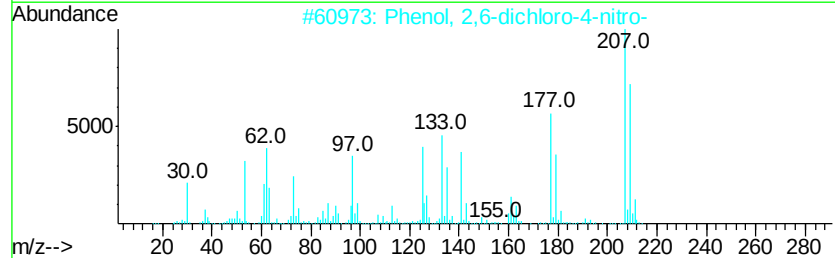
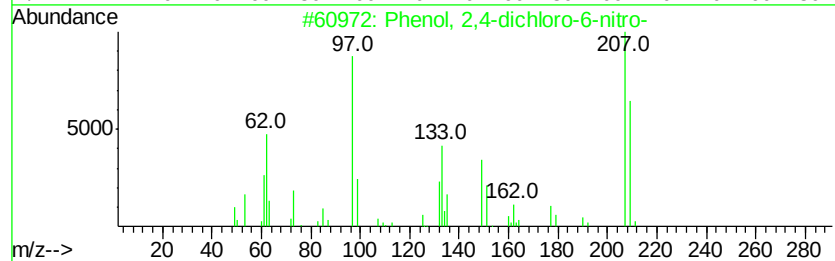
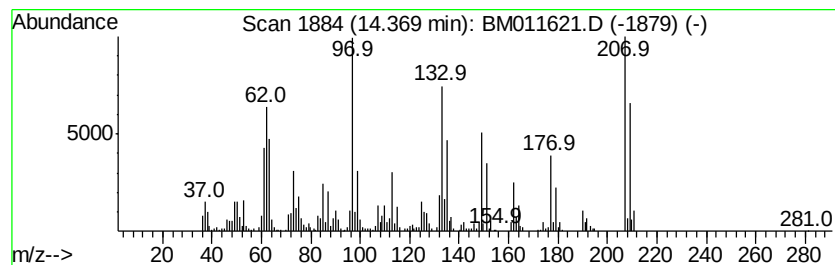
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 Phenol, 2,4-dichloro-6-nitro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	5.05 ng/ul	1223070	Acenaphthene-d10	14.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Phenol, 2,4-dichloro-6-nitro-	207	C6H3Cl2NO3	000609-89-2 64
2	Phenol, 2,6-dichloro-4-nitro-	207	C6H3Cl2NO3	000618-80-4 30
3	2,3-Dichloropropionyl chloride	160	C3H3Cl3O	007623-13-4 25
4	1-Chloro-1-chloromethyl-1-silacy...	182	C6H12Cl2Si	019923-50-3 14
5	Propanoic acid, 2,2-dichloro-	142	C3H4Cl2O2	000075-99-0 10



Data Path : Z:\HPCHEM1\BNA M\Data\BM091917\
Data File : BM011621.D
Acq On : 20 Sep 2017 01:17
Operator : SJ/JU
Sample : I5273-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

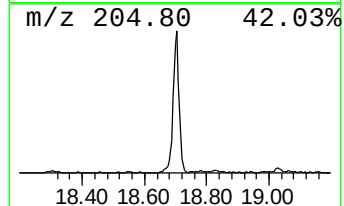
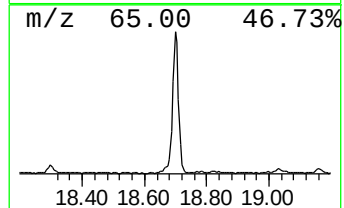
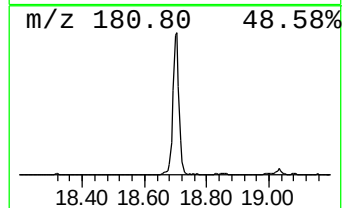
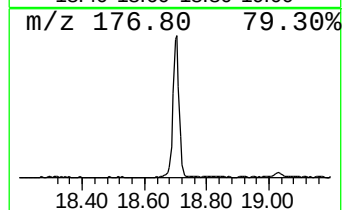
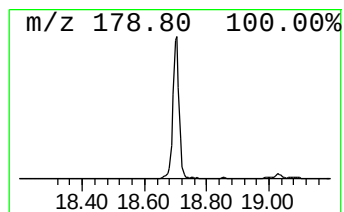
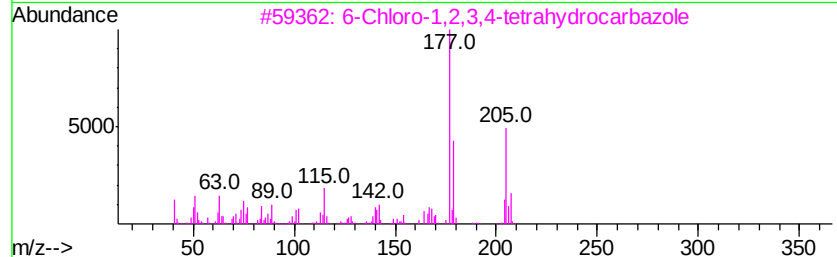
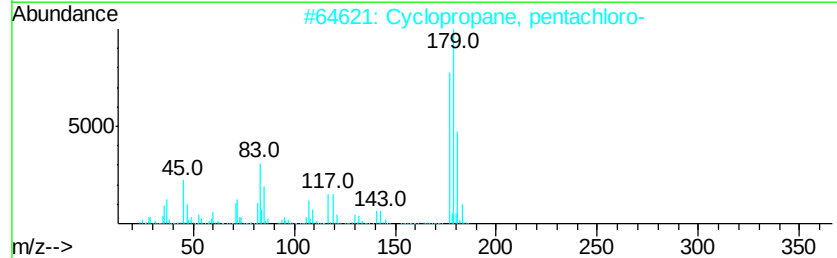
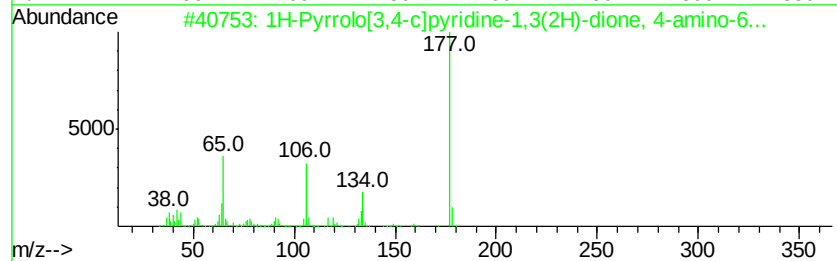
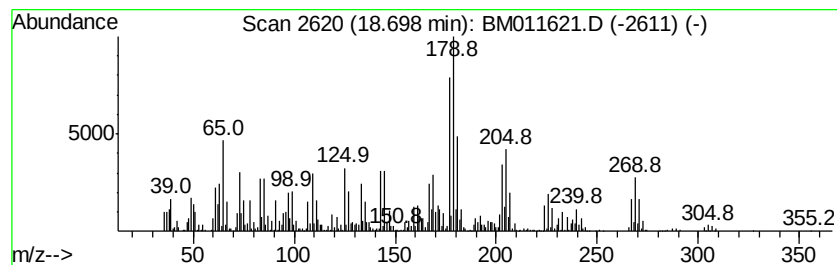
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.70	13.61 ng/ul	3674720	Phenanthrene-d10	17.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrolo[3,4-c]pyridine-1,3(2H...	177	C8H7N3O2	090004-20-9	38
2	Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	22
3	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	20
4	2-Butenoic acid, -2-ethynyl, meth...	124	C7H8O2	1000222-03-1	17
5	4-Chloro-3-quinolinol	179	C9H6ClNO	032435-60-2	11



Data Path : Z:\HPCHEM1\BNA_M\Data\BM091917\
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Acq On : 20 Sep 2017 01:17
Operator : SJ/JU
Sample : I5273-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ8

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-...	9.79	18.8	ng/ul	3308430	2	10.80	3521650	20.0
Benzene, 1-chloro...	11.38	43.4	ng/ul	7643050	2	10.80	3521650	20.0
Benzene, 1-chloro...	11.59	10.0	ng/ul	1753120	2	10.80	3521650	20.0
4-Chloro-2-nitrop...	12.06	13.9	ng/ul	2442690	2	10.80	3521650	20.0
Phenol, 5-chloro-...	12.75	22.9	ng/ul	5546550	3	14.60	4846560	20.0
1(3H)-Isobenzofur...	13.02	6.7	ng/ul	1626440	3	14.60	4846560	20.0
Phenol, 2,4-dichl...	14.37	5.0	ng/ul	1223070	3	14.60	4846560	20.0
unknown-01	18.70	13.6	ng/ul	3674720	4	17.33	5400160	20.0