

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040618\
 Data File : BM014676.D
 Acq On : 06 Apr 2018 10:02
 Operator : SJ/JU
 Sample : J2246-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C05J7

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-BM032818MA.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	5.769	362	371	383	rBV	4296055	6824899	20.57%	3.514%
2	7.398	642	648	658	rVB	229924	366684	1.11%	0.189%
3	7.687	685	697	708	rBV	431124	787135	2.37%	0.405%
4	7.875	722	729	741	rBV	1475961	2340640	7.06%	1.205%
5	8.093	759	766	785	rVB2	1570712	3113713	9.39%	1.603%
6	8.463	821	829	836	rBV	616162	998707	3.01%	0.514%
7	8.575	839	848	850	rBV	1513787	2393914	7.22%	1.233%
8	8.616	850	855	866	rVB	7761759	12823617	38.65%	6.603%
9	8.945	902	911	920	rBV	19498276	33176007	100.00%	17.082%
10	9.269	958	966	977	rBV	1147396	1929660	5.82%	0.994%
11	9.757	1041	1049	1052	rBV	1703058	2991870	9.02%	1.541%
12	9.804	1052	1057	1069	rVB	6743484	11654593	35.13%	6.001%
13	10.487	1167	1173	1185	rVB	1320159	2402625	7.24%	1.237%
14	11.022	1257	1264	1271	rBV	2053760	3514085	10.59%	1.809%
15	11.281	1296	1308	1316	rVB	7103304	12167591	36.68%	6.265%
16	11.428	1324	1333	1339	rBV	2022749	3534525	10.65%	1.820%
17	11.804	1389	1397	1413	rVB	4294242	7288996	21.97%	3.753%
18	12.010	1422	1432	1439	rBV	5714386	9301828	28.04%	4.790%
19	12.216	1460	1467	1474	rVB	1194451	1978474	5.96%	1.019%
20	12.675	1538	1545	1553	rBV	197143	340529	1.03%	0.175%
21	13.339	1647	1658	1663	rBV	260594	453501	1.37%	0.234%
22	13.392	1663	1667	1676	rVB	303483	489652	1.48%	0.252%
23	13.992	1762	1769	1775	rBV	2190788	3309916	9.98%	1.704%
24	14.157	1789	1797	1807	rVB2	349100	686130	2.07%	0.353%
25	14.563	1856	1866	1872	rBV	3909122	5801558	17.49%	2.987%
26	14.874	1912	1919	1926	rBV	4521717	6546682	19.73%	3.371%
27	15.174	1963	1970	1980	rVB2	2840618	4492128	13.54%	2.313%
28	15.316	1988	1994	2005	rVB2	351478	594645	1.79%	0.306%
29	16.151	2130	2136	2145	rVB	5348668	7569744	22.82%	3.898%
30	16.239	2145	2151	2164	rBV	1238628	1759134	5.30%	0.906%
31	17.886	2422	2431	2441	rBV	3176003	4562306	13.75%	2.349%
32	17.980	2441	2447	2457	rBV	5150380	7433835	22.41%	3.828%
33	19.215	2647	2657	2666	rBV	5004254	6713881	20.24%	3.457%
34	19.539	2708	2712	2716	rVB	367250	459836	1.39%	0.237%

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040618\
Data File : BM014676.D
Acq On : 06 Apr 2018 10:02
Operator : SJ/JU
Sample : J2246-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C05J7

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-BM032818MA.M
Title : SVOA CALIBRATION

35	20.215	2821	2827	2835	rBV	5598188	7786176	23.47%	4.009%
36	21.968	3120	3125	3135	rBV	3093405	4511040	13.60%	2.323%
37	24.327	3518	3526	3536	rBV2	3549592	6993924	21.08%	3.601%
38	24.486	3546	3553	3567	rVB2	1984722	4117426	12.41%	2.120%

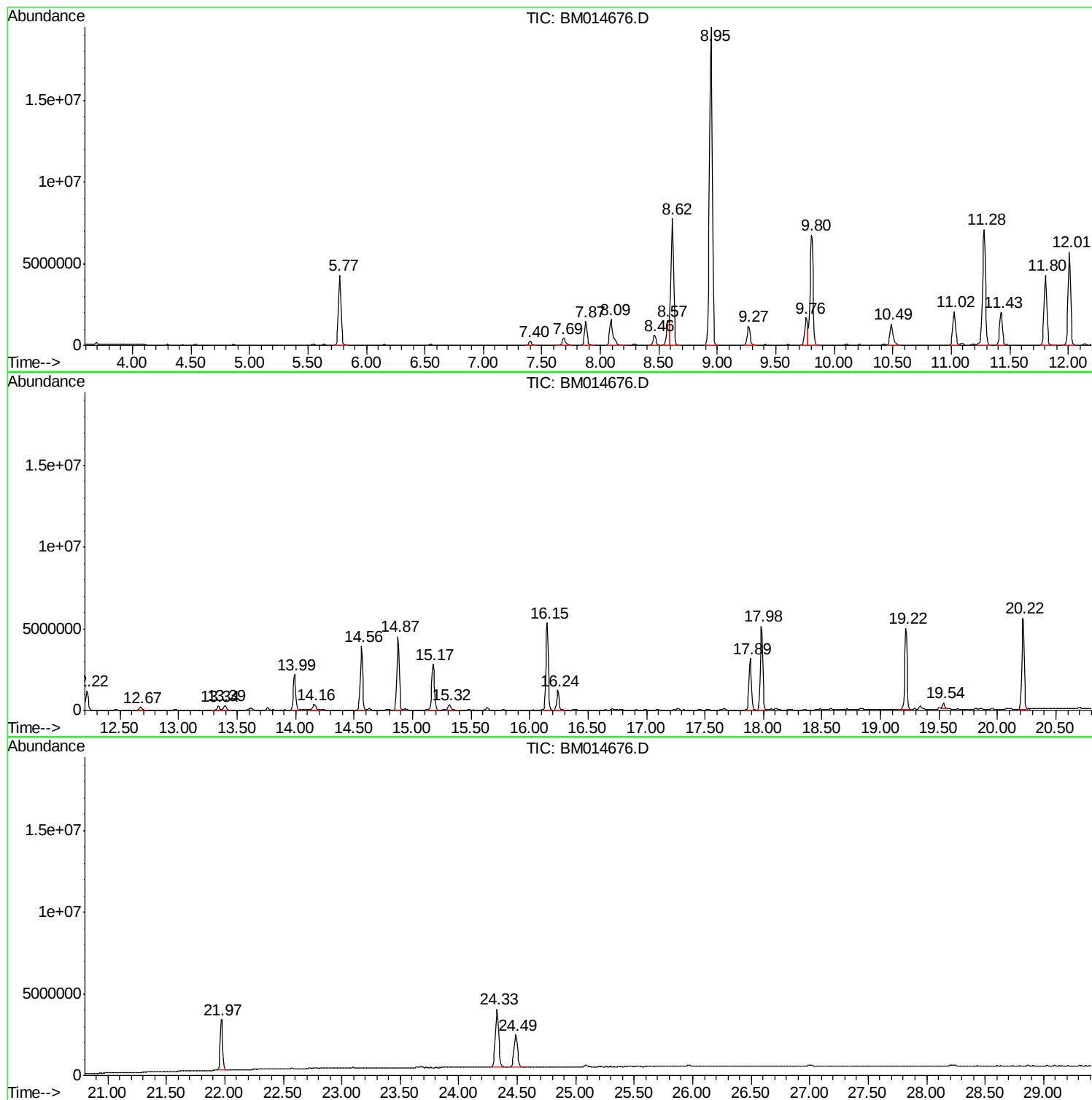
Sum of corrected areas: 194211606

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040618\
Data File : BM014676.D
Acq On : 06 Apr 2018 10:02
Operator : SJ/JU
Sample : J2246-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C05J7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040618\
Data File : BM014676.D
Acq On : 06 Apr 2018 10:02
Operator : SJ/JU
Sample : J2246-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C05J7

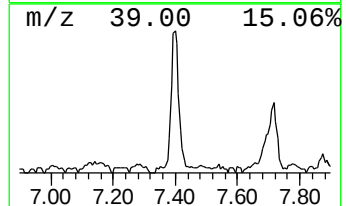
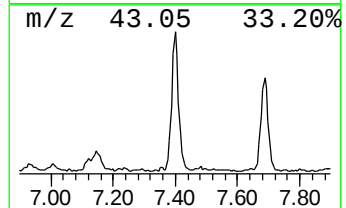
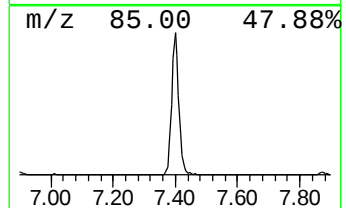
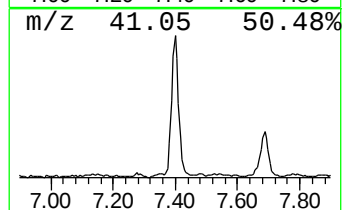
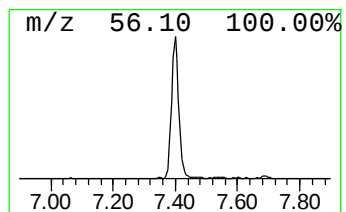
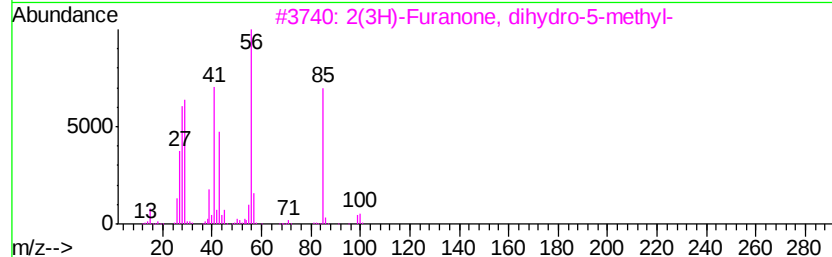
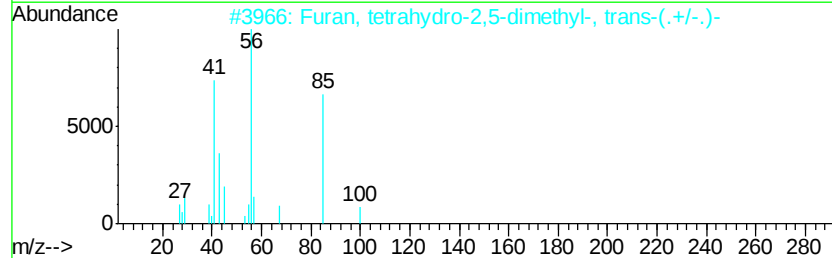
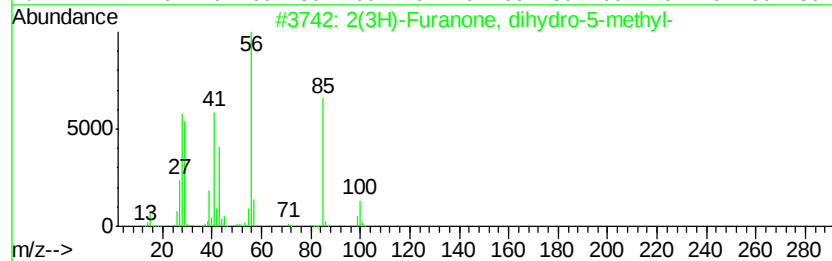
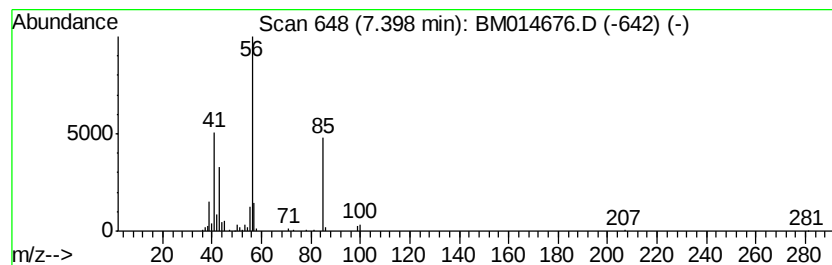
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 2(3H)-Furanone, dihydro-5-m... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	3.06 ng/ul	366684	1,4-Dichlorobenzene-d4	8.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(3H)-Furanone, dihydro-5-methyl-	100	C5H8O2	000108-29-2	90
2		Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O	038484-59-2	72
3		2(3H)-Furanone, dihydro-5-methyl-	100	C5H8O2	000108-29-2	70
4		2(3H)-Furanone, dihydro-5-methyl-	100	C5H8O2	000108-29-2	64
5		Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	56



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040618\
Data File : BM014676.D
Acq On : 06 Apr 2018 10:02
Operator : SJ/JU
Sample : J2246-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C05J7

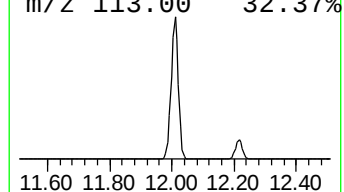
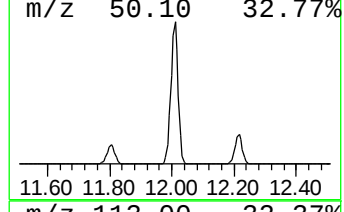
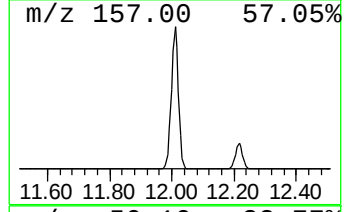
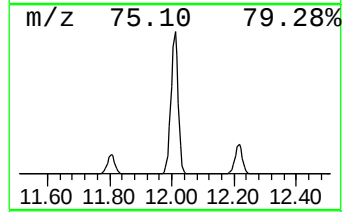
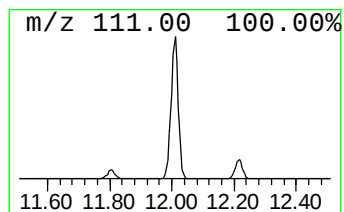
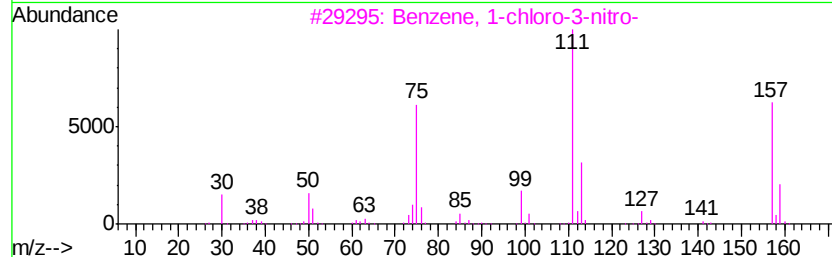
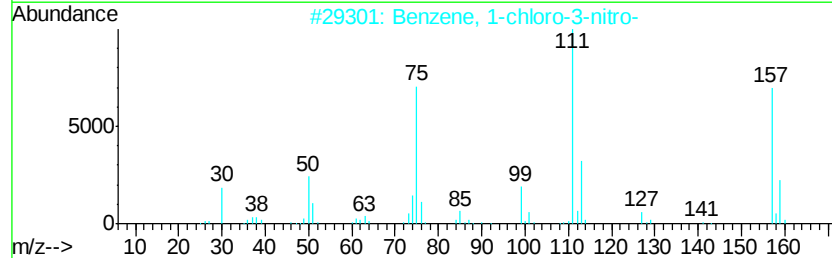
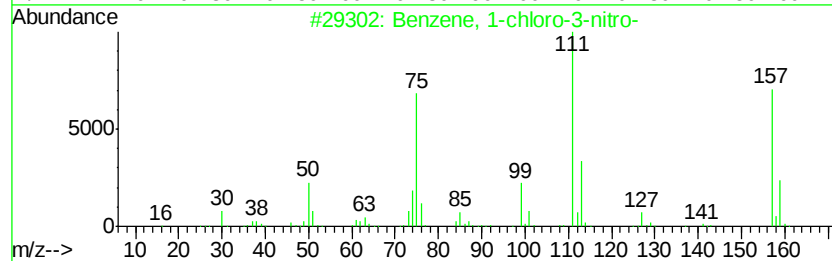
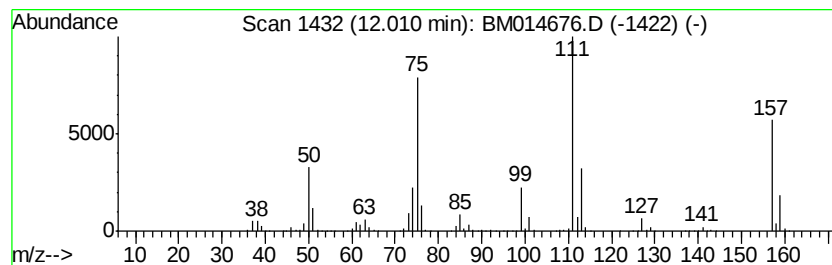
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzene, 1-chloro-3-nitro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	52.63 ng/ul	9301830	Naphthalene-d8	11.43

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	96
3		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	94
4		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
5		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040618\
Data File : BM014676.D
Acq On : 06 Apr 2018 10:02
Operator : SJ/JU
Sample : J2246-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C05J7

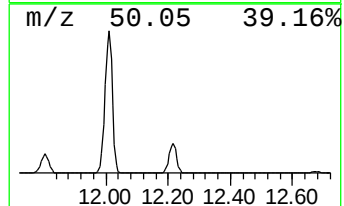
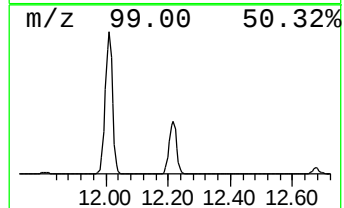
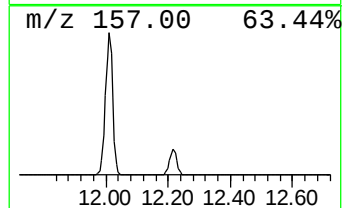
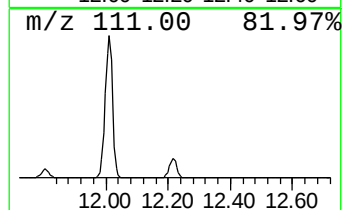
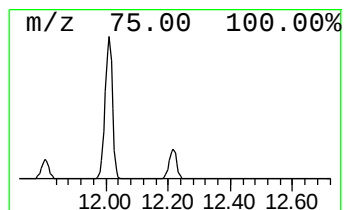
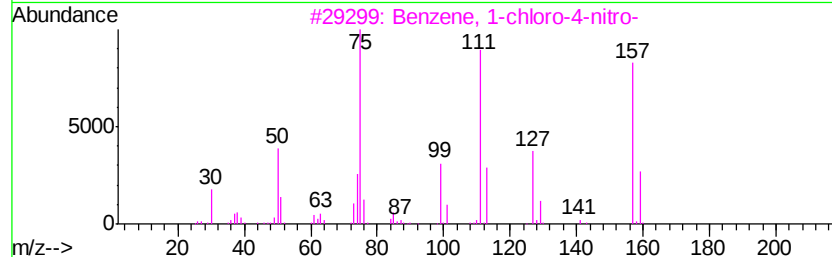
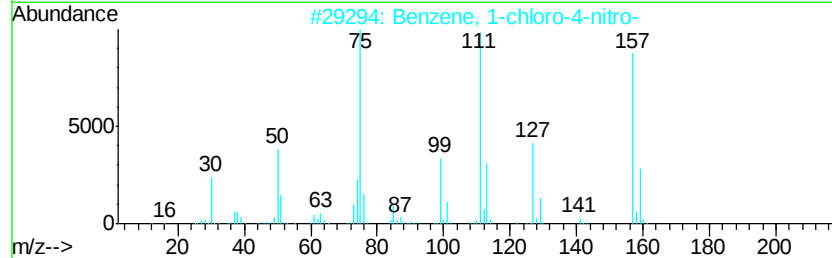
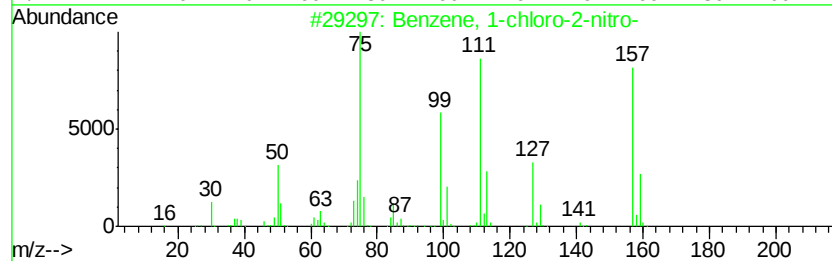
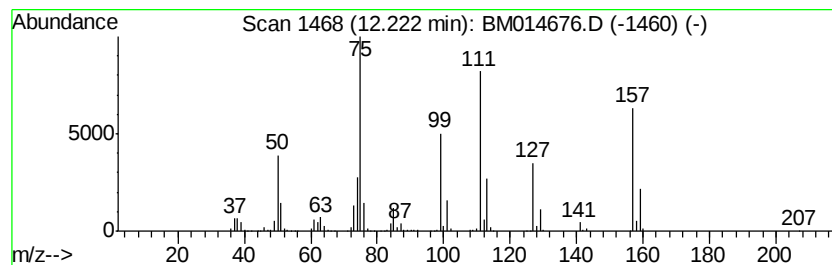
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1-chloro-2-nitro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	11.20 ng/ul	1978470	Naphthalene-d8	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
2		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	97
3		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	97
4		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96
5		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	94



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040618\
Data File : BM014676.D
Acq On : 06 Apr 2018 10:02
Operator : SJ/JU
Sample : J2246-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C05J7

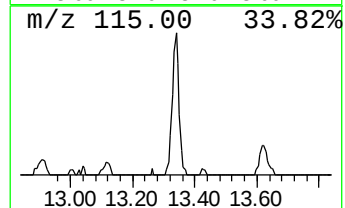
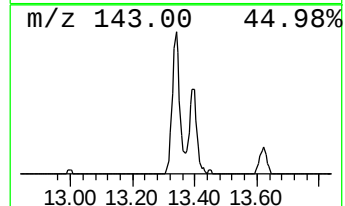
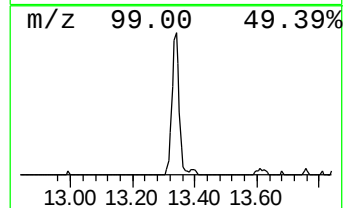
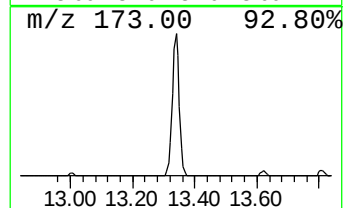
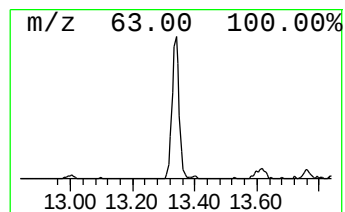
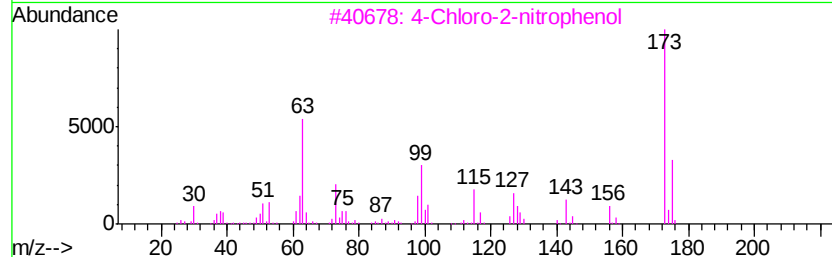
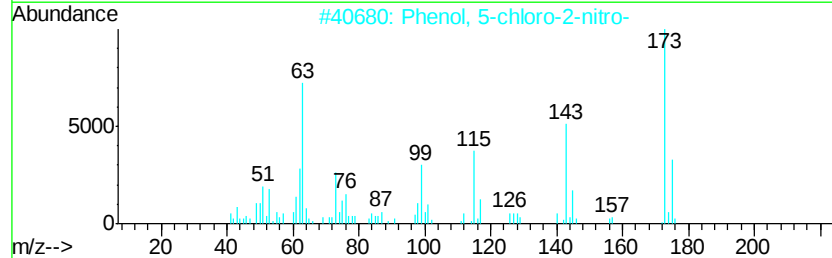
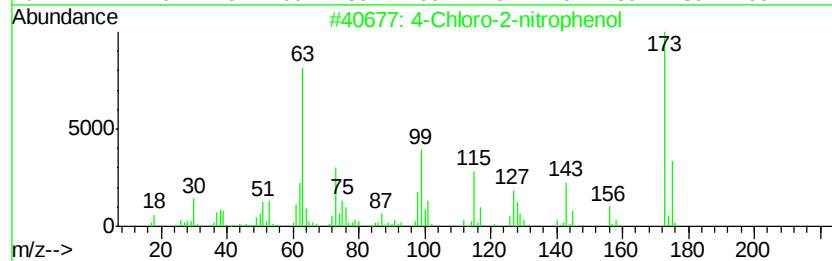
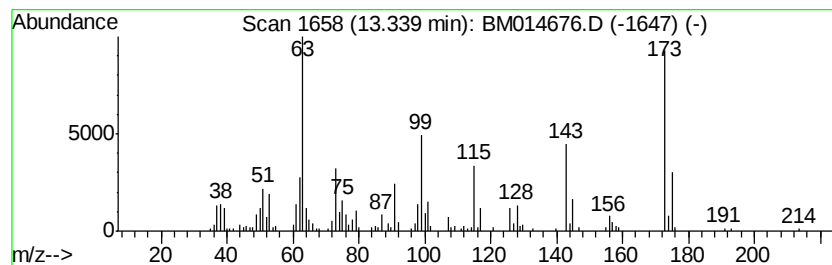
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 4-Chloro-2-nitrophenol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	2.02 ng/ul	453501	Acenaphthene-d10	15.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	91
2		Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	91
3		4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	83
4		4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	83
5		3-Chloro-4-nitrophenol	173	C6H4ClNO3	000491-11-2	46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040618\
Data File : BM014676.D
Acq On : 06 Apr 2018 10:02
Operator : SJ/JU
Sample : J2246-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C05J7

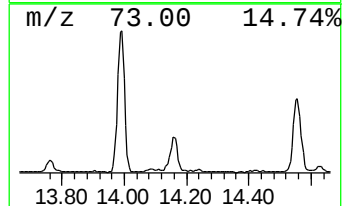
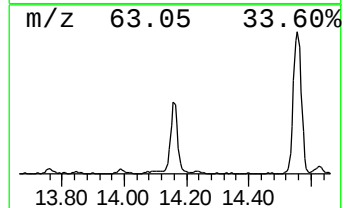
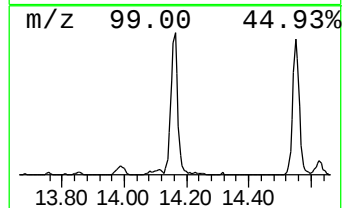
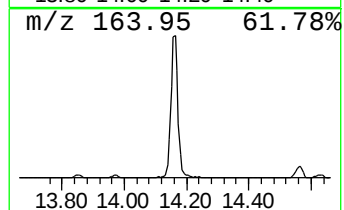
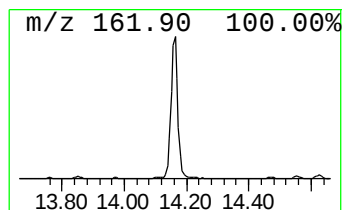
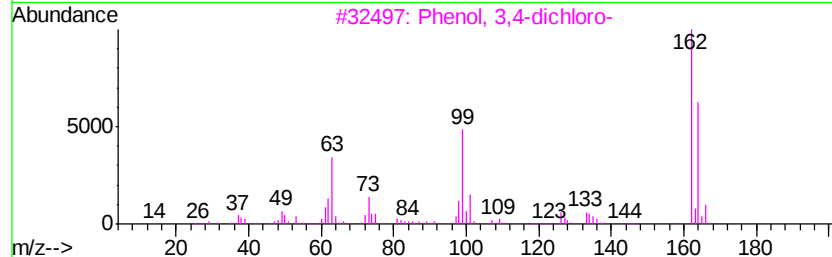
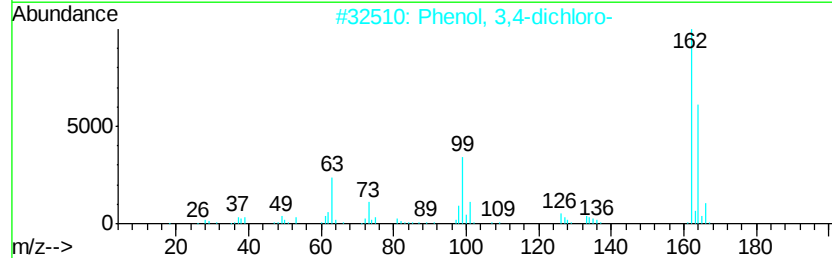
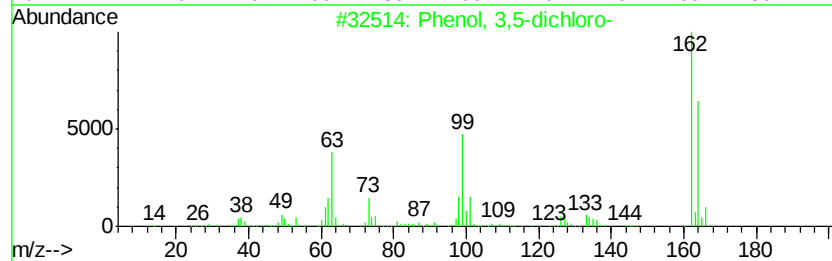
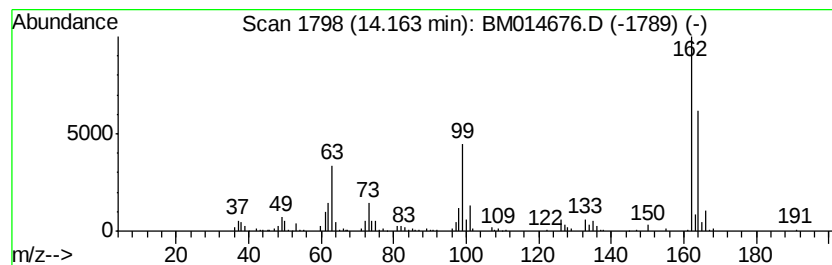
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 Phenol, 3,5-dichloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	3.05 ng/ul	686130	Acenaphthene-d10	15.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dichloro-			162	C6H4Cl2O	000591-35-5	98
2	Phenol, 3,4-dichloro-			162	C6H4Cl2O	000095-77-2	97
3	Phenol, 3,4-dichloro-			162	C6H4Cl2O	000095-77-2	97
4	Phenol, 3,4-dichloro-			162	C6H4Cl2O	000095-77-2	96
5	Phenol, 3,5-dichloro-			162	C6H4Cl2O	000591-35-5	94



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040618\
Data File : BM014676.D
Acq On : 06 Apr 2018 10:02
Operator : SJ/JU
Sample : J2246-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C05J7

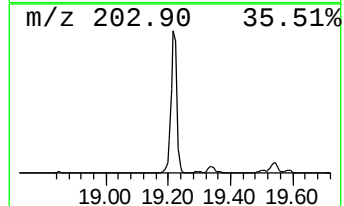
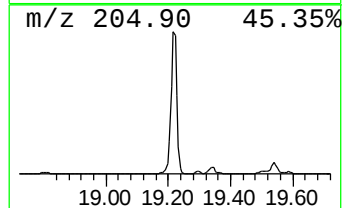
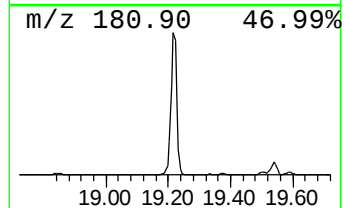
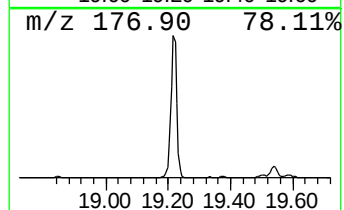
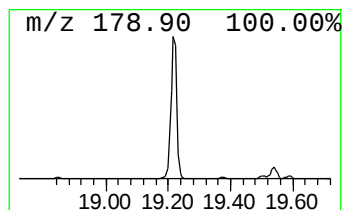
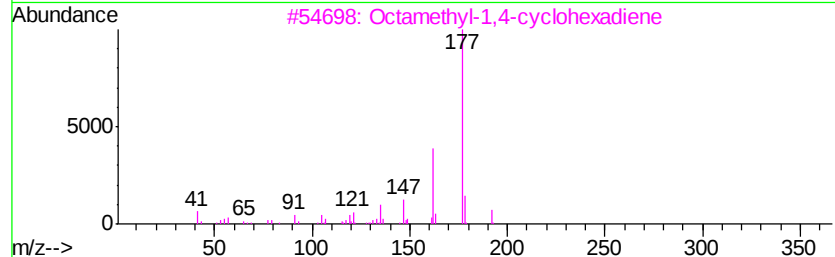
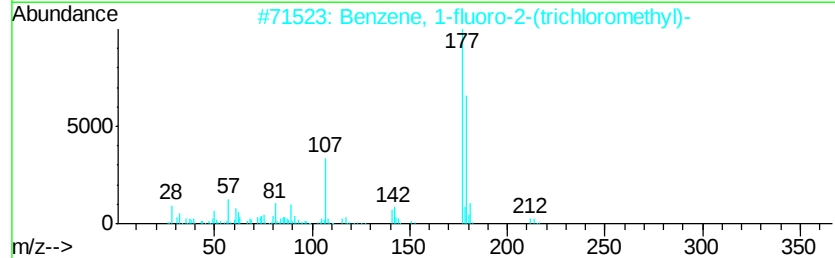
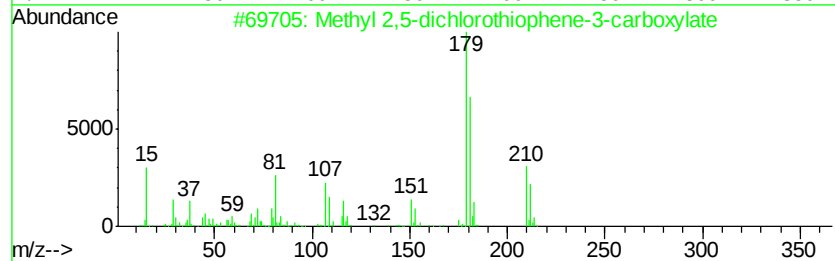
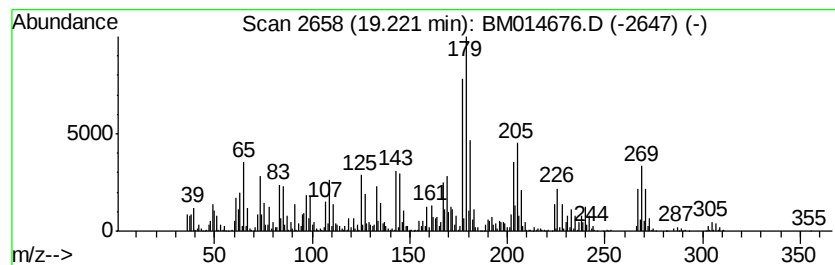
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	29.43 ng/ul	6713880	Phenanthrene-d10	17.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl 2,5-dichlorothiophene-3-c...	210	C6H4Cl2O2S	145129-54-0	27
2		Benzene, 1-fluoro-2-(trichlorome...	212	C7H4Cl3F	000488-98-2	27
3		Octamethyl-1,4-cyclohexadiene	192	C14H24	172684-93-4	25
4		2,4-Dimethoxyphenyl isocyanate	179	C9H9NO3	084370-87-6	15
5		1H-Pyrrolo[3,4-c]pyridine-1,3(2H...	177	C8H7N3O2	090004-20-9	14



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040618\
Data File : BM014676.D
Acq On : 06 Apr 2018 10:02
Operator : SJ/JU
Sample : J2246-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

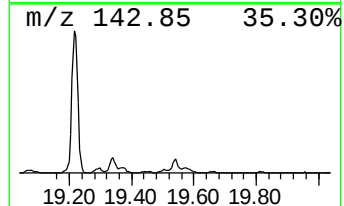
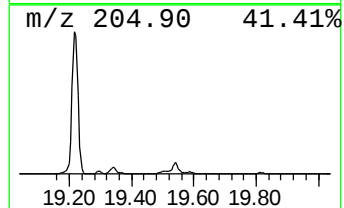
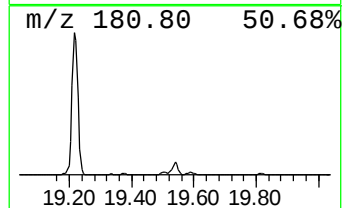
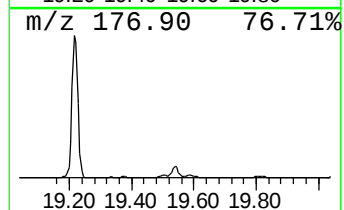
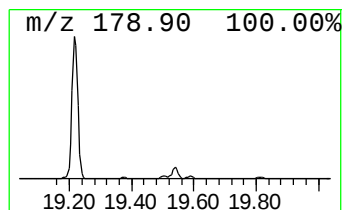
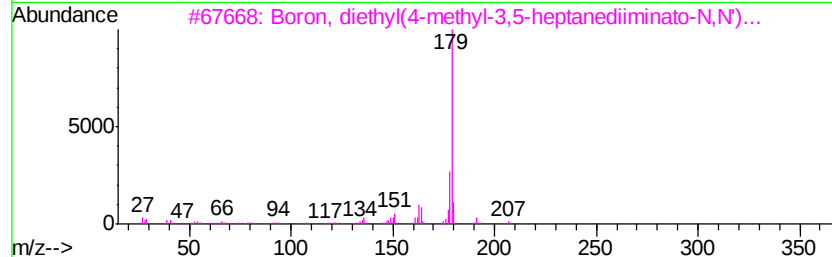
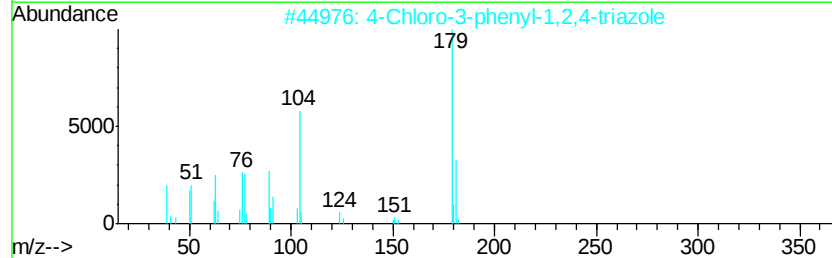
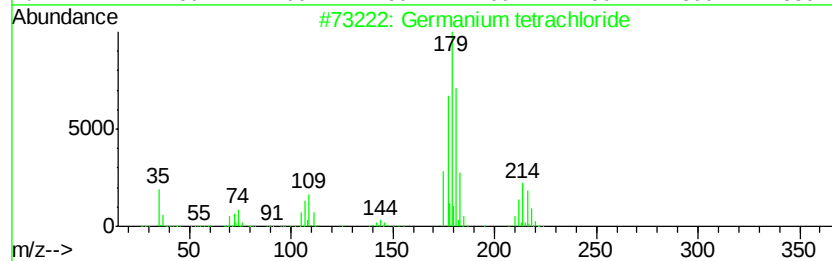
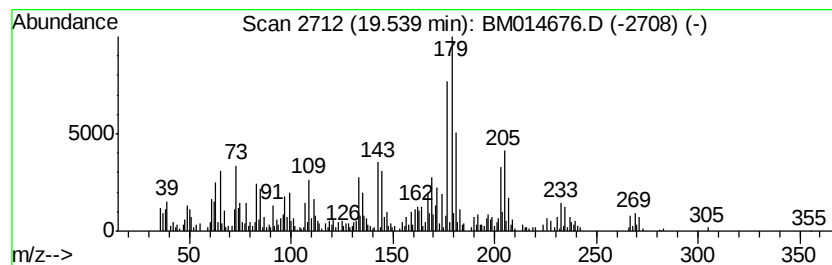
Instrument :
BNA_M
ClientSampleId :
C05J7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	2.02 ng/ul	459836	Phenanthrene-d10	17.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Germanium tetrachloride	214 Cl4Ge	010038-98-9 45
2		4-Chloro-3-phenyl-1,2,4-triazole	179 C8H6ClN3	1000147-16-1 30
3		Boron, diethyl(4-methyl-3,5-hept...	208 C12H25BN2	136705-02-7 15
4		Myclobutanil	288 C15H17ClN4	088671-89-0 14
5		3,4-Methylenedioxyphenyl isothio...	179 C8H5N02S	113504-93-1 14



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040618\
Data File : BM014676.D
Acq On : 06 Apr 2018 10:02
Operator : SJ/JU
Sample : J2246-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C05J7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.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
2(3H)-Furanone, d...	7.40	3.1	ng/ul	366684	1	8.57	2393910	20.0
Benzene, 1-chloro...	12.01	52.6	ng/ul	9301830	2	11.43	3534530	20.0
Benzene, 1-chloro...	12.22	11.2	ng/ul	1978470	2	11.43	3534530	20.0
4-Chloro-2-nitrop...	13.34	2.0	ng/ul	453501	3	15.17	4492130	20.0
Phenol, 3,5-dichl...	14.16	3.0	ng/ul	686130	3	15.17	4492130	20.0
unknown-01	19.22	29.4	ng/ul	6713880	4	17.89	4562310	20.0
unknown-02	19.54	2.0	ng/ul	459836	4	17.89	4562310	20.0