

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
 Data File : BM025808.D
 Acq On : 26 Mar 2020 20:05
 Operator : CG/JU
 Sample : L1968-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0DD3

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.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	4.981	341	356	361	rBV5	68448224	244934443	55.36%	16.981%
2	6.269	568	575	582	rBV	475883	744125	0.17%	0.052%
3	6.934	679	688	697	rBV	363305	819839	0.19%	0.057%
4	7.116	712	719	730	rVB	475393	928989	0.21%	0.064%
5	7.499	769	784	794	rBV2	43701680	143100763	32.34%	9.921%
6	7.681	794	815	816	rBV5	74107520	298530932	67.47%	20.697%
7	8.028	850	874	880	rBV6	74085524	442432950	100.00%	30.674%
8	8.281	911	917	927	rVB	422609	656901	0.15%	0.046%
9	8.716	984	991	994	rBV	673156	1132305	0.26%	0.079%
10	8.763	994	999	1013	rVB	4090789	6574194	1.49%	0.456%
11	9.046	1040	1047	1060	rVB	926078	1501507	0.34%	0.104%
12	9.357	1096	1100	1107	rVV	709487	1157978	0.26%	0.080%
13	9.428	1107	1112	1121	rVV2	579149	1196961	0.27%	0.083%
14	9.963	1196	1203	1213	rBV	802049	1366404	0.31%	0.095%
15	10.251	1236	1252	1257	rBV3	60945805	159434438	36.04%	11.053%
16	10.351	1263	1269	1275	rVB	962114	1405166	0.32%	0.097%
17	10.751	1324	1337	1342	rBV	37390401	74611062	16.86%	5.173%
18	10.946	1360	1370	1380	rBV	9241683	15546355	3.51%	1.078%
19	11.146	1396	1404	1412	rBV	2274190	3719650	0.84%	0.258%
20	11.628	1477	1486	1497	rBV2	250888	499756	0.11%	0.035%
21	12.322	1597	1604	1610	rBV2	496720	1008758	0.23%	0.070%
22	12.381	1610	1614	1622	rVB	1131792	1698118	0.38%	0.118%
23	12.769	1674	1680	1688	rVB	615311	902719	0.20%	0.063%
24	12.998	1711	1719	1727	rBV	3223546	4909914	1.11%	0.340%
25	13.592	1814	1820	1822	rBV	662426	964626	0.22%	0.067%
26	13.622	1822	1825	1829	rVV	1627013	2166023	0.49%	0.150%
27	13.669	1829	1833	1840	rVB	349569	499294	0.11%	0.035%
28	13.892	1864	1871	1880	rVB	1916407	2697615	0.61%	0.187%
29	14.204	1918	1924	1935	rBV	1329769	1934745	0.44%	0.134%
30	15.204	2088	2094	2099	rBV	2420112	3386103	0.77%	0.235%
31	15.328	2109	2115	2125	rVB	750419	1049692	0.24%	0.073%
32	16.951	2385	2391	2397	rBV	1607871	2181868	0.49%	0.151%
33	17.051	2402	2408	2419	rVB	2541629	3591624	0.81%	0.249%
34	19.345	2791	2798	2805	rBV	3063346	4255448	0.96%	0.295%

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ClientSampleId :
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Integration Parameters: LSCINT.P

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35	20.886	3056	3060	3067	rBV	379109	489012	0.11%	0.034%
36	21.145	3099	3104	3109	rBV	2224209	2645958	0.60%	0.183%
37	23.162	3440	3447	3454	rBV	2858085	4850718	1.10%	0.336%
38	23.292	3463	3469	3477	rVB	1625785	2863798	0.65%	0.199%

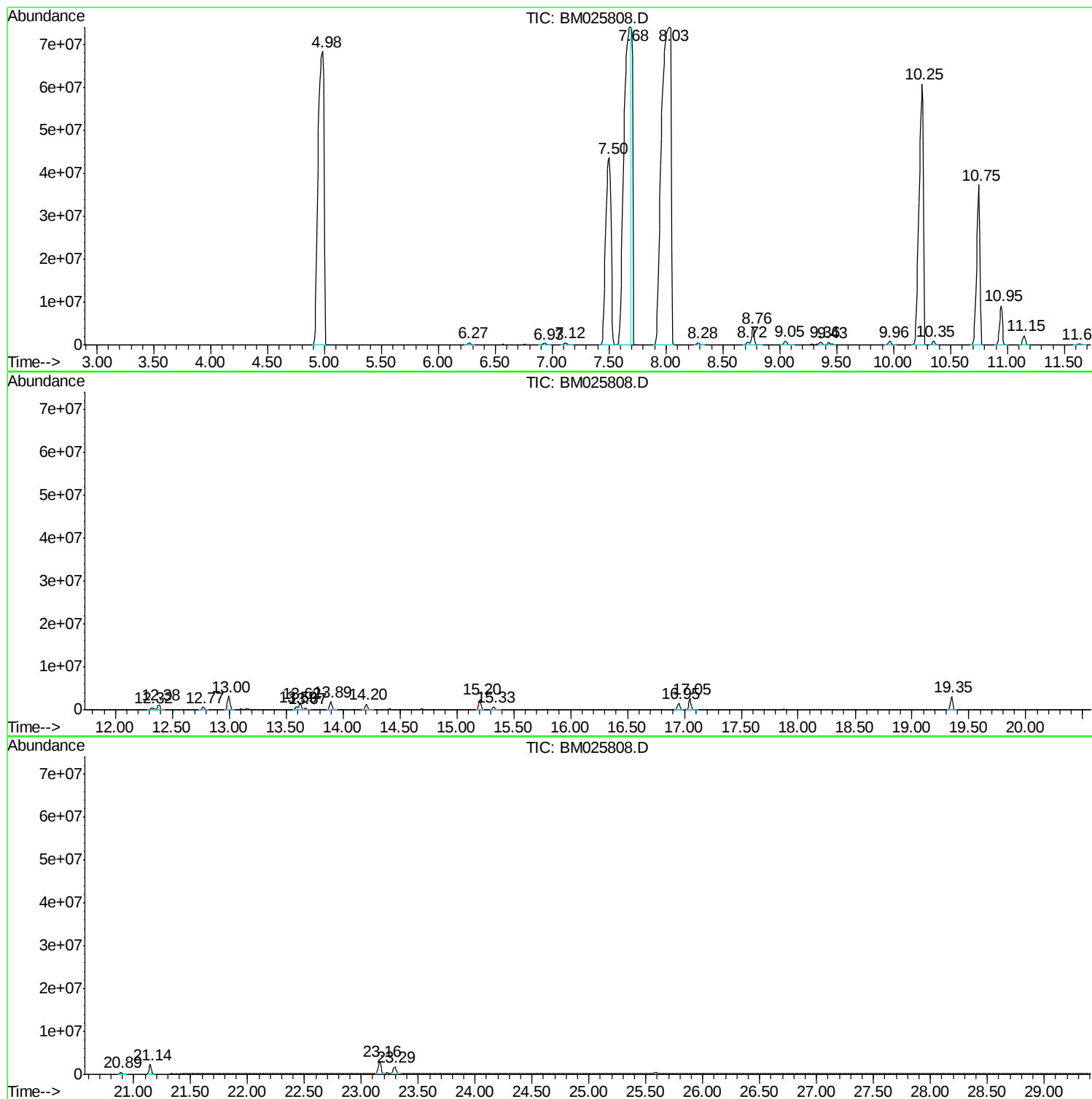
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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



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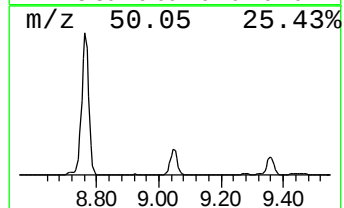
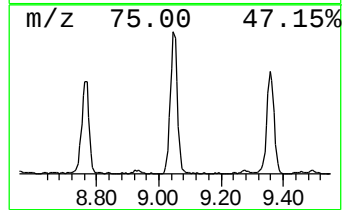
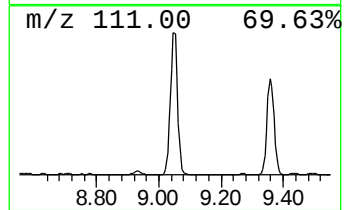
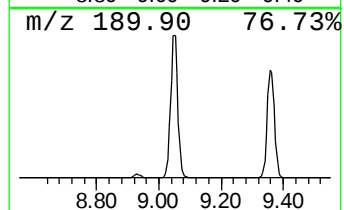
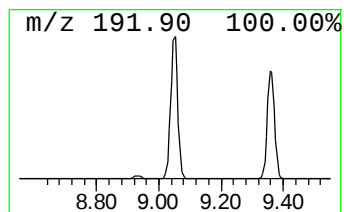
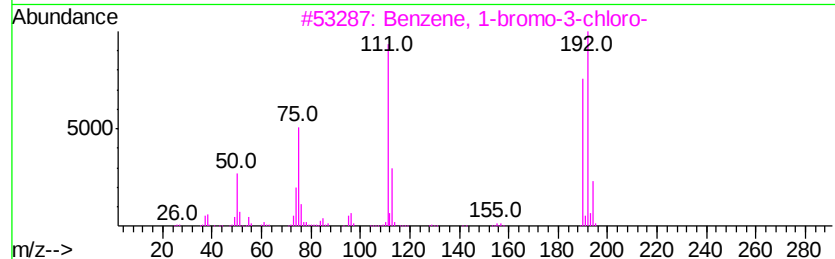
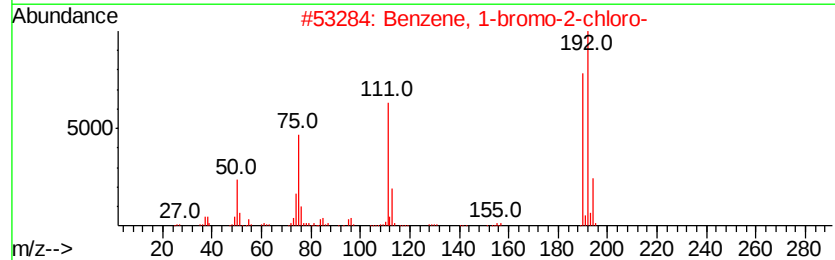
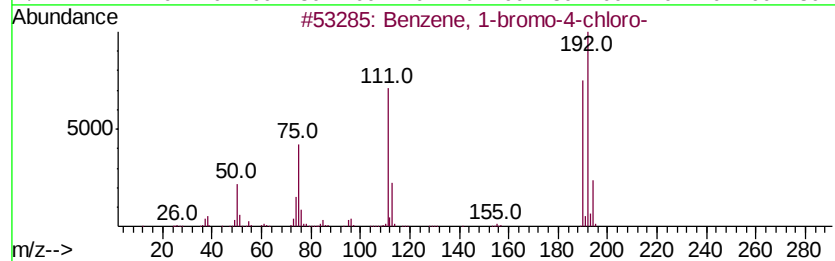
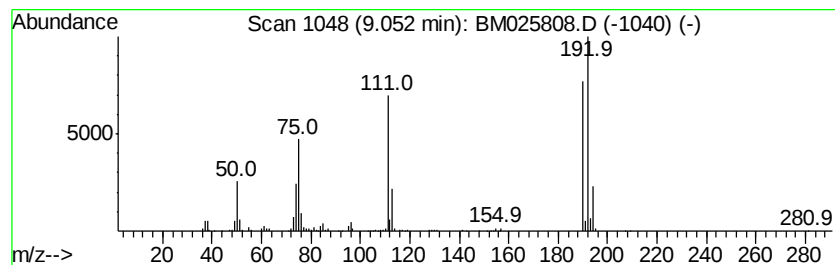
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
9.05	21.37 ng/ul	1501510	Naphthalene-d8	10.35

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



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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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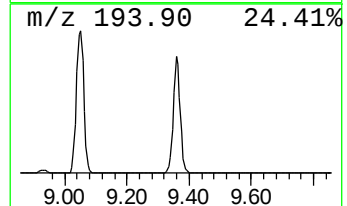
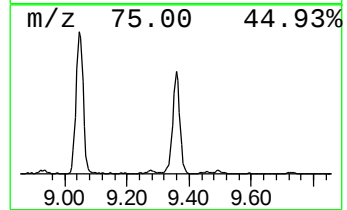
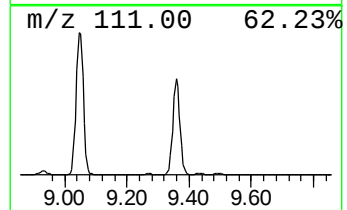
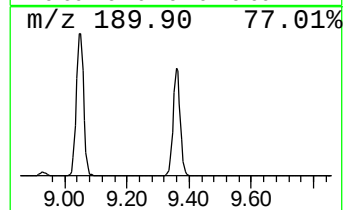
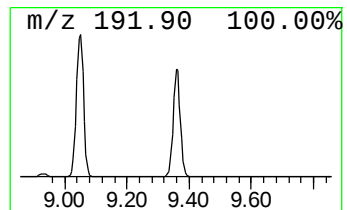
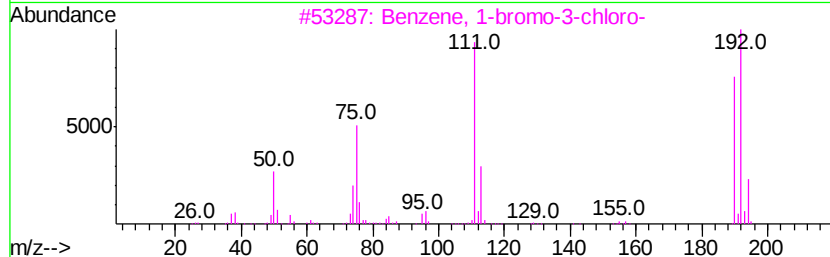
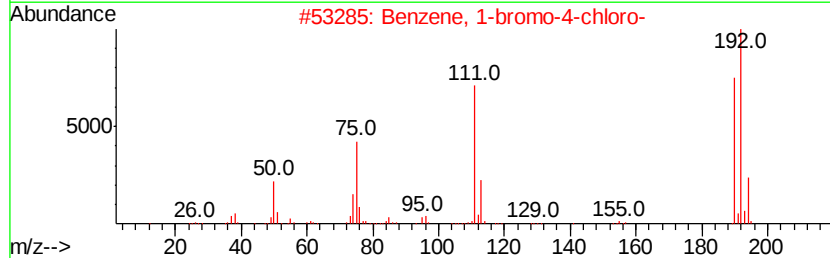
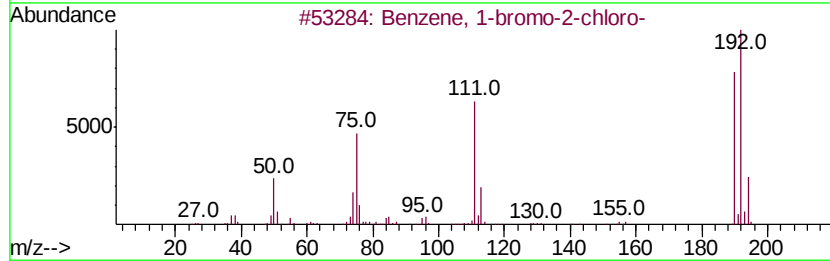
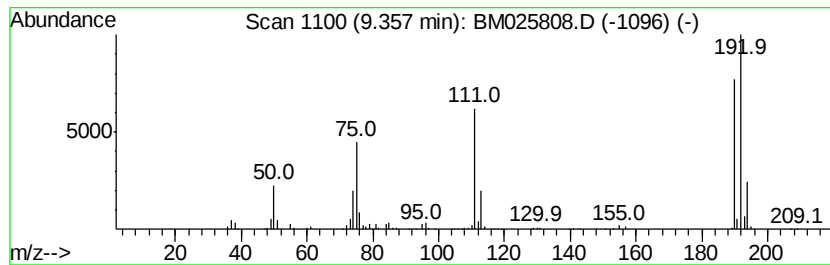
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1-bromo-2-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	16.48 ng/ul	1157980	Napthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	99
2		Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
3		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
4		Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	95
5		Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	94



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ALS Vial : 8 Sample Multiplier: 1

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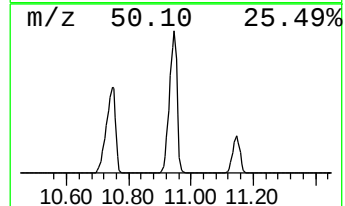
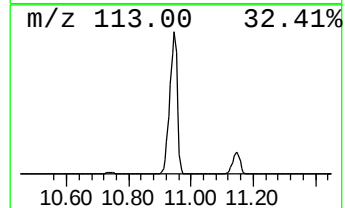
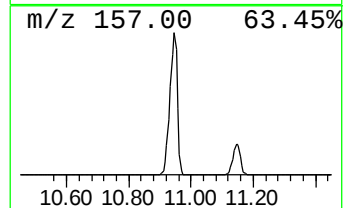
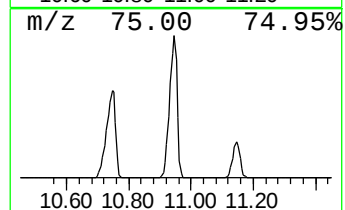
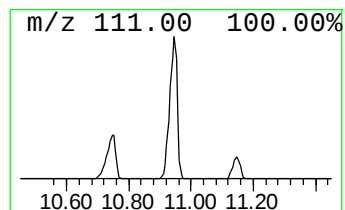
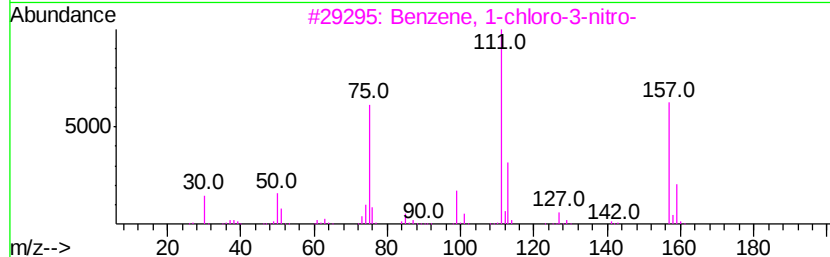
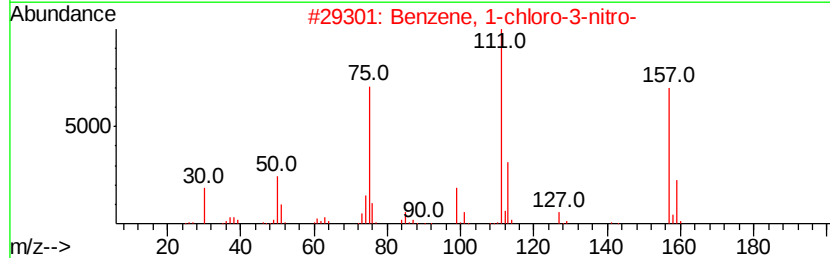
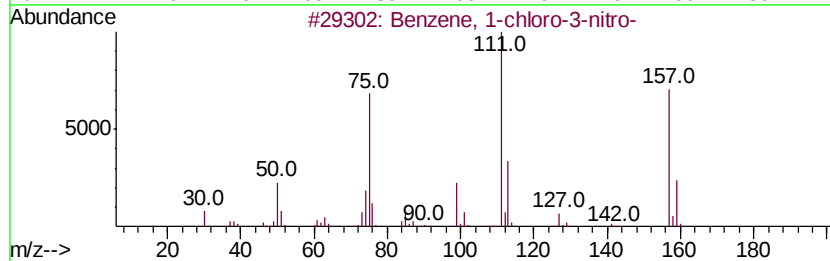
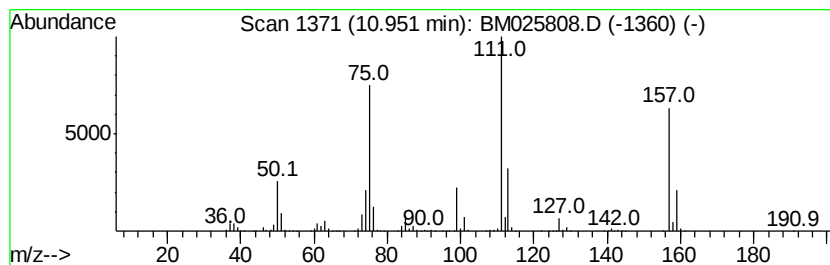
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	221.27 ng/ul	15546400	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	98
2		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
3		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
4		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
5		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91



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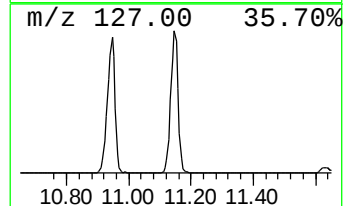
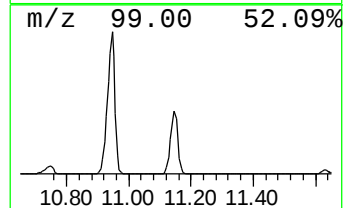
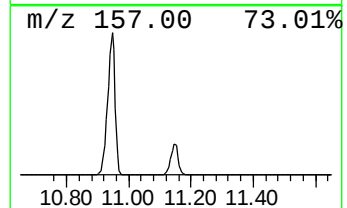
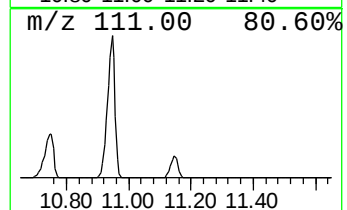
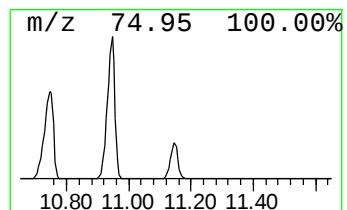
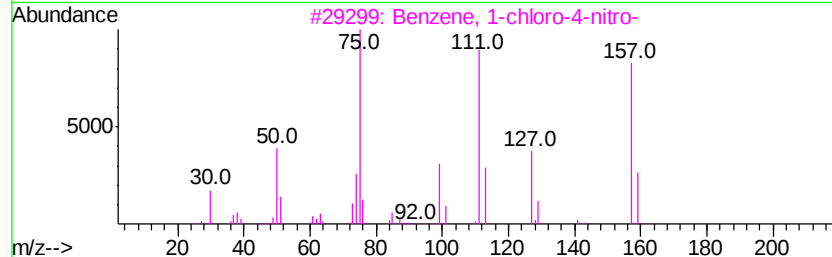
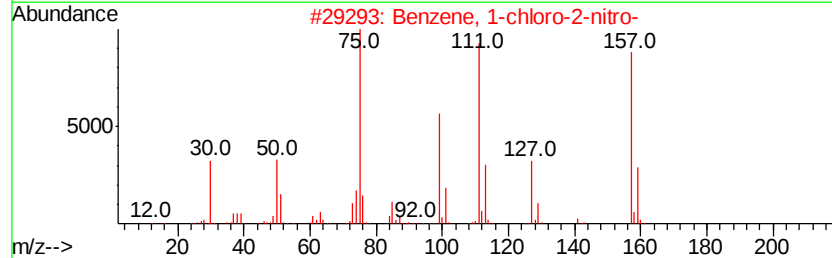
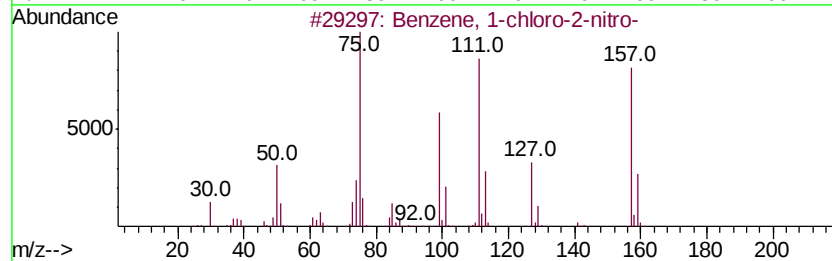
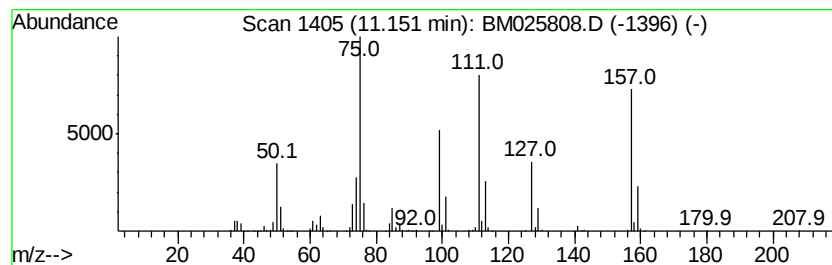
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Peak Number 9 Benzene, 1-chloro-2-nitro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	52.94 ng/ul	3719650	Napthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	99
2		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
3		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	98
4		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
5		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	97



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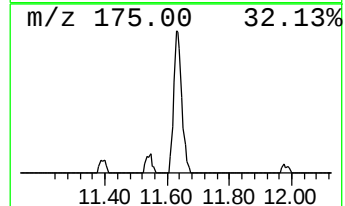
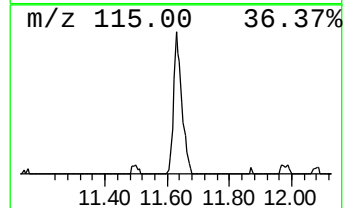
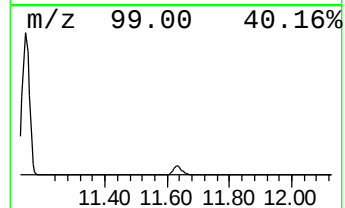
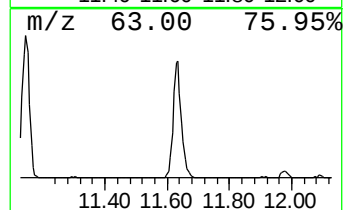
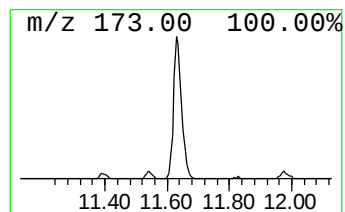
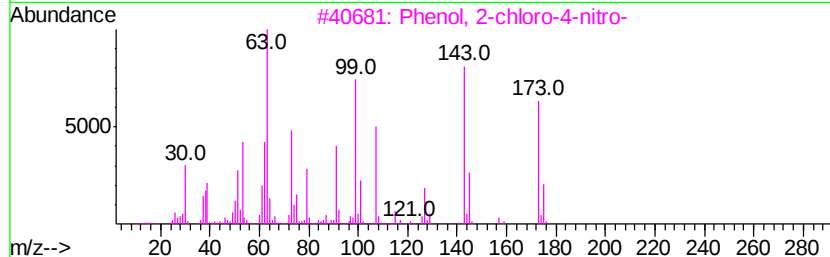
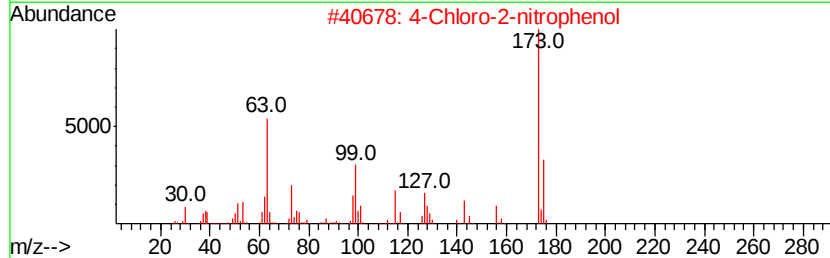
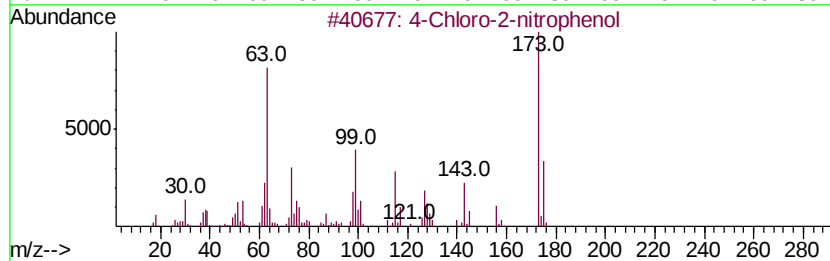
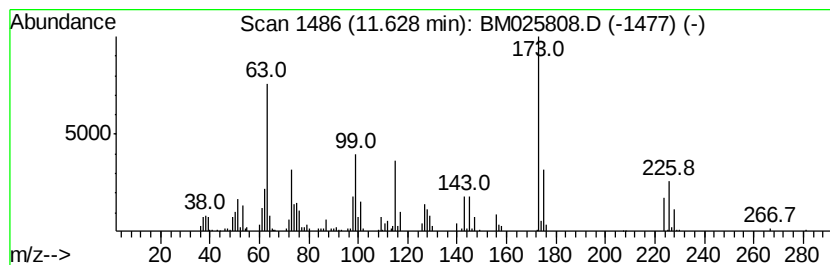
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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

Peak Number 10 4-Chloro-2-nitrophenol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	7.11 ng/ul	499756	Naphthalene-d8	10.35

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	93
3			Phenol, 2-chloro-4-nitro-	173	C6H4ClNO3	000619-08-9	83
4			Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	64
5			Propane, 1,1,2-trichloro-	146	C3H5Cl3	000598-77-6	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
Data File : BM025808.D
Acq On : 26 Mar 2020 20:05
Operator : CG/JU
Sample : L1968-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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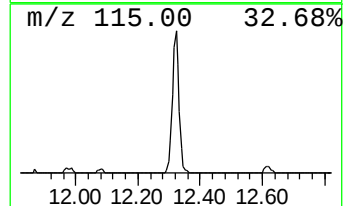
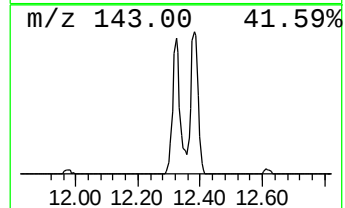
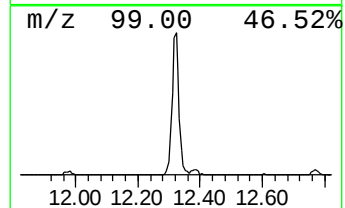
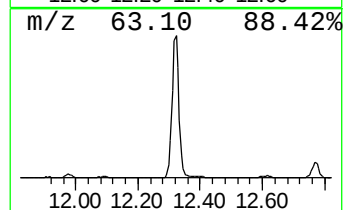
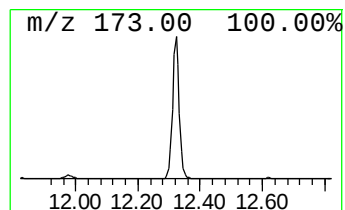
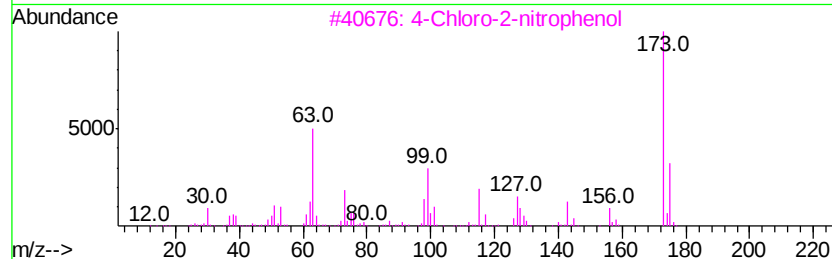
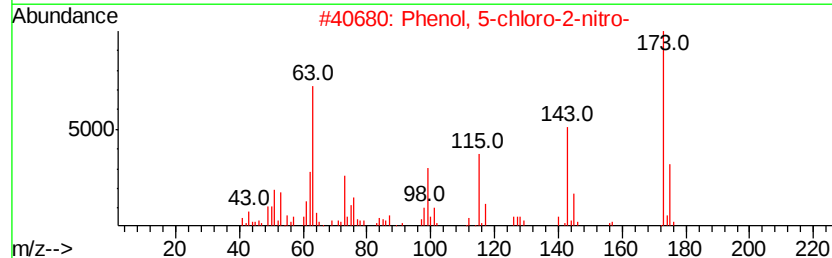
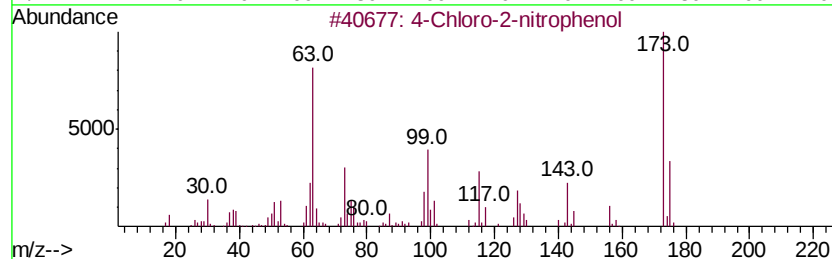
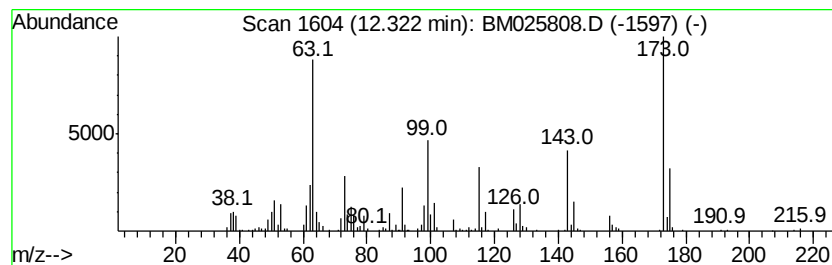
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Phenol, 5-chloro-2-nitro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	10.43 ng/ul	1008760	Acenaphthene-d10	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	93
2		Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	86
3		4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	83
4		4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	80
5		Phenol, 2-chloro-4-nitro-	173	C6H4ClNO3	000619-08-9	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
Data File : BM025808.D
Acq On : 26 Mar 2020 20:05
Operator : CG/JU
Sample : L1968-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0DD3

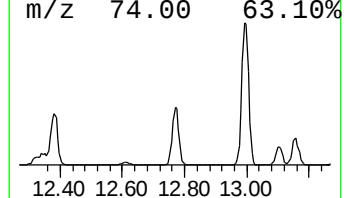
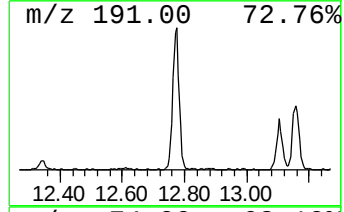
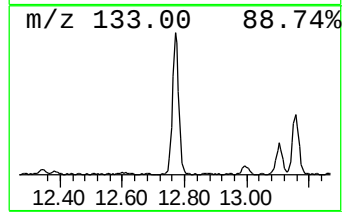
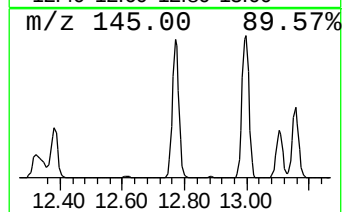
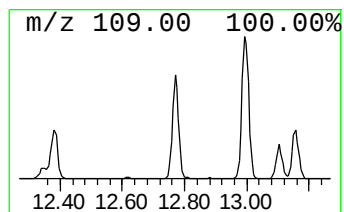
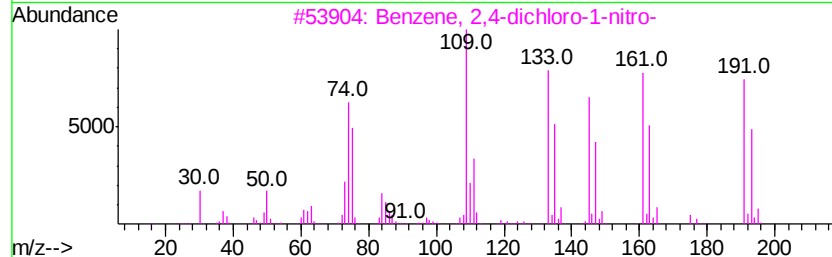
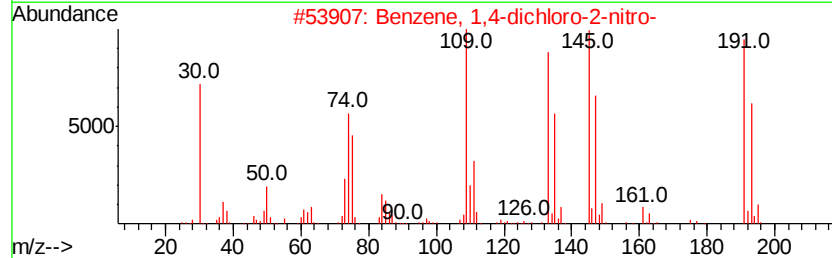
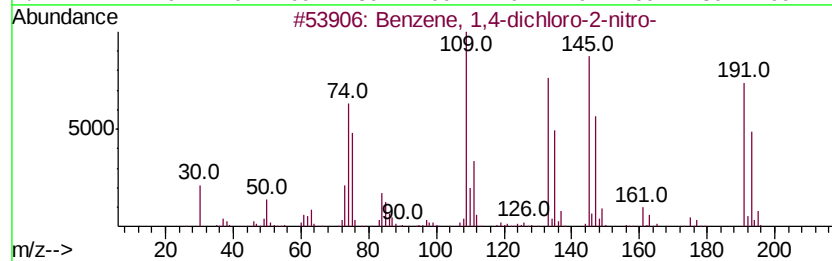
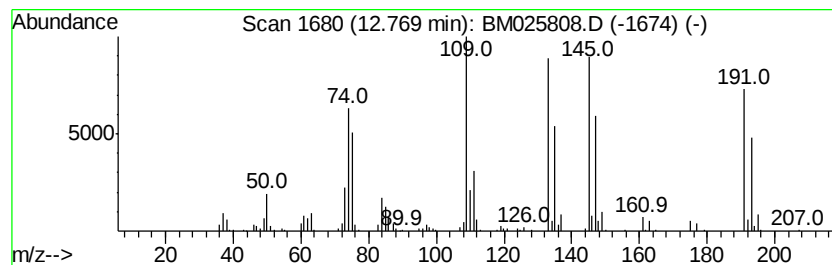
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Benzene, 1,4-dichloro-2-nitro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	9.33 ng/ul	902719	Acenaphthene-d10	14.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-dichloro-2-nitro-	191	C6H3Cl2NO2	000089-61-2	99
2			Benzene, 1,4-dichloro-2-nitro-	191	C6H3Cl2NO2	000089-61-2	96
3			Benzene, 2,4-dichloro-1-nitro-	191	C6H3Cl2NO2	000611-06-3	95
4			Benzene, 1,4-dichloro-2-nitro-	191	C6H3Cl2NO2	000089-61-2	95
5			Benzene, 1,2-dichloro-3-nitro-	191	C6H3Cl2NO2	003209-22-1	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
Data File : BM025808.D
Acq On : 26 Mar 2020 20:05
Operator : CG/JU
Sample : L1968-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0DD3

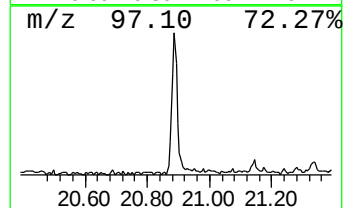
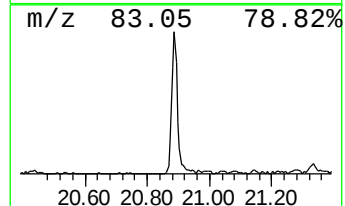
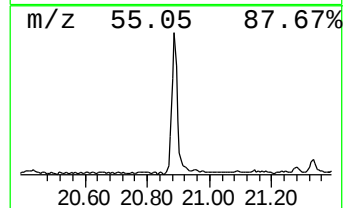
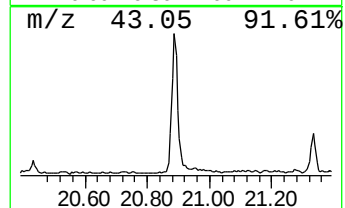
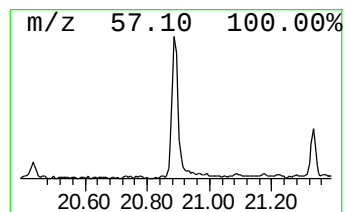
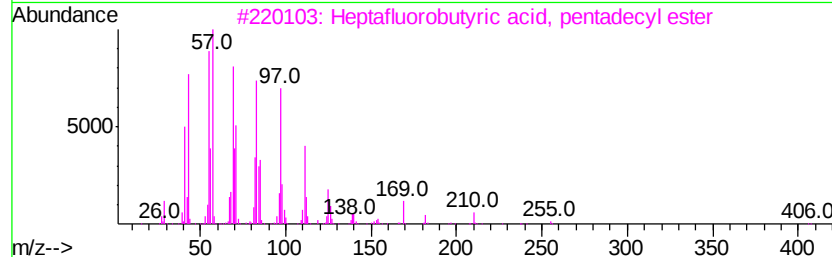
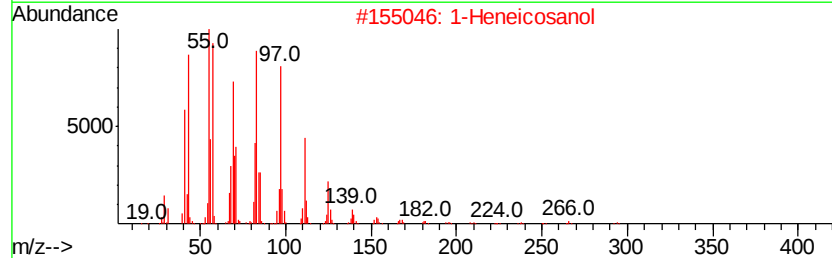
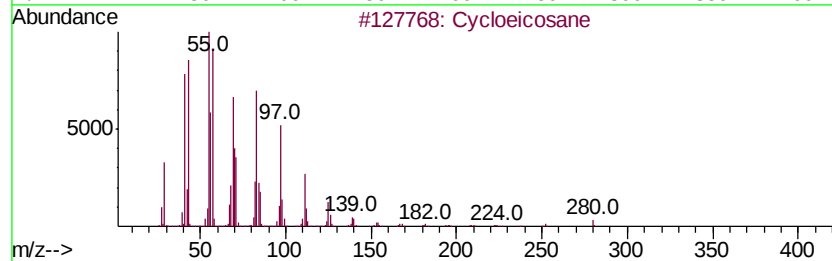
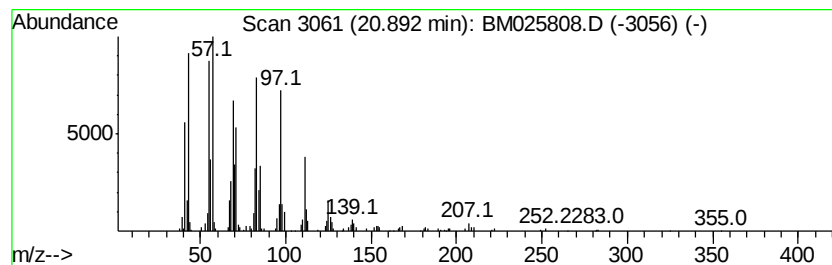
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Cyclic20.89 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	3.70 ng/ul	489012	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloeicosane	280	C20H40	000296-56-0	98
2		1-Heneicosanol	312	C21H44O	015594-90-8	95
3		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032620\
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Acq On : 26 Mar 2020 20:05
Operator : CG/JU
Sample : L1968-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0DD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.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
Benzene, 1-bromo-...	9.05	21.4	ng/ul	1501510	2	10.35	1405170	20.0
Benzene, 1-bromo-...	9.36	16.5	ng/ul	1157980	2	10.35	1405170	20.0
Benzene, 1-chloro...	10.95	221.3	ng/ul	15546400	2	10.35	1405170	20.0
Benzene, 1-chloro...	11.15	52.9	ng/ul	3719650	2	10.35	1405170	20.0
4-Chloro-2-nitrop...	11.63	7.1	ng/ul	499756	2	10.35	1405170	20.0
Phenol, 5-chloro-...	12.32	10.4	ng/ul	1008760	3	14.20	1934750	20.0
Benzene, 1,4-dich...	12.77	9.3	ng/ul	902719	3	14.20	1934750	20.0
(DEL) Alkane: Cyc...	20.89	3.7	ng/ul	489012	5	21.14	2645960	20.0