

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
 Data File : BG062002.D
 Acq On : 10 Jul 2024 17:18
 Operator : MA/JU
 Sample : P3108-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0SW0

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 >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG062002.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.456	350	369	373	rBV	25646438	97282184	86.56%	24.061%
2	7.254	668	675	686	rBV2	154747	345267	0.31%	0.085%
3	7.430	696	705	713	rBV	223633	436186	0.39%	0.108%
4	7.636	732	740	752	rBV	336694	693886	0.62%	0.172%
5	8.006	792	803	814	rBV	6360045	15192843	13.52%	3.758%
6	8.206	814	837	841	rBV	25328362	93784762	83.45%	23.196%
7	8.547	873	895	900	rBV2	25709370	112383590	100.00%	27.796%
8	8.805	932	939	947	rVB	354391	598485	0.53%	0.148%
9	9.269	1009	1018	1022	rBV	404697	785391	0.70%	0.194%
10	9.316	1022	1026	1034	rVB	687643	1126490	1.00%	0.279%
11	9.604	1068	1075	1085	rVB2	172694	316275	0.28%	0.078%
12	9.916	1123	1128	1134	rVB3	94016	186911	0.17%	0.046%
13	9.992	1134	1141	1148	rBV	397201	750360	0.67%	0.186%
14	10.539	1225	1234	1241	rBV	471023	917483	0.82%	0.227%
15	10.815	1266	1281	1287	rVB	17975127	46379294	41.27%	11.471%
16	10.926	1294	1300	1306	rBV	344875	576328	0.51%	0.143%
17	11.314	1355	1366	1373	rVB	5741543	11136521	9.91%	2.754%
18	11.514	1392	1400	1407	rBV	400892	718985	0.64%	0.178%
19	11.725	1428	1436	1442	rBV3	162756	301656	0.27%	0.075%
20	12.190	1508	1515	1525	rVB4	60300	116795	0.10%	0.029%
21	12.918	1634	1639	1647	rVB	696355	1120824	1.00%	0.277%
22	13.523	1734	1742	1749	rBV	1815789	2880474	2.56%	0.712%
23	14.123	1832	1844	1850	rBV	941791	1447743	1.29%	0.358%
24	14.416	1887	1894	1904	rVB	754629	1202492	1.07%	0.297%
25	14.716	1937	1945	1955	rVB	498273	795619	0.71%	0.197%
26	14.916	1972	1979	1988	rBV	202050	341555	0.30%	0.084%
27	15.709	2107	2114	2118	rBV	1211426	1856167	1.65%	0.459%
28	15.744	2118	2120	2126	rVV	279274	342117	0.30%	0.085%
29	15.821	2126	2133	2145	rVB	484105	727029	0.65%	0.180%
30	17.460	2404	2412	2418	rBV	602102	915978	0.82%	0.227%
31	17.560	2422	2429	2436	rBV	1203148	1827493	1.63%	0.452%
32	18.823	2637	2644	2650	rBV2	147874	222400	0.20%	0.055%
33	19.839	2810	2817	2824	rVB	1368852	2004867	1.78%	0.496%
34	21.720	3131	3137	3143	rVB	573772	920680	0.82%	0.228%
35	21.831	3151	3156	3161	rBV	134457	199188	0.18%	0.049%
36	24.740	3640	3651	3662	rBV	708350	2045272	1.82%	0.506%

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ClientSampleId :
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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 >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Title : SVOA CALIBRATION

37	24.963	3679	3689	3703	rVB2	389132	1120364	1.00%	0.277%
38	25.456	3764	3773	3780	rBV2	116057	311411	0.28%	0.077%

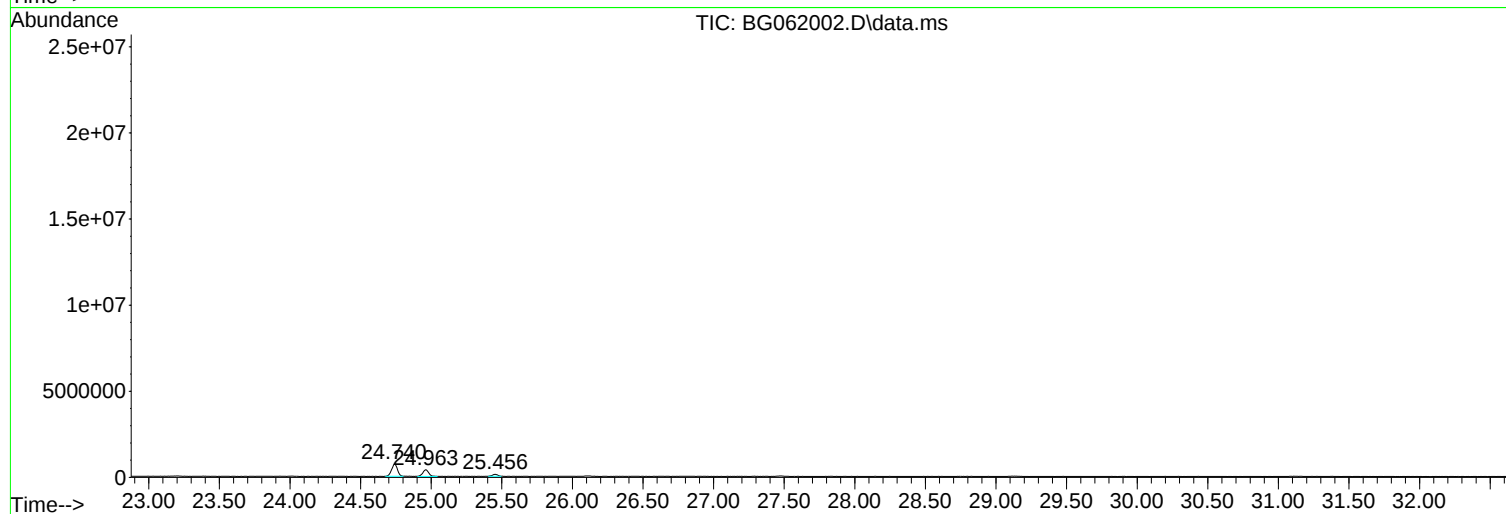
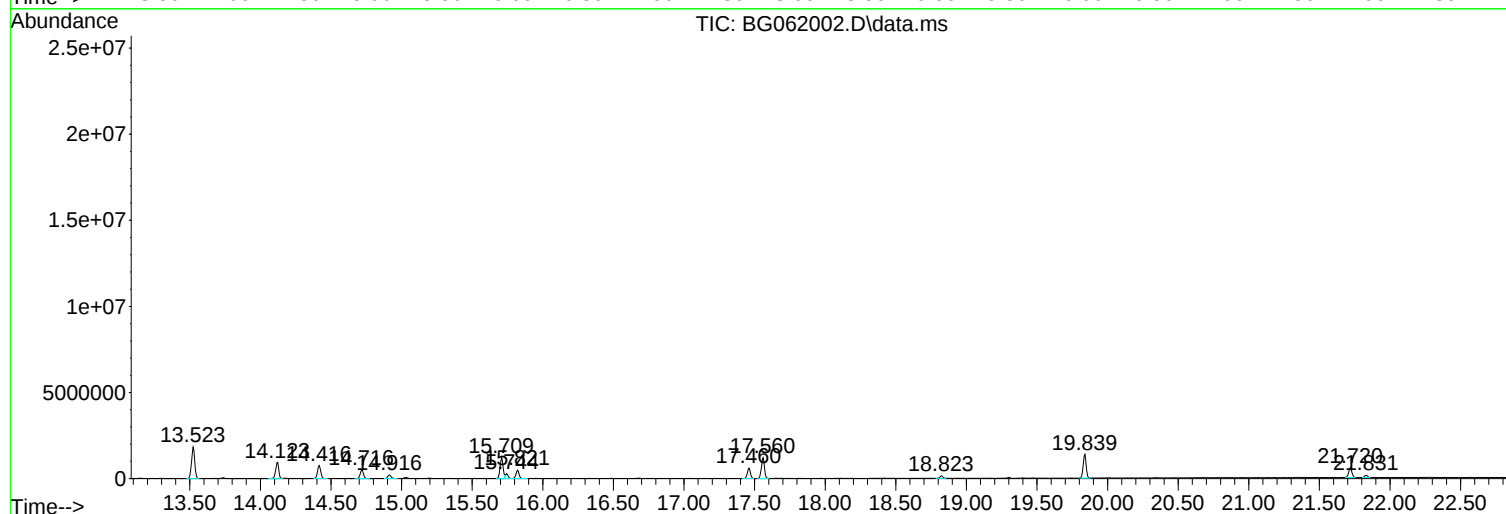
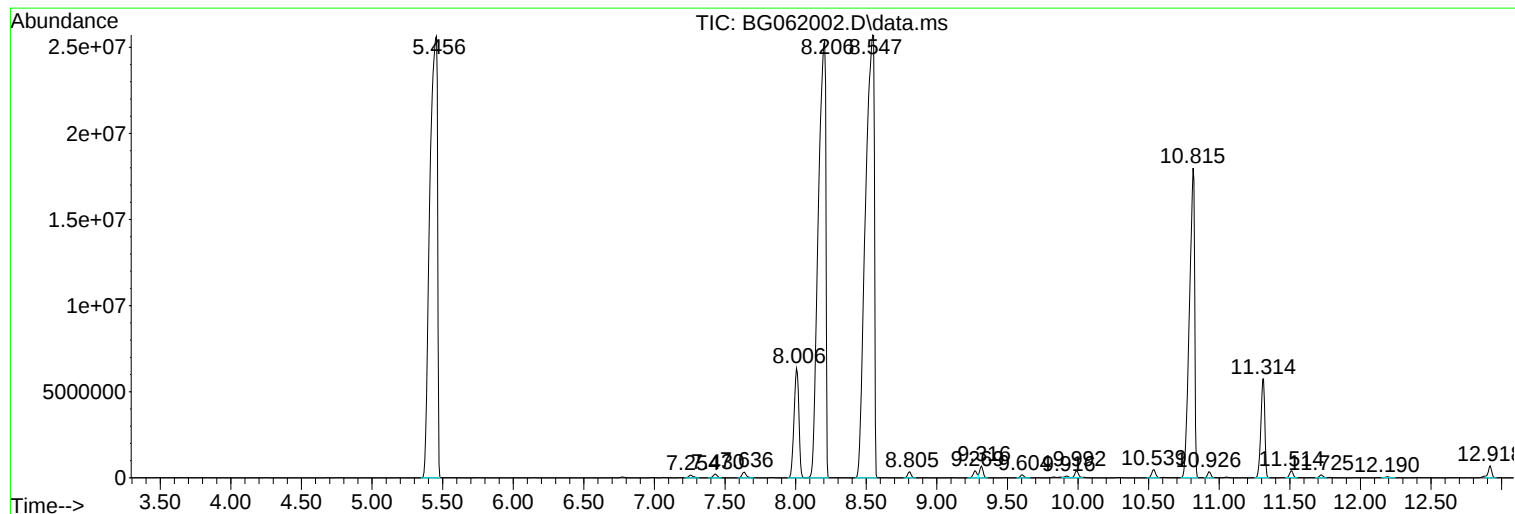
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Instrument :
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ClientSampleId :
C0SW0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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Operator : MA/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C0SW0

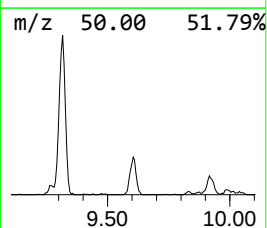
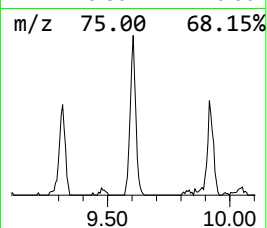
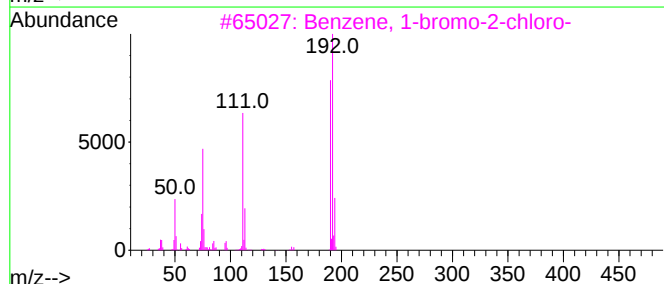
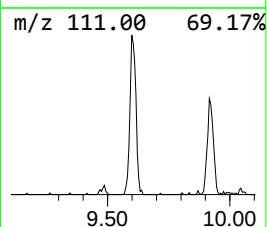
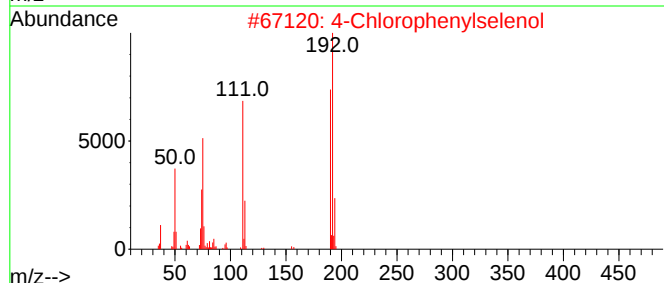
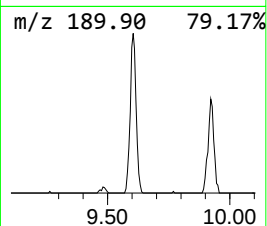
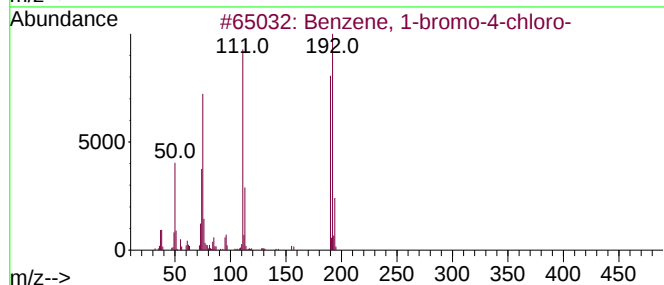
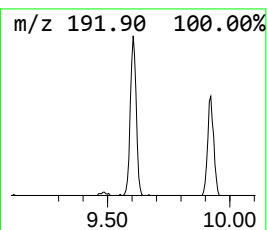
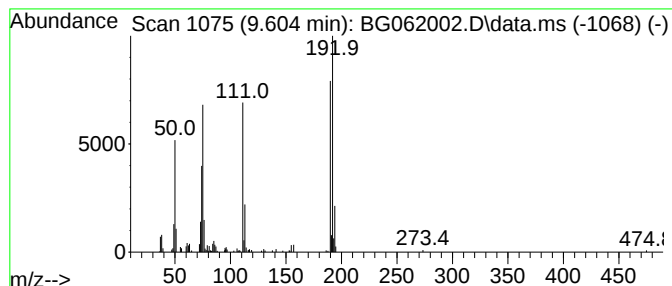
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-bromo-4-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.604	10.98 ng/ul	316275	Naphthalene-d8	10.932

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
2			4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	95
3			Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	94
4			Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	94
5			Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	94



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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0SW0

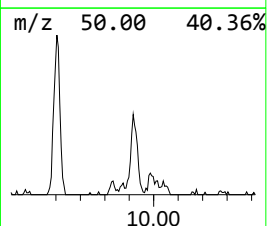
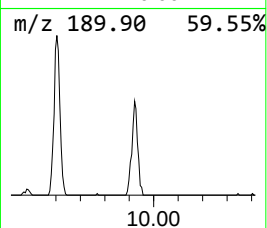
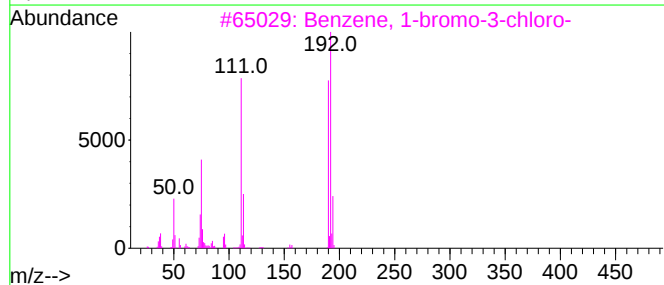
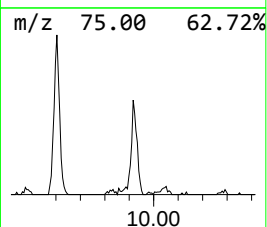
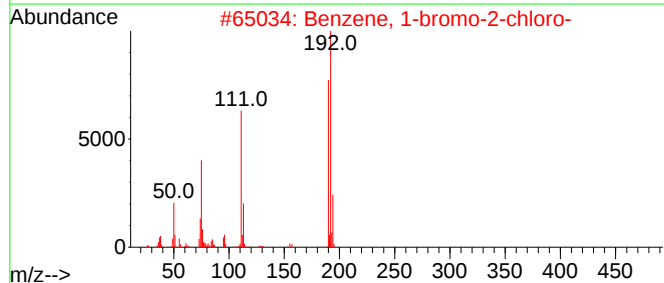
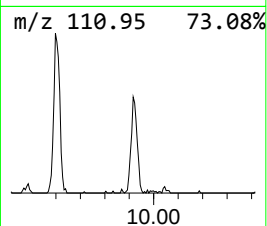
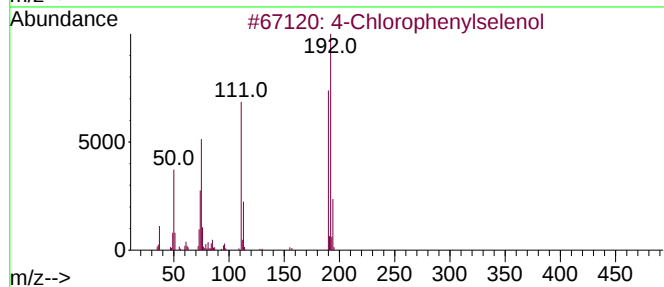
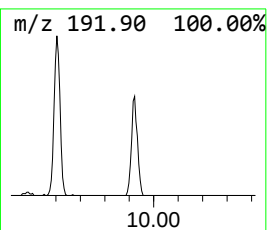
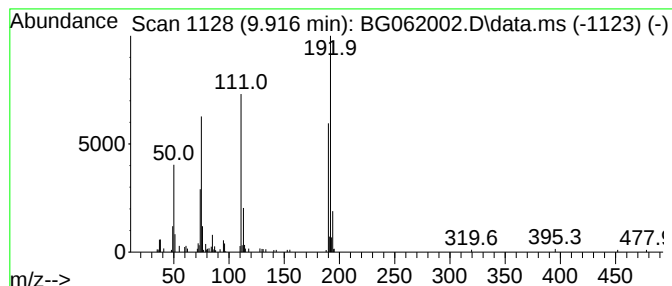
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 4-Chlorophenylselenol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.916	6.49 ng/ul	186911	Naphthalene-d8	10.932

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	95
2			Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	94
3			Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	94
4			Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	94
5			Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0SW0

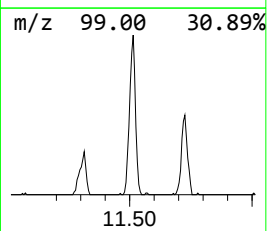
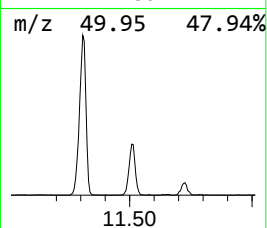
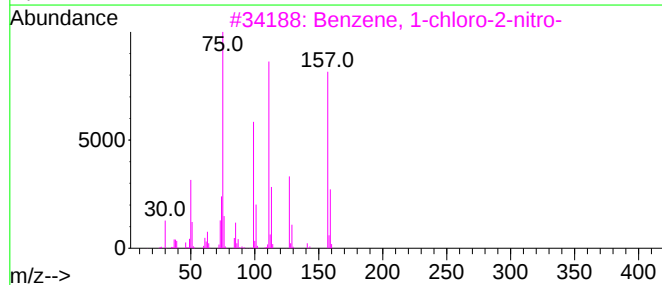
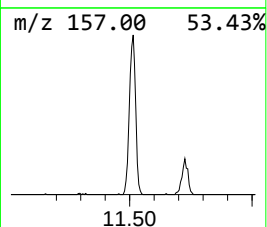
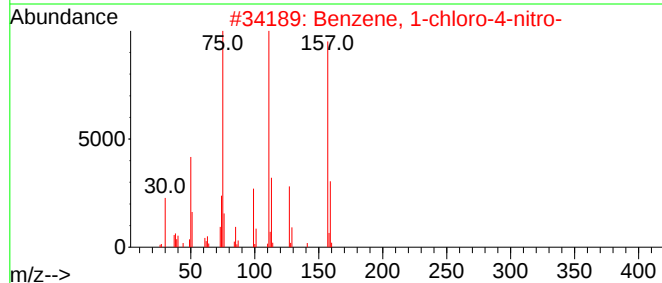
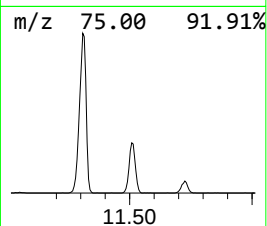
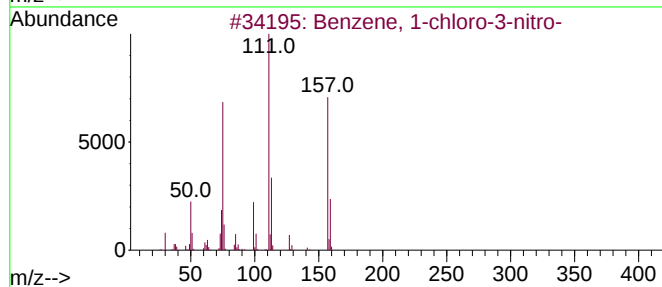
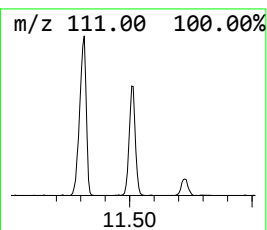
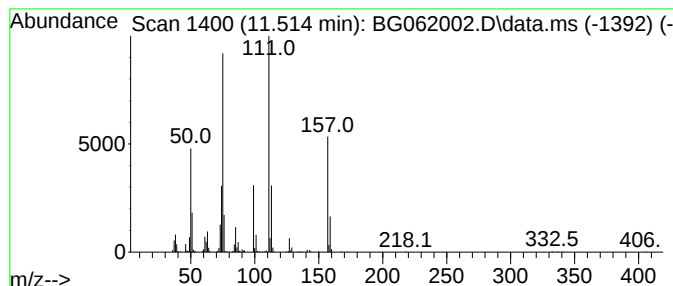
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.514	24.95 ng/ul	718985	Naphthalene-d8	10.932

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
2			Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
3			Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	91
4			Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	83
5			Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	64



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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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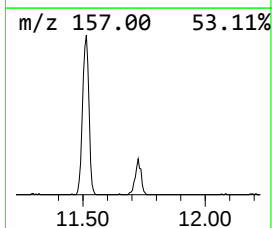
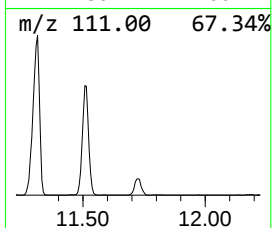
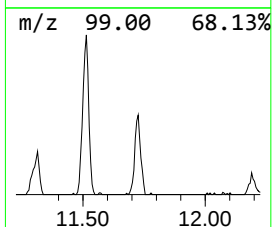
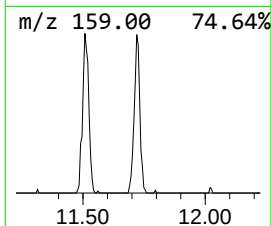
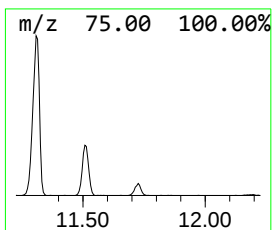
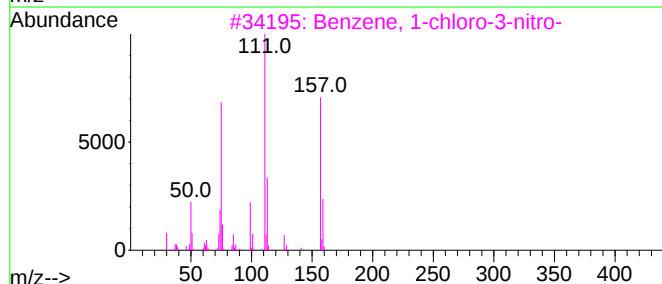
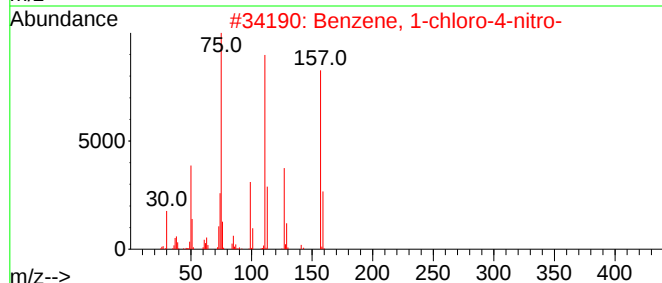
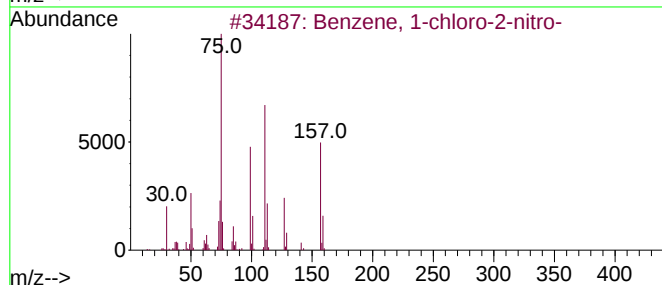
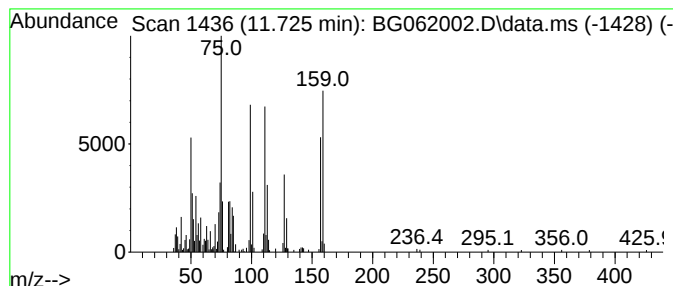
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 1-chloro-2-nitro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.725	10.47 ng/ul	301656	Naphthalene-d8	10.932

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	86
2			Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	76
3			Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	53
4			Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	43
5			Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	38



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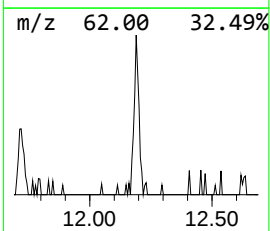
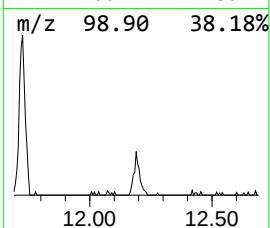
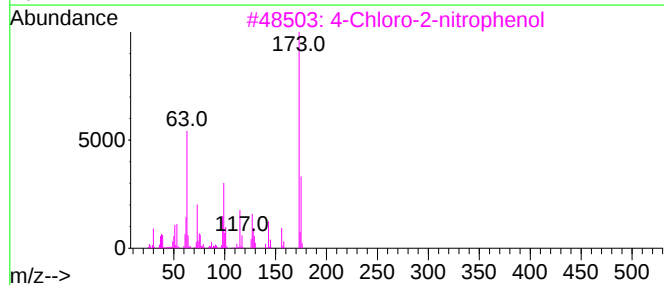
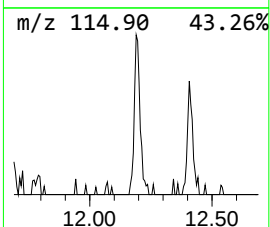
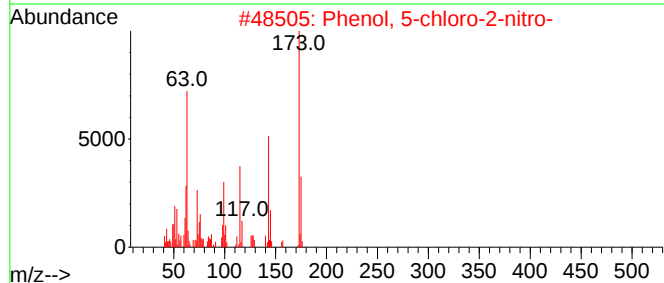
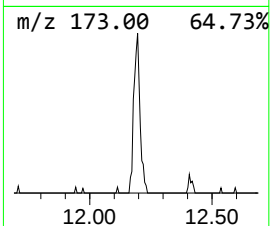
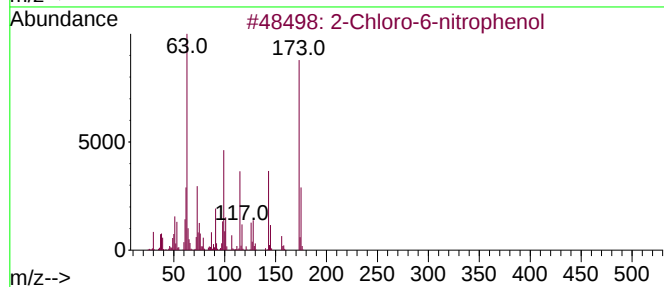
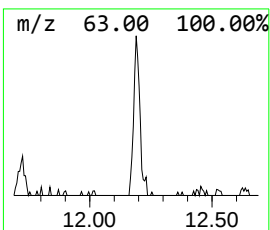
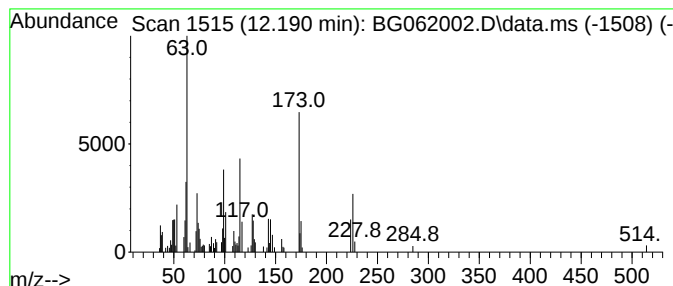
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 2-Chloro-6-nitrophenol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.190	4.05 ng/ul	116795	Naphthalene-d8	10.932

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Chloro-6-nitrophenol	173	C6H4ClNO3	000603-86-1	91
2			Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	83
3			4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	64
4			4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	64
5			4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG062002.D
Acq On : 10 Jul 2024 17:18
Operator : MA/JU
Sample : P3108-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

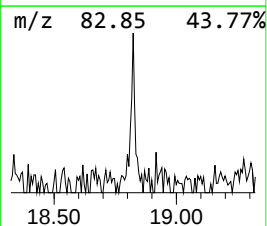
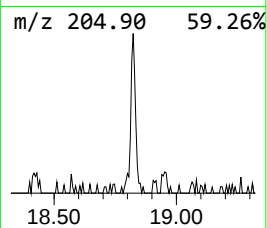
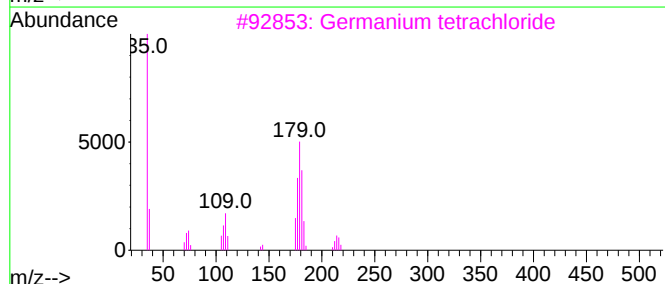
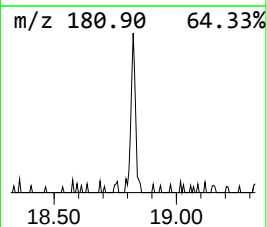
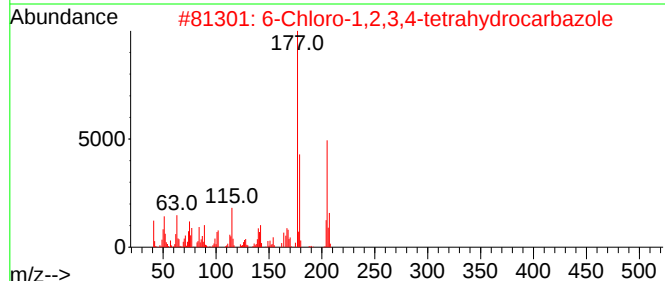
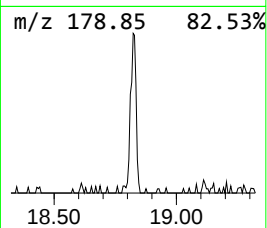
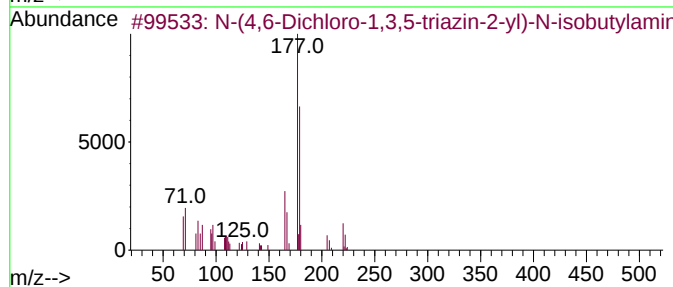
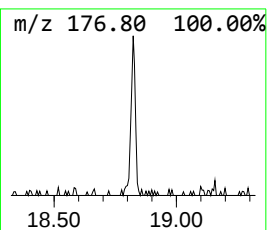
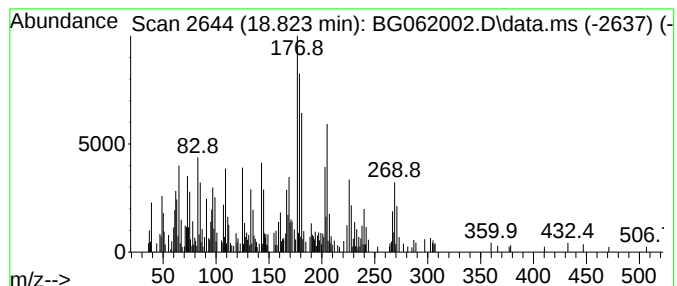
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BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.823	4.86 ng/ul	222400	Phenanthrene-d10	17.460	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(4,6-Dichloro-1,3,5-triazin-2-...	220	C7H10Cl2N4	1000326-88-2	25
2	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	15
3	Germanium tetrachloride	214	Cl4Ge	010038-98-9	15
4	1,3,5-Triazin-2-amine, 4,6-dichl...	192	C5H6Cl2N4	003440-19-5	12
5	5-Amino-2,4-dichlorophenol	177	C6H5Cl2NO	1000484-56-2	11



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG062002.D
Acq On : 10 Jul 2024 17:18
Operator : MA/JU
Sample : P3108-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0SW0

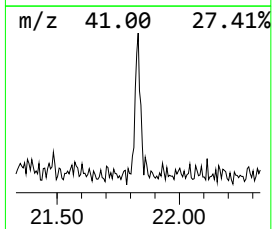
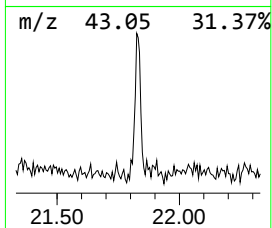
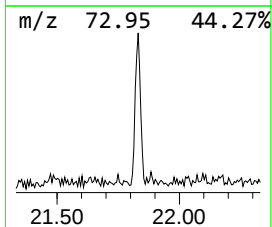
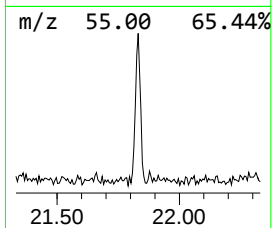
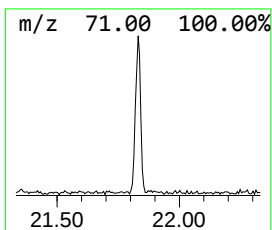
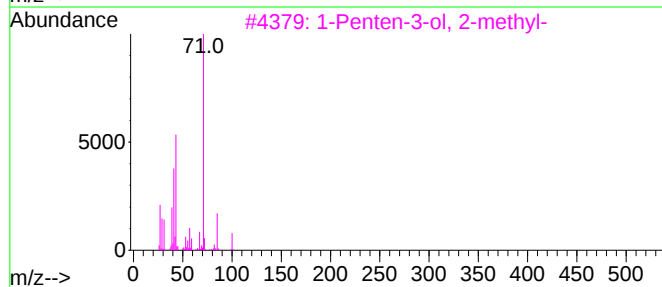
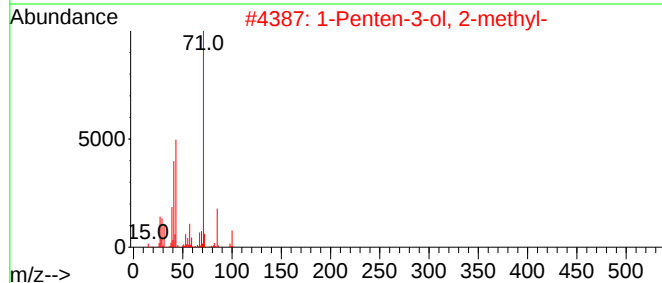
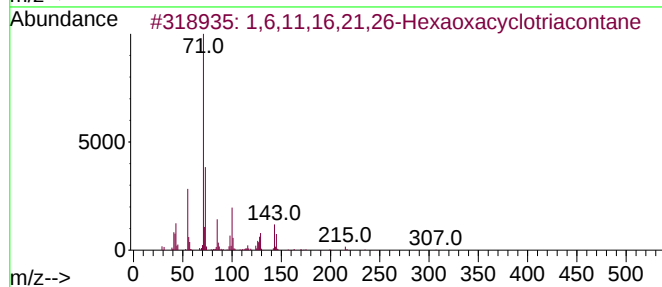
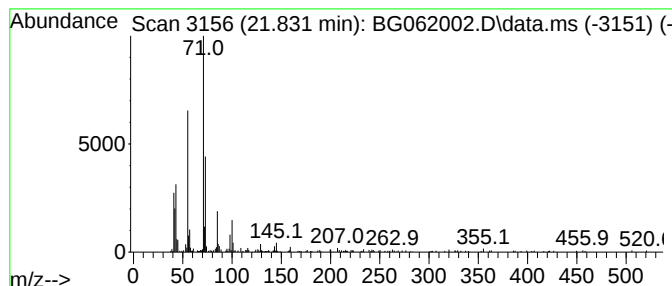
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 1,6,11,16,21,26-Hexaoxacycl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.831	4.33 ng/ul	199188	Chrysene-d12	21.720

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6,11,16,21,26-Hexaoxacyclotria...	432	C24H48O6	064001-05-4	72		
2	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	59		
3	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	59		
4	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	59		
5	1,6,11,16,21,26,31-Heptaoxacyclo...	504	C28H56O7	066055-34-3	56		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG062002.D
Acq On : 10 Jul 2024 17:18
Operator : MA/JU
Sample : P3108-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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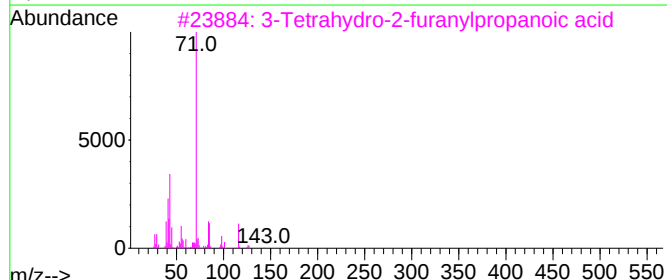
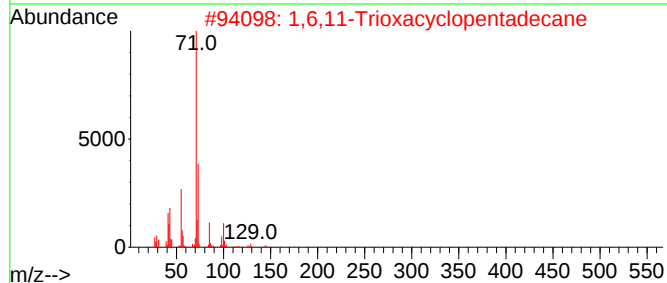
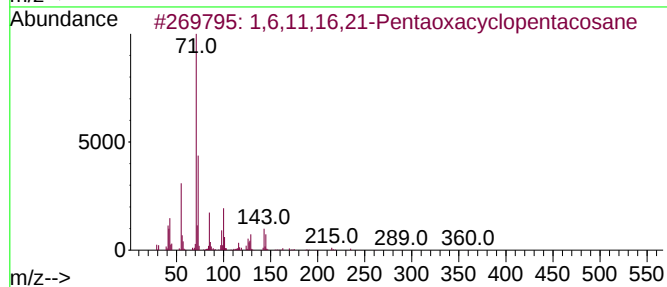
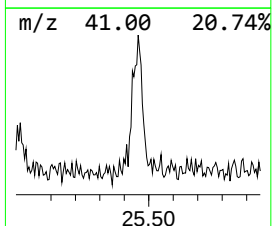
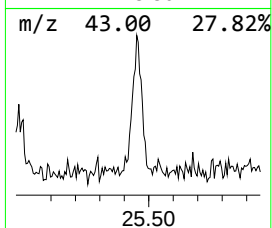
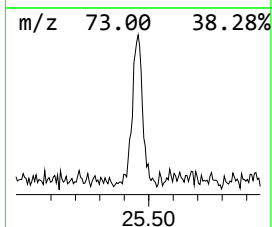
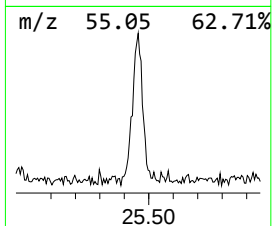
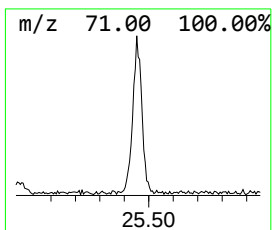
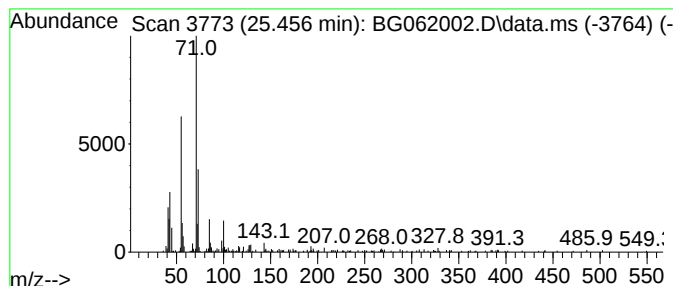
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 1,6,11,16,21-Pentaoxacyclo... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.456	5.56 ng/ul	311411	Perylene-d12	24.963

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6,11,16,21-Pentaoxacyclopentac...	360	C20H40O5	056890-57-4	93	
2	1,6,11-Trioxacyclopentadecane	216	C12H24O3	000295-63-6	86	
3	3-Tetrahydro-2-furanylpropanoic ...	144	C7H12O3	000935-12-6	53	
4	1,6,11,16,21,26-Hexaoxacyclotria...	432	C24H48O6	064001-05-4	50	
5	3-Methoxy-1-pentene	100	C6H12O	014092-18-3	50	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG062002.D
Acq On : 10 Jul 2024 17:18
Operator : MA/JU
Sample : P3108-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0SW0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-brom...	9.604	11.0	ng/ul	316275	2	10.932	576328	20.0
4-Chlorophenyls...	9.916	6.5	ng/ul	186911	2	10.932	576328	20.0
Benzene, 1-chlo...	11.514	24.9	ng/ul	718985	2	10.932	576328	20.0
Benzene, 1-chlo...	11.725	10.5	ng/ul	301656	2	10.932	576328	20.0
2-Chloro-6-nitr...	12.190	4.0	ng/ul	116795	2	10.932	576328	20.0
unknown-01	18.823	4.9	ng/ul	222400	4	17.460	915978	20.0
1,6,11,16,21,26...	21.831	4.3	ng/ul	199188	5	21.720	920680	20.0
1,6,11,16,21-Pe...	25.456	5.6	ng/ul	311411	6	24.963	1120360	20.0