

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
 Data File : BM025819.D
 Acq On : 27 Mar 2020 03:20
 Operator : CG/JU
 Sample : L1968-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0DL5

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	4.993	341	358	364	rBV7	68112868	385061529	95.79%	24.950%
2	6.269	568	575	583	rVB	315106	481885	0.12%	0.031%
3	6.928	679	687	698	rBV	401211	855550	0.21%	0.055%
4	7.110	711	718	729	rVB	545158	1012367	0.25%	0.066%
5	7.487	770	782	793	rBV	23547881	70666264	17.58%	4.579%
6	7.681	793	815	817	rBV5	73091021	334116424	83.12%	21.649%
7	8.028	850	874	878	rBV6	73332264	401985854	100.00%	26.047%
8	8.275	910	916	929	rVB	471455	755645	0.19%	0.049%
9	8.716	984	991	994	rBV	681415	1167802	0.29%	0.076%
10	8.769	994	1000	1008	rVB	6104066	10019098	2.49%	0.649%
11	9.045	1041	1047	1057	rVB	1194120	1888915	0.47%	0.122%
12	9.281	1080	1087	1090	rBV	280498	436678	0.11%	0.028%
13	9.322	1090	1094	1096	rVV	255323	415700	0.10%	0.027%
14	9.357	1096	1100	1106	rVV	648643	1105605	0.28%	0.072%
15	9.428	1106	1112	1120	rVV2	594099	1122804	0.28%	0.073%
16	9.969	1197	1204	1213	rBV	820640	1426106	0.35%	0.092%
17	10.263	1237	1254	1258	rBV2	66835351	205410716	51.10%	13.310%
18	10.357	1264	1270	1275	rBV	996040	1423772	0.35%	0.092%
19	10.745	1322	1336	1342	rBV	33090814	62234873	15.48%	4.033%
20	10.934	1360	1368	1380	rBV	4432605	7270928	1.81%	0.471%
21	11.139	1395	1403	1412	rVB	918935	1536247	0.38%	0.100%
22	12.345	1605	1608	1610	rVV	357281	547569	0.14%	0.035%
23	12.381	1610	1614	1621	rVB	1760596	2616358	0.65%	0.170%
24	12.998	1712	1719	1726	rVB	6943463	10031732	2.50%	0.650%
25	13.622	1821	1825	1830	rVV	1696022	2326405	0.58%	0.151%
26	13.892	1865	1871	1879	rVB	1952791	2759194	0.69%	0.179%
27	14.204	1917	1924	1933	rBV	1368322	1941113	0.48%	0.126%
28	15.204	2088	2094	2100	rBV	2438134	3408752	0.85%	0.221%
29	15.322	2109	2114	2124	rBV	766116	1044890	0.26%	0.068%
30	16.951	2384	2391	2401	rBV	1661383	2271458	0.57%	0.147%
31	17.045	2401	2407	2419	rVV	2689611	3749861	0.93%	0.243%
32	18.327	2620	2625	2631	rVV	5165338	6769026	1.68%	0.439%
33	18.657	2677	2681	2685	rVV	310816	451421	0.11%	0.029%
34	19.345	2792	2798	2806	rBV	3381809	4429344	1.10%	0.287%

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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_M\METHODS\SOM-EPA-BM031420MA.M
Title : SVOA CALIBRATION

35	21.139	3098	3103	3111	rBV	2240647	2758191	0.69%	0.179%
36	23.156	3439	3446	3453	rBV	2927603	4941594	1.23%	0.320%
37	23.286	3462	3468	3476	rVB	1581598	2874461	0.72%	0.186%

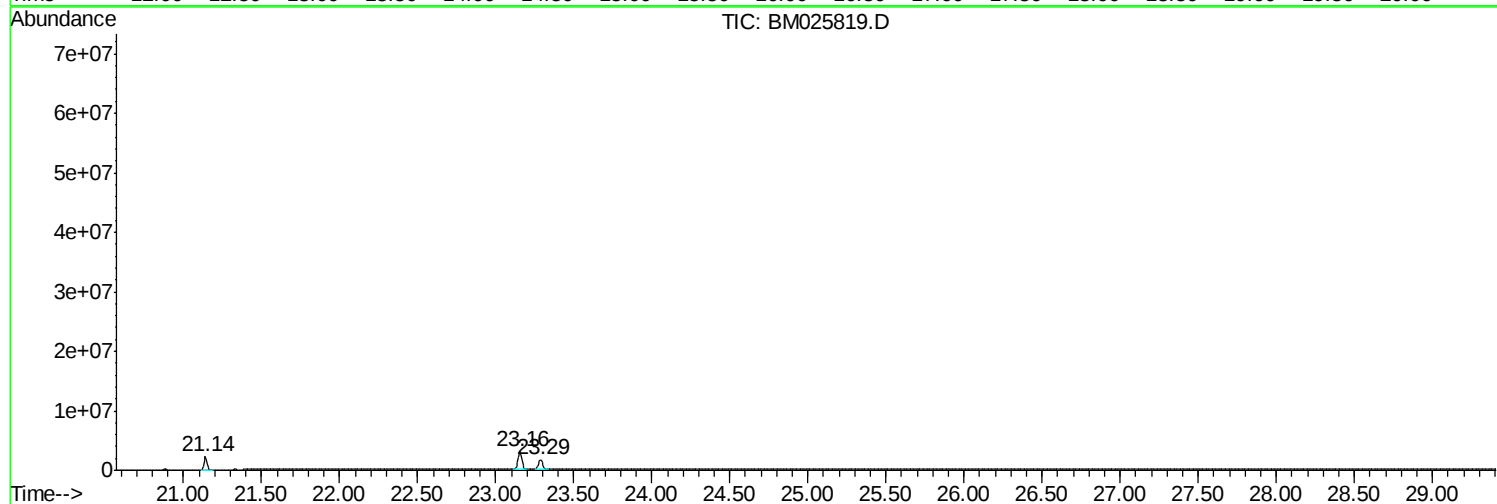
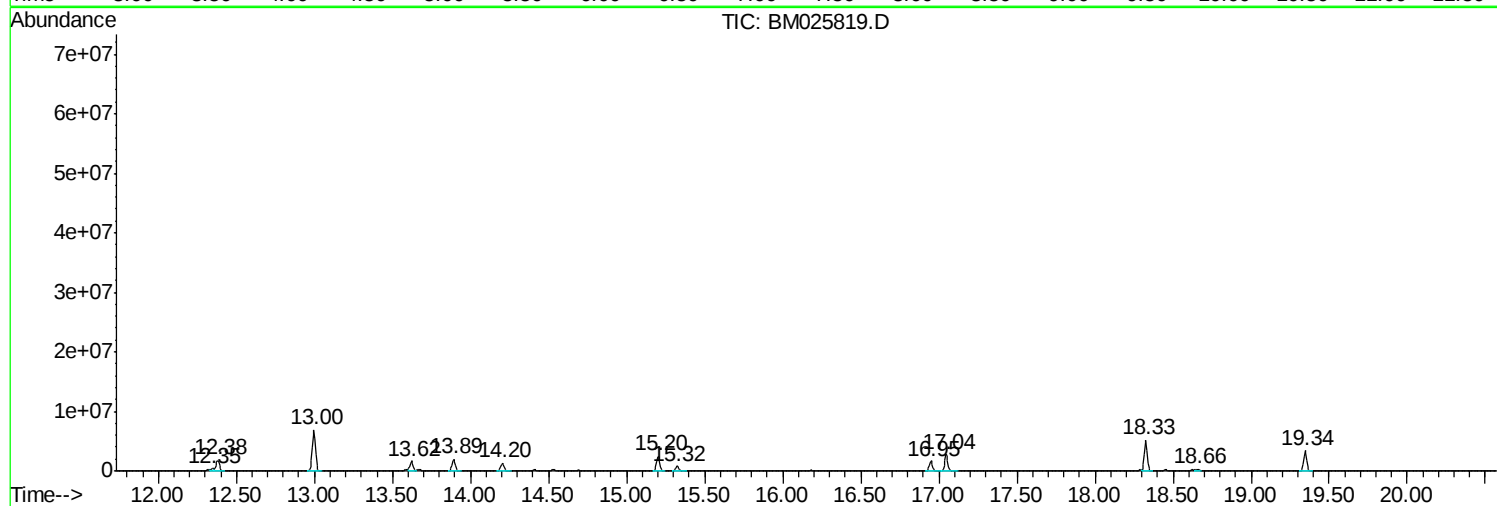
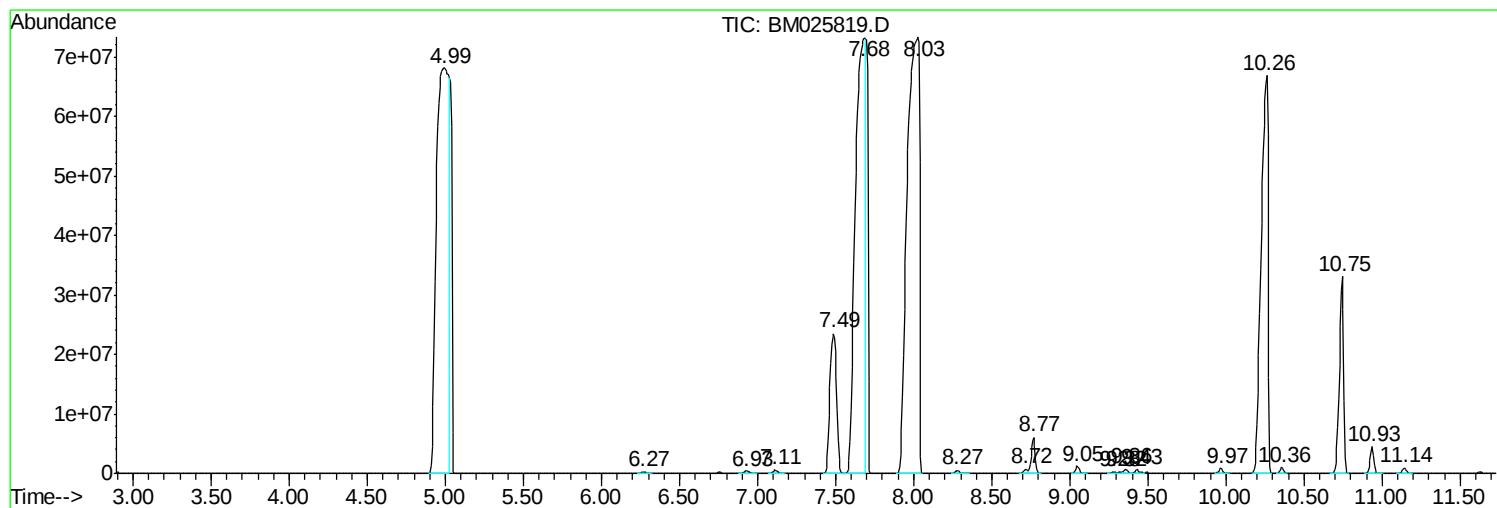
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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



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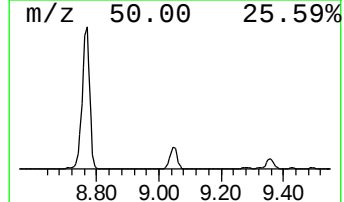
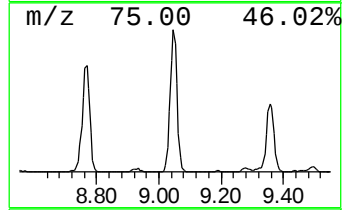
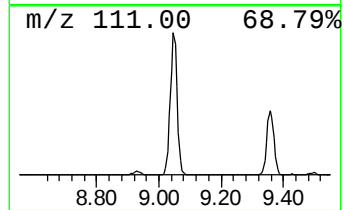
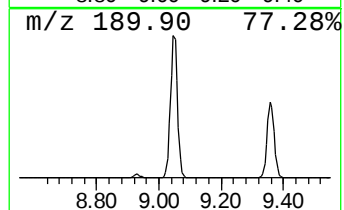
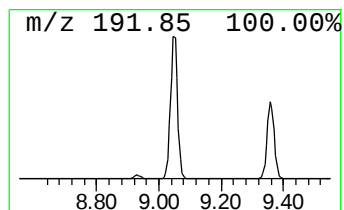
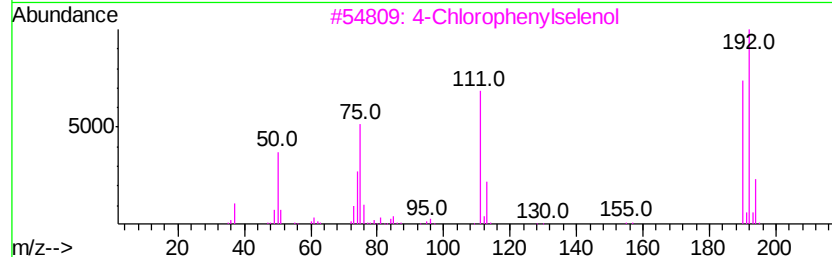
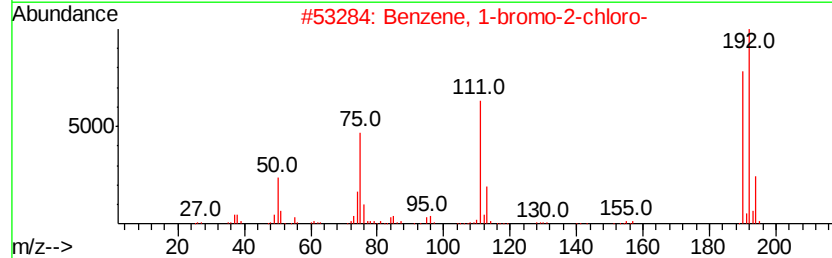
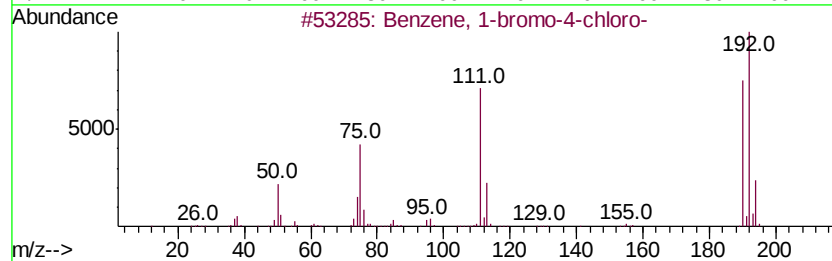
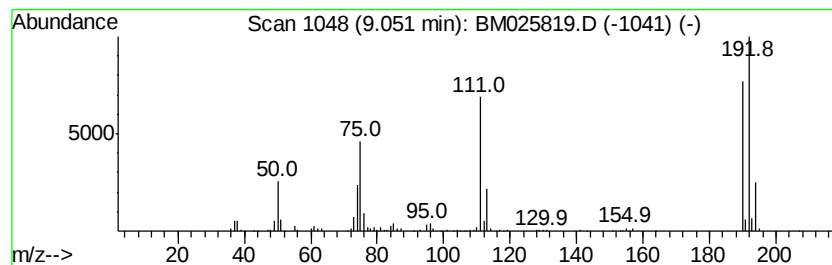
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 4-Chlorophenylselenol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	26.53 ng/ul	1888920	Napthalene-d8	10.36

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



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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0DL5

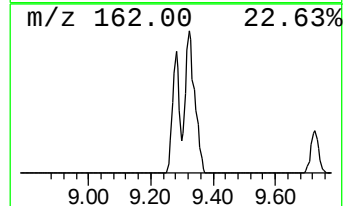
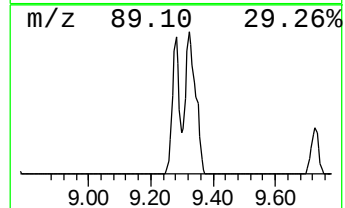
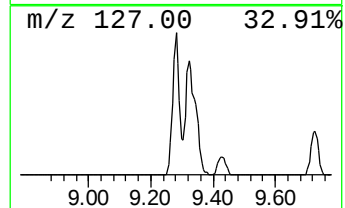
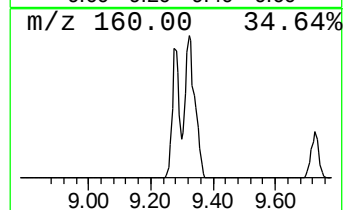
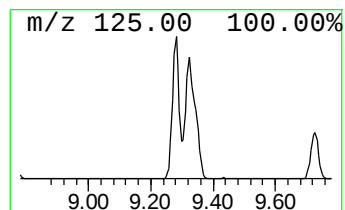
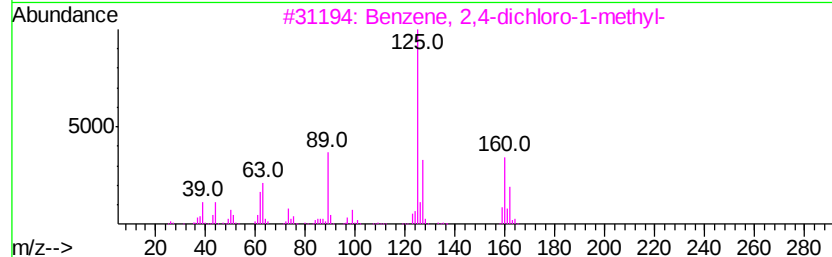
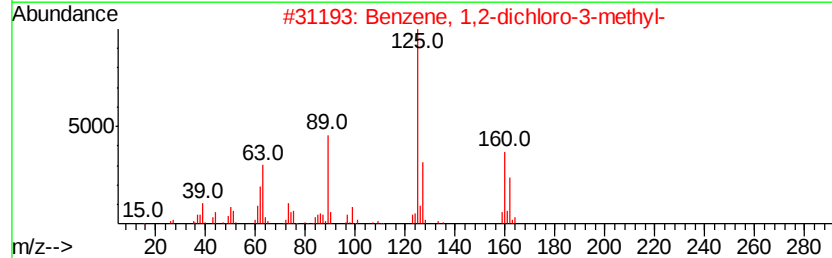
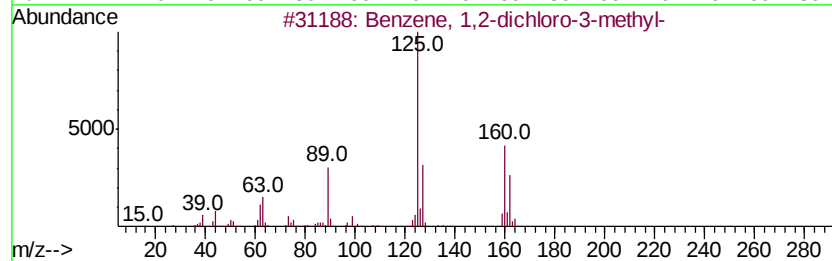
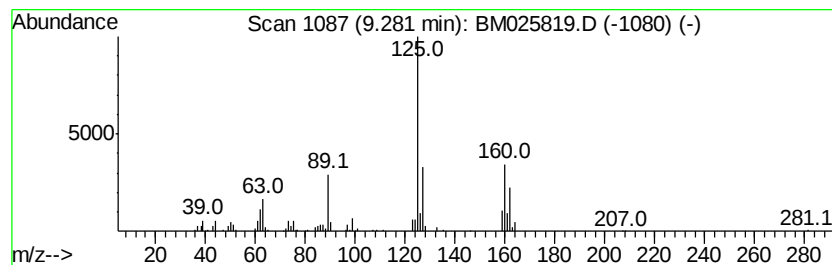
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 1,2-dichloro-3-met... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	6.13 ng/ul	436678	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	98
2		Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	97
3		Benzene, 2,4-dichloro-1-methyl-	160	C7H6Cl2	000095-73-8	97
4		Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	97
5		Benzene, 2,4-dichloro-1-methyl-	160	C7H6Cl2	000095-73-8	96



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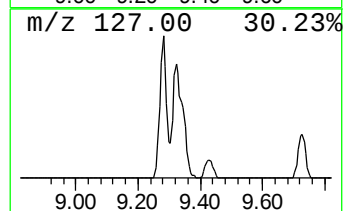
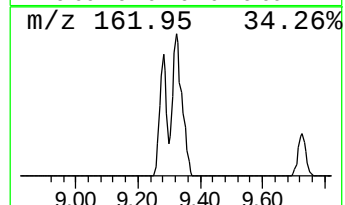
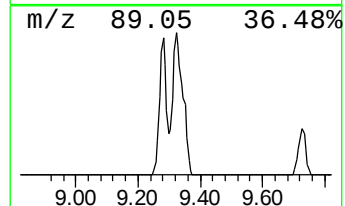
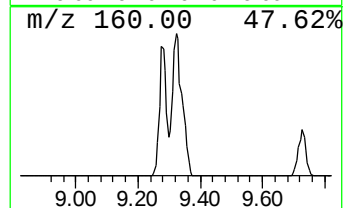
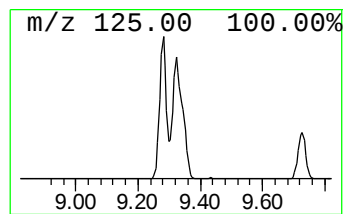
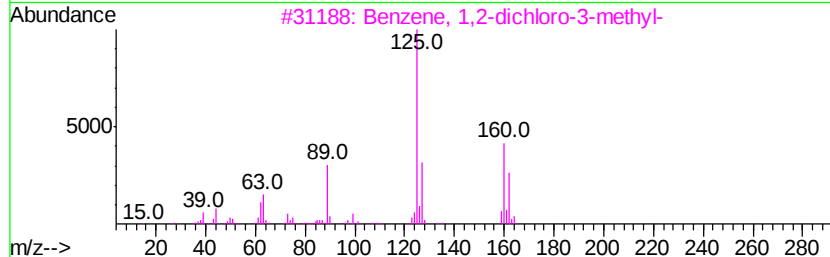
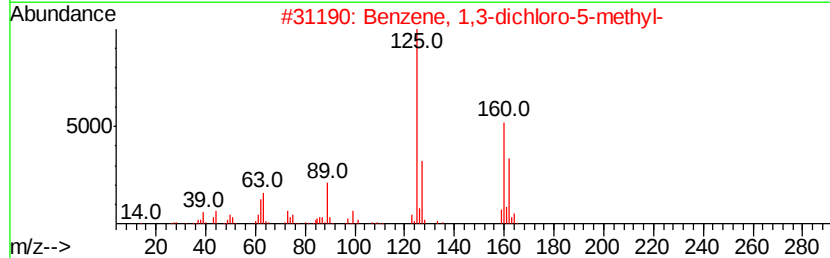
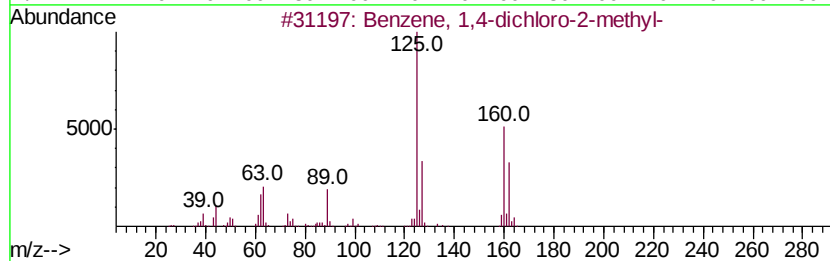
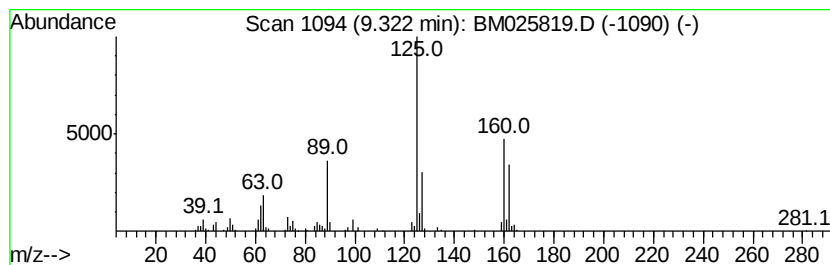
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzene, 1,4-dichloro-2-met... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	5.84 ng/ul	415700	Napthalene-d8	10.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,	1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96	
2	Benzene,	1,3-dichloro-5-methyl-	160	C7H6Cl2	025186-47-4	95	
3	Benzene,	1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	94	
4	Benzene,	1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	94	
5	Benzene,	1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	94	



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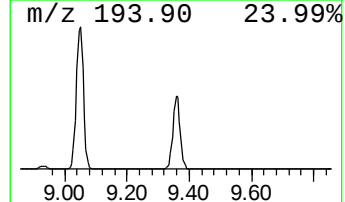
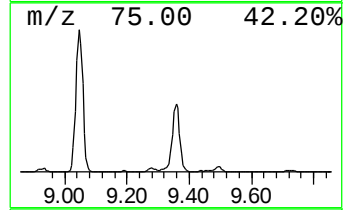
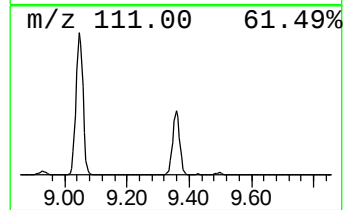
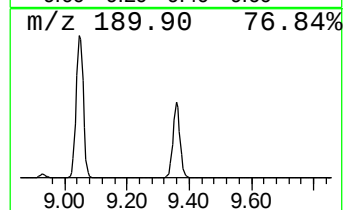
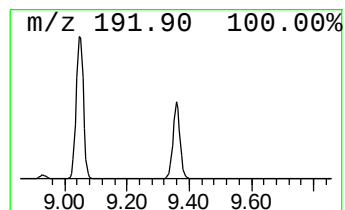
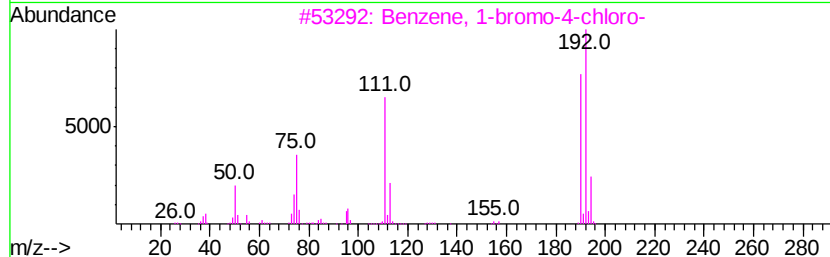
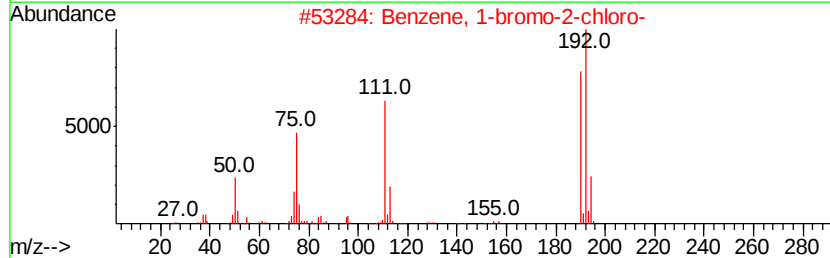
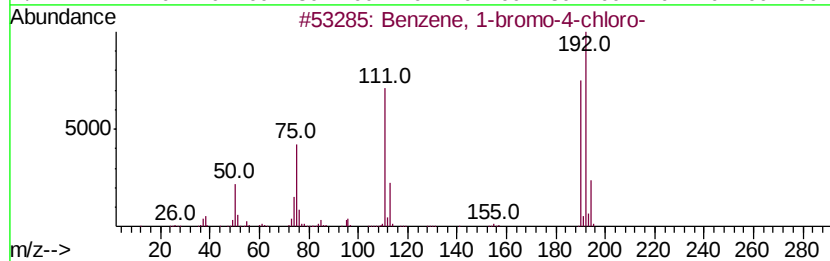
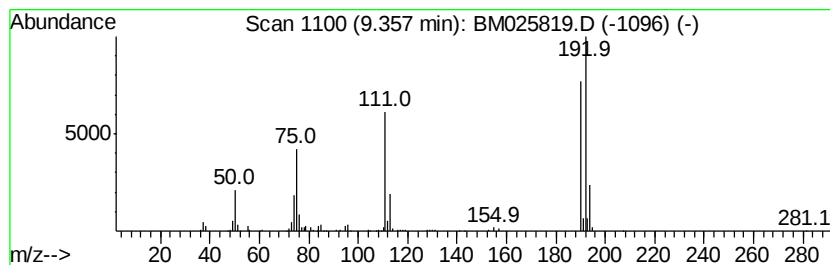
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1-bromo-4-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	15.53 ng/ul	1105610	Napthalene-d8	10.36

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-4-chloro-	190	C6H4BrCl	000106-39-8	95
4		Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	95
5		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	95



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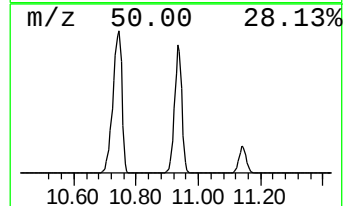
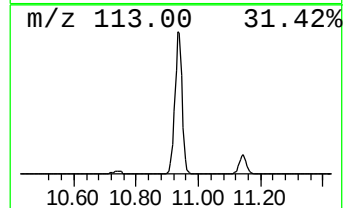
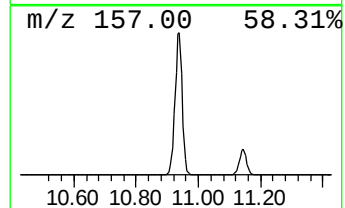
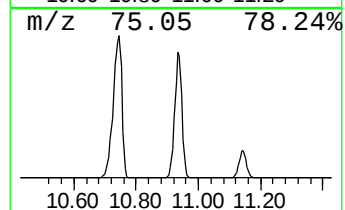
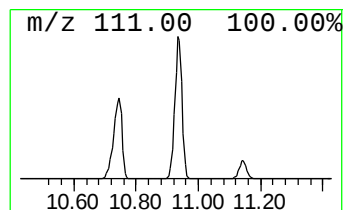
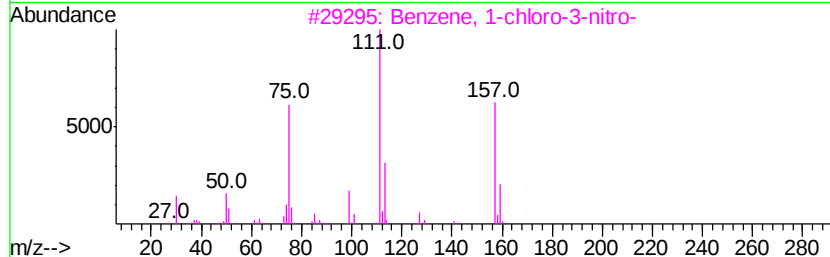
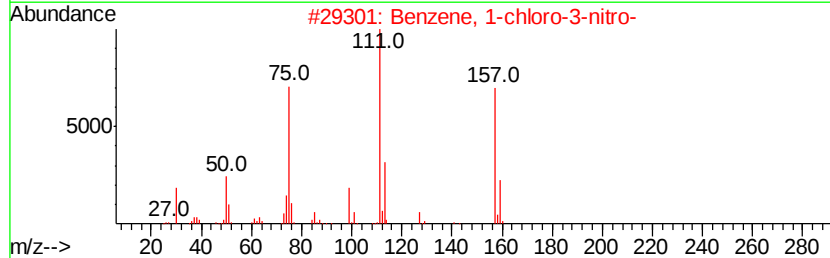
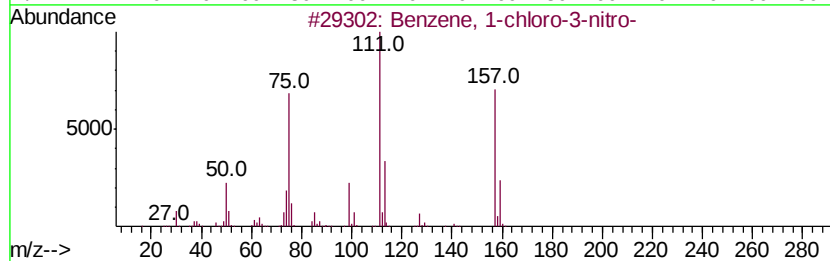
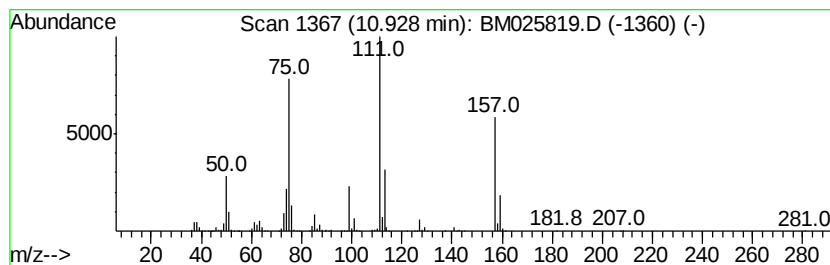
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	102.14 ng/ul	7270930	Naphthalene-d8	10.36

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	91
5		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
Data File : BM025819.D
Acq On : 27 Mar 2020 03:20
Operator : CG/JU
Sample : L1968-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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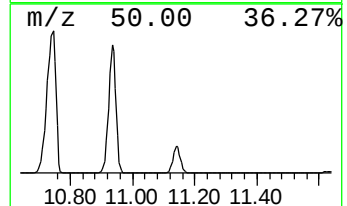
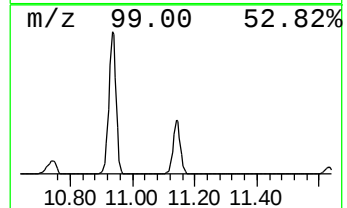
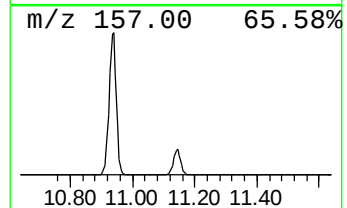
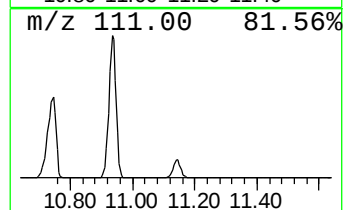
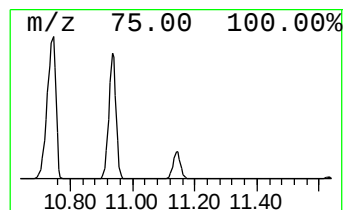
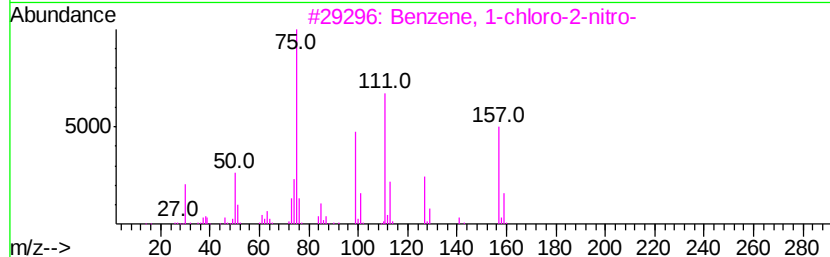
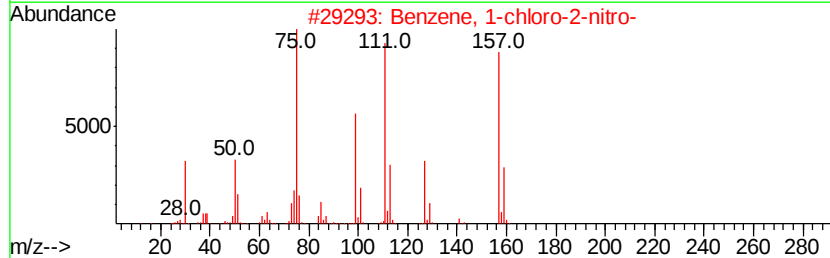
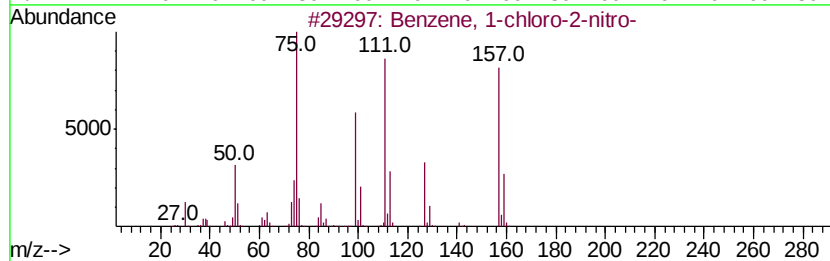
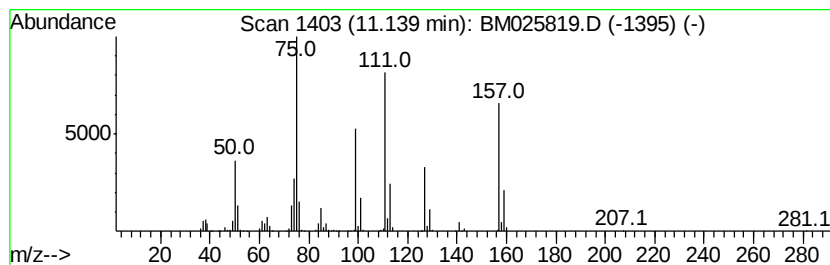
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Benzene, 1-chloro-2-nitro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	21.58 ng/ul	1536250	Napthalene-d8	10.36

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-2-nitro-	157	C6H4ClNO2	000088-73-3	97
4		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	97
5		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
Data File : BM025819.D
Acq On : 27 Mar 2020 03:20
Operator : CG/JU
Sample : L1968-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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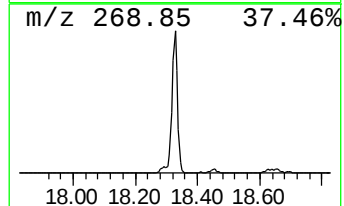
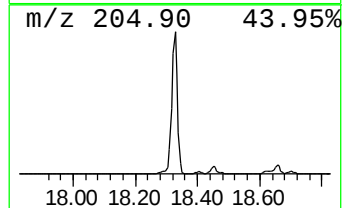
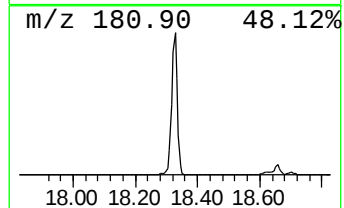
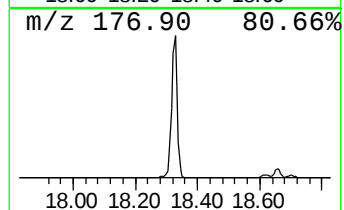
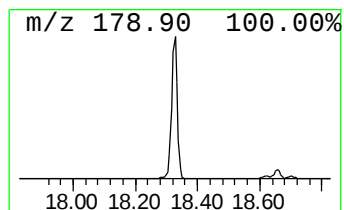
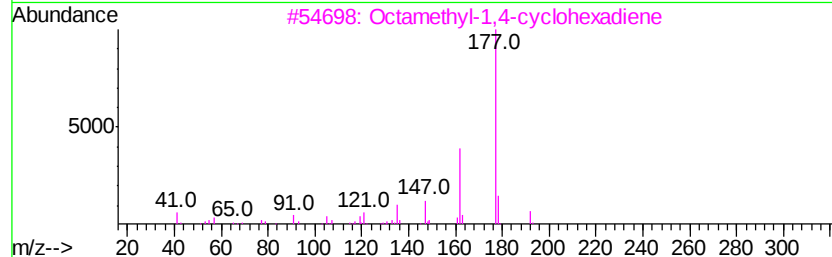
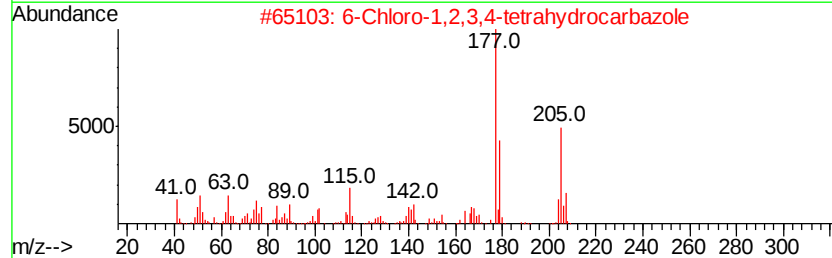
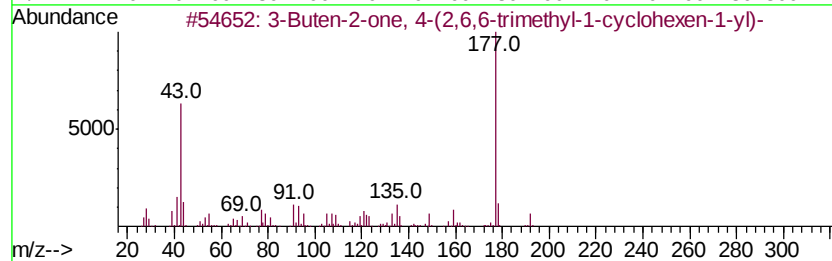
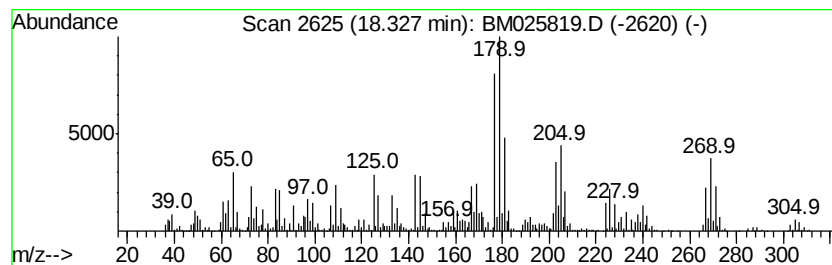
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	59.60 ng/ul	6769030	Phenanthrene-d10	16.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	25
2		6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	25
3		Octamethyl-1,4-cyclohexadiene	192	C14H24	172684-93-4	25
4		4-Butylbenzoic acid, nonyl ester	304	C20H32O2	1000292-20-6	25
5		Benzoic acid, 2-chloro-5-tetrazo...	238	C9H7ClN4O2	1000310-73-5	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
Data File : BM025819.D
Acq On : 27 Mar 2020 03:20
Operator : CG/JU
Sample : L1968-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

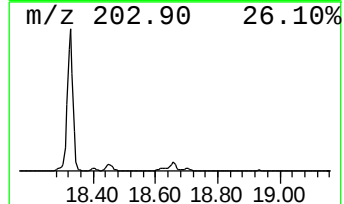
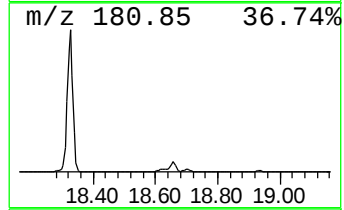
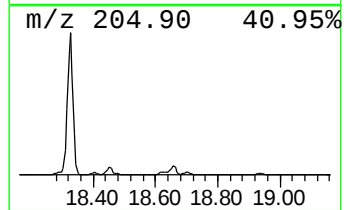
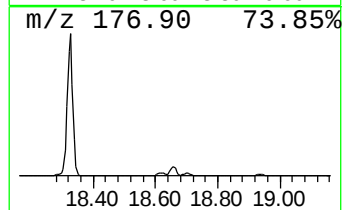
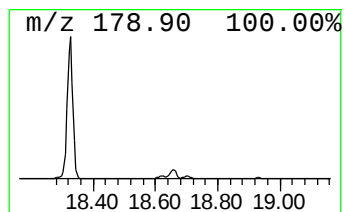
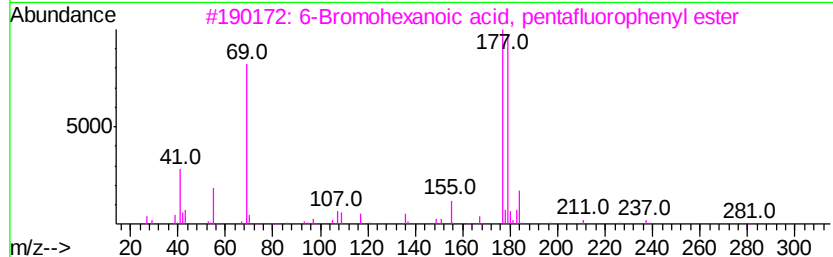
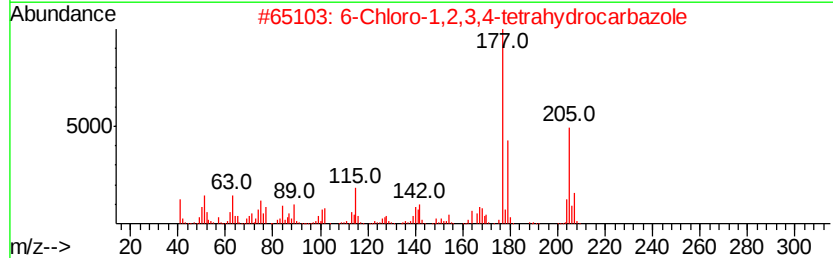
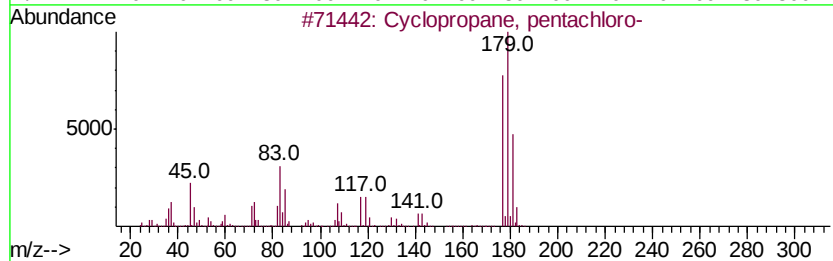
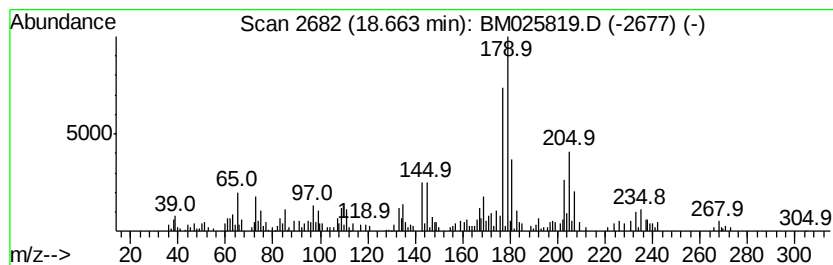
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	3.97 ng/ul	451421	Phenanthrene-d10	16.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopropane, pentachloro-	212 C3HCl5	006262-51-7 47
2		6-Chloro-1,2,3,4-tetrahydrocarba...	205 C12H12ClN	036684-65-8 42
3		6-Bromohexanoic acid, pentafluor...	360 C12H10BrF5O2	1000354-71-3 25
4		Octamethyl-1,4-cyclohexadiene	192 C14H24	172684-93-4 25
5		3-Buten-2-one, 4-(2,6,6-trimethy...	192 C13H20O	014901-07-6 15



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032620\
Data File : BM025819.D
Acq On : 27 Mar 2020 03:20
Operator : CG/JU
Sample : L1968-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0DL5

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
4-Chlorophenylsel...	9.05	26.5	ng/ul	1888920	2	10.36	1423770	20.0
Benzene, 1,2-dich...	9.28	6.1	ng/ul	436678	2	10.36	1423770	20.0
Benzene, 1,4-dich...	9.32	5.8	ng/ul	415700	2	10.36	1423770	20.0
Benzene, 1-bromo-...	9.36	15.5	ng/ul	1105610	2	10.36	1423770	20.0
Benzene, 1-chloro...	10.93	102.1	ng/ul	7270930	2	10.36	1423770	20.0
Benzene, 1-chloro...	11.14	21.6	ng/ul	1536250	2	10.36	1423770	20.0
unknown-01	18.33	59.6	ng/ul	6769030	4	16.95	2271460	20.0
unknown-02	18.66	4.0	ng/ul	451421	4	16.95	2271460	20.0