LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
Data File : BN025076.D
Acq On : 22 Apr 2023 15:09
Operator : CG/JU
Sample : 02399-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0MM1

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_N\Methods\SFAM-EPA-BN041023.M
Title : SVOA CALIBRATION

Signal : TIC: BN025076.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.293	14	18	27	rVB	69144	106574	0.13%	0.035%
2	3.728	90	92	112	rBV	253954	472901	0.56%	0.154%
3	5.205	335	343	370	rBV	21215723	35269159	41.84%	11.459%
4	7.075	653	661	670	rBV	299121	481130	0.57%	0.156%
5	7.246	684	690	704	rVB	1233297	1895443	2.25%	0.616%
6	7.446	716	724	736	rBV	1137862	1813165	2.15%	0.589%
7	7.805	777	785	796	rBV	3352317	5282442	6.27%	1.716%
8	7.958	798	811	826	rVV	13784343	23868324	28.32%	7.755%
9	8.293	856	868	874	rBV	38380916	84295438	100.00%	27.388%
10	8.628	918	925	937	rBV	867936	1392162	1.65%	0.452%
11	9.087	995	1003	1018	rBV	1531074	2469102	2.93%	0.802%
12	9.422	1053	1060	1068	rBV	310814	520281	0.62%	0.169%
13	9.652	1091	1099	1103	rBV	82580	141091	0.17%	0.046%
14	9.699	1103	1107	1109	rVV3	73983	129103	0.15%	0.042%
15	9.740	1109	1114	1119	rVV	143057	269148	0.32%	0.087%
16	9.810	1119	1126	1133	rVV	1243537	1988086	2.36%	0.646%
17	10.352	1209	1218	1230	rBV	1517577	2609550	3.10%	0.848%
18	10.605	1251	1261	1275	rBV	26796771	50973982	60.47%	16.562%
19	10.734	1276	1283	1290	rVV	1594637	2502296	2.97%	0.813%
20	10.869	1299	1306	1318	rBV	1587733	2639558	3.13%	0.858%
21	11.116	1339	1348	1359	rBV	7221078	12134665	14.40%	3.943%
22	12.310	1542	1551	1560	rBV3	36673	100797	0.12%	0.033%
23	12.728	1613	1622	1623	rBV	232266	342337	0.41%	0.111%
24	12.757	1623	1627	1634	rVB	844883	1286021	1.53%	0.418%
25	13.363	1723	1730	1741	rBV	3111196	4673595	5.54%	1.518%
26	13.581	1761	1767	1777	rVB	356612	549808	0.65%	0.179%
27	13.975	1824	1834	1842	rBV	3442588	4679706	5.55%	1.520%
28	14.257	1875	1882	1890	rBV	3658800	5225331	6.20%	1.698%
29	14.563	1927	1934	1945	rBV	2400209	3435290	4.08%	1.116%
30	14.757	1962	1967	1979	rBV	275027	483038	0.57%	0.157%
31	14.881	1983	1988	1994	rVB	359578	506175	0.60%	0.164%
32	15.557	2094	2103	2109	rBV	4768886	6648204	7.89%	2.160%
33	15.598	2109	2110	2116	rVB4	70757	87000	0.10%	0.028%
34	15.675	2117	2123	2133	rBV	1989173	2559088	3.04%	0.831%
35	15.922	2159	2165	2174	rBV	561974	742148	0.88%	0.241%
36	17.310	2395	2401	2412	rBV	2981429	4238533	5.03%	1.377%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
Data File : BN025076.D
Acq On : 22 Apr 2023 15:09
Operator : CG/JU
Sample : 02399-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0MM1

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_N\Methods\SFAM-EPA-BN041023.M
Title : SVOA CALIBRATION

37	17.410	2412	2418	2432	rVV	5221527	7644736	9.07%	2.484%
38	18.198	2547	2552	2561	rBV	181815	257881	0.31%	0.084%
39	19.269	2730	2734	2739	rVB	67927	91566	0.11%	0.030%
40	19.339	2741	2746	2751	rBV	69706	112715	0.13%	0.037%
41	19.475	2765	2769	2775	rBV2	100411	130628	0.15%	0.042%
42	19.710	2802	2809	2820	rBV	7059701	9418746	11.17%	3.060%
43	20.216	2891	2895	2904	rBV4	78337	154049	0.18%	0.050%
44	21.204	3059	3063	3073	rBV	170645	293844	0.35%	0.095%
45	21.504	3109	3114	3122	rBV	3971241	5066419	6.01%	1.646%
46	23.192	3398	3401	3406	rVB2	145871	202089	0.24%	0.066%
47	23.804	3496	3505	3517	rBV2	5347330	11457558	13.59%	3.723%
48	23.951	3523	3530	3545	rVB2	3037831	5811751	6.89%	1.888%
49	24.568	3631	3635	3641	rVB2	184886	326624	0.39%	0.106%

Sum of corrected areas: 307779277

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ClientSampleId :
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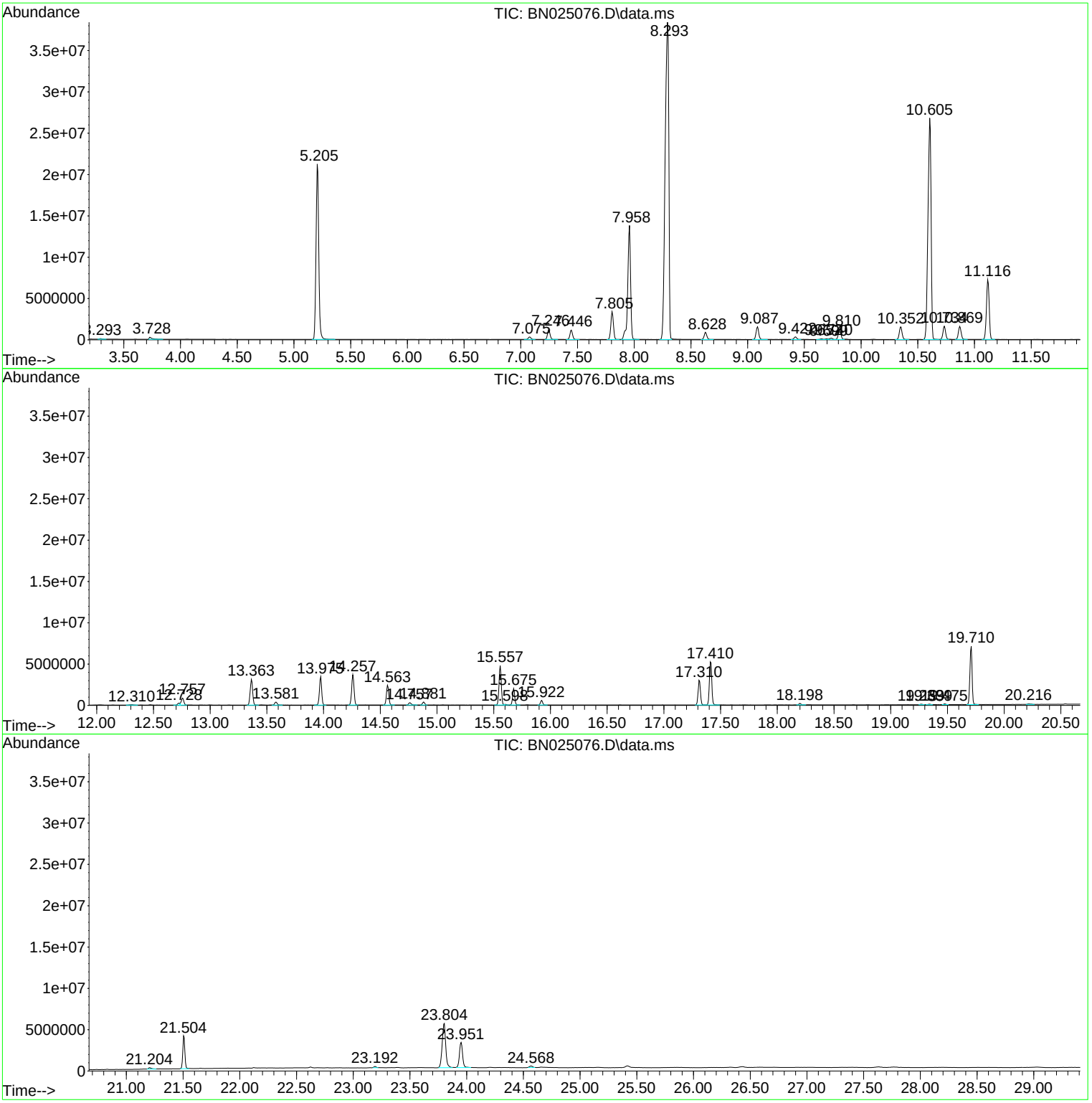
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

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



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Data File : BN025076.D
Acq On : 22 Apr 2023 15:09
Operator : CG/JU
Sample : 02399-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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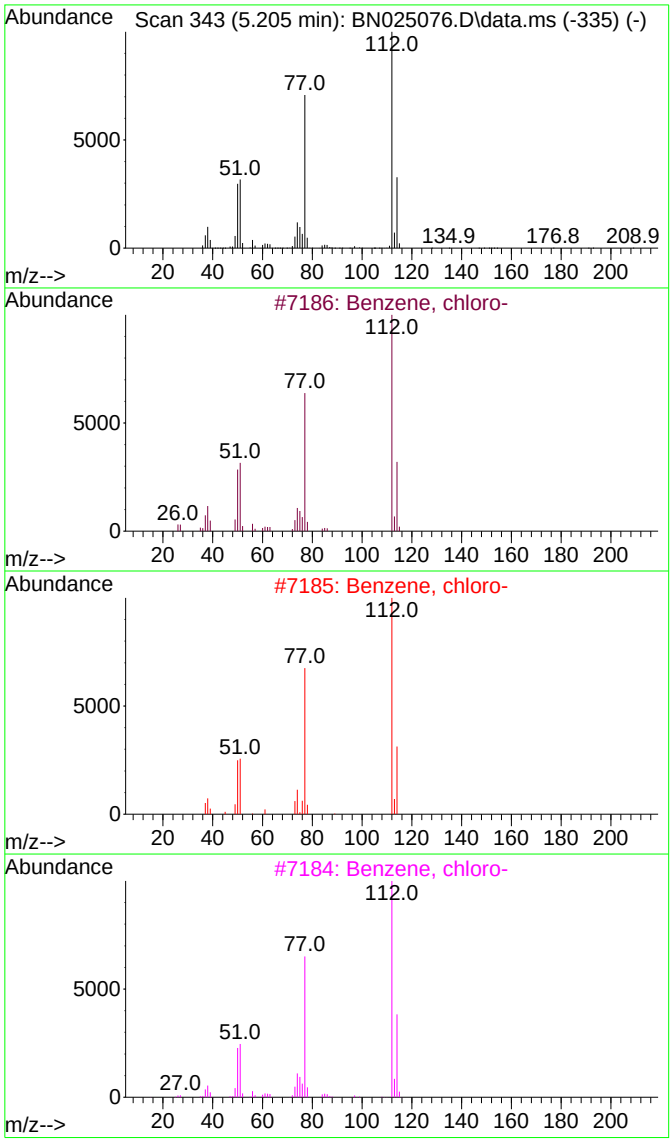
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

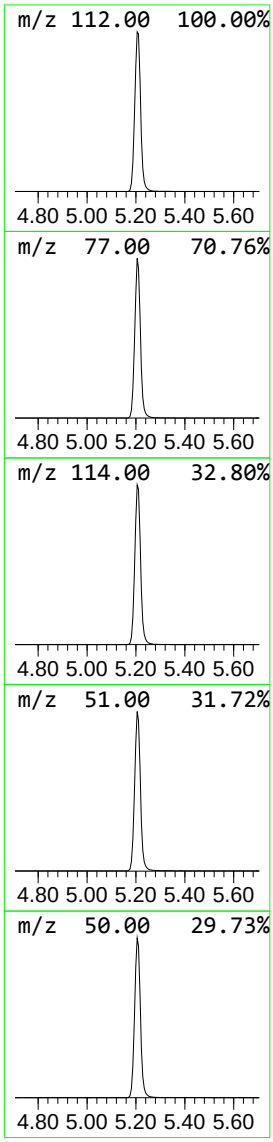
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.205	29.55 ng/ul	35269200	1,4-Dichlorobenzene-d4	7.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
5	Benzene, chloro-	112	C6H5Cl	000108-90-7	94





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Operator : CG/JU
Sample : 02399-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0MM1

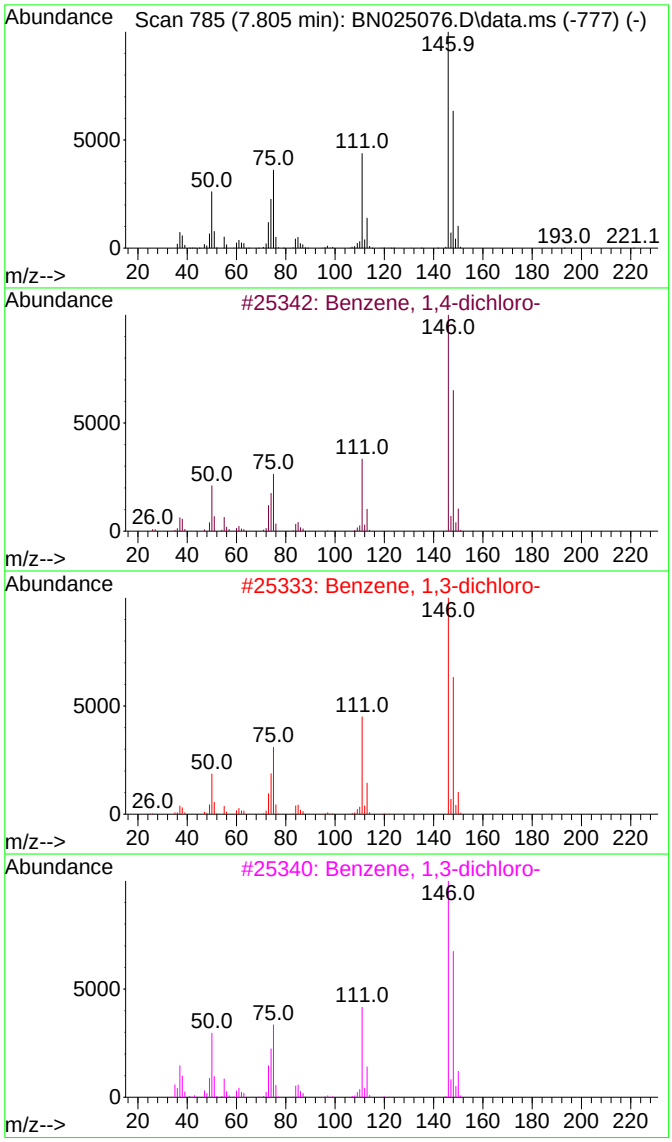
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

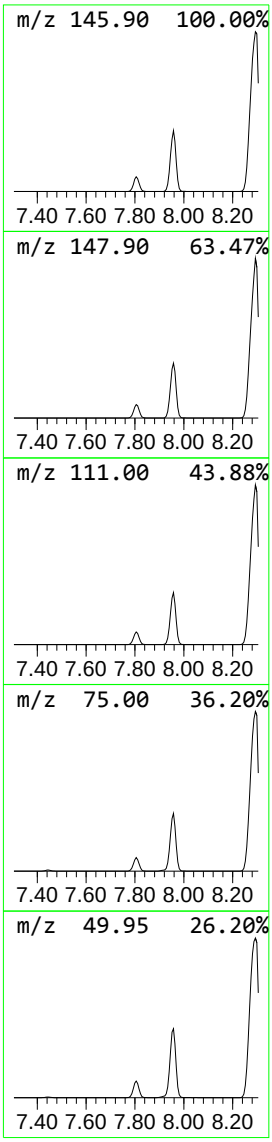
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,4-dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.805	4.43 ng/ul	5282440	1,4-Dichlorobenzene-d4	7.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98
2	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
3	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
Data File : BN025076.D
Acq On : 22 Apr 2023 15:09
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Sample : 02399-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0MM1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

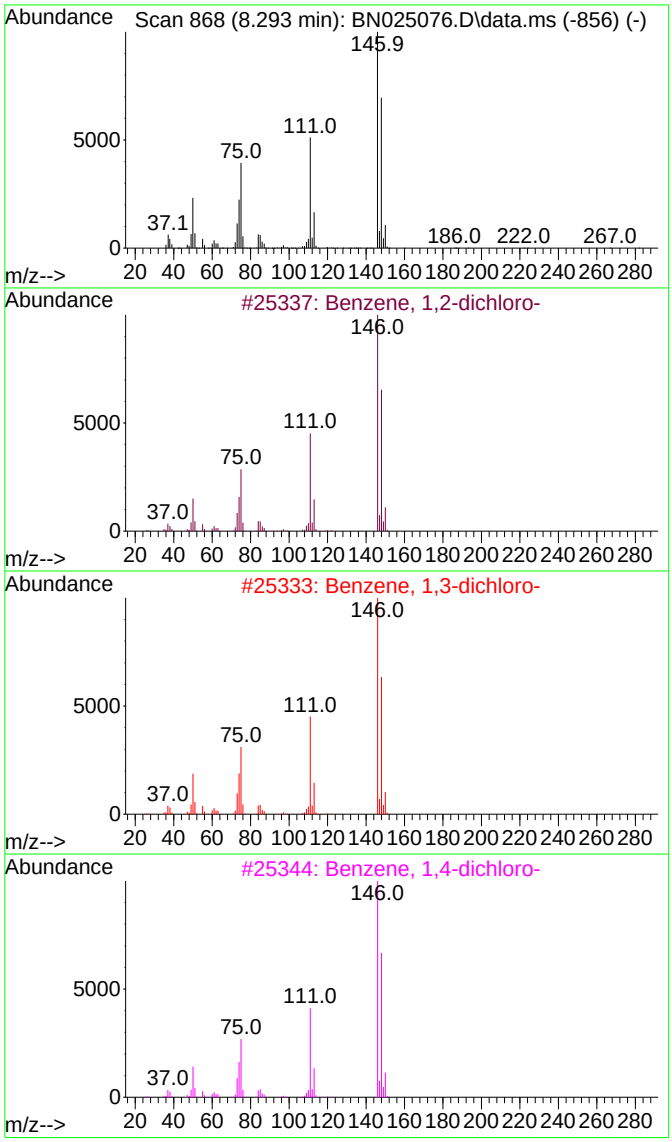
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

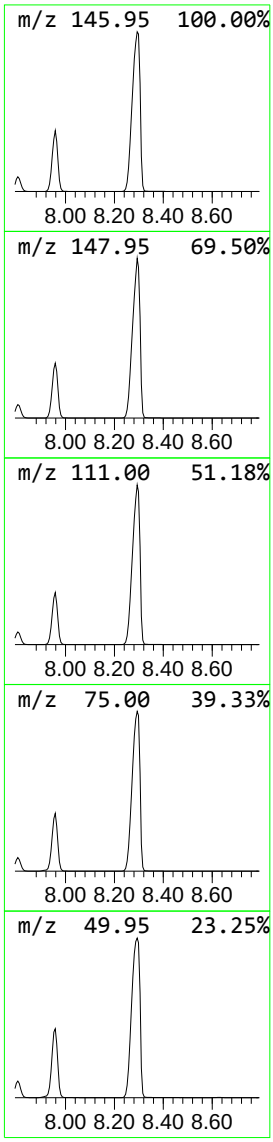
****

Peak Number 3 Benzene, 1,2-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.293	70.63 ng/ul	84295400	1,4-Dichlorobenzene-d4	7.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
2	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
4	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
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Sample : 02399-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0MM1

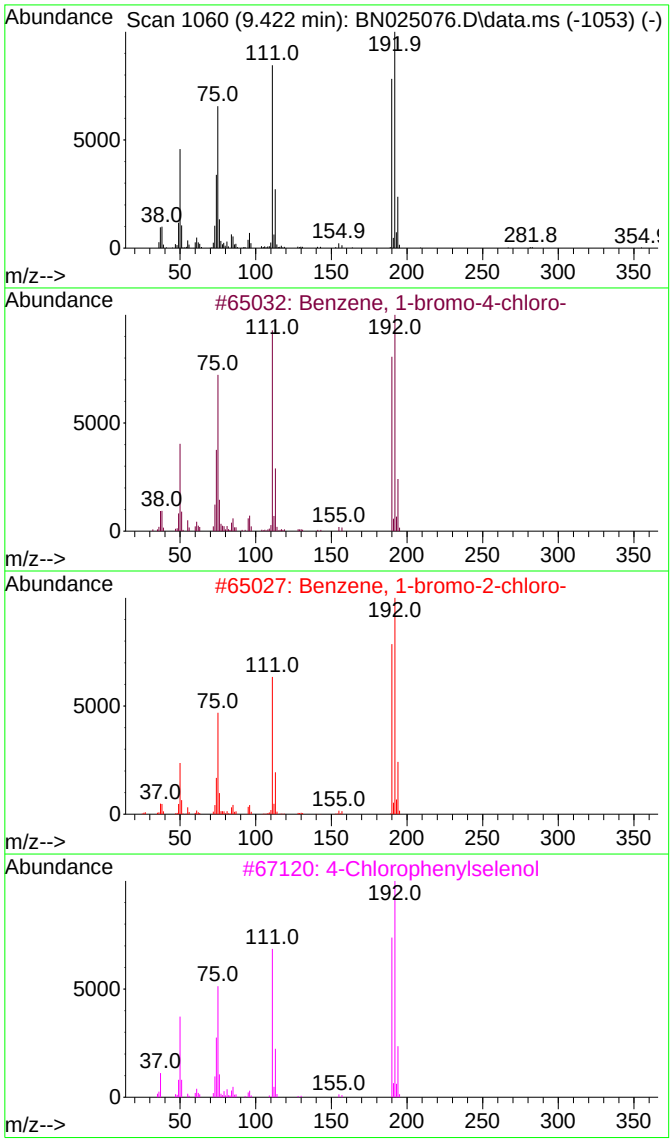
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

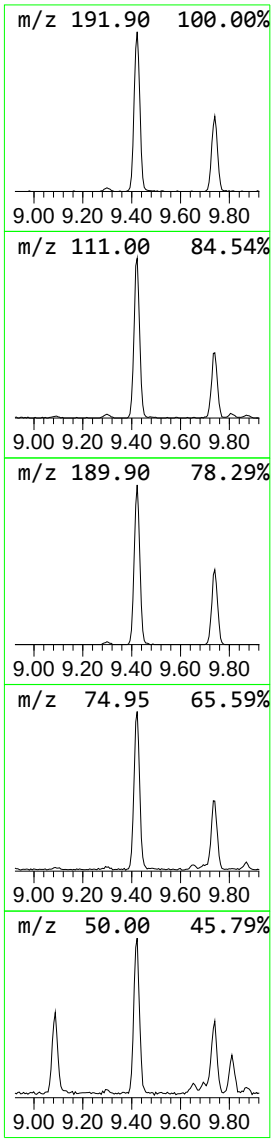
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.422	4.16 ng/ul	520281	Naphthalene-d8	10.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	99
2	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
3	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	98
4	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	97
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97





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Sample : 02399-04
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Instrument :
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ClientSampleId :
C0MM1

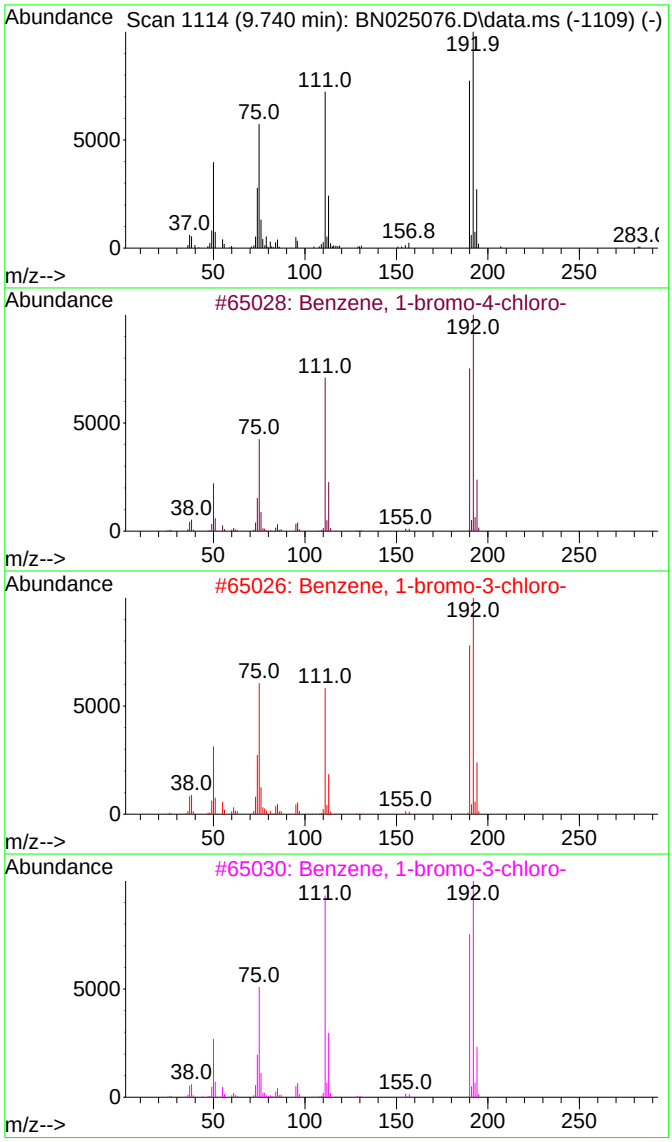
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

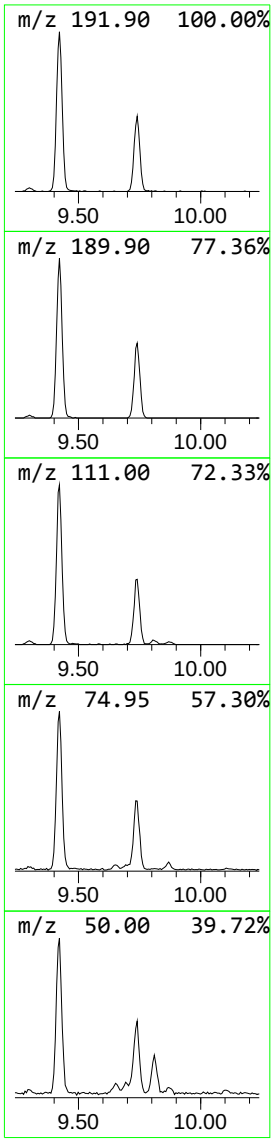
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-bromo-3-chloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.740	2.15 ng/ul	269148	Naphthalene-d8	10.734

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





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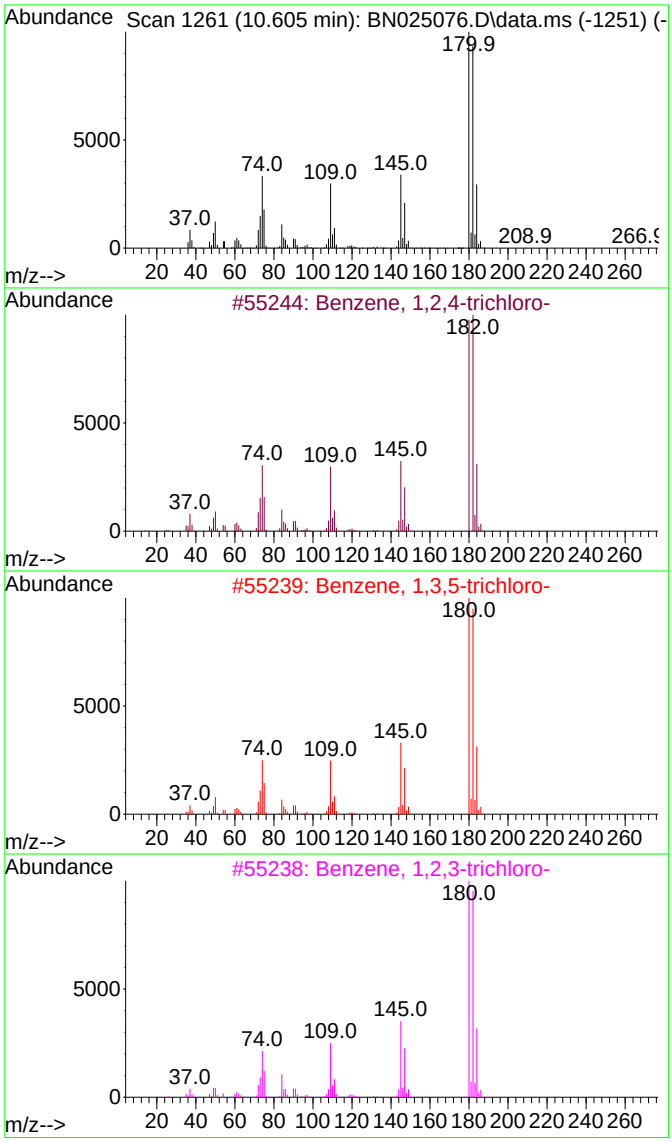
Quant Title : SVOA CALIBRATION

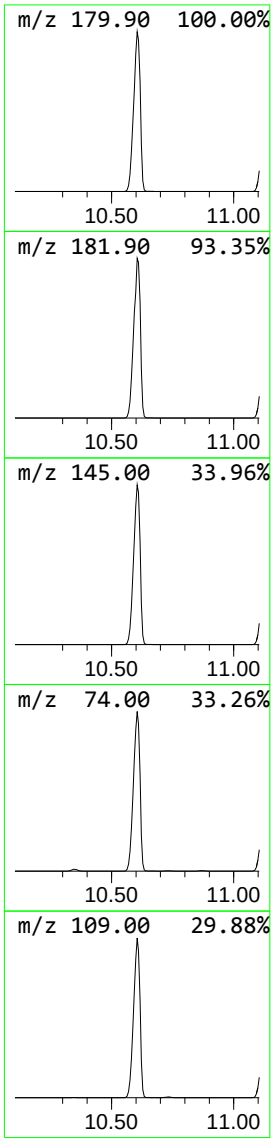
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,4-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.605	407.42 ng/ul	50974000	Naphthalene-d8	10.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98
2	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
4	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97





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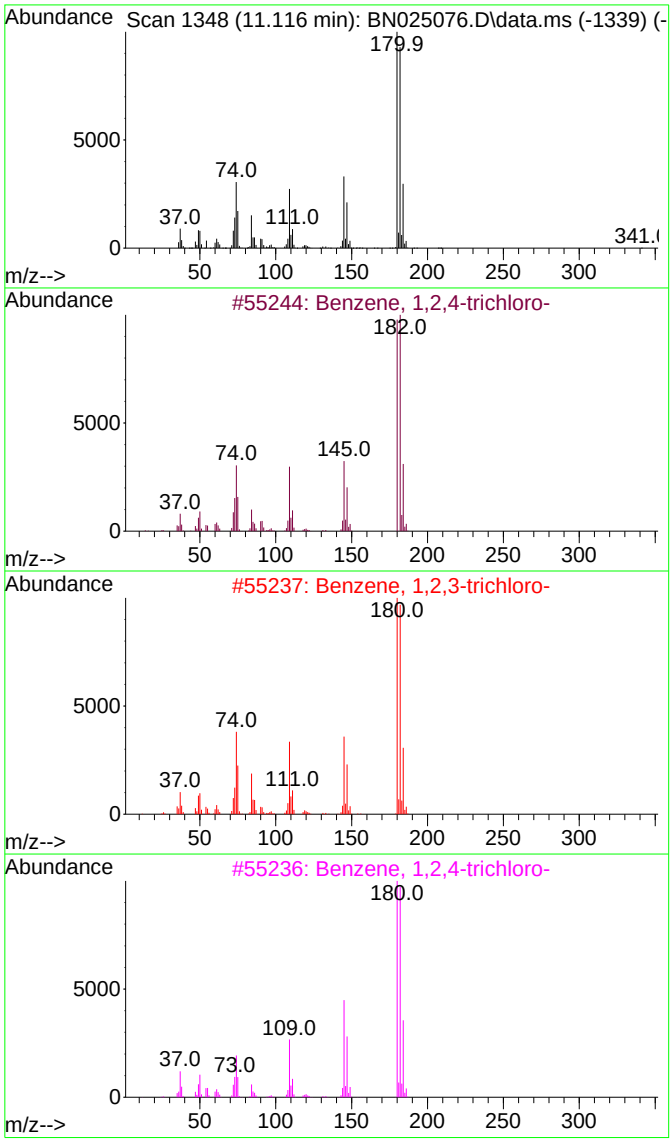
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

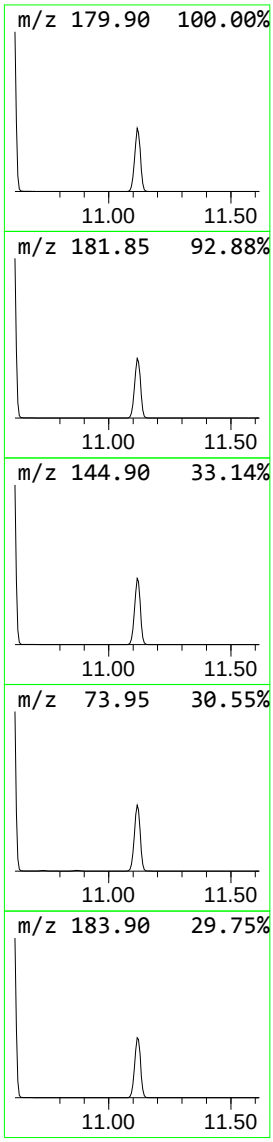
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,3-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.116	96.99 ng/ul	12134700	Naphthalene-d8	10.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98
2	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
3	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
Data File : BN025076.D
Acq On : 22 Apr 2023 15:09
Operator : CG/JU
Sample : 02399-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0MM1

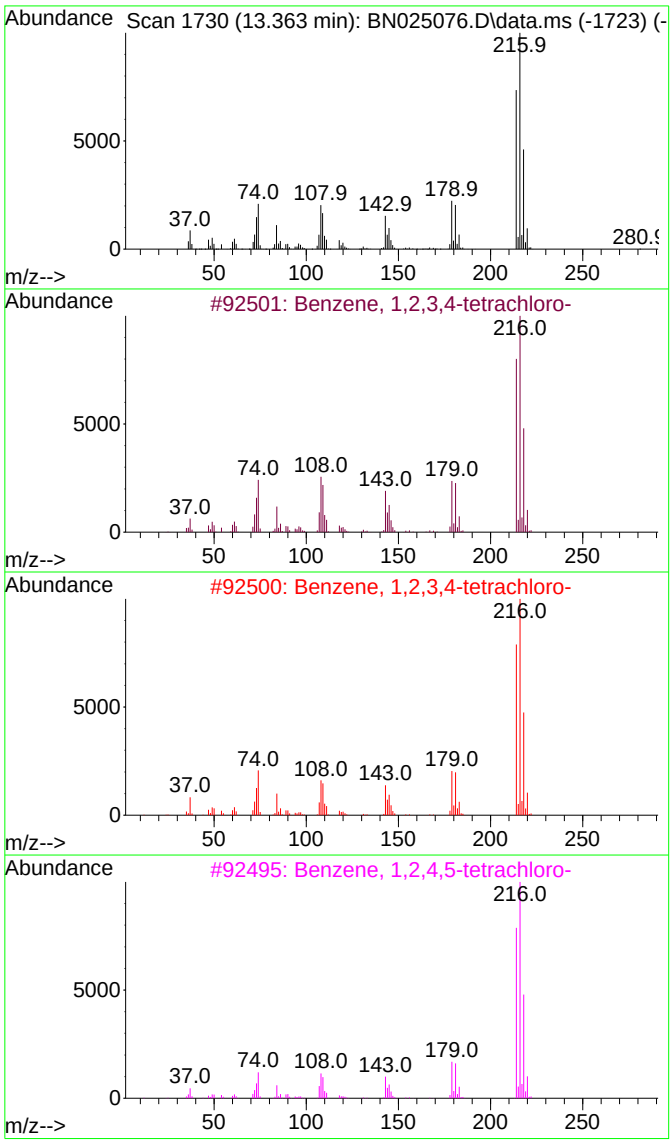
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

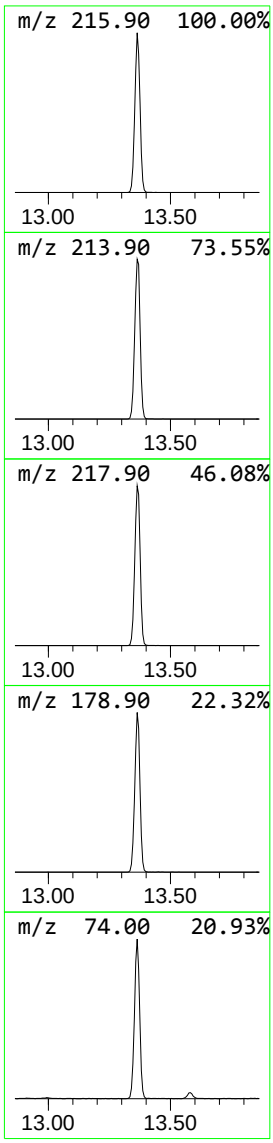
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2,3,4-tetrachloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.363	27.21 ng/ul	4673600	Acenaphthene-d10	14.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	99
2	Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	99
3	Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	99
4	Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	99
5	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	99





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Data File : BN025076.D
Acq On : 22 Apr 2023 15:09
Operator : CG/JU
Sample : 02399-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0MM1

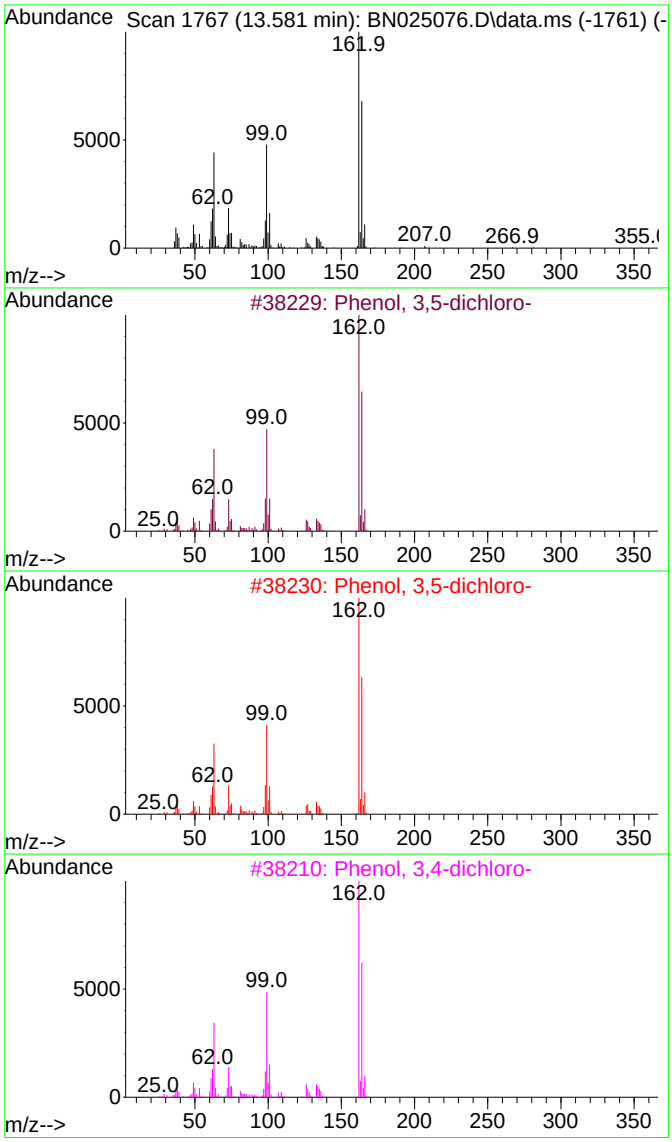
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

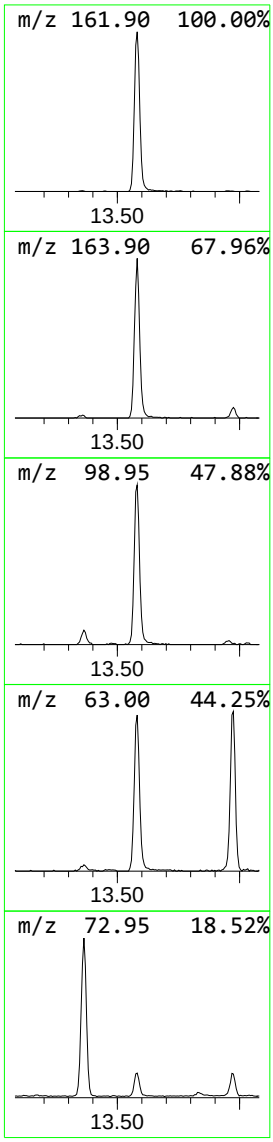
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenol, 3,5-dichloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.581	3.20 ng/ul	549808	Acenaphthene-d10	14.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	98
2	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	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, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
Data File : BN025076.D
Acq On : 22 Apr 2023 15:09
Operator : CG/JU
Sample : 02399-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0MM1

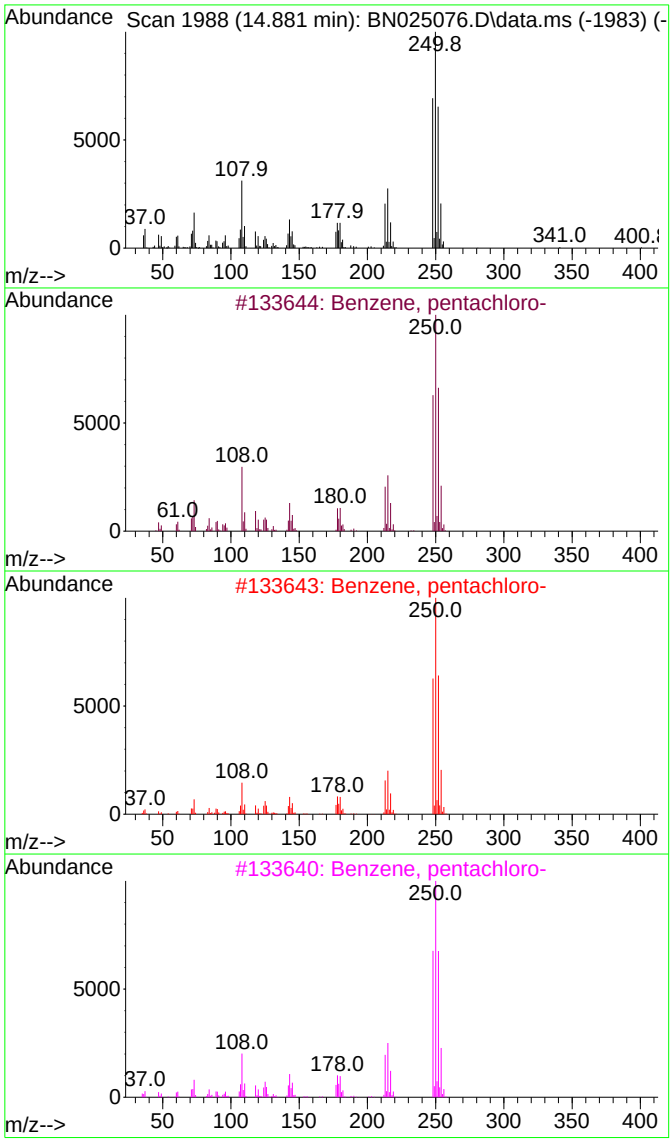
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

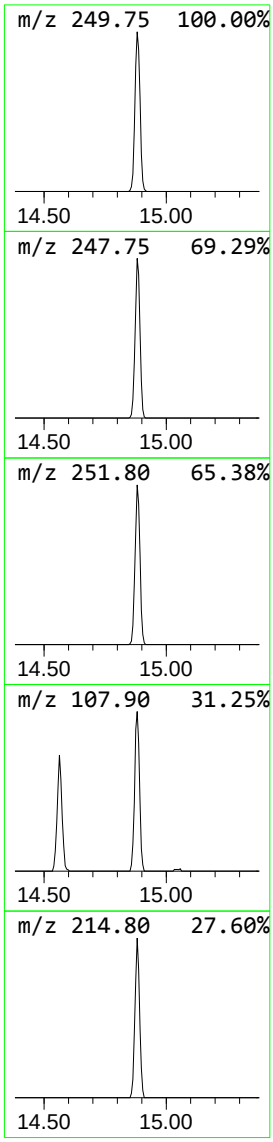
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, pentachloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.881	2.95 ng/ul	506175	Acenaphthene-d10	14.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentachloro-	248	C6HCl5	000608-93-5	99
2	Benzene, pentachloro-	248	C6HCl5	000608-93-5	99
3	Benzene, pentachloro-	248	C6HCl5	000608-93-5	99
4	Benzene, pentachloro-	248	C6HCl5	000608-93-5	96
5	Benzene, pentachloro-	248	C6HCl5	000608-93-5	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
Data File : BN025076.D
Acq On : 22 Apr 2023 15:09
Operator : CG/JU
Sample : 02399-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0MM1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

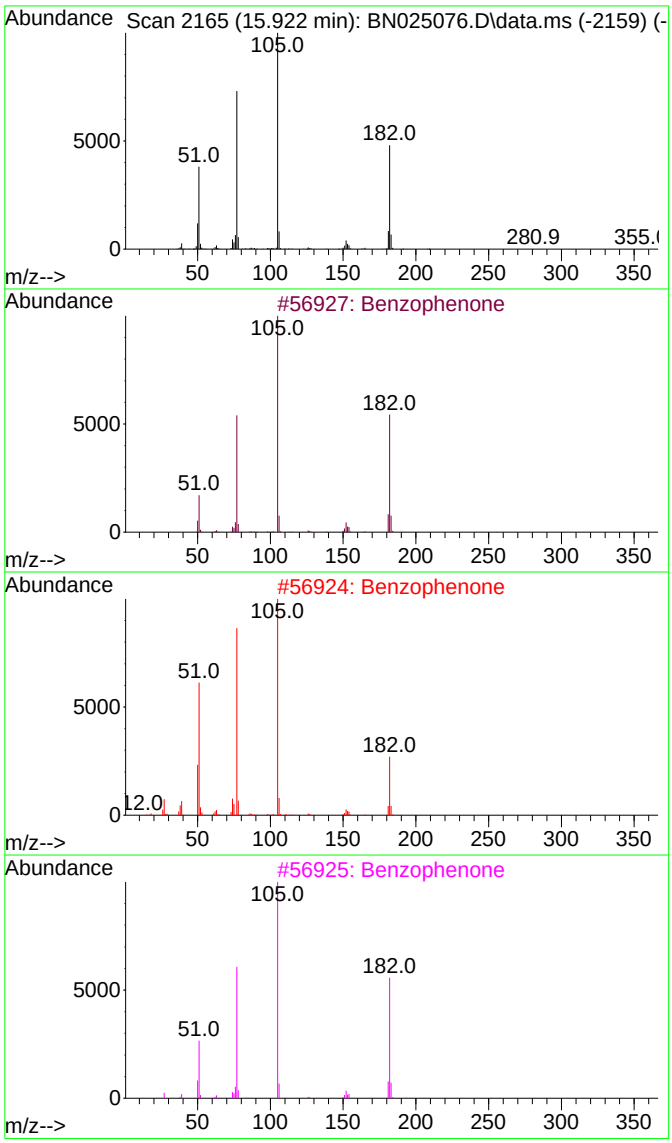
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

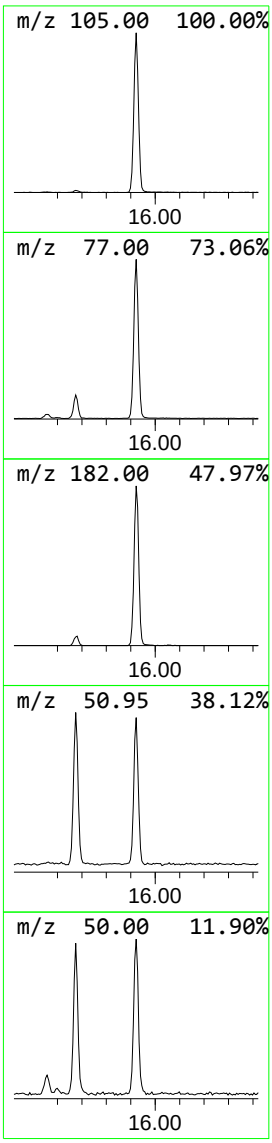
****

Peak Number 11 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.922	4.32 ng/ul	742148	Acenaphthene-d10	14.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	95
5	Benzophenone	182	C13H10O	000119-61-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
Data File : BN025076.D
Acq On : 22 Apr 2023 15:09
Operator : CG/JU
Sample : 02399-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0MM1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, chloro-	5.205	29.6	ng/ul	35269200	1	7.916	23868300	20.0
Benzene, 1,4-di...	7.805	4.4	ng/ul	5282440	1	7.916	23868300	20.0
Benzene, 1,2-di...	8.293	70.6	ng/ul	84295400	1	7.916	23868300	20.0
Benzene, 1-brom...	9.422	4.2	ng/ul	520281	2	10.734	2502300	20.0
Benzene, 1-brom...	9.740	2.1	ng/ul	269148	2	10.734	2502300	20.0
Benzene, 1,2,4-...	10.605	407.4	ng/ul	50974000	2	10.734	2502300	20.0
Benzene, 1,2,3-...	11.116	97.0	ng/ul	12134700	2	10.734	2502300	20.0
Benzene, 1,2,3,...	13.363	27.2	ng/ul	4673600	3	14.563	3435290	20.0
Phenol, 3,5-dic...	13.581	3.2	ng/ul	549808	3	14.563	3435290	20.0
Benzene, pentac...	14.881	3.0	ng/ul	506175	3	14.563	3435290	20.0
Benzophenone	15.922	4.3	ng/ul	742148	3	14.563	3435290	20.0