LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090122\
Data File : BM036477.D
Acq On : 01 Sep 2022 17:36
Operator : CG/JU
Sample : N4458-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0KW5

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\SFAM-EPA-BM081622.M
Title : SVOA CALIBRATION

Signal : TIC: BM036477.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.563	96	98	121	rBV	257659	529384	0.32%	0.072%
2	5.034	339	348	355	rBV3	29725369	110844281	66.89%	15.078%
3	6.399	574	580	592	rBV	216984	357646	0.22%	0.049%
4	6.910	661	667	680	rVB2	243409	463695	0.28%	0.063%
5	7.081	688	696	706	rBV	982560	1772542	1.07%	0.241%
6	7.263	720	727	739	rBV	901157	1658319	1.00%	0.226%
7	7.634	779	790	801	rBV	25634797	63415580	38.27%	8.626%
8	7.787	801	816	829	rBV3	32729813	159072217	96.00%	21.638%
9	8.116	859	872	882	rBV2	32560998	165699306	100.00%	22.540%
10	8.457	923	930	942	rBV	717076	1139584	0.69%	0.155%
11	8.904	998	1006	1009	rBV	1350734	2169818	1.31%	0.295%
12	8.945	1009	1013	1025	rVB	2818436	4362606	2.63%	0.593%
13	9.228	1054	1061	1068	rBV	805497	1255726	0.76%	0.171%
14	9.451	1092	1099	1103	rBV	187521	291948	0.18%	0.040%
15	9.498	1103	1107	1110	rVV	175492	333159	0.20%	0.045%
16	9.540	1110	1114	1121	rVV	402522	677869	0.41%	0.092%
17	9.622	1121	1128	1133	rVV	1019851	1717592	1.04%	0.234%
18	9.663	1133	1135	1147	rVB	121411	199567	0.12%	0.027%
19	10.163	1212	1220	1229	rBV	1320383	2349757	1.42%	0.320%
20	10.422	1251	1264	1267	rBV3	35393669	104928334	63.32%	14.273%
21	10.545	1278	1285	1290	rBV	1148979	1710893	1.03%	0.233%
22	10.681	1300	1308	1321	rBV	835219	1452578	0.88%	0.198%
23	10.928	1336	1350	1361	rBV	24320455	44649797	26.95%	6.074%
24	11.139	1379	1386	1402	rVB	1547619	2447214	1.48%	0.333%
25	11.357	1415	1423	1436	rBV	299943	589532	0.36%	0.080%
26	11.839	1499	1505	1516	rVB3	111003	245126	0.15%	0.033%
27	12.528	1616	1622	1623	rBV2	355341	467826	0.28%	0.064%
28	12.563	1623	1628	1636	rVB	2164065	3253105	1.96%	0.443%
29	13.175	1722	1732	1743	rBV	6632234	9508803	5.74%	1.293%
30	13.798	1828	1838	1844	rBV	2469708	3431633	2.07%	0.467%
31	14.069	1878	1884	1893	rVB	2979665	4160365	2.51%	0.566%
32	14.192	1899	1905	1916	rBV	165432	286982	0.17%	0.039%
33	14.374	1929	1936	1942	rBV	1424255	2050681	1.24%	0.279%
34	14.610	1971	1976	1985	rBV2	132883	266586	0.16%	0.036%
35	14.692	1985	1990	1996	rVB	230139	325942	0.20%	0.044%
36	15.369	2096	2105	2111	rBV	3791088	5223501	3.15%	0.711%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090122\
Data File : BM036477.D
Acq On : 01 Sep 2022 17:36
Operator : CG/JU
Sample : N4458-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0KW5

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\SFAM-EPA-BM081622.M
Title : SVOA CALIBRATION

37	15.504	2122	2128	2141	rVB	1197452	1630936	0.98%	0.222%
38	17.121	2394	2403	2412	rBV	1824497	2416264	1.46%	0.329%
39	17.221	2413	2420	2431	rVV	4315382	5780263	3.49%	0.786%
40	18.027	2552	2557	2564	rBV	135609	211270	0.13%	0.029%
41	18.498	2632	2637	2645	rVB	1019234	1291341	0.78%	0.176%
42	19.515	2804	2810	2818	rBV	5257464	6944173	4.19%	0.945%
43	20.521	2978	2981	2986	rBV	149998	178739	0.11%	0.024%
44	21.309	3110	3115	3122	rBV	2457456	2970205	1.79%	0.404%
45	23.456	3473	3480	3496	rVB2	3980786	7495326	4.52%	1.020%
46	23.603	3499	3505	3514	rVB2	1525663	2915684	1.76%	0.397%

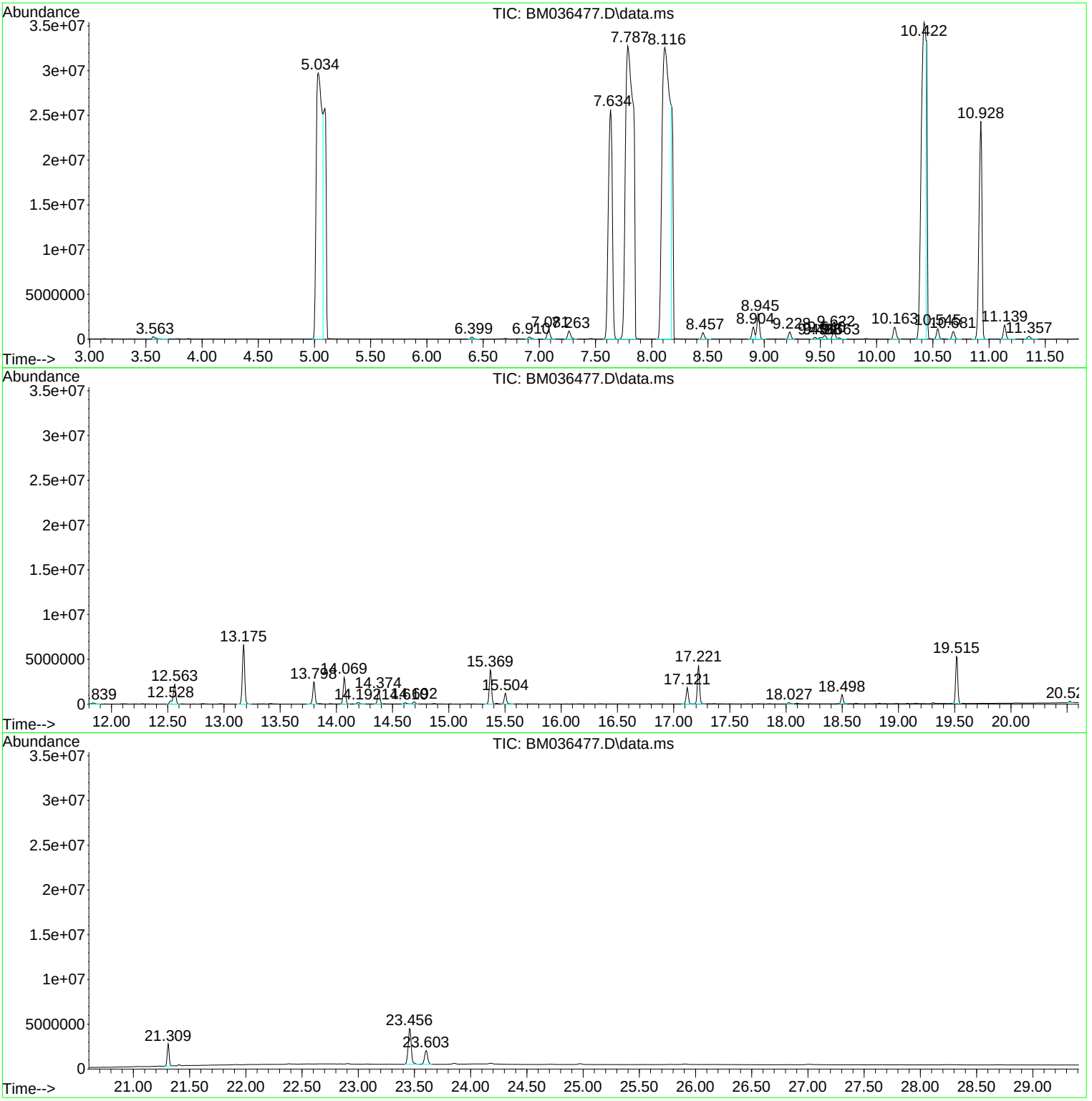
Sum of corrected areas: 735143695

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090122\
Data File : BM036477.D
Acq On : 01 Sep 2022 17:36
Operator : CG/JU
Sample : N4458-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0KW5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090122\
Data File : BM036477.D
Acq On : 01 Sep 2022 17:36
Operator : CG/JU
Sample : N4458-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0KW5

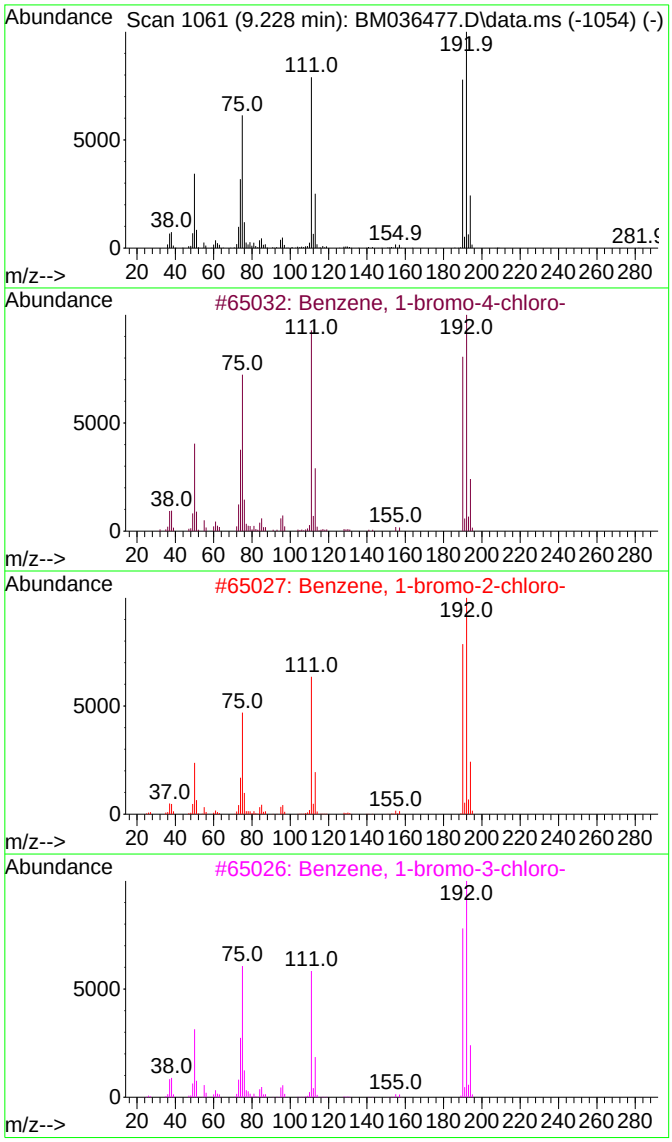
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION

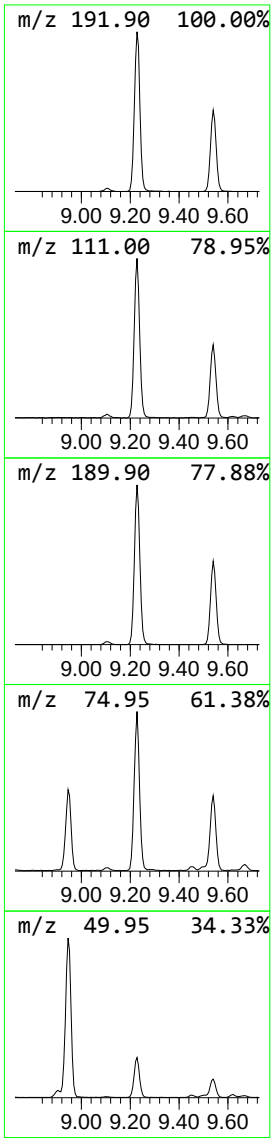
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.228	14.68 ng/ul	1255730	Naphthalene-d8	10.545

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	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
4	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	97
5	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090122\
Data File : BM036477.D
Acq On : 01 Sep 2022 17:36
Operator : CG/JU
Sample : N4458-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0KW5

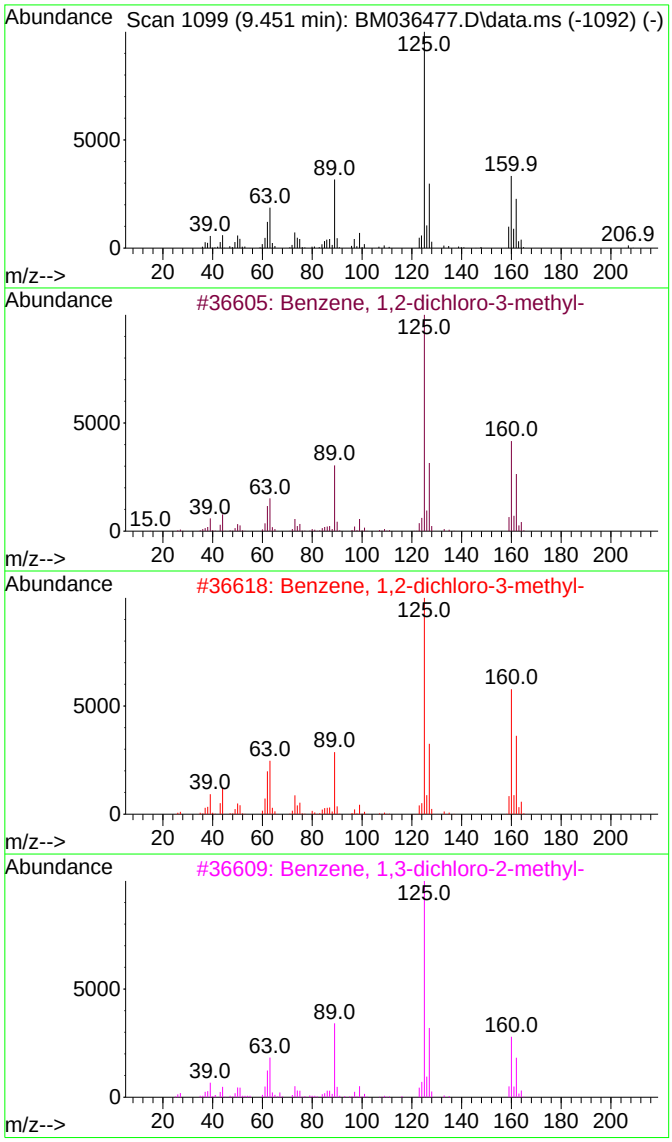
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION

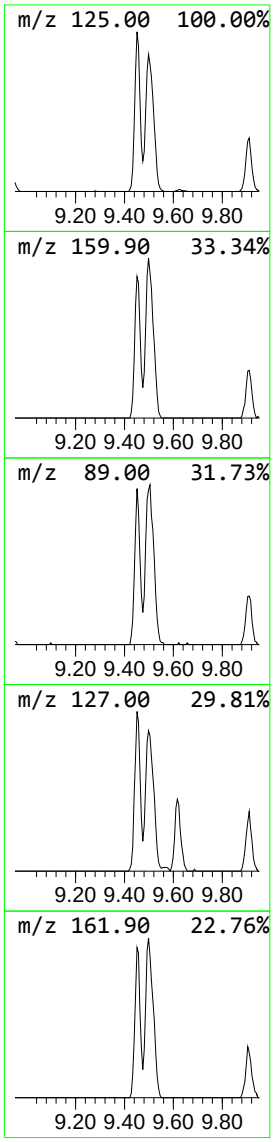
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2-dichloro-3-met... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.451	3.41 ng/ul	291948	Naphthalene-d8	10.545

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090122\
Data File : BM036477.D
Acq On : 01 Sep 2022 17:36
Operator : CG/JU
Sample : N4458-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0KW5

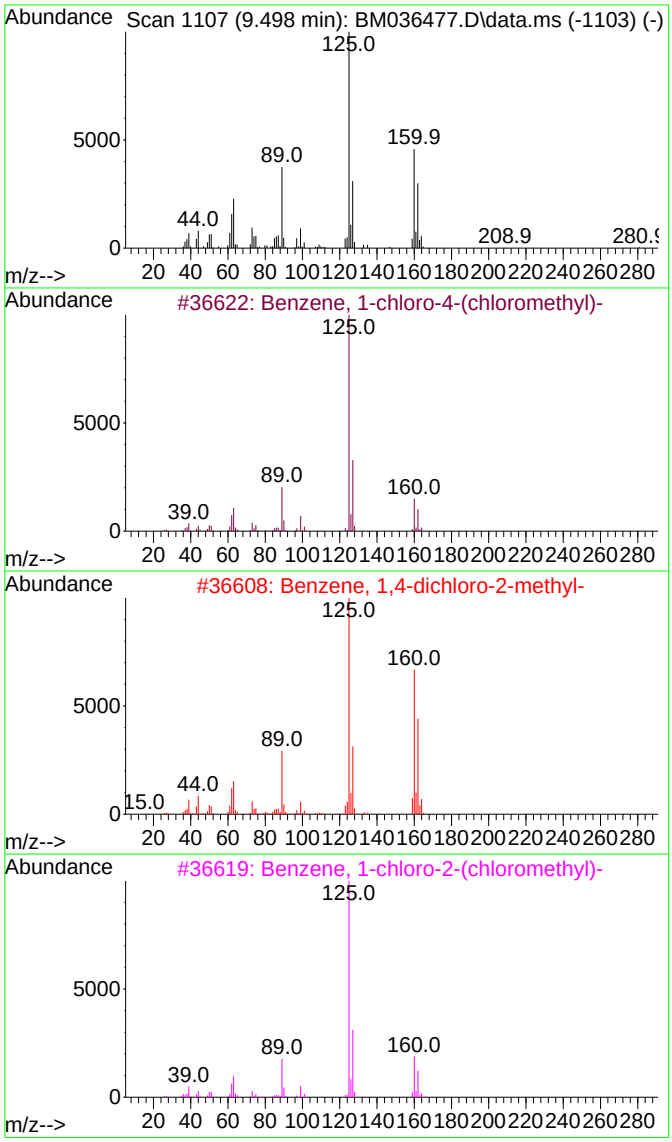
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION

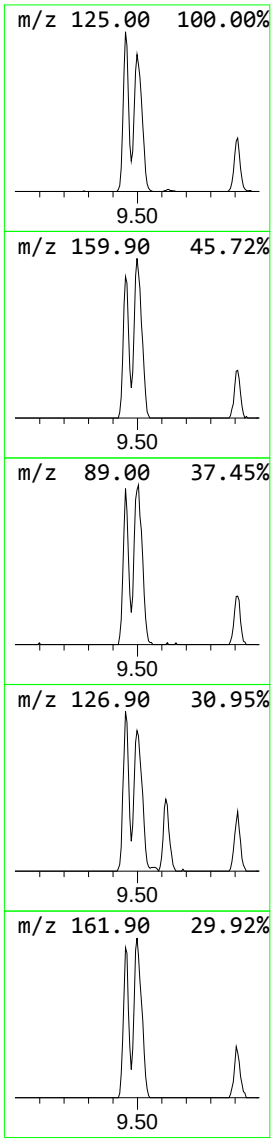
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-chloro-4-(chloro... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.498	3.89 ng/ul	333159	Naphthalene-d8	10.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-4-(chloromethyl)-	160	C7H6Cl2	000104-83-6	97
2	Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96
3	Benzene, 1-chloro-2-(chloromethyl)-	160	C7H6Cl2	000611-19-8	96
4	Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	95
5	Benzene, 1-chloro-4-(chloromethyl)-	160	C7H6Cl2	000104-83-6	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090122\
Data File : BM036477.D
Acq On : 01 Sep 2022 17:36
Operator : CG/JU
Sample : N4458-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0KW5

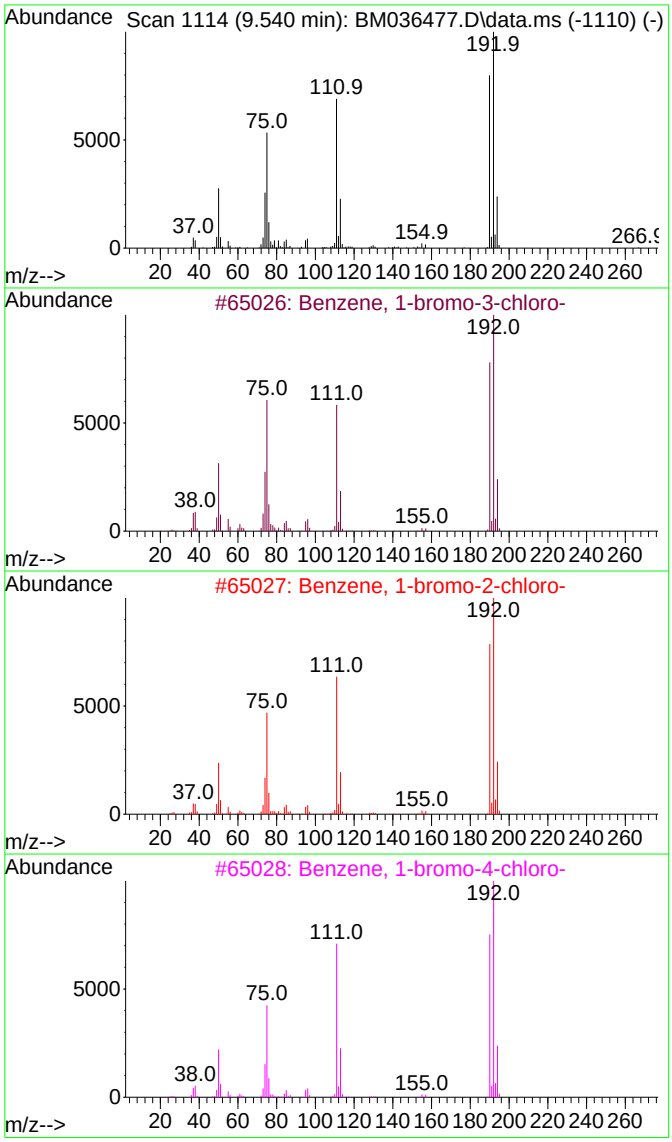
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION

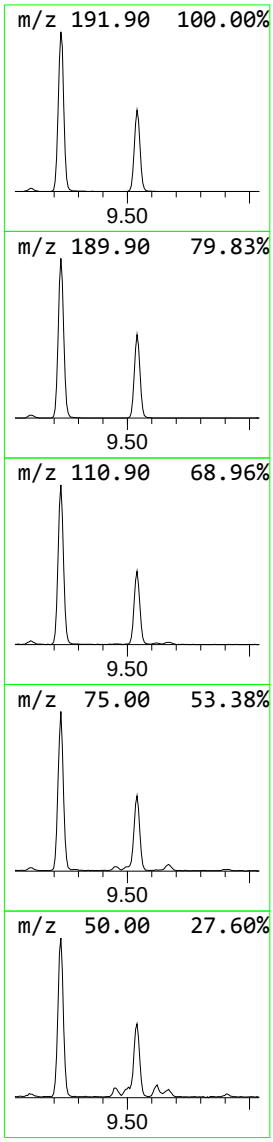
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-bromo-3-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.540	7.92 ng/ul	677869	Naphthalene-d8	10.545

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090122\
Data File : BM036477.D
Acq On : 01 Sep 2022 17:36
Operator : CG/JU
Sample : N4458-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0KW5

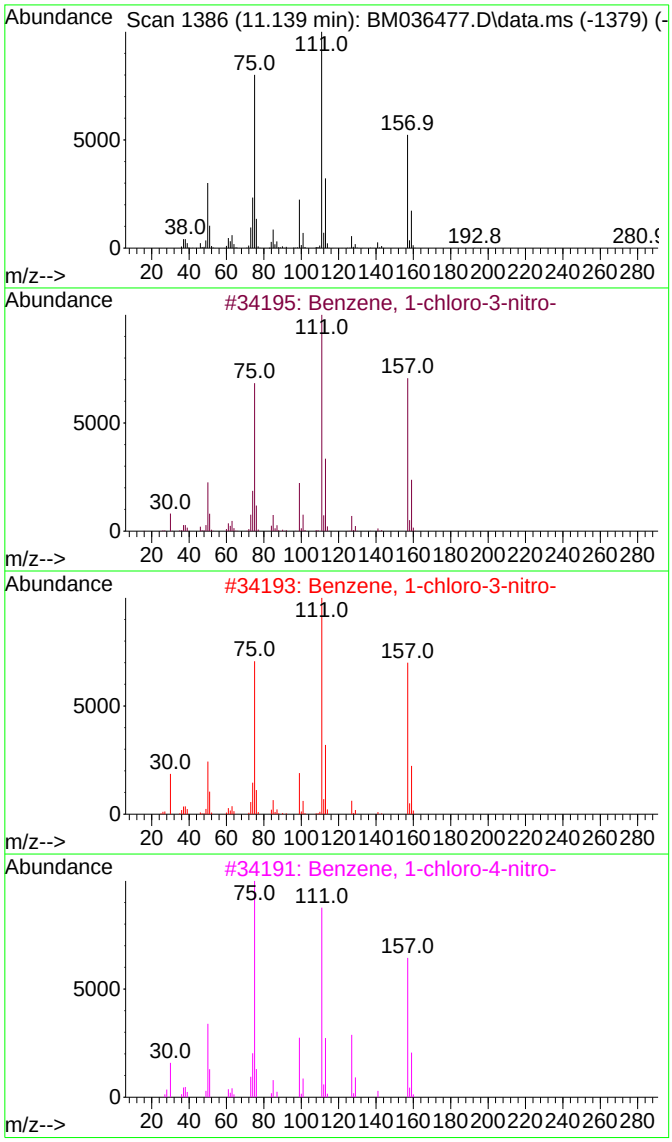
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION

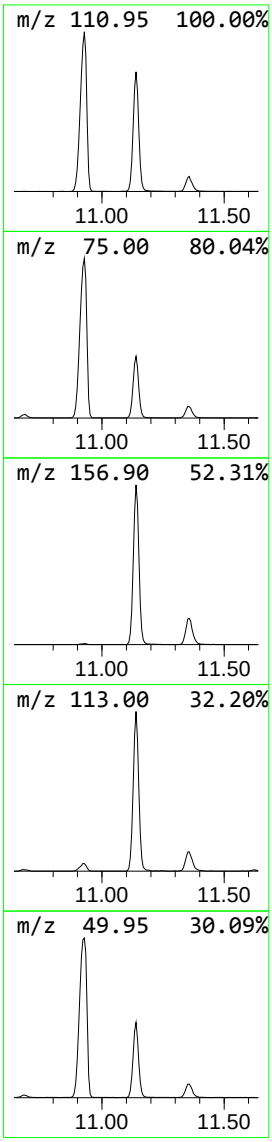
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.139	28.61 ng/ul	2447210	Naphthalene-d8	10.545

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-3-nitro-	157	C6H4ClNO2	000121-73-3	94
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
5	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090122\
Data File : BM036477.D
Acq On : 01 Sep 2022 17:36
Operator : CG/JU
Sample : N4458-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0KW5

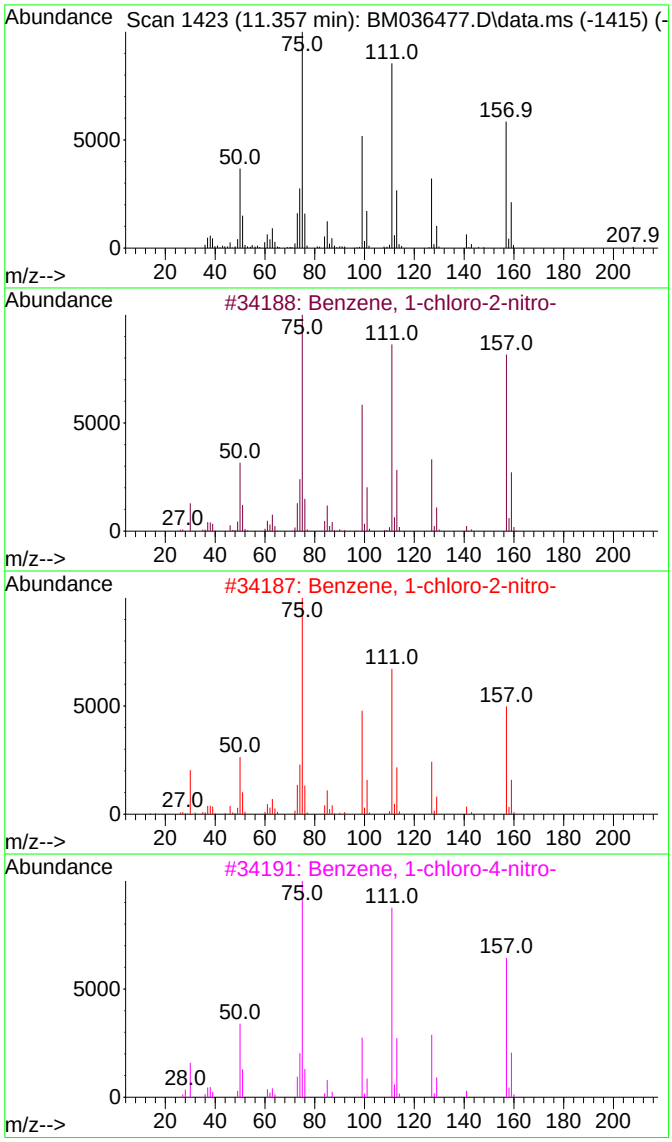
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION

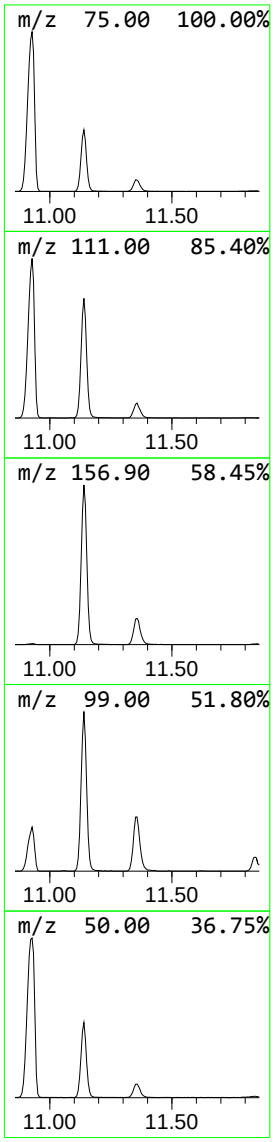
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-chloro-2-nitro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.357	6.89 ng/ul	589532	Naphthalene-d8	10.545

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090122\
Data File : BM036477.D
Acq On : 01 Sep 2022 17:36
Operator : CG/JU
Sample : N4458-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0KW5

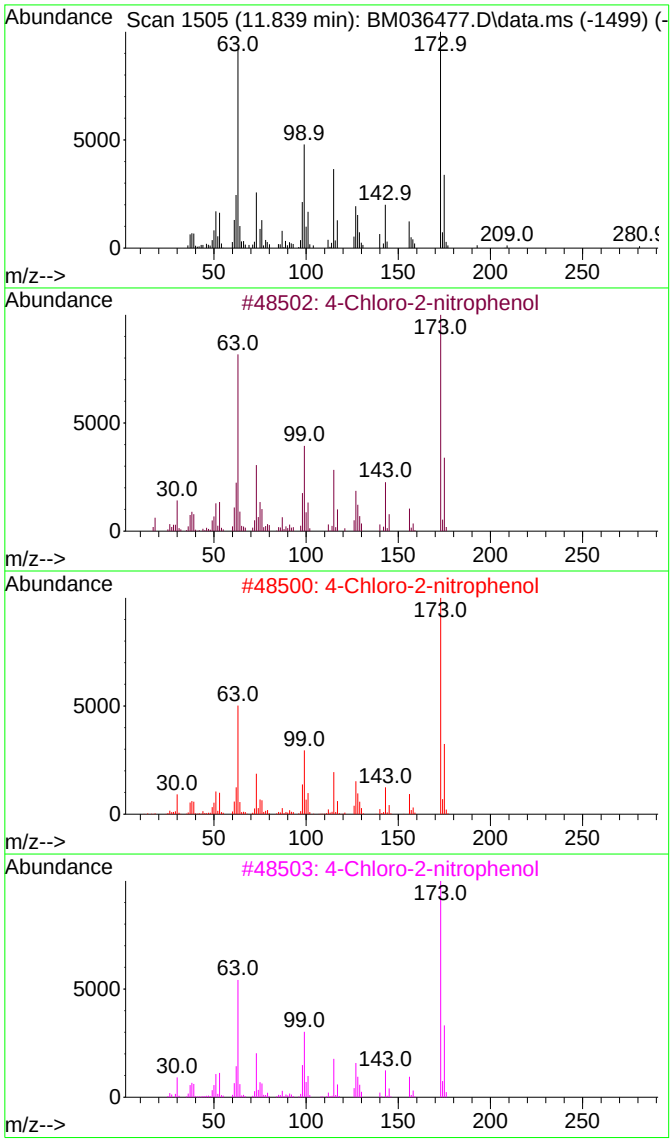
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION

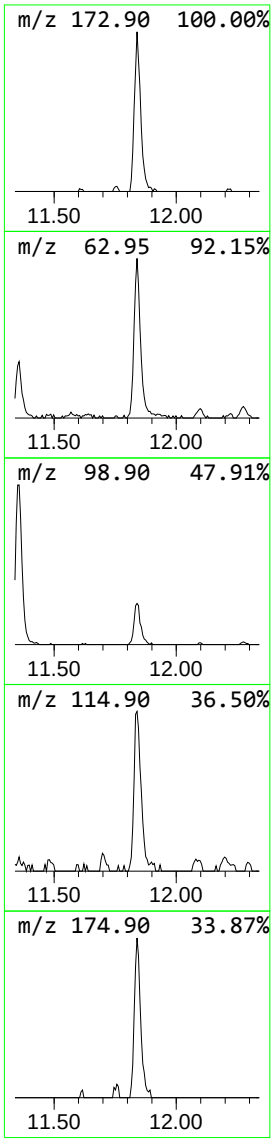
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4-Chloro-2-nitrophenol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	2.87 ng/ul	245126	Naphthalene-d8	10.545

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	96
3	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	96
4	2-Chloro-6-nitrophenol	173	C6H4ClNO3	000603-86-1	93
5	2-Chloro-5-nitrophenol	173	C6H4ClNO3	000619-10-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090122\
Data File : BM036477.D
Acq On : 01 Sep 2022 17:36
Operator : CG/JU
Sample : N4458-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0KW5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION

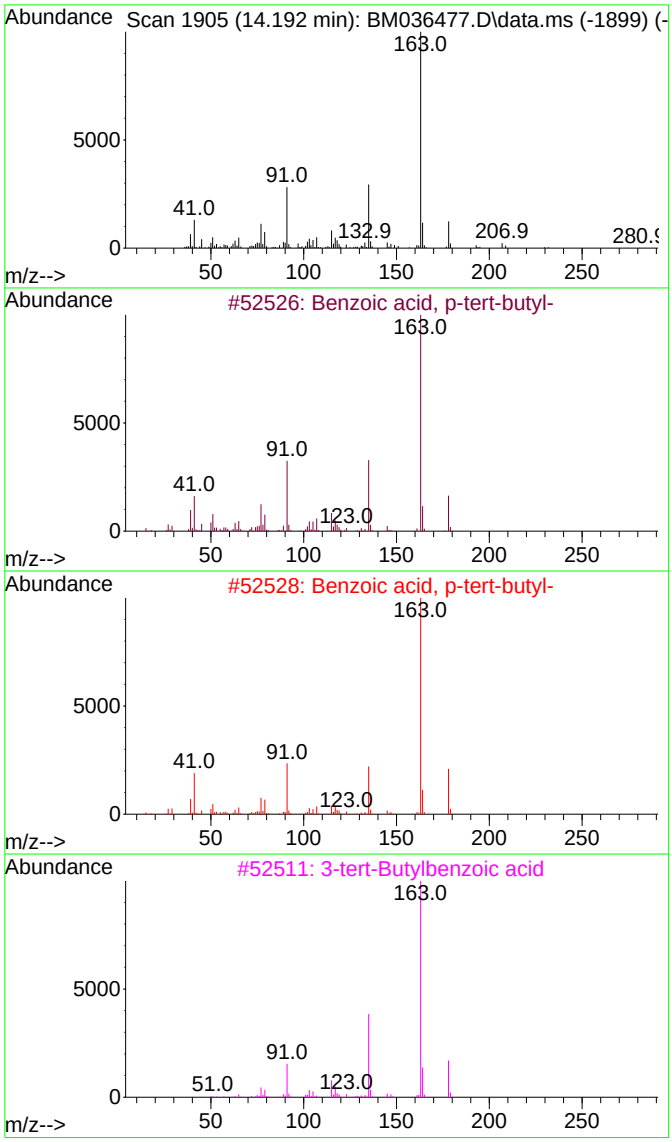
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

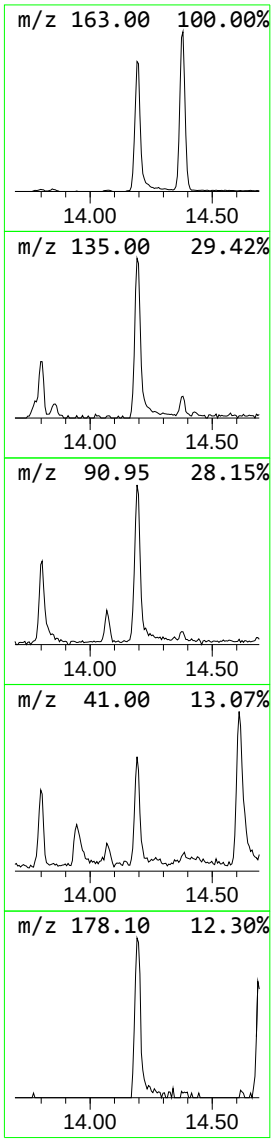
****

Peak Number 13 Benzoic acid, p-tert-butyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.192	2.80 ng/ul	286982	Acenaphthene-d10	14.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	96
2	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	93
3	3-tert-Butylbenzoic acid	178	C11H14O2	007498-54-6	93
4	Benzaldehyde, 5-(1,1-dimethyleth...	178	C11H14O2	002725-53-3	72
5	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090122\
Data File : BM036477.D
Acq On : 01 Sep 2022 17:36
Operator : CG/JU
Sample : N4458-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0KW5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION

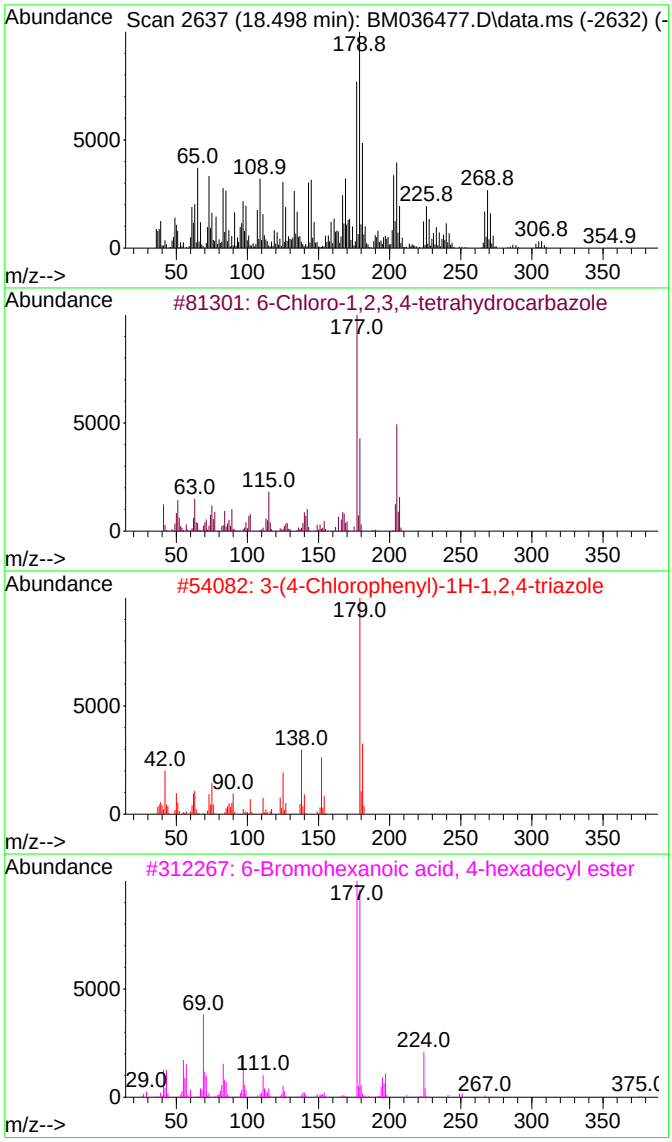
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

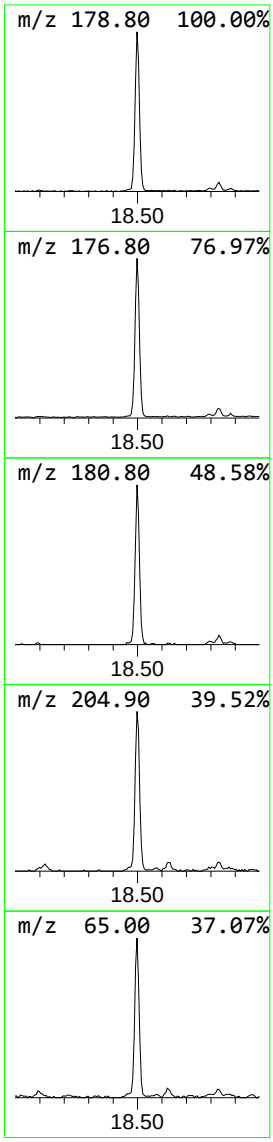
****

Peak Number 14 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.498	10.69 ng/ul	1291340	Phenanthrene-d10	17.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	42
2	3-(4-Chlorophenyl)-1H-1,2,4-tria...	179	C8H6ClN3	023195-59-7	35
3	6-Bromohexanoic acid, 4-hexadecy...	418	C22H43BrO2	1000282-90-6	25
4	Phenanthridine	179	C13H9N	000229-87-8	25
5	2H-1-Benzopyran, 3,4,4a,5,6,8a-h...	194	C13H22O	041678-32-4	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090122\
Data File : BM036477.D
Acq On : 01 Sep 2022 17:36
Operator : CG/JU
Sample : N4458-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0KW5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.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, 1-brom...	9.228	14.7	ng/ul	1255730	2	10.545	1710890	20.0
Benzene, 1,2-di...	9.451	3.4	ng/ul	291948	2	10.545	1710890	20.0
Benzene, 1-chlo...	9.498	3.9	ng/ul	333159	2	10.545	1710890	20.0
Benzene, 1-brom...	9.540	7.9	ng/ul	677869	2	10.545	1710890	20.0
Benzene, 1-chlo...	11.139	28.6	ng/ul	2447210	2	10.545	1710890	20.0
Benzene, 1-chlo...	11.357	6.9	ng/ul	589532	2	10.545	1710890	20.0
4-Chloro-2-nitr...	11.839	2.9	ng/ul	245126	2	10.545	1710890	20.0
Benzoic acid, p...	14.192	2.8	ng/ul	286982	3	14.374	2050680	20.0
unknown-01	18.498	10.7	ng/ul	1291340	4	17.121	2416260	20.0