LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042122\
Data File : BM034759.D
Acq On : 21 Apr 2022 22:53
Operator : CG/JU
Sample : N2488-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0HZ6

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-BM042122.M
Title : SVOA CALIBRATION

Signal : TIC: BM034759.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.122	3	6	26	rVB	1247007	1664799	0.88%	0.211%
2	3.805	119	122	135	rBV	132001	224868	0.12%	0.028%
3	5.287	362	374	377	rBV4	47317960	141198926	75.00%	17.880%
4	7.104	676	683	692	rVB	179698	293244	0.16%	0.037%
5	7.281	706	713	724	rBV	603088	1001533	0.53%	0.127%
6	7.481	739	747	757	rVB	676480	1098131	0.58%	0.139%
7	7.851	798	810	821	rBV	15384651	28007205	14.88%	3.547%
8	8.028	821	840	845	rBV4	51183468	165563797	87.94%	20.965%
9	8.363	879	897	901	rBV4	51495119	188261526	100.00%	23.840%
10	8.651	938	946	956	rVB	514688	823635	0.44%	0.104%
11	9.104	1016	1023	1026	rBV	787994	1329741	0.71%	0.168%
12	9.151	1026	1031	1039	rVB	2543323	4145213	2.20%	0.525%
13	9.445	1074	1081	1088	rBV	860552	1397666	0.74%	0.177%
14	9.681	1114	1121	1124	rVV	231559	383690	0.20%	0.049%
15	9.722	1124	1128	1130	rVV	215492	355208	0.19%	0.045%
16	9.757	1130	1134	1140	rVV	478222	866590	0.46%	0.110%
17	9.828	1140	1146	1153	rVV	649716	1068587	0.57%	0.135%
18	9.898	1153	1158	1166	rVB	145135	239743	0.13%	0.030%
19	10.369	1231	1238	1251	rBV	891108	1498202	0.80%	0.190%
20	10.657	1272	1287	1292	rBV3	52709355	149031790	79.16%	18.872%
21	10.769	1299	1306	1311	rBV	971293	1502112	0.80%	0.190%
22	10.886	1318	1326	1336	rBV	519512	892132	0.47%	0.113%
23	11.157	1361	1372	1388	rVB	27317899	49686729	26.39%	6.292%
24	11.345	1396	1404	1412	rBV	942413	1535419	0.82%	0.194%
25	11.557	1433	1440	1448	rBV	203277	341443	0.18%	0.043%
26	12.033	1510	1521	1535	rBV3	112668	249159	0.13%	0.032%
27	12.745	1631	1642	1643	rBV2	311628	504931	0.27%	0.064%
28	12.775	1643	1647	1654	rVB	1722241	2630367	1.40%	0.333%
29	13.380	1742	1750	1761	rVB	6403143	9623970	5.11%	1.219%
30	13.986	1841	1853	1858	rBV	1756235	2510989	1.33%	0.318%
31	14.269	1894	1901	1910	rVB	1942192	2806717	1.49%	0.355%
32	14.574	1943	1953	1962	rBV	1369256	1989308	1.06%	0.252%
33	14.751	1977	1983	1994	rVB	151272	242436	0.13%	0.031%
34	14.892	2002	2007	2013	rBV	188352	277436	0.15%	0.035%
35	15.563	2113	2121	2133	rBV	2467693	3675552	1.95%	0.465%
36	15.674	2133	2140	2151	rVV	720762	1011857	0.54%	0.128%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042122\
Data File : BM034759.D
Acq On : 21 Apr 2022 22:53
Operator : CG/JU
Sample : N2488-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0HZ6

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-BM042122.M
Title : SVOA CALIBRATION

37	17.315	2410	2419	2425	rBV	1541972	2184788	1.16%	0.277%
38	17.415	2429	2436	2446	rBV	2694517	3787088	2.01%	0.480%
39	18.686	2642	2652	2659	rBV	1651583	2220546	1.18%	0.281%
40	19.704	2819	2825	2834	rBV	3162790	4251893	2.26%	0.538%
41	21.486	3123	3128	3135	rBV	1934610	2388957	1.27%	0.303%
42	23.733	3503	3510	3520	rVB2	2298886	4410616	2.34%	0.559%
43	23.886	3530	3536	3546	rVB2	1248268	2518019	1.34%	0.319%

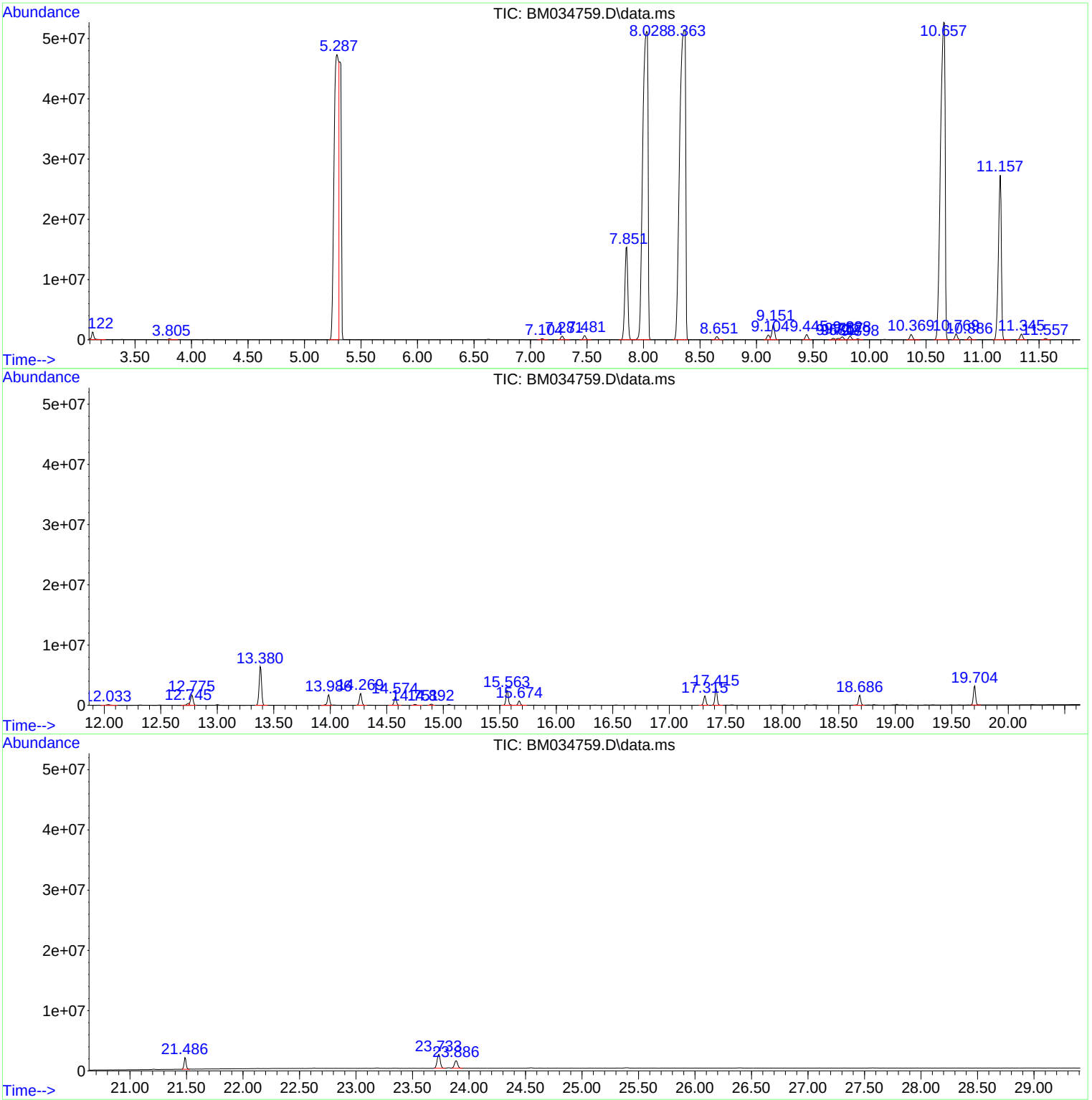
Sum of corrected areas: 789696558

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042122\
Data File : BM034759.D
Acq On : 21 Apr 2022 22:53
Operator : CG/JU
Sample : N2488-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0HZ6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM042122.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042122\
Data File : BM034759.D
Acq On : 21 Apr 2022 22:53
Operator : CG/JU
Sample : N2488-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0HZ6

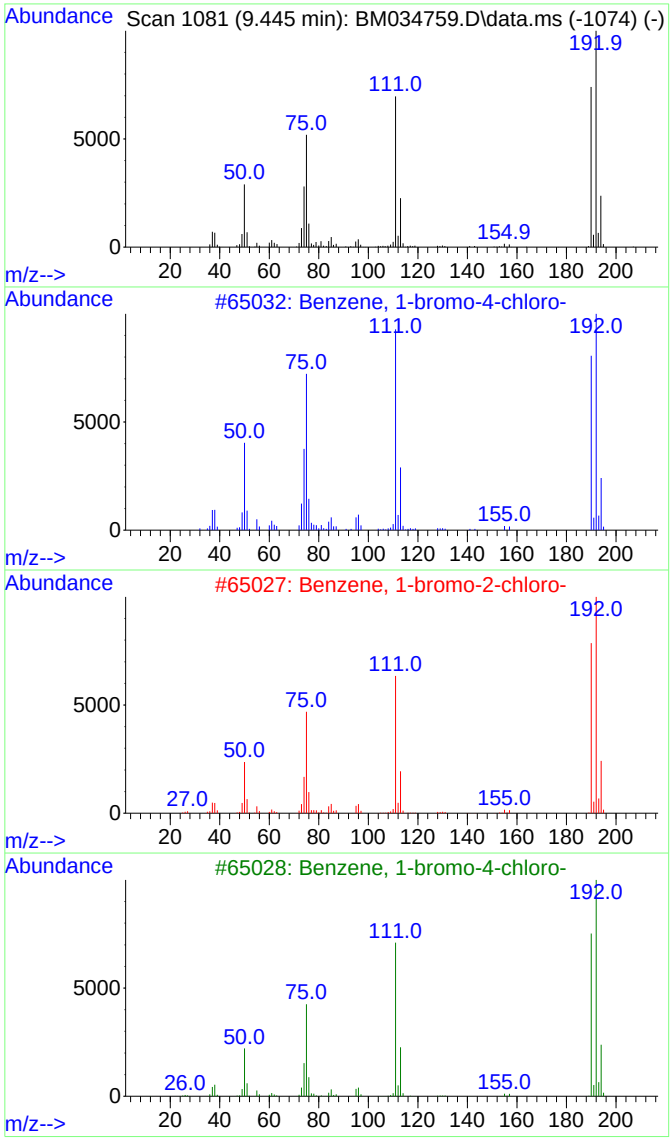
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM042122.M
Quant Title : SVOA CALIBRATION

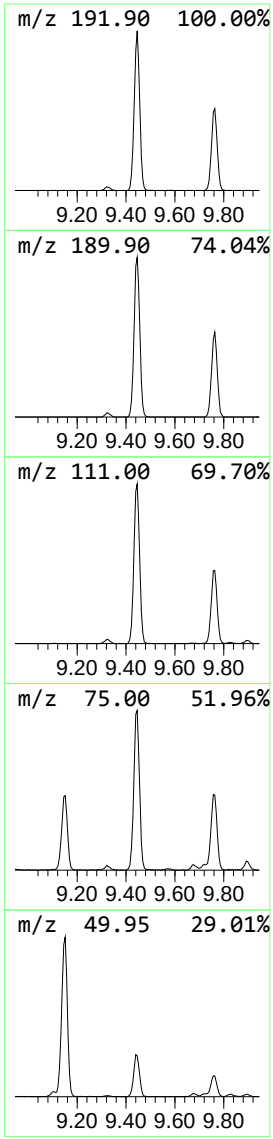
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.445	18.61 ng/ul	1397670	Naphthalene-d8	10.769

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-4-chloro-	190	C6H4BrCl	000106-39-8	98
4	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	97
5	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042122\
Data File : BM034759.D
Acq On : 21 Apr 2022 22:53
Operator : CG/JU
Sample : N2488-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0HZ6

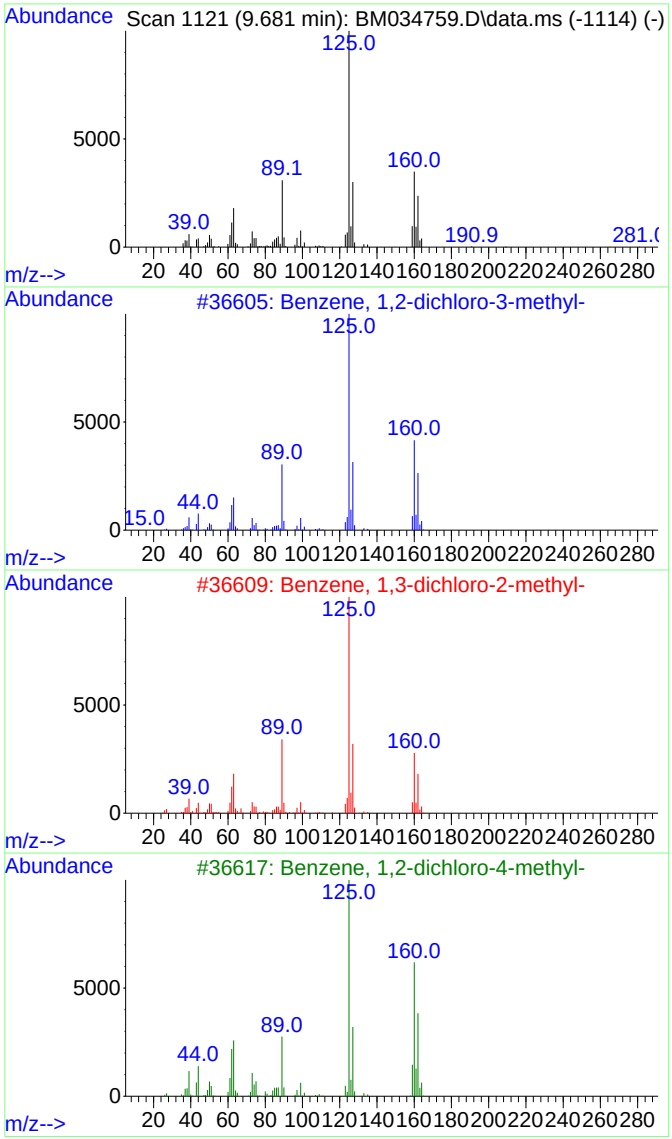
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM042122.M
Quant Title : SVOA CALIBRATION

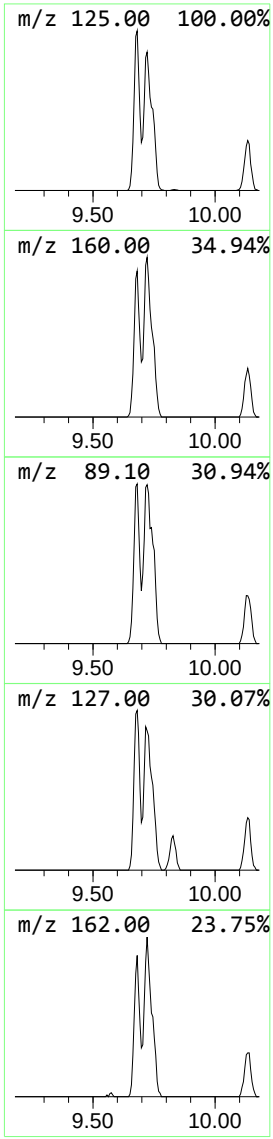
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2-dichloro-3-met... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.681	5.11 ng/ul	383690	Naphthalene-d8	10.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	98
2	Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	98
3	Benzene, 1,2-dichloro-4-methyl-	160	C7H6Cl2	000095-75-0	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\BM042122\
Data File : BM034759.D
Acq On : 21 Apr 2022 22:53
Operator : CG/JU
Sample : N2488-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0HZ6

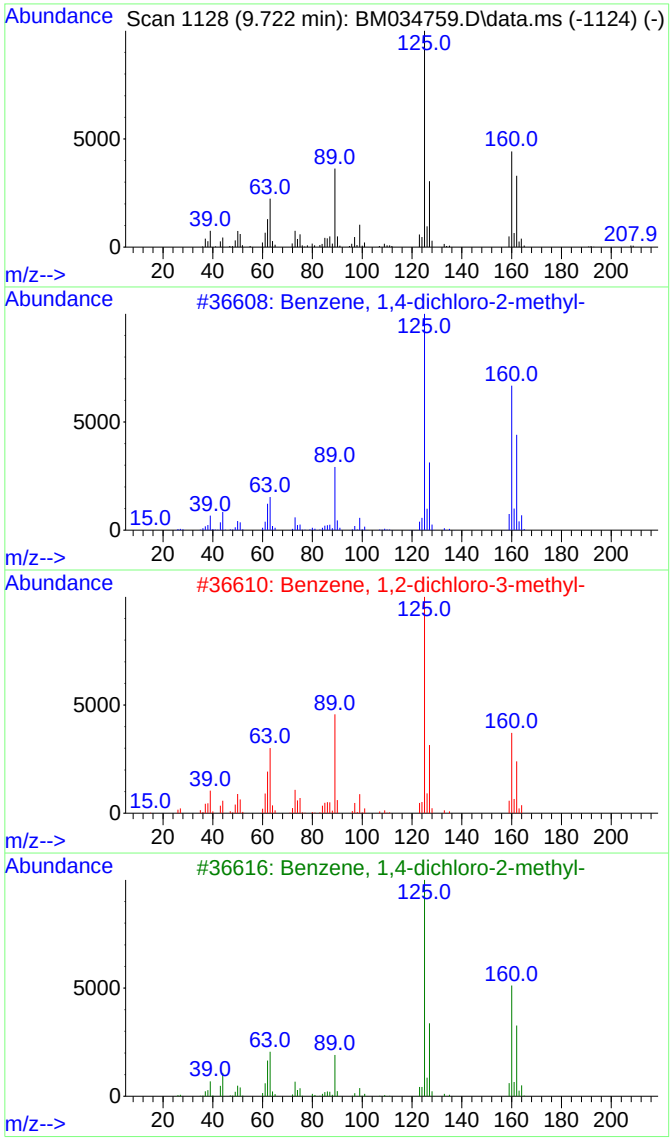
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM042122.M
Quant Title : SVOA CALIBRATION

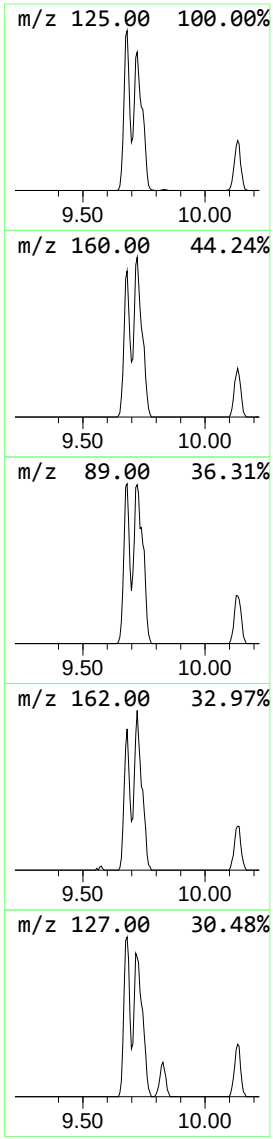
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,4-dichloro-2-met... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.722	4.73 ng/ul	355208	Naphthalene-d8	10.769

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042122\
Data File : BM034759.D
Acq On : 21 Apr 2022 22:53
Operator : CG/JU
Sample : N2488-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0HZ6

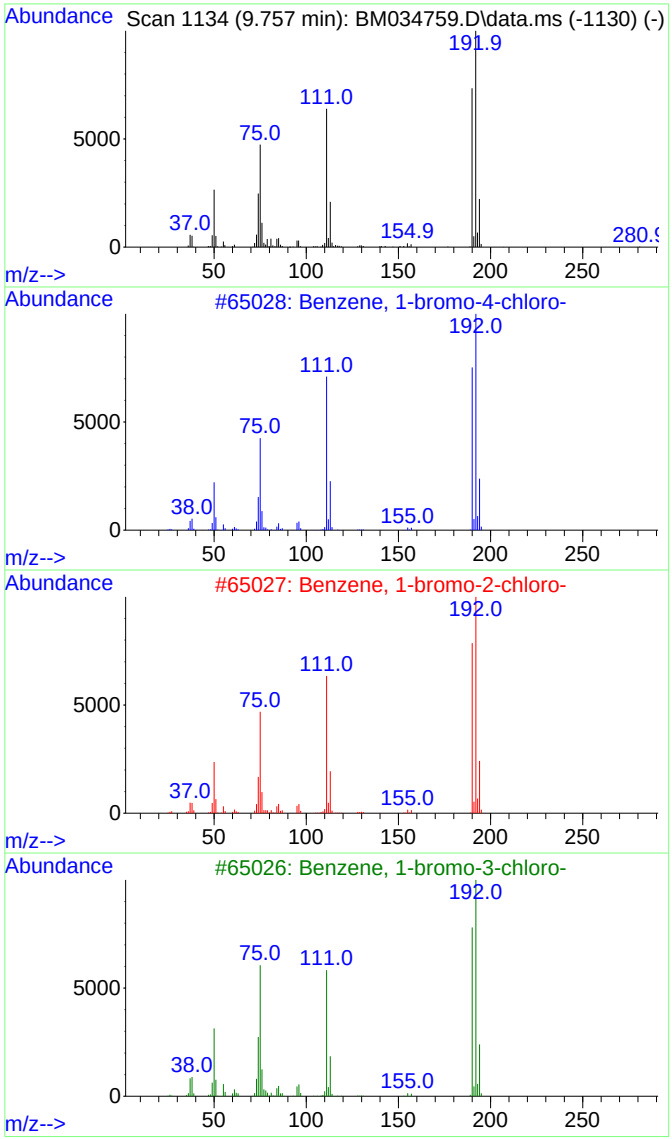
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM042122.M
Quant Title : SVOA CALIBRATION

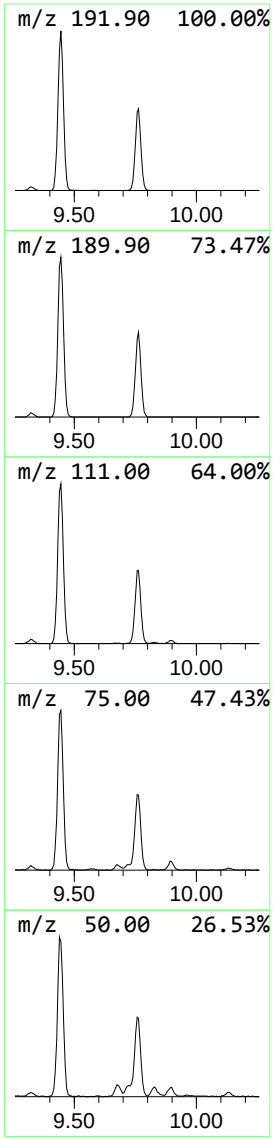
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-bromo-2-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.757	11.54 ng/ul	866590	Naphthalene-d8	10.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	96
2	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	96
3	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	94
4	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	94
5	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042122\
Data File : BM034759.D
Acq On : 21 Apr 2022 22:53
Operator : CG/JU
Sample : N2488-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0HZ6

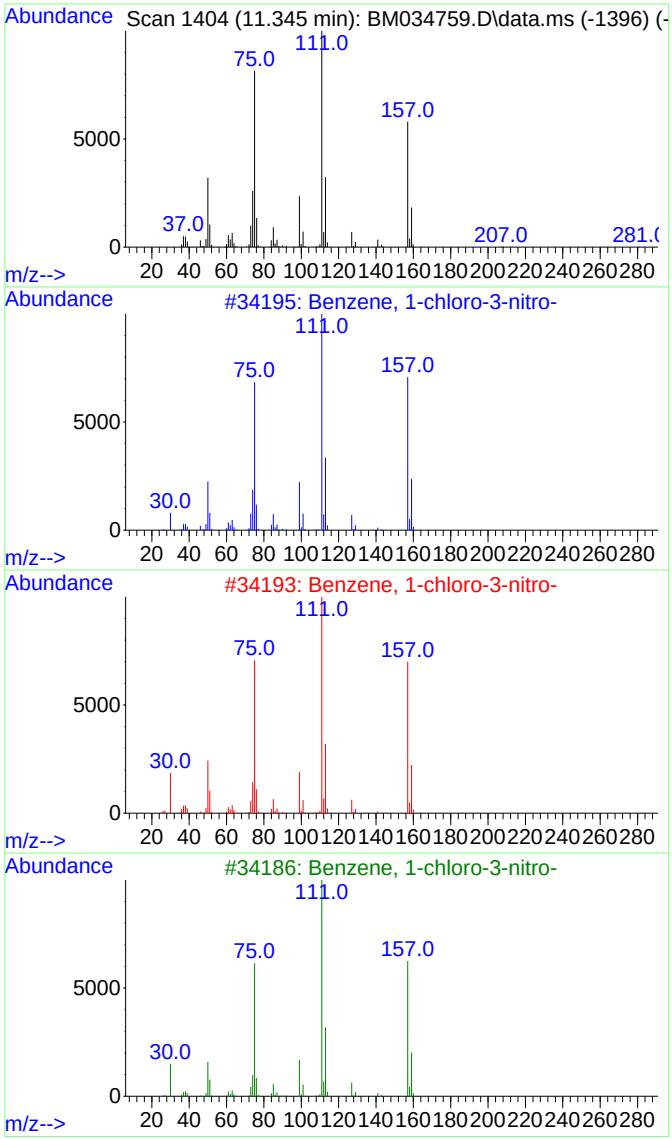
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM042122.M
Quant Title : SVOA CALIBRATION

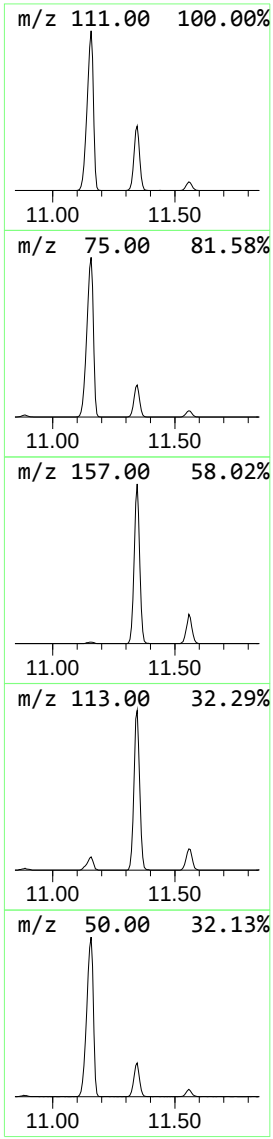
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-chloro-3-nitro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.345	20.44 ng/ul	1535420	Naphthalene-d8	10.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
2	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	95
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	95
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042122\
Data File : BM034759.D
Acq On : 21 Apr 2022 22:53
Operator : CG/JU
Sample : N2488-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0HZ6

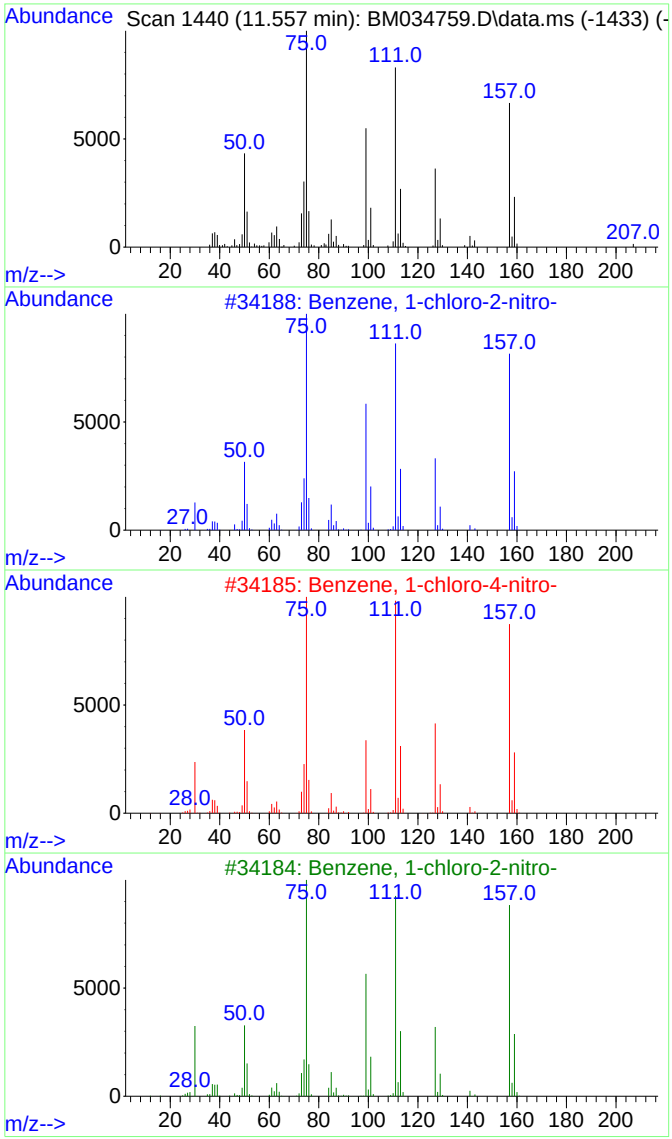
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM042122.M
Quant Title : SVOA CALIBRATION

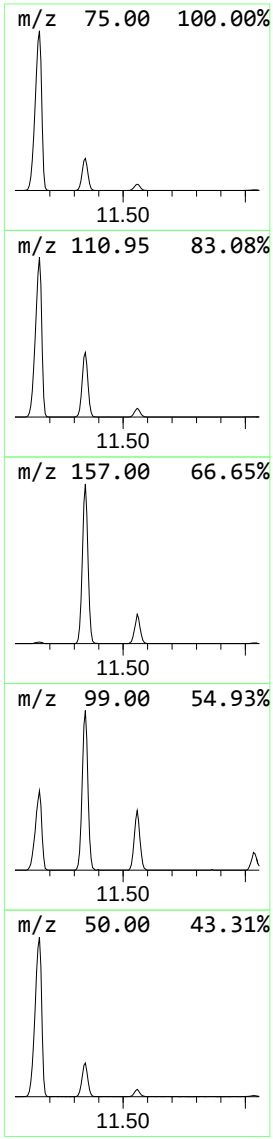
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.557	4.55 ng/ul	341443	Naphthalene-d8	10.769

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042122\
Data File : BM034759.D
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Operator : CG/JU
Sample : N2488-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0HZ6

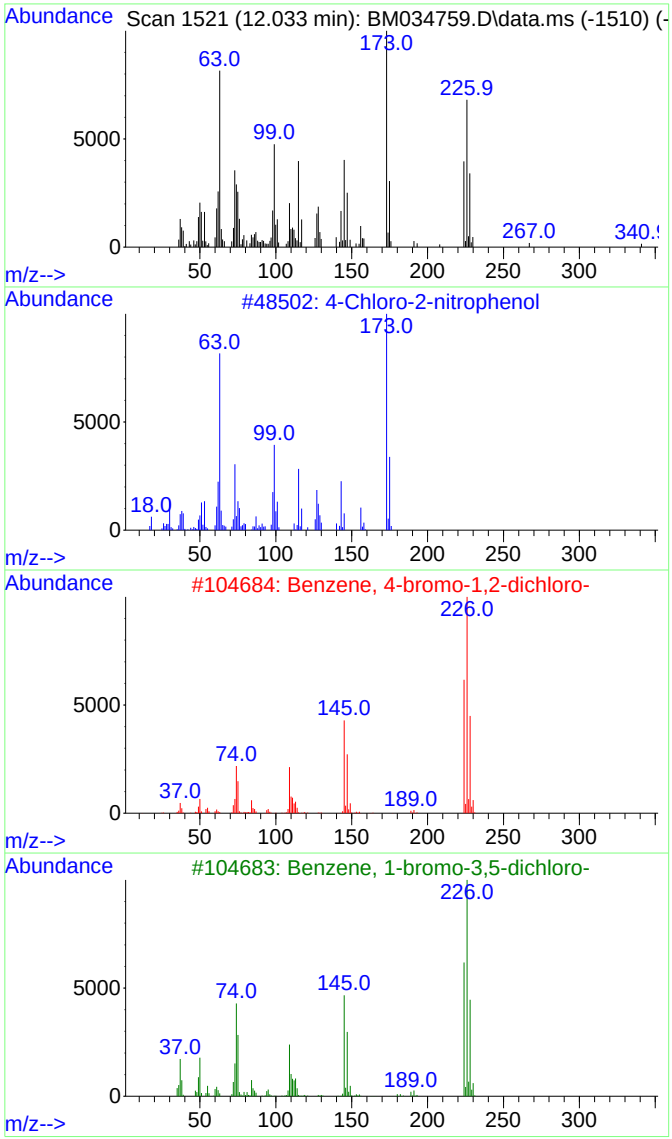
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM042122.M
Quant Title : SVOA CALIBRATION

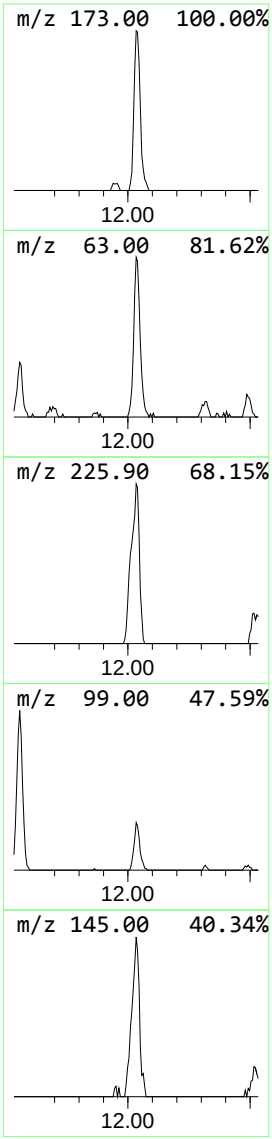
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4-Chloro-2-nitrophenol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.034	3.32 ng/ul	249159	Naphthalene-d8	10.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	92
2	Benzene, 4-bromo-1,2-dichloro-	224	C6H3BrCl2	018282-59-2	91
3	Benzene, 1-bromo-3,5-dichloro-	224	C6H3BrCl2	019752-55-7	91
4	1-Bromo-2,4-dichlorobenzene	224	C6H3BrCl2	001193-72-2	91
5	Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042122\
Data File : BM034759.D
Acq On : 21 Apr 2022 22:53
Operator : CG/JU
Sample : N2488-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0HZ6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM042122.M
Quant Title : SVOA CALIBRATION

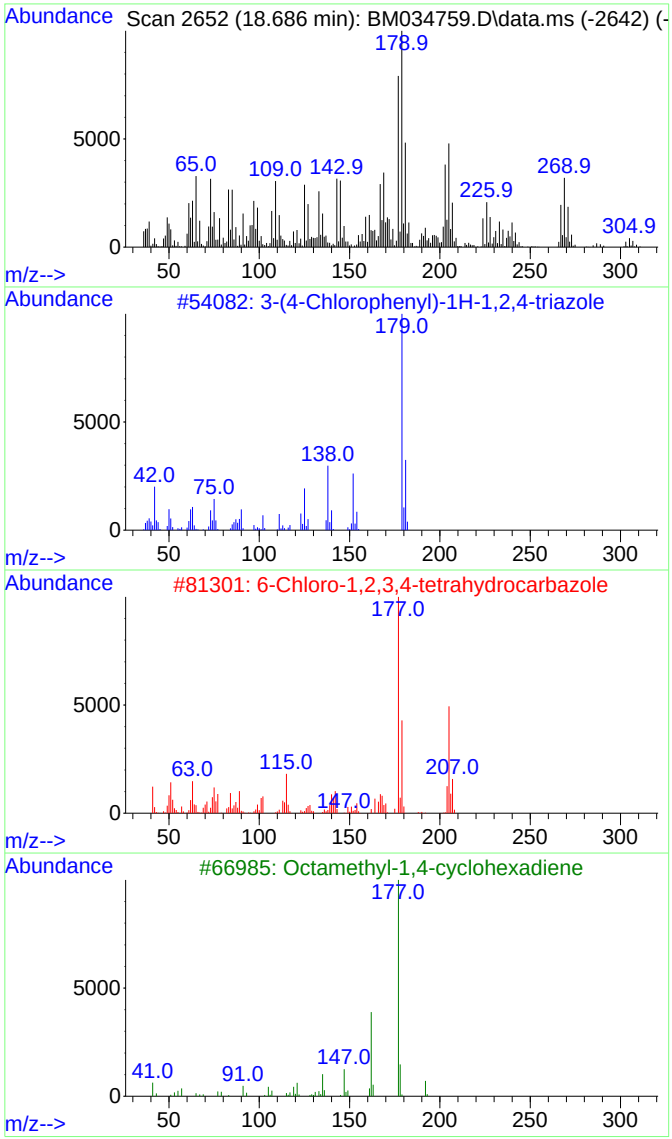
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

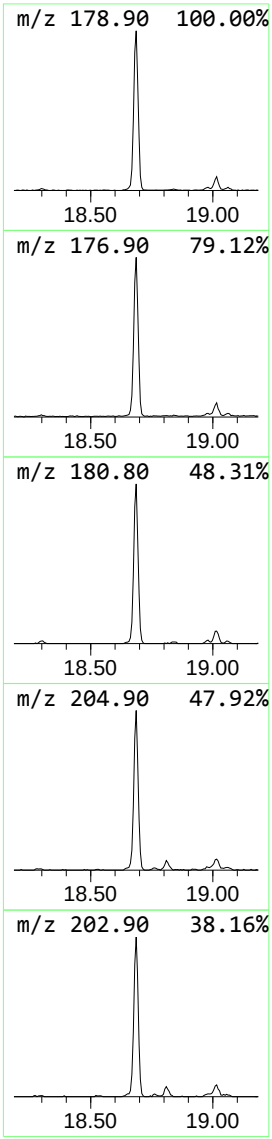
****

Peak Number 14 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.686	20.33 ng/ul	2220550	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(4-Chlorophenyl)-1H-1,2,4-tria...	179	C8H6ClN3	023195-59-7	30
2	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	30
3	Octamethyl-1,4-cyclohexadiene	192	C14H24	172684-93-4	25
4	2,5-Dichloro-4-fluoroaniline	179	C6H4Cl2FN	002729-37-5	18
5	4,5-Dichloro-2-fluoroaniline	179	C6H4Cl2FN	002729-36-4	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042122\
Data File : BM034759.D
Acq On : 21 Apr 2022 22:53
Operator : CG/JU
Sample : N2488-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0HZ6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM042122.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...	9.445	18.6	ng/ul	1397670	2	10.769	1502110	20.0
Benzene, 1,2-di...	9.681	5.1	ng/ul	383690	2	10.769	1502110	20.0
Benzene, 1,4-di...	9.722	4.7	ng/ul	355208	2	10.769	1502110	20.0
Benzene, 1-brom...	9.757	11.5	ng/ul	866590	2	10.769	1502110	20.0
Benzene, 1-chlo...	11.345	20.4	ng/ul	1535420	2	10.769	1502110	20.0
Benzene, 1-chlo...	11.557	4.5	ng/ul	341443	2	10.769	1502110	20.0
4-Chloro-2-nitr...	12.034	3.3	ng/ul	249159	2	10.769	1502110	20.0
unknown-01	18.686	20.3	ng/ul	2220550	4	17.316	2184790	20.0