LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039538.D
Acq On : 20 Apr 2023 23:13
Operator : CG/JU
Sample : 02378-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0MK5

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-BM041823.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM039538.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.213	26	30	42	rVB	44054	83221	0.32%	0.069%
2	3.643	100	103	120	rBV	196312	374728	1.44%	0.311%
3	5.107	346	352	375	rBV	6263790	9925270	38.12%	8.243%
4	7.007	669	675	694	rBV2	154831	382511	1.47%	0.318%
5	7.154	694	700	724	rVB	654702	1155337	4.44%	0.960%
6	7.354	728	734	753	rVV	530805	962505	3.70%	0.799%
7	7.707	787	794	807	rBV	2386113	3820442	14.67%	3.173%
8	7.860	807	820	846	rVB	10767113	18271797	70.18%	15.175%
9	8.178	865	874	896	rBV	15207229	26037195	100.00%	21.624%
10	8.554	932	938	959	rBV	383419	812081	3.12%	0.674%
11	8.995	1006	1013	1016	rBV	642285	1139057	4.37%	0.946%
12	9.036	1016	1020	1039	rVB	1798072	3112863	11.96%	2.585%
13	9.331	1064	1070	1075	rBV3	14217	27207	0.10%	0.023%
14	9.666	1119	1127	1130	rBV3	63514	122779	0.47%	0.102%
15	9.719	1130	1136	1157	rVB	368346	730990	2.81%	0.607%
16	10.260	1222	1228	1237	rBV	662017	1281198	4.92%	1.064%
17	10.336	1237	1241	1250	rVV	73103	182687	0.70%	0.152%
18	10.419	1250	1255	1260	rVV	59178	124876	0.48%	0.104%
19	10.495	1260	1268	1283	rVV	3825476	6582075	25.28%	5.466%
20	10.630	1283	1291	1306	rVV	928621	1652746	6.35%	1.373%
21	10.778	1306	1316	1340	rVV2	688425	1660191	6.38%	1.379%
22	11.013	1348	1356	1376	rVB	1822318	3040429	11.68%	2.525%
23	11.242	1388	1395	1414	rBV	558333	1094318	4.20%	0.909%
24	11.460	1424	1432	1451	rBV	108144	283710	1.09%	0.236%
25	12.672	1628	1638	1653	rBV	81568	210372	0.81%	0.175%
26	13.277	1735	1741	1753	rBV	266572	530221	2.04%	0.440%
27	13.548	1782	1787	1806	rVB2	49485	136418	0.52%	0.113%
28	13.895	1836	1846	1861	rBV	1842738	2665997	10.24%	2.214%
29	14.171	1886	1893	1903	rBV	1954034	2916429	11.20%	2.422%
30	14.477	1937	1945	1961	rBV	1505023	2259471	8.68%	1.876%
31	15.224	2064	2072	2082	rBV	294391	449228	1.73%	0.373%
32	15.307	2082	2086	2098	rVB	20741	42970	0.17%	0.036%
33	15.471	2105	2114	2133	rBV	2706712	4095845	15.73%	3.402%
34	15.848	2172	2178	2192	rBV	112195	197698	0.76%	0.164%
35	16.165	2223	2232	2244	rBV	94527	292028	1.12%	0.243%
36	17.230	2407	2413	2423	rBV	1834471	2681519	10.30%	2.227%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039538.D
Acq On : 20 Apr 2023 23:13
Operator : CG/JU
Sample : 02378-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0MK5

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-BM041823.MA.M
Title : SVOA CALIBRATION

37	17.330	2424	2430	2449	rVV	3395939	5026816	19.31%	4.175%
38	19.095	2726	2730	2733	rBV2	23342	26879	0.10%	0.022%
39	19.195	2742	2747	2754	rBV3	41012	62801	0.24%	0.052%
40	19.265	2754	2759	2766	rBV	37072	62814	0.24%	0.052%
41	19.630	2814	2821	2840	rBV	4042796	5849708	22.47%	4.858%
42	21.130	3072	3076	3086	rBV	120232	290789	1.12%	0.242%
43	21.424	3121	3126	3135	rBV	1701983	2390965	9.18%	1.986%
44	21.512	3138	3141	3144	rVB2	89176	107191	0.41%	0.089%
45	23.630	3494	3501	3519	rBV2	2379482	4924661	18.91%	4.090%
46	23.783	3521	3527	3542	rVB2	1096758	2328447	8.94%	1.934%

Sum of corrected areas: 120409480

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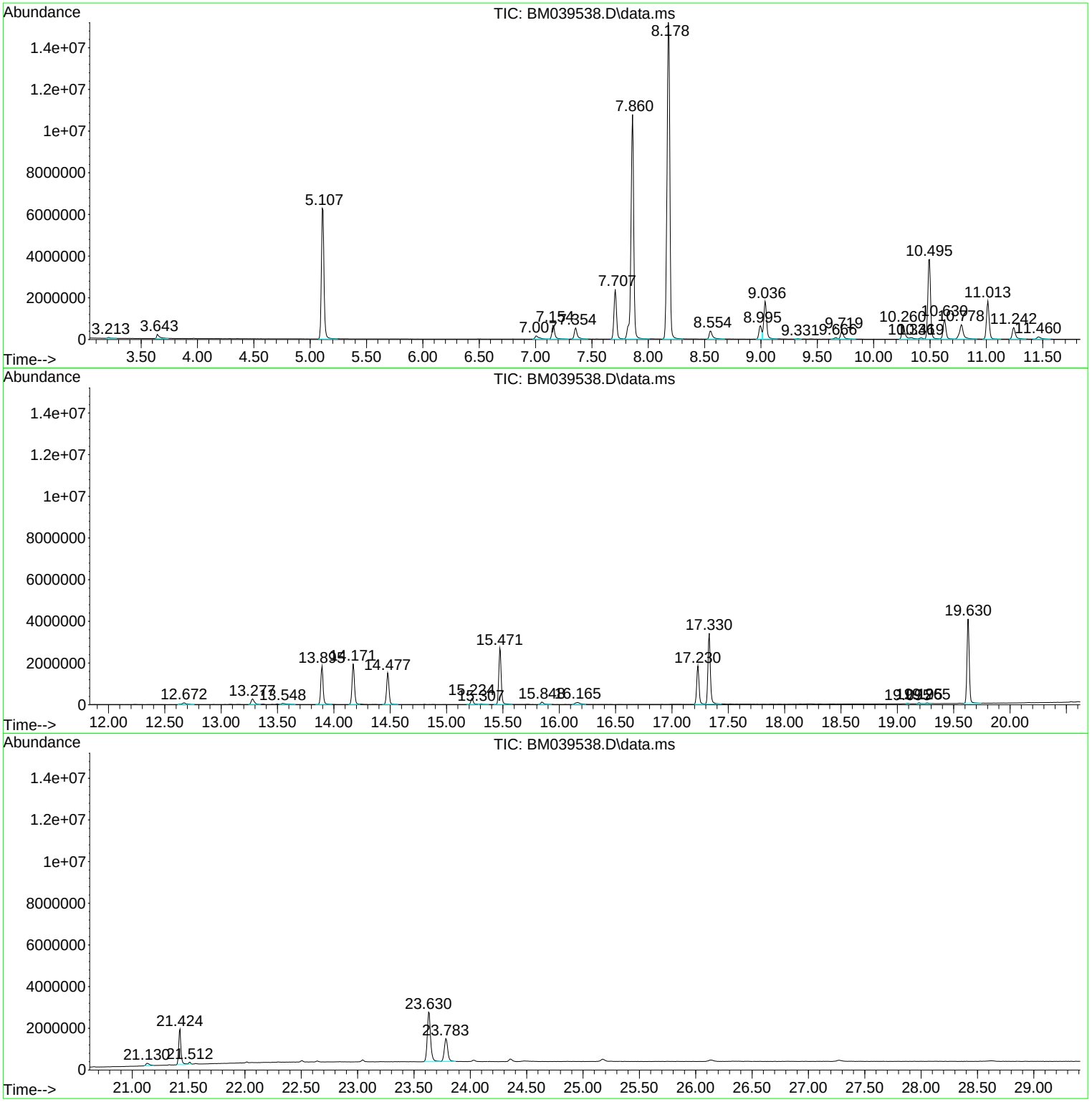
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039538.D
Acq On : 20 Apr 2023 23:13
Operator : CG/JU
Sample : 02378-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0MK5

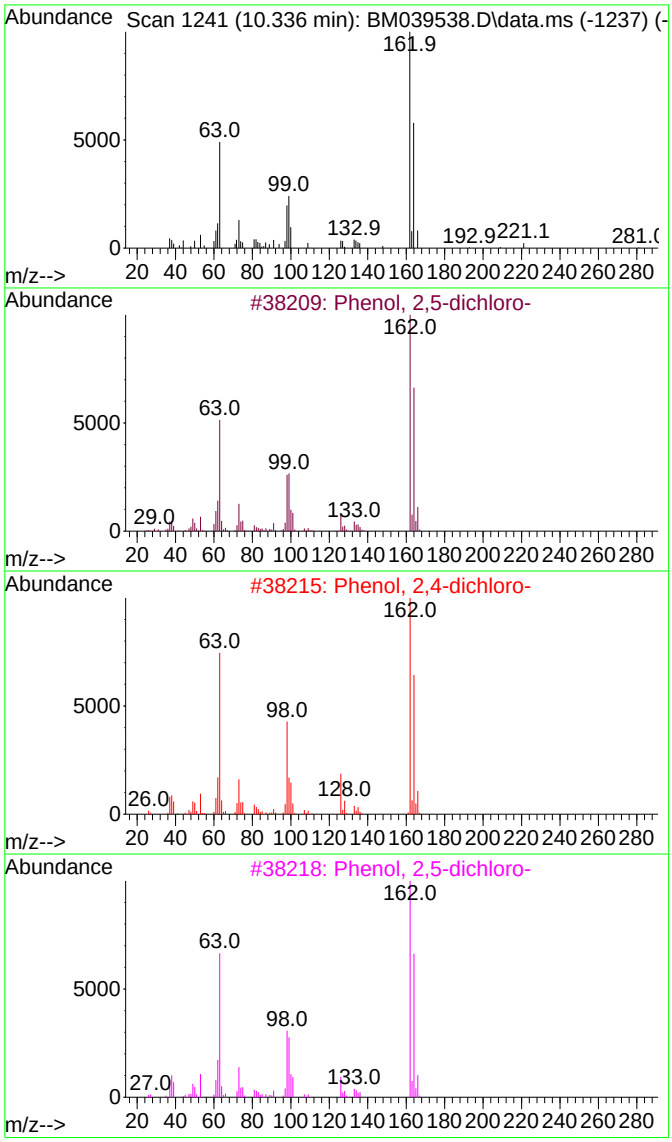
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

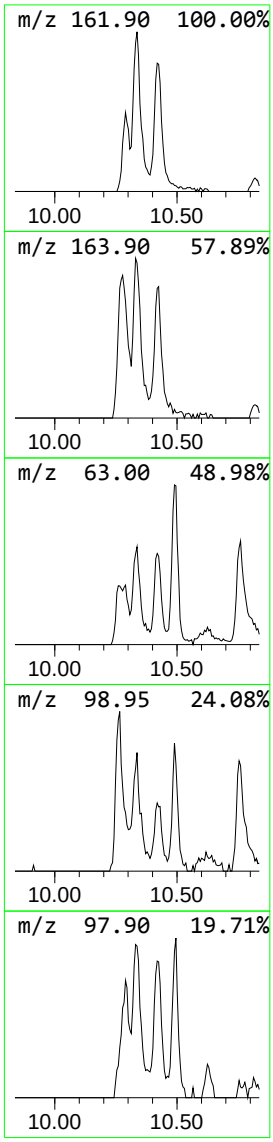
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenol, 2,5-dichloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.336	2.21 ng/ul	182687	Naphthalene-d8	10.631

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,5-dichloro-	162	C6H4Cl2O	000583-78-8	95
2	Phenol, 2,4-dichloro-	162	C6H4Cl2O	000120-83-2	91
3	Phenol, 2,5-dichloro-	162	C6H4Cl2O	000583-78-8	91
4	Phenol, 2,4-dichloro-	162	C6H4Cl2O	000120-83-2	91
5	Phenol, 2,4-dichloro-	162	C6H4Cl2O	000120-83-2	91





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Data File : BM039538.D
Acq On : 20 Apr 2023 23:13
Operator : CG/JU
Sample : 02378-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0MK5

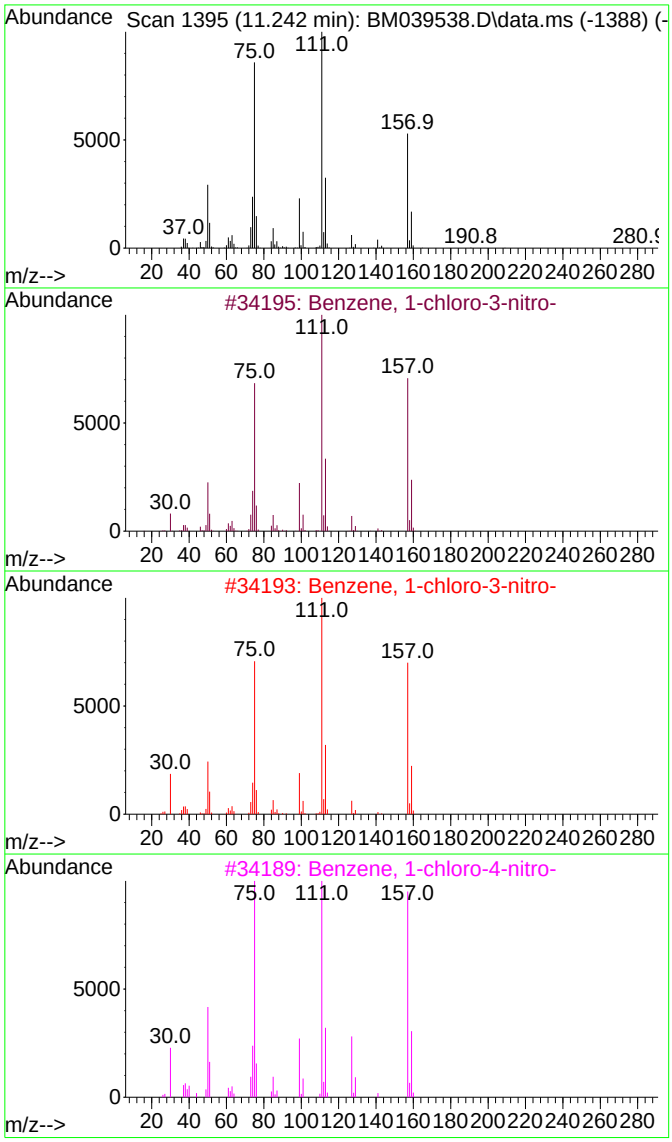
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

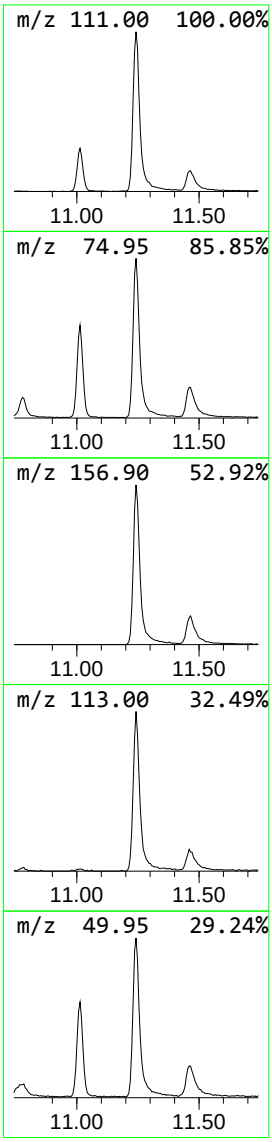
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-chloro-3-nitro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.242	13.24 ng/ul	1094320	Naphthalene-d8	10.631

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	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





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Operator : CG/JU
Sample : 02378-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0MK5

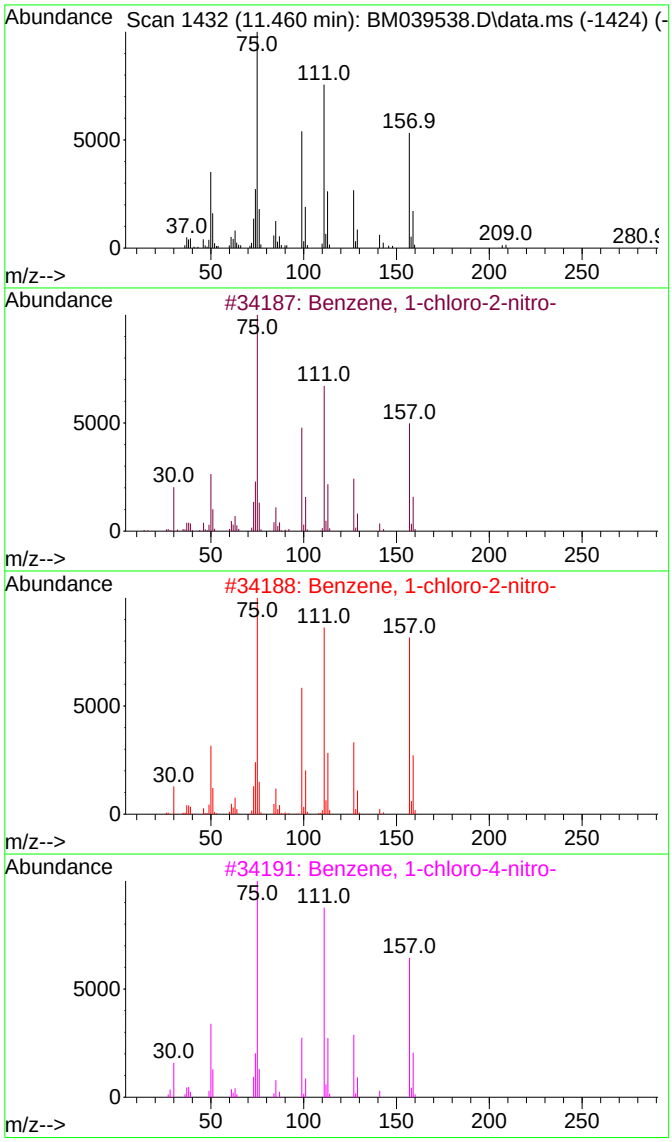
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

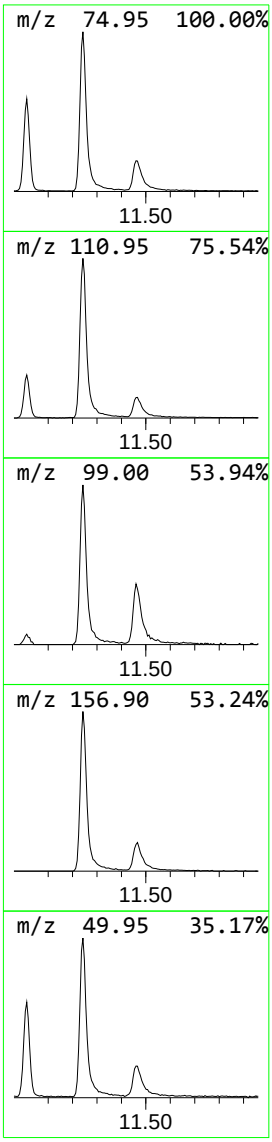
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.460	3.43 ng/ul	283710	Naphthalene-d8	10.631

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	98
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	95
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	95
5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
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Operator : CG/JU
Sample : 02378-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0MK5

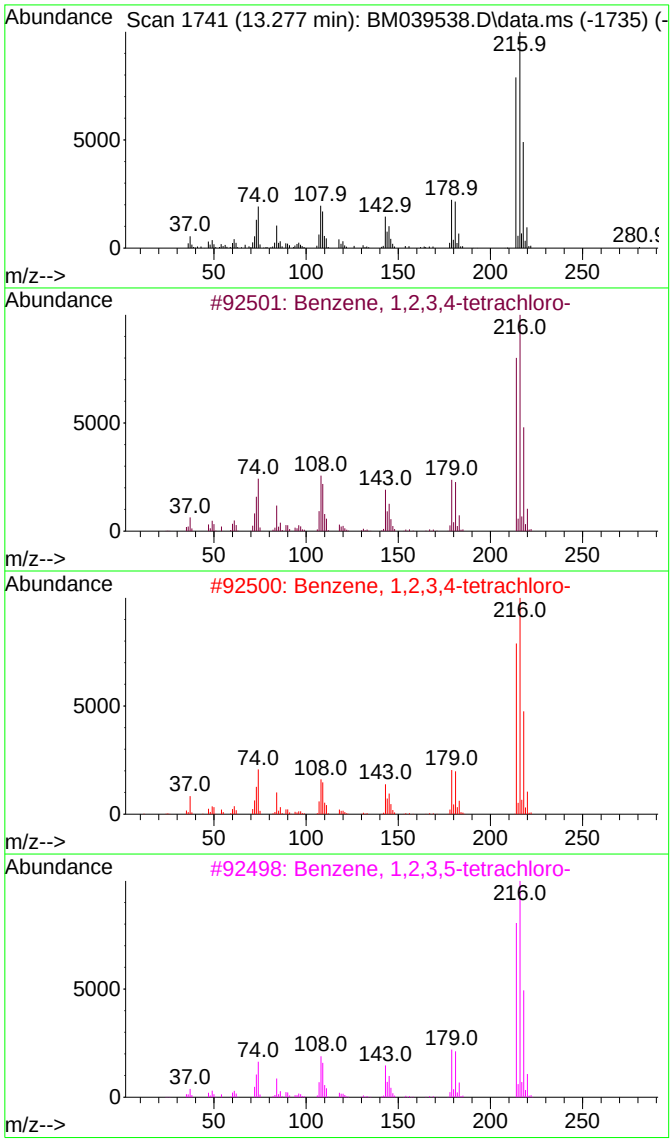
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

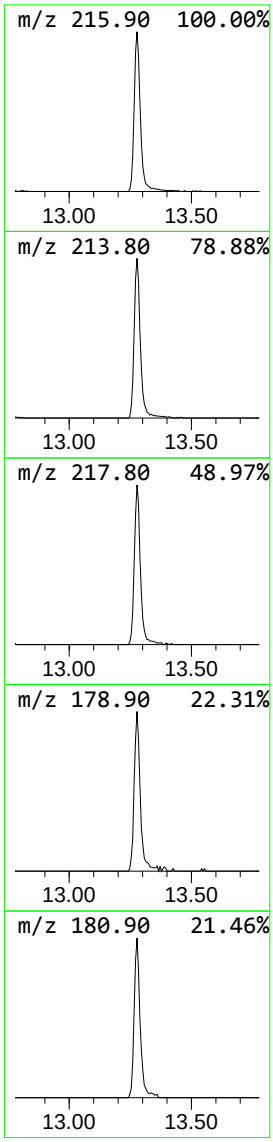
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3,4-tetrachloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.277	4.69 ng/ul	530221	Acenaphthene-d10	14.477

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, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	99
4	Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	99
5	Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	99





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

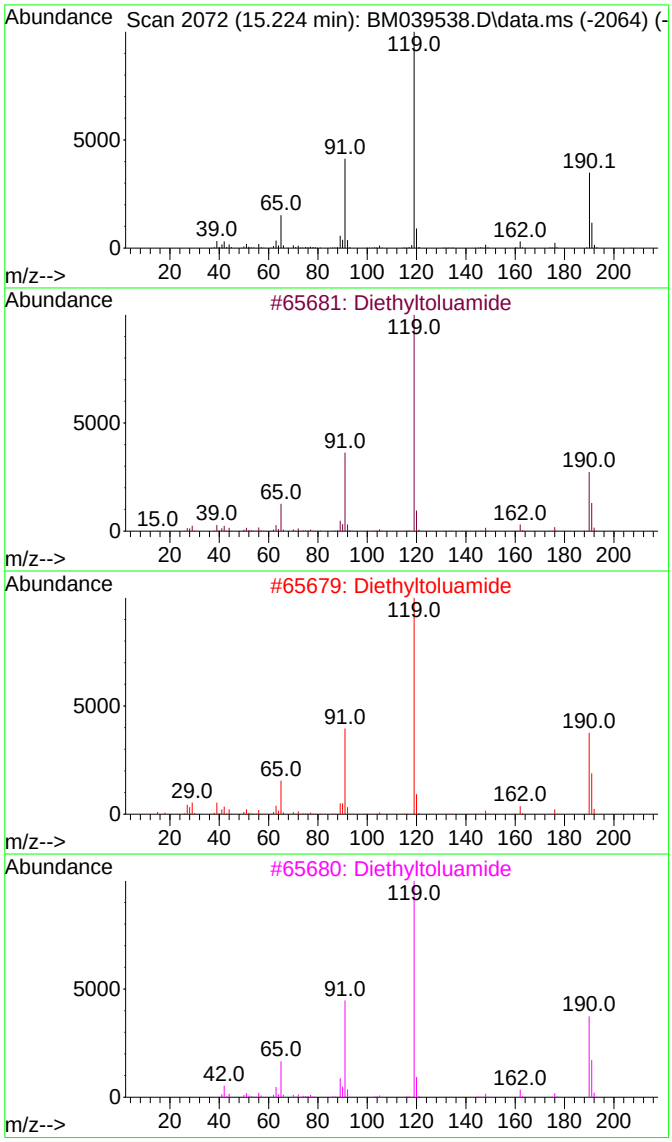
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

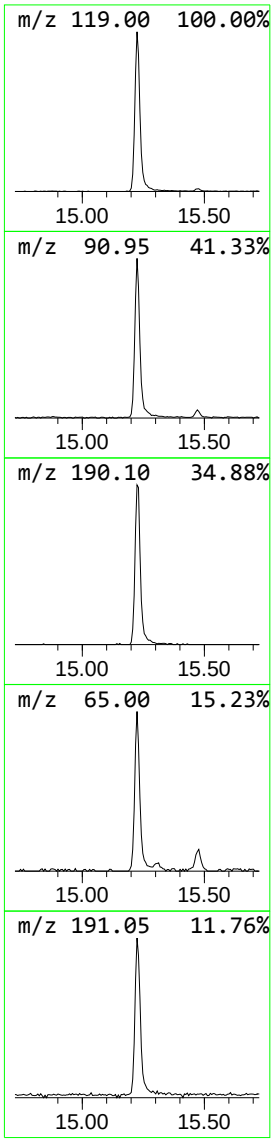
****

Peak Number 10 Diethyltoluamide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.224	3.98 ng/ul	449228	Acenaphthene-d10	14.477

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	96
2	Diethyltoluamide	191	C12H17NO	000134-62-3	96
3	Diethyltoluamide	191	C12H17NO	000134-62-3	96
4	Diethyltoluamide	191	C12H17NO	000134-62-3	96
5	Benzamide, 3-methyl-N-methyl-N-p...	191	C12H17NO	1000421-46-2	93





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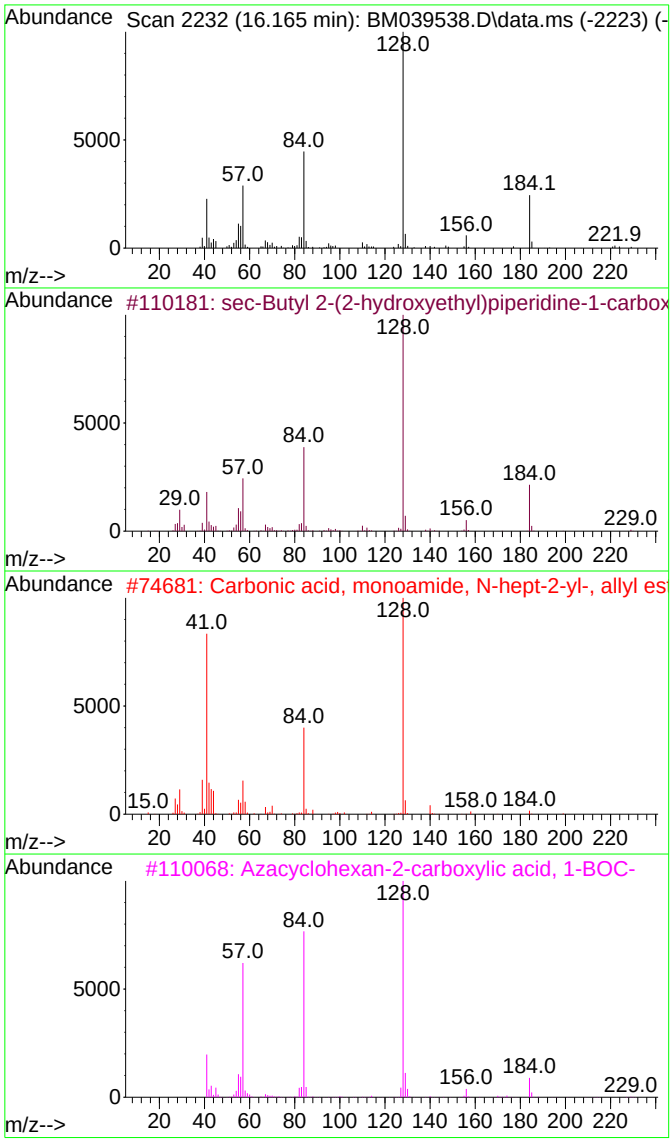
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

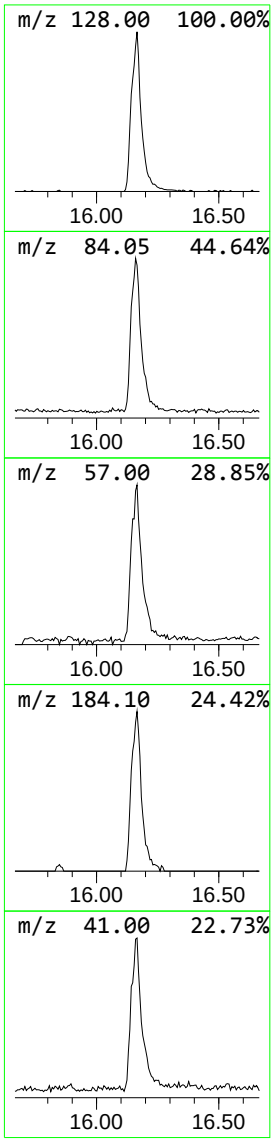
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 sec-Butyl 2-(2-hydroxyethyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.165	2.18 ng/ul	292028	Phenanthrene-d10	17.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	sec-Butyl 2-(2-hydroxyethyl)pipe...	229	C12H23NO3	119515-38-7	96
2	Carbonic acid, monoamide, N-hept...	199	C11H21NO2	1000420-23-2	59
3	Azacyclohexan-2-carboxylic acid,...	229	C11H19NO4	1010126-80-6	56
4	l-Alanine, N-allyloxycarbonyl-, ...	229	C11H19NO4	1000313-42-3	50
5	l-Alanine, N-allyloxycarbonyl-, ...	285	C15H27NO4	1000313-42-9	45





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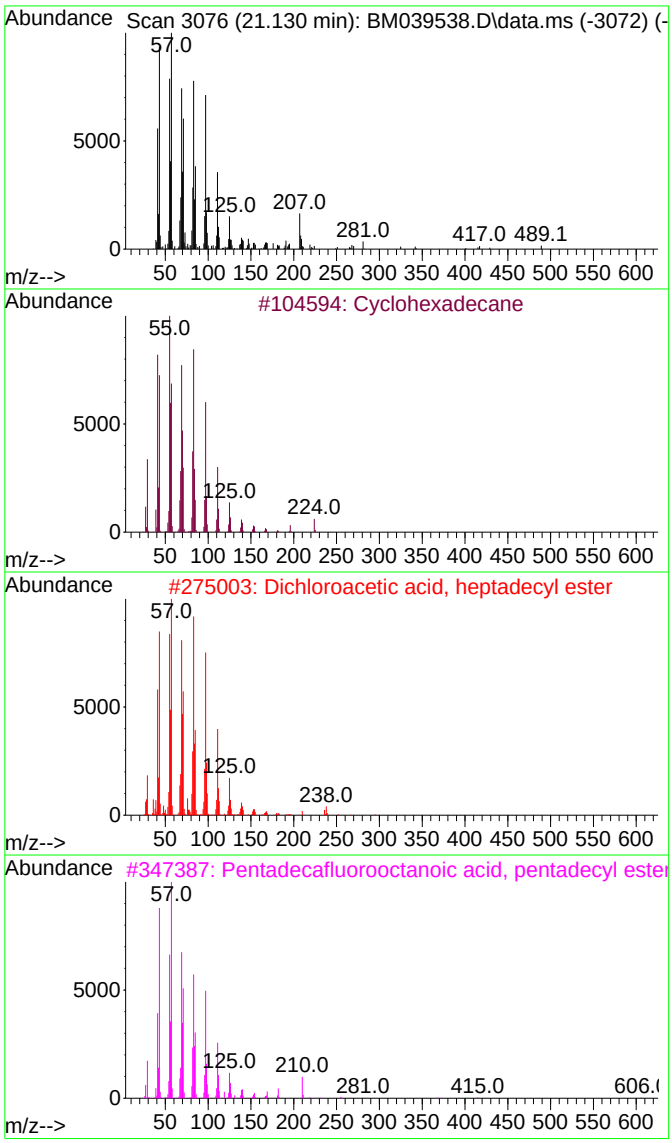
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

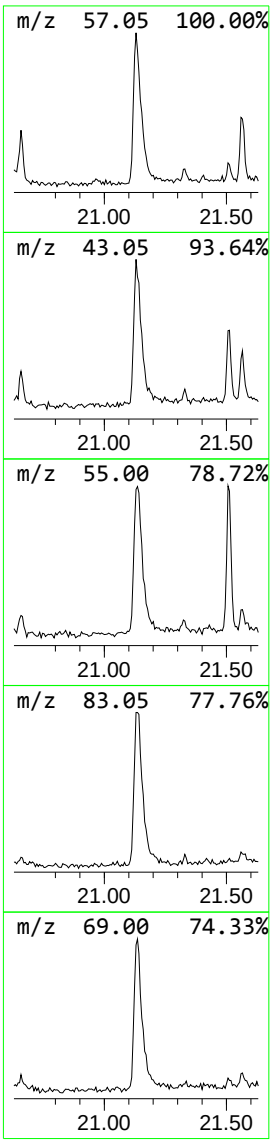
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Cyclic21.130 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.130	2.43 ng/ul	290789	Chrysene-d12	21.424

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
3	Pentadecafluorooctanoic acid, pe...	624	C23H31F15O2	1000406-04-5	94
4	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94





Tentatively Identified Compound (LSC) summary

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Data File : BM039538.D
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.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
Phenol, 2,5-dic...	10.336	2.2	ng/ul	182687	2	10.631	1652750	20.0
Benzene, 1-chlo...	11.242	13.2	ng/ul	1094320	2	10.631	1652750	20.0
Benzene, 1-chlo...	11.460	3.4	ng/ul	283710	2	10.631	1652750	20.0
Benzene, 1,2,3,...	13.277	4.7	ng/ul	530221	3	14.477	2259470	20.0
Diethyltoluamide	15.224	4.0	ng/ul	449228	3	14.477	2259470	20.0
sec-Butyl 2-(2-...	16.165	2.2	ng/ul	292028	4	17.230	2681520	20.0
(DEL) Alkane: C...	21.130	2.4	ng/ul	290789	5	21.424	2390970	20.0