LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
Data File : BN025083.D
Acq On : 22 Apr 2023 19:19
Operator : CG/JU
Sample : 02378-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0ML2

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: BN025083.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	28	rVB	50661	83807	0.12%	0.027%
2	3.729	89	92	115	rBV	232083	473948	0.65%	0.152%
3	5.211	335	344	363	rBV	35106574	61272482	84.28%	19.630%
4	7.075	655	661	676	rVB2	307320	736160	1.01%	0.236%
5	7.246	681	690	700	rBV	983870	1555177	2.14%	0.498%
6	7.446	715	724	735	rBV	945893	1582049	2.18%	0.507%
7	7.805	776	785	795	rBV	4214857	6742921	9.27%	2.160%
8	7.964	797	812	819	rBV	32792839	63035057	86.70%	20.195%
9	8.287	856	867	873	rBV	35097037	72704179	100.00%	23.292%
10	8.628	917	925	933	rBV	826537	1312441	1.81%	0.420%
11	9.087	995	1003	1006	rBV	1240891	2044956	2.81%	0.655%
12	9.128	1006	1010	1020	rVB	2272572	3547170	4.88%	1.136%
13	9.422	1054	1060	1068	rBV	40497	75227	0.10%	0.024%
14	9.811	1119	1126	1139	rBV	1010945	1660558	2.28%	0.532%
15	10.346	1207	1217	1226	rBV	1342360	2209959	3.04%	0.708%
16	10.469	1231	1238	1251	rVV	250759	489032	0.67%	0.157%
17	10.593	1251	1259	1275	rVV	10754227	18206672	25.04%	5.833%
18	10.728	1275	1282	1289	rVV	1377075	2251184	3.10%	0.721%
19	10.869	1297	1306	1317	rBV	1180911	1972582	2.71%	0.632%
20	11.116	1340	1348	1356	rVB	2369507	3943979	5.42%	1.264%
21	11.334	1378	1385	1391	rBV	578334	940320	1.29%	0.301%
22	11.552	1414	1422	1431	rBV	151140	277864	0.38%	0.089%
23	12.757	1614	1627	1637	rVB	469242	821029	1.13%	0.263%
24	13.363	1723	1730	1740	rBV	1131745	1751924	2.41%	0.561%
25	13.463	1740	1747	1753	rVV2	250965	418560	0.58%	0.134%
26	13.581	1762	1767	1774	rVB2	114405	183030	0.25%	0.059%
27	13.969	1825	1833	1841	rBV	2790608	3983040	5.48%	1.276%
28	14.257	1875	1882	1890	rBV	3107729	4350702	5.98%	1.394%
29	14.563	1927	1934	1947	rVB	2141429	3088230	4.25%	0.989%
30	14.757	1961	1967	1978	rBV	294312	490747	0.67%	0.157%
31	14.881	1984	1988	1993	rVB	72821	103389	0.14%	0.033%
32	15.557	2096	2103	2108	rBV	3987872	5620037	7.73%	1.800%
33	15.675	2117	2123	2132	rBV	1674491	2179905	3.00%	0.698%
34	15.922	2159	2165	2171	rBV	657997	862615	1.19%	0.276%
35	17.310	2395	2401	2410	rBV	2786174	3811646	5.24%	1.221%
36	17.410	2411	2418	2435	rVV2	4738460	6680507	9.19%	2.140%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
Data File : BN025083.D
Acq On : 22 Apr 2023 19:19
Operator : CG/JU
Sample : 02378-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0ML2

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	18.198	2547	2552	2562	rBV	394103	588197	0.81%	0.188%
38	18.287	2562	2567	2573	rVB3	40254	85662	0.12%	0.027%
39	19.269	2730	2734	2739	rBV3	64151	92565	0.13%	0.030%
40	19.339	2742	2746	2753	rBV	68499	104404	0.14%	0.033%
41	19.481	2765	2770	2787	rBV	788392	1227924	1.69%	0.393%
42	19.704	2802	2808	2814	rBV	6142572	8265082	11.37%	2.648%
43	21.204	3059	3063	3070	rBV3	219267	382310	0.53%	0.122%
44	21.504	3109	3114	3120	rBV	3768087	4704597	6.47%	1.507%
45	23.798	3495	3504	3516	rBV	4750813	9945647	13.68%	3.186%
46	23.945	3523	3529	3541	rVB2	2846124	5279536	7.26%	1.691%

Sum of corrected areas: 312139009

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Instrument :
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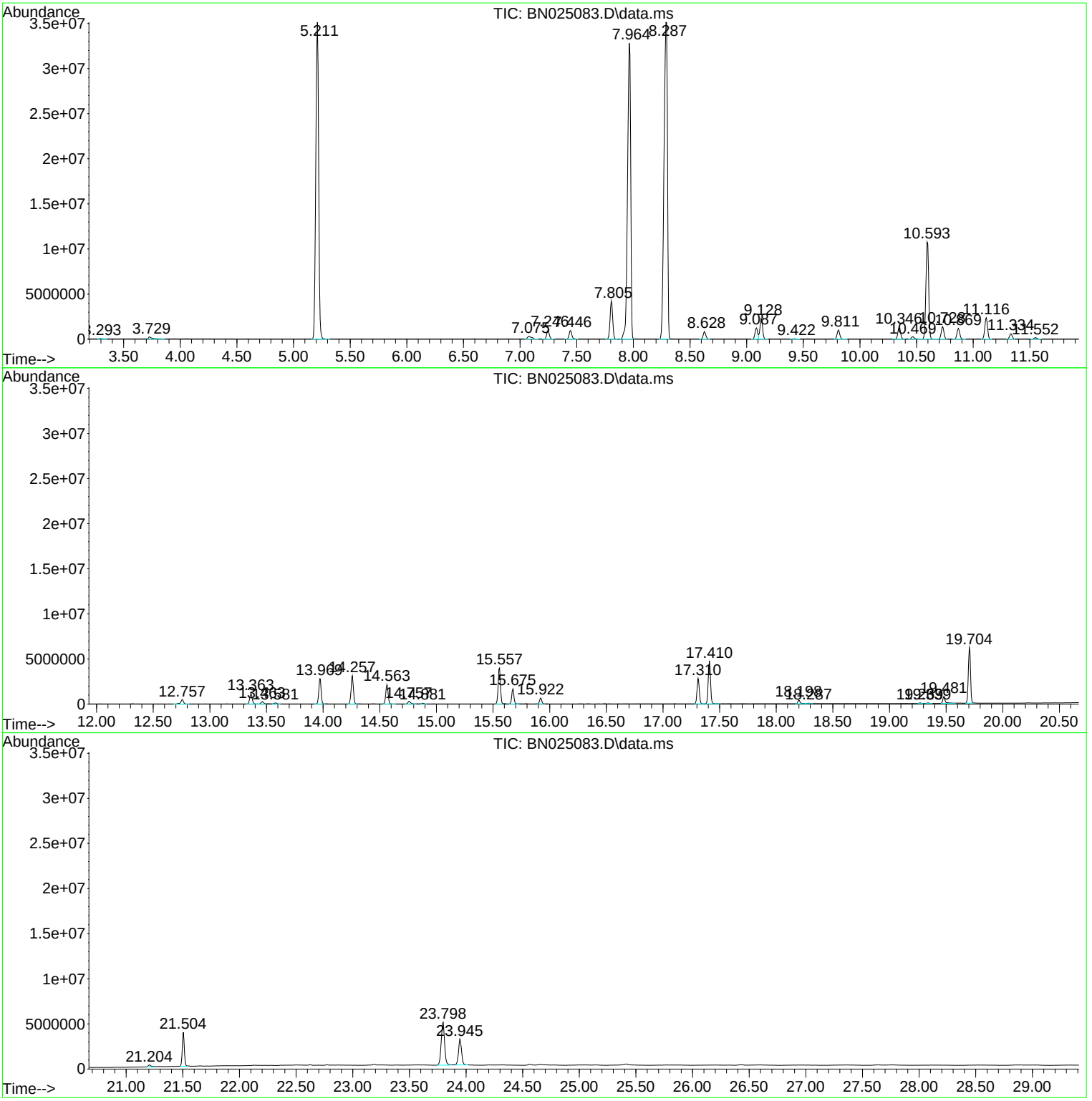
ClientSampleId :
C0ML2

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
Data File : BN025083.D
Acq On : 22 Apr 2023 19:19
Operator : CG/JU
Sample : 02378-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0ML2

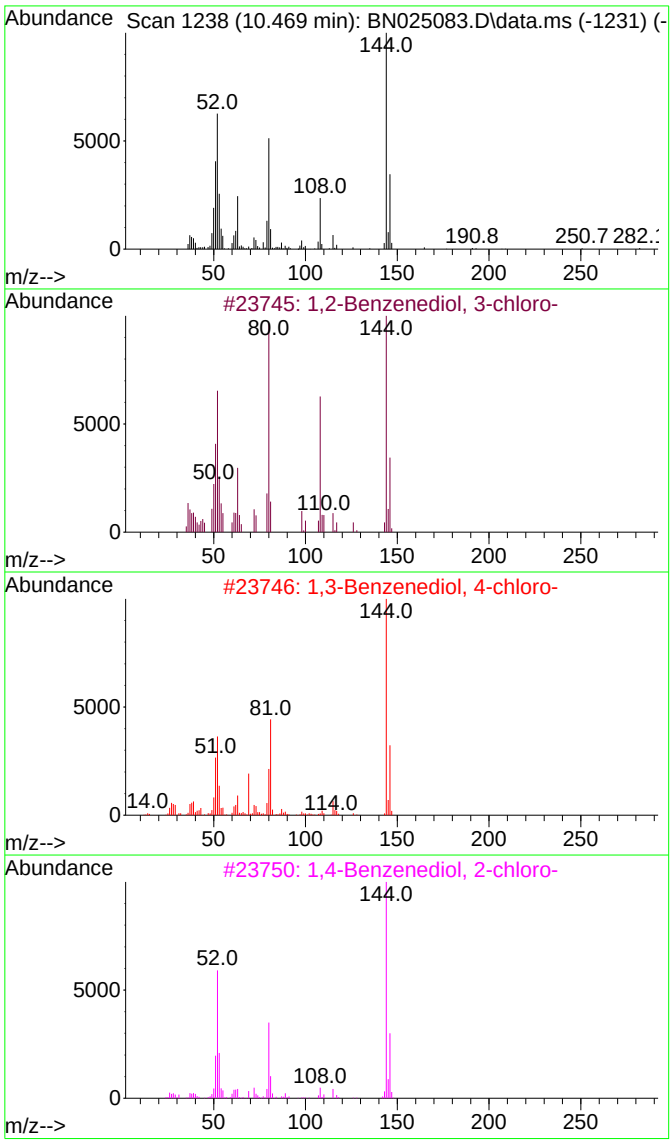
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

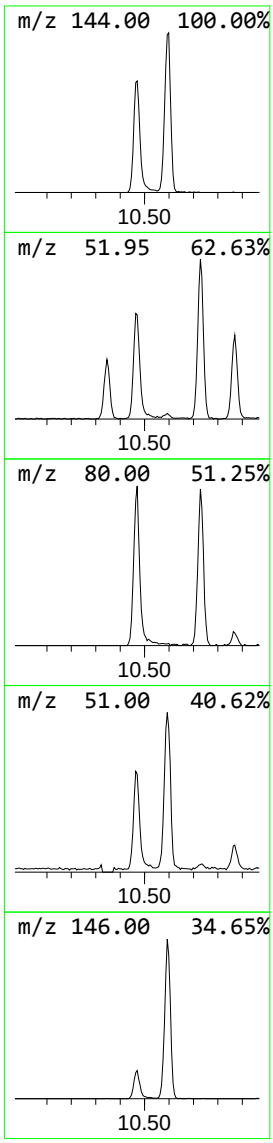
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,2-Benzenediol, 3-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.469	4.34 ng/ul	489032	Naphthalene-d8	10.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenediol, 3-chloro-	144	C6H5ClO2	004018-65-9	91
2	1,3-Benzenediol, 4-chloro-	144	C6H5ClO2	000095-88-5	81
3	1,4-Benzenediol, 2-chloro-	144	C6H5ClO2	000615-67-8	76
4	1,4-Benzenediol, 2-chloro-	144	C6H5ClO2	000615-67-8	76
5	1,4-Benzenediol, 2-chloro-	144	C6H5ClO2	000615-67-8	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
Data File : BN025083.D
Acq On : 22 Apr 2023 19:19
Operator : CG/JU
Sample : 02378-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0ML2

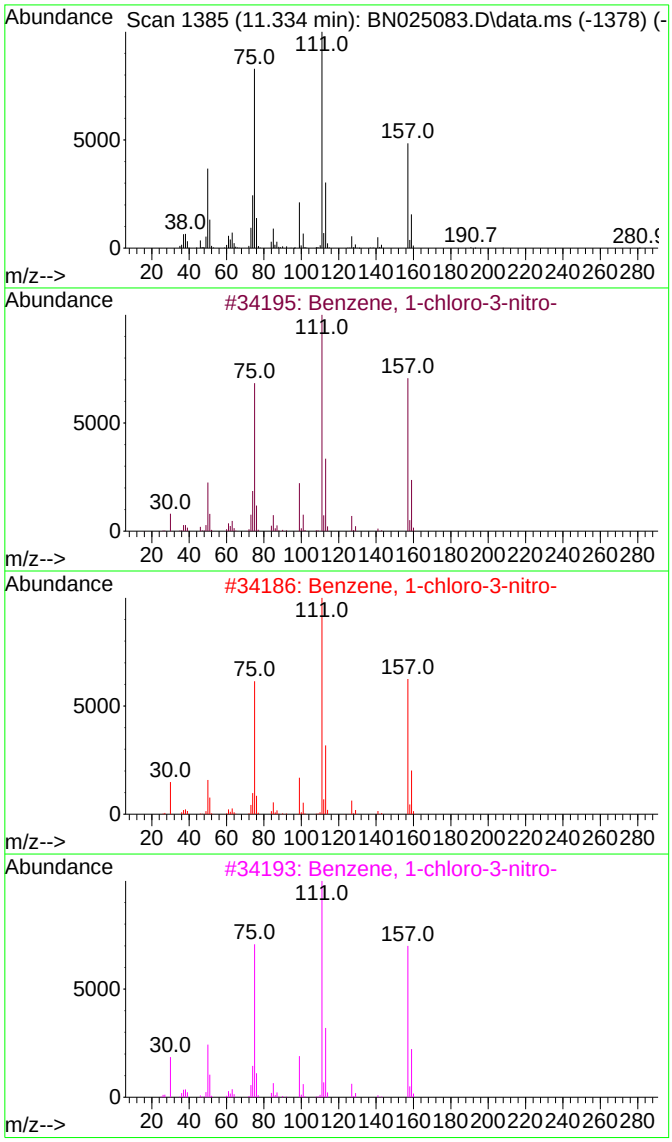
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

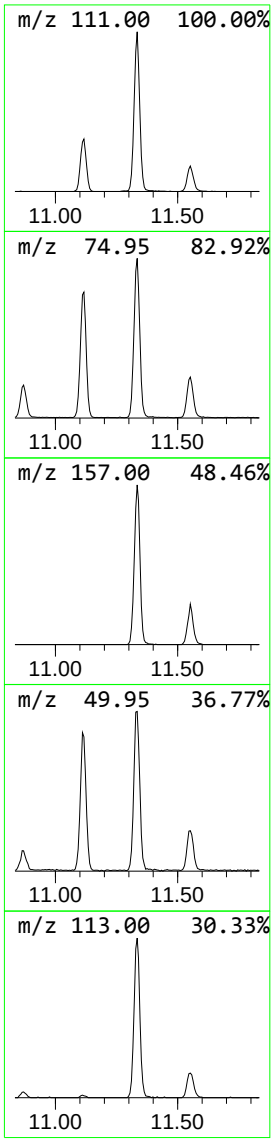
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-chloro-3-nitro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.334	8.35 ng/ul	940320	Naphthalene-d8	10.728

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	93
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	92
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
Data File : BN025083.D
Acq On : 22 Apr 2023 19:19
Operator : CG/JU
Sample : 02378-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0ML2

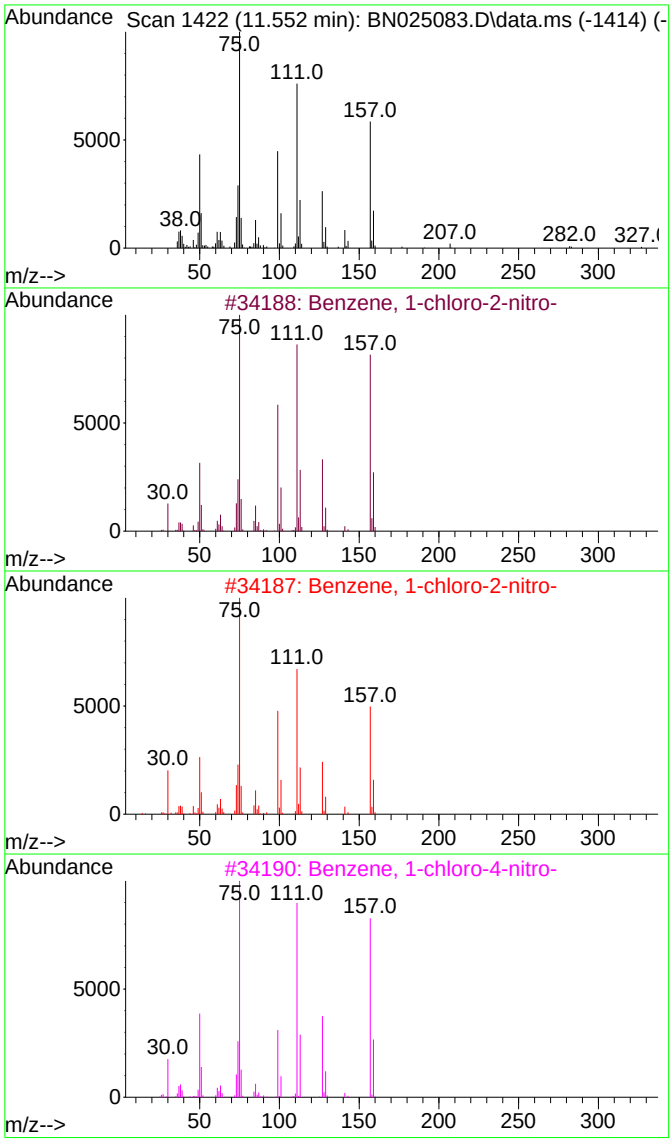
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

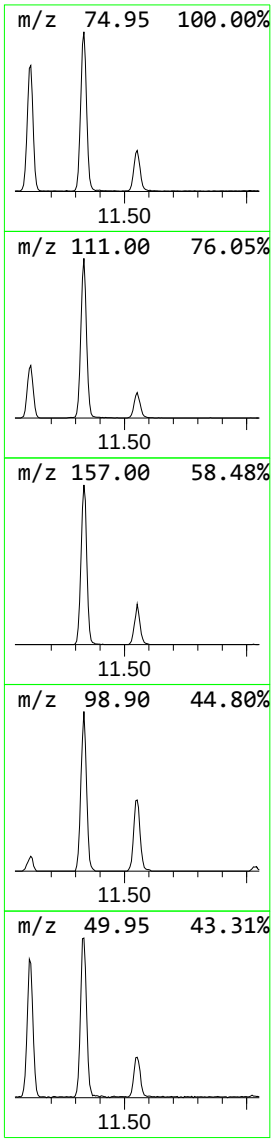
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.552	2.47 ng/ul	277864	Naphthalene-d8	10.728

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
Data File : BN025083.D
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0ML2

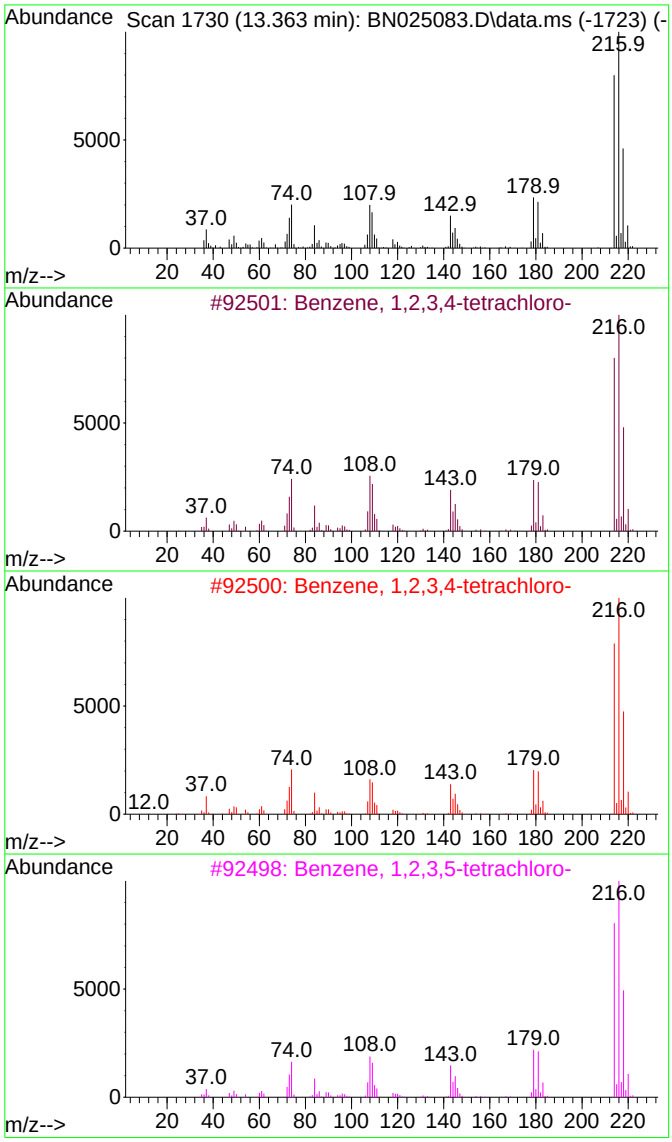
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

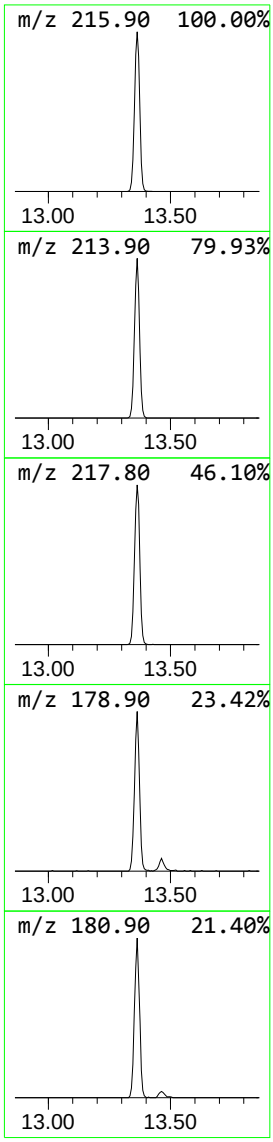
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3,4-tetrachloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.363	11.35 ng/ul	1751920	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, 1,2,3,5-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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Data File : BN025083.D
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Sample : 02378-19
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ALS Vial : 15 Sample Multiplier: 1

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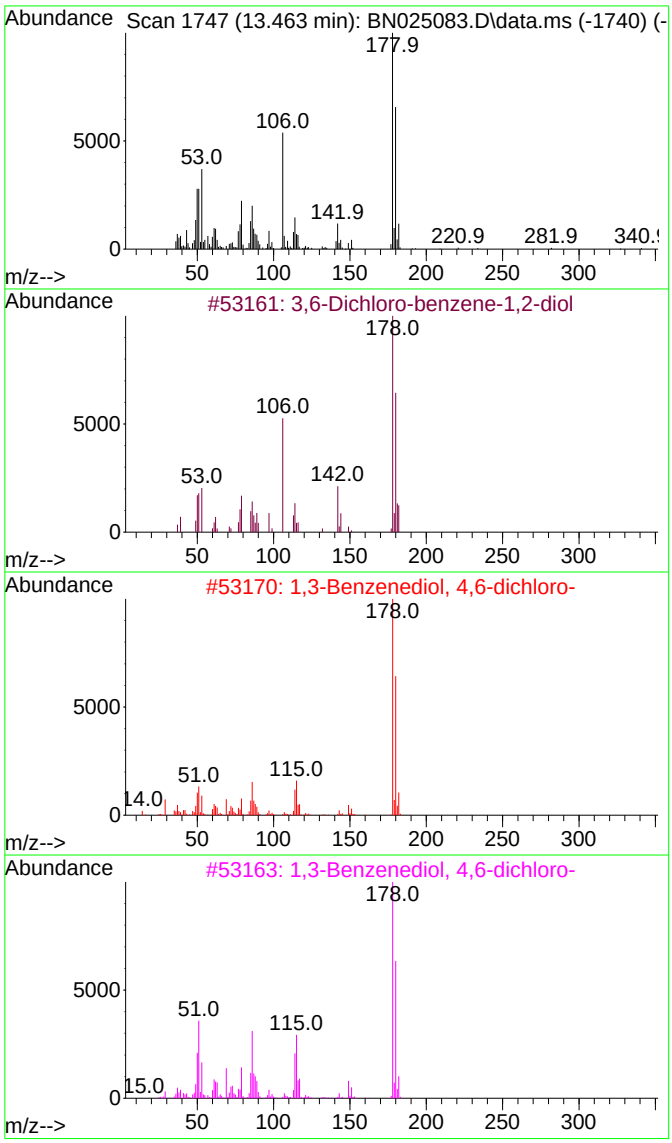
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

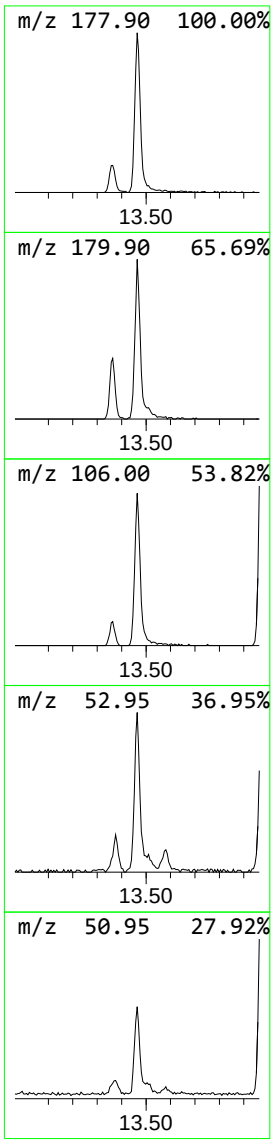
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 3,6-Dichloro-benzene-1,2-diol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.463	2.71 ng/ul	418560	Acenaphthene-d10	14.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dichloro-benzene-1,2-diol	178	C6H4Cl2O2	003938-16-7	90
2	1,3-Benzenediol, 4,6-dichloro-	178	C6H4Cl2O2	000137-19-9	86
3	1,3-Benzenediol, 4,6-dichloro-	178	C6H4Cl2O2	000137-19-9	86
4	1,4-Benzenediol, 2,5-dichloro-	178	C6H4Cl2O2	000824-69-1	83
5	1,3-Benzenediol, 4,6-dichloro-	178	C6H4Cl2O2	000137-19-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
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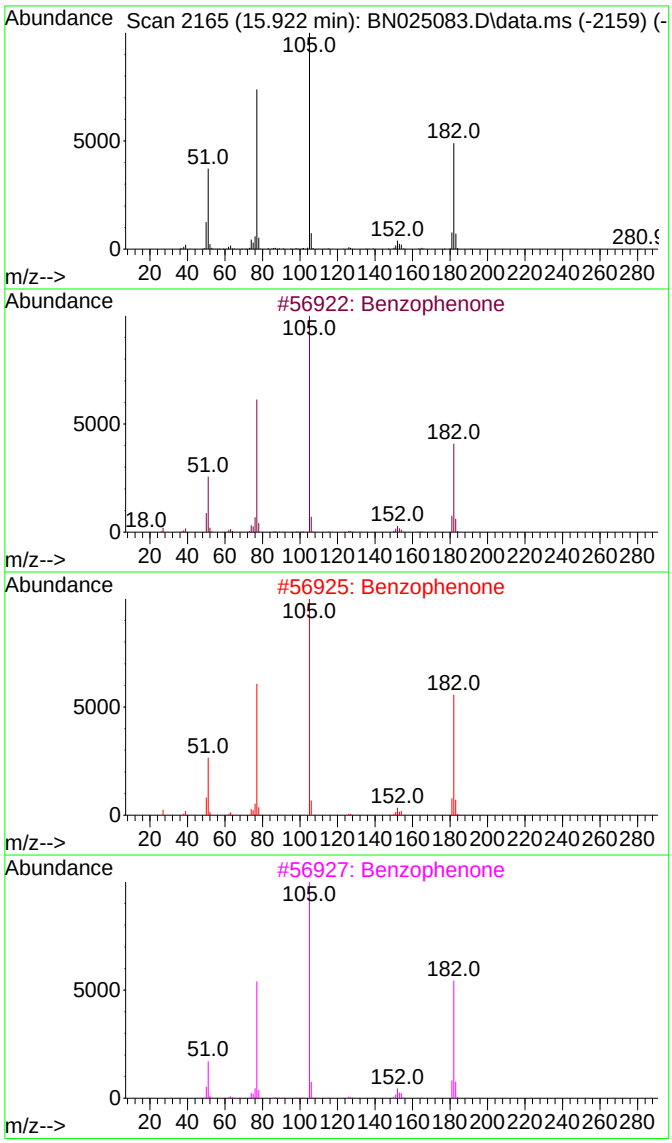
Quant Title : SVOA CALIBRATION

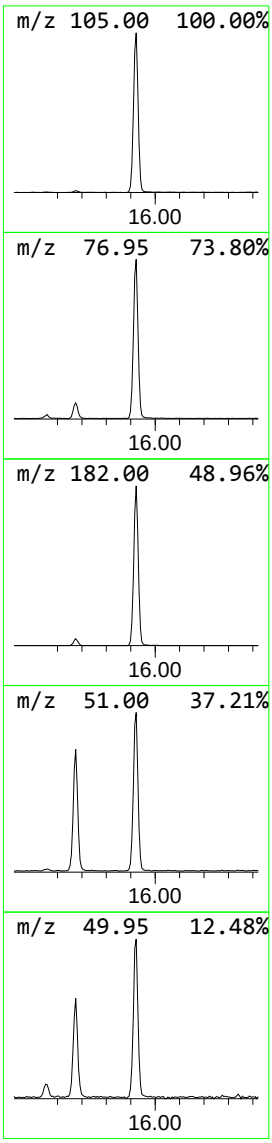
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.922	5.59 ng/ul	862615	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	97
3	Benzophenone	182	C13H10O	000119-61-9	97
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





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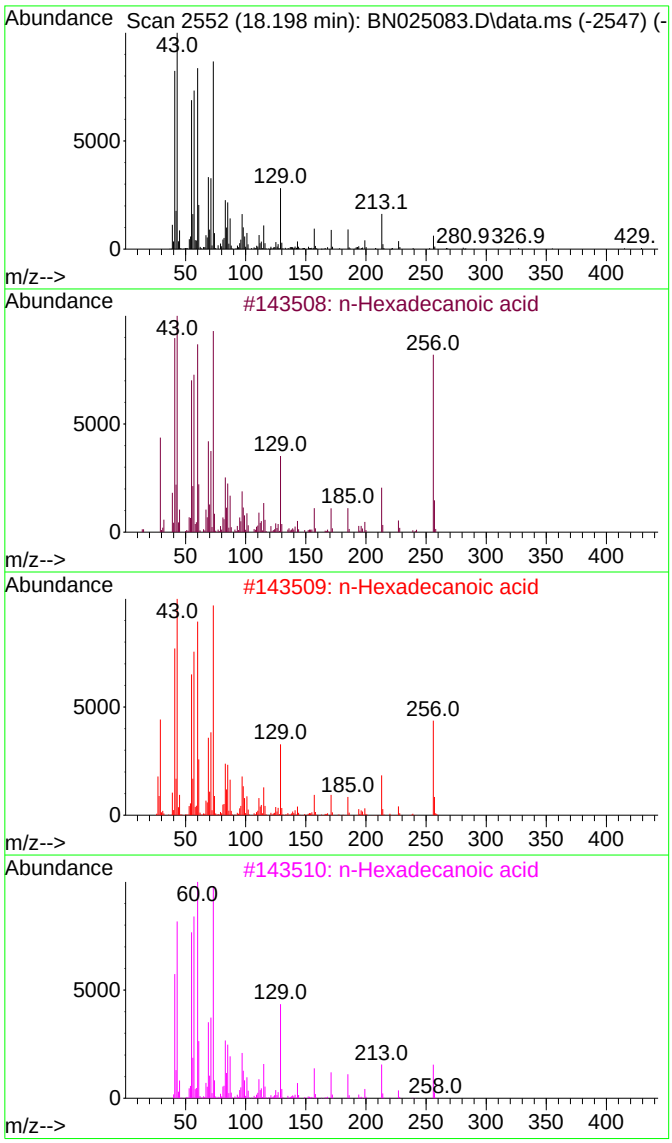
Quant Title : SVOA CALIBRATION

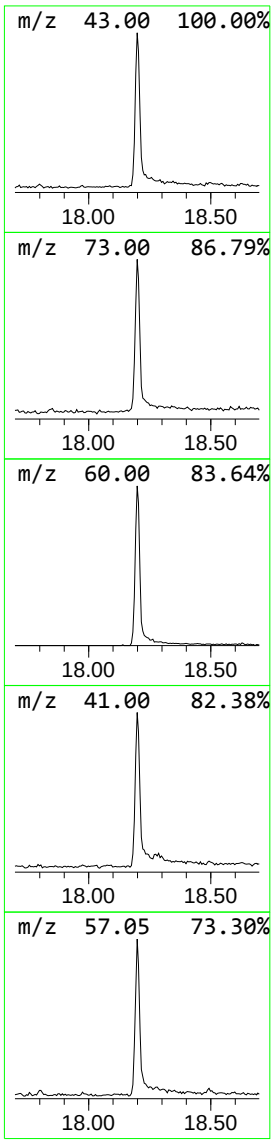
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	3.09 ng/ul	588197	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	Tridecanoic acid	214	C13H26O2	000638-53-9	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





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Data File : BN025083.D
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Operator : CG/JU
Sample : 02378-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0ML2

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

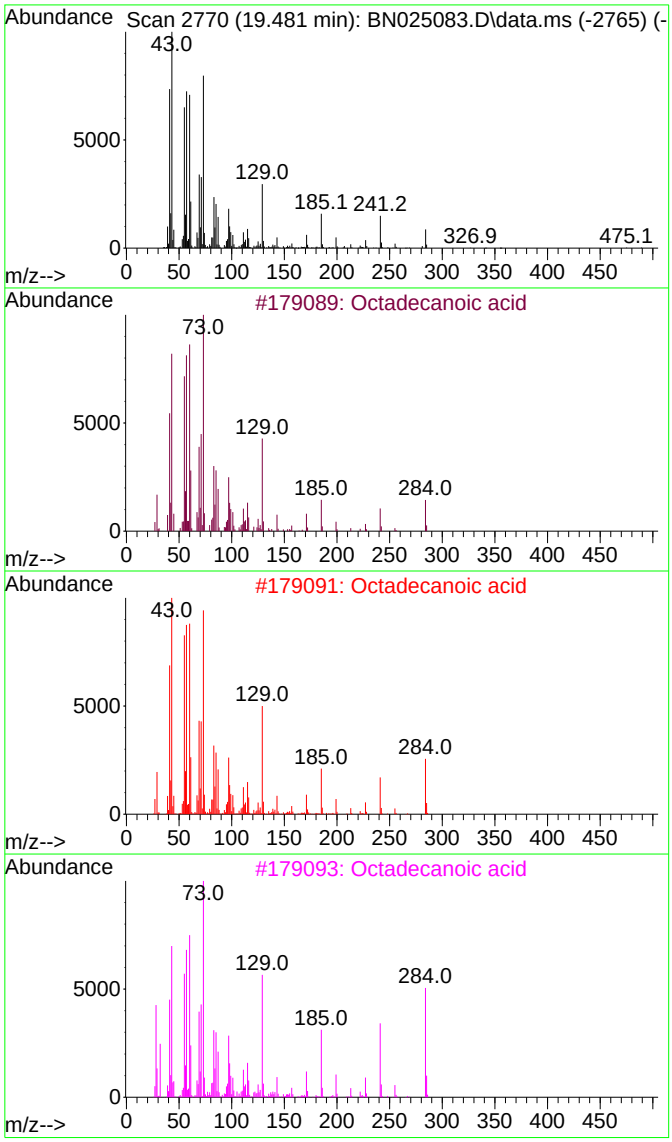
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

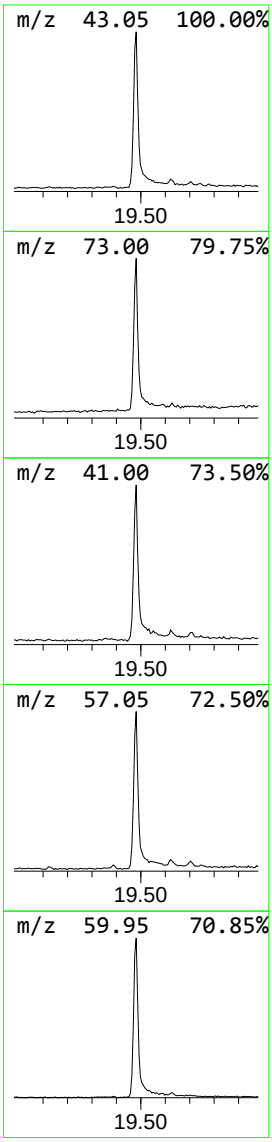
****

Peak Number 13 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.481	5.22 ng/ul	1227920	Chrysene-d12	21.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
Data File : BN025083.D
Acq On : 22 Apr 2023 19:19
Operator : CG/JU
Sample : 02378-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0ML2

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
1,2-Benzenediol...	10.469	4.3	ng/ul	489032	2	10.728	2251180	20.0
Benzene, 1-chlo...	11.334	8.3	ng/ul	940320	2	10.728	2251180	20.0
Benzene, 1-chlo...	11.552	2.5	ng/ul	277864	2	10.728	2251180	20.0
Benzene, 1,2,3,...	13.363	11.4	ng/ul	1751920	3	14.563	3088230	20.0
3,6-Dichloro-be...	13.463	2.7	ng/ul	418560	3	14.563	3088230	20.0
Benzophenone	15.922	5.6	ng/ul	862615	3	14.563	3088230	20.0
n-Hexadecanoic ...	18.198	3.1	ng/ul	588197	4	17.310	3811650	20.0
Octadecanoic acid	19.481	5.2	ng/ul	1227920	5	21.504	4704600	20.0