LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040323\
Data File : BP014507.D
Acq On : 04 Apr 2023 02:32
Operator : CG/JU
Sample : 02158-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-9D(20230330)

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_P\Methods\SFAM-EPA-BP032823.M
Title : SVOA CALIBRATION

Signal : TIC: BP014507.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.828	106	109	124	rBV	114529	228643	0.55%	0.231%
2	5.287	351	357	369	rBV	508178	812051	1.96%	0.821%
3	7.175	672	678	691	rBV	146835	287654	0.70%	0.291%
4	7.328	698	704	715	rBV	554004	886832	2.15%	0.897%
5	7.534	732	739	755	rBV	565604	972289	2.35%	0.983%
6	7.887	792	799	810	rBV	1126828	1829691	4.43%	1.850%
7	8.005	812	819	820	rVV	447592	592204	1.43%	0.599%
8	8.040	820	825	836	rVB	3298856	5286400	12.79%	5.346%
9	8.357	872	879	892	rVB	410849	682954	1.65%	0.691%
10	8.728	934	942	962	rBV	465713	843901	2.04%	0.853%
11	9.181	1012	1019	1029	rBV	722514	1229852	2.97%	1.244%
12	9.910	1136	1143	1149	rBV	617084	1024995	2.48%	1.037%
13	10.457	1227	1236	1245	rBV	809237	1564196	3.78%	1.582%
14	10.528	1246	1248	1257	rVB2	48735	83417	0.20%	0.084%
15	10.704	1267	1278	1288	rBV	22574825	41341925	100.00%	41.811%
16	10.834	1293	1300	1312	rVB	636962	1054389	2.55%	1.066%
17	10.975	1317	1324	1341	rBV	472600	984685	2.38%	0.996%
18	11.216	1356	1365	1373	rBV	1570739	2638325	6.38%	2.668%
19	11.804	1458	1465	1483	rBV2	40123	125766	0.30%	0.127%
20	12.857	1634	1644	1658	rBV2	101066	309969	0.75%	0.313%
21	13.187	1693	1700	1717	rBV2	189773	417979	1.01%	0.423%
22	13.316	1717	1722	1735	rVB3	34039	69842	0.17%	0.071%
23	13.457	1735	1746	1750	rBV	251364	409657	0.99%	0.414%
24	13.498	1750	1753	1770	rVB	333662	533145	1.29%	0.539%
25	13.722	1786	1791	1805	rVB2	36055	76915	0.19%	0.078%
26	14.069	1840	1850	1864	rBV	1789546	2555343	6.18%	2.584%
27	14.351	1892	1898	1913	rBV	1838455	2778638	6.72%	2.810%
28	14.657	1943	1950	1961	rBV	989523	1459624	3.53%	1.476%
29	14.922	1989	1995	2012	rBV3	68570	229153	0.55%	0.232%
30	15.069	2016	2020	2032	rVB6	21799	45359	0.11%	0.046%
31	15.398	2071	2076	2085	rBV	46024	71280	0.17%	0.072%
32	15.651	2113	2119	2129	rBV	2449647	3665648	8.87%	3.707%
33	15.786	2135	2142	2155	rBV	837245	1339495	3.24%	1.355%
34	16.022	2176	2182	2191	rBV	270388	379384	0.92%	0.384%
35	17.422	2414	2420	2430	rBV	1289706	1841385	4.45%	1.862%
36	17.522	2430	2437	2448	rBV	3115919	4386089	10.61%	4.436%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040323\
Data File : BP014507.D
Acq On : 04 Apr 2023 02:32
Operator : CG/JU
Sample : 02158-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-9D(20230330)

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_P\Methods\SFAM-EPA-BP032823.M
Title : SVOA CALIBRATION

37	18.286	2563	2567	2577	rBV	182602	290819	0.70%	0.294%
38	19.327	2740	2744	2748	rVB2	45014	58801	0.14%	0.059%
39	19.398	2752	2756	2763	rVV	52694	95832	0.23%	0.097%
40	19.516	2772	2776	2783	rBV	155701	237103	0.57%	0.240%
41	19.751	2810	2816	2823	rBV	4019473	5262064	12.73%	5.322%
42	21.180	3056	3059	3066	rBV2	177652	239919	0.58%	0.243%
43	21.510	3110	3115	3124	rBV	1538254	2154569	5.21%	2.179%
44	23.863	3507	3515	3529	rVB	2713076	5474600	13.24%	5.537%
45	24.021	3536	3542	3555	rVB2	953921	2026480	4.90%	2.049%

Sum of corrected areas: 98879261

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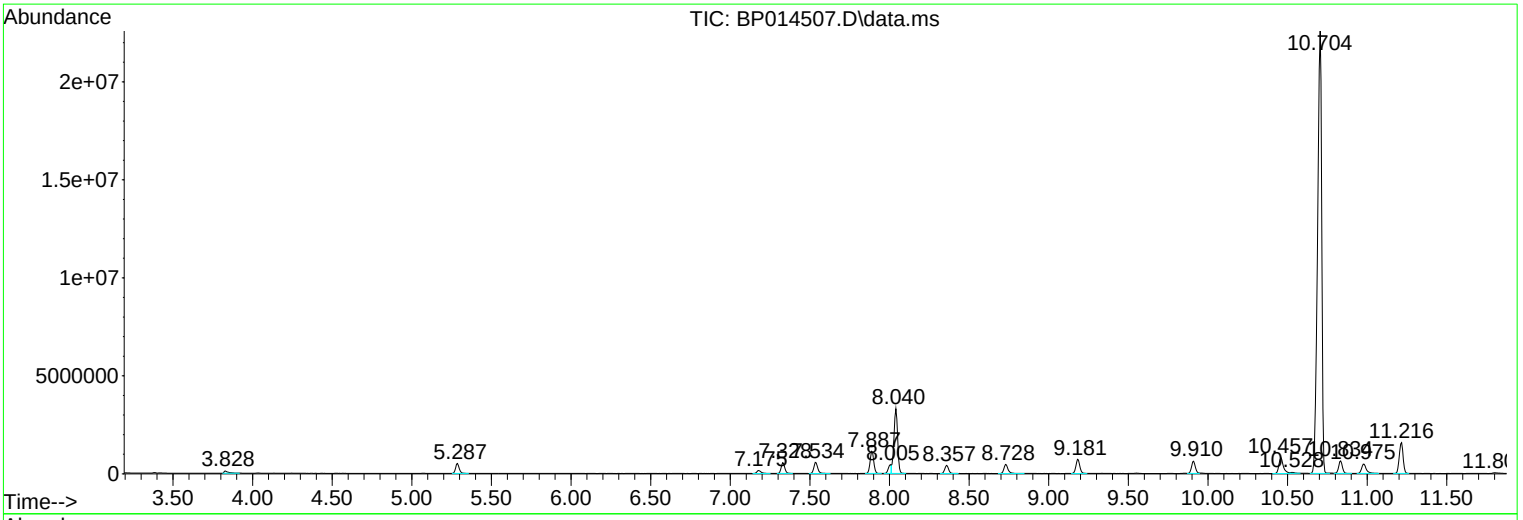
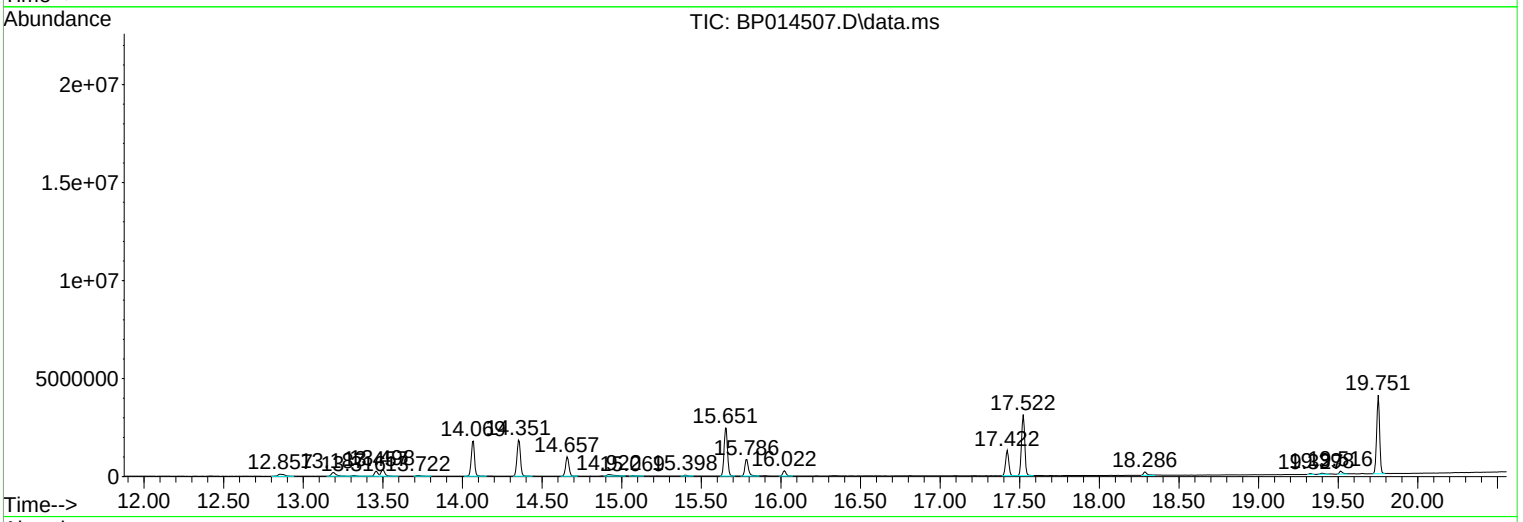
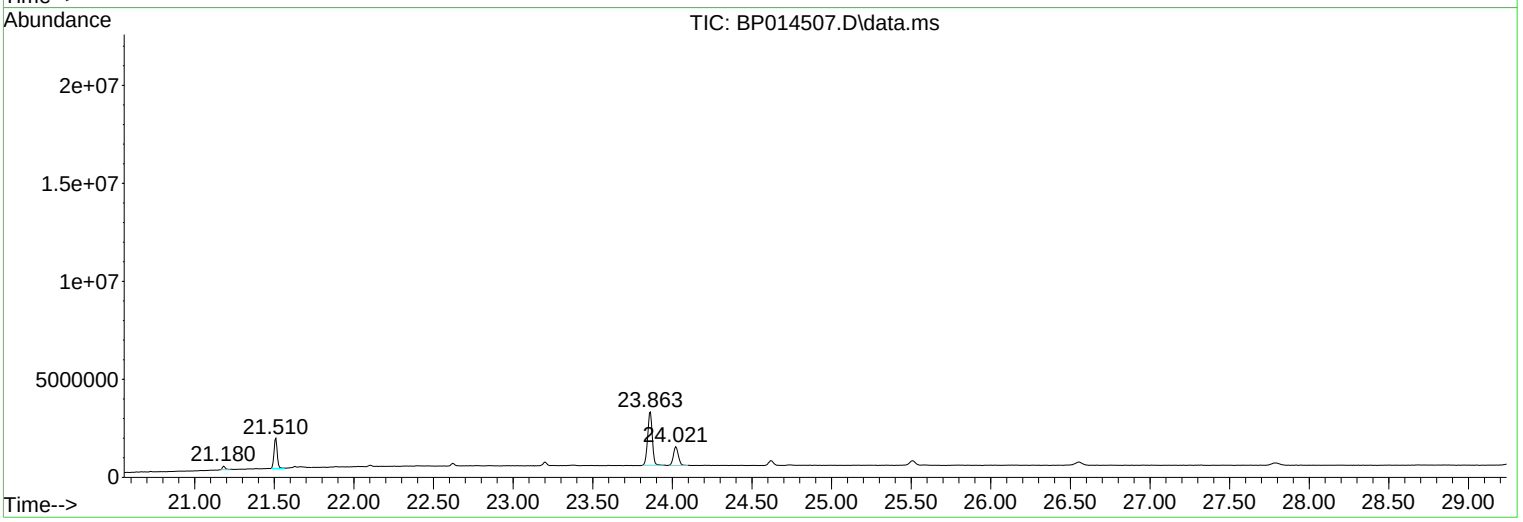
Instrument :
BNA_P
ClientSampleId :
PMW-9D(20230330)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

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







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Data File : BP014507.D
Acq On : 04 Apr 2023 02:32
Operator : CG/JU
Sample : 02158-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-9D(20230330)

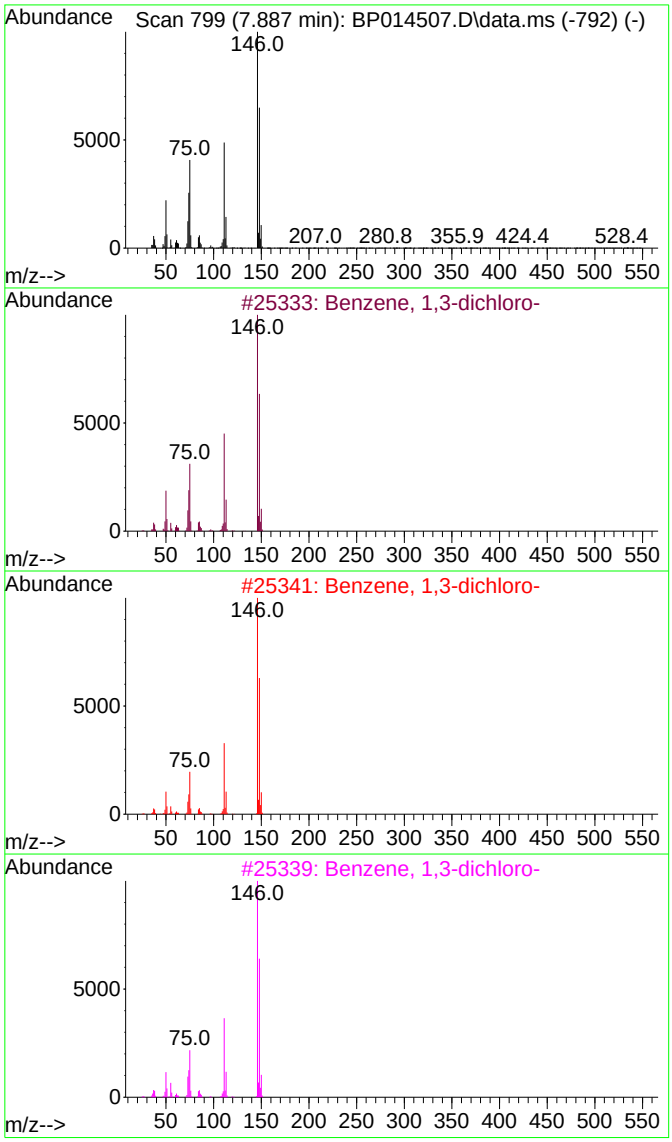
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

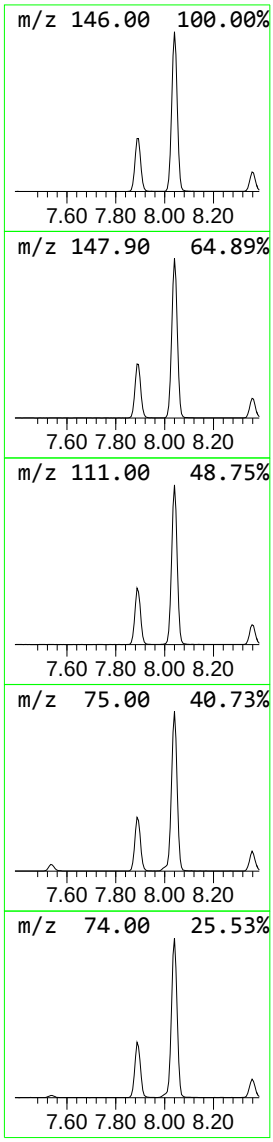
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.887	61.79 ng/ul	1829690	1,4-Dichlorobenzene-d4	8.005

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





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Data File : BP014507.D
Acq On : 04 Apr 2023 02:32
Operator : CG/JU
Sample : 02158-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-9D(20230330)

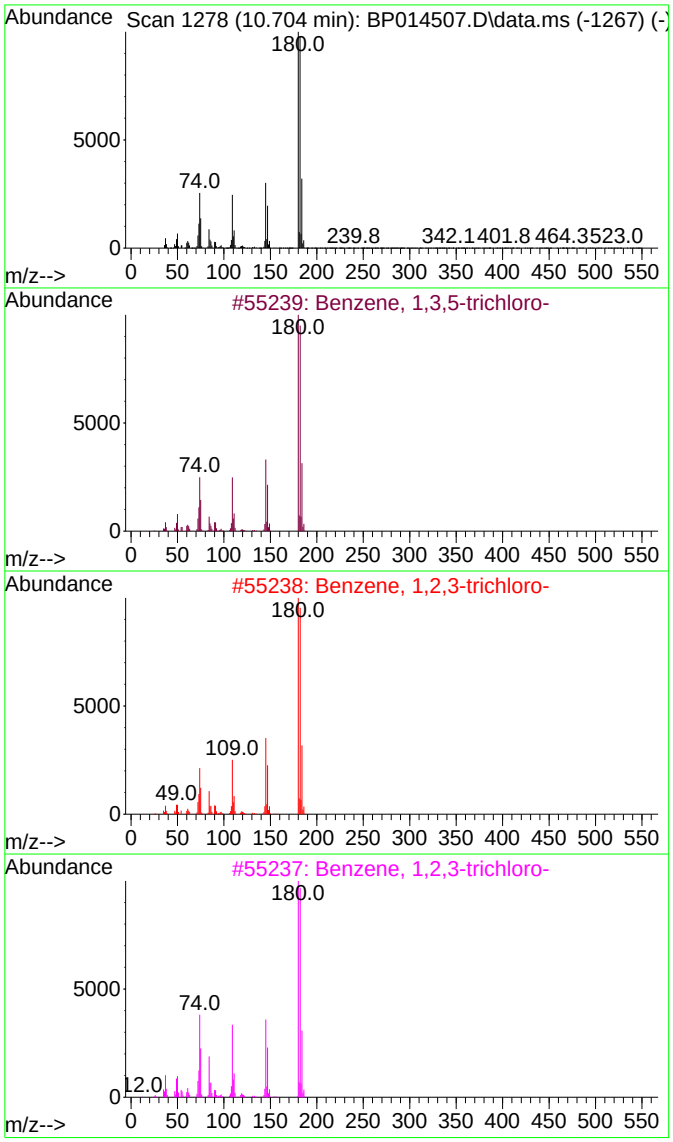
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

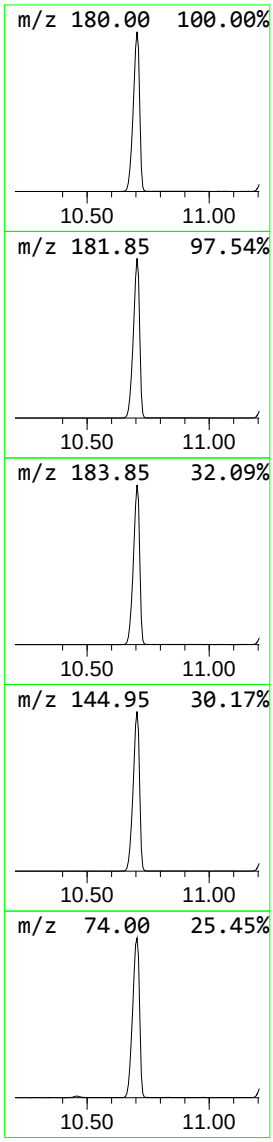
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,3,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.704	784.19 ng/ul	41341900	Naphthalene-d8	10.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
2	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
5	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040323\
Data File : BP014507.D
Acq On : 04 Apr 2023 02:32
Operator : CG/JU
Sample : 02158-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-9D(20230330)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

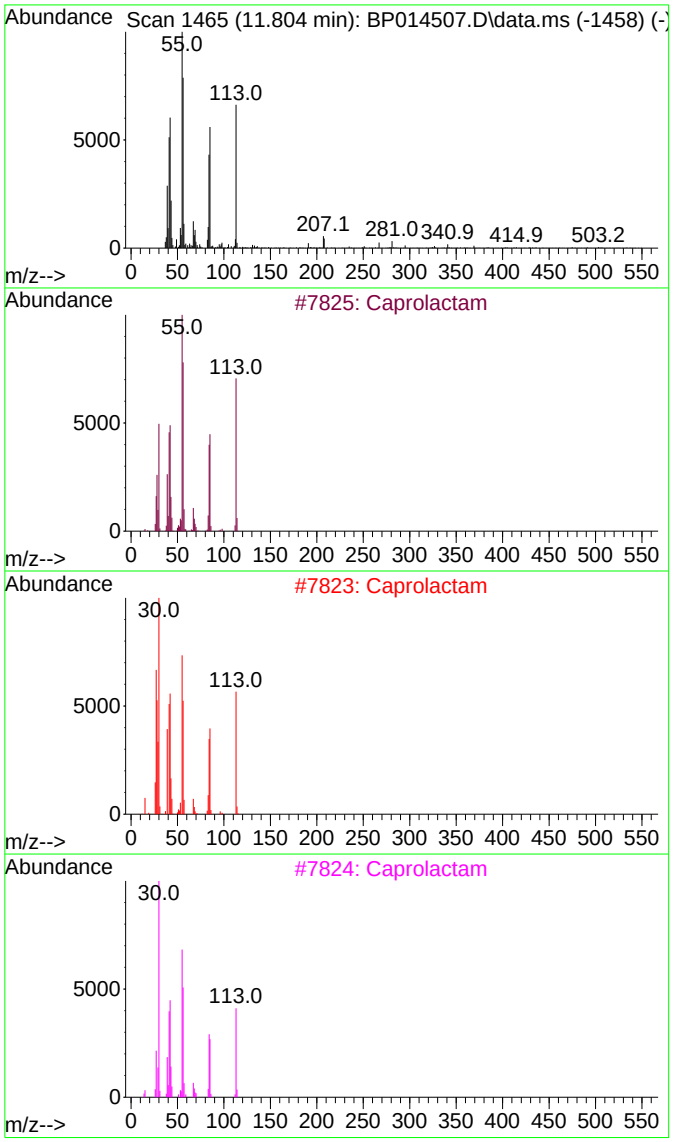
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

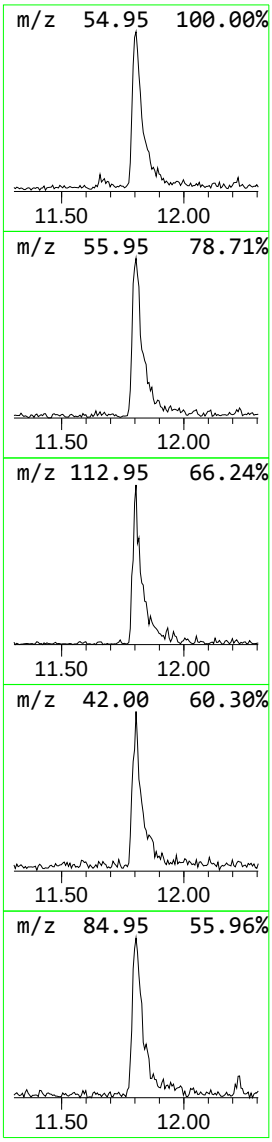
****

Peak Number 6 Capro lactam Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	2.39 ng/ul	125766	Naphthalene-d8	10.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caprolactam	113	C6H11NO	000105-60-2	94
2	Caprolactam	113	C6H11NO	000105-60-2	90
3	Caprolactam	113	C6H11NO	000105-60-2	83
4	Caprolactam	113	C6H11NO	000105-60-2	74
5	2H-Pyran-2-one, tetrahydro-5,6-d...	128	C7H12O2	024405-16-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040323\
Data File : BP014507.D
Acq On : 04 Apr 2023 02:32
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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-9D(20230330)

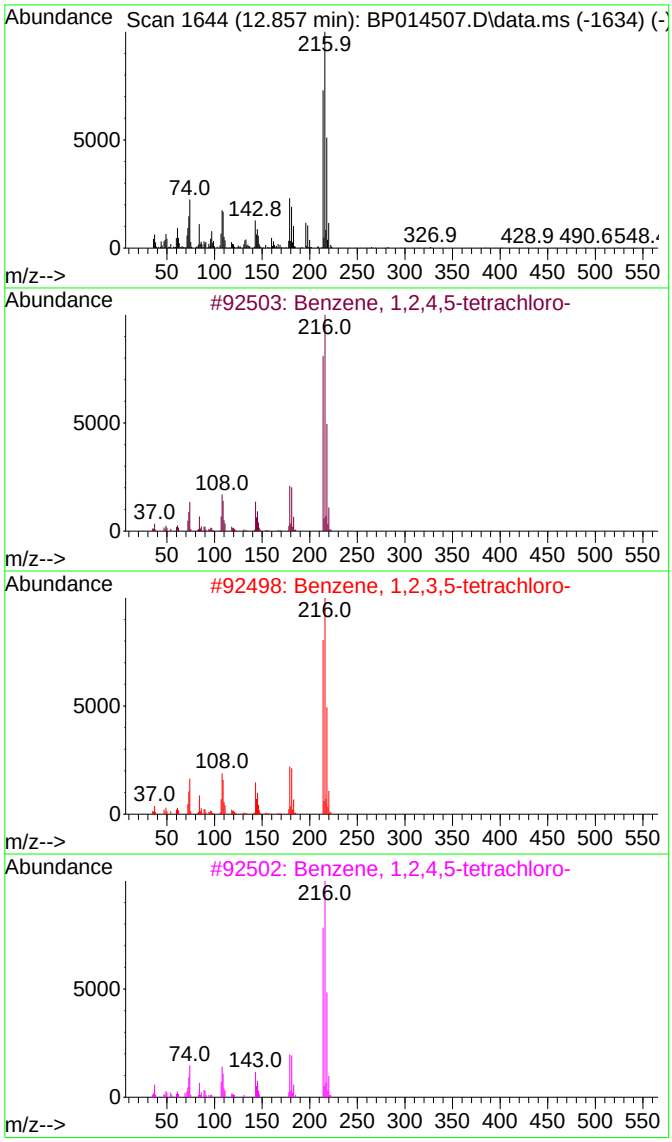
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

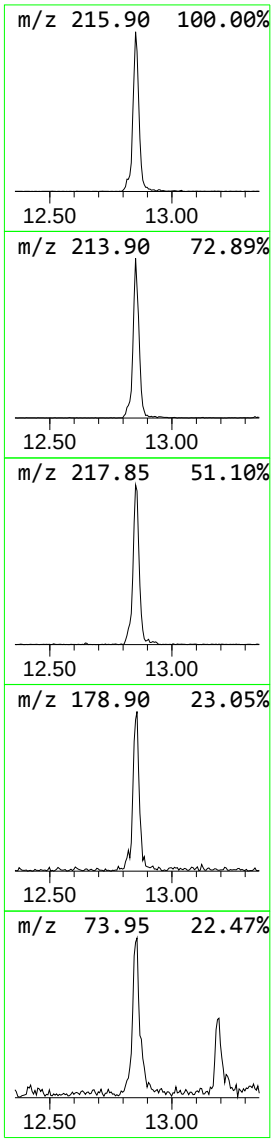
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,4,5-tetrachloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.857	4.25 ng/ul	309969	Acenaphthene-d10	14.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	99
2	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	99
3	Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	98
4	Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	98
5	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	98





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Operator : CG/JU
Sample : 02158-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-9D(20230330)

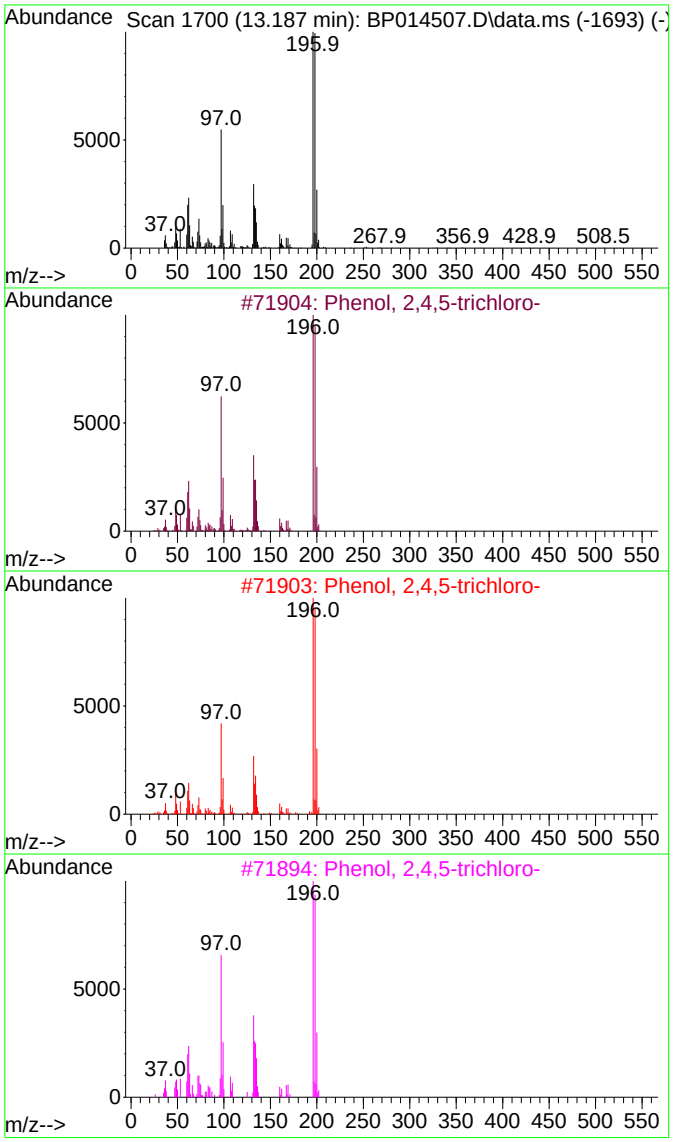
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

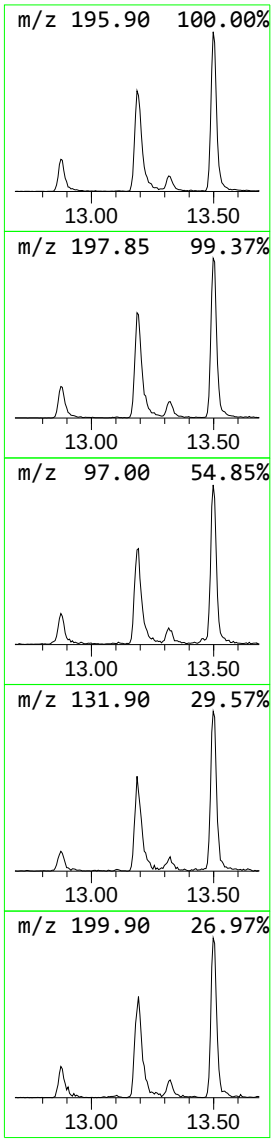
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenol, 2,4,5-trichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.187	5.73 ng/ul	417979	Acenaphthene-d10	14.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,5-trichloro-	196	C6H3Cl3O	000095-95-4	99
2	Phenol, 2,4,5-trichloro-	196	C6H3Cl3O	000095-95-4	98
3	Phenol, 2,4,5-trichloro-	196	C6H3Cl3O	000095-95-4	95
4	Phenol, 2,3,5-trichloro-	196	C6H3Cl3O	000933-78-8	94
5	Phenol, 2,4,6-trichloro-	196	C6H3Cl3O	000088-06-2	93





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Data File : BP014507.D
Acq On : 04 Apr 2023 02:32
Operator : CG/JU
Sample : 02158-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-9D(20230330)

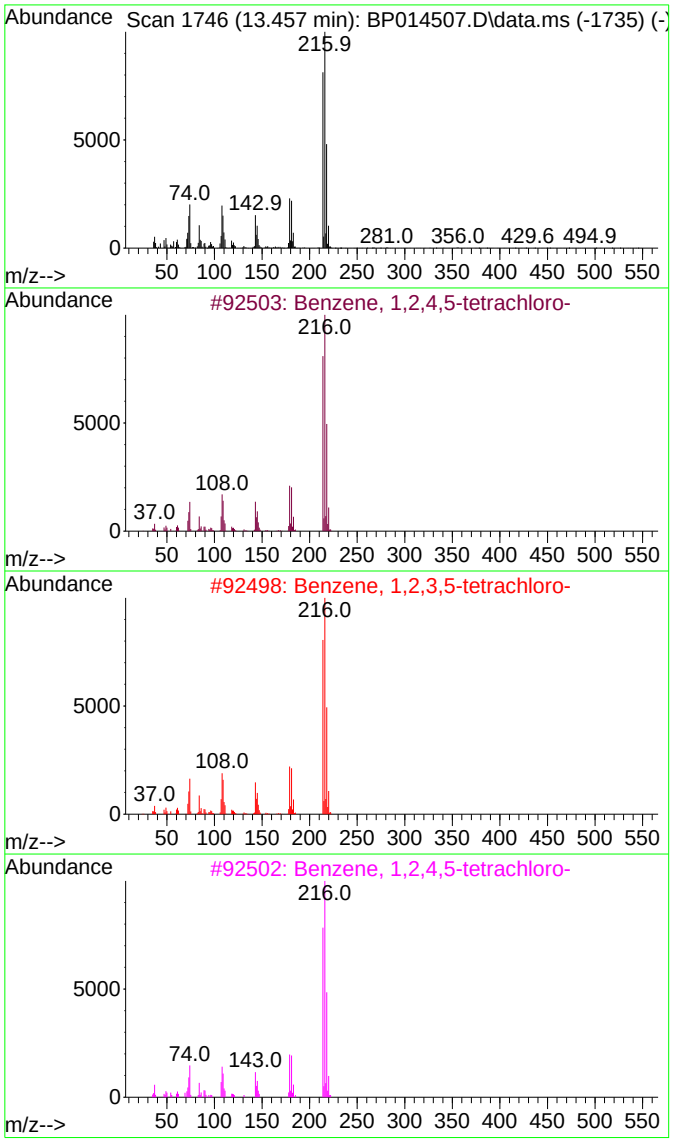
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

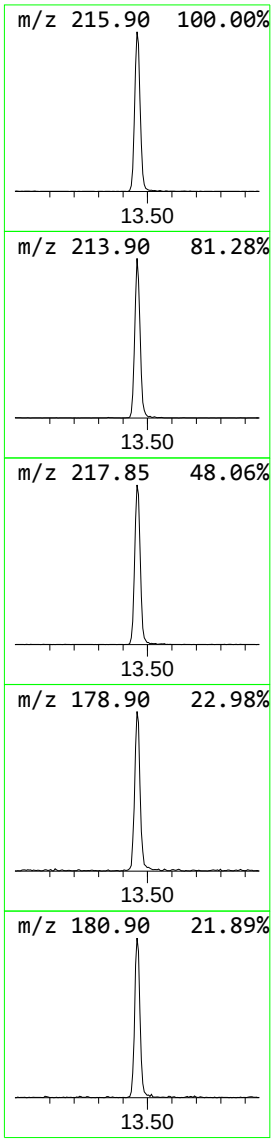
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3,5-tetrachloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.457	5.61 ng/ul	409657	Acenaphthene-d10	14.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	99
2	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	99
3	Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	99
4	Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	98
5	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	98





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ClientSampleId :
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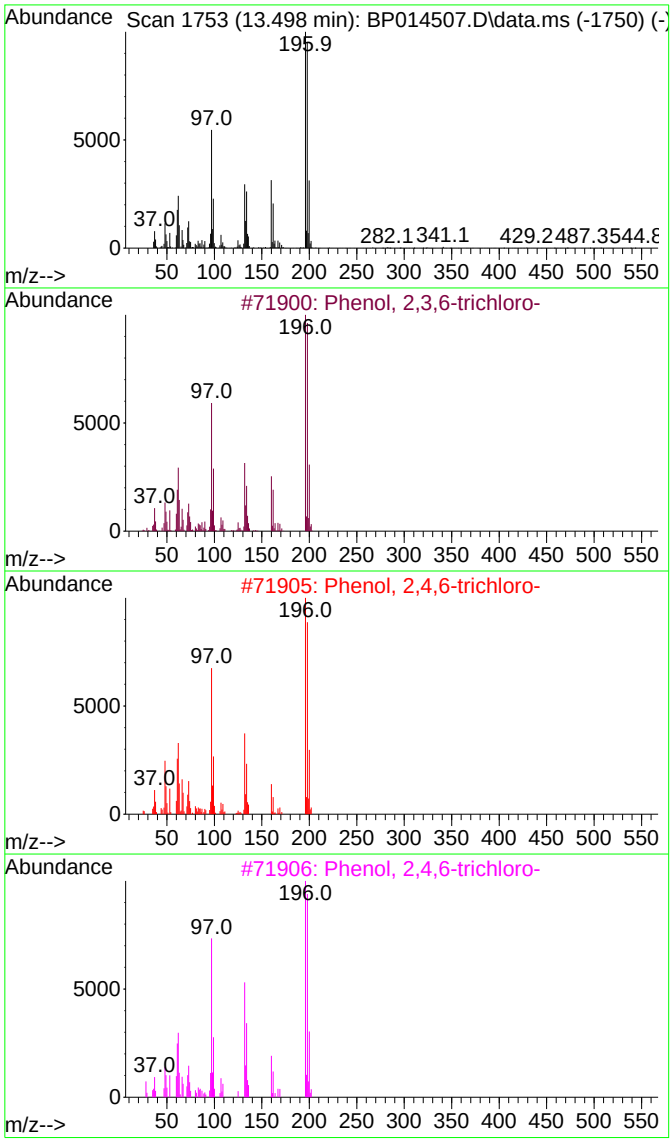
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

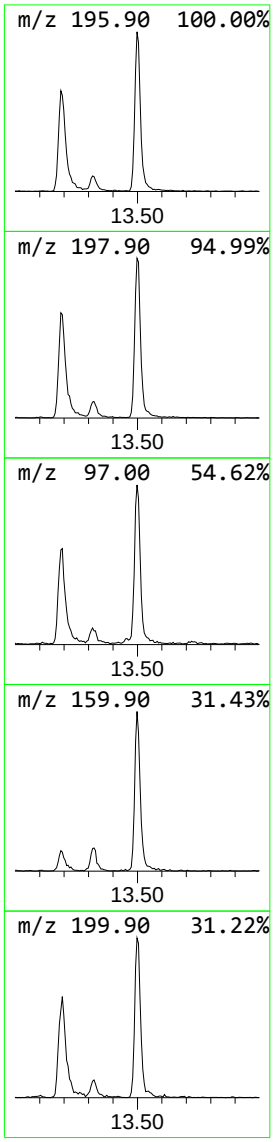
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenol, 2,3,6-trichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.498	7.31 ng/ul	533145	Acenaphthene-d10	14.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trichloro-	196	C6H3Cl3O	000933-75-5	98
2	Phenol, 2,4,6-trichloro-	196	C6H3Cl3O	000088-06-2	97
3	Phenol, 2,4,6-trichloro-	196	C6H3Cl3O	000088-06-2	97
4	Phenol, 2,3,6-trichloro-	196	C6H3Cl3O	000933-75-5	97
5	Phenol, 2,3,5-trichloro-	196	C6H3Cl3O	000933-78-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040323\
Data File : BP014507.D
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Sample : 02158-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PMW-9D(20230330)

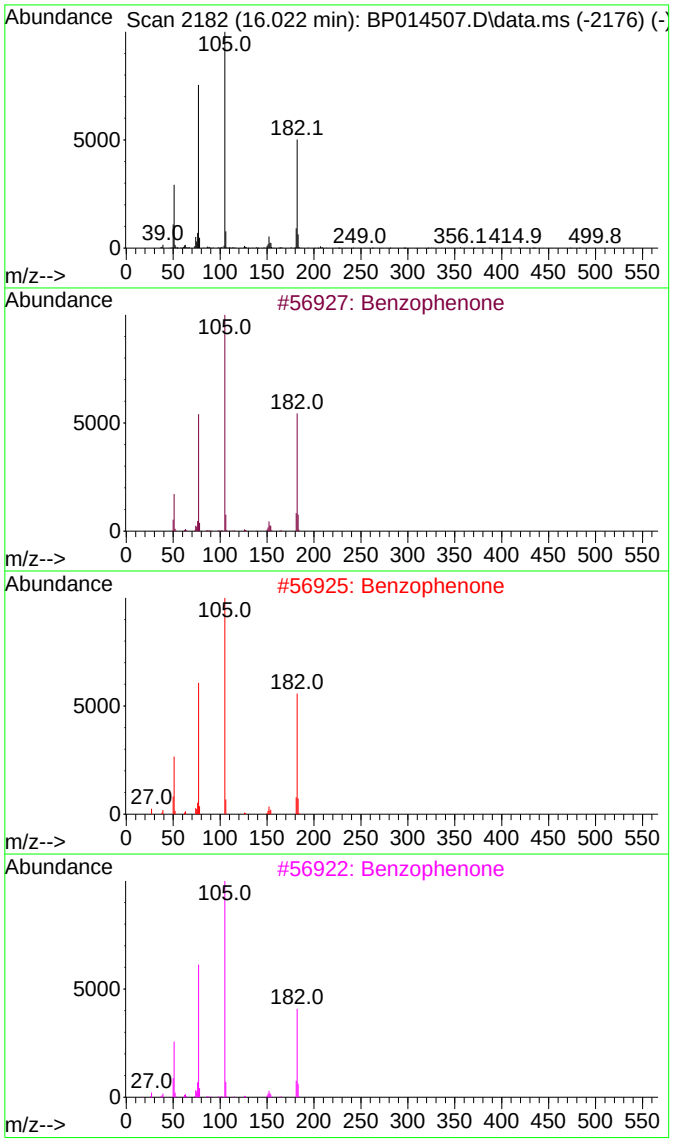
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

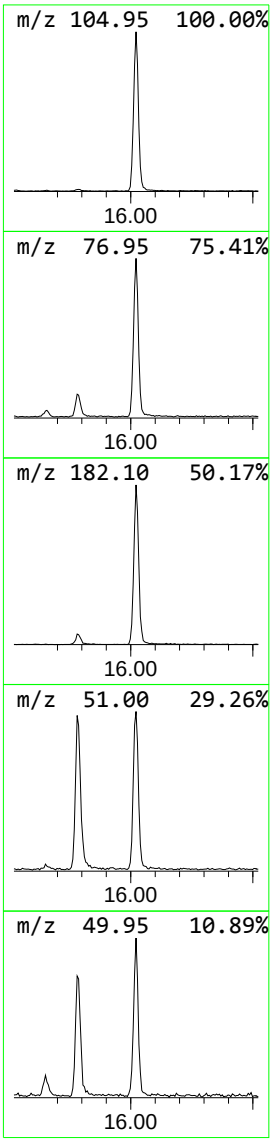
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.022	5.20 ng/ul	379384	Acenaphthene-d10	14.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	96
4	Benzophenone	182	C13H10O	000119-61-9	93
5	Benzophenone	182	C13H10O	000119-61-9	91





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Acq On : 04 Apr 2023 02:32
Operator : CG/JU
Sample : 02158-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-9D(20230330)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

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

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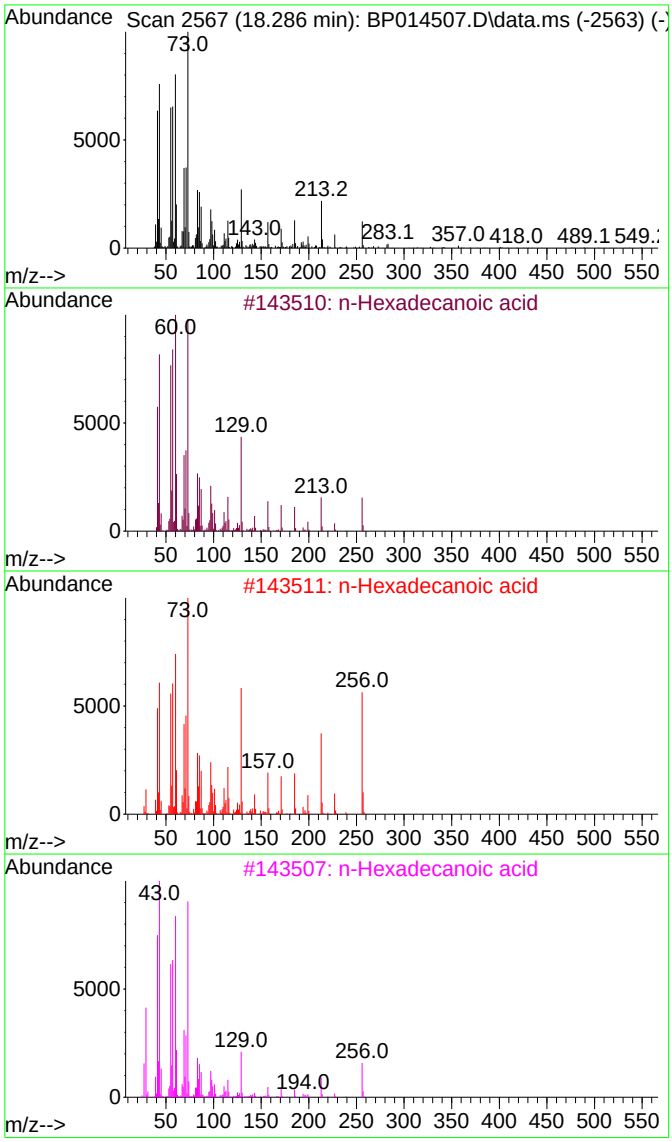
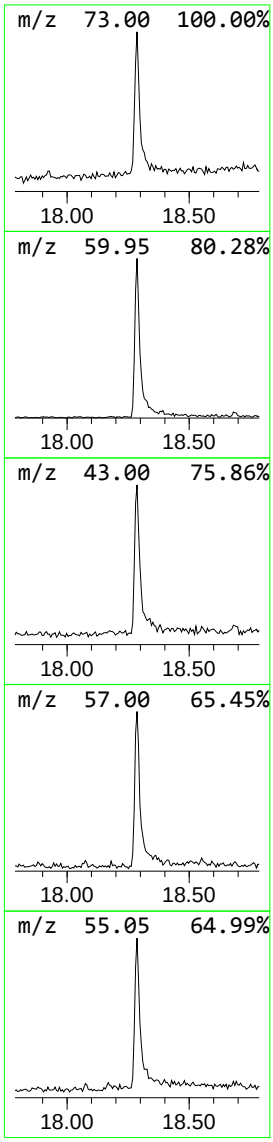
Peak Number 12 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	3.16 ng/ul	290819	Phenanthrene-d10	17.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	89





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Data File : BP014507.D
Acq On : 04 Apr 2023 02:32
Operator : CG/JU
Sample : 02158-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-9D(20230330)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

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

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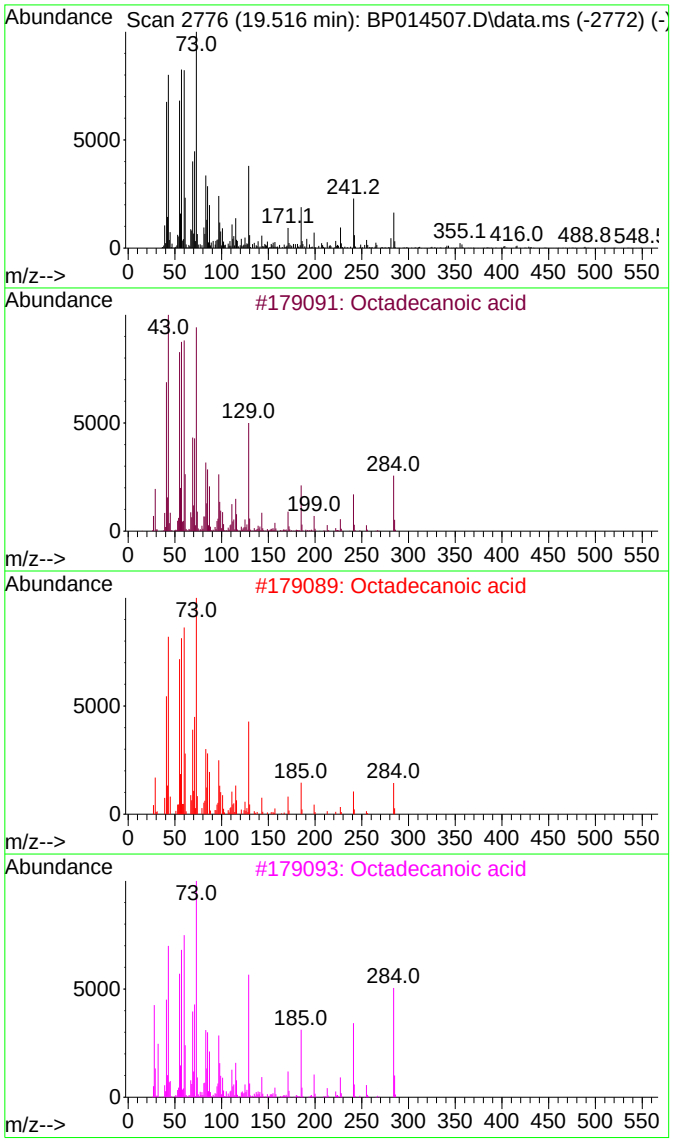
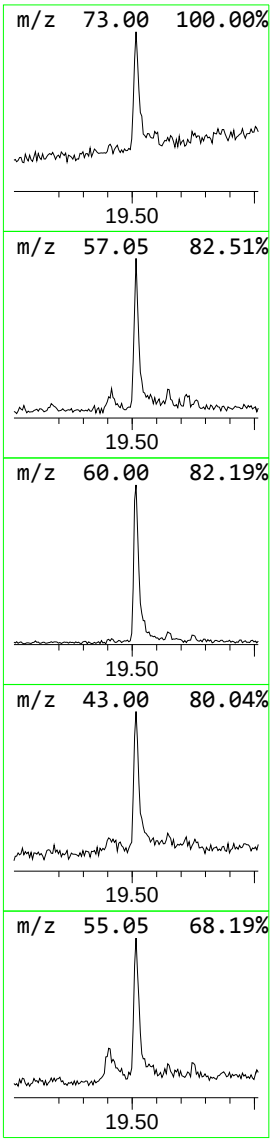
Peak Number 13 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.516	2.20 ng/ul	237103	Chrysene-d12	21.510

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	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	97
5	Octadecanoic acid	284	C18H36O2	000057-11-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040323\
Data File : BP014507.D
Acq On : 04 Apr 2023 02:32
Operator : CG/JU
Sample : 02158-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-9D(20230330)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

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

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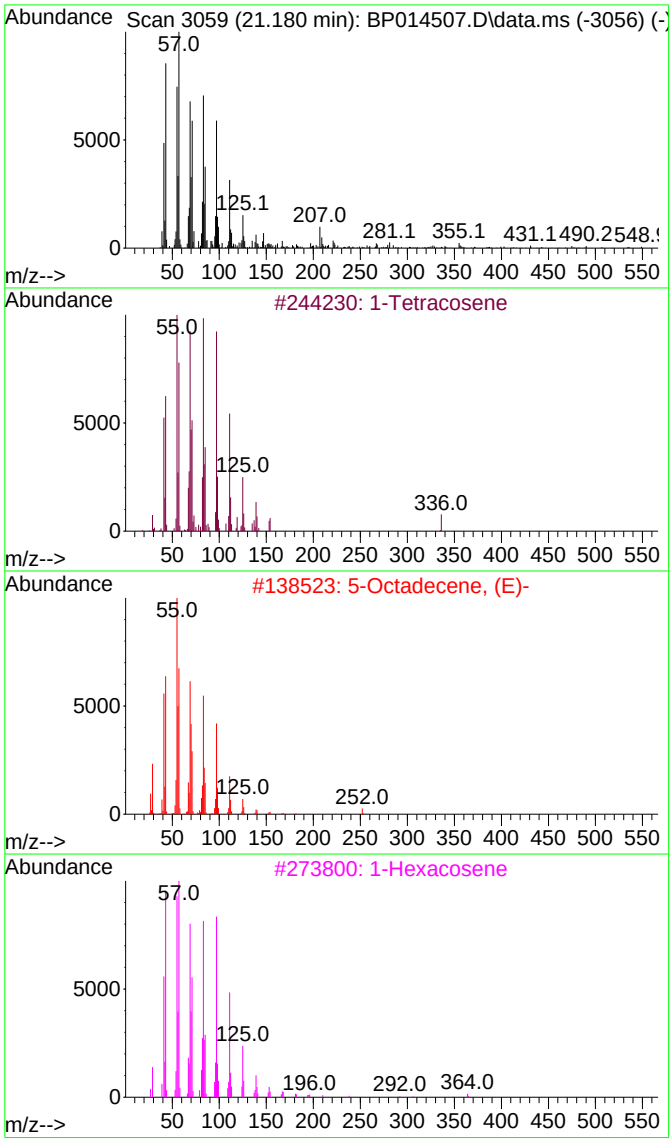
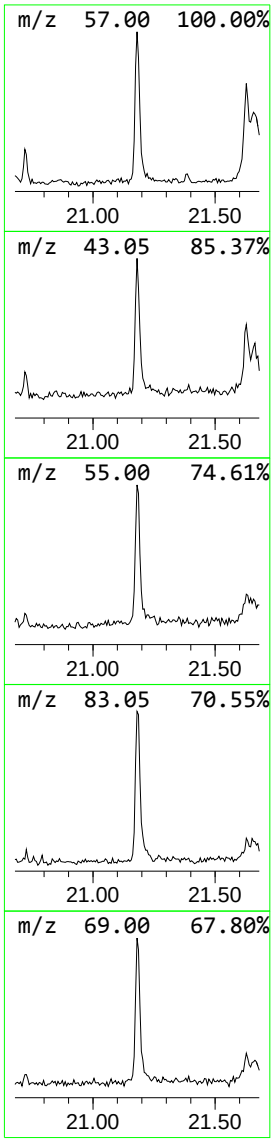
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.180	2.23 ng/ul	239919	Chrysene-d12	21.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	97
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
3	1-Hexacosene	364	C26H52	018835-33-1	94
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
5	1-Hexacosanol	382	C26H54O	000506-52-5	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040323\
Data File : BP014507.D
Acq On : 04 Apr 2023 02:32
Operator : CG/JU
Sample : 02158-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-9D(20230330)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.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, 1,3-di...	7.887	61.8	ng/ul	1829690	1	8.005	592204	20.0
Benzene, 1,3,5-...	10.704	784.2	ng/ul	41341900	2	10.834	1054390	20.0
Capro lactam	11.804	2.4	ng/ul	125766	2	10.834	1054390	20.0
Benzene, 1,2,4,...	12.857	4.3	ng/ul	309969	3	14.657	1459620	20.0
Phenol, 2,4,5-t...	13.187	5.7	ng/ul	417979	3	14.657	1459620	20.0
Benzene, 1,2,3,...	13.457	5.6	ng/ul	409657	3	14.657	1459620	20.0
Phenol, 2,3,6-t...	13.498	7.3	ng/ul	533145	3	14.657	1459620	20.0
Benzophenone	16.022	5.2	ng/ul	379384	3	14.657	1459620	20.0
n-Hexadecanoic ...	18.286	3.2	ng/ul	290819	4	17.422	1841390	20.0
Octadecanoic acid	19.516	2.2	ng/ul	237103	5	21.510	2154570	20.0
(DEL) Alkane: S...	21.180	2.2	ng/ul	239919	5	21.510	2154570	20.0