LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090823\
Data File : BP017067.D
Acq On : 10 Sep 2023 00:23
Operator : MA/JU
Sample : 04227-01
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBKE3

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-BP090523.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017067.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.275	27	32	38	rBV	1153690	1729879	1.64%	0.646%
2	3.323	38	40	55	rVB	193582	297234	0.28%	0.111%
3	3.764	111	115	131	rBV	788242	1311067	1.25%	0.490%
4	3.958	142	148	157	rVB	66275	118858	0.11%	0.044%
5	4.593	250	256	266	rBV2	31136216	105193682	100.00%	39.290%
6	5.322	374	380	392	rBV	131306	209914	0.20%	0.078%
7	5.928	477	483	490	rBV	144896	223278	0.21%	0.083%
8	7.116	677	685	699	rVB	550830	873971	0.83%	0.326%
9	7.311	711	718	732	rBV	2589821	3996054	3.80%	1.493%
10	7.487	741	748	762	rBV	2184602	3493789	3.32%	1.305%
11	7.969	822	830	839	rBV	1922924	2954239	2.81%	1.103%
12	8.058	839	845	853	rVB	204417	322128	0.31%	0.120%
13	8.675	944	950	959	rBV	1648810	2617597	2.49%	0.978%
14	9.169	1024	1034	1048	rBV	3063674	4910908	4.67%	1.834%
15	9.481	1081	1087	1097	rVB	642595	979398	0.93%	0.366%
16	9.881	1148	1155	1164	rBV	2328910	3663653	3.48%	1.368%
17	10.157	1196	1202	1209	rBV	78023	129794	0.12%	0.048%
18	10.410	1237	1245	1255	rBV	3267371	5458292	5.19%	2.039%
19	10.793	1303	1310	1316	rBV	2660765	4476886	4.26%	1.672%
20	10.846	1316	1319	1330	rVB	423299	670539	0.64%	0.250%
21	10.957	1330	1338	1352	rBV	3011252	4958703	4.71%	1.852%
22	12.375	1572	1579	1586	rVB3	66142	127460	0.12%	0.048%
23	12.669	1616	1629	1636	rBV	385289	640826	0.61%	0.239%
24	13.328	1733	1741	1747	rBV3	83612	140875	0.13%	0.053%
25	13.475	1757	1766	1782	rBV4	111744	263124	0.25%	0.098%
26	13.610	1782	1789	1796	rBV4	59408	119400	0.11%	0.045%
27	13.681	1796	1801	1805	rVV2	99805	143425	0.14%	0.054%
28	13.728	1805	1809	1814	rVV	70264	109243	0.10%	0.041%
29	13.810	1820	1823	1829	rVB	222050	311958	0.30%	0.117%
30	13.934	1840	1844	1849	rVB	74823	118190	0.11%	0.044%
31	14.045	1856	1863	1869	rVV	6855320	9373070	8.91%	3.501%
32	14.328	1904	1911	1925	rBV	7969226	11197674	10.64%	4.182%
33	14.628	1951	1962	1968	rBV	4053428	5896030	5.60%	2.202%
34	14.840	1988	1998	2007	rBV	455911	799222	0.76%	0.299%
35	15.251	2060	2068	2074	rVB8	49890	107559	0.10%	0.040%
36	15.622	2124	2131	2138	rBV	10027353	13987394	13.30%	5.224%

LSC Area Percent Report

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Sample : 04227-01
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BBKE3

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-BP090523.MA.M
Title : SVOA CALIBRATION

37	15.745	2146	2152	2159	rBV	3378283	4559307	4.33%	1.703%
38	17.392	2426	2432	2439	rVB	4924379	6806070	6.47%	2.542%
39	17.498	2443	2450	2461	rBV	11038231	15545151	14.78%	5.806%
40	18.239	2571	2576	2585	rBV	987577	1454886	1.38%	0.543%
41	19.298	2753	2756	2761	rBV	118871	156536	0.15%	0.058%
42	19.369	2765	2768	2776	rVB	155266	204979	0.19%	0.077%
43	19.469	2781	2785	2791	rBV	420289	542969	0.52%	0.203%
44	19.733	2824	2830	2837	rBV	14010042	17662814	16.79%	6.597%
45	21.163	3069	3073	3082	rVB	677004	962254	0.91%	0.359%
46	21.486	3123	3128	3138	rBV	5196796	6562533	6.24%	2.451%
47	23.857	3523	3531	3547	rVB2	7648982	15203669	14.45%	5.679%
48	24.021	3552	3559	3573	rVB	3002514	6148804	5.85%	2.297%

Sum of corrected areas: 267735285

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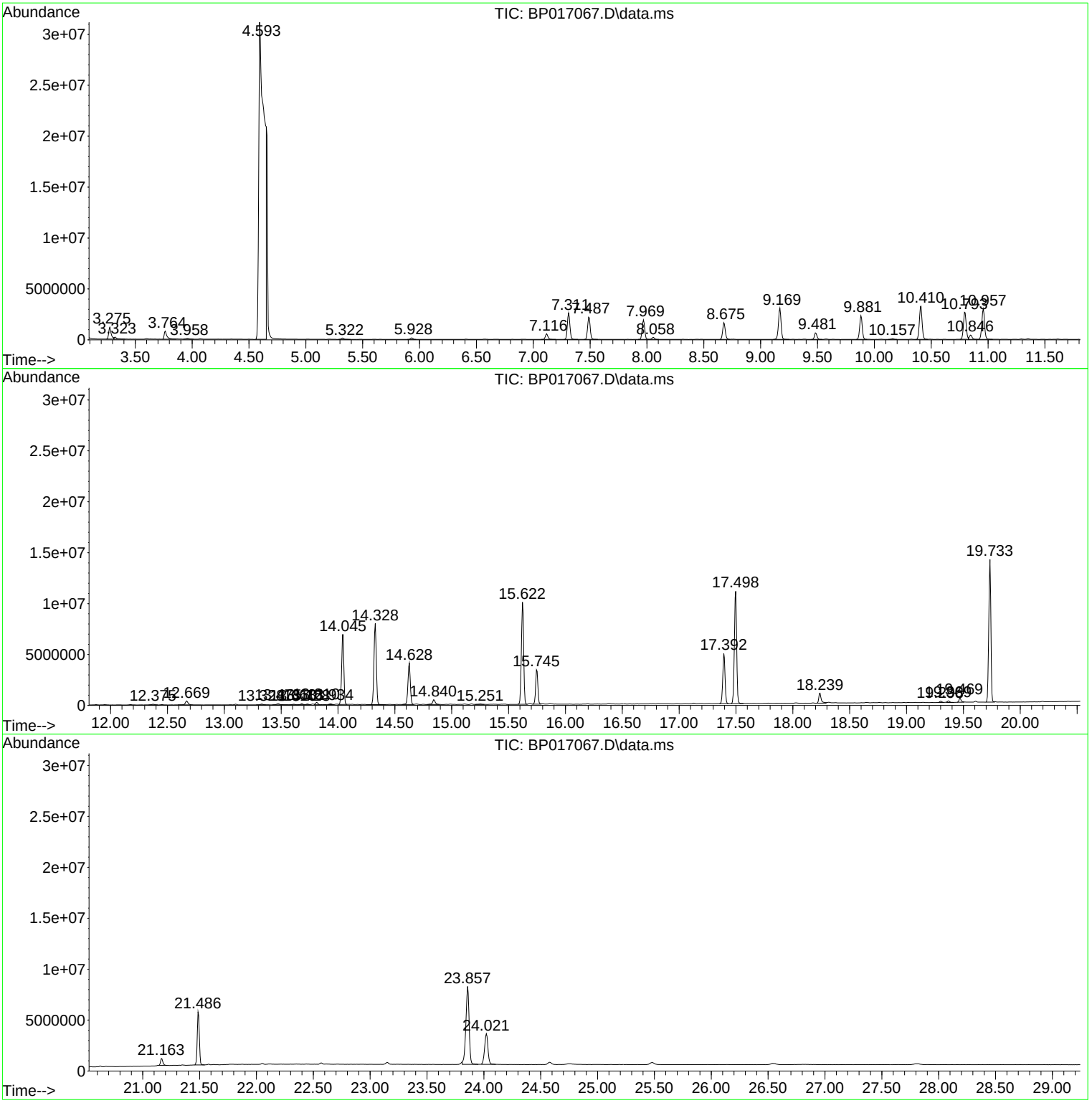
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
Quant Title : SVOA CALIBRATION

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



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Operator : MA/JU
Sample : 04227-01
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ALS Vial : 79 Sample Multiplier: 1

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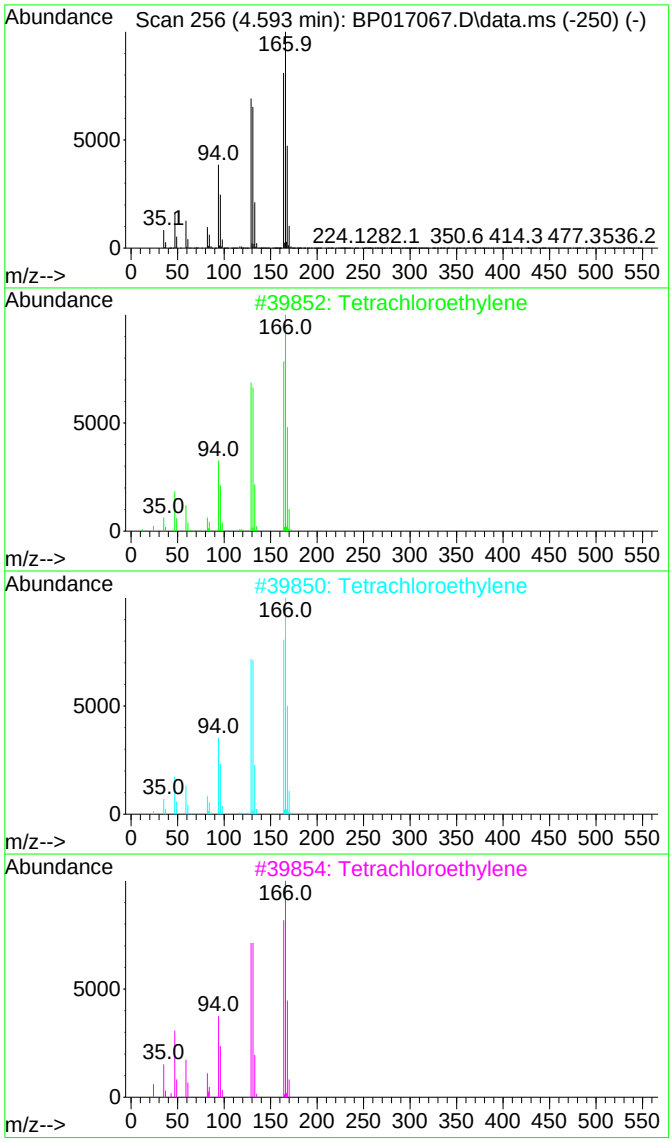
Quant Title : SVOA CALIBRATION

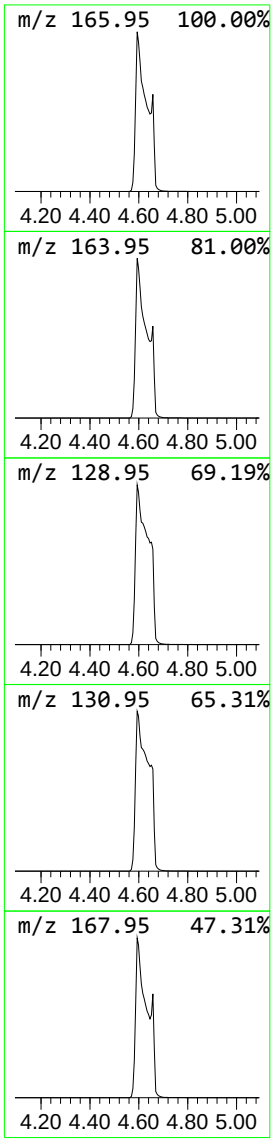
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Tetrachloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.593	712.15 ng/ul	105194000	1,4-Dichlorobenzene-d4	7.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	99
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	99
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
5	2,4-Dichloro-6-fluoropyrimidine	166	C4HCl2FN2	003833-57-6	35





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Data File : BP017067.D
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Sample : 04227-01
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
Quant Title : SVOA CALIBRATION

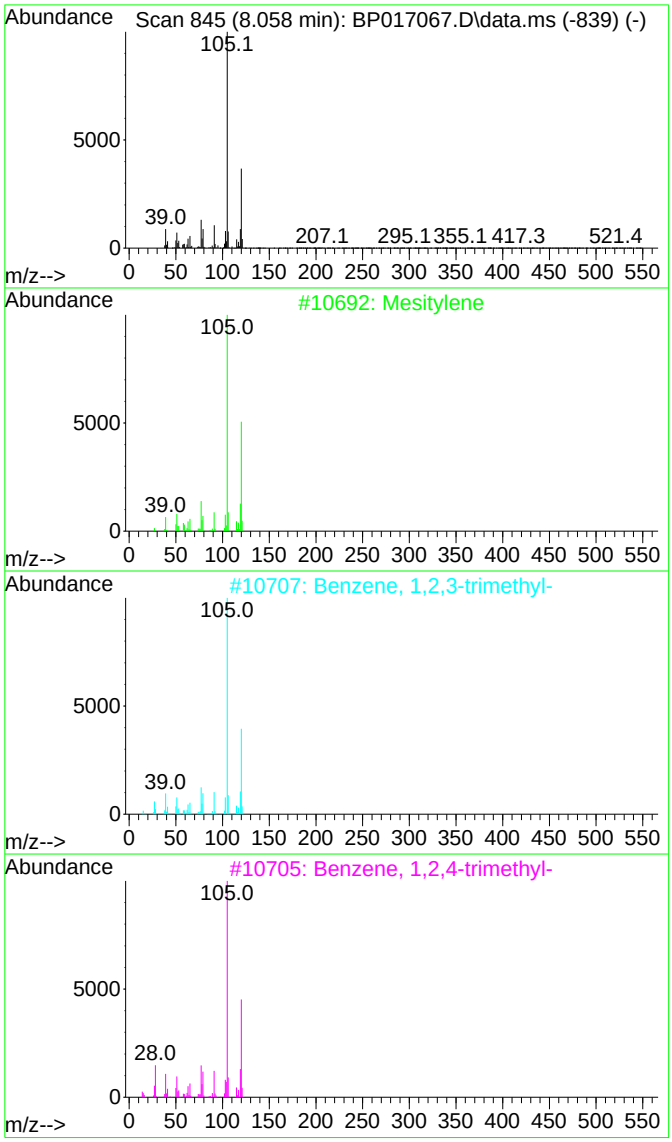
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

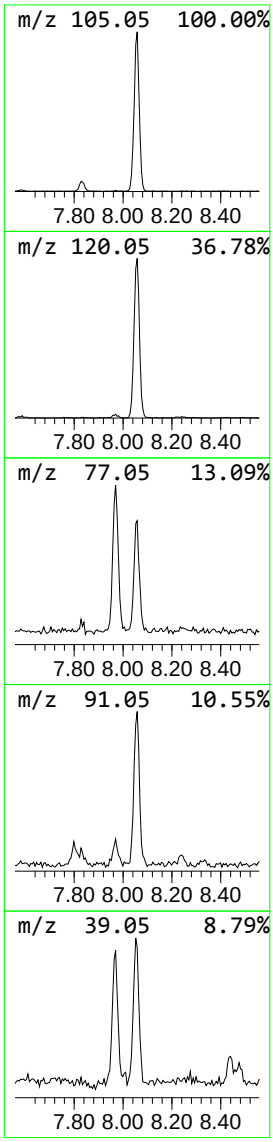
****

Peak Number 2 Mesitylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.058	2.18 ng/ul	322128	1,4-Dichlorobenzene-d4	7.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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ALS Vial : 79 Sample Multiplier: 1

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BNA_P
ClientSampleId :
BBKE3

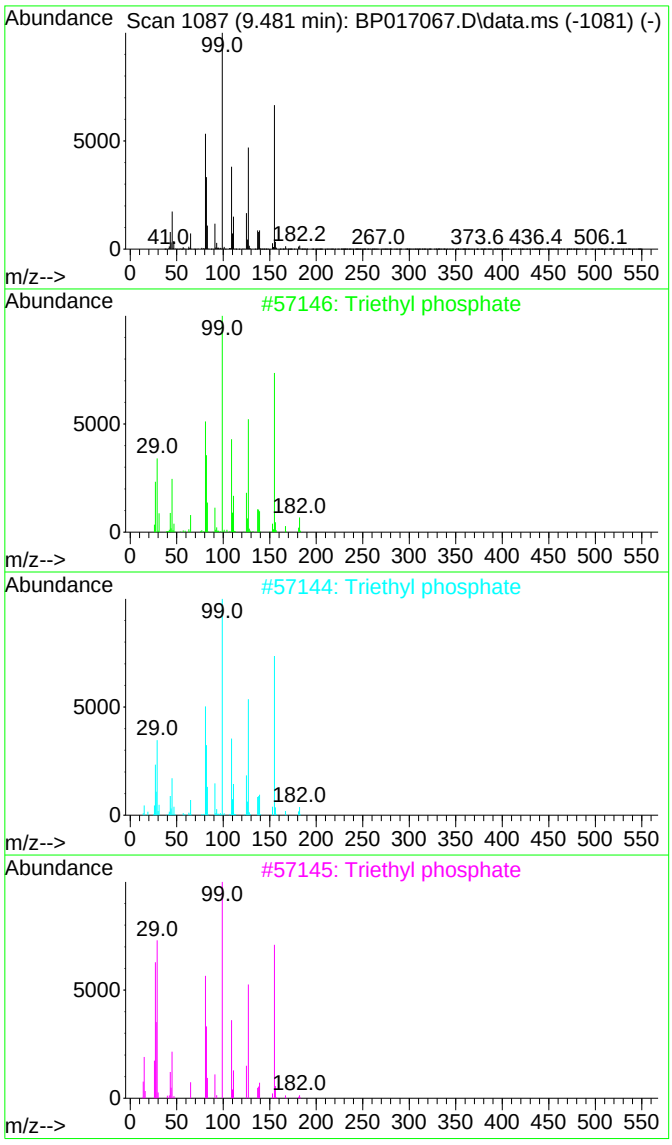
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
Quant Title : SVOA CALIBRATION

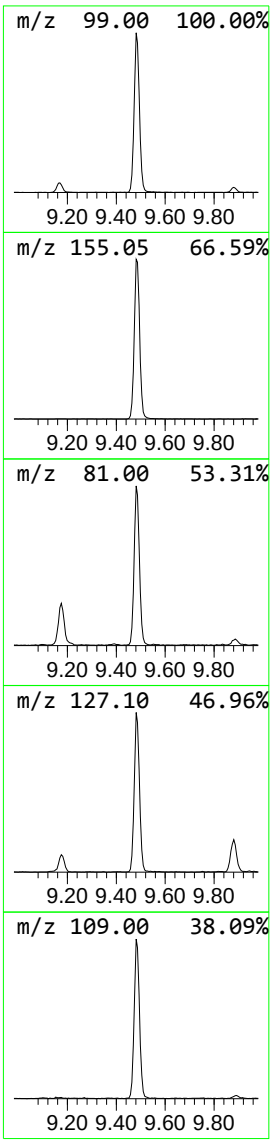
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Triethyl phosphate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.481	4.38 ng/ul	979398	Naphthalene-d8	10.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl phosphate	182	C6H15O4P	000078-40-0	91
2	Triethyl phosphate	182	C6H15O4P	000078-40-0	90
3	Triethyl phosphate	182	C6H15O4P	000078-40-0	81
4	Triethyl phosphate	182	C6H15O4P	000078-40-0	43
5	Phosphoric acid, diethyl octyl e...	266	C12H27O4P	1000308-90-4	42





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Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBKE3

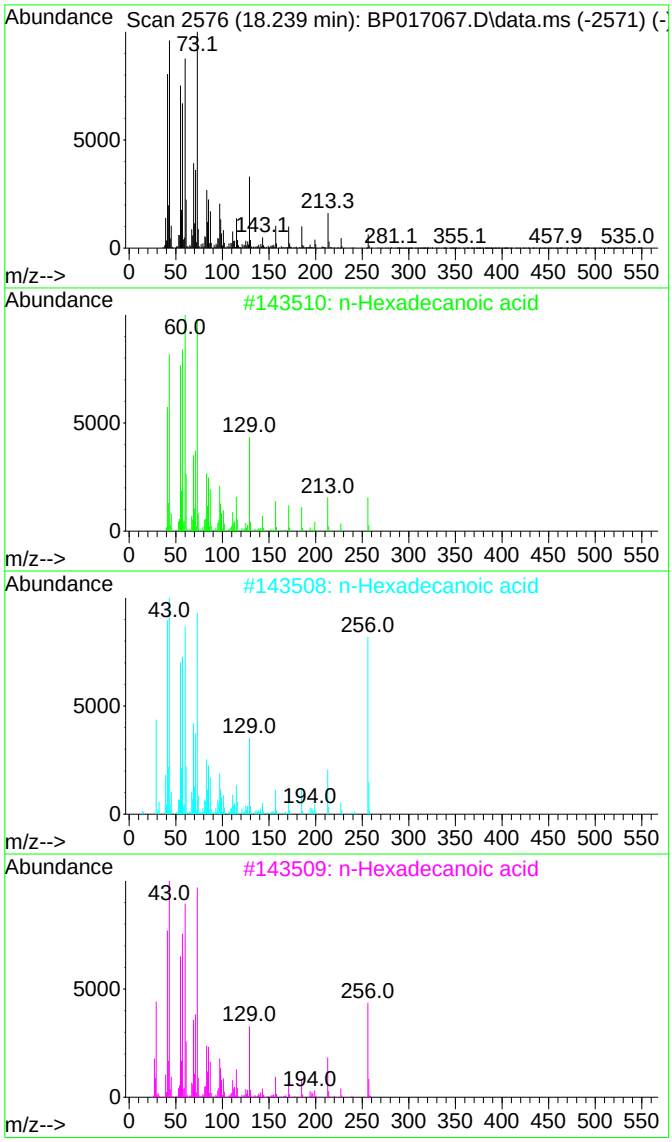
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
Quant Title : SVOA CALIBRATION

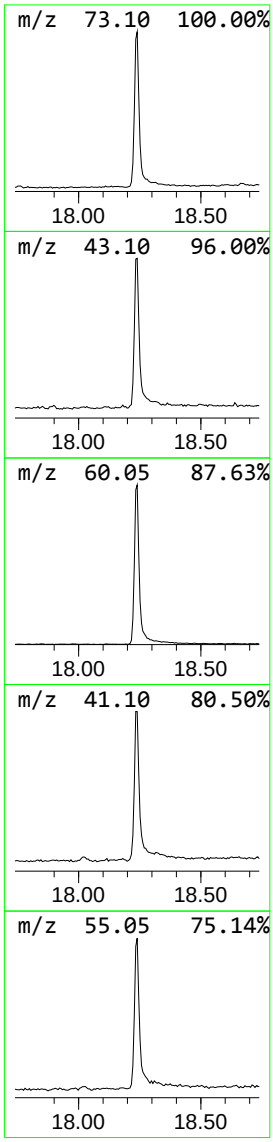
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	4.28 ng/ul	1454890	Phenanthrene-d10	17.392

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tridecanoic acid	214	C13H26O2	000638-53-9	95





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Sample : 04227-01
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBKE3

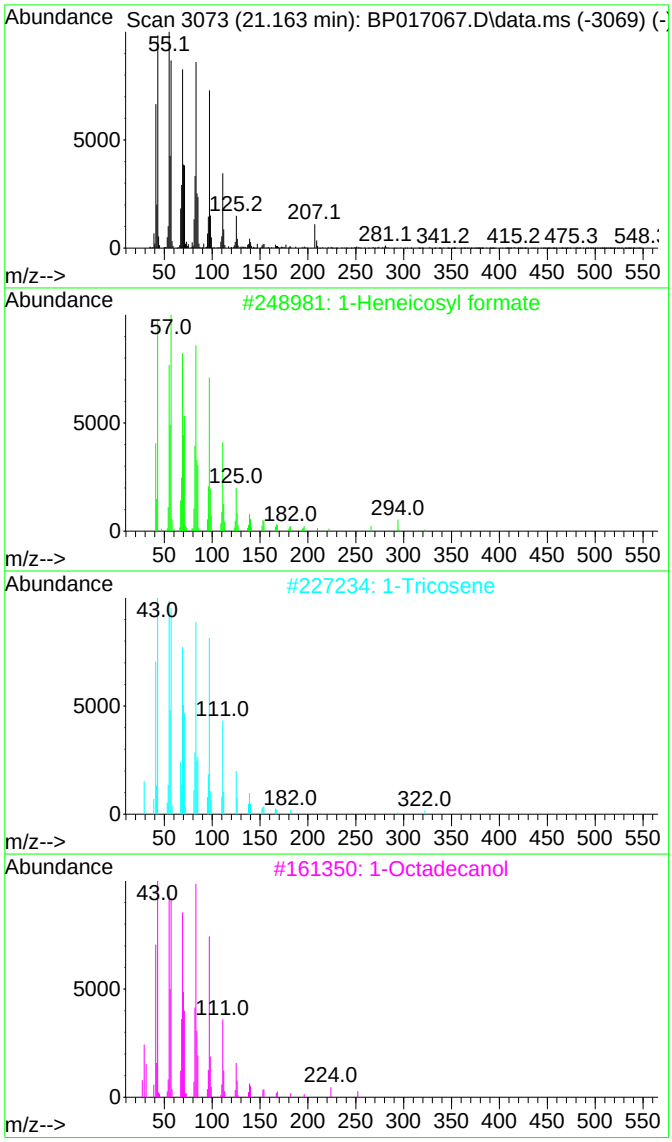
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
Quant Title : SVOA CALIBRATION

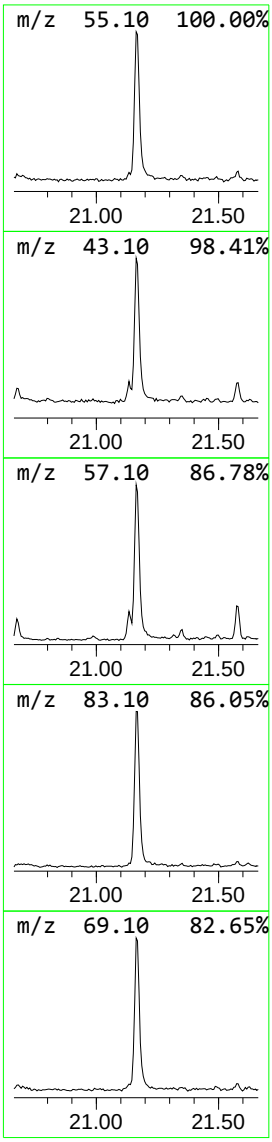
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.163	2.93 ng/ul	962254	Chrysene-d12	21.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	1-Tricosene	322	C23H46	018835-32-0	94
3	1-Octadecanol	270	C18H38O	000112-92-5	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





Tentatively Identified Compound (LSC) summary

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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
Tetrachloroethy...	4.593	712.1	ng/ul	105194000	1	7.969	2954240	20.0
Mesitylene	8.058	2.2	ng/ul	322128	1	7.969	2954240	20.0
Triethyl phosphate	9.481	4.4	ng/ul	979398	2	10.793	4476890	20.0
n-Hexadecanoic ...	18.239	4.3	ng/ul	1454890	4	17.392	6806070	20.0
1-Heneicosyl fo...	21.163	2.9	ng/ul	962254	5	21.486	6562530	20.0