LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016102.D
Acq On : 08 Jul 2023 20:58
Operator : MA/JU
Sample : 03332-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBTX6

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-BP062623.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016102.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.346	24	27	33	rVB	37664	54281	1.07%	0.107%
2	3.805	102	105	124	rBV	276330	659911	13.07%	1.303%
3	4.110	155	157	165	rVB4	12045	19279	0.38%	0.038%
4	4.540	228	230	233	rVB2	9693	9469	0.19%	0.019%
5	6.110	494	497	500	rBV5	3599	5505	0.11%	0.011%
6	7.246	682	690	705	rBV	233016	885113	17.53%	1.748%
7	7.363	705	710	719	rBV	215575	480849	9.52%	0.950%
8	7.575	740	746	774	rVB	338529	987319	19.55%	1.950%
9	8.028	816	823	846	rBV	343835	1207360	23.91%	2.384%
10	8.798	946	954	988	rBV2	271935	1313457	26.01%	2.594%
11	9.245	1023	1030	1062	rBV	281834	1022556	20.25%	2.019%
12	9.534	1074	1079	1088	rVB7	9532	19560	0.39%	0.039%
13	9.992	1147	1157	1185	rBV2	162953	873206	17.29%	1.725%
14	10.587	1251	1258	1276	rBV2	189645	934153	18.50%	1.845%
15	10.857	1297	1304	1326	rVB	620084	1856153	36.76%	3.666%
16	11.081	1335	1342	1374	rBV	206327	1100149	21.79%	2.173%
17	12.533	1583	1589	1590	rBV6	6149	8866	0.18%	0.018%
18	13.492	1749	1752	1758	rBV8	6864	12987	0.26%	0.026%
19	13.569	1760	1765	1775	rVB10	10181	24871	0.49%	0.049%
20	14.010	1837	1840	1847	rVB9	3316	5651	0.11%	0.011%
21	14.104	1847	1856	1877	rBV	901443	2369472	46.92%	4.680%
22	14.375	1895	1902	1928	rBV	1404440	2684895	53.17%	5.302%
23	14.557	1931	1933	1938	rVB6	12439	16483	0.33%	0.033%
24	14.680	1947	1954	1974	rBV	1482843	2693491	53.34%	5.319%
25	14.986	2003	2006	2013	rVB8	3155	5526	0.11%	0.011%
26	15.086	2015	2023	2024	rBV3	57780	112127	2.22%	0.221%
27	15.451	2081	2085	2089	rVB6	6526	9656	0.19%	0.019%
28	15.510	2091	2095	2101	rVB8	10614	18123	0.36%	0.036%
29	15.692	2119	2126	2146	rBV	1405048	3488453	69.08%	6.889%
30	15.916	2157	2164	2184	rBV6	98566	543241	10.76%	1.073%
31	16.069	2184	2190	2206	rVB	406054	809564	16.03%	1.599%
32	16.321	2229	2233	2238	rVB4	10456	13815	0.27%	0.027%
33	16.486	2258	2261	2265	rVB6	4510	6683	0.13%	0.013%
34	16.757	2304	2307	2310	rBV5	6351	6767	0.13%	0.013%
35	16.886	2324	2329	2332	rBV7	5294	10350	0.20%	0.020%
36	16.921	2333	2335	2339	rVB4	7239	7870	0.16%	0.016%

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Instrument :
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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

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Title : SVOA CALIBRATION

37	17.110	2363	2367	2371	rVV7	8710	17456	0.35%	0.034%
38	17.145	2371	2373	2378	rVB6	4406	5564	0.11%	0.011%
39	17.239	2386	2389	2393	rVB5	6789	9613	0.19%	0.019%
40	17.445	2417	2424	2436	rBV	1881422	3320226	65.75%	6.557%
41	17.557	2436	2443	2467	rVB2	1257242	3819062	75.63%	7.542%
42	18.298	2564	2569	2581	rBV	192107	472245	9.35%	0.933%
43	19.357	2746	2749	2752	rBV3	31072	40157	0.80%	0.079%
44	19.527	2774	2778	2790	rBV4	61717	156742	3.10%	0.310%
45	19.774	2814	2820	2845	rBV	2098895	5049647	100.00%	9.973%
46	20.239	2895	2899	2903	rBV2	72839	101937	2.02%	0.201%
47	20.721	2978	2981	2984	rBV	102480	112537	2.23%	0.222%
48	21.174	3055	3058	3061	rBV	130110	138937	2.75%	0.274%
49	21.227	3061	3067	3078	rVV2	375201	974872	19.31%	1.925%
50	21.551	3116	3122	3131	rBV	1583764	3646217	72.21%	7.201%
51	22.092	3211	3214	3219	rVB2	149901	189747	3.76%	0.375%
52	23.839	3507	3511	3515	rBV	261197	437064	8.66%	0.863%
53	23.903	3516	3522	3543	rVV2	1634371	4292023	85.00%	8.476%
54	24.080	3545	3552	3575	rVB	1087931	3573302	70.76%	7.057%

Sum of corrected areas: 50634559

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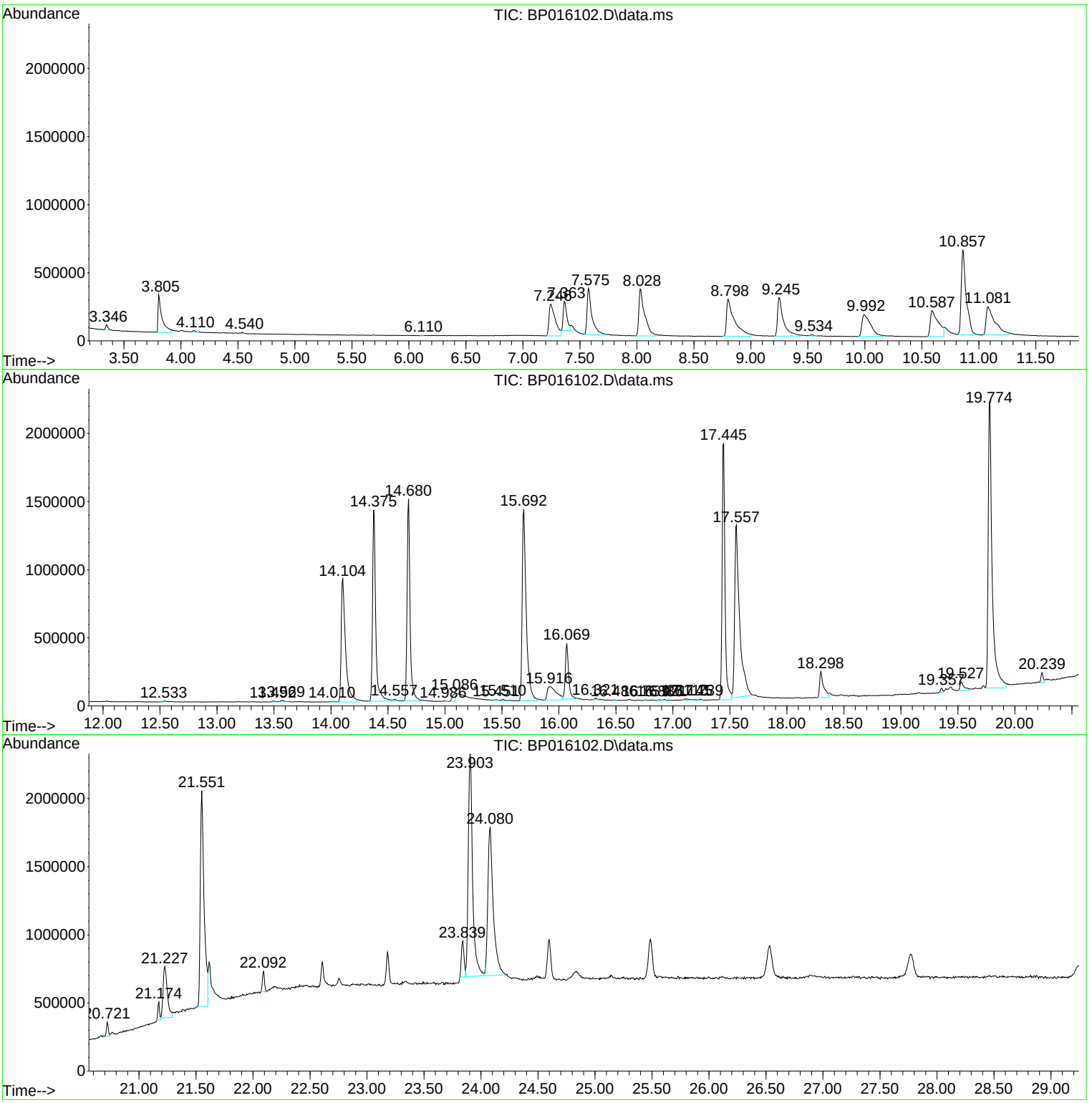
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

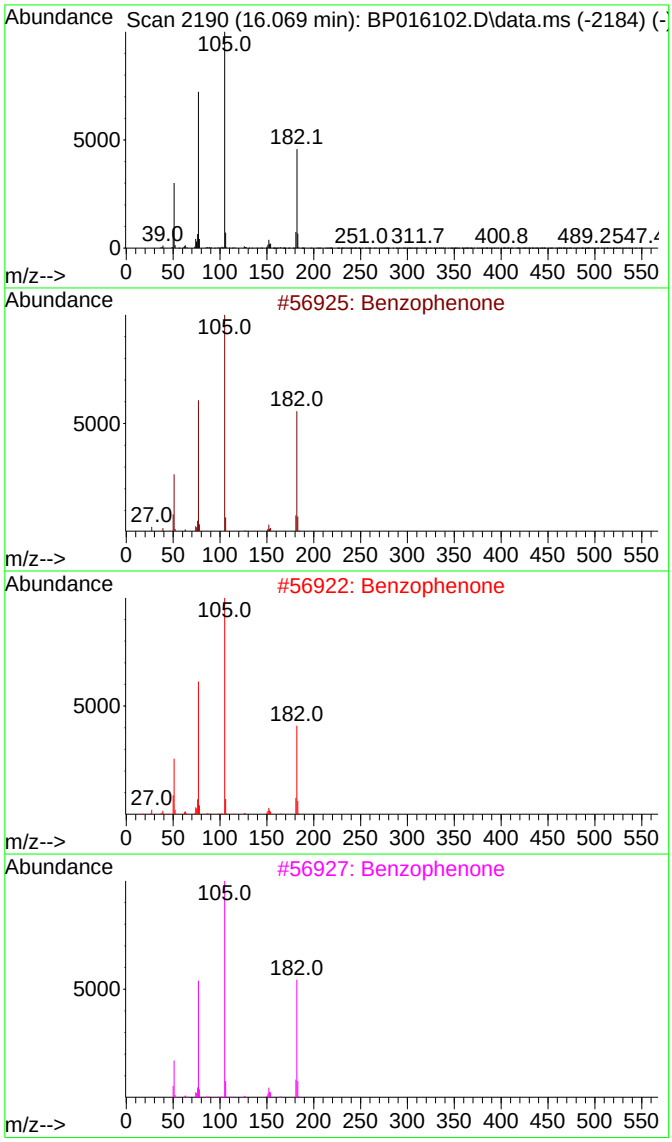
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

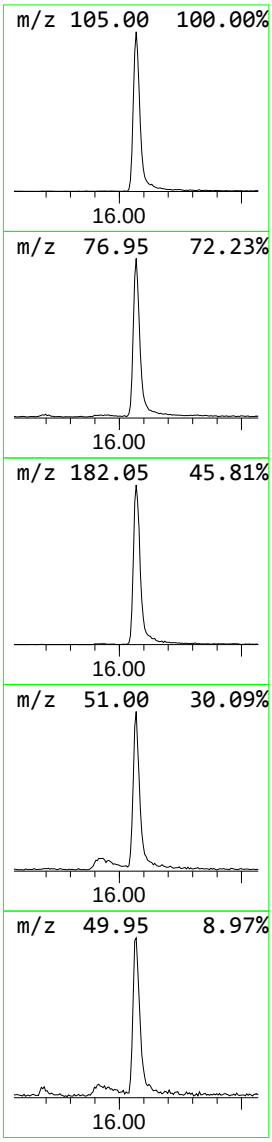
****

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.069	4.88 ng/ul	809564	Phenanthrene-d10	17.445

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	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	72





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Instrument :
BNA_P
ClientSampleId :
YBTX6

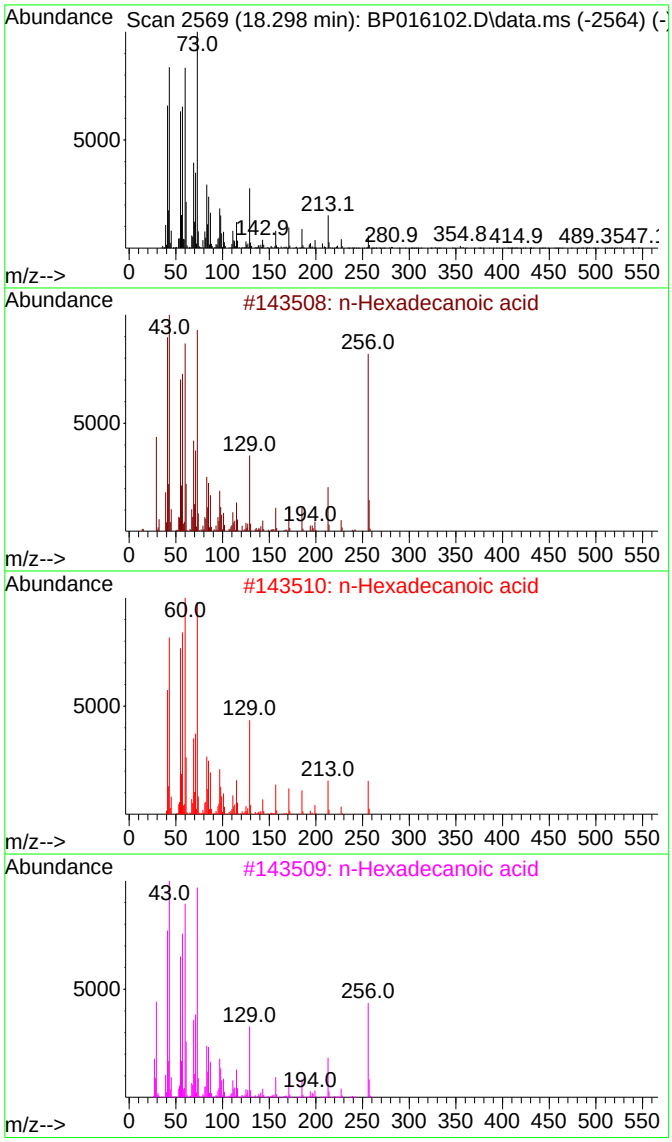
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

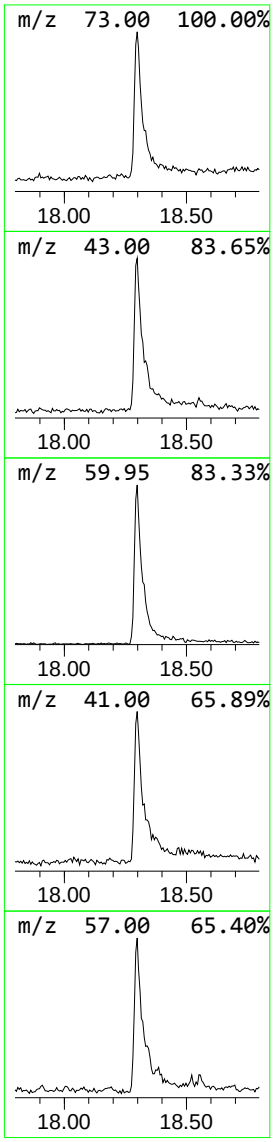
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	2.84 ng/ul	472245	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90





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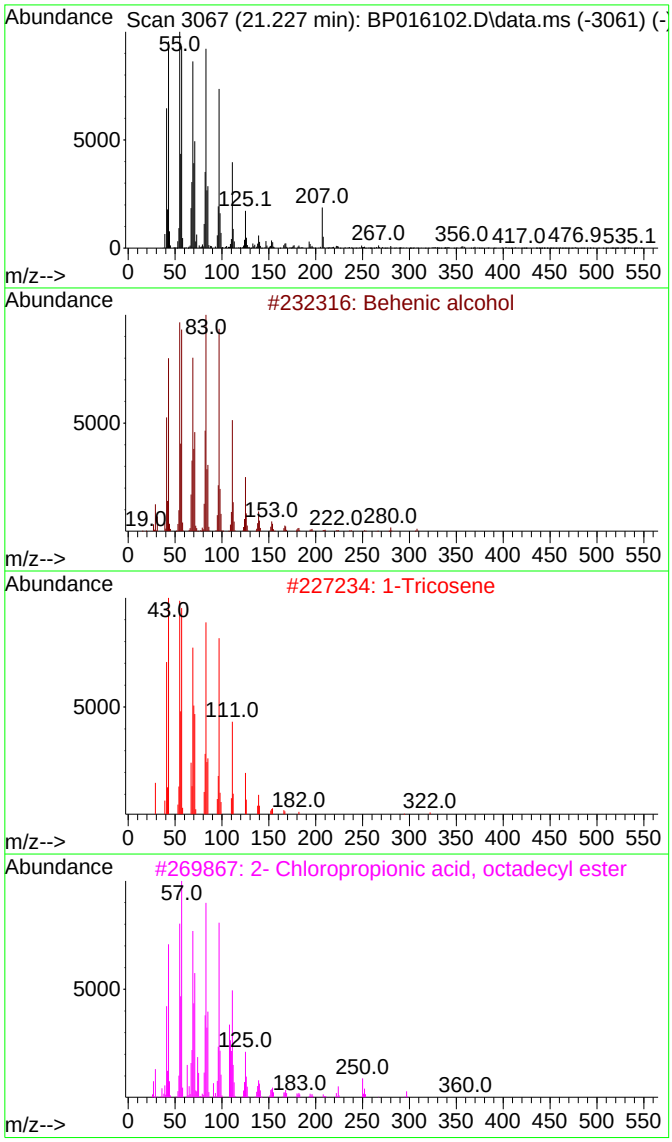
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

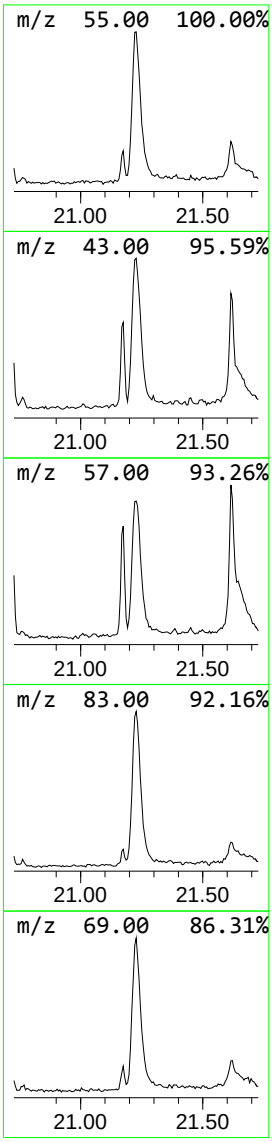
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.227	5.35 ng/ul	974872	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	1-Tricosene	322	C23H46	018835-32-0	91
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	1-Hexacosene	364	C26H52	018835-33-1	91





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Instrument :
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ClientSampleId :
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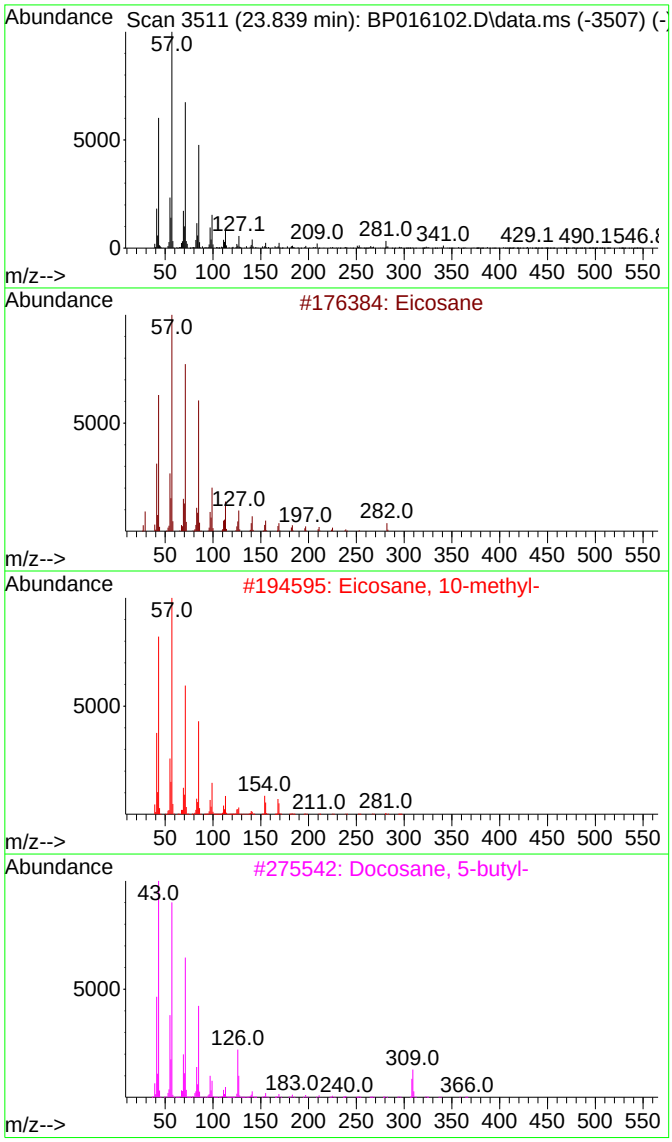
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

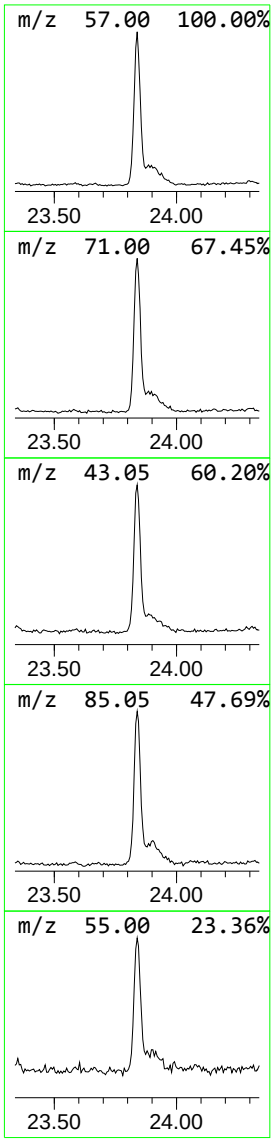
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.839	2.45 ng/ul	437064	Perylene-d12	24.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Docosane, 5-butyl-	366	C26H54	055282-16-1	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91





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
Benzophenone	16.069	4.9	ng/ul	809564	4	17.445	3320230	20.0
n-Hexadecanoic ...	18.298	2.8	ng/ul	472245	4	17.445	3320230	20.0
Behenic alcohol	21.227	5.3	ng/ul	974872	5	21.551	3646220	20.0
(DEL) Alkane: S...	23.839	2.5	ng/ul	437064	6	24.080	3573300	20.0