LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040723\
Data File : BP014618.D
Acq On : 07 Apr 2023 22:55
Operator : CG/JU
Sample : 02225-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA9

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: BP014618.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.364	27	30	35	rBV	27093	35456	0.99%	0.110%
2	4.011	136	140	146	rVB5	8232	12038	0.33%	0.037%
3	4.117	154	158	165	rBV3	9407	14171	0.39%	0.044%
4	4.499	222	223	229	rVB6	3208	4282	0.12%	0.013%
5	4.840	279	281	288	rVB7	3905	6514	0.18%	0.020%
6	5.034	311	314	315	rBV3	3734	3915	0.11%	0.012%
7	6.364	536	540	544	rBV7	2360	4339	0.12%	0.013%
8	7.158	669	675	685	rBV	63309	149888	4.17%	0.464%
9	7.305	694	700	719	rBV	428585	708898	19.72%	2.195%
10	7.511	728	735	758	rBV	369817	697000	19.39%	2.158%
11	7.975	808	814	826	rBV	454190	770930	21.45%	2.387%
12	8.705	930	938	951	rBV	234513	467352	13.00%	1.447%
13	9.158	1008	1015	1028	rBV	516341	923737	25.70%	2.860%
14	9.287	1031	1037	1052	rVV	69033	182372	5.07%	0.565%
15	9.522	1074	1077	1083	rVB3	11985	17904	0.50%	0.055%
16	9.881	1131	1138	1155	rBV	415682	780903	21.72%	2.418%
17	10.428	1223	1231	1255	rBV	390950	971569	27.03%	3.008%
18	10.799	1287	1294	1307	rBV	647271	1107451	30.81%	3.429%
19	10.975	1318	1324	1332	rBV3	32134	88903	2.47%	0.275%
20	11.799	1458	1464	1466	rBV6	2353	4034	0.11%	0.012%
21	12.016	1498	1501	1508	rVB7	4015	5290	0.15%	0.016%
22	12.204	1528	1533	1539	rBV8	6227	10518	0.29%	0.033%
23	12.404	1561	1567	1577	rVB4	7853	19080	0.53%	0.059%
24	12.540	1583	1590	1598	rBV6	10657	29042	0.81%	0.090%
25	12.628	1601	1605	1612	rVB4	5882	13370	0.37%	0.041%
26	13.234	1702	1708	1711	rBV8	2149	4144	0.12%	0.013%
27	13.434	1737	1742	1745	rBV3	7108	10848	0.30%	0.034%
28	13.610	1767	1772	1776	rVB7	2552	5440	0.15%	0.017%
29	14.040	1835	1845	1859	rBV	1231757	1775624	49.39%	5.498%
30	14.328	1887	1894	1911	rBV	1310893	2038766	56.71%	6.313%
31	14.440	1911	1913	1918	rVV6	4118	6368	0.18%	0.020%
32	14.504	1921	1924	1927	rVB4	4651	6747	0.19%	0.021%
33	14.634	1938	1946	1957	rBV	964078	1499640	41.72%	4.643%
34	14.704	1957	1958	1965	rVB7	4474	5012	0.14%	0.016%
35	14.940	1994	1998	1999	rBV3	9433	13218	0.37%	0.041%
36	15.387	2068	2074	2076	rBV5	5785	9714	0.27%	0.030%

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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-BP032823.M
Title : SVOA CALIBRATION

37	15.628	2109	2115	2131	rBV	1731305	2522448	70.17%	7.810%
38	15.763	2131	2138	2154	rVV	480046	871758	24.25%	2.699%
39	15.869	2154	2156	2165	rVB7	12233	21273	0.59%	0.066%
40	15.998	2172	2178	2188	rBV	96824	153167	4.26%	0.474%
41	16.210	2209	2214	2217	rBV7	3150	4916	0.14%	0.015%
42	16.422	2244	2250	2253	rBV8	4974	12536	0.35%	0.039%
43	16.569	2270	2275	2279	rVB8	5254	9005	0.25%	0.028%
44	17.081	2358	2362	2365	rVB5	4256	5480	0.15%	0.017%
45	17.128	2367	2370	2373	rBV5	2885	4117	0.11%	0.013%
46	17.392	2408	2415	2426	rBV	1219332	1748380	48.64%	5.414%
47	17.492	2426	2432	2456	rVV	1934134	2937193	81.71%	9.095%
48	17.675	2460	2463	2468	rVB5	5912	9314	0.26%	0.029%
49	18.263	2558	2563	2574	rBV2	109836	226384	6.30%	0.701%
50	19.304	2736	2740	2746	rBV3	26181	41924	1.17%	0.130%
51	19.369	2749	2751	2759	rVB2	22089	42630	1.19%	0.132%
52	19.498	2769	2773	2781	rBV8	43638	100113	2.78%	0.310%
53	19.722	2806	2811	2826	rBV	2495999	3365372	93.62%	10.420%
54	21.169	3053	3057	3066	rBV2	141304	264624	7.36%	0.819%
55	21.480	3105	3110	3121	rBV	1156338	1890694	52.59%	5.854%
56	23.822	3501	3508	3517	rVB2	1726003	3594865	100.00%	11.131%
57	23.986	3529	3536	3553	rVB2	901929	2065040	57.44%	6.394%

Sum of corrected areas: 32295710

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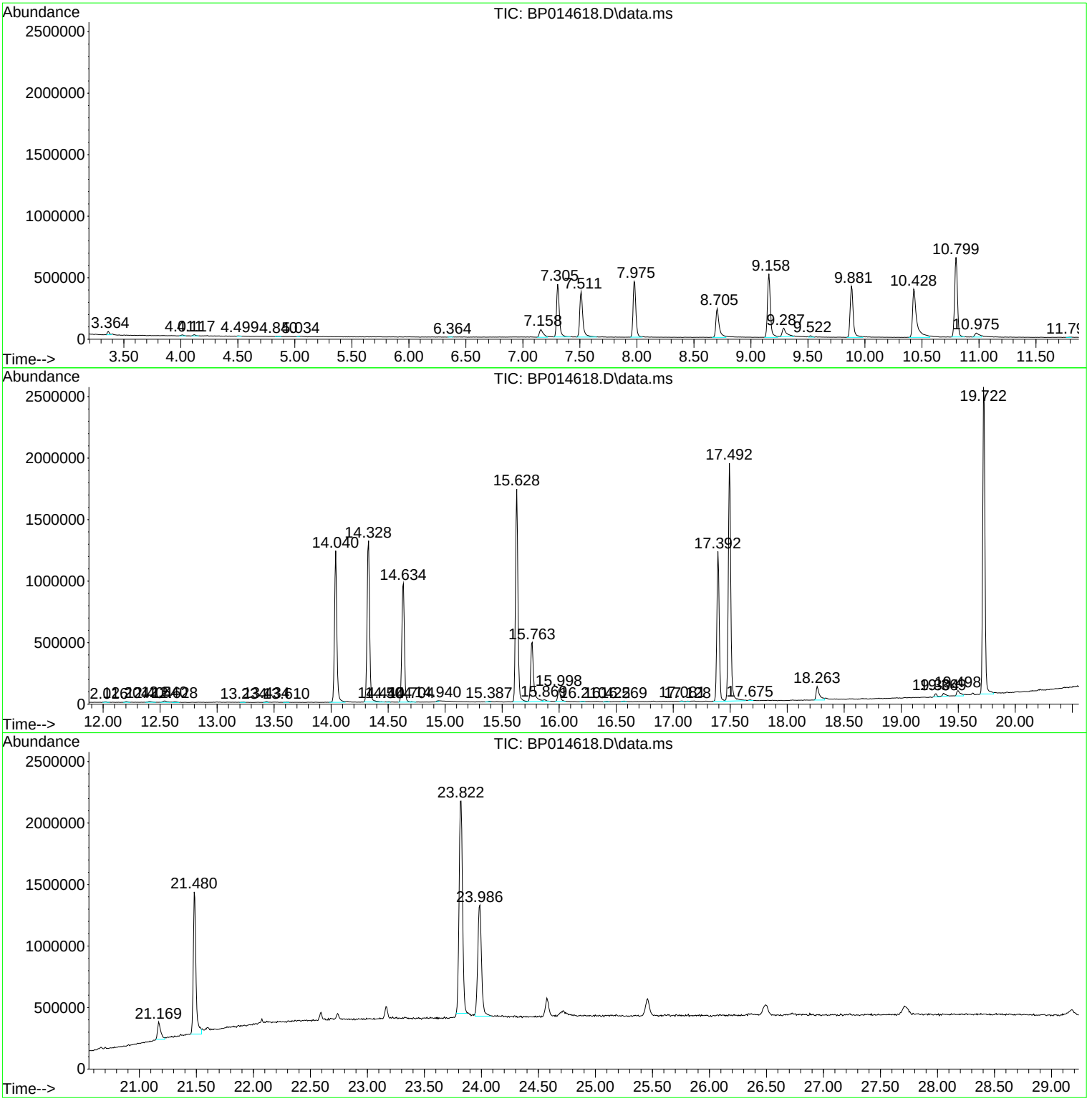
ClientSampleId :
C0AA9

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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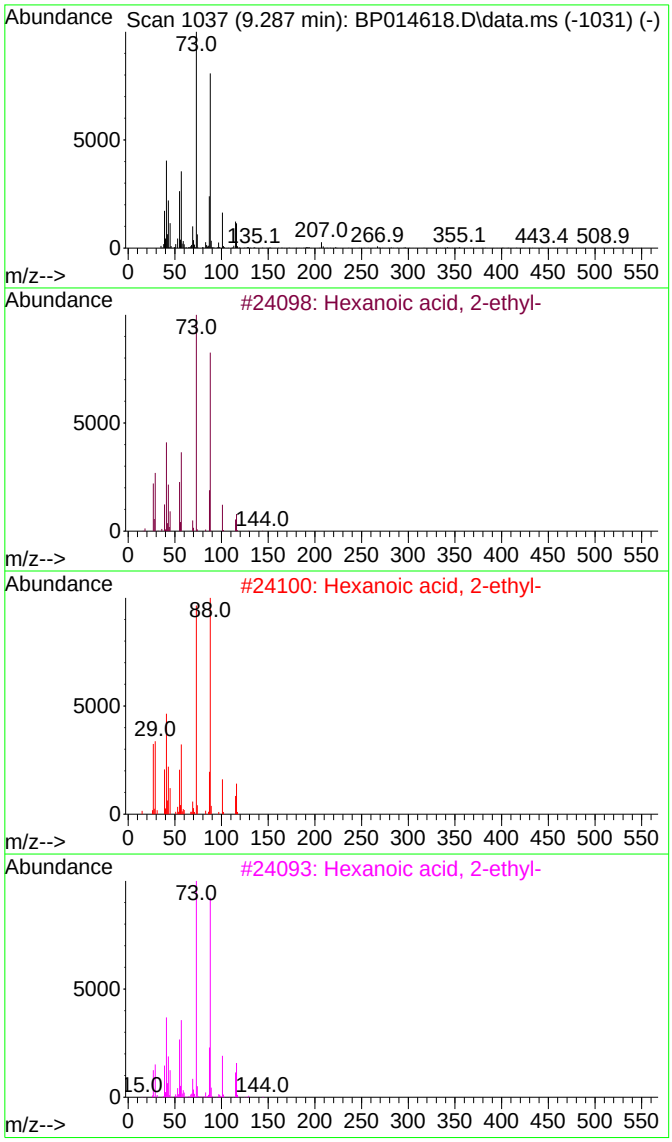
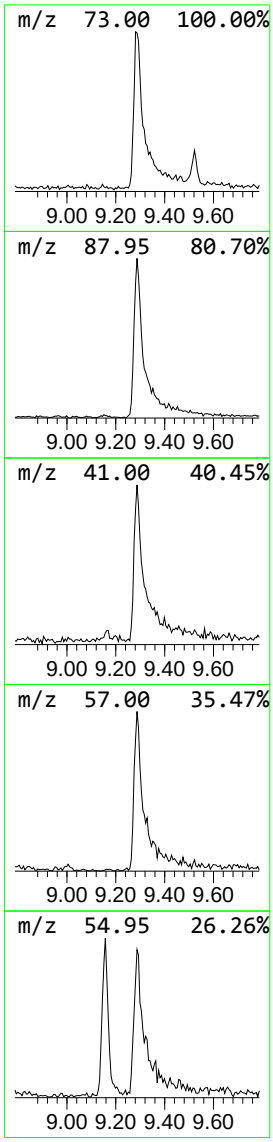
****
Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.287	4.73 ng/ul	182372	1,4-Dichlorobenzene-d4	7.981

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	59





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

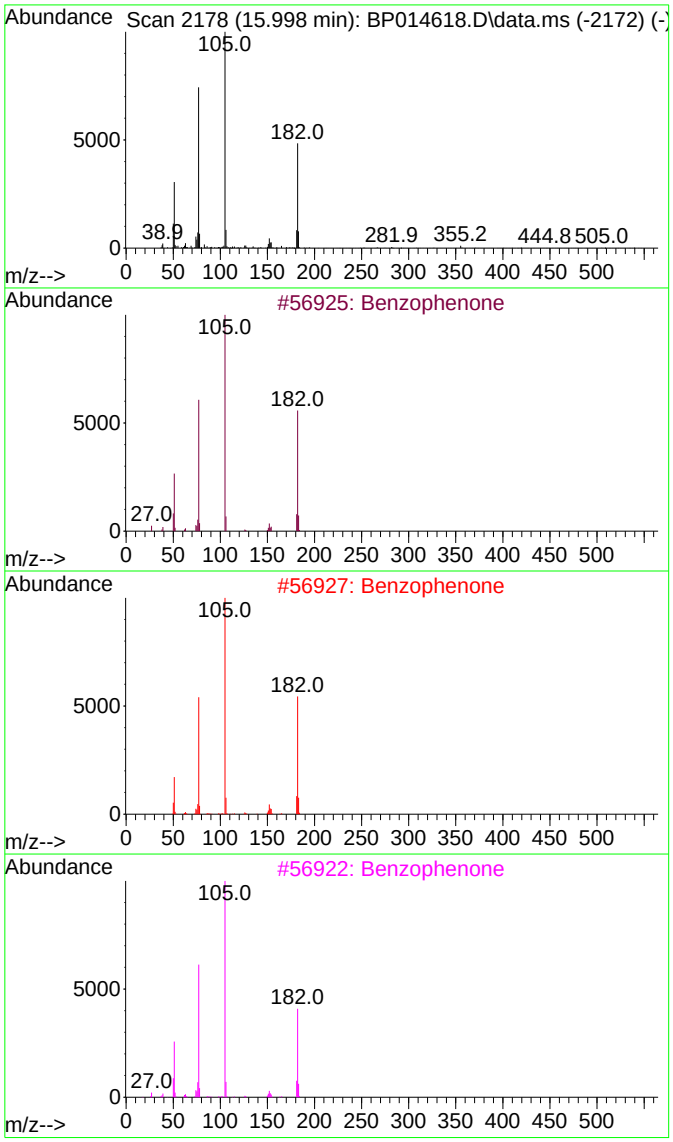
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

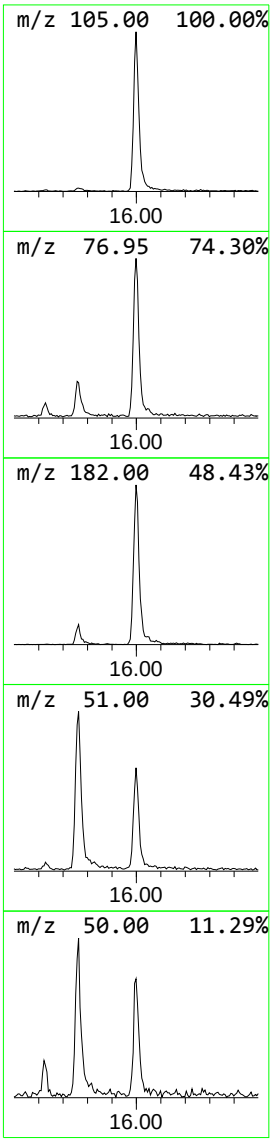
****

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.998	2.04 ng/ul	153167	Acenaphthene-d10	14.634

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	96
4	Benzophenone	182	C13H10O	000119-61-9	95
5	Benzophenone	182	C13H10O	000119-61-9	90





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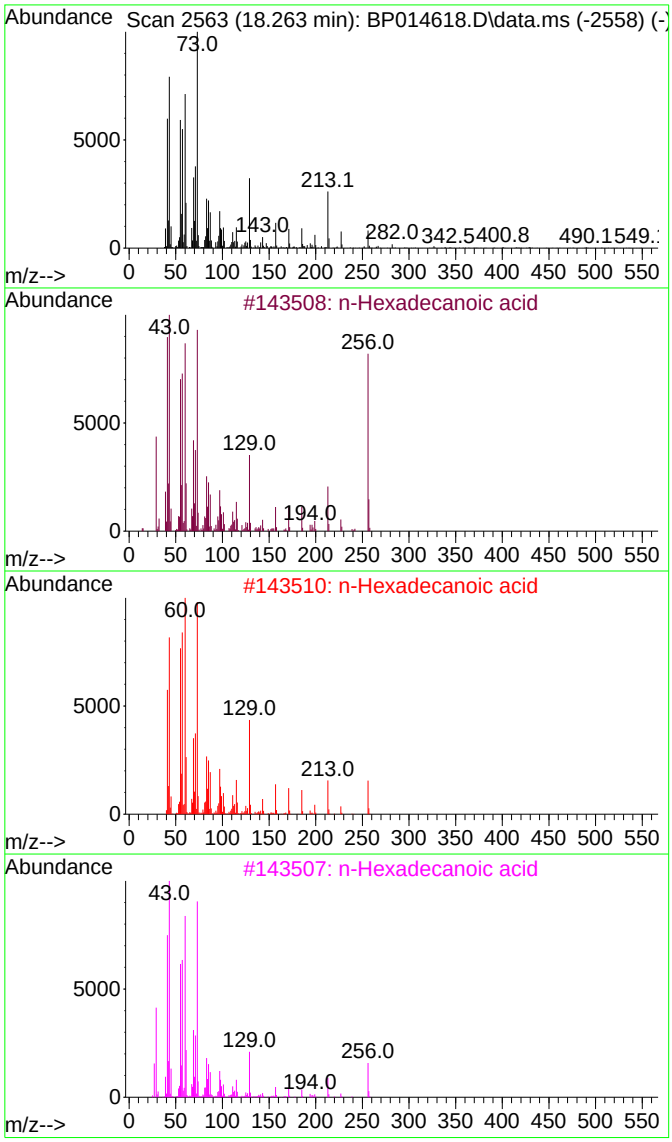
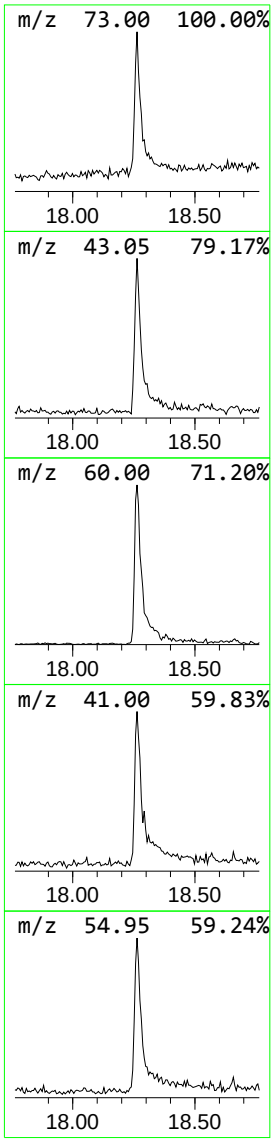
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	2.59 ng/ul	226384	Phenanthrene-d10	17.392

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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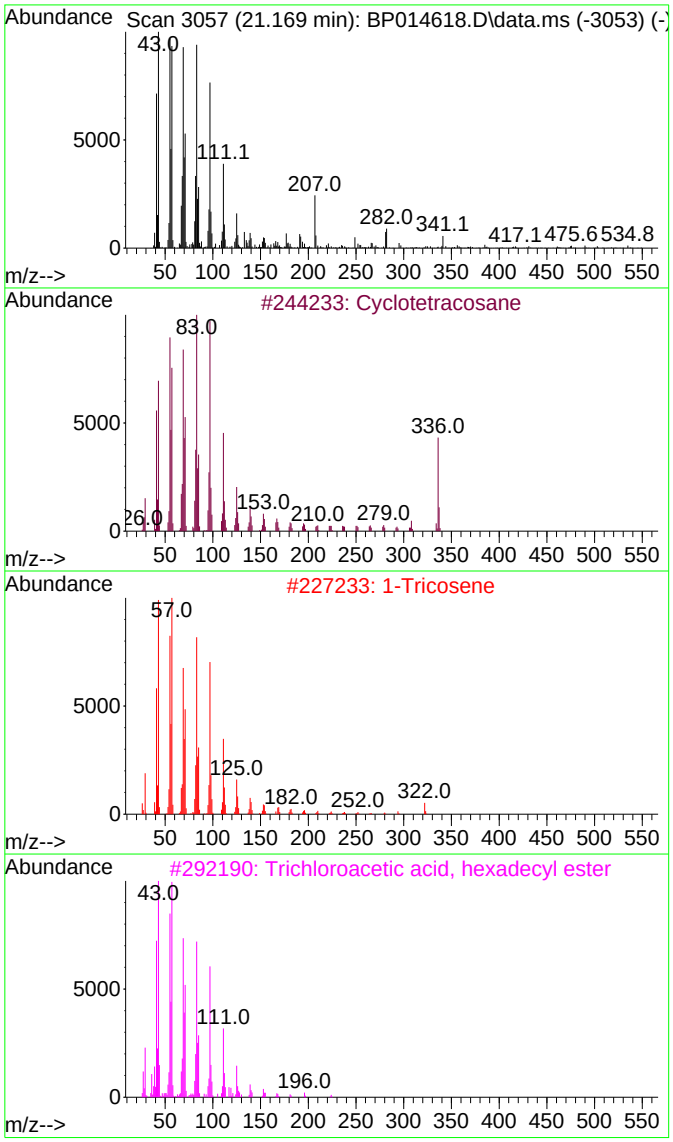
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

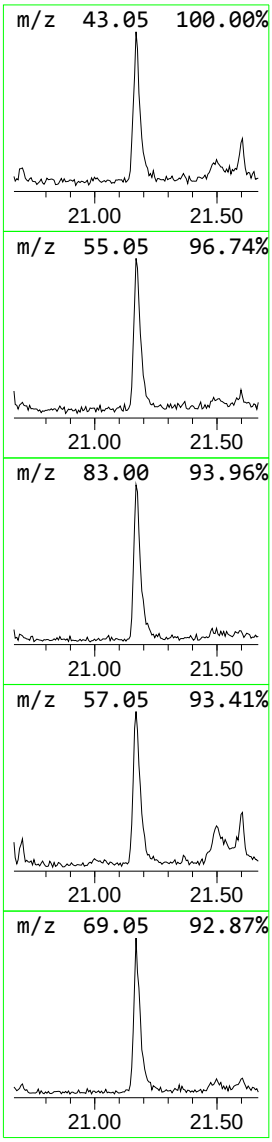
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic21.169 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.169	2.80 ng/ul	264624	Chrysene-d12	21.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	99
2	1-Tricosene	322	C23H46	018835-32-0	98
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	1-Tetracosene	336	C24H48	010192-32-2	94
5	1-Hexacosanol	382	C26H54O	000506-52-5	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
Hexanoic acid, ...	9.287	4.7	ng/ul	182372	1	7.981	770930	20.0
Benzophenone	15.998	2.0	ng/ul	153167	3	14.634	1499640	20.0
n-Hexadecanoic ...	18.263	2.6	ng/ul	226384	4	17.392	1748380	20.0
(DEL) Alkane: C...	21.169	2.8	ng/ul	264624	5	21.480	1890690	20.0