LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
Data File : BP013736.D
Acq On : 03 Feb 2023 12:35
Operator : CG/JU
Sample : 01316-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44J2

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-BP020123.M
Title : SVOA CALIBRATION

Signal : TIC: BP013736.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.475	45	49	58	rBV	40488	64740	0.51%	0.073%
2	3.911	120	123	145	rBV	211044	384086	3.01%	0.435%
3	4.146	158	163	168	rVB	19407	29716	0.23%	0.034%
4	4.246	176	180	186	rVB	11480	16969	0.13%	0.019%
5	5.199	336	342	351	rBV	28763	46793	0.37%	0.053%
6	7.275	687	695	707	rBV	207120	350166	2.74%	0.397%
7	7.446	717	724	738	rBV	804929	1327794	10.41%	1.505%
8	7.657	753	760	769	rBV	733535	1214873	9.52%	1.377%
9	8.128	832	840	849	rBV	691416	1156076	9.06%	1.311%
10	8.834	950	960	971	rBV	664910	1123284	8.80%	1.274%
11	9.304	1031	1040	1050	rBV	918571	1509573	11.83%	1.712%
12	9.704	1104	1108	1114	rVB3	13793	19623	0.15%	0.022%
13	9.763	1114	1118	1124	rVB5	8993	16162	0.13%	0.018%
14	10.034	1155	1164	1174	rBV	729215	1225698	9.61%	1.390%
15	10.569	1246	1255	1277	rBV	1247903	2193520	17.19%	2.487%
16	10.957	1312	1321	1331	rBV	1092628	1872428	14.68%	2.123%
17	11.093	1336	1344	1355	rBV	1135312	1980767	15.53%	2.246%
18	12.534	1584	1589	1597	rVB2	24378	39408	0.31%	0.045%
19	13.581	1761	1767	1771	rBV3	13031	20431	0.16%	0.023%
20	13.975	1827	1834	1839	rBV3	15839	25645	0.20%	0.029%
21	14.169	1860	1867	1882	rBV	3343561	4533591	35.54%	5.140%
22	14.287	1882	1887	1892	rVB9	9011	16501	0.13%	0.019%
23	14.463	1910	1917	1927	rBV2	3416220	5074587	39.78%	5.754%
24	14.710	1953	1959	1962	rBV2	11666	24147	0.19%	0.027%
25	14.769	1962	1969	1980	rVB	2057032	3059054	23.98%	3.468%
26	14.951	1993	2000	2013	rBV	146566	306714	2.40%	0.348%
27	15.163	2025	2036	2043	rVB	16763	41993	0.33%	0.048%
28	15.757	2130	2137	2150	rBV	5038738	7269991	56.99%	8.243%
29	15.869	2150	2156	2171	rVV	1303272	1739094	13.63%	1.972%
30	16.004	2174	2179	2186	rVB	25286	42723	0.33%	0.048%
31	16.122	2193	2199	2213	rVB	219985	318772	2.50%	0.361%
32	16.463	2250	2257	2262	rBV10	10198	18714	0.15%	0.021%
33	17.204	2378	2383	2387	rVB7	8659	15493	0.12%	0.018%
34	17.263	2389	2393	2396	rVV3	12238	14320	0.11%	0.016%
35	17.522	2430	2437	2447	rBV	2942000	4173354	32.71%	4.732%
36	17.622	2447	2454	2464	rVV2	6345612	9074834	71.13%	10.289%

LSC Area Percent Report

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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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Title : SVOA CALIBRATION

37	17.692	2464	2466	2471	rVB2	27843	38853	0.30%	0.044%
38	18.157	2541	2545	2550	rVB2	50759	69432	0.54%	0.079%
39	18.375	2577	2582	2592	rBV	568718	847082	6.64%	0.960%
40	19.239	2726	2729	2732	rBV	51289	55034	0.43%	0.062%
41	19.416	2755	2759	2763	rBV	101532	137694	1.08%	0.156%
42	19.480	2767	2770	2779	rVB	93312	148385	1.16%	0.168%
43	19.598	2786	2790	2798	rBV	479275	696497	5.46%	0.790%
44	19.839	2825	2831	2845	rBV	9227721	11949928	93.67%	13.549%
45	21.269	3071	3074	3085	rBV	314038	553518	4.34%	0.628%
46	21.598	3125	3130	3140	rBV	3820018	5208181	40.82%	5.905%
47	24.010	3532	3540	3558	rVB2	6064991	12757626	100.00%	14.465%
48	24.174	3561	3568	3583	rVB2	2494537	5393885	42.28%	6.116%

Sum of corrected areas: 88197749

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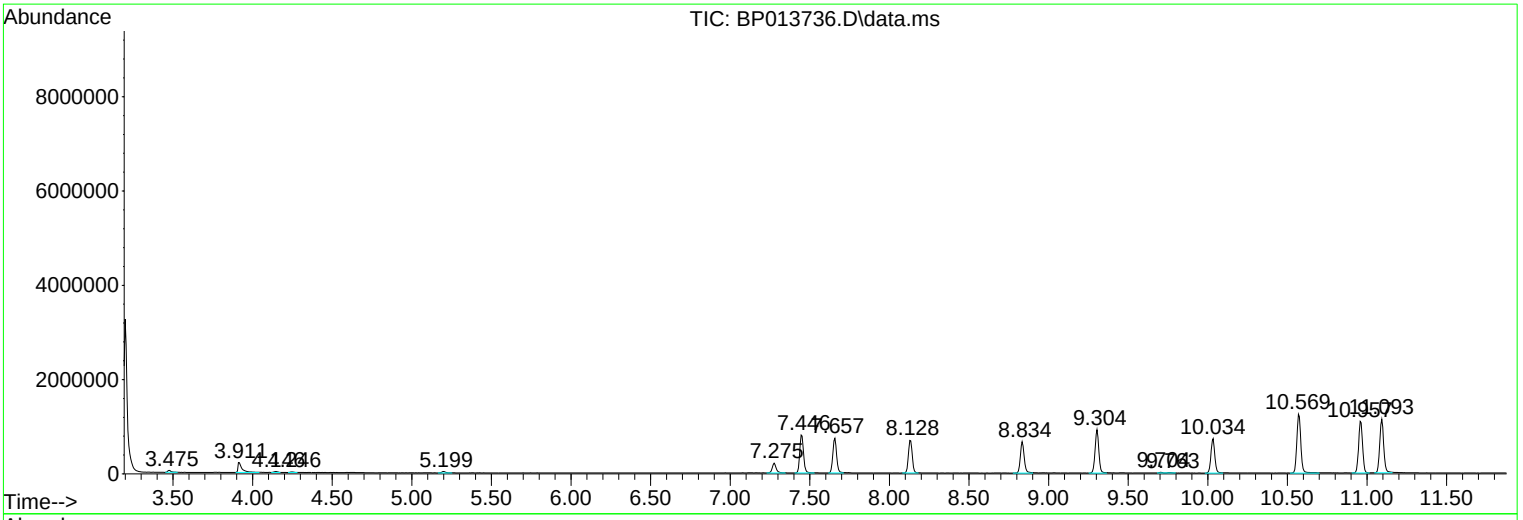
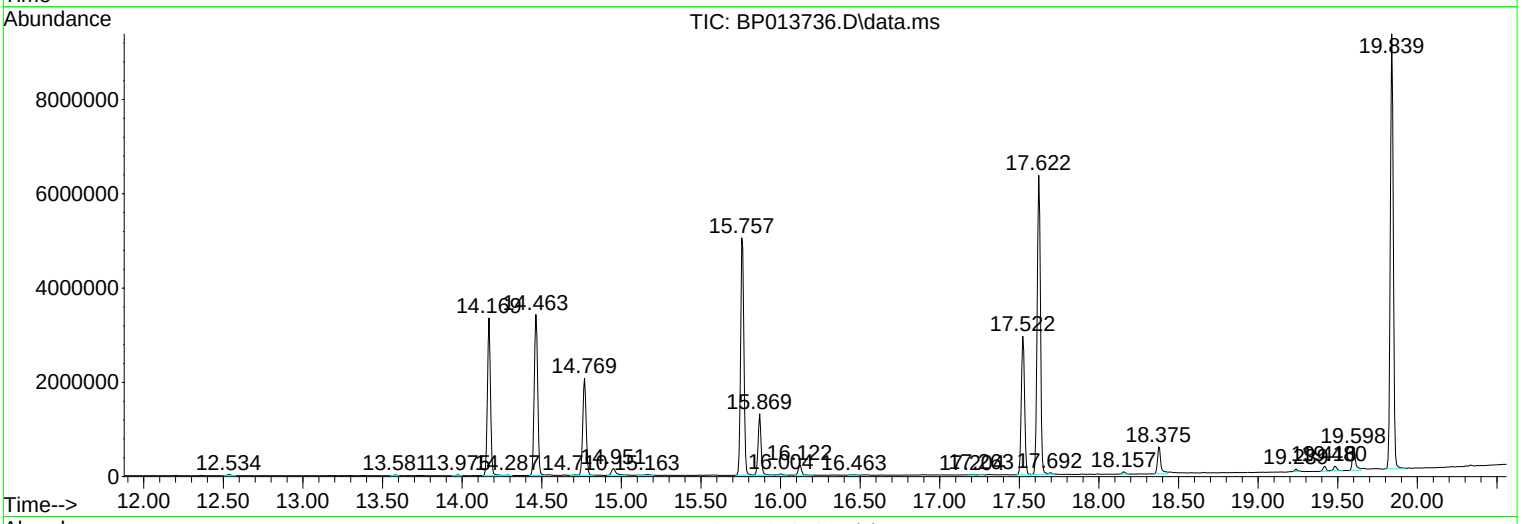
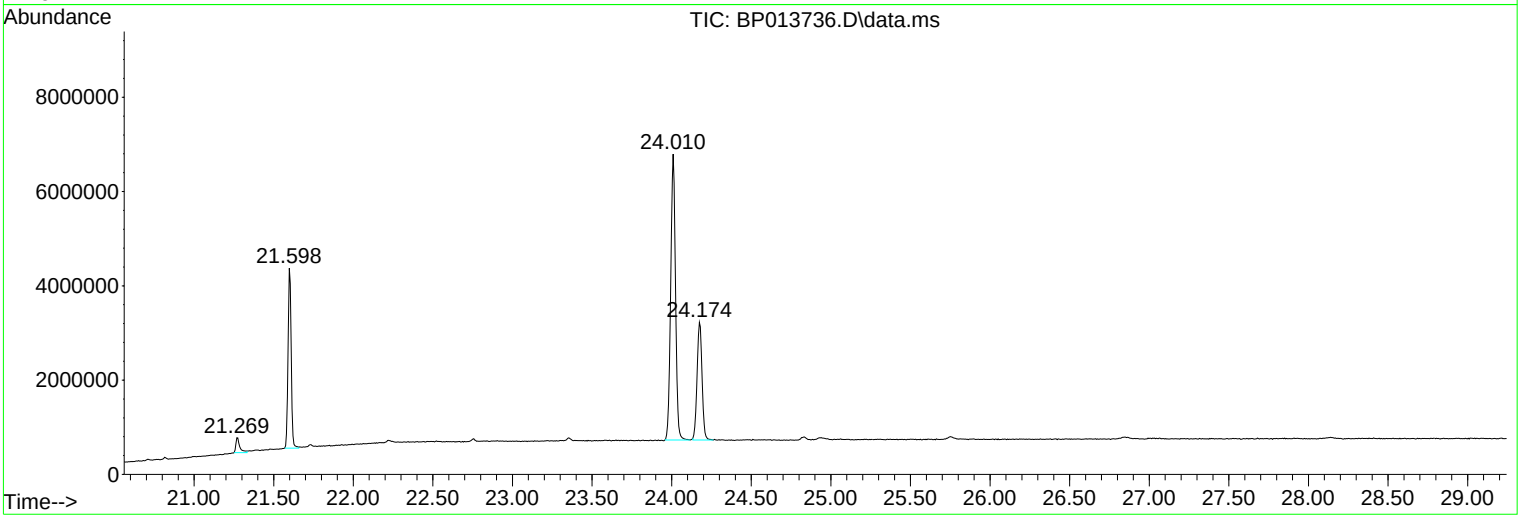
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

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







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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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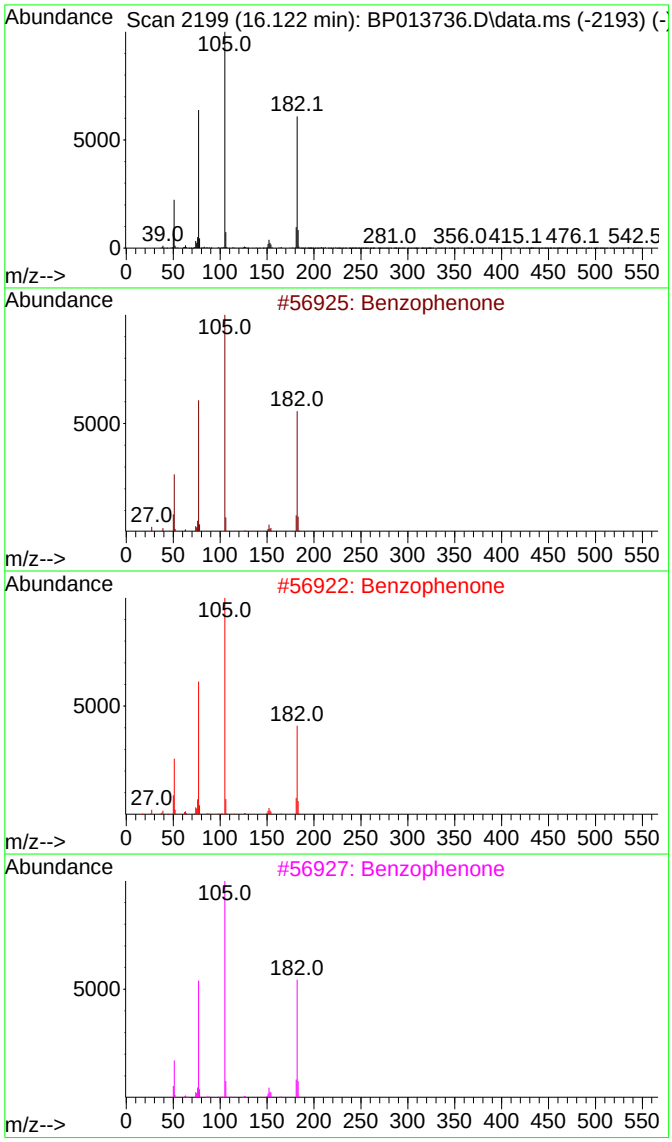
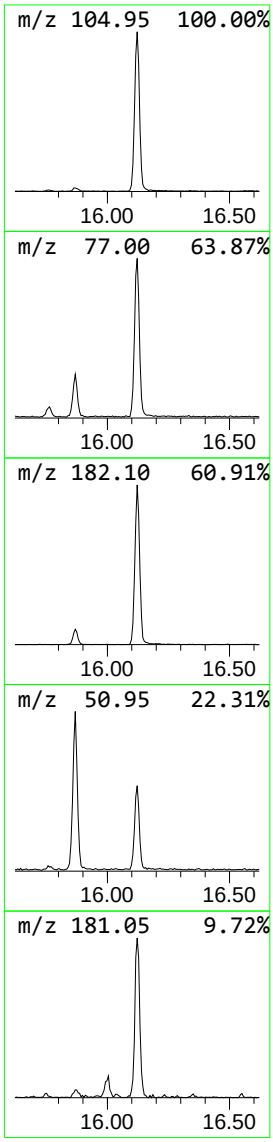
Peak Number 1 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.122	2.08 ng/ul	318772	Acenaphthene-d10	14.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	93
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	72





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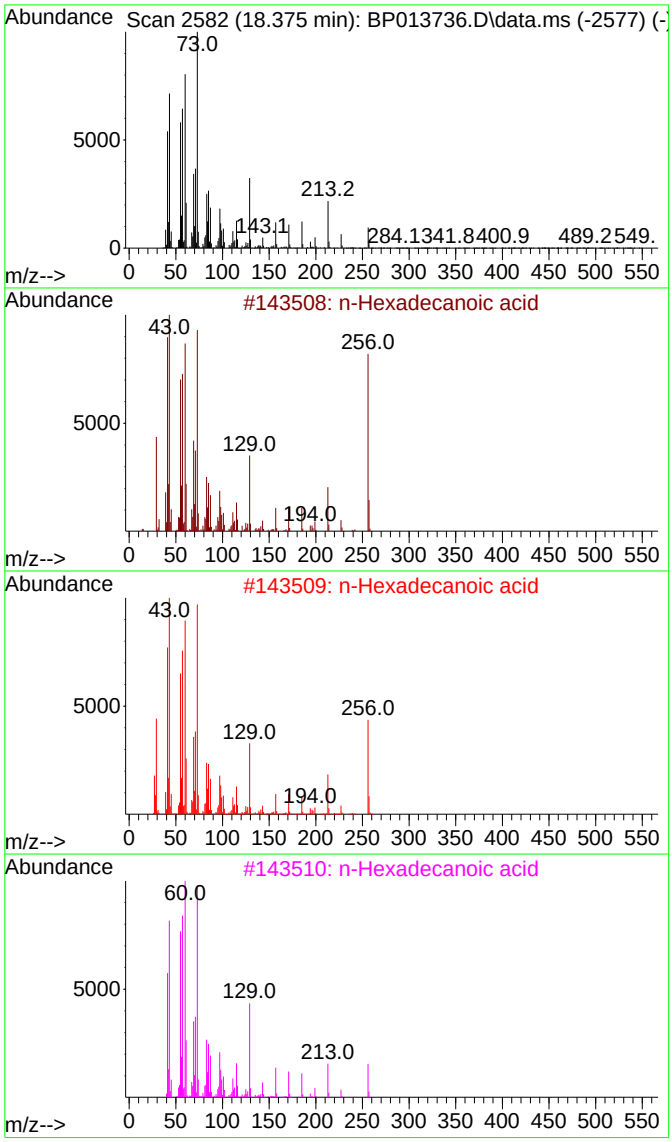
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

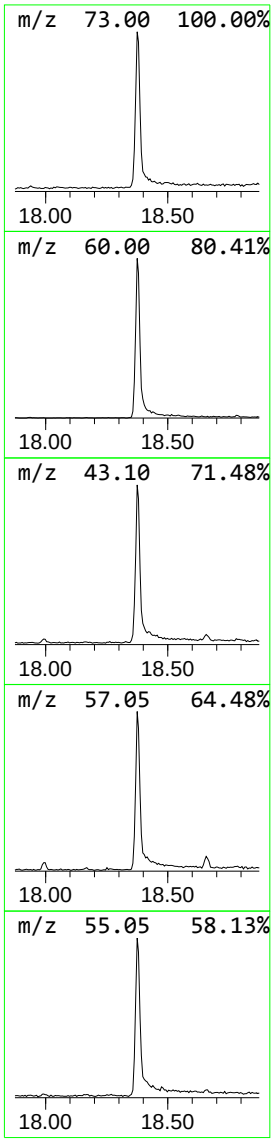
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.375	4.06 ng/ul	847082	Phenanthrene-d10	17.522

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	97
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

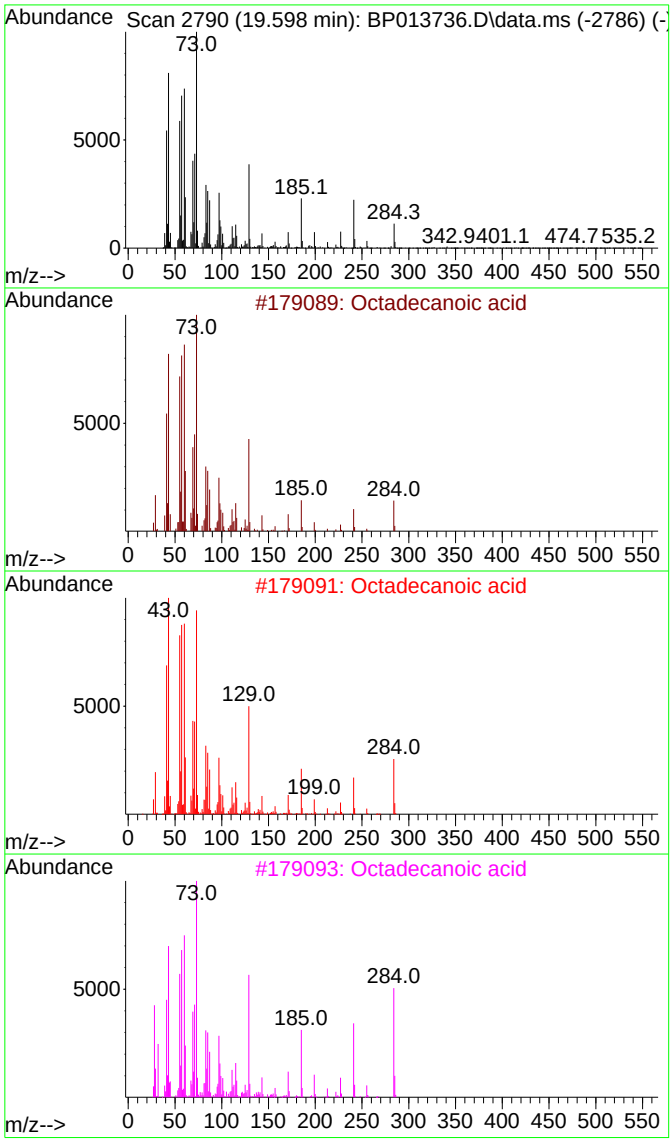
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

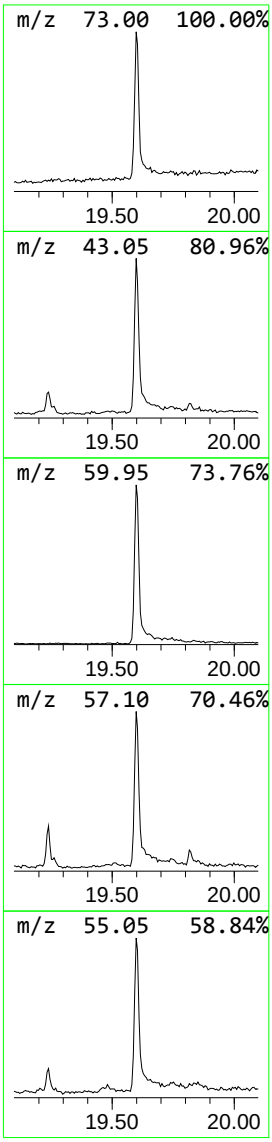
****

Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.598	2.67 ng/ul	696497	Chrysene-d12	21.598

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	98
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





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Instrument :
BNA_P
ClientSampleId :
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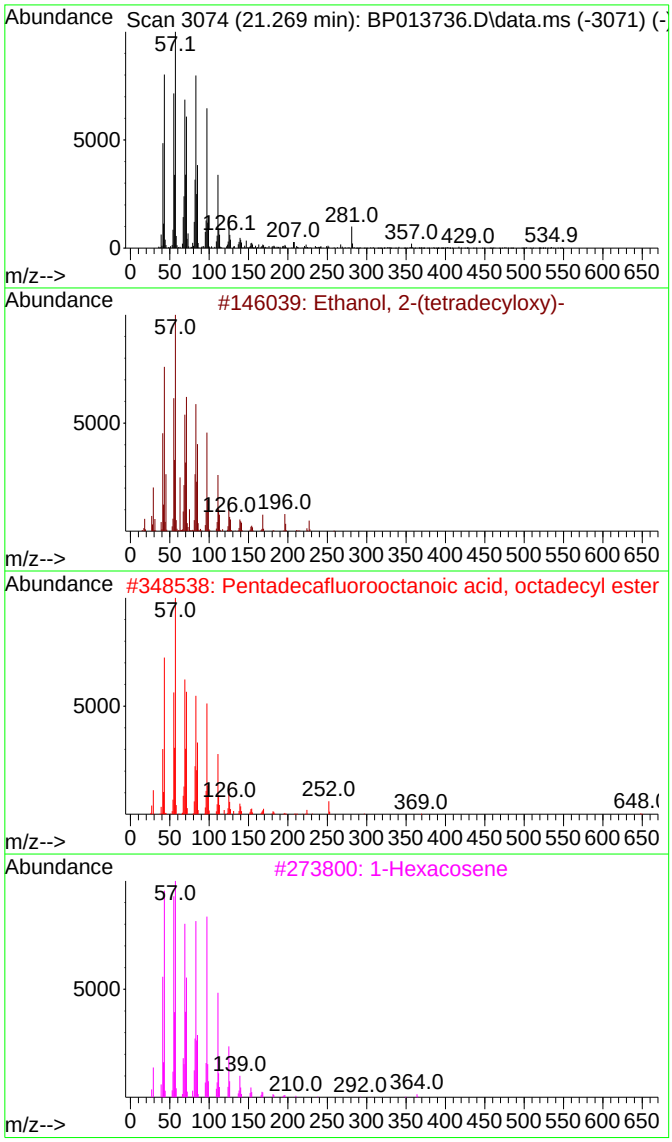
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

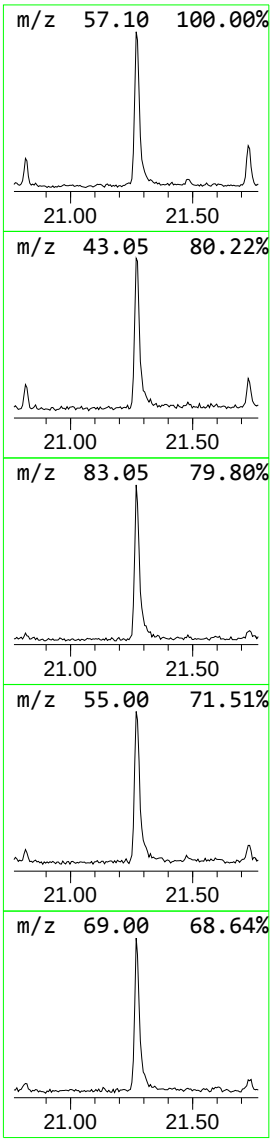
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Ethanol, 2-(tetradecyloxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.269	2.13 ng/ul	553518	Chrysene-d12	21.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	92
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	90
3	1-Hexacosene	364	C26H52	018835-33-1	87
4	Octacosanol	410	C28H58O	000557-61-9	83
5	1-Hexacosanol	382	C26H54O	000506-52-5	83





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	16.122	2.1	ng/ul	318772	3	14.769	3059050	20.0
n-Hexadecanoic ...	18.375	4.1	ng/ul	847082	4	17.522	4173350	20.0
Octadecanoic acid	19.598	2.7	ng/ul	696497	5	21.598	5208180	20.0
Ethanol, 2-(tet...	21.269	2.1	ng/ul	553518	5	21.598	5208180	20.0