LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
Data File : BP022420.D
Acq On : 16 Oct 2024 19:11
Operator : RC/JU
Sample : P4284-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4EQ4

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-BP100724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP022420.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.205	33	37	44	rVB	14743	21089	0.97%	0.093%
2	3.617	103	107	120	rBV	138495	220980	10.13%	0.971%
3	3.828	138	143	146	rBV6	1233	2427	0.11%	0.011%
4	3.934	157	161	166	rBV	5691	8035	0.37%	0.035%
5	4.840	309	315	319	rBV6	3192	6980	0.32%	0.031%
6	5.958	502	505	511	rVB8	2288	3520	0.16%	0.015%
7	6.705	628	632	639	rBV7	2180	4511	0.21%	0.020%
8	6.858	648	658	668	rBV	212330	366494	16.79%	1.611%
9	7.011	677	684	692	rBV	160309	259063	11.87%	1.139%
10	7.210	711	718	727	rBV	216789	348432	15.97%	1.532%
11	7.669	786	796	804	rBV	386395	627729	28.77%	2.760%
12	7.740	804	808	814	rVB8	4034	9155	0.42%	0.040%
13	8.369	908	915	930	rBV	265225	455703	20.88%	2.003%
14	8.805	981	989	1001	rBV	205506	353362	16.19%	1.553%
15	8.963	1013	1016	1021	rVB6	2948	4531	0.21%	0.020%
16	9.216	1052	1059	1067	rVB2	9902	16645	0.76%	0.073%
17	9.363	1077	1084	1093	rBV	32430	53397	2.45%	0.235%
18	9.522	1100	1111	1126	rBV	169720	314993	14.43%	1.385%
19	9.934	1176	1181	1187	rBV8	2593	5512	0.25%	0.024%
20	10.057	1194	1202	1219	rBV	277391	500957	22.96%	2.202%
21	10.422	1255	1264	1278	rBV	502068	852958	39.09%	3.750%
22	10.569	1280	1289	1301	rBV	243314	447555	20.51%	1.968%
23	10.969	1352	1357	1364	rBV5	9133	18154	0.83%	0.080%
24	11.234	1397	1402	1406	rBV7	1889	3001	0.14%	0.013%
25	11.693	1475	1480	1484	rVB5	4841	8521	0.39%	0.037%
26	11.846	1499	1506	1508	rBV6	1396	2401	0.11%	0.011%
27	12.016	1530	1535	1540	rBV5	5061	8768	0.40%	0.039%
28	13.093	1712	1718	1725	rVB7	3640	6255	0.29%	0.027%
29	13.687	1812	1819	1830	rBV	699828	872354	39.98%	3.835%
30	13.975	1859	1868	1880	rBV	628597	943365	43.23%	4.147%
31	14.192	1903	1905	1911	rVB6	2324	3173	0.15%	0.014%
32	14.281	1911	1920	1930	rBV	758031	1304360	59.77%	5.734%
33	14.516	1952	1960	1976	rBV	151604	371198	17.01%	1.632%
34	14.710	1989	1993	2000	rVB9	7326	14758	0.68%	0.065%
35	14.875	2009	2021	2033	rBV3	18564	79259	3.63%	0.348%
36	15.298	2086	2093	2100	rBV	894145	1290373	59.13%	5.673%

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Sample : P4284-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EQ4

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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Title : SVOA CALIBRATION

37	15.416	2108	2113	2127	rBV	238251	336565	15.42%	1.480%
38	15.534	2131	2133	2138	rVB5	3855	4837	0.22%	0.021%
39	15.669	2151	2156	2167	rVB	276892	342059	15.67%	1.504%
40	16.251	2251	2255	2260	rVB2	18240	29326	1.34%	0.129%
41	16.486	2292	2295	2299	rVB6	3378	3789	0.17%	0.017%
42	16.575	2308	2310	2312	rBV3	2986	2572	0.12%	0.011%
43	16.857	2354	2358	2359	rBV4	3480	4707	0.22%	0.021%
44	17.081	2391	2396	2402	rBV	1319991	1726401	79.11%	7.590%
45	17.181	2406	2413	2425	rVB2	895163	1467868	67.27%	6.453%
46	17.304	2428	2434	2438	rBV6	15667	23630	1.08%	0.104%
47	18.028	2552	2557	2568	rBV	285439	400122	18.34%	1.759%
48	19.192	2752	2755	2758	rBV3	18634	29403	1.35%	0.129%
49	19.351	2778	2782	2793	rBV2	82359	114764	5.26%	0.505%
50	19.569	2813	2819	2828	rBV	1475467	1883891	86.33%	8.282%
51	19.633	2828	2830	2834	rVV5	13101	16802	0.77%	0.074%
52	21.186	3090	3094	3104	rVB2	143767	258844	11.86%	1.138%
53	21.516	3143	3150	3156	rBV	1236840	2056163	94.22%	9.039%
54	24.545	3657	3665	3680	rVB	756843	2053266	94.09%	9.026%
55	24.774	3696	3704	3716	rVB	780505	2182199	100.00%	9.593%

Sum of corrected areas: 22747176

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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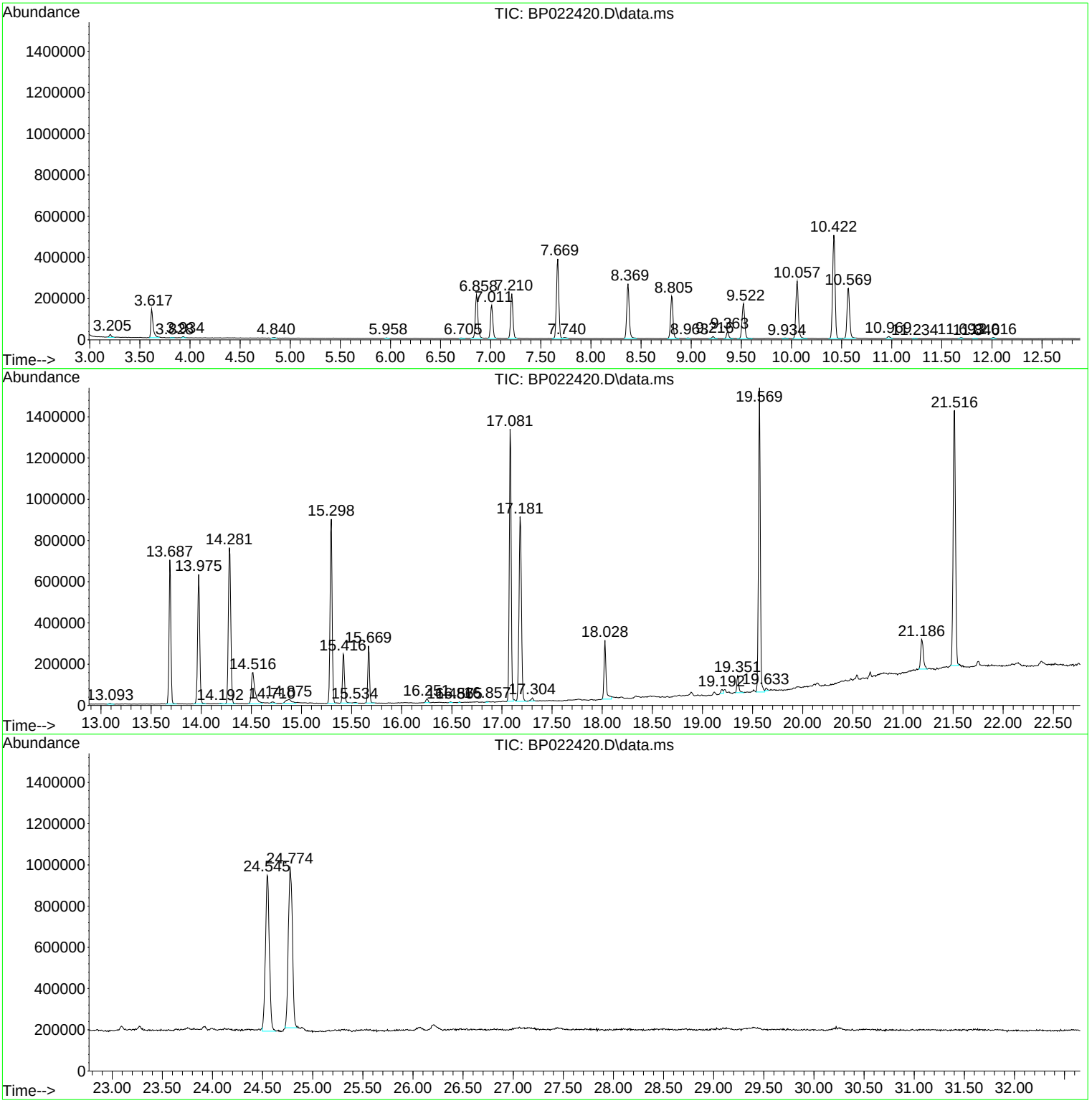
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

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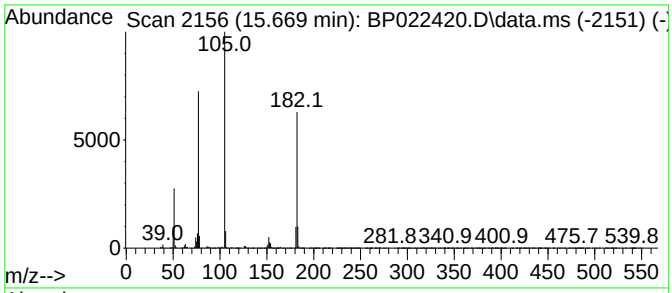
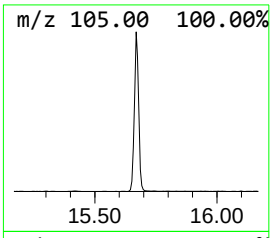
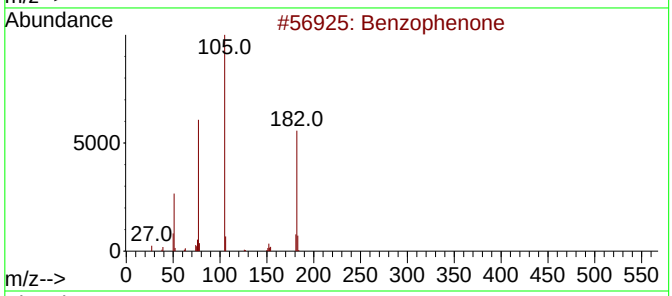
Peak Number 1 Benzophenone Concentration Rank 1

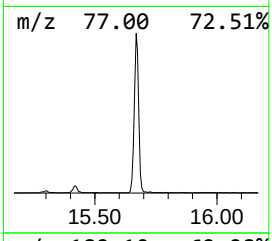
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.669	5.24 ng/ul	342059	Acenaphthene-d10	14.281

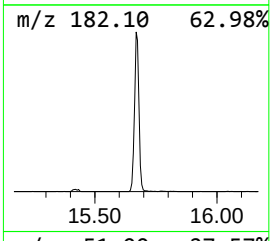
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	95
5	Benzophenone	182	C13H10O	000119-61-9	91

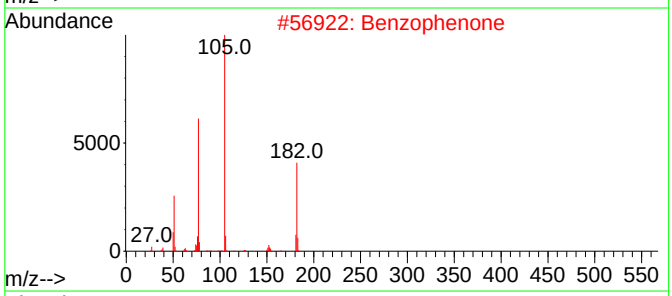


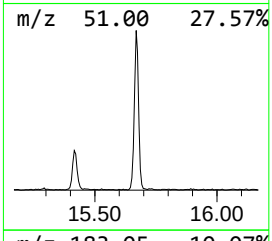


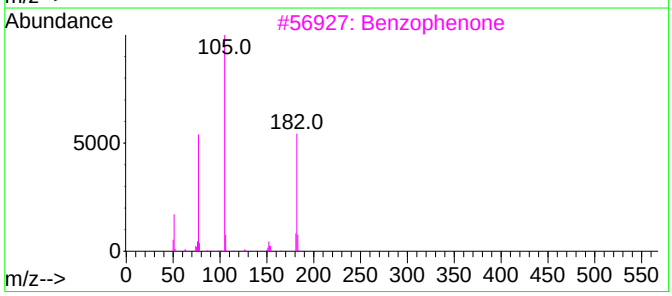


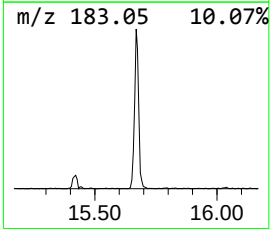












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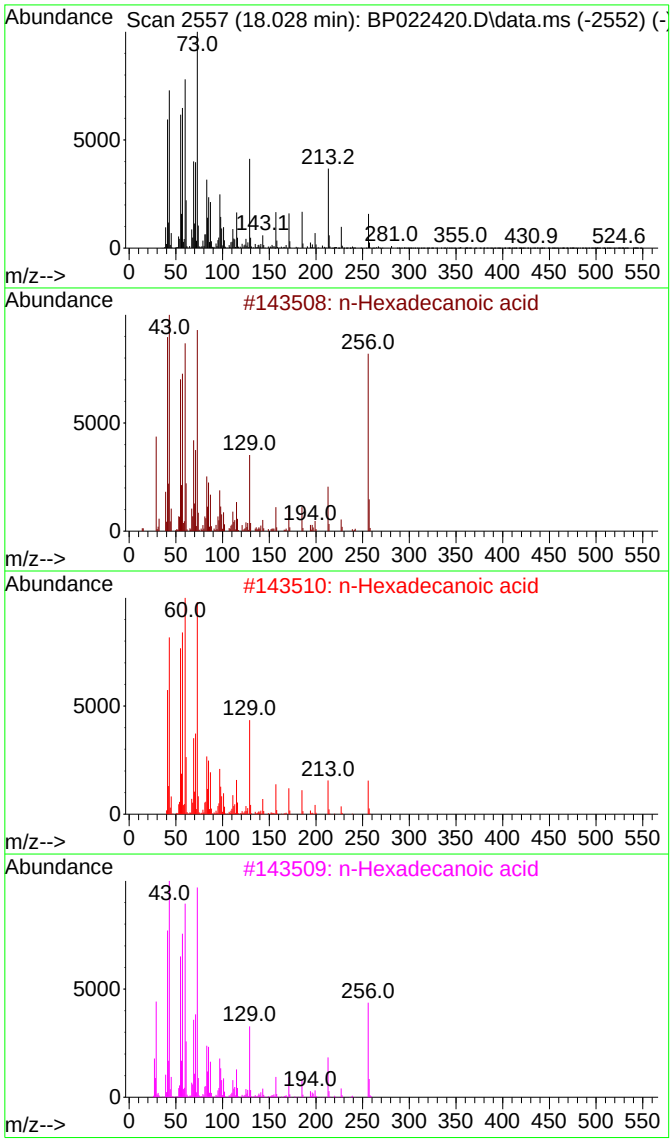
Quant Title : SVOA CALIBRATION

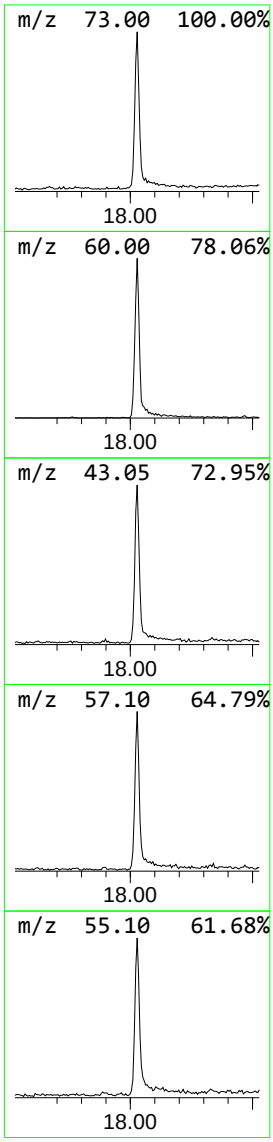
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.028	4.64 ng/ul	400122	Phenanthrene-d10	17.081

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	96
4	Tridecanoic acid	214	C13H26O2	000638-53-9	93
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





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BNA_P
ClientSampleId :
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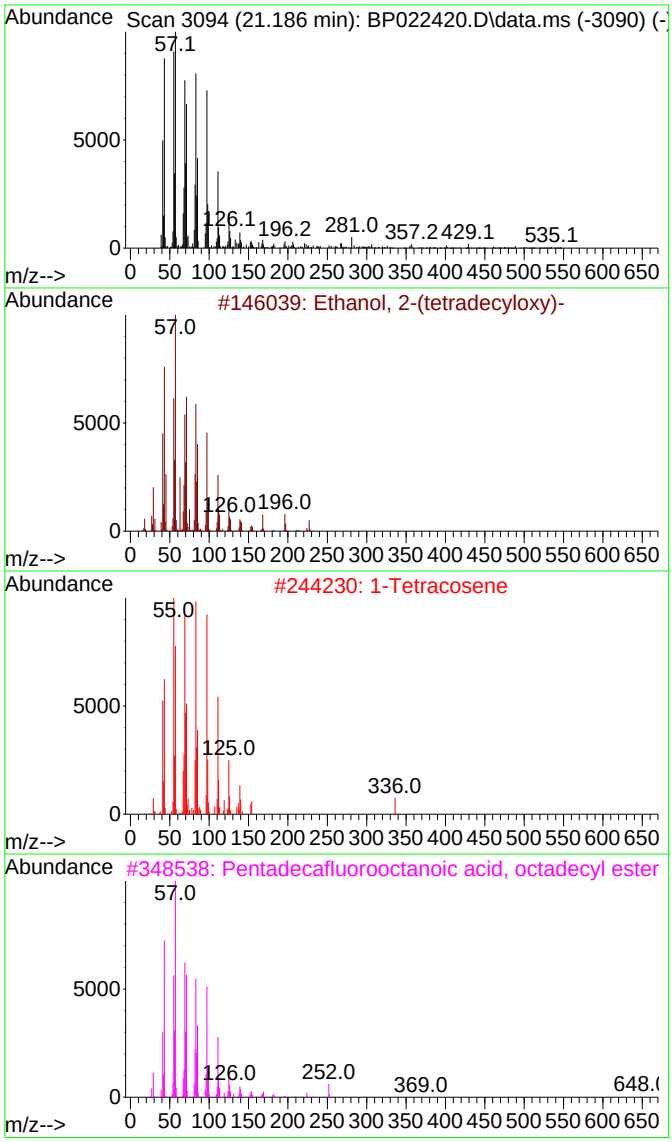
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

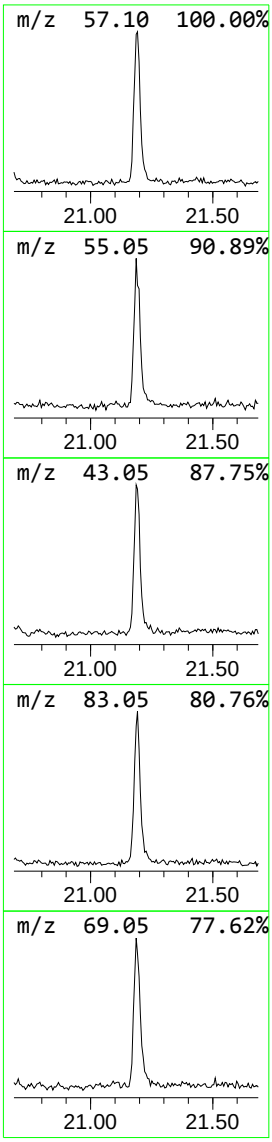
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	2.52 ng/ul	258844	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	1-Tetracosene	336	C24H48	010192-32-2	91
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
4	1-Hexacosene	364	C26H52	018835-33-1	90
5	Octacosanol	410	C28H58O	000557-61-9	89





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	15.669	5.2	ng/ul	342059	3	14.281	1304360	20.0
n-Hexadecanoic ...	18.028	4.6	ng/ul	400122	4	17.081	1726400	20.0
Ethanol, 2-(tet...	21.186	2.5	ng/ul	258844	5	21.516	2056160	20.0