LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061423\
Data File : BP015530.D
Acq On : 14 Jun 2023 22:15
Operator : MA/JU
Sample : 03104-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0NL5

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-BP060723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP015530.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.369	26	31	54	rVB	594269	1074372	17.24%	2.025%
2	3.857	111	114	130	rBV	139823	276528	4.44%	0.521%
3	4.081	148	152	158	rVB4	10855	19962	0.32%	0.038%
4	4.181	165	169	176	rVB5	7939	12685	0.20%	0.024%
5	5.152	330	334	342	rVB	22110	37432	0.60%	0.071%
6	5.322	359	363	370	rBV2	7748	13098	0.21%	0.025%
7	7.246	683	690	704	rBV	168275	297638	4.78%	0.561%
8	7.410	711	718	731	rBV	634103	992849	15.93%	1.871%
9	7.616	744	753	763	rBV	615655	1059606	17.01%	1.997%
10	8.087	825	833	843	rBV	471703	769220	12.35%	1.450%
11	8.804	948	955	973	rBV	518934	927498	14.89%	1.748%
12	9.263	1024	1033	1050	rBV	823241	1442221	23.15%	2.718%
13	9.428	1056	1061	1067	rVB10	3297	7287	0.12%	0.014%
14	9.645	1094	1098	1104	rVB6	6476	10985	0.18%	0.021%
15	9.992	1150	1157	1167	rBV	714045	1236733	19.85%	2.331%
16	10.534	1239	1249	1271	rBV	886121	1707095	27.40%	3.217%
17	10.916	1306	1314	1322	rBV	718249	1222211	19.61%	2.303%
18	11.057	1331	1338	1355	rBV	578428	1187156	19.05%	2.237%
19	11.781	1453	1461	1463	rBV9	5507	12169	0.20%	0.023%
20	12.510	1577	1585	1595	rBV2	13663	29361	0.47%	0.055%
21	13.539	1755	1760	1764	rBV7	5313	7706	0.12%	0.015%
22	13.616	1768	1773	1779	rVB5	9545	16409	0.26%	0.031%
23	13.716	1782	1790	1792	rBV9	2965	6558	0.11%	0.012%
24	14.133	1852	1861	1875	rBV	2078106	3013845	48.37%	5.680%
25	14.245	1878	1880	1885	rVB6	5834	7765	0.12%	0.015%
26	14.428	1904	1911	1924	rBV	2327114	3390604	54.42%	6.390%
27	14.733	1956	1963	1978	rVB	1195379	1785944	28.66%	3.366%
28	14.963	1996	2002	2021	rBV4	47145	193309	3.10%	0.364%
29	15.722	2125	2131	2137	rBV	2863322	4283163	68.74%	8.072%
30	15.775	2137	2140	2147	rVV2	74617	135378	2.17%	0.255%
31	15.851	2147	2153	2168	rVV	992161	1572946	25.24%	2.964%
32	15.969	2168	2173	2177	rVB3	15559	30049	0.48%	0.057%
33	16.086	2188	2193	2204	rVB	124073	184330	2.96%	0.347%
34	16.292	2224	2228	2234	rVB8	3775	7009	0.11%	0.013%
35	16.886	2323	2329	2333	rBV9	5298	10823	0.17%	0.020%
36	17.163	2371	2376	2382	rBV10	4799	10629	0.17%	0.020%

LSC Area Percent Report

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Integration Parameters: LSCINT.P
Integrator: RTE
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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-BP060723.MA.M
Title : SVOA CALIBRATION

37	17.274	2393	2395	2405	rVB8	4413	7101	0.11%	0.013%
38	17.486	2423	2431	2441	rBV	1647127	2304613	36.99%	4.343%
39	17.586	2441	2448	2470	rVB2	3476913	5061042	81.22%	9.538%
40	18.227	2553	2557	2560	rBV5	6977	10821	0.17%	0.020%
41	18.345	2572	2577	2587	rBV	164907	241823	3.88%	0.456%
42	19.386	2750	2754	2759	rBV3	50277	65884	1.06%	0.124%
43	19.457	2762	2766	2774	rVB	51099	79445	1.27%	0.150%
44	19.568	2781	2785	2792	rBV3	75354	116052	1.86%	0.219%
45	19.810	2820	2826	2837	rBV	4705563	6213934	99.73%	11.711%
46	21.245	3065	3070	3083	rBV2	204752	487819	7.83%	0.919%
47	21.568	3120	3125	3134	rBV	1956105	2646018	42.47%	4.987%
48	23.951	3522	3530	3541	rVB2	2999795	6231002	100.00%	11.743%
49	24.115	3551	3558	3569	rVB	1191719	2604195	41.79%	4.908%

Sum of corrected areas: 53062322

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ClientSampleId :
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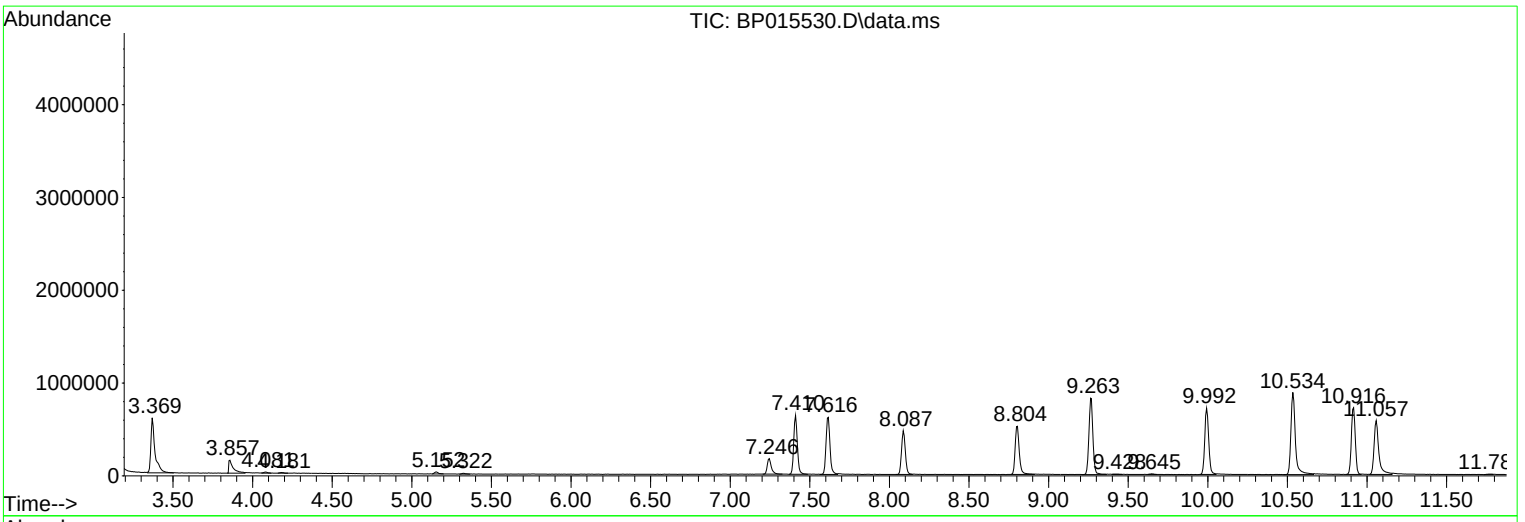
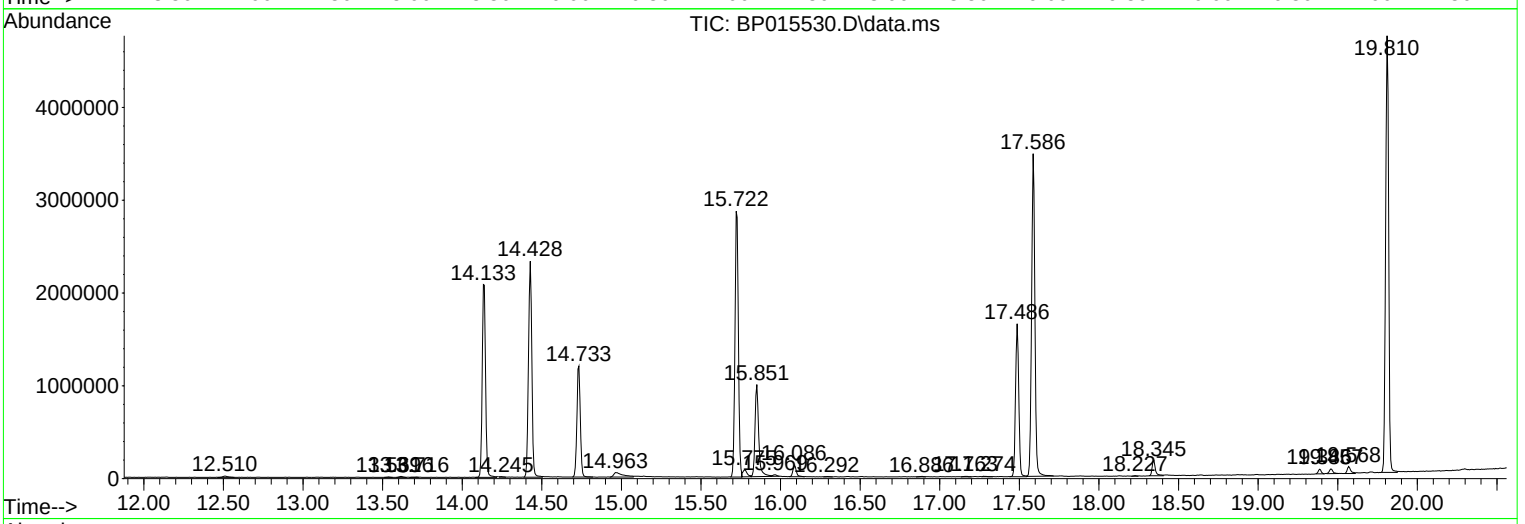
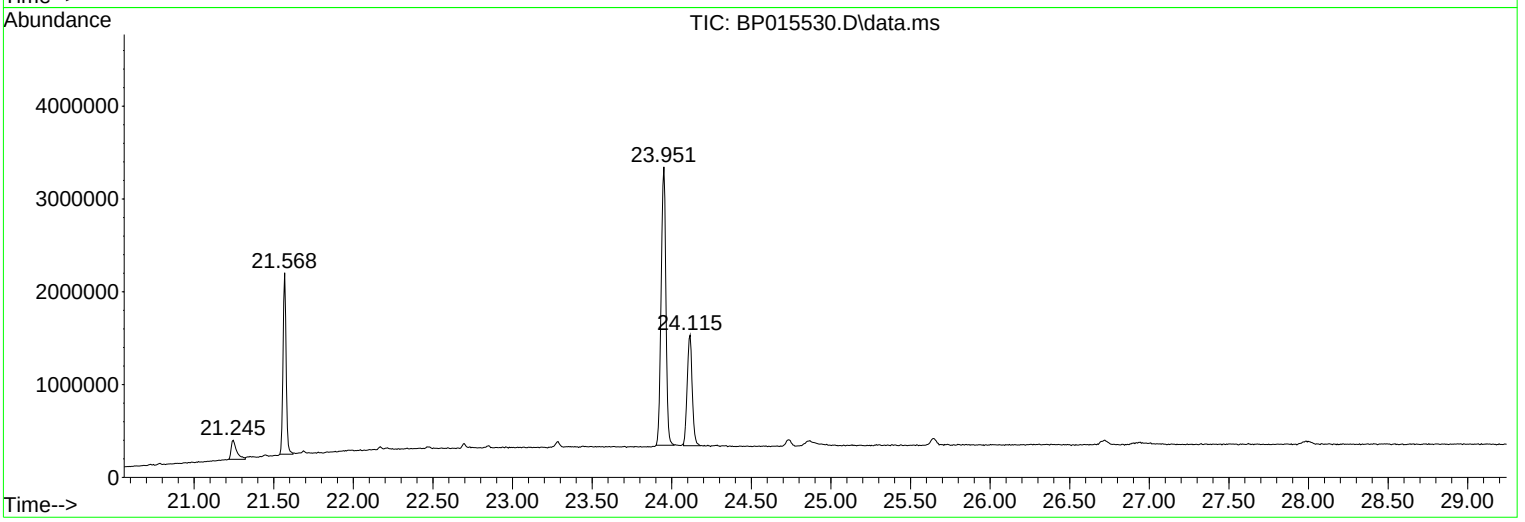
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

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







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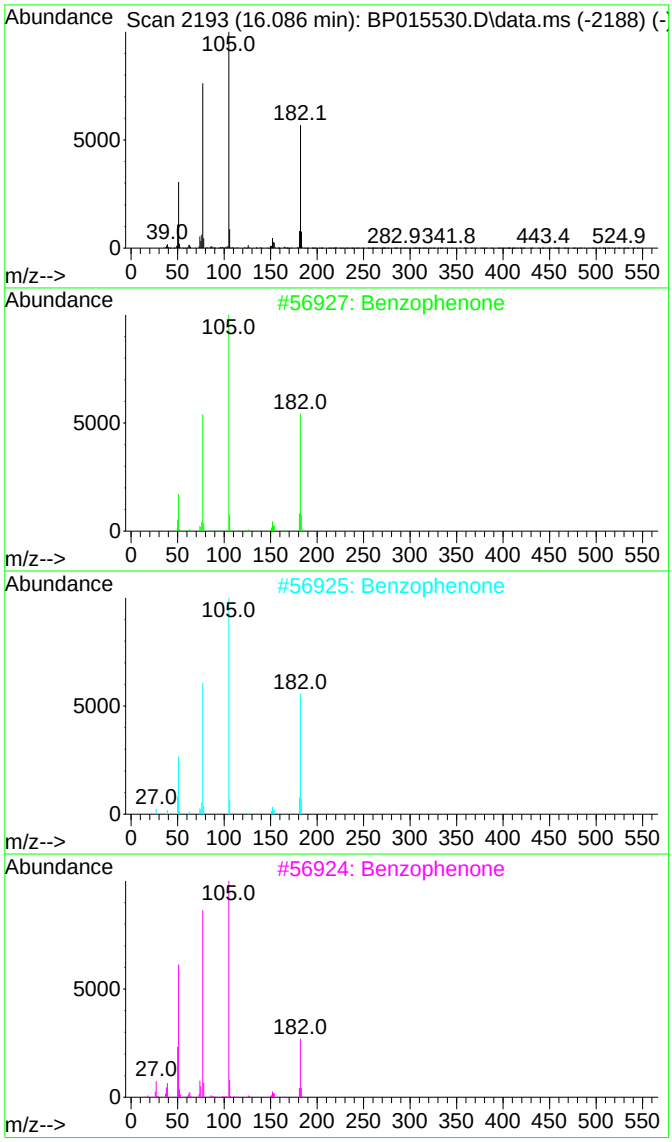
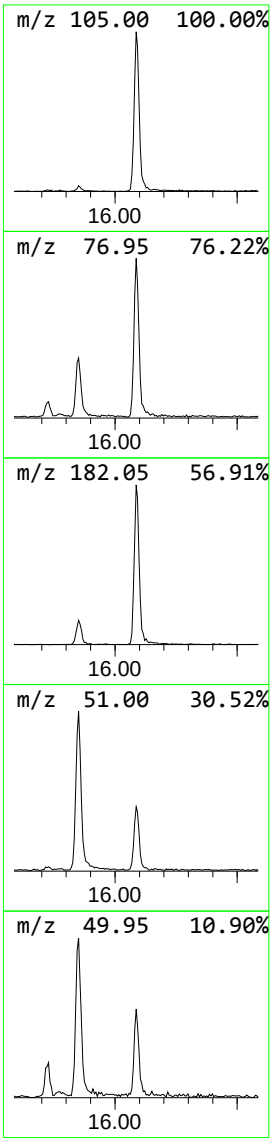
****

Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.086	2.06 ng/ul	184330	Acenaphthene-d10	14.733

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	94
5	Benzophenone	182	C13H10O	000119-61-9	91





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Instrument :
BNA_P
ClientSampleId :
C0NL5

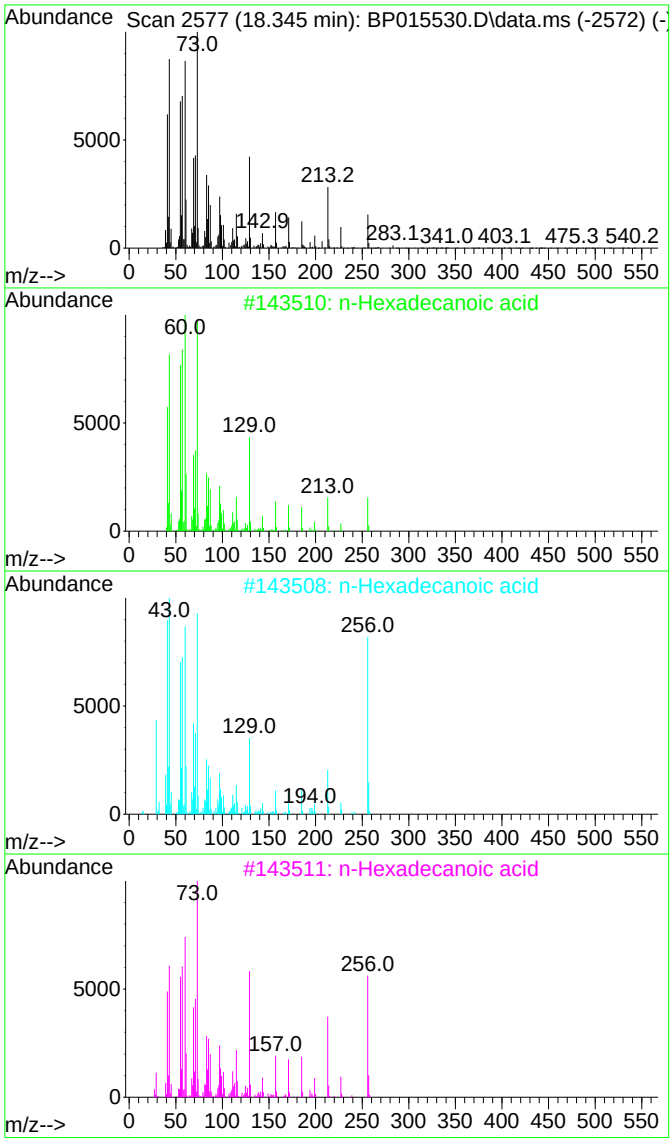
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

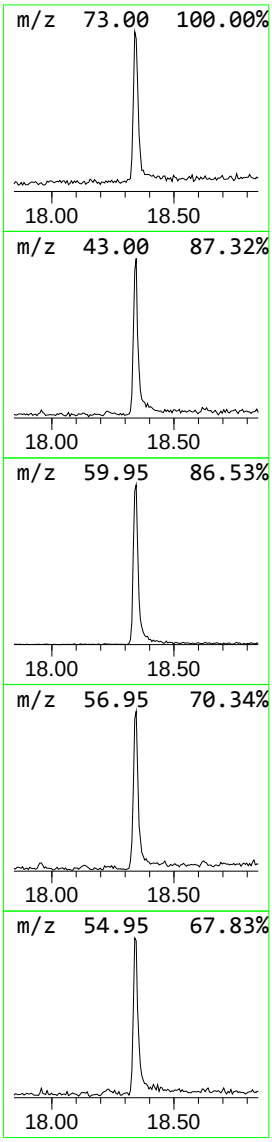
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	2.10 ng/ul	241823	Phenanthrene-d10	17.486

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	Pentadecanoic acid	242	C15H30O2	001002-84-2	94





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Instrument :
BNA_P
ClientSampleId :
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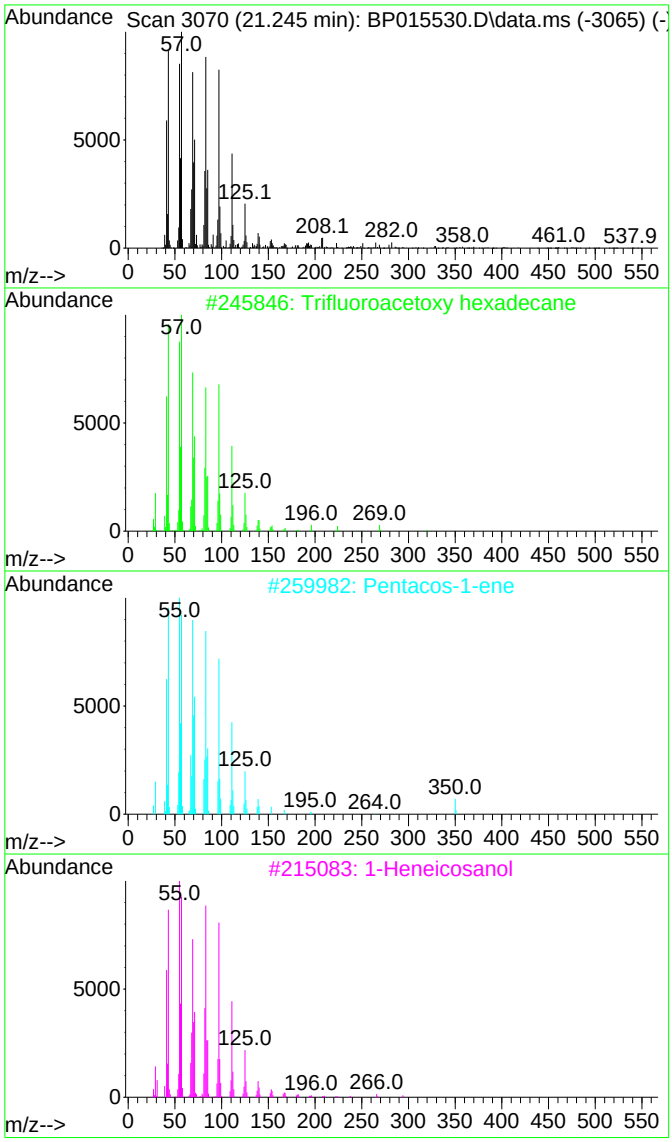
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

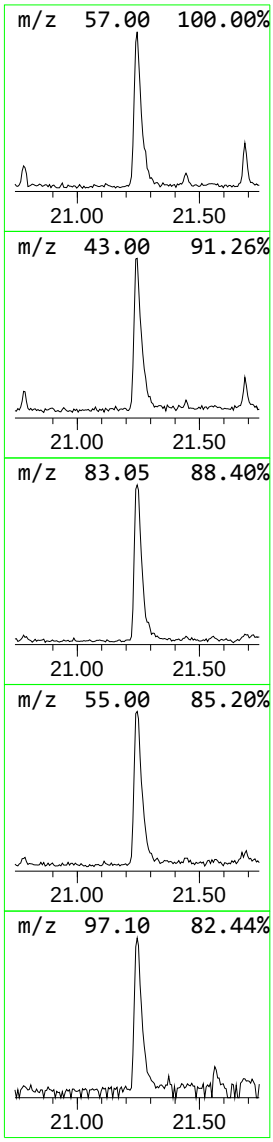
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Trifluoroacetoxy hexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.245	3.69 ng/ul	487819	Chrysene-d12	21.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2	Pentacos-1-ene	350	C25H50	016980-85-1	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	1-Tetracosene	336	C24H48	010192-32-2	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
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	16.086	2.1	ng/ul	184330	3	14.733	1785940	20.0
n-Hexadecanoic ...	18.345	2.1	ng/ul	241823	4	17.486	2304610	20.0
Trifluoroacetox...	21.245	3.7	ng/ul	487819	5	21.568	2646020	20.0