LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020163.D
Acq On : 03 May 2024 03:21
Operator : MA/JU
Sample : P2279-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0RR8

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-BP050124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020163.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.216	19	22	30	rVB2	17561	26415	0.71%	0.084%
2	3.634	89	93	106	rBV	61601	128699	3.44%	0.409%
3	3.916	139	141	145	rVB4	4950	5445	0.15%	0.017%
4	5.005	320	326	337	rVB	34128	63262	1.69%	0.201%
5	6.728	615	619	625	rVB2	5602	10085	0.27%	0.032%
6	6.822	627	635	649	rBV	80637	188722	5.05%	0.599%
7	6.981	655	662	675	rBV	266877	494019	13.22%	1.569%
8	7.163	687	693	712	rVB	288730	552656	14.79%	1.755%
9	7.510	747	752	761	rVB	3058	6839	0.18%	0.022%
10	7.622	765	771	789	rBV	272206	519285	13.89%	1.649%
11	7.975	826	831	837	rVB3	7149	11827	0.32%	0.038%
12	8.334	885	892	906	rBV	249939	524829	14.04%	1.667%
13	8.781	961	968	984	rBV	392101	736279	19.70%	2.338%
14	8.893	984	987	994	rVB9	2875	7103	0.19%	0.023%
15	9.134	1021	1028	1034	rBV2	11447	20520	0.55%	0.065%
16	9.498	1082	1090	1104	rBV	314186	635917	17.02%	2.019%
17	9.675	1112	1120	1128	rVB	3135	9060	0.24%	0.029%
18	9.793	1132	1140	1141	rBV8	2748	4442	0.12%	0.014%
19	9.934	1159	1164	1171	rBV4	3400	8094	0.22%	0.026%
20	10.034	1173	1181	1209	rBV	401332	917936	24.56%	2.915%
21	10.263	1215	1220	1224	rVB6	3383	4794	0.13%	0.015%
22	10.393	1235	1242	1252	rBV	423567	716535	19.17%	2.275%
23	10.557	1263	1270	1295	rBV	290206	742000	19.85%	2.356%
24	11.210	1374	1381	1382	rBV5	5839	8438	0.23%	0.027%
25	11.640	1449	1454	1459	rVB3	5311	8693	0.23%	0.028%
26	12.022	1512	1519	1528	rVB3	7110	14730	0.39%	0.047%
27	12.616	1618	1620	1627	rVB8	2975	4259	0.11%	0.014%
28	12.887	1660	1666	1671	rBV9	2788	4497	0.12%	0.014%
29	13.181	1707	1716	1723	rBV3	22581	42140	1.13%	0.134%
30	13.710	1795	1806	1821	rBV	1157162	1845915	49.39%	5.862%
31	13.987	1842	1853	1867	rBV	1276247	1870007	50.04%	5.938%
32	14.116	1870	1875	1881	rVB4	6197	11606	0.31%	0.037%
33	14.198	1886	1889	1894	rVB7	3189	3998	0.11%	0.013%
34	14.298	1898	1906	1918	rBV	730439	1090658	29.18%	3.464%
35	14.534	1936	1946	1949	rBV4	25327	62618	1.68%	0.199%
36	14.575	1949	1953	1971	rVB3	50021	171686	4.59%	0.545%

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Instrument : BNA_P
ClientSampleId : C0RR8

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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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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Title : SVOA CALIBRATION

37	14.751	1979	1983	1994	rVB3	10404	22370	0.60%	0.071%
38	15.128	2043	2047	2050	rVV	9663	13056	0.35%	0.041%
39	15.169	2050	2054	2060	rVB3	12593	21376	0.57%	0.068%
40	15.322	2070	2080	2090	rBV	1597307	2486769	66.54%	7.897%
41	15.404	2090	2094	2098	rVV7	4731	9526	0.25%	0.030%
42	15.475	2100	2106	2119	rVV	620253	1063018	28.44%	3.376%
43	15.575	2121	2123	2131	rVB7	11448	21599	0.58%	0.069%
44	15.722	2143	2148	2153	rBV7	6692	9740	0.26%	0.031%
45	16.081	2206	2209	2214	rBV3	6702	11866	0.32%	0.038%
46	16.133	2216	2218	2222	rVB5	3934	5314	0.14%	0.017%
47	16.551	2283	2289	2292	rBV8	7237	10874	0.29%	0.035%
48	16.728	2314	2319	2324	rBV8	6226	8442	0.23%	0.027%
49	16.898	2344	2348	2353	rBV4	14533	23304	0.62%	0.074%
50	17.022	2365	2369	2373	rVB7	4270	6666	0.18%	0.021%
51	17.075	2375	2378	2382	rVB5	5361	5948	0.16%	0.019%
52	17.139	2382	2389	2396	rBV	872584	1427753	38.20%	4.534%
53	17.198	2396	2399	2400	rVV2	12065	14037	0.38%	0.045%
54	17.239	2400	2406	2419	rVV	2020156	2911432	77.90%	9.246%
55	17.333	2420	2422	2427	rVB6	4809	6364	0.17%	0.020%
56	17.457	2438	2443	2449	rBV3	8102	15021	0.40%	0.048%
57	17.575	2459	2463	2466	rBV7	4900	6698	0.18%	0.021%
58	17.669	2476	2479	2483	rVB	13366	15524	0.42%	0.049%
59	18.092	2545	2551	2561	rBV	368574	591829	15.84%	1.879%
60	18.169	2562	2564	2569	rVB	15004	23206	0.62%	0.074%
61	18.398	2600	2603	2607	rVB	12159	13385	0.36%	0.043%
62	18.610	2637	2639	2643	rBV5	5394	6510	0.17%	0.021%
63	19.063	2713	2716	2721	rVB4	9966	11902	0.32%	0.038%
64	19.186	2732	2737	2743	rBV2	29612	46362	1.24%	0.147%
65	19.263	2746	2750	2753	rBV	21213	27053	0.72%	0.086%
66	19.439	2775	2780	2793	rBV	347159	590880	15.81%	1.876%
67	19.639	2808	2814	2824	rVB	2606574	3737346	100.00%	11.869%
68	21.316	3094	3099	3107	rBV3	135924	256860	6.87%	0.816%
69	21.633	3147	3153	3163	rVB	973908	1575990	42.17%	5.005%
70	24.745	3672	3682	3700	rVB	1190115	3500112	93.65%	11.115%
71	24.992	3715	3724	3739	rVB	550752	1517476	40.60%	4.819%

Sum of corrected areas: 31489616

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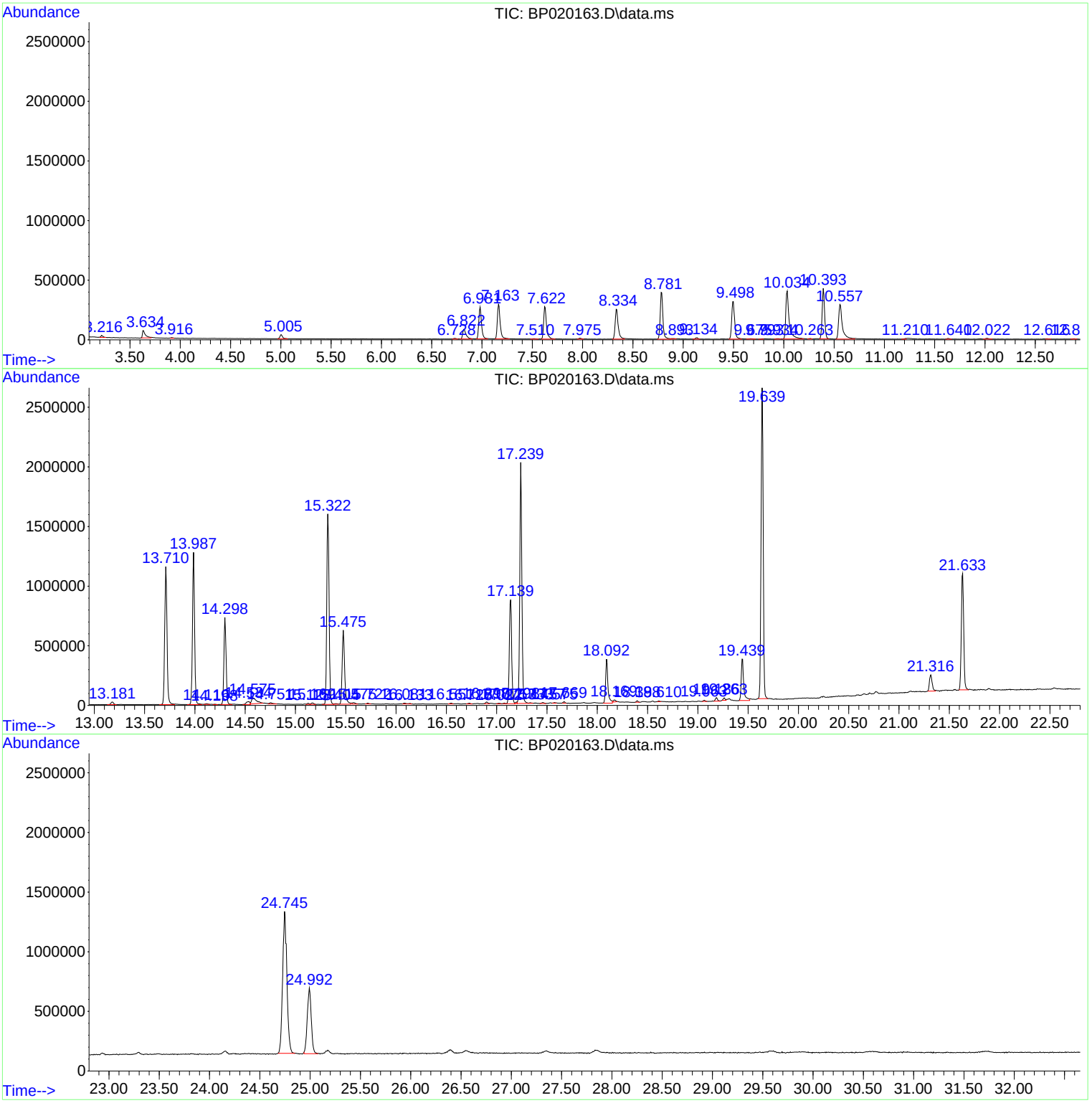
Instrument :
BNA_P
ClientSampleId :
C0RR8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

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



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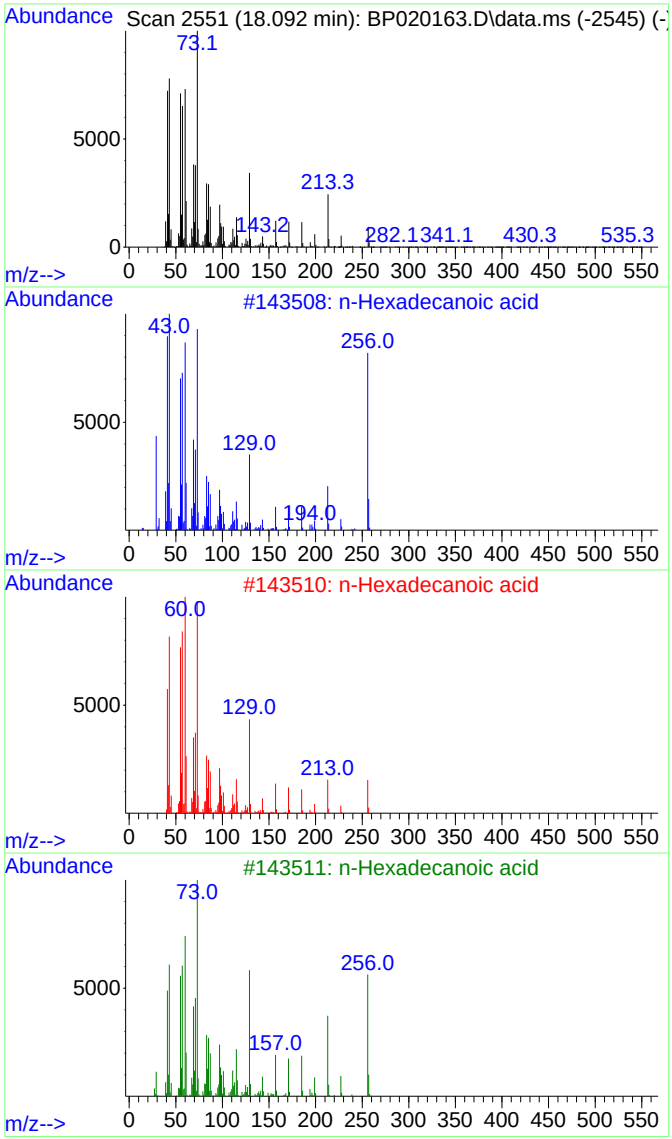
Quant Title : SVOA CALIBRATION

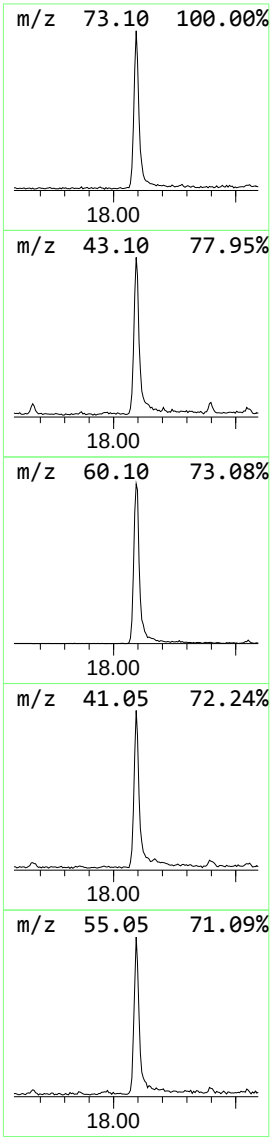
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	8.29 ng/ul	591829	Phenanthrene-d10	17.139

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	Tridecanoic acid	214	C13H26O2	000638-53-9	89





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ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0RR8

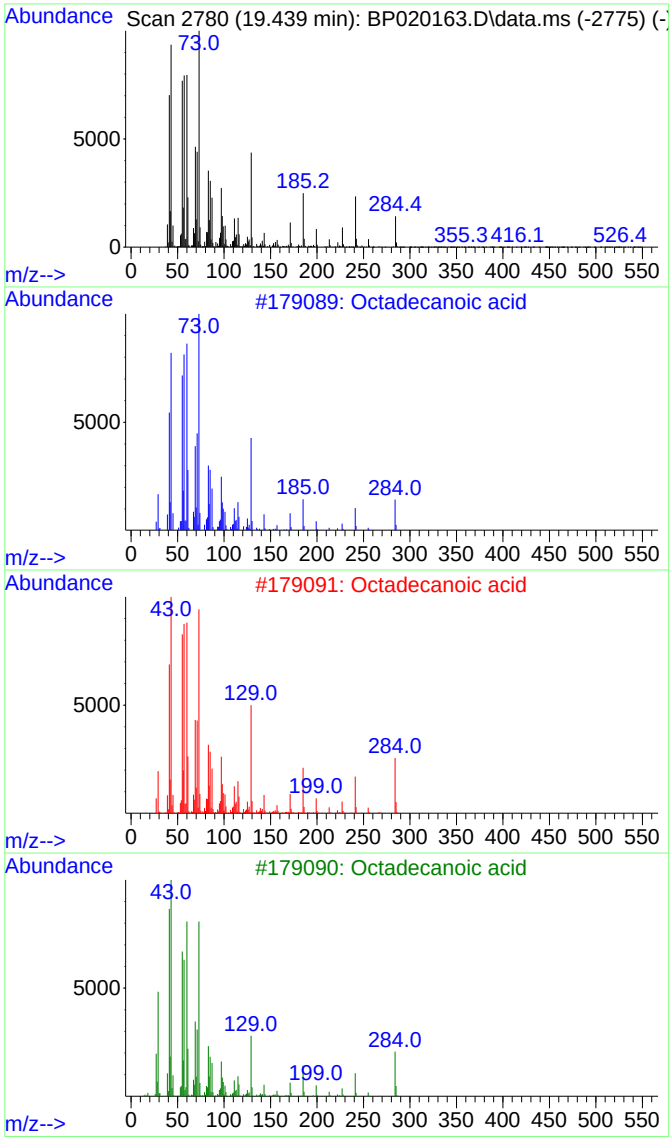
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

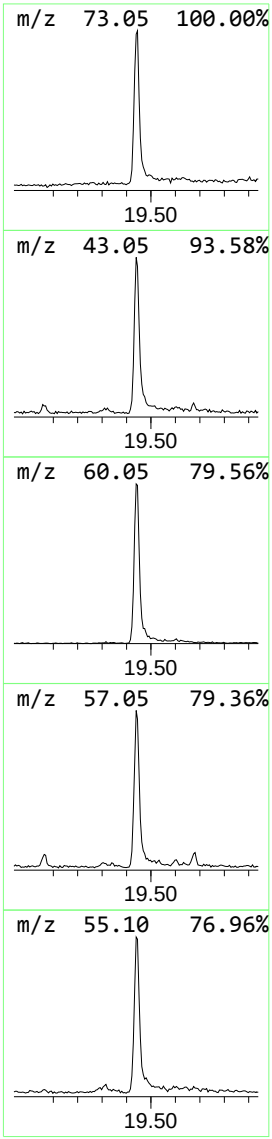
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.439	7.50 ng/ul	590880	Chrysene-d12	21.633

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	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0RR8

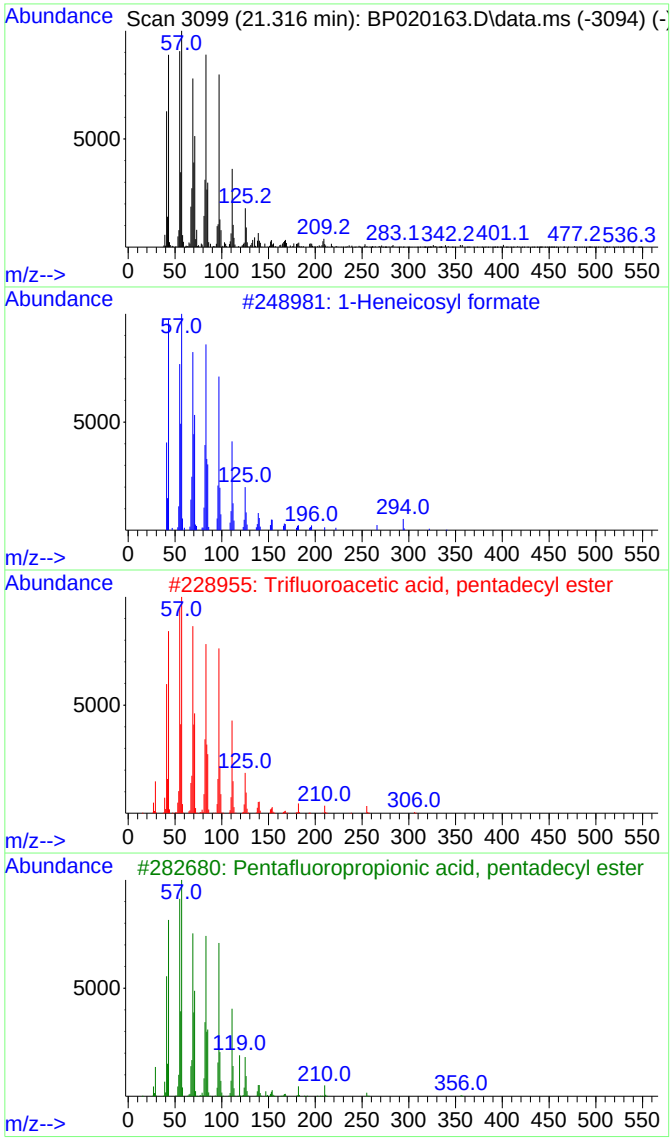
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

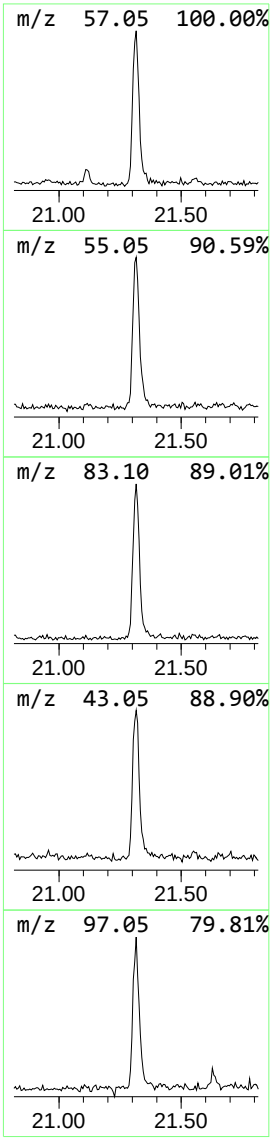
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.316	3.26 ng/ul	256860	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
4	1-Hexacosene	364	C26H52	018835-33-1	91
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	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
n-Hexadecanoic ...	18.092	8.3	ng/ul	591829	4	17.139	1427750	20.0
Octadecanoic acid	19.439	7.5	ng/ul	590880	5	21.633	1575990	20.0
1-Heneicosyl fo...	21.316	3.3	ng/ul	256860	5	21.633	1575990	20.0