LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
Data File : BP020386.D
Acq On : 15 May 2024 04:35
Operator : MA/JU
Sample : P2372-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43W6

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: BP020386.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.134	6	8	9	rBV2	3453	2448	0.11%	0.011%
2	3.193	15	18	23	rVB2	14395	19034	0.83%	0.084%
3	3.481	63	67	72	rBV	14315	30842	1.35%	0.136%
4	3.599	84	87	108	rBV	136756	283452	12.38%	1.252%
5	4.099	168	172	177	rVB8	2875	5295	0.23%	0.023%
6	5.064	333	336	338	rBV4	1654	2329	0.10%	0.010%
7	6.787	621	629	651	rBV	182640	455724	19.90%	2.013%
8	6.952	651	657	672	rVB	173876	322291	14.07%	1.424%
9	7.128	681	687	708	rBV	234831	463950	20.26%	2.049%
10	7.593	759	766	777	rBV	254342	475124	20.75%	2.099%
11	8.305	880	887	906	rBV	253354	546478	23.86%	2.414%
12	8.752	956	963	978	rBV	234465	467777	20.43%	2.066%
13	9.093	1020	1021	1026	rVB4	2669	2667	0.12%	0.012%
14	9.369	1061	1068	1072	rBV7	4036	11556	0.50%	0.051%
15	9.463	1077	1084	1098	rBV	190156	412154	18.00%	1.820%
16	10.010	1168	1177	1198	rBV	232426	600175	26.21%	2.651%
17	10.216	1205	1212	1220	rBV4	14368	46183	2.02%	0.204%
18	10.357	1229	1236	1244	rBV	400410	672628	29.37%	2.971%
19	10.534	1256	1266	1287	rBV	198989	580941	25.37%	2.566%
20	10.999	1338	1345	1350	rBV10	2895	7653	0.33%	0.034%
21	11.175	1367	1375	1385	rBV3	13847	45820	2.00%	0.202%
22	11.263	1389	1390	1397	rVB7	1857	3566	0.16%	0.016%
23	11.952	1500	1507	1509	rBV8	1342	2351	0.10%	0.010%
24	11.987	1509	1513	1521	rVV5	4284	9638	0.42%	0.043%
25	12.069	1523	1527	1531	rVB6	2310	3568	0.16%	0.016%
26	12.281	1557	1563	1568	rBV8	2719	4663	0.20%	0.021%
27	12.869	1656	1663	1666	rBV8	1368	3265	0.14%	0.014%
28	13.581	1779	1784	1788	rBV7	2477	3990	0.17%	0.018%
29	13.687	1795	1802	1821	rBV	622475	1058825	46.23%	4.677%
30	13.851	1826	1830	1833	rVB5	1619	2373	0.10%	0.010%
31	13.957	1837	1848	1860	rBV	708040	1197133	52.27%	5.288%
32	14.269	1893	1901	1909	rBV	674312	1009682	44.09%	4.460%
33	14.334	1909	1912	1918	rVB3	8783	14532	0.63%	0.064%
34	14.504	1933	1941	1945	rBV3	29423	65924	2.88%	0.291%
35	14.557	1945	1950	1970	rBV2	89972	337352	14.73%	1.490%
36	15.093	2036	2041	2044	rBV6	2660	3522	0.15%	0.016%

LSC Area Percent Report

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Title : SVOA CALIBRATION

37	15.293	2068	2075	2083	rBV	937596	1508514	65.87%	6.663%
38	15.451	2096	2102	2116	rBV	220313	463952	20.26%	2.049%
39	15.657	2134	2137	2140	rVB4	4002	4860	0.21%	0.021%
40	15.798	2159	2161	2163	rBV3	2883	3136	0.14%	0.014%
41	15.887	2172	2176	2182	rBV7	2348	3950	0.17%	0.017%
42	16.045	2199	2203	2210	rVB10	2844	6657	0.29%	0.029%
43	16.228	2230	2234	2235	rBV4	2019	2475	0.11%	0.011%
44	16.375	2254	2259	2260	rBV5	2671	3652	0.16%	0.016%
45	16.522	2278	2284	2291	rVB5	2960	6650	0.29%	0.029%
46	16.634	2299	2303	2305	rBV4	2202	3038	0.13%	0.013%
47	16.769	2320	2326	2332	rBV7	6913	13059	0.57%	0.058%
48	16.845	2332	2339	2342	rBV8	4761	11530	0.50%	0.051%
49	16.922	2348	2352	2356	rVB	7115	9084	0.40%	0.040%
50	17.039	2367	2372	2376	rVB8	2926	5030	0.22%	0.022%
51	17.104	2376	2383	2388	rBV	893809	1310097	57.21%	5.787%
52	17.145	2388	2390	2395	rVV	157174	206255	9.01%	0.911%
53	17.204	2395	2400	2415	rVB2	965138	1662329	72.59%	7.342%
54	17.351	2421	2425	2429	rVB6	7736	13449	0.59%	0.059%
55	17.563	2458	2461	2465	rBV4	4891	5917	0.26%	0.026%
56	18.028	2535	2540	2541	rBV3	15933	20699	0.90%	0.091%
57	18.057	2541	2545	2556	rVB3	125523	242510	10.59%	1.071%
58	18.228	2570	2574	2578	rBV3	17899	28063	1.23%	0.124%
59	18.269	2578	2581	2584	rVB3	8882	12321	0.54%	0.054%
60	18.357	2594	2596	2597	rBV2	4784	2785	0.12%	0.012%
61	18.551	2626	2629	2634	rBV4	10555	21935	0.96%	0.097%
62	18.610	2636	2639	2645	rVB4	15282	29169	1.27%	0.129%
63	19.151	2728	2731	2734	rVB3	18467	20938	0.91%	0.092%
64	19.257	2742	2749	2757	rVB	222086	331592	14.48%	1.465%
65	19.410	2771	2775	2780	rBV2	55688	86062	3.76%	0.380%
66	19.510	2789	2792	2796	rBV2	15211	23428	1.02%	0.103%
67	19.610	2803	2809	2820	rVB2	1371326	2290138	100.00%	10.115%
68	21.286	3090	3094	3101	rVB	127243	210662	9.20%	0.930%
69	21.604	3141	3148	3154	rBV	875036	1498807	65.45%	6.620%
70	24.727	3670	3679	3689	rBV	683526	1914800	83.61%	8.457%
71	24.957	3710	3718	3736	rVB	508436	1487943	64.97%	6.572%

Sum of corrected areas: 22640391

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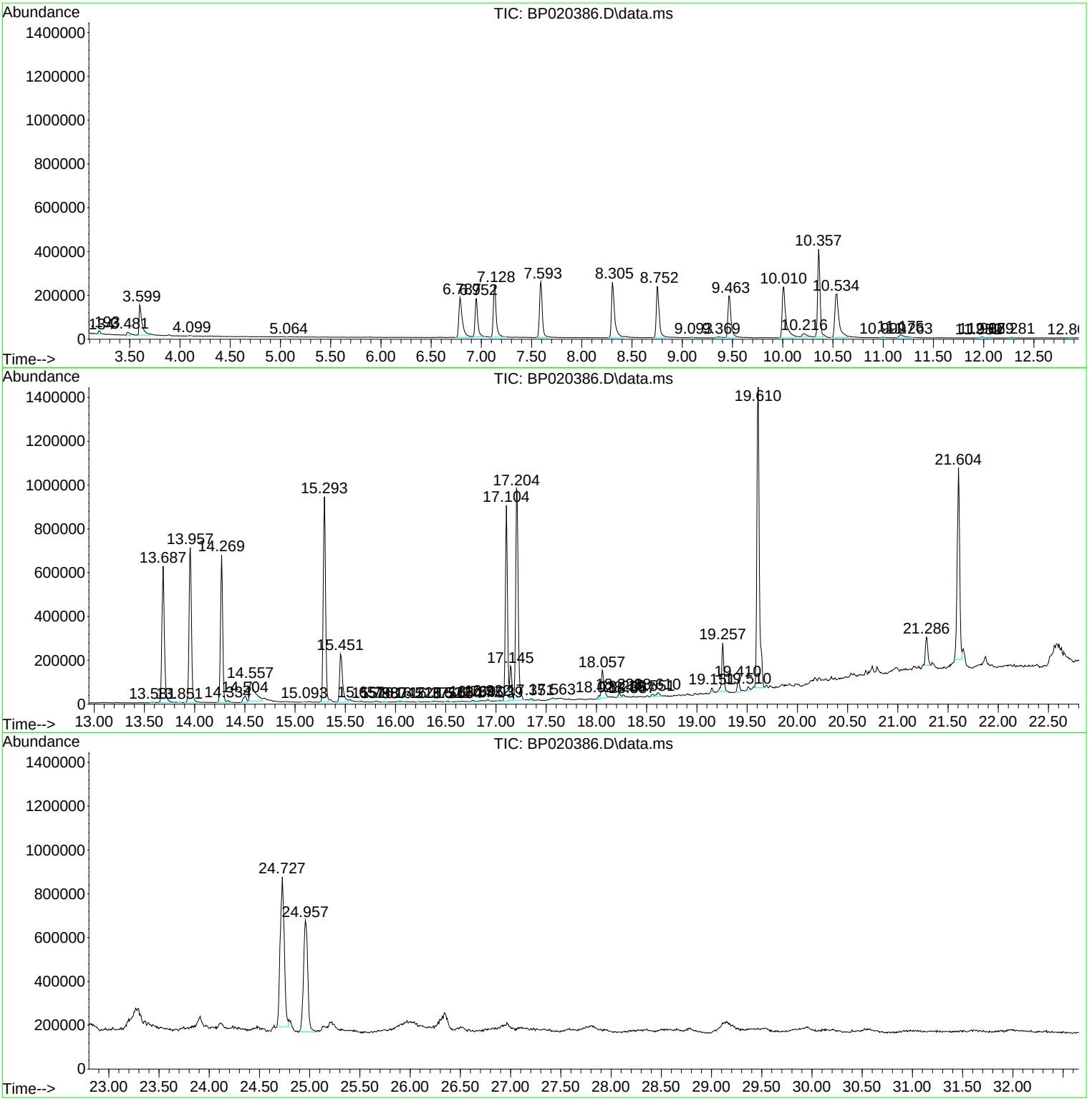
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

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



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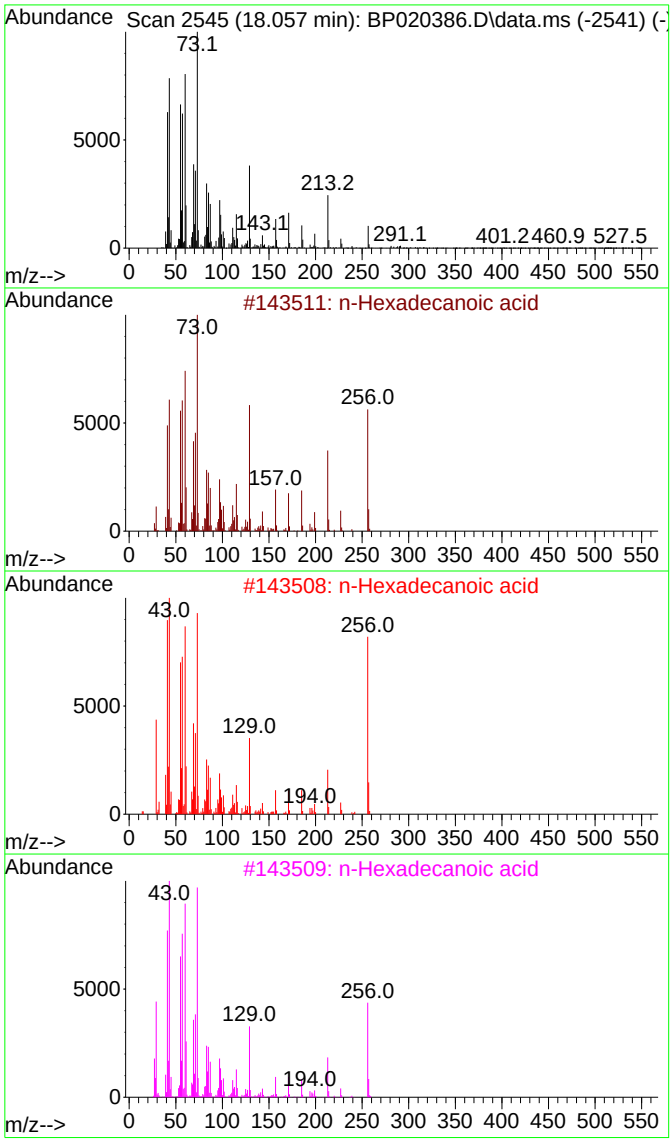
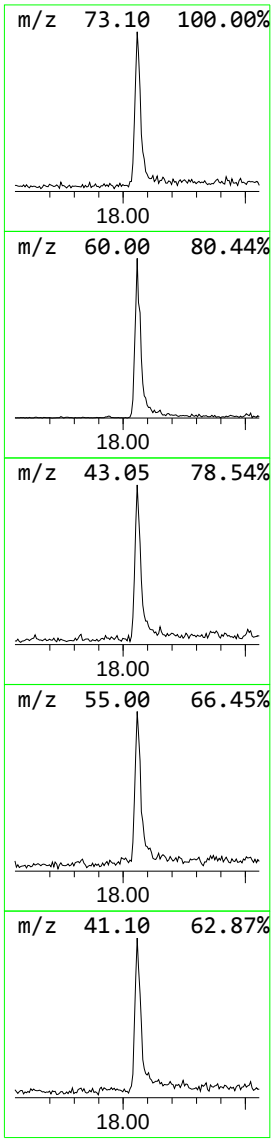
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.057	3.70 ng/ul	242510	Phenanthrene-d10	17.104

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	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91





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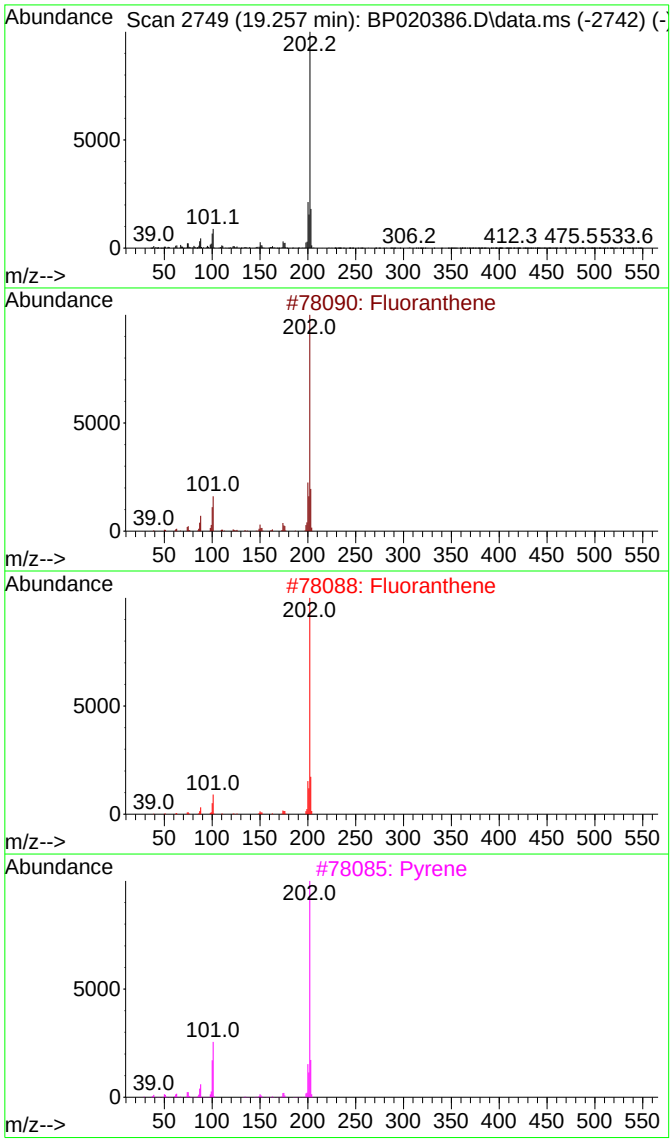
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

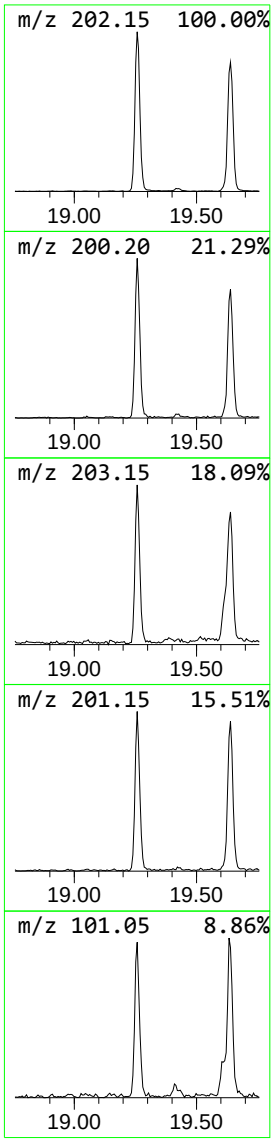
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Fluoran thene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.257	5.06 ng/ul	331592	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	Fluoranthene	202	C16H10	000206-44-0	93
3	Pyrene	202	C16H10	000129-00-0	89
4	Pyrene	202	C16H10	000129-00-0	89
5	Pyrene	202	C16H10	000129-00-0	87





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ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43W6

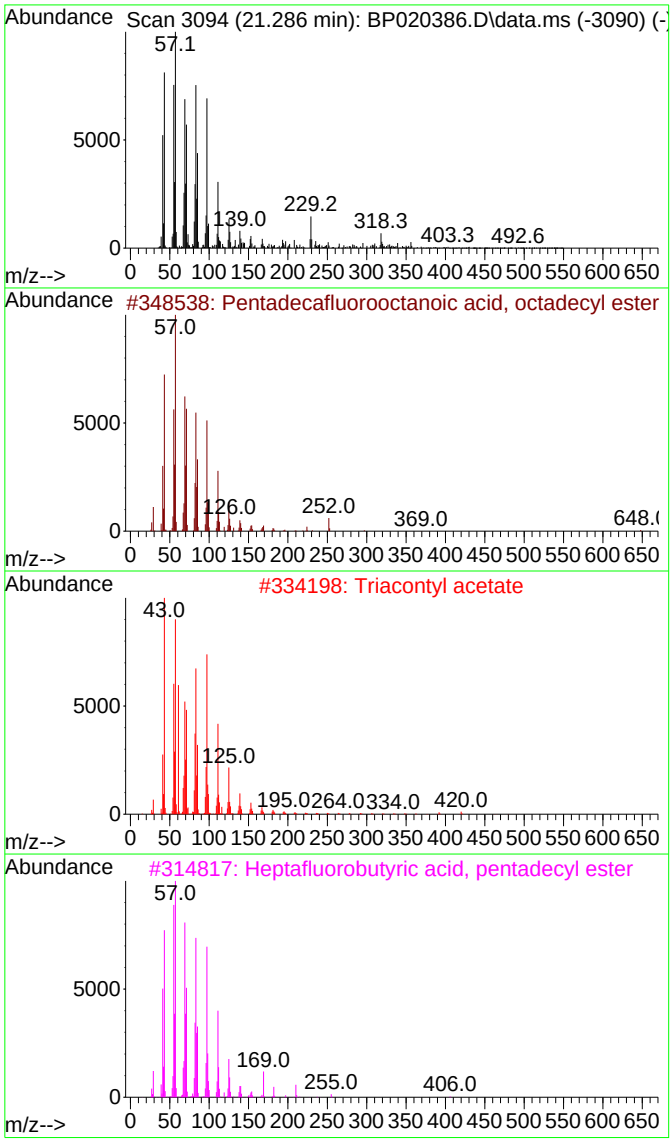
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

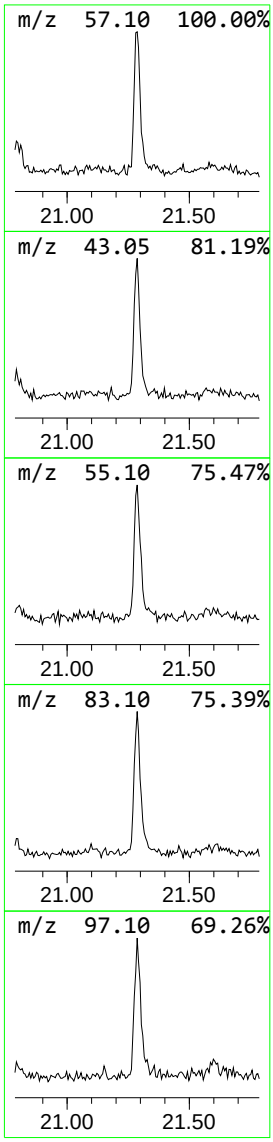
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentadecafluorooctanoic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.286	2.81 ng/ul	210662	Chrysene-d12	21.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
2	Triacontyl acetate	480	C32H64O2	041755-58-2	91
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
5	Butyl tetracosyl ether	410	C28H58O	1000406-40-9	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
n-Hexadecanoic ...	18.057	3.7	ng/ul	242510	4	17.104	1310100	20.0
Fluoran thene	19.257	5.1	ng/ul	331592	4	17.104	1310100	20.0
Pentadecafluoro...	21.286	2.8	ng/ul	210662	5	21.604	1498810	20.0