LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044373.D
Acq On : 27 Feb 2024 18:56
Operator : MA/JU
Sample : P1469-14
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BH9X5

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_M\Methods\SFAM-EPA-BM022324.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM044373.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.363	44	47	54	rVB	85323	108493	1.81%	0.167%
2	3.781	115	118	135	rBV	627496	1006735	16.79%	1.553%
3	3.893	135	137	143	rVB4	17903	26190	0.44%	0.040%
4	4.104	171	173	177	rVB	19394	22112	0.37%	0.034%
5	4.334	208	212	216	rBV6	10125	14771	0.25%	0.023%
6	6.793	627	630	637	rVB8	3073	6544	0.11%	0.010%
7	7.104	676	683	691	rBV	1177491	1852652	30.89%	2.859%
8	7.281	707	713	728	rVB	974241	1549530	25.84%	2.391%
9	7.463	736	744	756	rBV	1127385	1840840	30.69%	2.841%
10	7.545	756	758	763	rVB5	4842	8364	0.14%	0.013%
11	7.940	818	825	833	rBV	728593	1139021	18.99%	1.758%
12	8.198	864	869	873	rBV8	3428	7332	0.12%	0.011%
13	8.651	939	946	959	rBV	1393474	2280860	38.03%	3.520%
14	9.110	1016	1024	1036	rBV	1052932	1756937	29.29%	2.711%
15	9.281	1048	1053	1058	rBV8	8529	14118	0.24%	0.022%
16	9.498	1086	1090	1096	rVB4	6972	13378	0.22%	0.021%
17	9.828	1139	1146	1157	rBV	833608	1449136	24.16%	2.236%
18	10.363	1230	1237	1251	rBV	1276872	2220451	37.02%	3.426%
19	10.745	1294	1302	1310	rBV	1008835	1696757	28.29%	2.618%
20	10.892	1317	1327	1347	rBV	1265616	2316796	38.63%	3.575%
21	12.180	1540	1546	1551	rVB8	4658	9350	0.16%	0.014%
22	12.333	1566	1572	1579	rBV2	26692	48637	0.81%	0.075%
23	13.116	1703	1705	1712	rVB7	4257	7252	0.12%	0.011%
24	13.410	1751	1755	1761	rVB8	7958	13558	0.23%	0.021%
25	13.486	1761	1768	1773	rBV	38832	61728	1.03%	0.095%
26	13.557	1776	1780	1782	rBV6	6810	7374	0.12%	0.011%
27	14.004	1846	1856	1868	rBV	2225815	3082261	51.39%	4.756%
28	14.274	1892	1902	1912	rBV2	2709896	4021433	67.05%	6.205%
29	14.480	1933	1937	1942	rVB7	4280	6329	0.11%	0.010%
30	14.580	1947	1954	1965	rBV	1494303	2167270	36.14%	3.344%
31	14.786	1981	1989	2009	rBV	744286	1520529	25.35%	2.346%
32	15.010	2023	2027	2034	rVB9	13973	26616	0.44%	0.041%
33	15.245	2065	2067	2074	rVB7	4617	7189	0.12%	0.011%
34	15.574	2116	2123	2138	rBV	3368440	4860364	81.04%	7.500%
35	15.698	2138	2144	2160	rVV	973821	1347048	22.46%	2.079%
36	15.815	2160	2164	2171	rVB6	14401	30224	0.50%	0.047%

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Misc :
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Instrument : BNA_M
ClientSampleId : BH9X5

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_M\Methods\SFAM-EPA-BM022324.MA.M
Title : SVOA CALIBRATION

37	16.304	2243	2247	2251	rVV7	5017	9921	0.17%	0.015%
38	16.363	2253	2257	2265	rVB3	16291	28505	0.48%	0.044%
39	16.463	2272	2274	2282	rVB7	5645	8392	0.14%	0.013%
40	16.739	2317	2321	2329	rBV10	9767	17421	0.29%	0.027%
41	17.010	2363	2367	2370	rBV6	5960	7617	0.13%	0.012%
42	17.110	2378	2384	2389	rBV6	6678	15056	0.25%	0.023%
43	17.333	2415	2422	2432	rBV	1731164	2518967	42.00%	3.887%
44	17.433	2432	2439	2449	rBV	3426698	5092780	84.92%	7.859%
45	17.533	2454	2456	2460	rVB4	20124	25250	0.42%	0.039%
46	17.633	2468	2473	2477	rVB6	5908	10290	0.17%	0.016%
47	17.692	2477	2483	2486	rVV8	3680	6687	0.11%	0.010%
48	17.727	2486	2489	2498	rVB8	6929	13496	0.23%	0.021%
49	18.021	2534	2539	2546	rVB8	11722	15731	0.26%	0.024%
50	18.245	2571	2577	2587	rBV	557128	820340	13.68%	1.266%
51	18.680	2648	2651	2653	rVB4	7448	6726	0.11%	0.010%
52	18.915	2686	2691	2694	rBV6	8427	13062	0.22%	0.020%
53	19.168	2732	2734	2737	rVB4	7239	6163	0.10%	0.010%
54	19.292	2750	2755	2759	rBV3	47669	68613	1.14%	0.106%
55	19.368	2763	2768	2771	rBV	42701	72481	1.21%	0.112%
56	19.403	2771	2774	2778	rVB6	20421	27181	0.45%	0.042%
57	19.521	2790	2794	2805	rBV2	223874	322288	5.37%	0.497%
58	19.674	2818	2820	2823	rBV3	14657	15067	0.25%	0.023%
59	19.727	2823	2829	2837	rVV	4385001	5879451	98.03%	9.073%
60	20.262	2917	2920	2923	rBV4	14382	24159	0.40%	0.037%
61	20.292	2923	2925	2929	rVB	33025	37324	0.62%	0.058%
62	20.792	3007	3010	3014	rVB	48321	52348	0.87%	0.081%
63	21.256	3085	3089	3099	rBV	440383	725925	12.10%	1.120%
64	21.527	3130	3135	3141	rBV	2044220	2636583	43.96%	4.069%
65	21.709	3163	3166	3172	rVB	79120	90203	1.50%	0.139%
66	22.180	3243	3246	3256	rVB3	91165	143903	2.40%	0.222%
67	22.686	3329	3332	3340	rVB	120435	178253	2.97%	0.275%
68	23.256	3425	3429	3435	rBV2	151623	226412	3.78%	0.349%
69	23.791	3512	3520	3533	rBV	2976858	5997420	100.00%	9.255%
70	23.944	3535	3546	3557	rVB	1329719	3142436	52.40%	4.849%

Sum of corrected areas: 64804630

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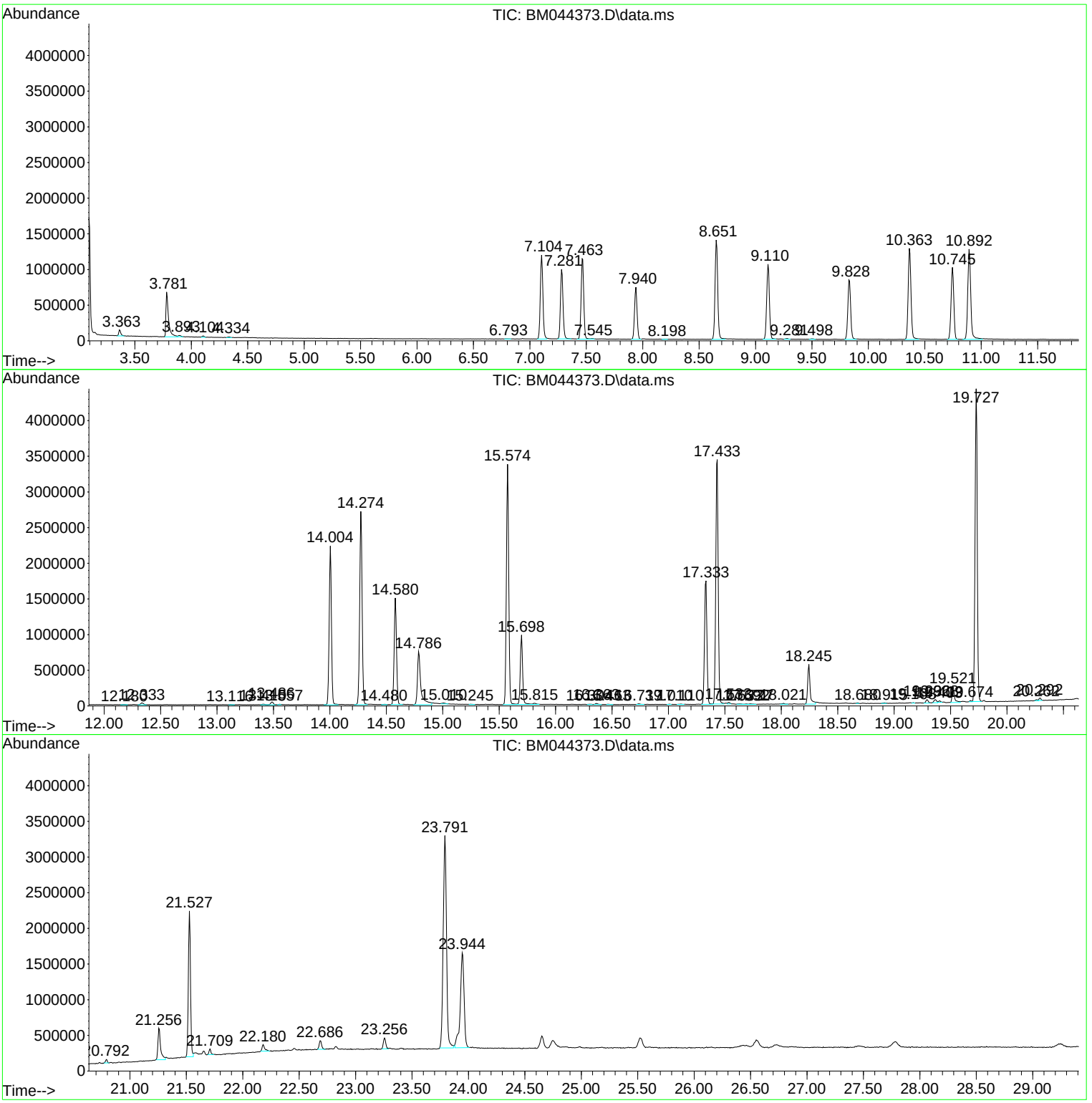
BNA_M
ClientSampleId :
BH9X5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

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



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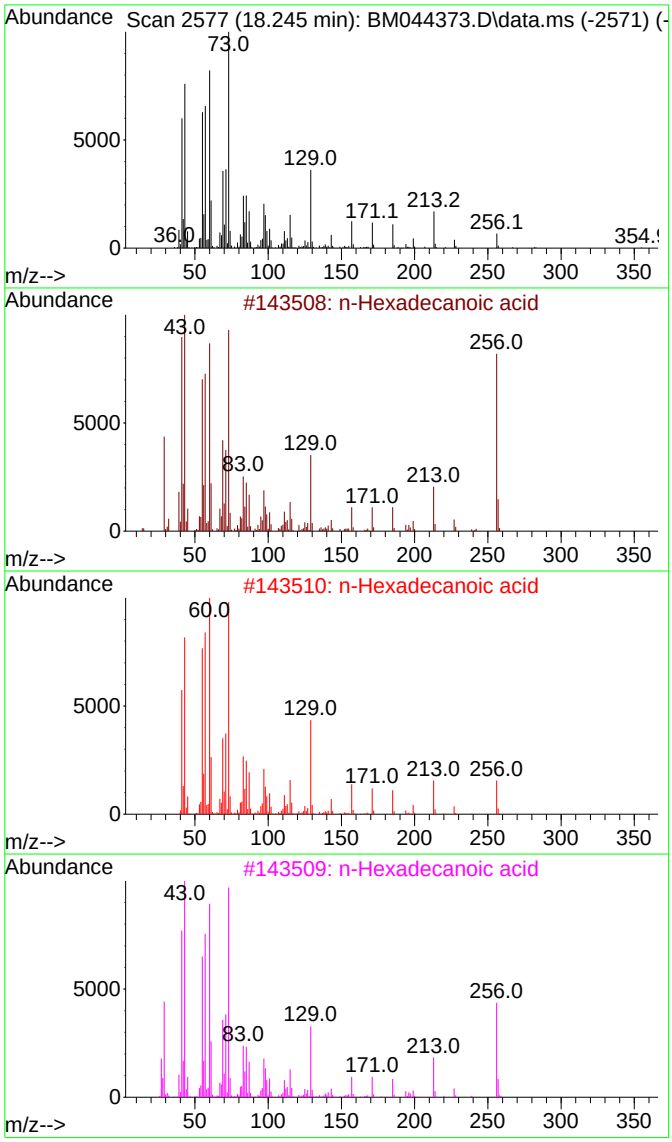
Quant Title : SVOA CALIBRATION

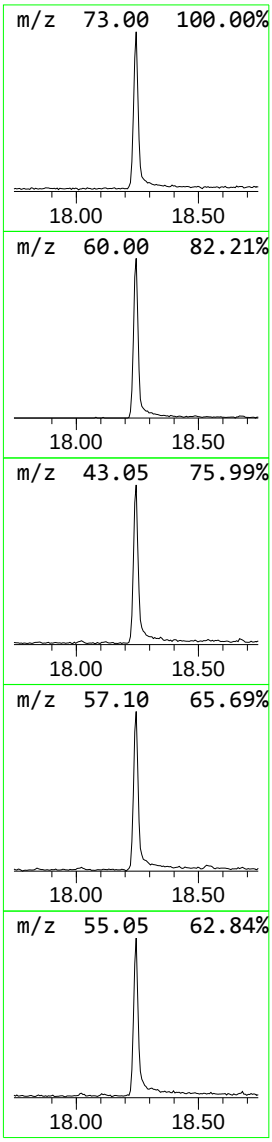
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.245	6.51 ng/ul	820340	Phenanthrene-d10	17.333

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	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	95





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Instrument :
BNA_M
ClientSampleId :
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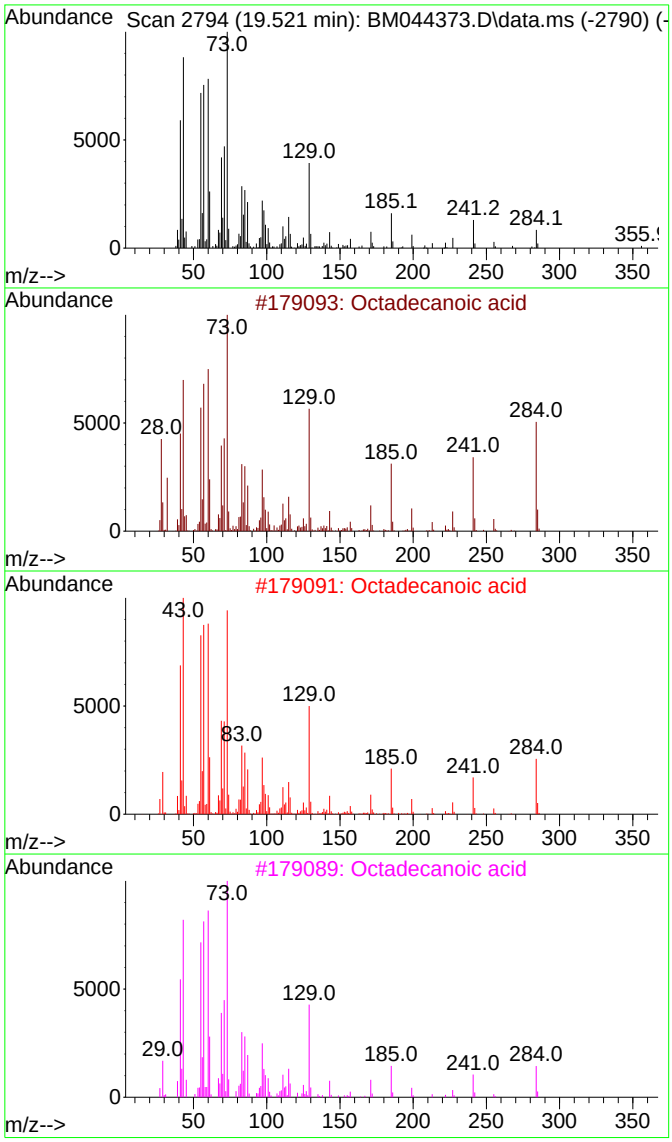
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

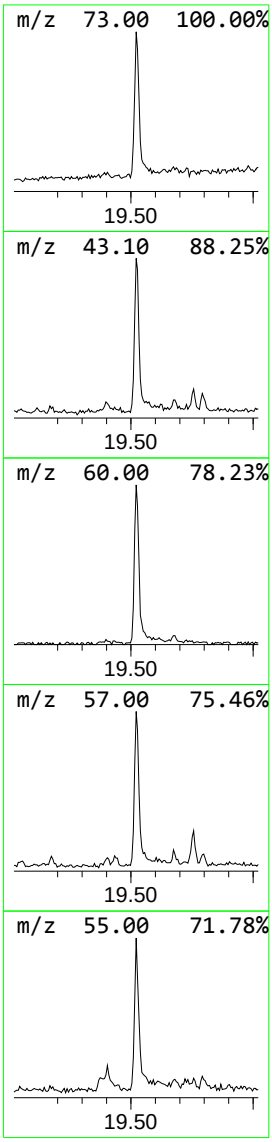
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.521	2.44 ng/ul	322288	Chrysene-d12	21.527

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	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Octadecanoic acid	284	C18H36O2	000057-11-4	96





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Instrument :
BNA_M
ClientSampleId :
BH9X5

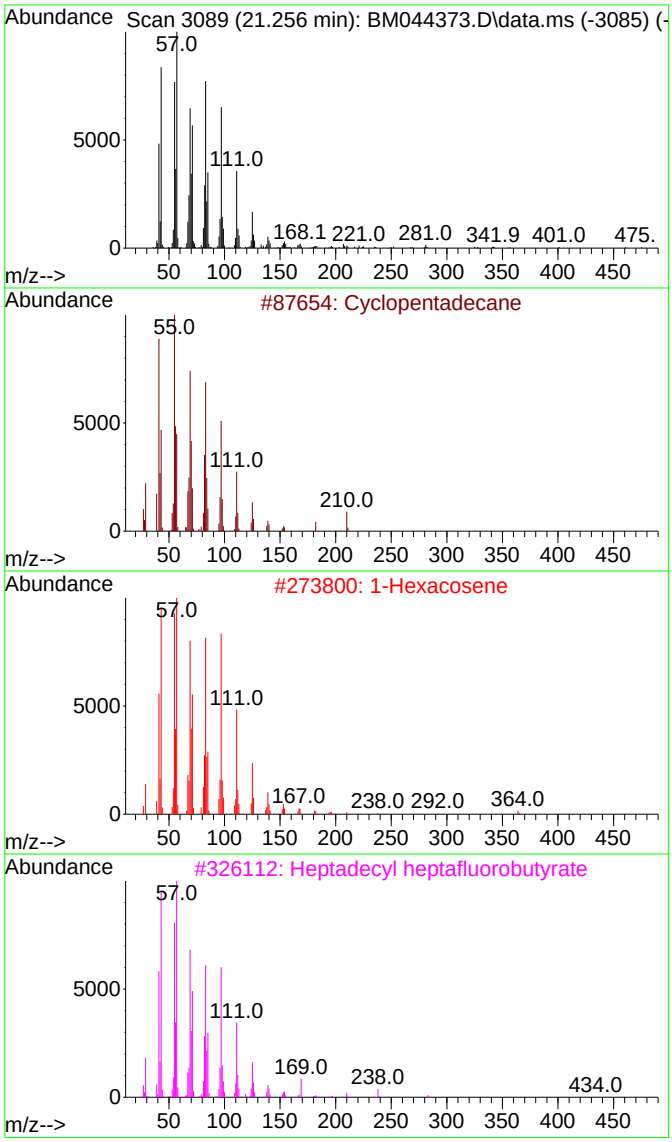
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

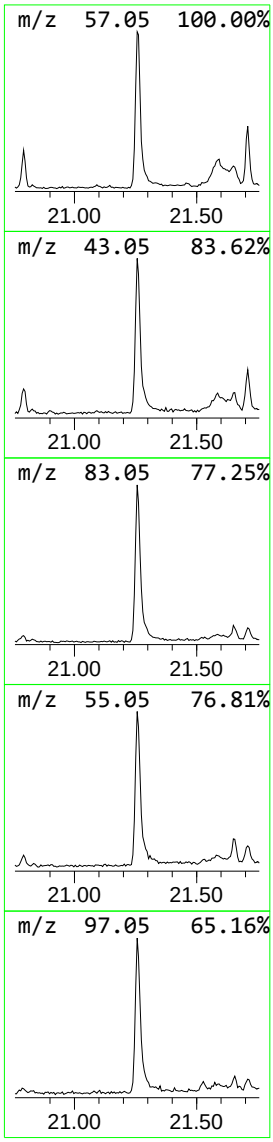
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic21.256 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.256	5.51 ng/ul	725925	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	94
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.245	6.5	ng/ul	820340	4	17.333	2518970	20.0
Octadecanoic acid	19.521	2.4	ng/ul	322288	5	21.527	2636580	20.0
(DEL) Alkane: C...	21.256	5.5	ng/ul	725925	5	21.527	2636580	20.0