LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044329.D
Acq On : 26 Feb 2024 13:15
Operator : MA/JU
Sample : P1442-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9Q6

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: BM044329.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.358	42	46	58	rVB	81777	115962	1.96%	0.191%
2	3.640	91	94	106	rBV	79098	127390	2.15%	0.209%
3	3.770	113	116	134	rBV	912636	1415632	23.94%	2.326%
4	4.093	169	171	175	rVB2	11707	11291	0.19%	0.019%
5	6.016	496	498	503	rVB5	6319	9603	0.16%	0.016%
6	7.087	674	680	695	rVB	991057	1581085	26.74%	2.598%
7	7.269	704	711	724	rBV	890735	1390096	23.51%	2.284%
8	7.452	735	742	751	rBV	1008944	1567751	26.51%	2.576%
9	7.922	816	822	830	rBV	619550	1004875	16.99%	1.651%
10	8.022	836	839	844	rVB5	6068	10552	0.18%	0.017%
11	8.634	936	943	957	rBV	1193273	1934305	32.71%	3.179%
12	9.093	1013	1021	1030	rBV	923189	1587721	26.85%	2.609%
13	9.263	1045	1050	1054	rVB8	7089	10784	0.18%	0.018%
14	9.487	1083	1088	1095	rVB5	9284	16169	0.27%	0.027%
15	9.675	1115	1120	1130	rBV	41457	76347	1.29%	0.125%
16	9.816	1136	1144	1160	rBV	767416	1283917	21.71%	2.110%
17	10.351	1227	1235	1251	rBV	1144787	2008151	33.96%	3.300%
18	10.728	1291	1299	1307	rVB	889913	1472414	24.90%	2.420%
19	10.875	1316	1324	1342	rBV	1120460	2056513	34.78%	3.379%
20	11.310	1394	1398	1401	rVB6	8114	10502	0.18%	0.017%
21	11.493	1423	1429	1437	rBV	48336	102615	1.74%	0.169%
22	12.245	1553	1557	1562	rBV7	5904	12157	0.21%	0.020%
23	12.322	1563	1570	1578	rVB2	22946	42120	0.71%	0.069%
24	13.187	1711	1717	1719	rBV7	3973	6996	0.12%	0.011%
25	13.398	1748	1753	1759	rVB2	15258	23315	0.39%	0.038%
26	13.475	1761	1766	1773	rBV3	18022	30326	0.51%	0.050%
27	13.798	1816	1821	1826	rVB8	2941	6490	0.11%	0.011%
28	13.992	1847	1854	1867	rBV	2206154	3097737	52.39%	5.090%
29	14.263	1890	1900	1914	rBV	2613533	3890423	65.80%	6.393%
30	14.475	1930	1936	1943	rBV8	8005	15617	0.26%	0.026%
31	14.569	1945	1952	1959	rBV	1269672	1865759	31.55%	3.066%
32	14.775	1978	1987	2009	rBV	737261	1558493	26.36%	2.561%
33	14.992	2022	2024	2036	rVB	14976	31615	0.53%	0.052%
34	15.369	2085	2088	2093	rBV5	4914	8721	0.15%	0.014%
35	15.563	2113	2121	2135	rBV	3330140	4842801	81.90%	7.958%
36	15.686	2135	2142	2156	rVV	970480	1391363	23.53%	2.286%

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Integration Parameters: LSCINT.P
Integrator: RTE
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Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Title : SVOA CALIBRATION

37	15.804	2158	2162	2166	rVB3	14443	22266	0.38%	0.037%
38	16.133	2214	2218	2223	rBV7	4425	8472	0.14%	0.014%
39	16.292	2239	2245	2250	rBV8	7738	14615	0.25%	0.024%
40	16.345	2250	2254	2258	rVV3	11426	14660	0.25%	0.024%
41	17.086	2376	2380	2384	rBV5	9370	16650	0.28%	0.027%
42	17.316	2412	2419	2430	rBV	1500264	2200259	37.21%	3.616%
43	17.416	2430	2436	2448	rVV	3393199	4987679	84.35%	8.196%
44	17.522	2448	2454	2459	rVB10	18186	38907	0.66%	0.064%
45	17.616	2468	2470	2477	rVB8	4922	8531	0.14%	0.014%
46	17.716	2484	2487	2493	rBV7	9840	18308	0.31%	0.030%
47	17.839	2503	2508	2511	rBV7	4125	6918	0.12%	0.011%
48	18.010	2533	2537	2542	rVB4	17849	23684	0.40%	0.039%
49	18.233	2569	2575	2585	rBV	424656	651724	11.02%	1.071%
50	18.480	2613	2617	2620	rBV6	4508	7160	0.12%	0.012%
51	18.527	2622	2625	2627	rVV3	9023	10613	0.18%	0.017%
52	18.551	2627	2629	2635	rVB6	9768	17485	0.30%	0.029%
53	18.663	2644	2648	2652	rVB4	31949	38176	0.65%	0.063%
54	18.710	2653	2656	2663	rVB8	10068	15936	0.27%	0.026%
55	19.280	2748	2753	2758	rBV2	46672	64159	1.09%	0.105%
56	19.357	2761	2766	2770	rBV	42284	73916	1.25%	0.121%
57	19.392	2770	2772	2775	rVB3	15880	17800	0.30%	0.029%
58	19.516	2788	2793	2799	rBV	155275	225796	3.82%	0.371%
59	19.716	2821	2827	2836	rBV	4557185	5912905	100.00%	9.716%
60	19.786	2836	2839	2845	rVB7	18448	24730	0.42%	0.041%
61	20.286	2920	2924	2928	rVB	32199	42760	0.72%	0.070%
62	20.780	3005	3008	3012	rBV	46003	53735	0.91%	0.088%
63	21.251	3083	3088	3098	rBV	446590	721386	12.20%	1.185%
64	21.515	3128	3133	3143	rBV2	1695601	2303196	38.95%	3.785%
65	21.698	3161	3164	3169	rBV2	78492	100900	1.71%	0.166%
66	22.168	3241	3244	3252	rBV	86556	149297	2.52%	0.245%
67	23.239	3423	3426	3432	rVB	96526	131559	2.22%	0.216%
68	23.774	3509	3517	3530	rBV2	2846596	5836747	98.71%	9.591%
69	23.927	3537	3543	3554	rVB	1206315	2475747	41.87%	4.068%

Sum of corrected areas: 60854284

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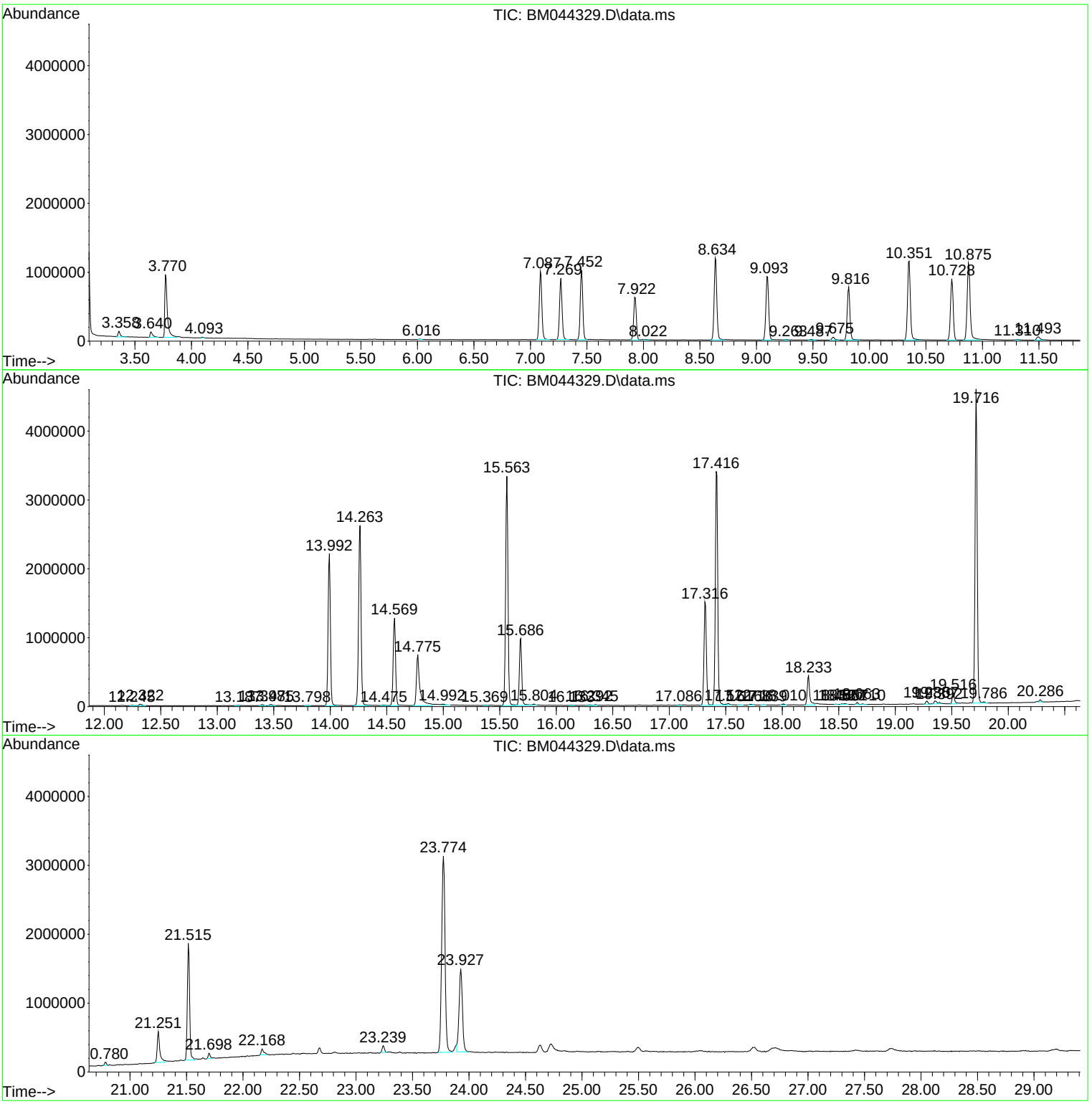
ClientSampleId :
BH9Q6

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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Instrument :
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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

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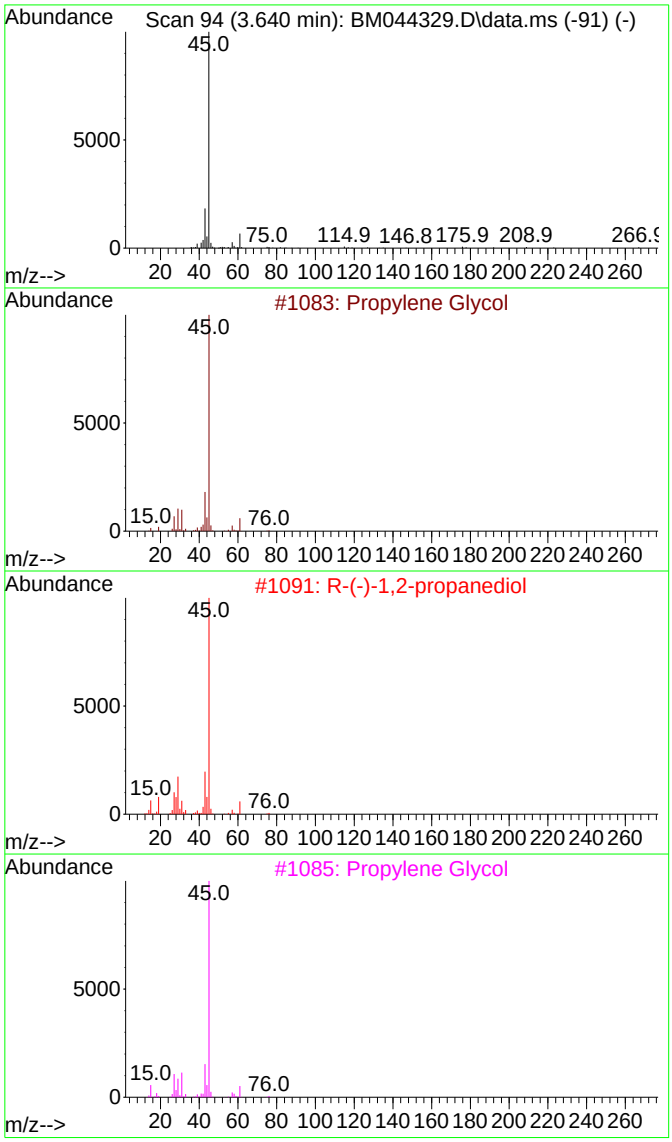
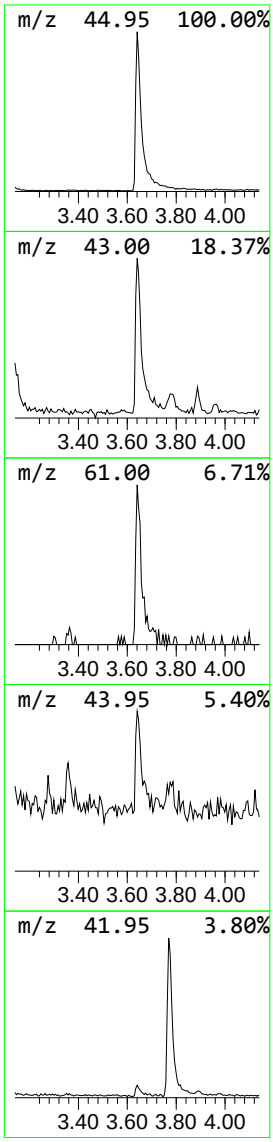
Peak Number 1 Propylene Glycol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.640	2.54 ng/ul	127390	1,4-Dichlorobenzene-d4	7.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	78
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	72
3	Propylene Glycol	76	C3H8O2	000057-55-6	56
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40





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Sample : P1442-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9Q6

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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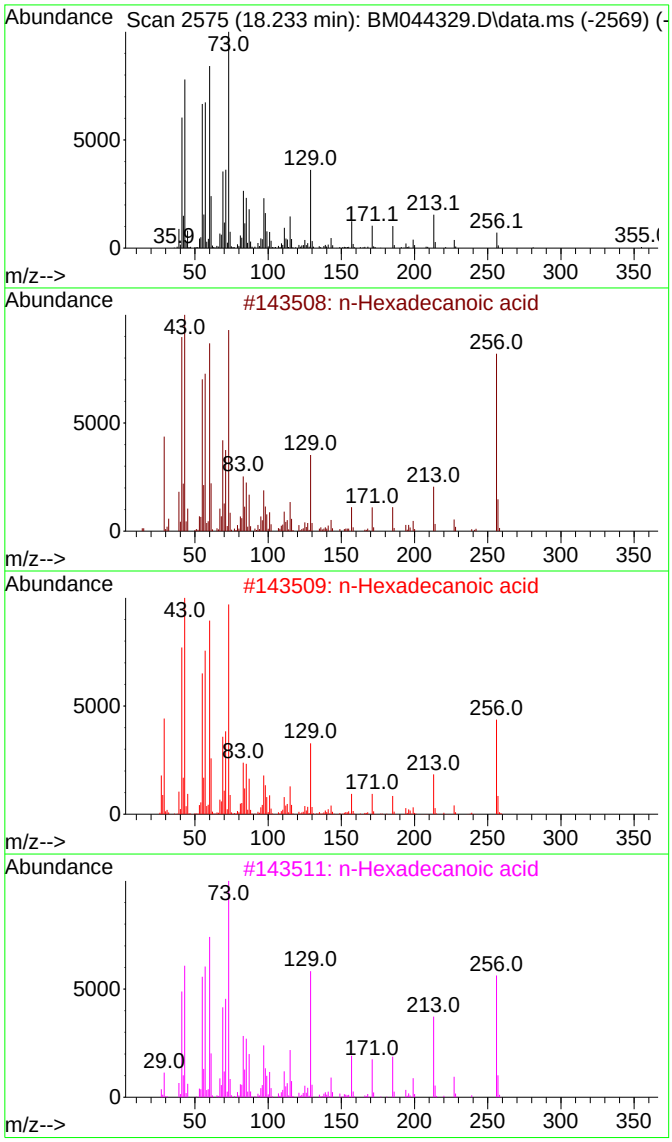
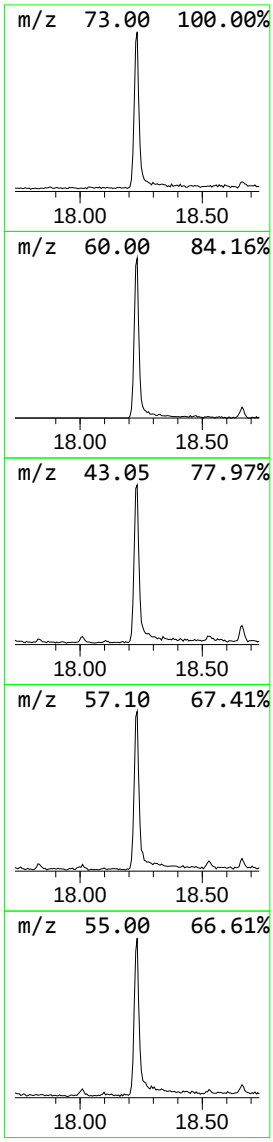
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	5.92 ng/ul	651724	Phenanthrene-d10	17.316

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
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Acq On : 26 Feb 2024 13:15
Operator : MA/JU
Sample : P1442-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9Q6

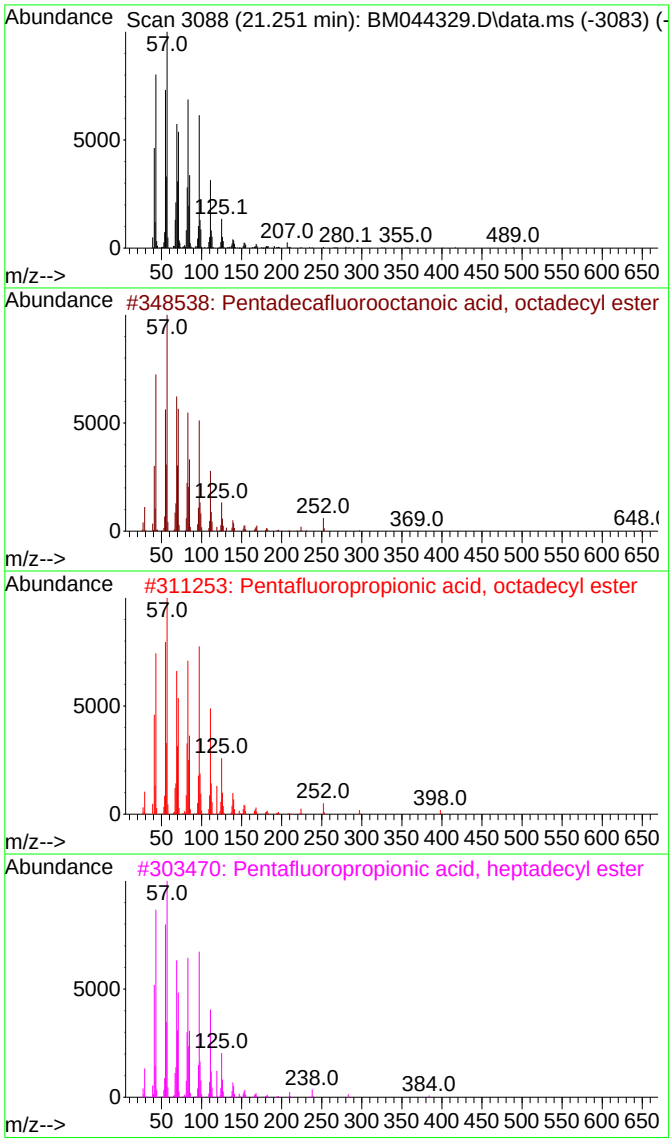
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

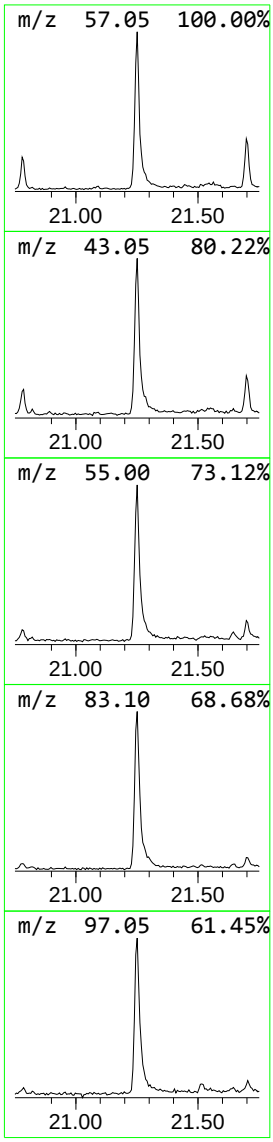
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentadecafluorooctanoic aci... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.251	6.26 ng/ul	721386	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
2	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	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
Propylene Glycol	3.640	2.5	ng/ul	127390	1	7.928	1004880	20.0
n-Hexadecanoic ...	18.233	5.9	ng/ul	651724	4	17.316	2200260	20.0
Pentadecafluoro...	21.251	6.3	ng/ul	721386	5	21.515	2303200	20.0