LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042090.D
Acq On : 9 Aug 2019 6:57
Operator : HP/JU
Sample : K4116-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLD7

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_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.146	5	10	31	rVB	1647739	2589613	100.00%	13.326%
2	3.411	52	55	65	rVB4	10060	16581	0.64%	0.085%
3	3.939	142	145	147	rBV2	2178	2782	0.11%	0.014%
4	4.074	164	168	176	rVB	11851	20646	0.80%	0.106%
5	5.097	337	342	347	rBV4	5710	10157	0.39%	0.052%
6	6.707	610	616	621	rVB4	4181	6699	0.26%	0.034%
7	7.183	689	697	712	rBV	185364	350144	13.52%	1.802%
8	7.341	717	724	735	rBV	136471	246012	9.50%	1.266%
9	7.553	752	760	773	rBV	201208	364419	14.07%	1.875%
10	8.029	834	841	850	rBV	247351	423786	16.36%	2.181%
11	8.734	954	961	973	rBV	218361	403833	15.59%	2.078%
12	8.851	978	981	985	rVB2	2365	3775	0.15%	0.019%
13	9.192	1029	1039	1050	rBV	180427	338435	13.07%	1.742%
14	9.351	1063	1066	1074	rBV3	1327	2687	0.10%	0.014%
15	9.639	1110	1115	1121	rVB2	4141	6094	0.24%	0.031%
16	9.921	1156	1163	1179	rBV	155804	296302	11.44%	1.525%
17	10.467	1249	1256	1269	rBV	260843	512357	19.79%	2.637%
18	10.855	1312	1322	1332	rBV	348784	631666	24.39%	3.251%
19	10.984	1335	1344	1358	rBV	161865	333486	12.88%	1.716%
20	12.441	1588	1592	1600	rBV4	4584	8333	0.32%	0.043%
21	13.293	1733	1737	1741	rVB3	2300	4193	0.16%	0.022%
22	13.516	1771	1775	1777	rBV2	1818	2633	0.10%	0.014%
23	13.605	1787	1790	1795	rVB4	2509	4039	0.16%	0.021%
24	14.086	1865	1872	1876	rBV	509596	761950	29.42%	3.921%
25	14.133	1876	1880	1887	rVV	196204	283348	10.94%	1.458%
26	14.380	1915	1922	1935	rVB	618372	1002015	38.69%	5.156%
27	14.539	1946	1949	1954	rBV4	1647	3531	0.14%	0.018%
28	14.691	1966	1975	1983	rBV	585393	946014	36.53%	4.868%
29	14.879	2000	2007	2019	rBV	119927	240228	9.28%	1.236%
30	15.032	2027	2033	2040	rVV6	5361	10778	0.42%	0.055%
31	15.097	2040	2044	2054	rVB4	12745	22756	0.88%	0.117%
32	15.479	2106	2109	2111	rBV4	4526	5418	0.21%	0.028%
33	15.684	2136	2144	2150	rVV	781562	1251587	48.33%	6.441%
34	15.796	2157	2163	2174	rBV2	106368	173999	6.72%	0.895%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

35	15.919	2180	2184	2189	rBV3	9813	13841	0.53%	0.071%
36	16.160	2223	2225	2228	rBV3	2289	2676	0.10%	0.014%
37	16.254	2236	2241	2242	rBV4	3592	5693	0.22%	0.029%
38	16.266	2242	2243	2245	rBV2	3448	2840	0.11%	0.015%
39	16.395	2262	2265	2268	rBV5	5572	7201	0.28%	0.037%
40	16.460	2274	2276	2280	rVB5	5355	6469	0.25%	0.033%
41	16.577	2294	2296	2297	rBV2	5842	3689	0.14%	0.019%
42	16.748	2323	2325	2326	rBV2	4986	3900	0.15%	0.020%
43	16.942	2356	2358	2359	rBV2	5936	2770	0.11%	0.014%
44	17.030	2368	2373	2377	rBV	16793	27691	1.07%	0.142%
45	17.118	2386	2388	2389	rBV2	5301	2819	0.11%	0.015%
46	17.353	2424	2428	2430	rBV5	6833	12996	0.50%	0.067%
47	17.441	2437	2443	2453	rBV2	698257	1073355	41.45%	5.524%
48	17.541	2453	2460	2465	rBV	804910	1261486	48.71%	6.492%
49	18.334	2591	2595	2602	rBV3	75635	129570	5.00%	0.667%
50	18.616	2640	2643	2647	rBV4	28724	41546	1.60%	0.214%
51	19.827	2843	2849	2859	rBV	1026946	1543991	59.62%	7.945%
52	21.372	3109	3112	3119	rVB2	182574	274599	10.60%	1.413%
53	21.724	3167	3172	3180	rVB	749042	1245612	48.10%	6.410%
54	24.774	3684	3691	3701	rVB	552260	1464592	56.56%	7.537%
55	24.997	3724	3729	3739	rVB2	401901	1024831	39.57%	5.274%

Sum of corrected areas: 19432463

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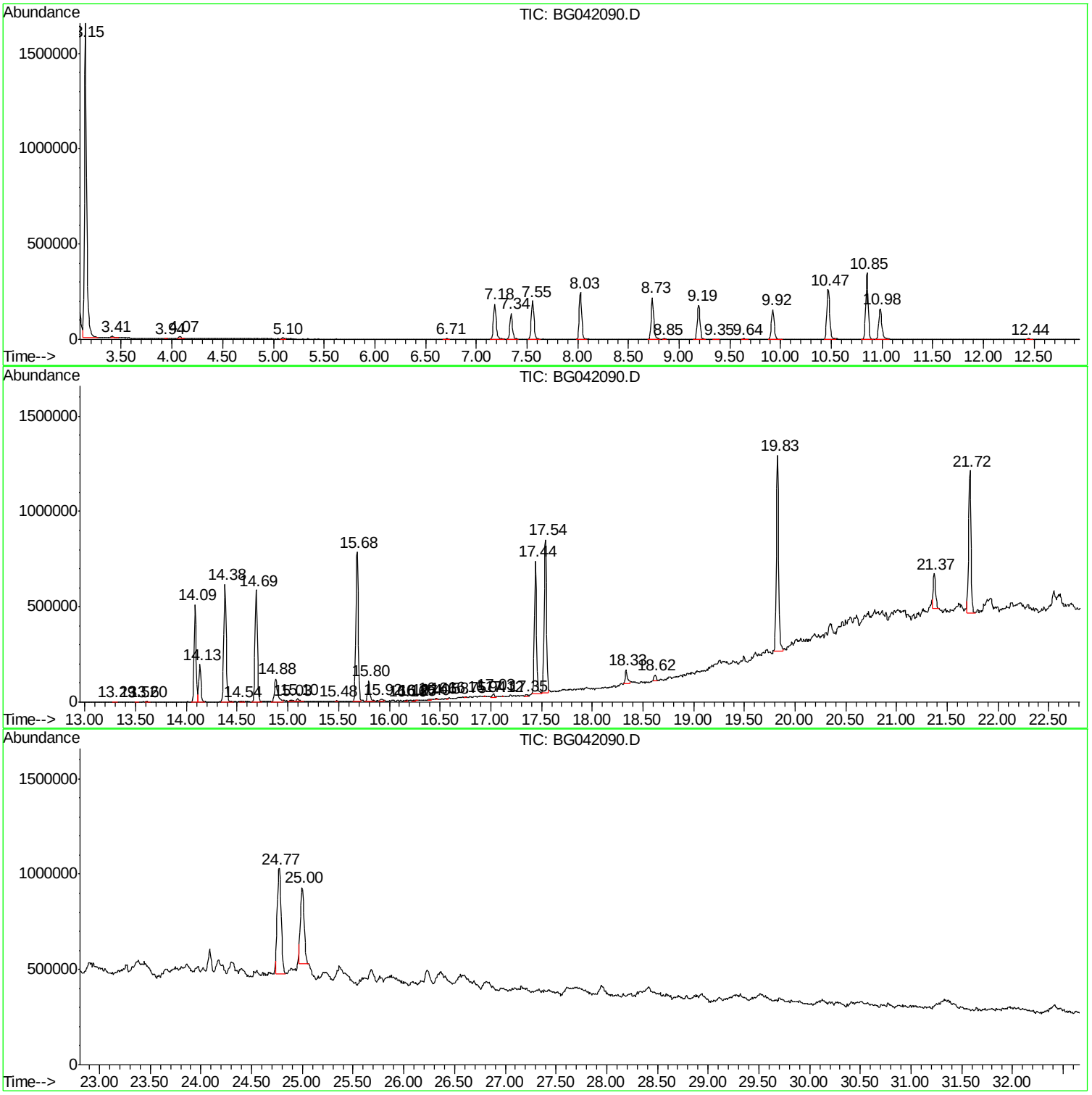
Instrument : BNA_G
ClientSampleId : JLLD7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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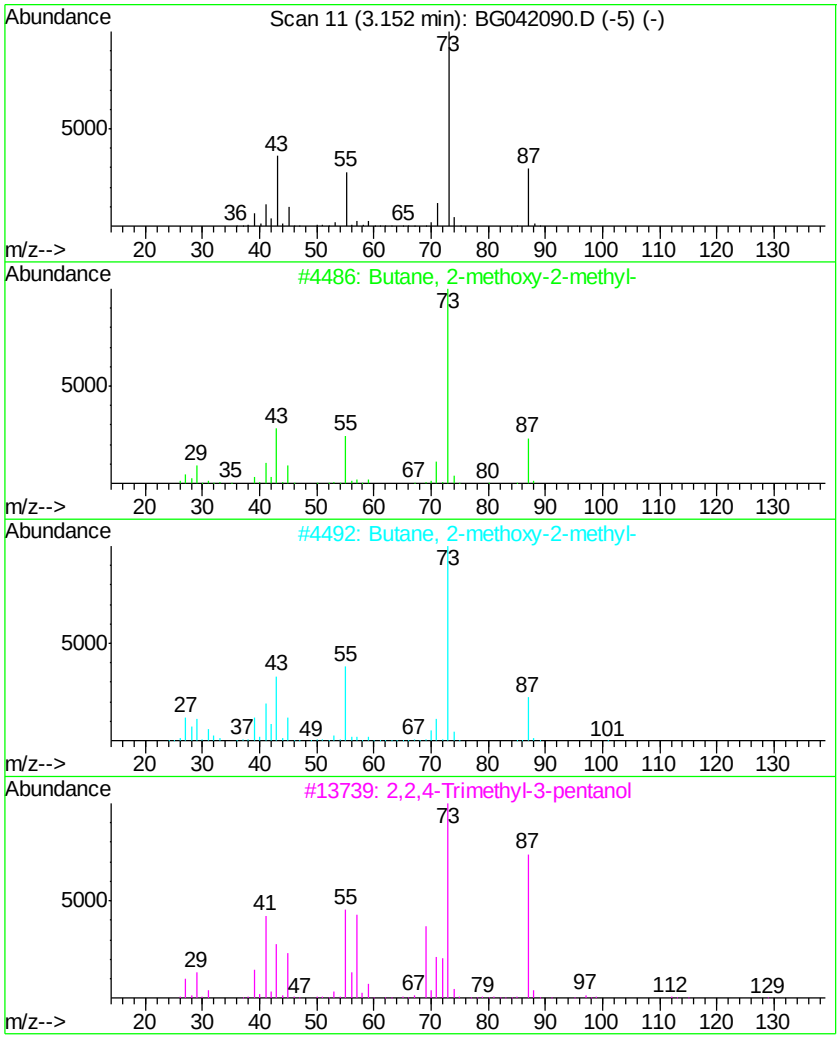
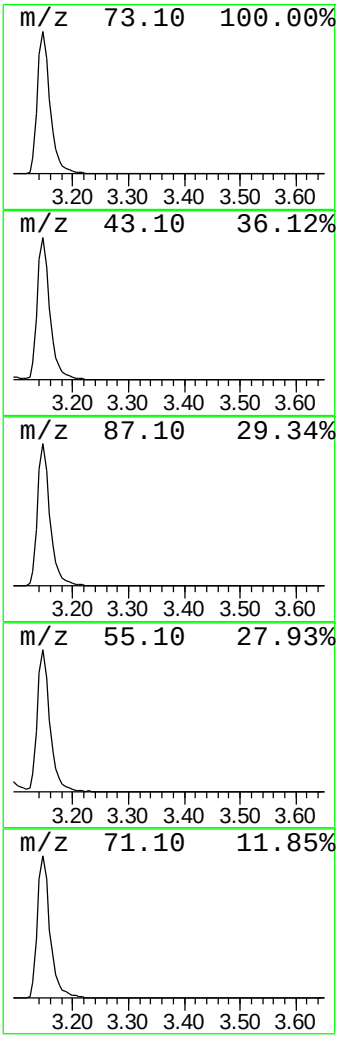
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	122.21 ng/ul	2589610	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Misc :
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Instrument : BNA_G
ClientSampleId : JLLD7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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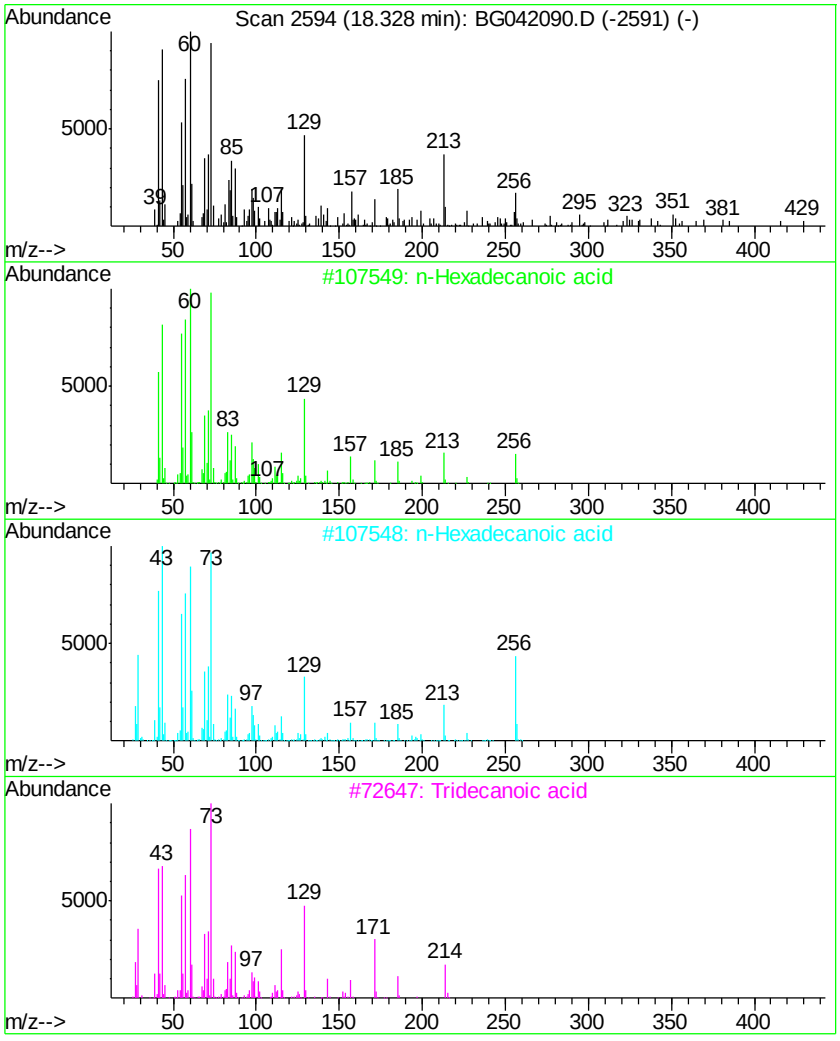
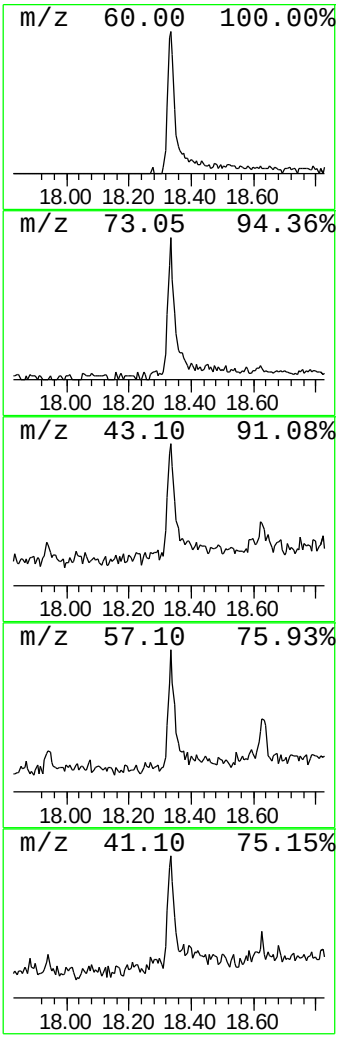
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	2.41 ng/ul	129570	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Octadecanoic acid	284	C18H36O2	000057-11-4	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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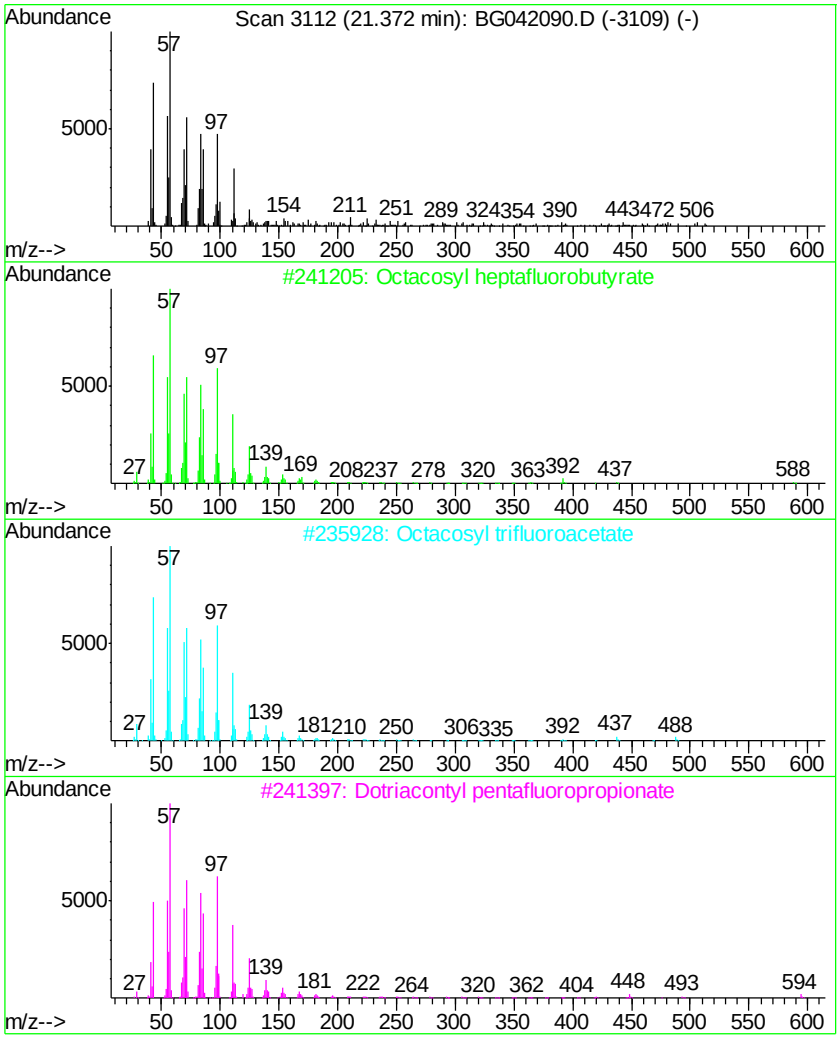
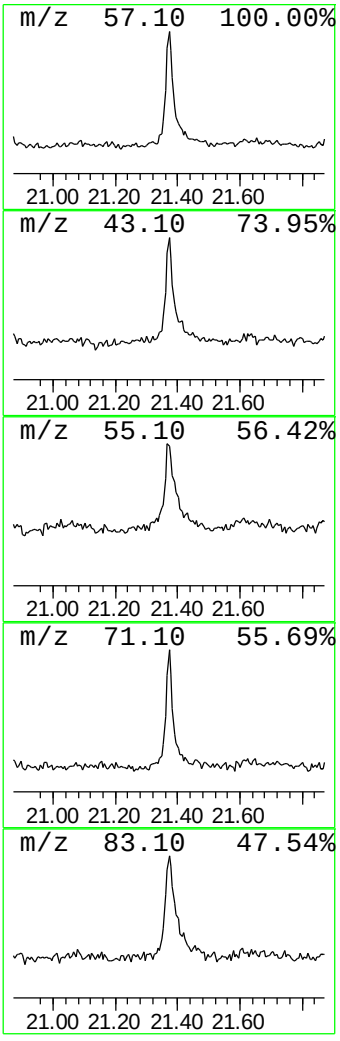
Peak Number 3 Octacosyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	4.41 ng/ul	274599	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	87
2	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	87
3	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	87
4	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	87
5	Triacontyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	86





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
Butane, 2-methoxy...	3.15	122.2	ng/ul	2589610	1	8.03	423786	20.0
n-Hexadecanoic acid	18.33	2.4	ng/ul	129570	4	17.44	1073360	20.0
Octacosyl heptafl...	21.37	4.4	ng/ul	274599	5	21.72	1245610	20.0