LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043130.D
Acq On : 10 Oct 2019 10:20
Operator : JU
Sample : K5097-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLMF0

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-BG100919MA.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	3.159	7	12	21	rBV	88397	172289	9.80%	1.062%
2	3.235	21	25	38	rVB	105883	165865	9.44%	1.022%
3	3.500	66	70	78	rVB3	9795	14367	0.82%	0.089%
4	4.246	193	197	202	rBV5	2675	4726	0.27%	0.029%
5	7.225	696	704	721	rBV2	133468	339215	19.30%	2.091%
6	7.378	724	730	740	rVV	108573	210800	11.99%	1.299%
7	7.519	753	754	759	rBV4	2222	2515	0.14%	0.016%
8	7.589	759	766	777	rBV	161912	318288	18.11%	1.962%
9	8.053	838	845	854	rBV	140387	262088	14.91%	1.615%
10	8.764	958	966	985	rBV	180526	407766	23.20%	2.513%
11	9.217	1033	1043	1057	rBV	160082	329861	18.76%	2.033%
12	9.646	1111	1116	1121	rVB3	4656	7267	0.41%	0.045%
13	9.939	1159	1166	1179	rBV	143660	291000	16.55%	1.794%
14	10.486	1251	1259	1271	rBV	182351	413881	23.54%	2.551%
15	10.856	1315	1322	1332	rBV	206515	388163	22.08%	2.392%
16	10.991	1338	1345	1367	rBV	159881	413831	23.54%	2.551%
17	12.454	1586	1594	1595	rBV3	2150	3919	0.22%	0.024%
18	13.559	1781	1782	1787	rVB	1809	2322	0.13%	0.014%
19	14.076	1864	1870	1875	rBV	525242	819082	46.59%	5.049%
20	14.123	1875	1878	1890	rVB	156438	246249	14.01%	1.518%
21	14.369	1913	1920	1934	rBV	563108	952838	54.20%	5.873%
22	14.675	1966	1972	1982	rBV2	380693	626788	35.65%	3.863%
23	14.892	2002	2009	2020	rBV4	54367	190160	10.82%	1.172%
24	15.521	2112	2116	2119	rBV3	2621	3704	0.21%	0.023%
25	15.668	2133	2141	2154	rBV	721482	1217769	69.27%	7.506%
26	15.780	2154	2160	2171	rVB	156533	274326	15.60%	1.691%
27	15.903	2179	2181	2190	rVB3	8864	14654	0.83%	0.090%
28	16.449	2271	2274	2279	rBV3	3988	5038	0.29%	0.031%
29	16.655	2306	2309	2314	rBV4	2720	4253	0.24%	0.026%
30	17.066	2377	2379	2382	rBV2	1978	2434	0.14%	0.015%
31	17.102	2382	2385	2387	rBV2	2121	2743	0.16%	0.017%
32	17.419	2433	2439	2449	rBV2	526458	847497	48.21%	5.224%
33	17.519	2450	2456	2467	rVV	820883	1345521	76.54%	8.293%
34	18.312	2586	2591	2596	rBV7	22348	52326	2.98%	0.323%

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Integrator: RTE
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Title : SVOA CALIBRATION

35	18.471	2614	2618	2619	rBV3	1936	2292	0.13%	0.014%
36	18.523	2626	2627	2633	rBV5	2111	2537	0.14%	0.016%
37	18.729	2659	2662	2665	rVB5	4330	5628	0.32%	0.035%
38	18.882	2683	2688	2689	rBV5	3002	4603	0.26%	0.028%
39	19.228	2745	2747	2749	rVB3	5034	2626	0.15%	0.016%
40	19.281	2753	2756	2758	rVB4	3189	3083	0.18%	0.019%
41	19.317	2758	2762	2765	rVB4	2583	3607	0.21%	0.022%
42	19.440	2778	2783	2788	rBV3	10780	16542	0.94%	0.102%
43	19.693	2823	2826	2830	rVB2	9755	12028	0.68%	0.074%
44	19.804	2839	2845	2861	rBV2	1146461	1733202	98.59%	10.683%
45	20.498	2961	2963	2964	rBV2	5662	4339	0.25%	0.027%
46	20.827	3017	3019	3023	rVB5	12155	10736	0.61%	0.066%
47	21.332	3101	3105	3110	rBV2	61995	109122	6.21%	0.673%
48	21.579	3143	3147	3153	rVB4	23678	36098	2.05%	0.222%
49	21.690	3159	3166	3178	rBV	561645	1011410	57.53%	6.234%
50	23.377	3449	3453	3460	rVB2	32758	56744	3.23%	0.350%
51	24.687	3665	3676	3691	rBV	637996	1757966	100.00%	10.835%
52	24.904	3704	3713	3725	rVB	352074	1098119	62.47%	6.768%

Sum of corrected areas: 16224227

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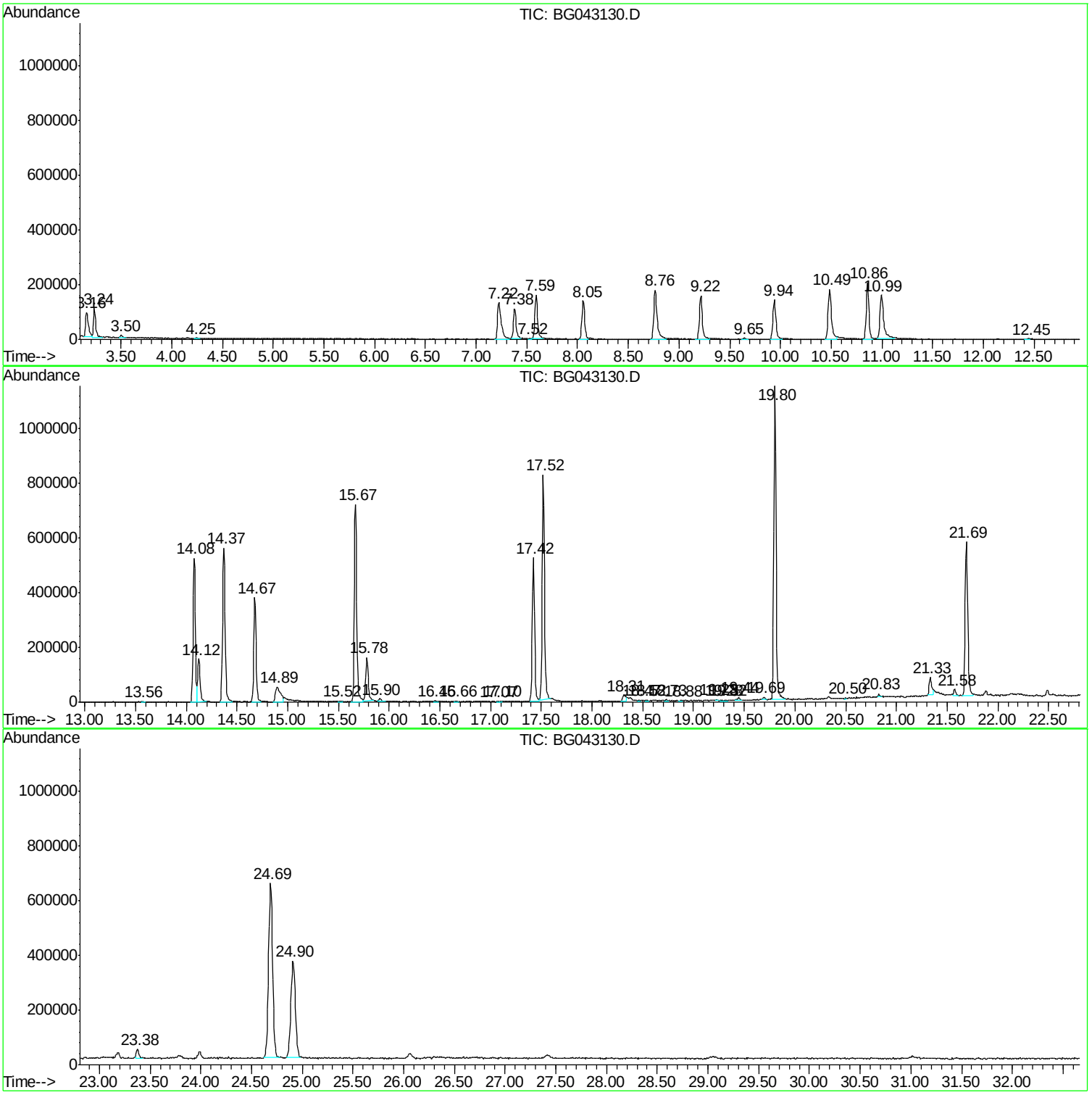
Instrument : BNA_G
ClientSampleId : JLMF0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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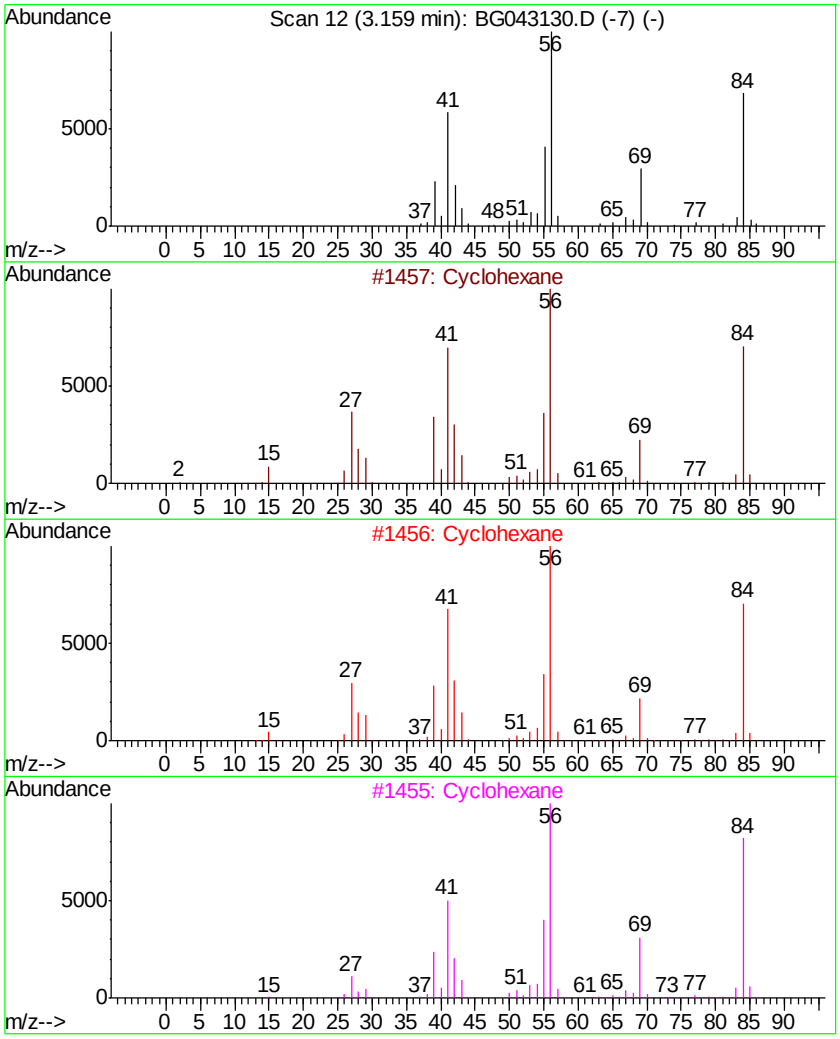
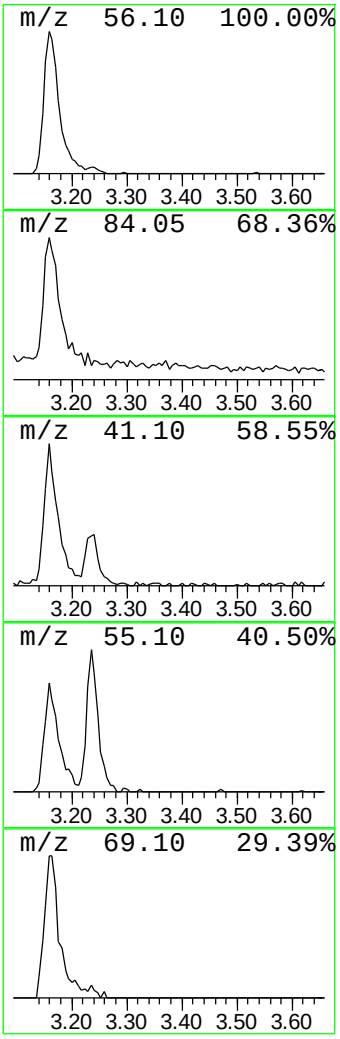
Peak Number 1 (DEL) Alkane: Cyclic3.16 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	13.15 ng/ul	172289	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclohexane	84	C6H12	000110-82-7	91
3	Cyclohexane	84	C6H12	000110-82-7	91
4	Cyclohexane	84	C6H12	000110-82-7	87
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80





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Instrument : BNA_G
ClientSampleId : JLMF0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

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

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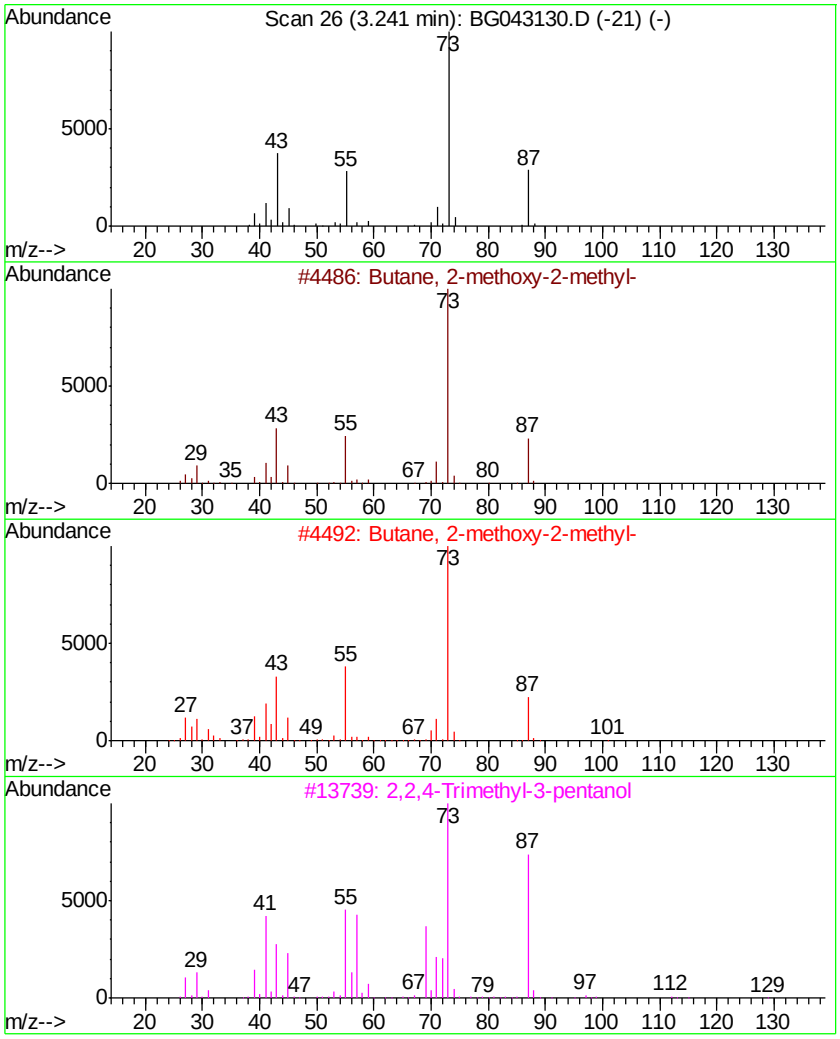
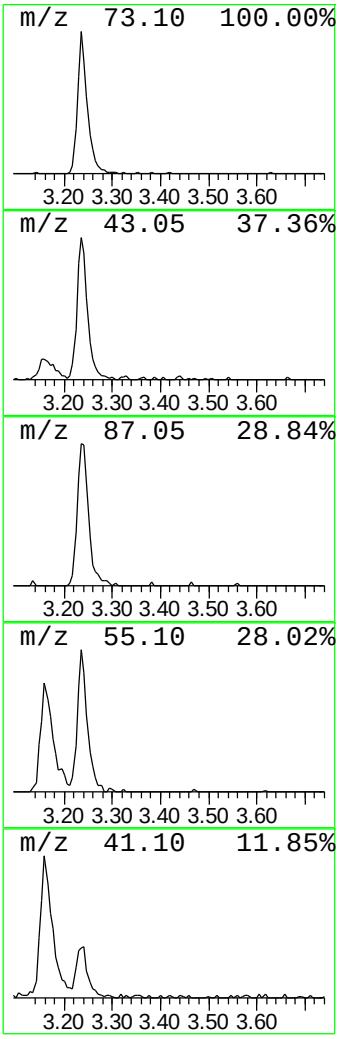
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	12.66 ng/ul	165865	1,4-Dichlorobenzene-d4	8.05

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	56
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

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

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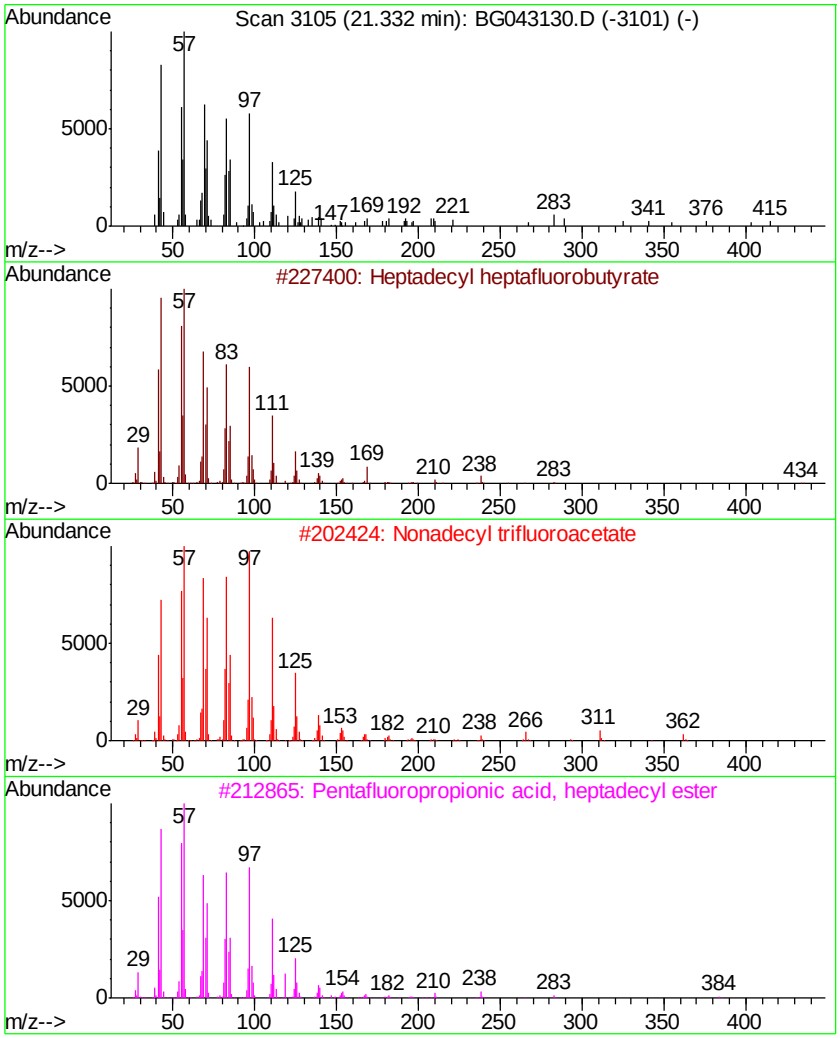
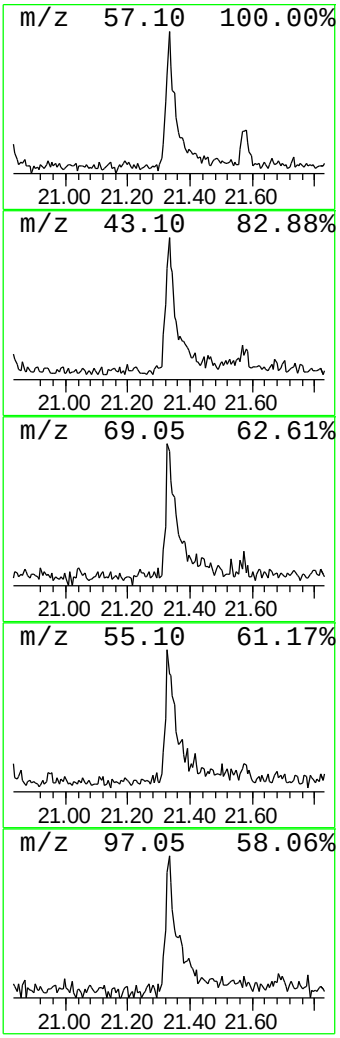
Peak Number 3 Heptadecyl heptafluorobutyrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	2.16 ng/ul	109122	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87
2	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	87
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	87
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	87





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	3.16	13.2	ng/ul	172289	1	8.05	262088	20.0
Butane, 2-methoxy...	3.24	12.7	ng/ul	165865	1	8.05	262088	20.0
Heptadecyl heptaf...	21.33	2.2	ng/ul	109122	5	21.69	1011410	20.0