LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049272.D
Acq On : 10 Jul 2021 19:06
Operator : CG/JU
Sample : M2914-05
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBK45

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\SFAM-EPA-BG070921.M
Title : SVOA CALIBRATION

Signal : TIC: BG049272.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.117	8	13	22	rBV	111579	214327	16.72%	2.069%
2	3.193	22	26	35	rVB2	52394	84197	6.57%	0.813%
3	3.463	69	72	77	rVB3	6091	9192	0.72%	0.089%
4	3.792	126	128	132	rBV2	2043	2269	0.18%	0.022%
5	3.851	136	138	141	rBV4	1524	2087	0.16%	0.020%
6	3.892	142	145	153	rBV2	21310	42690	3.33%	0.412%
7	4.221	197	201	206	rBV2	2399	3931	0.31%	0.038%
8	4.333	218	220	227	rVB4	1780	2596	0.20%	0.025%
9	4.633	269	271	275	rVB3	1735	1721	0.13%	0.017%
10	6.078	512	517	523	rVB4	1043	2181	0.17%	0.021%
11	7.224	704	712	723	rVB2	33989	60859	4.75%	0.588%
12	7.394	734	741	749	rBV	82656	148656	11.59%	1.435%
13	7.600	770	776	785	rVB2	105879	189906	14.81%	1.833%
14	8.076	849	857	863	rBV	96515	172362	13.44%	1.664%
15	8.293	890	894	896	rBV2	1961	2551	0.20%	0.025%
16	8.616	946	949	951	rBV	1619	1889	0.15%	0.018%
17	8.775	968	976	983	rBV	86346	157825	12.31%	1.524%
18	9.239	1048	1055	1064	rBV	135851	248871	19.41%	2.402%
19	9.968	1171	1179	1189	rVB	116518	212339	16.56%	2.050%
20	10.508	1264	1271	1280	rBV	160520	288314	22.49%	2.783%
21	10.655	1291	1296	1304	rBV4	11673	22731	1.77%	0.219%
22	10.896	1328	1337	1344	rBV	129690	237368	18.51%	2.291%
23	11.025	1351	1359	1369	rBV	139404	259271	20.22%	2.503%
24	11.272	1398	1401	1404	rVB	1166	1681	0.13%	0.016%
25	12.206	1557	1560	1564	rBV2	890	1696	0.13%	0.016%
26	12.482	1602	1607	1611	rVB3	2940	4885	0.38%	0.047%
27	13.463	1770	1774	1776	rBV2	2102	1827	0.14%	0.018%
28	13.552	1787	1789	1794	rVB3	2661	3146	0.25%	0.030%
29	14.116	1877	1885	1894	rBV	373940	541861	42.26%	5.231%
30	14.409	1929	1935	1942	rVB	352293	561072	43.76%	5.416%
31	14.603	1965	1968	1973	rVB3	2142	2692	0.21%	0.026%
32	14.715	1979	1987	1994	rBV	203956	341180	26.61%	3.294%
33	14.909	2015	2020	2030	rBV3	37604	73976	5.77%	0.714%
34	15.561	2128	2131	2132	rVB2	2203	1721	0.13%	0.017%
35	15.708	2150	2156	2164	rBV	471485	753506	58.77%	7.274%
36	15.820	2169	2175	2184	rBV	248714	371805	29.00%	3.589%

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Misc :
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Instrument : BNA_G
ClientSampleId : DBK45

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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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Title : SVOA CALIBRATION

37	15.949	2193	2197	2203	rVB3	5948	9187	0.72%	0.089%
38	16.055	2212	2215	2218	rVB2	1795	1733	0.14%	0.017%
39	16.389	2267	2272	2275	rBV5	2320	3736	0.29%	0.036%
40	16.495	2286	2290	2293	rVB4	3999	4765	0.37%	0.046%
41	16.595	2304	2307	2309	rBV3	2125	2331	0.18%	0.023%
42	16.701	2320	2325	2329	rVB3	4361	6867	0.54%	0.066%
43	16.854	2342	2351	2354	rBV3	7327	11984	0.93%	0.116%
44	16.918	2359	2362	2365	rBV2	2760	3233	0.25%	0.031%
45	16.995	2374	2375	2378	rVB3	3037	1722	0.13%	0.017%
46	17.206	2409	2411	2416	rVB4	2950	3279	0.26%	0.032%
47	17.271	2418	2422	2428	rVB5	2821	4322	0.34%	0.042%
48	17.371	2434	2439	2442	rBV3	2296	3288	0.26%	0.032%
49	17.429	2444	2449	2450	rBV2	1412	1868	0.15%	0.018%
50	17.465	2450	2455	2462	rVV	288674	454018	35.41%	4.383%
51	17.565	2462	2472	2482	rVV	653388	1041712	81.25%	10.056%
52	17.993	2543	2545	2549	rBV4	2140	2983	0.23%	0.029%
53	18.058	2553	2556	2558	rBV4	1953	1898	0.15%	0.018%
54	18.123	2563	2567	2571	rVB3	4906	7425	0.58%	0.072%
55	18.176	2573	2576	2579	rBV3	1301	2180	0.17%	0.021%
56	18.258	2584	2590	2594	rBV5	5081	10114	0.79%	0.098%
57	18.346	2600	2605	2612	rBV4	23674	38243	2.98%	0.369%
58	18.416	2615	2617	2622	rVB2	5308	7992	0.62%	0.077%
59	18.640	2653	2655	2658	rBV2	2318	2241	0.17%	0.022%
60	18.863	2691	2693	2697	rVB3	3267	3593	0.28%	0.035%
61	19.092	2729	2732	2733	rBV3	2185	2368	0.18%	0.023%
62	19.110	2733	2735	2739	rVV4	5609	6571	0.51%	0.063%
63	19.204	2747	2751	2754	rBV4	7690	10378	0.81%	0.100%
64	19.263	2759	2761	2763	rVV2	3952	4648	0.36%	0.045%
65	19.298	2765	2767	2771	rVB3	3278	2867	0.22%	0.028%
66	19.415	2785	2787	2790	rVB3	2242	2210	0.17%	0.021%
67	19.486	2795	2799	2802	rBV2	8810	13288	1.04%	0.128%
68	19.615	2819	2821	2825	rBV4	4716	5869	0.46%	0.057%
69	19.738	2840	2842	2847	rVB	6986	8092	0.63%	0.078%
70	19.856	2855	2862	2868	rBV	862587	1282155	100.00%	12.377%
71	20.079	2898	2900	2902	rBV3	1902	1972	0.15%	0.019%
72	20.726	3008	3010	3012	rVB2	3757	2757	0.22%	0.027%
73	21.389	3119	3123	3131	rBV2	17667	55151	4.30%	0.532%
74	21.548	3148	3150	3152	rBV3	3941	3839	0.30%	0.037%
75	21.754	3178	3185	3192	rBV2	298399	502375	39.18%	4.850%
76	21.865	3201	3204	3205	rBV3	6168	5212	0.41%	0.050%

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Title : SVOA CALIBRATION

77	22.882	3376	3377	3379	rBV2	4809	2900	0.23%	0.028%
78	24.092	3581	3583	3590	rVB3	11912	20419	1.59%	0.197%
79	24.821	3697	3707	3718	rVB	439956	1229922	95.93%	11.873%
80	25.044	3736	3745	3757	rVB2	172823	530646	41.39%	5.123%
81	29.539	4508	4510	4511	rBV	4234	2887	0.23%	0.028%
82	32.612	5031	5033	5034	rBV2	4533	2490	0.19%	0.024%

Sum of corrected areas: 10358911

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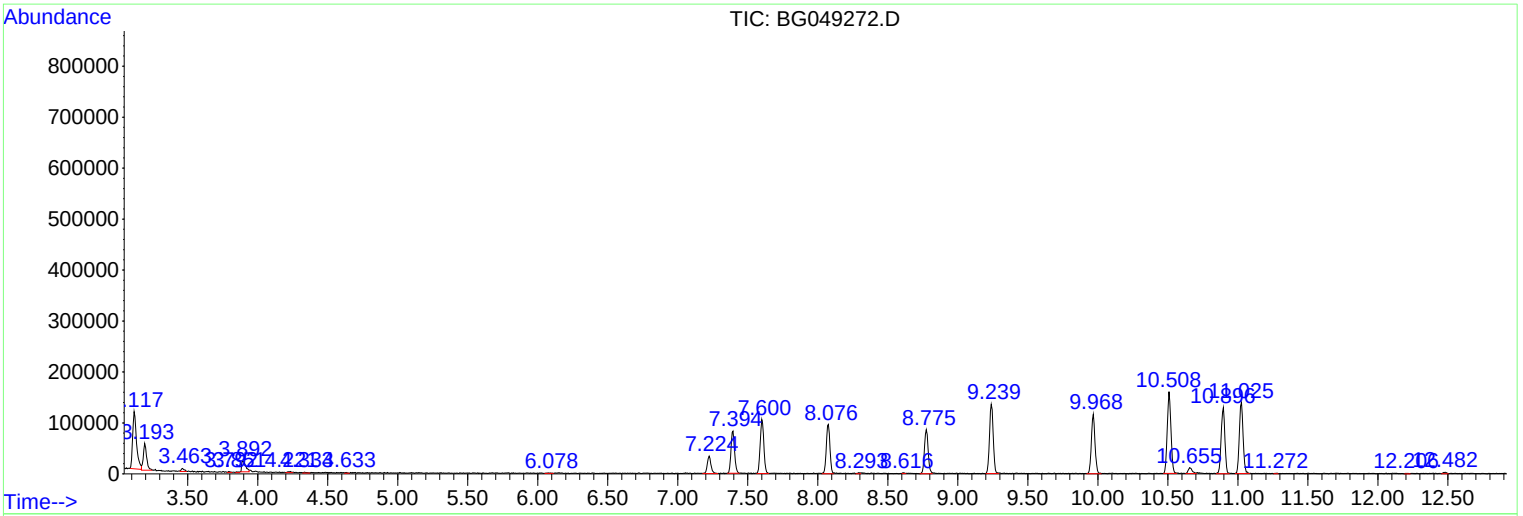
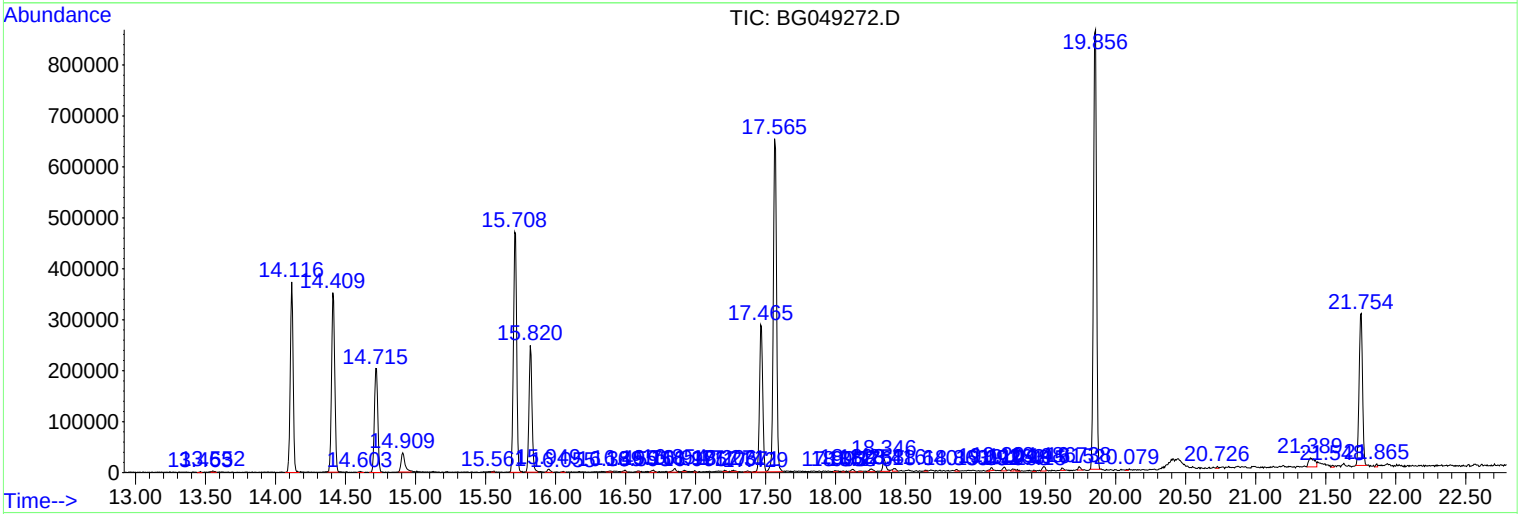
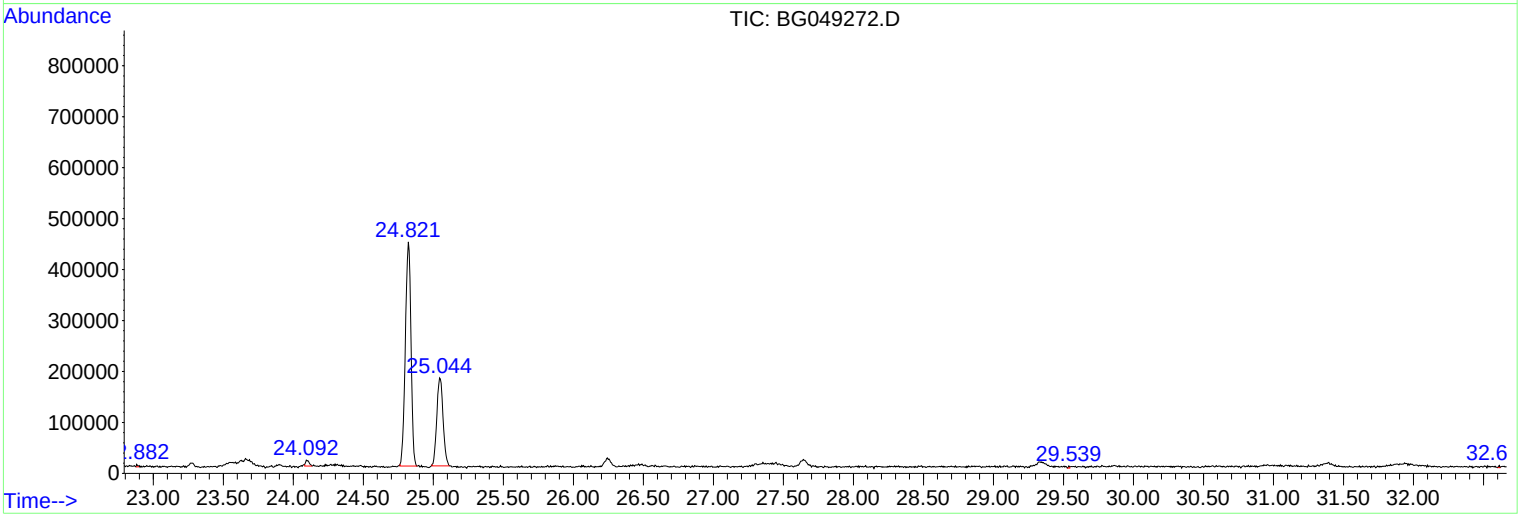
BNA_G
ClientSampleId :
DBK45

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

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







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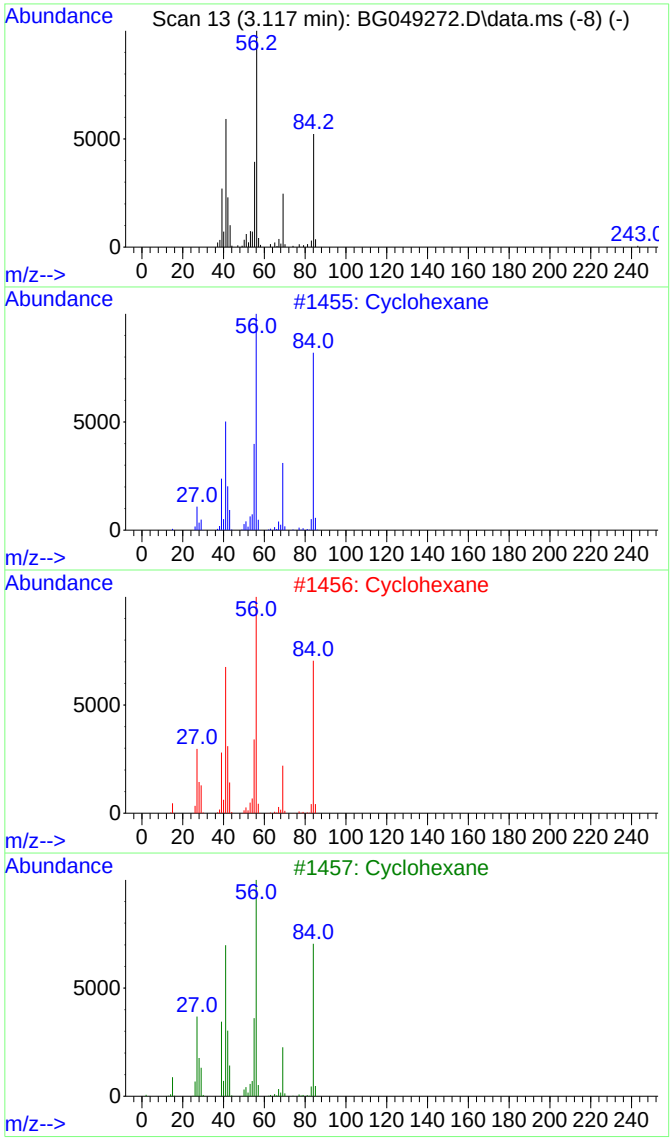
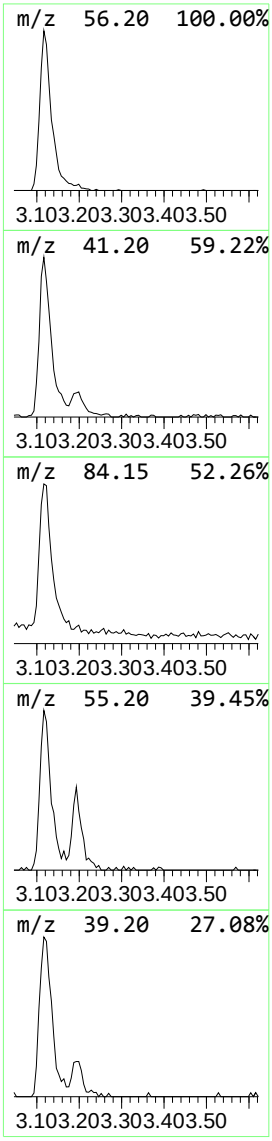
****
Peak Number 1 (DEL) Alkane: Cyclic3.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.120	24.87 ng/ul	214327	1,4-Dichlorobenzene-d4	8.070

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	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	87
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72





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Instrument : BNA_G
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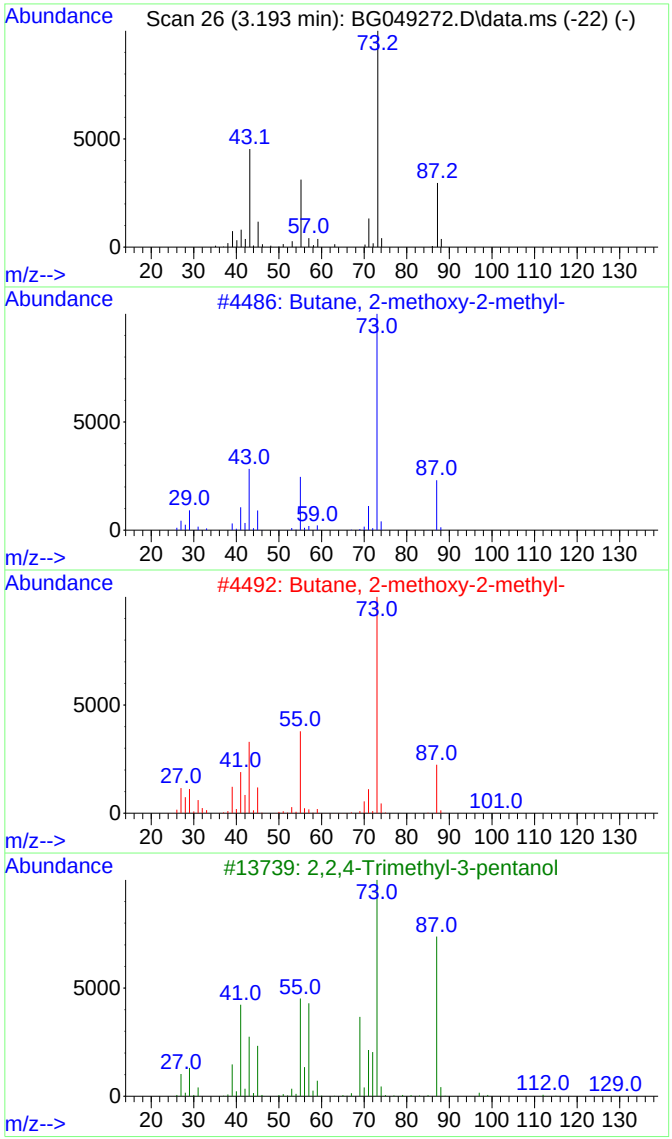
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

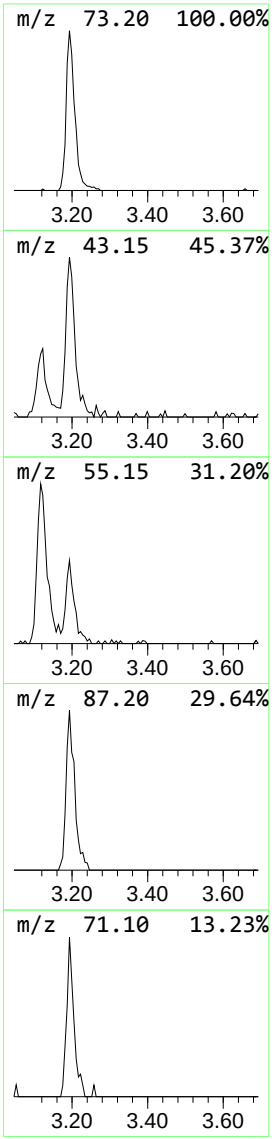
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.190	9.77 ng/ul	84197	1,4-Dichlorobenzene-d4	8.070

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	40
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	25
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	23
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	17





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Quant Title : SVOA CALIBRATION

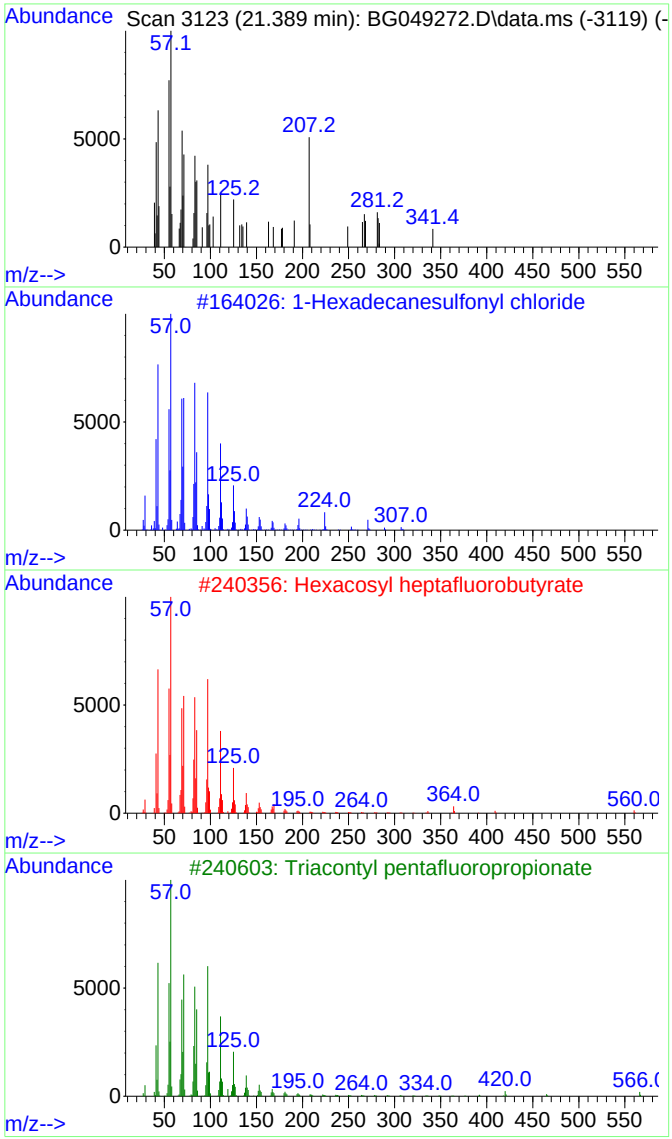
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

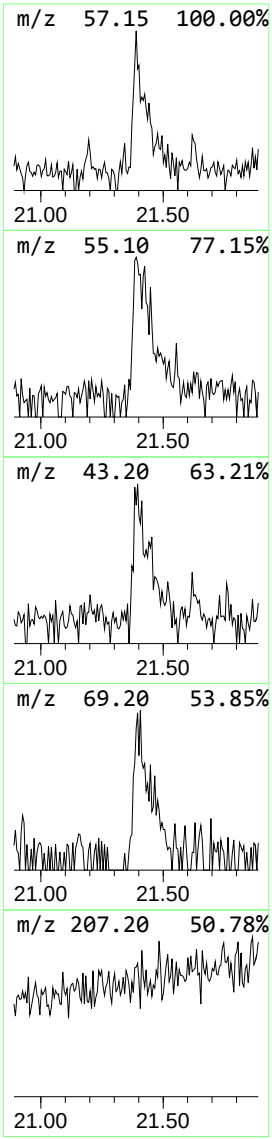
****

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.390	2.20 ng/ul	55151	Chrysene-d12	21.754

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	25
2	Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	25
3	Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	25
4	Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	25
5	Tetracosyl pentafluoropropionate	500	C27H49F5O2	1000351-81-3	25





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
(DEL) Alkane: C...	3.120	24.9	ng/ul	214327	1	8.070	172362	20.0
Butane, 2-metho...	3.190	9.8	ng/ul	84197	1	8.070	172362	20.0
unknown-01	21.390	2.2	ng/ul	55151	5	21.754	502375	20.0