LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042056.D
Acq On : 8 Aug 2019 7:41
Operator : HP/JU
Sample : K4116-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLE9

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	3.144	4	9	28	rVB	1412123	2263124	100.00%	12.514%
2	3.409	50	54	62	rVB3	6681	11657	0.52%	0.064%
3	3.937	140	144	146	rBV5	2023	2436	0.11%	0.013%
4	4.078	163	168	174	rVB3	10099	17512	0.77%	0.097%
5	4.172	180	184	188	rBV4	2850	4625	0.20%	0.026%
6	5.095	336	341	348	rBV4	3989	6941	0.31%	0.038%
7	7.175	687	695	712	rBV2	122887	262402	11.59%	1.451%
8	7.345	715	724	737	rBV	89584	164762	7.28%	0.911%
9	7.551	752	759	770	rVB	129312	236338	10.44%	1.307%
10	8.027	832	840	848	rBV	244652	429513	18.98%	2.375%
11	8.732	951	960	974	rBV	150168	294409	13.01%	1.628%
12	9.190	1030	1038	1049	rBV	121004	219525	9.70%	1.214%
13	9.637	1111	1114	1119	rBV2	2145	3080	0.14%	0.017%
14	9.925	1156	1163	1175	rBV	100050	189162	8.36%	1.046%
15	10.465	1247	1255	1269	rBV	167791	326481	14.43%	1.805%
16	10.553	1269	1270	1278	rVB4	1737	2676	0.12%	0.015%
17	10.847	1312	1320	1329	rBV	352240	649689	28.71%	3.592%
18	10.982	1335	1343	1358	rBV	128353	282332	12.48%	1.561%
19	12.445	1587	1592	1599	rVB3	2449	5946	0.26%	0.033%
20	13.297	1729	1737	1741	rBV4	2056	3962	0.18%	0.022%
21	14.084	1865	1871	1876	rBV	356189	545436	24.10%	3.016%
22	14.131	1876	1879	1888	rVB	95848	133627	5.90%	0.739%
23	14.378	1910	1921	1936	rBV	432035	682806	30.17%	3.776%
24	14.684	1966	1973	1981	rBV	621963	986267	43.58%	5.454%
25	14.872	1999	2005	2015	rBV	69309	150830	6.66%	0.834%
26	15.101	2040	2044	2051	rVB4	9086	13371	0.59%	0.074%
27	15.477	2102	2108	2110	rBV3	1694	2414	0.11%	0.013%
28	15.541	2115	2119	2123	rVB4	2294	2858	0.13%	0.016%
29	15.677	2135	2142	2156	rBV	565703	875593	38.69%	4.842%
30	15.794	2156	2162	2171	rBV	103387	164232	7.26%	0.908%
31	15.923	2179	2184	2190	rVB6	5026	8441	0.37%	0.047%
32	16.464	2273	2276	2281	rVB5	2180	3683	0.16%	0.020%
33	16.681	2309	2313	2316	rBV2	1515	2744	0.12%	0.015%
34	16.858	2337	2343	2345	rBV3	2220	3606	0.16%	0.020%

LSC Area Percent Report

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Misc :
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Instrument : BNA_G
ClientSampleId : JLLE9

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

35	17.198	2396	2401	2403	rBV2	2169	3329	0.15%	0.018%
36	17.222	2403	2405	2409	rVB2	2639	2954	0.13%	0.016%
37	17.439	2435	2442	2451	rBV2	777389	1220202	53.92%	6.747%
38	17.539	2452	2459	2470	rVV	630166	961277	42.48%	5.315%
39	17.627	2473	2474	2478	rVB3	2466	2317	0.10%	0.013%
40	17.827	2501	2508	2512	rBV5	2965	5640	0.25%	0.031%
41	17.933	2522	2526	2530	rBV5	1616	3134	0.14%	0.017%
42	18.056	2544	2547	2551	rBV3	2075	2295	0.10%	0.013%
43	18.209	2568	2573	2577	rBV4	3516	6295	0.28%	0.035%
44	18.332	2589	2594	2603	rBV2	38226	83176	3.68%	0.460%
45	18.397	2603	2605	2608	rVB4	4912	5295	0.23%	0.029%
46	18.632	2643	2645	2650	rVB4	3424	5368	0.24%	0.030%
47	18.708	2655	2658	2661	rVV3	3894	4869	0.22%	0.027%
48	18.885	2683	2688	2692	rBV5	2165	4466	0.20%	0.025%
49	19.261	2748	2752	2757	rVB4	6819	9155	0.40%	0.051%
50	19.413	2776	2778	2782	rBV5	1933	2425	0.11%	0.013%
51	19.460	2782	2786	2788	rBV2	10393	13592	0.60%	0.075%
52	19.549	2798	2801	2804	rBV5	3350	4647	0.21%	0.026%
53	19.607	2807	2811	2816	rBV6	7649	16194	0.72%	0.090%
54	19.713	2826	2829	2834	rVB2	5035	6631	0.29%	0.037%
55	19.760	2834	2837	2839	rVB3	2523	2375	0.10%	0.013%
56	19.825	2842	2848	2858	rVV	854319	1212475	53.58%	6.704%
57	19.954	2868	2870	2873	rVB3	4783	5161	0.23%	0.029%
58	20.201	2909	2912	2915	rBV5	3082	4167	0.18%	0.023%
59	20.330	2931	2934	2935	rBV3	5791	5327	0.24%	0.029%
60	20.359	2936	2939	2945	rVB2	15299	21447	0.95%	0.119%
61	20.859	3021	3024	3029	rVB6	11711	16615	0.73%	0.092%
62	21.117	3066	3068	3070	rBV3	3503	3572	0.16%	0.020%
63	21.364	3105	3110	3124	rBV	126375	276013	12.20%	1.526%
64	21.722	3163	3171	3181	rBV	824661	1419431	62.72%	7.849%
65	21.928	3203	3206	3210	rVB3	17439	23136	1.02%	0.128%
66	22.545	3305	3311	3317	rBV3	76253	153818	6.80%	0.851%
67	22.786	3349	3352	3359	rVB4	17663	27668	1.22%	0.153%
68	23.256	3428	3432	3439	rVB3	33640	63040	2.79%	0.349%
69	23.450	3459	3465	3473	rVB2	52023	100889	4.46%	0.558%
70	23.608	3487	3492	3499	rVB8	23576	49034	2.17%	0.271%
71	24.084	3564	3573	3578	rBV2	85347	193992	8.57%	1.073%

LSC Area Percent Report

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Instrument : BNA_G
ClientSampleId : JLLE9

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

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Peak separation: 5

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

72	24.149	3579	3584	3593	rVV9	23928	72039	3.18%	0.398%
73	24.760	3677	3688	3704	rVB	438547	1249504	55.21%	6.909%
74	24.983	3715	3726	3736	rBV2	494570	1510204	66.73%	8.351%
75	25.583	3821	3828	3838	rVB2	21055	64984	2.87%	0.359%
76	26.217	3929	3936	3944	rVB3	36169	98606	4.36%	0.545%
77	26.329	3951	3955	3956	rBV4	16836	19823	0.88%	0.110%
78	27.140	4091	4093	4095	rBV3	4267	3761	0.17%	0.021%
79	27.610	4167	4173	4183	rVB5	22594	65903	2.91%	0.364%
80	28.403	4302	4308	4309	rBV6	15605	27074	1.20%	0.150%
81	29.090	4418	4425	4435	rVB6	20686	74088	3.27%	0.410%
82	30.424	4650	4652	4653	rBV2	5246	4707	0.21%	0.026%

Sum of corrected areas: 18084594

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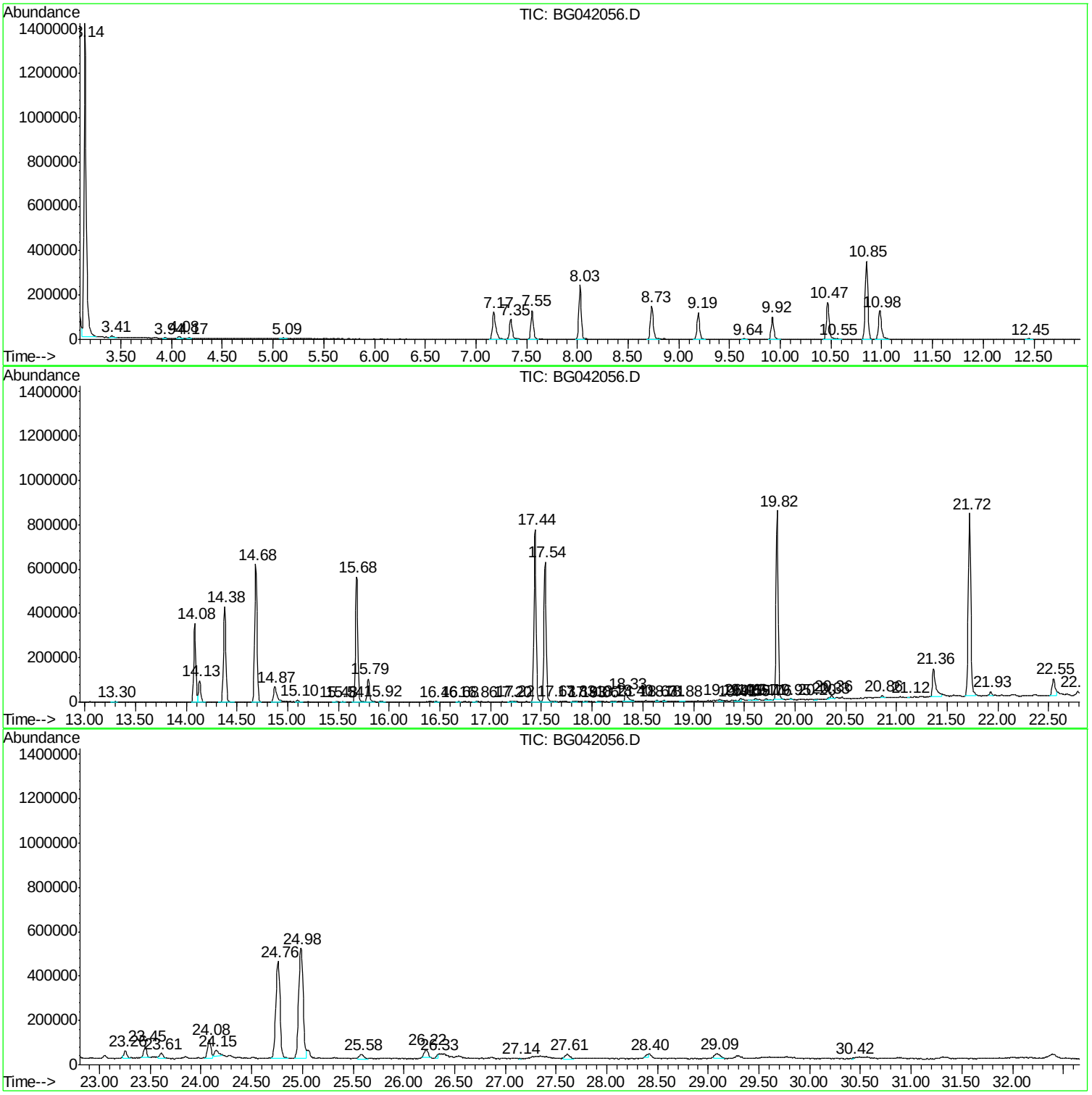
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

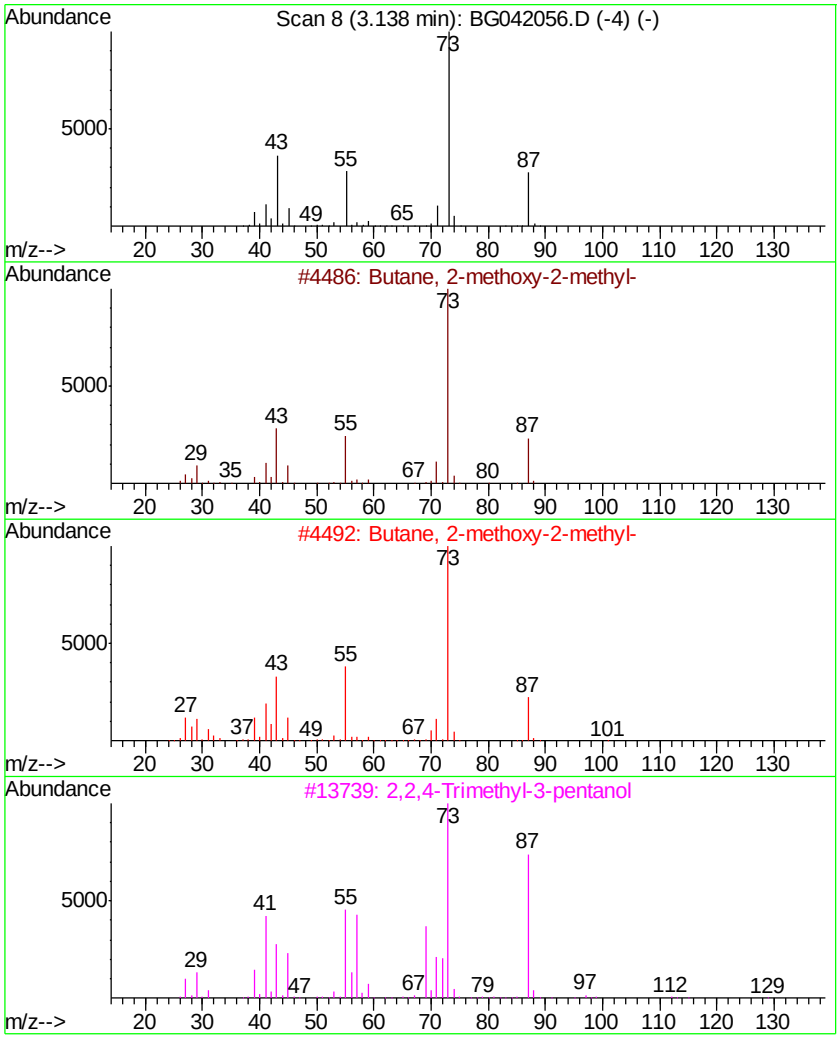
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

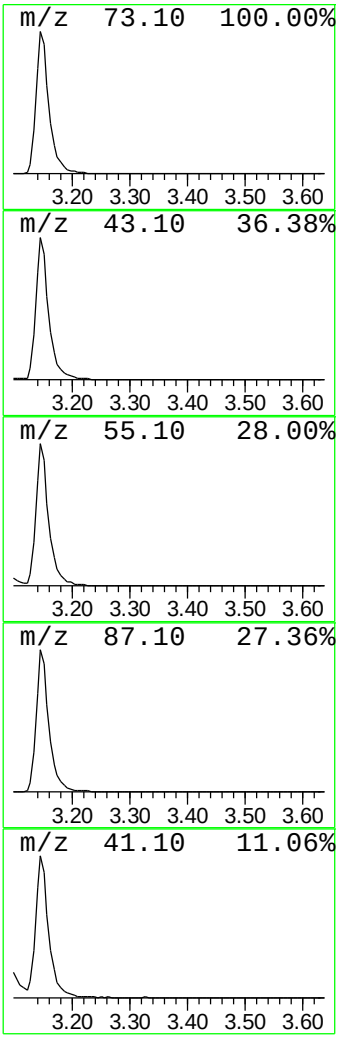
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	105.38 ng/ul	2263120	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	59
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22





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Instrument : BNA_G
ClientSampleId : JLLE9

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

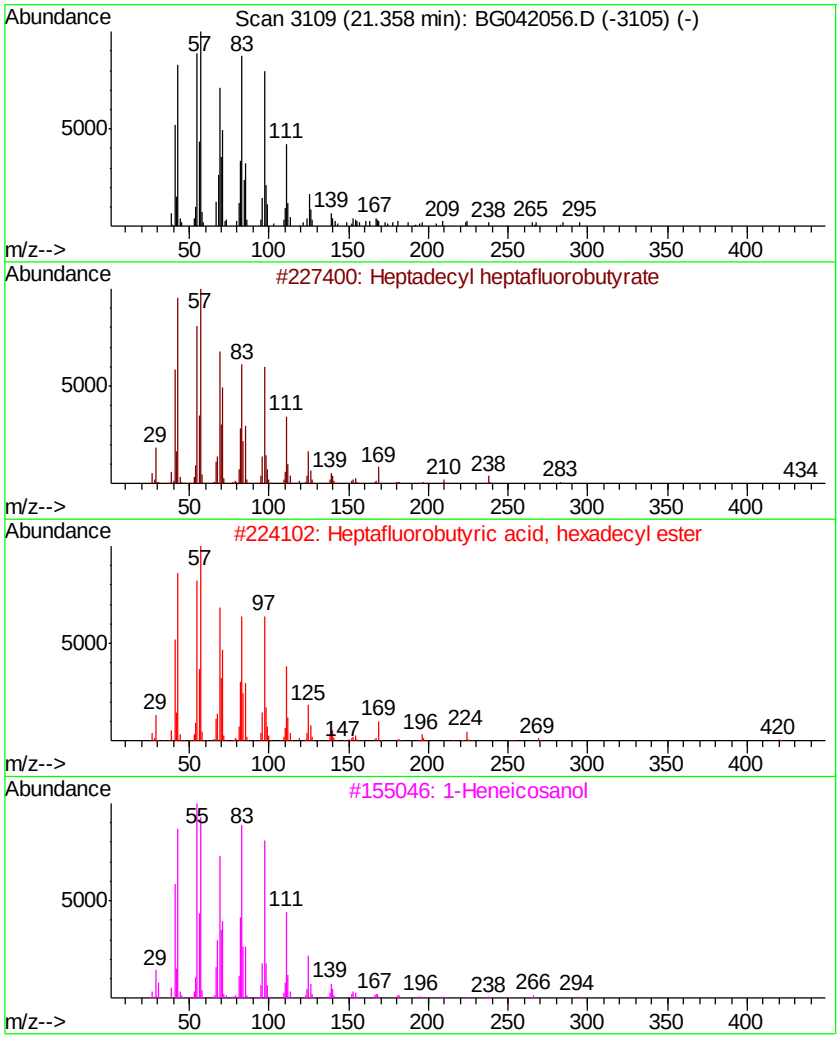
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

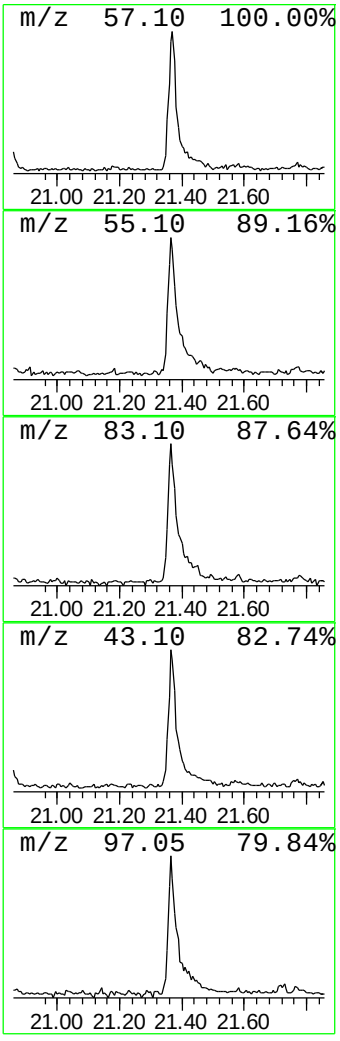
****

Peak Number 2 Heptadecyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	3.89 ng/ul	276013	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91





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ClientSampleId : JLLE9

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

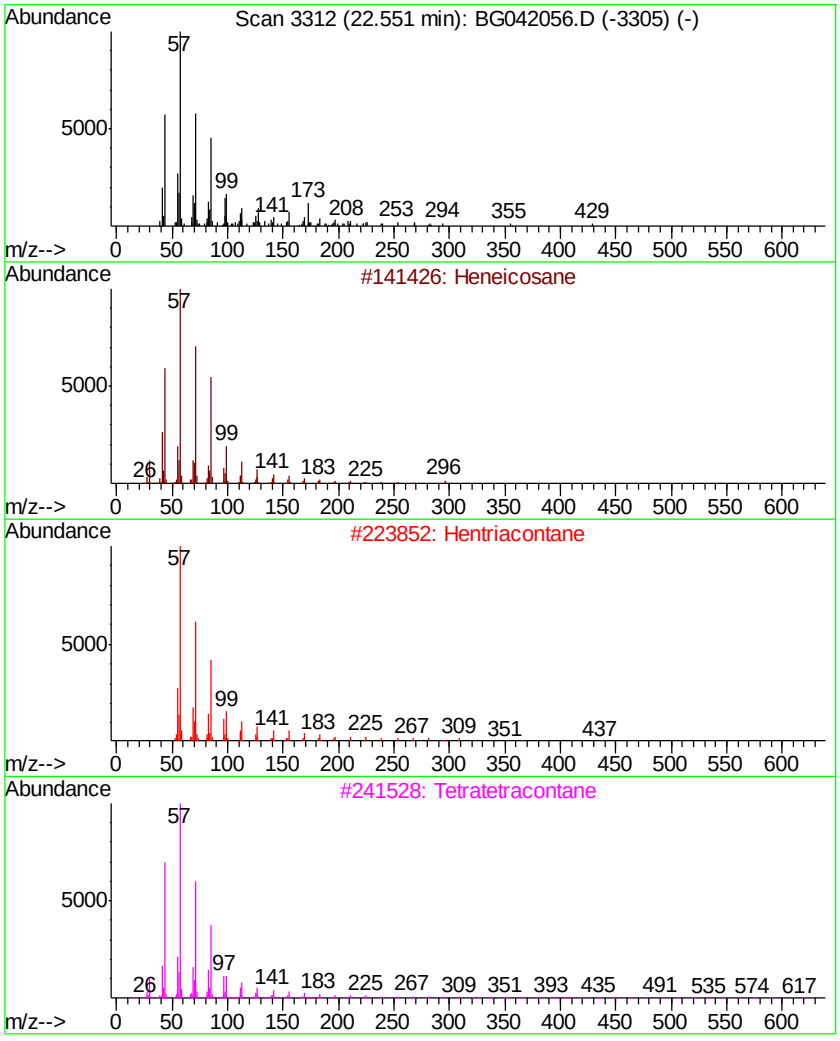
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

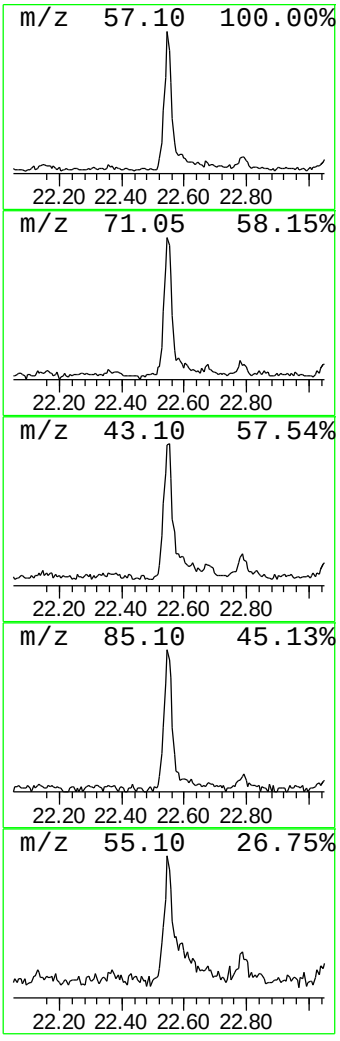
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	2.17 ng/ul	153818	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Hentriacontane	437	C31H64	000630-04-6	87





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Quant Title : SVOA CALIBRATION

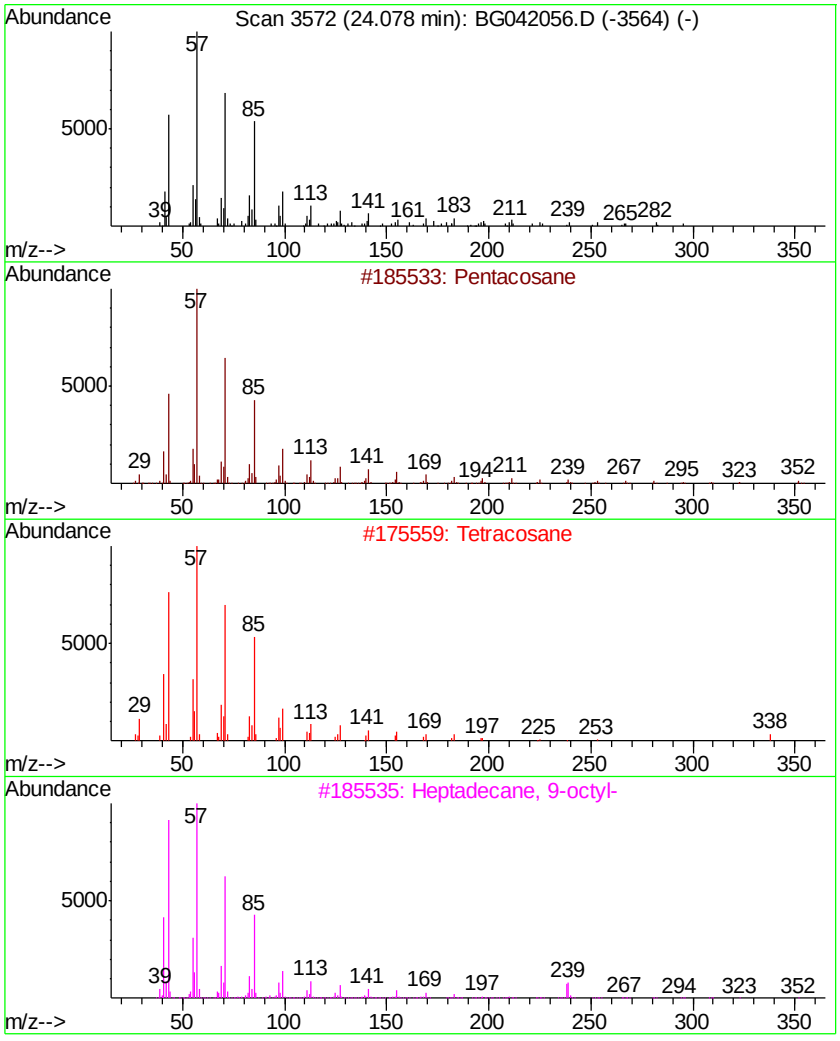
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

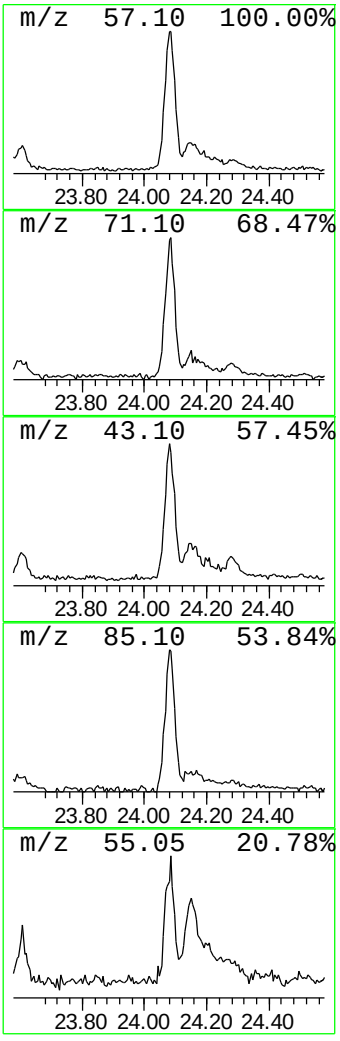
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	2.57 ng/ul	193992	Perylene-d12	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	97
2	Tetracosane	338	C24H50	000646-31-1	94
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heneicosane	296	C21H44	000629-94-7	91





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.14	105.4	ng/ul	2263120	1	8.03	429513	20.0
Heptadecyl heptaf...	21.36	3.9	ng/ul	276013	5	21.72	1419430	20.0
(DEL) Alkane: Str...	22.55	2.2	ng/ul	153818	5	21.72	1419430	20.0
(DEL) Alkane: Str...	24.08	2.6	ng/ul	193992	6	24.98	1510200	20.0