LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042013.D
Acq On : 7 Aug 2019 1:30
Operator : HP/JU
Sample : K4029-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENY0

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	3.147	5	10	22	rVB	194314	310159	19.69%	1.860%
2	3.412	51	55	58	rBV3	6864	9353	0.59%	0.056%
3	3.717	103	107	109	rBV4	1692	2228	0.14%	0.013%
4	4.169	181	184	190	rVB4	2452	3764	0.24%	0.023%
5	7.172	688	695	710	rBV	115819	239714	15.22%	1.438%
6	7.342	716	724	738	rBV2	99116	178159	11.31%	1.069%
7	7.554	753	760	771	rBV	139235	247620	15.72%	1.485%
8	8.024	833	840	851	rBV	183669	317083	20.13%	1.902%
9	8.729	953	960	975	rBV	145315	283868	18.02%	1.703%
10	9.187	1032	1038	1048	rBV	125570	233300	14.81%	1.399%
11	9.645	1110	1116	1119	rBV3	2801	3834	0.24%	0.023%
12	9.922	1157	1163	1176	rVB	105525	199365	12.66%	1.196%
13	10.468	1246	1256	1270	rBV	166939	333025	21.14%	1.997%
14	10.562	1270	1272	1275	rVB	2586	2340	0.15%	0.014%
15	10.850	1312	1321	1333	rBV	273225	486842	30.90%	2.920%
16	10.979	1336	1343	1359	rBV	146122	310171	19.69%	1.860%
17	12.454	1590	1594	1596	rBV3	2063	2898	0.18%	0.017%
18	13.582	1781	1786	1791	rVB3	1414	2570	0.16%	0.015%
19	13.840	1825	1830	1835	rBV2	1638	4114	0.26%	0.025%
20	14.081	1865	1871	1876	rBV	409325	628795	39.92%	3.772%
21	14.134	1876	1880	1892	rVB	170369	265938	16.88%	1.595%
22	14.381	1914	1922	1938	rBV	486947	787026	49.96%	4.721%
23	14.687	1967	1974	1988	rBV2	521616	818363	51.95%	4.909%
24	14.869	1998	2005	2021	rBV	96041	209638	13.31%	1.257%
25	14.998	2026	2027	2032	rVB4	1513	1874	0.12%	0.011%
26	15.098	2040	2044	2048	rVB6	2369	3632	0.23%	0.022%
27	15.215	2061	2064	2070	rVB4	1233	2113	0.13%	0.013%
28	15.486	2105	2110	2113	rBV3	1202	1602	0.10%	0.010%
29	15.539	2115	2119	2124	rBV4	2004	2949	0.19%	0.018%
30	15.680	2136	2143	2156	rBV	691126	1044497	66.30%	6.265%
31	15.791	2156	2162	2173	rVV	124309	220166	13.98%	1.321%
32	15.868	2173	2175	2178	rVV4	3806	5031	0.32%	0.030%
33	15.920	2180	2184	2189	rVB4	7403	12482	0.79%	0.075%
34	16.032	2202	2203	2207	rVB2	1360	1605	0.10%	0.010%

LSC Area Percent Report

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Operator : HP/JU
Sample : K4029-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENY0

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	16.396	2262	2265	2268	rBV2	1410	1881	0.12%	0.011%
36	16.467	2273	2277	2280	rVB	2935	3800	0.24%	0.023%
37	16.972	2362	2363	2369	rVB3	1378	1762	0.11%	0.011%
38	17.031	2369	2373	2377	rBV2	1075	2113	0.13%	0.013%
39	17.137	2389	2391	2395	rBV4	2891	3252	0.21%	0.020%
40	17.207	2397	2403	2404	rBV5	2092	2775	0.18%	0.017%
41	17.225	2404	2406	2409	rVV2	2168	2249	0.14%	0.013%
42	17.248	2409	2410	2417	rVB2	1245	1648	0.10%	0.010%
43	17.436	2435	2442	2453	rBV2	744297	1160812	73.69%	6.963%
44	17.536	2453	2459	2472	rVV	813088	1210886	76.87%	7.263%
45	17.624	2472	2474	2480	rVB3	1906	2624	0.17%	0.016%
46	17.718	2487	2490	2497	rVB3	2548	4074	0.26%	0.024%
47	18.100	2554	2555	2561	rVB4	1167	1582	0.10%	0.009%
48	18.288	2581	2587	2589	rBV3	1103	1808	0.11%	0.011%
49	18.341	2589	2596	2603	rBV7	14663	41041	2.61%	0.246%
50	18.400	2603	2606	2610	rVV	13446	18219	1.16%	0.109%
51	18.447	2612	2614	2618	rVB4	2117	2708	0.17%	0.016%
52	18.517	2620	2626	2629	rBV6	3248	5639	0.36%	0.034%
53	18.611	2636	2642	2643	rBV3	1281	2078	0.13%	0.012%
54	18.635	2643	2646	2648	rVB3	2873	3268	0.21%	0.020%
55	18.993	2705	2707	2710	rBV3	1154	1744	0.11%	0.010%
56	19.258	2749	2752	2756	rBV2	6281	8666	0.55%	0.052%
57	19.305	2759	2760	2764	rBV4	2252	2794	0.18%	0.017%
58	19.363	2769	2770	2772	rBV2	3228	2192	0.14%	0.013%
59	19.463	2783	2787	2789	rBV	9984	14698	0.93%	0.088%
60	19.493	2789	2792	2799	rVB	15720	22280	1.41%	0.134%
61	19.593	2806	2809	2811	rBV2	2238	2829	0.18%	0.017%
62	19.710	2827	2829	2834	rVV2	6462	9202	0.58%	0.055%
63	19.822	2842	2848	2864	rBV	1068118	1575313	100.00%	9.449%
64	20.074	2889	2891	2893	rBV2	2887	2575	0.16%	0.015%
65	20.168	2905	2907	2911	rBV4	3582	5150	0.33%	0.031%
66	20.268	2922	2924	2926	rBV3	2602	2947	0.19%	0.018%
67	20.292	2926	2928	2931	rBV3	3280	3868	0.25%	0.023%
68	20.362	2933	2940	2943	rBV2	19071	30701	1.95%	0.184%
69	20.721	2998	3001	3003	rBV4	6599	9198	0.58%	0.055%
70	20.856	3021	3024	3028	rBV3	26136	30828	1.96%	0.185%
71	21.155	3073	3075	3077	rBV3	4184	3274	0.21%	0.020%

LSC Area Percent Report

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Sample : K4029-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENY0

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

72	21.367	3106	3111	3122	rBV2	84780	177659	11.28%	1.066%
73	21.719	3164	3171	3177	rBV2	787456	1346185	85.46%	8.074%
74	21.925	3202	3206	3211	rVB	38842	56404	3.58%	0.338%
75	22.548	3307	3312	3318	rBV2	46560	79346	5.04%	0.476%
76	23.253	3427	3432	3439	rVB2	55722	104944	6.66%	0.629%
77	23.447	3463	3465	3471	rVB5	12255	18697	1.19%	0.112%
78	23.523	3474	3478	3479	rBV4	6036	6579	0.42%	0.039%
79	24.087	3566	3574	3581	rBV2	63206	135009	8.57%	0.810%
80	24.757	3678	3688	3701	rVB	552138	1522217	96.63%	9.130%
81	24.986	3716	3727	3735	rBV2	480383	1427281	90.60%	8.561%
82	25.051	3735	3738	3748	rVB4	58666	140551	8.92%	0.843%
83	26.220	3928	3937	3951	rVB3	51446	156537	9.94%	0.939%
84	27.607	4166	4173	4184	rVB3	34848	118099	7.50%	0.708%
85	27.730	4192	4194	4195	rBV2	3875	2155	0.14%	0.013%
86	30.509	4666	4667	4668	rBV	4655	1958	0.12%	0.012%

Sum of corrected areas: 16672217

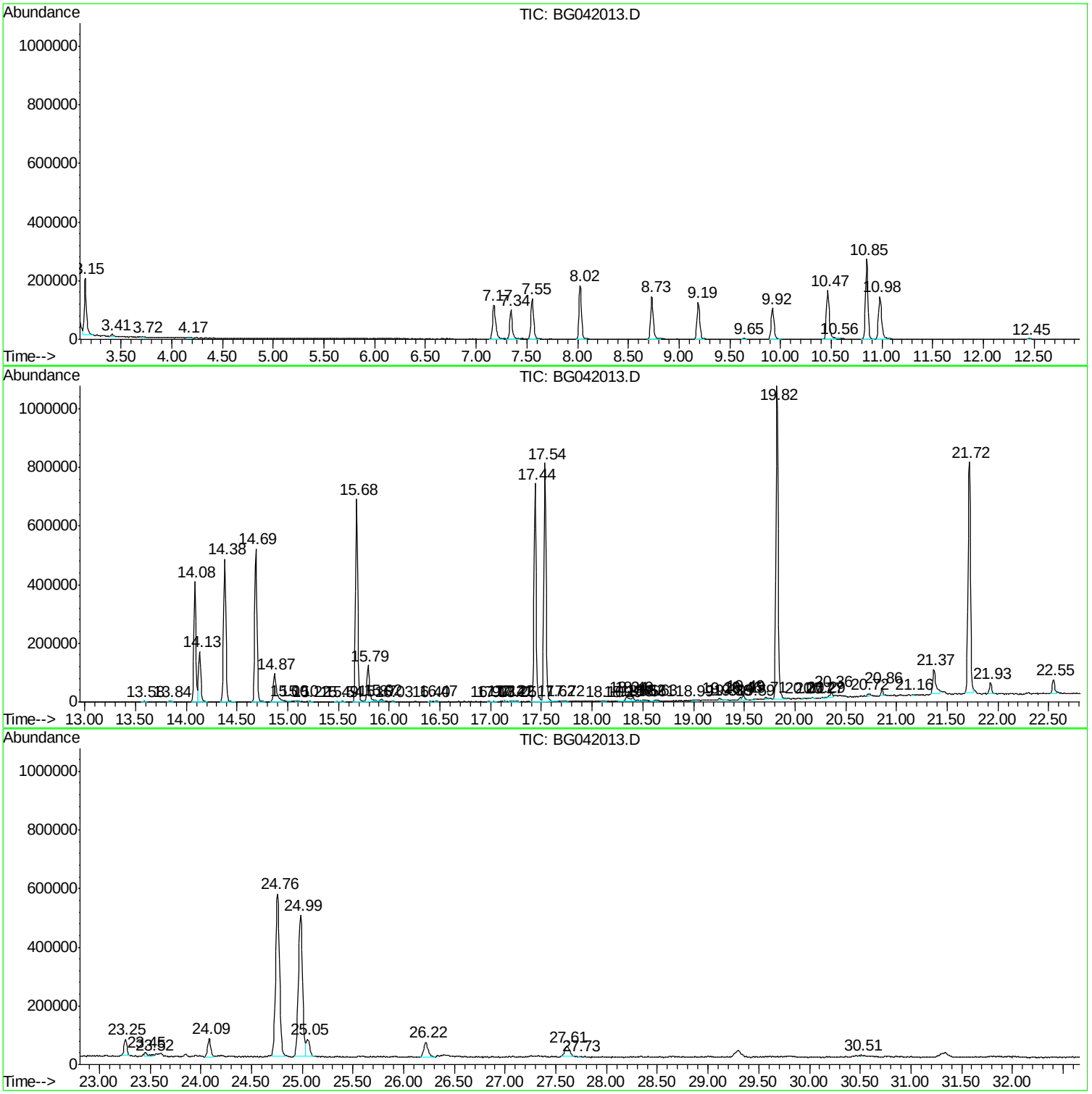
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042013.D
Acq On : 7 Aug 2019 1:30
Operator : HP/JU
Sample : K4029-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENY0

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042013.D
Acq On : 7 Aug 2019 1:30
Operator : HP/JU
Sample : K4029-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENY0

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

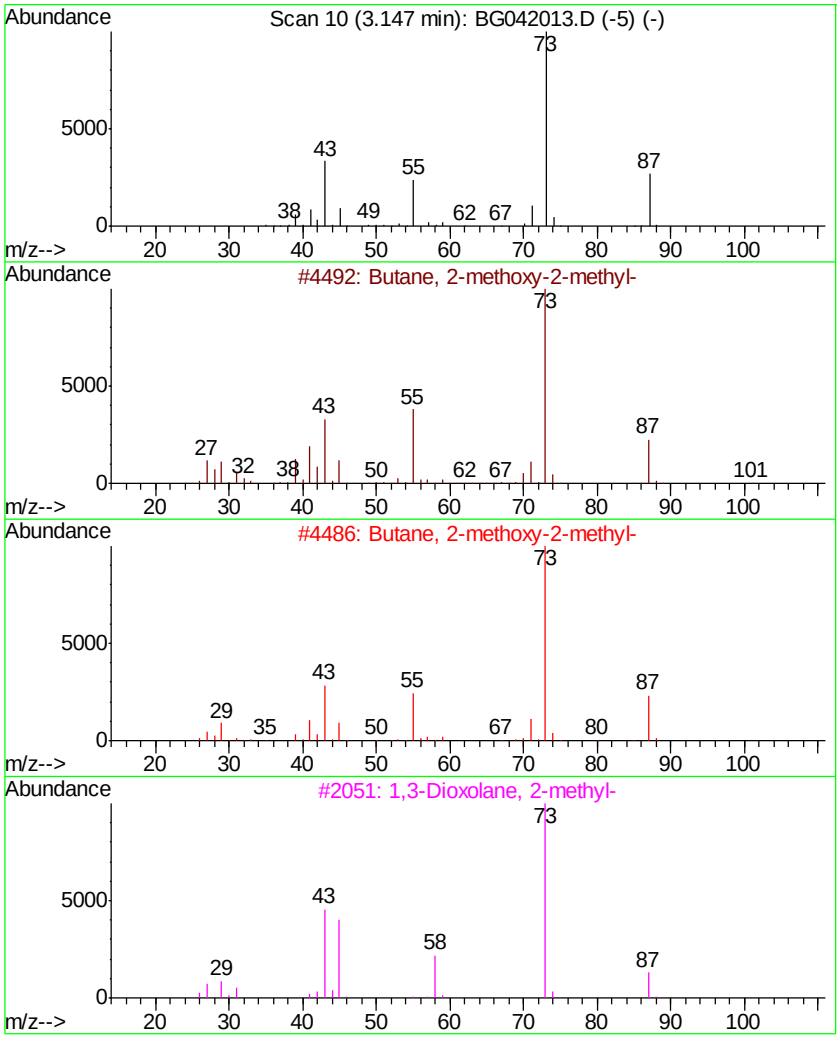
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

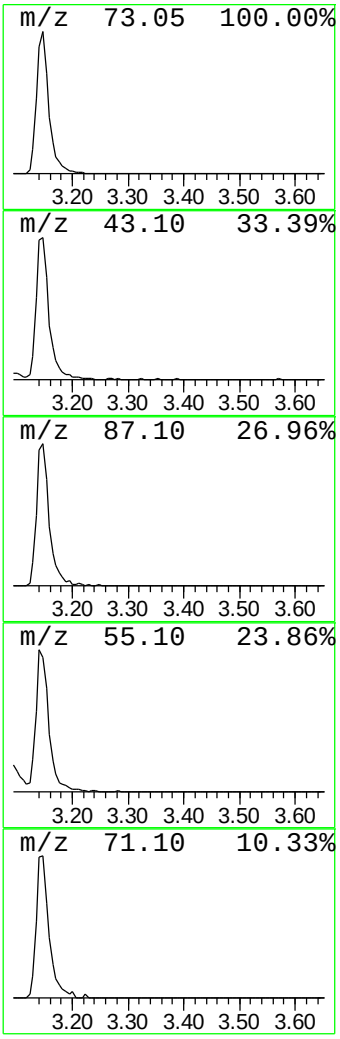
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	19.56 ng/ul	310159	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	17
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
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Sample : K4029-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENY0

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

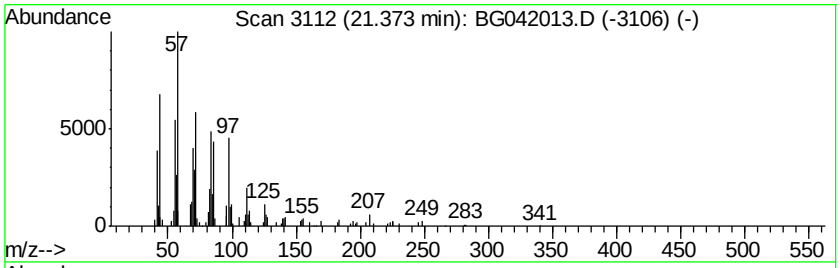
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

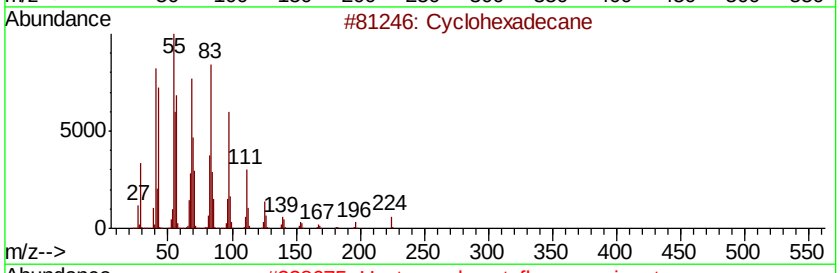
****

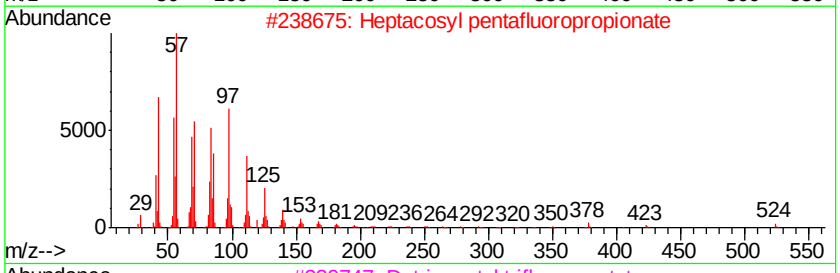
Peak Number 2 (DEL) Alkane: Cyclic21.37 Concentration Rank 2

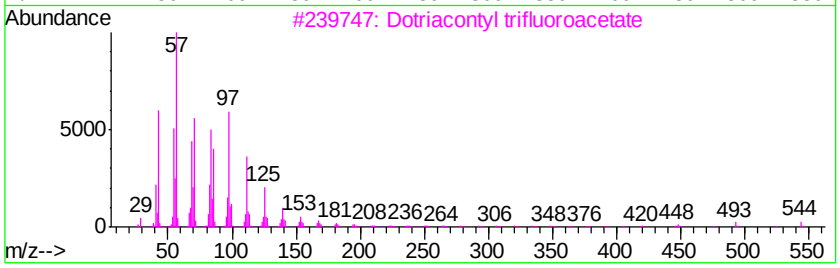
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.64 ng/ul	177659	Chrysene-d12	21.72

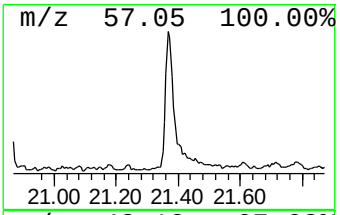
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	Heptacosyl pentafluoropropionate	542	C30H55F5O2	1000351-81-6	90
3	Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	90
4	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	90
5	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	90

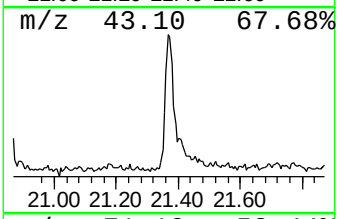


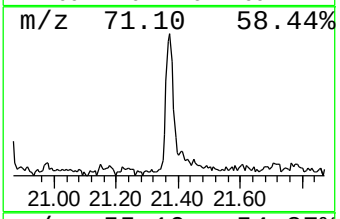


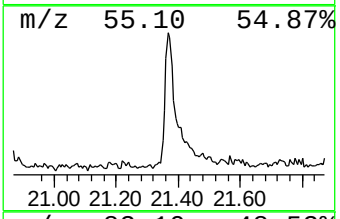


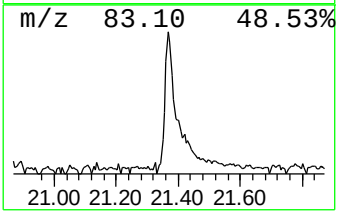












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Instrument : BNA_G
ClientSampleId : BENY0

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

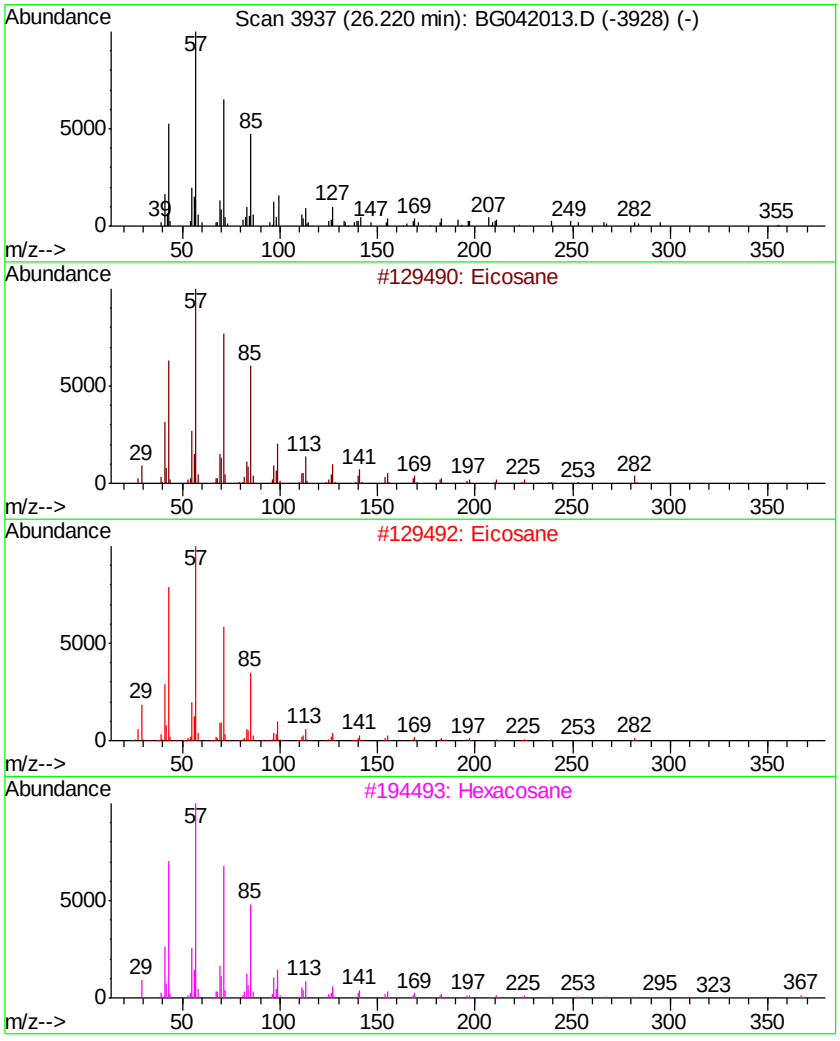
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

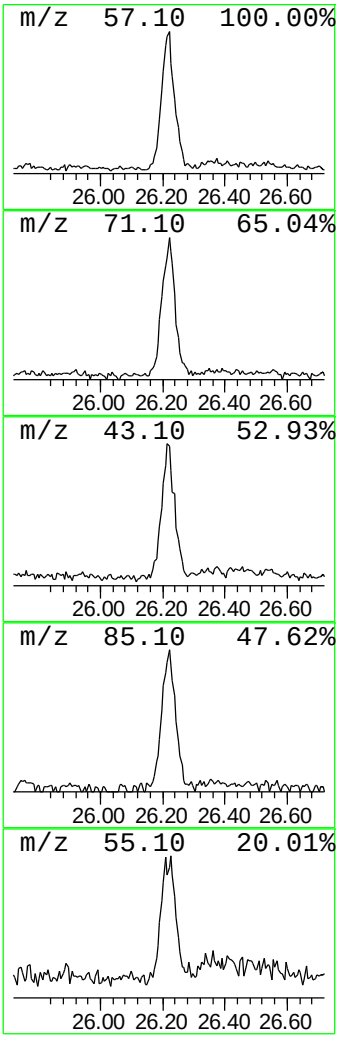
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.22	2.19 ng/ul	156537	Perylene-d12	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Eicosane	282	C20H42	000112-95-8	95
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
ClientSampleId : BENY0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.15	19.6	ng/ul	310159	1	8.02	317083	20.0
(DEL) Alkane: Cyc...	21.37	2.6	ng/ul	177659	5	21.72	1346190	20.0
(DEL) Alkane: Str...	26.22	2.2	ng/ul	156537	6	24.98	1427280	20.0