LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011515\
Data File : BM000217.D
Acq On : 16 Jan 2015 01:50
Operator : TP/IZ
Sample : G1066-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF5

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:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.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	2.716	3	5	14	rVB	356535	459146	18.27%	1.319%
2	2.869	29	31	32	rBV2	6058	3959	0.16%	0.011%
3	2.905	35	37	41	rVV4	6064	7054	0.28%	0.020%
4	2.987	45	51	59	rVV	724305	1140621	45.38%	3.277%
5	3.058	59	63	77	rVB	973634	1219109	48.50%	3.503%
6	3.316	104	107	110	rBV	23556	26179	1.04%	0.075%
7	3.352	110	113	121	rVB	36113	48936	1.95%	0.141%
8	3.458	127	131	135	rVB6	5192	7628	0.30%	0.022%
9	3.493	135	137	140	rVB3	2618	3317	0.13%	0.010%
10	3.793	184	188	191	rBV4	4088	6474	0.26%	0.019%
11	4.322	275	278	280	rBV3	3090	3524	0.14%	0.010%
12	4.405	290	292	294	rBV2	2664	2831	0.11%	0.008%
13	4.452	298	300	305	rVB4	2776	2932	0.12%	0.008%
14	4.957	380	386	390	rBV	28491	39740	1.58%	0.114%
15	5.028	395	398	401	rVB3	2925	3169	0.13%	0.009%
16	5.499	477	478	483	rVB4	2597	2943	0.12%	0.008%
17	5.704	512	513	518	rVB4	2461	3596	0.14%	0.010%
18	6.046	569	571	576	rVB4	3461	4500	0.18%	0.013%
19	6.310	611	616	619	rBV3	2305	3254	0.13%	0.009%
20	6.499	647	648	653	rVB3	2677	4129	0.16%	0.012%
21	6.846	703	707	709	rBV4	2534	3053	0.12%	0.009%
22	6.987	725	731	740	rVV	526218	886129	35.26%	2.546%
23	7.163	754	761	770	rBV	348383	557838	22.19%	1.603%
24	7.251	774	776	779	rVB3	3280	3118	0.12%	0.009%
25	7.357	787	794	804	rVV	500173	786700	31.30%	2.260%
26	7.451	804	810	815	rVV2	32106	44438	1.77%	0.128%
27	7.828	867	874	881	rVV	617331	957554	38.10%	2.751%
28	7.887	881	884	891	rVB4	7555	11286	0.45%	0.032%
29	8.275	949	950	956	rBV3	1980	3686	0.15%	0.011%
30	8.522	986	992	1001	rBV	590552	942713	37.51%	2.709%
31	8.604	1005	1006	1010	rVV2	3834	2989	0.12%	0.009%
32	8.981	1064	1070	1078	rBV	480932	784354	31.21%	2.254%
33	9.392	1136	1140	1146	rBV4	13509	21773	0.87%	0.063%
34	9.657	1180	1185	1186	rBV4	3715	4823	0.19%	0.014%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011515\
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Acq On : 16 Jan 2015 01:50
Operator : TP/IZ
Sample : G1066-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF5

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:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Title : SVOA CALIBRATION

35	9.704	1186	1193	1200	rVV	370786	631651	25.13%	1.815%
36	9.787	1204	1207	1209	rBV2	2706	3251	0.13%	0.009%
37	10.234	1276	1283	1296	rBV	574860	959038	38.16%	2.755%
38	10.492	1324	1327	1329	rBV3	2210	3011	0.12%	0.009%
39	10.622	1341	1349	1356	rBV	785428	1355485	53.93%	3.895%
40	10.751	1364	1371	1382	rBV	274021	481883	19.17%	1.385%
41	11.051	1419	1422	1426	rVB2	1945	2872	0.11%	0.008%
42	11.933	1566	1572	1580	rVB2	26492	45537	1.81%	0.131%
43	12.204	1612	1618	1624	rVB5	8749	14959	0.60%	0.043%
44	13.286	1799	1802	1808	rVB4	8050	12275	0.49%	0.035%
45	13.339	1808	1811	1814	rBV	2575	3183	0.13%	0.009%
46	13.869	1895	1901	1906	rBV	1058120	1432387	56.99%	4.116%
47	13.916	1906	1909	1918	rVB	159829	222340	8.85%	0.639%
48	14.075	1931	1936	1943	rVV5	7477	15060	0.60%	0.043%
49	14.157	1943	1950	1963	rVV	1079408	1603791	63.81%	4.608%
50	14.363	1982	1985	1988	rVB2	11398	12403	0.49%	0.036%
51	14.463	1994	2002	2011	rBV	1227825	1811240	72.06%	5.204%
52	14.651	2028	2034	2045	rBV	372642	611231	24.32%	1.756%
53	14.727	2045	2047	2048	rBV2	4960	4266	0.17%	0.012%
54	15.227	2127	2132	2134	rBV4	3359	4024	0.16%	0.012%
55	15.251	2134	2136	2140	rVV	3260	4060	0.16%	0.012%
56	15.310	2143	2146	2149	rVV4	7457	7108	0.28%	0.020%
57	15.457	2164	2171	2181	rBV	1361303	1978222	78.71%	5.684%
58	15.569	2183	2190	2198	rBV	377995	540420	21.50%	1.553%
59	15.692	2206	2211	2214	rBV4	13641	18447	0.73%	0.053%
60	15.821	2227	2233	2238	rBV	112215	156416	6.22%	0.449%
61	16.168	2290	2292	2295	rBV2	4896	4977	0.20%	0.014%
62	16.233	2299	2303	2305	rVB2	3054	3087	0.12%	0.009%
63	16.410	2329	2333	2336	rBV4	4955	6061	0.24%	0.017%
64	16.698	2378	2382	2384	rVB3	2357	3201	0.13%	0.009%
65	16.963	2423	2427	2428	rBV4	4813	5515	0.22%	0.016%
66	16.992	2429	2432	2440	rVB3	6378	11516	0.46%	0.033%
67	17.204	2462	2468	2476	rBV2	1520432	2179867	86.73%	6.263%
68	17.304	2478	2485	2498	rBV	1488957	2123599	84.49%	6.101%
69	17.692	2546	2551	2554	rBV4	2799	5401	0.21%	0.016%
70	18.039	2609	2610	2612	rBV	3142	3015	0.12%	0.009%
71	18.092	2614	2619	2625	rBV3	113522	170512	6.78%	0.490%

LSC Area Percent Report

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Sample : G1066-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF5

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:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Title : SVOA CALIBRATION

72	18.162	2630	2631	2634	rVV2	7270	7502	0.30%	0.022%
73	18.386	2667	2669	2672	rBV4	4802	5371	0.21%	0.015%
74	18.468	2681	2683	2685	rBV3	3279	3074	0.12%	0.009%
75	18.857	2747	2749	2752	rBV4	4606	6024	0.24%	0.017%
76	19.027	2775	2778	2782	rBV5	6676	11779	0.47%	0.034%
77	19.233	2809	2813	2816	rBV3	16122	22707	0.90%	0.065%
78	19.309	2824	2826	2828	rBV2	4849	3562	0.14%	0.010%
79	19.374	2833	2837	2845	rBV4	47318	76161	3.03%	0.219%
80	19.492	2853	2857	2861	rVB3	13063	18950	0.75%	0.054%
81	19.527	2861	2863	2867	rBV4	5169	4980	0.20%	0.014%
82	19.598	2869	2875	2881	rVV	1660102	2362626	94.00%	6.788%
83	19.639	2881	2882	2885	rVV3	31742	27067	1.08%	0.078%
84	20.180	2973	2974	2976	rBV2	6521	5817	0.23%	0.017%
85	20.215	2978	2980	2983	rBV4	4540	6130	0.24%	0.018%
86	20.633	3048	3051	3054	rBV5	16788	20082	0.80%	0.058%
87	20.674	3056	3058	3063	rVB6	12979	13826	0.55%	0.040%
88	20.862	3088	3090	3092	rVB3	7335	4983	0.20%	0.014%
89	20.886	3092	3094	3095	rBV2	7692	4454	0.18%	0.013%
90	20.939	3101	3103	3106	rBV4	9702	8205	0.33%	0.024%
91	21.092	3125	3129	3138	rBV	214657	324032	12.89%	0.931%
92	21.186	3142	3145	3151	rVB5	24024	38635	1.54%	0.111%
93	21.392	3175	3180	3188	rBV	2036058	2513459	100.00%	7.222%
94	21.503	3197	3199	3202	rBV4	17941	22843	0.91%	0.066%
95	21.539	3203	3205	3208	rVB2	31406	25425	1.01%	0.073%
96	21.980	3277	3280	3283	rBV3	25154	30378	1.21%	0.087%
97	22.450	3357	3360	3364	rVB5	38956	46167	1.84%	0.133%
98	22.962	3445	3447	3453	rVB7	26351	38988	1.55%	0.112%
99	23.539	3537	3545	3555	rBV2	1174187	2351328	93.55%	6.756%
100	23.686	3562	3570	3578	rBV	1178456	2345320	93.31%	6.739%

Sum of corrected areas: 34804681

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011515\
Data File : BM000217.D
Acq On : 16 Jan 2015 01:50
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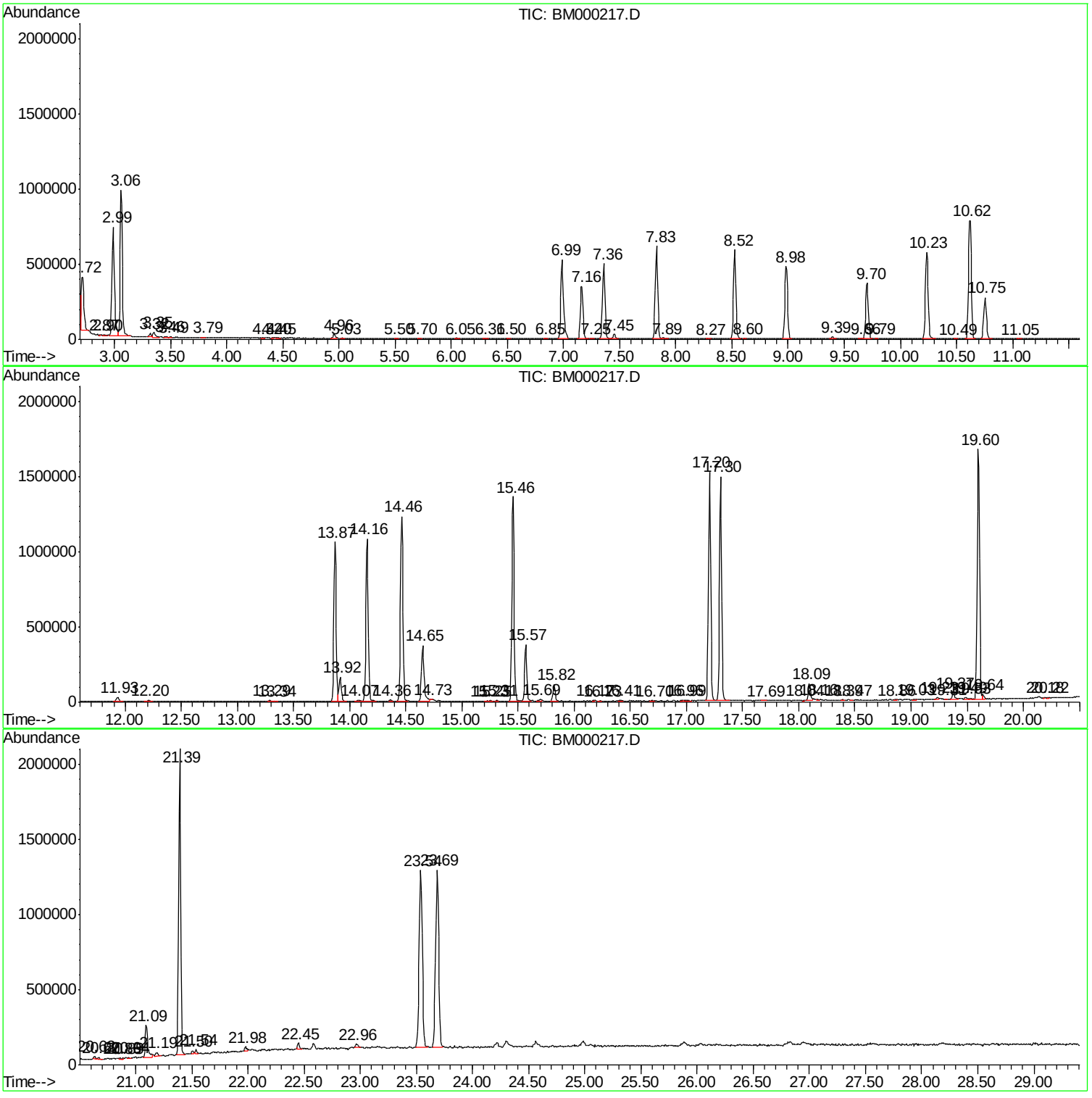
Sample : G1066-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011515\
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Acq On : 16 Jan 2015 01:50
Operator : TP/IZ
Sample : G1066-01
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

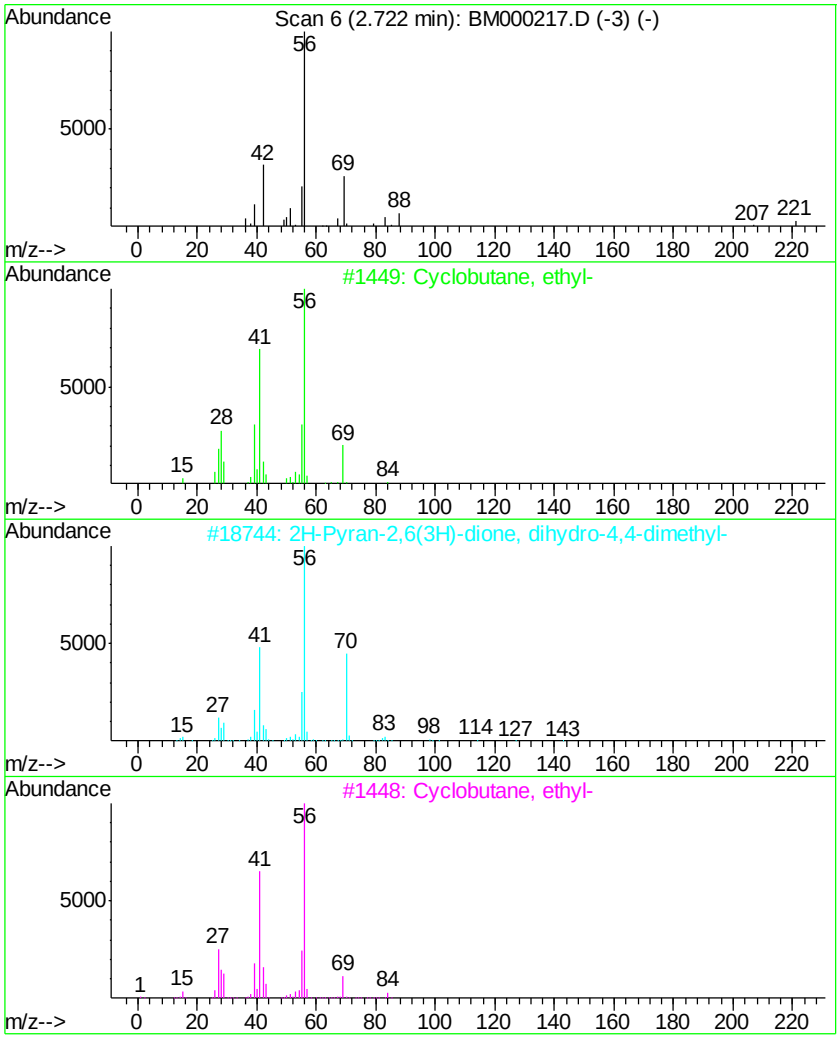
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

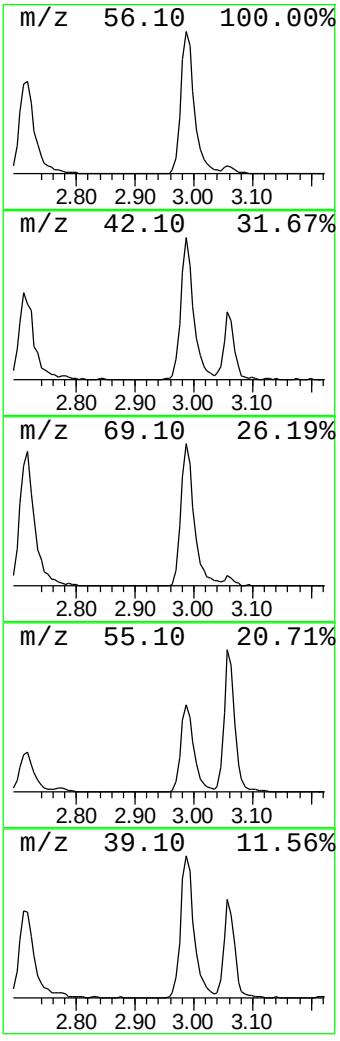
****

Peak Number 1 Cyclobutane, ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.72	9.59 ng/ul	459146	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, ethyl-	84	C6H12	004806-61-5	56
2	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	50
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	39
4	Cyclobutanecarbonitrile, 3,3-dim...	109	C7H11N	053783-86-1	38
5	2-Azetidinone, 3,3-dimethyl-	99	C5H9NO	007486-91-1	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011515\
Data File : BM000217.D
Acq On : 16 Jan 2015 01:50
Operator : TP/IZ
Sample : G1066-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

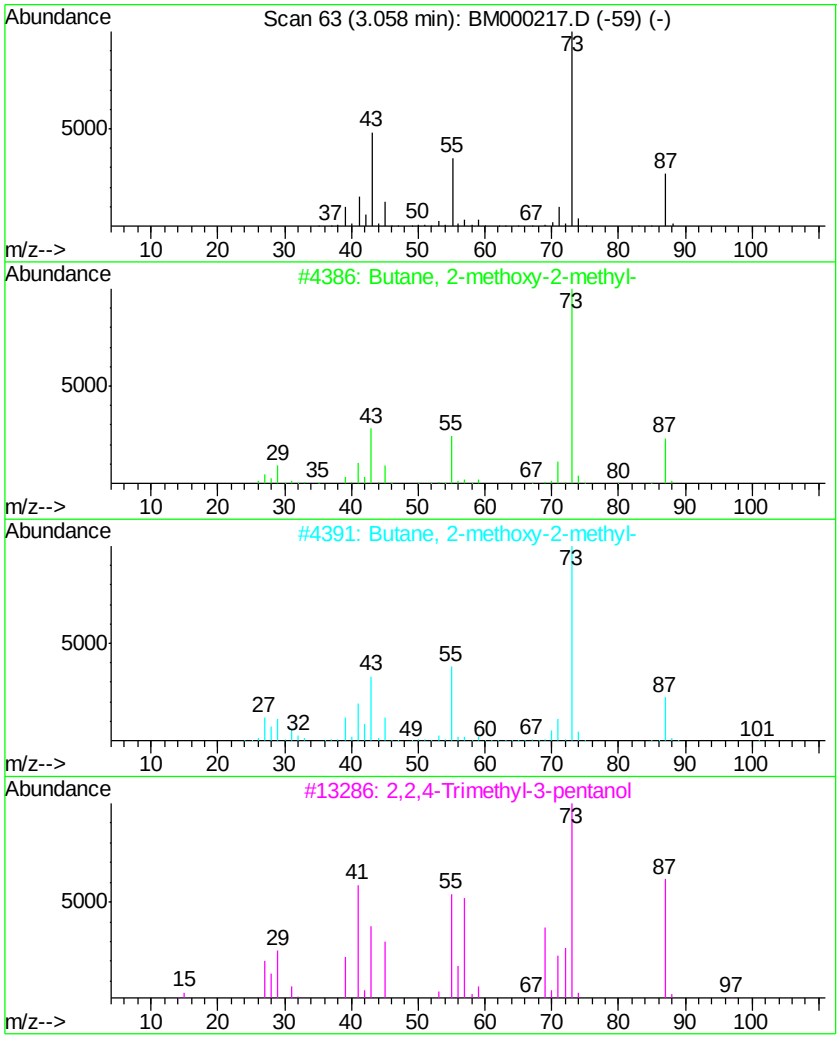
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

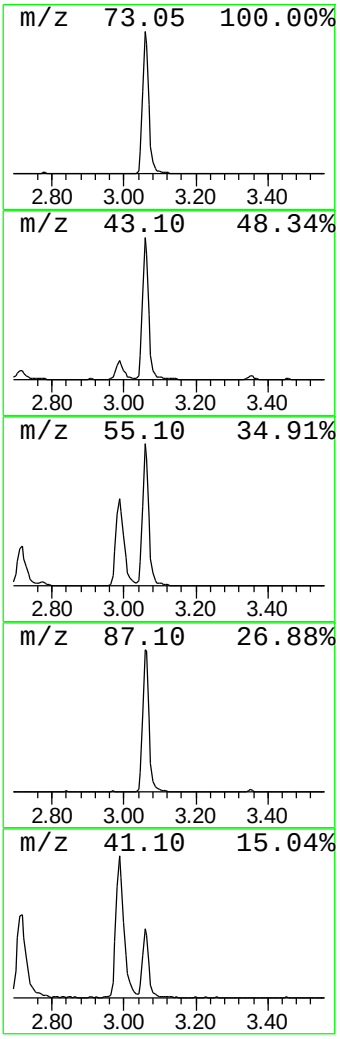
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	25.46 ng/ul	1219110	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Sample : G1066-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

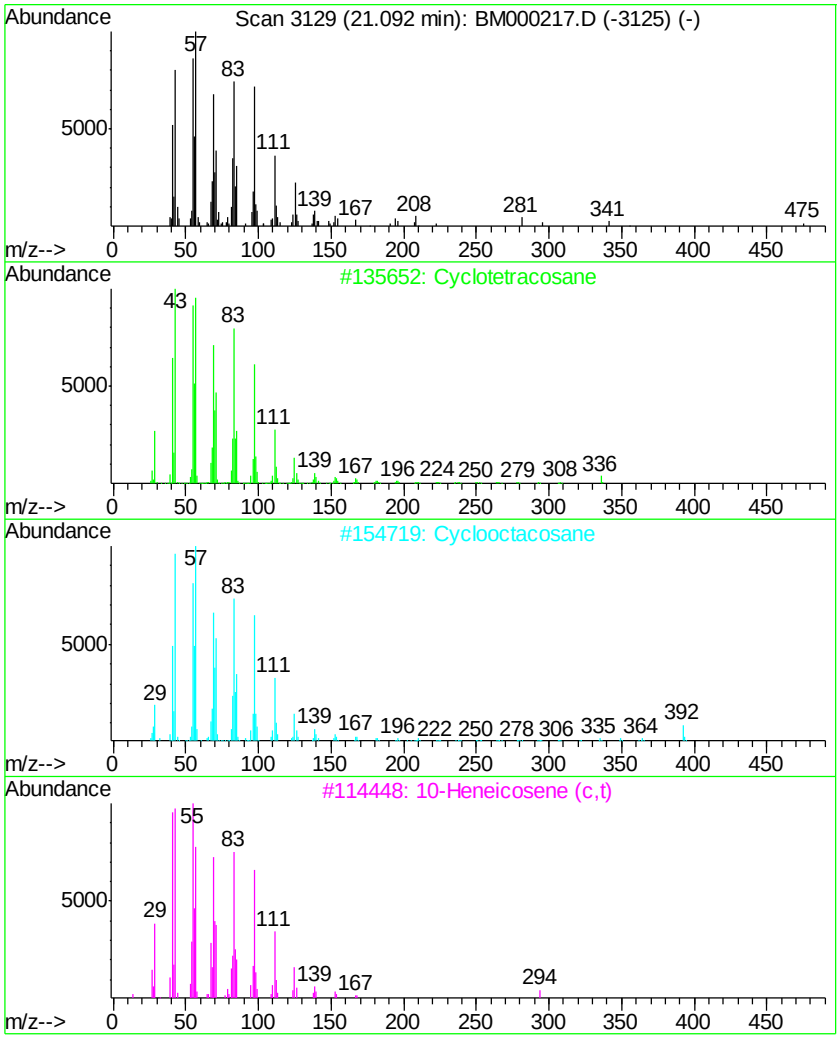
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

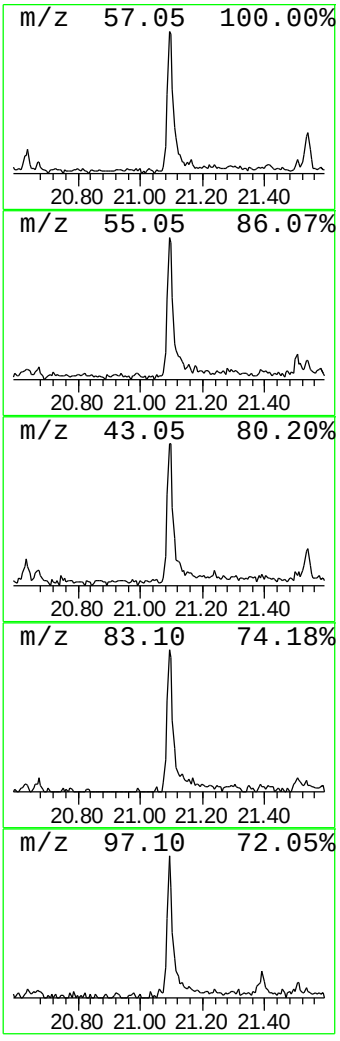
****

Peak Number 4 (DEL) Alkane: Cyclic Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	2.58 ng/ul	324032	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	87
2	Cyclooctacosane	392	C28H56	000297-24-5	87
3	10-Heneicosene (c,t)	294	C21H42	095008-11-0	86
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	83
5	1-Triacontanol	438	C30H62O	000593-50-0	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011515\
Data File : BM000217.D
Acq On : 16 Jan 2015 01:50
Operator : TP/IZ
Sample : G1066-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclobutane, ethyl-	2.72	9.6	ng/ul	459146	1	7.83	957554	20.0
Butane, 2-methoxy...	3.06	25.5	ng/ul	1219110	1	7.83	957554	20.0
(DEL) Alkane: Cyclic	21.09	2.6	ng/ul	324032	5	21.39	2513460	20.0