LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018837.D
Acq On : 23 Sep 2015 4:10
Operator : UM/NP
Sample : G3758-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAA2

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_G\METHODS\SOM02.2-EPA-BG091015.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	2.884	4	8	19	rVB	122113	169820	4.67%	0.983%
2	3.025	28	32	37	rVB5	3722	4434	0.12%	0.026%
3	3.102	39	45	53	rVV	85209	169289	4.66%	0.980%
4	3.178	53	58	80	rVB	2456553	3634969	100.00%	21.048%
5	3.436	99	102	110	rVB3	5769	9028	0.25%	0.052%
6	3.965	187	192	197	rBV4	5374	6851	0.19%	0.040%
7	4.089	209	213	219	rVB2	3820	6719	0.18%	0.039%
8	4.553	289	292	299	rBV4	3509	5150	0.14%	0.030%
9	5.093	380	384	392	rVB3	9294	16747	0.46%	0.097%
10	7.161	727	736	745	rBV	101971	183380	5.04%	1.062%
11	7.320	755	763	772	rVB	93237	154779	4.26%	0.896%
12	7.532	792	799	806	rBV	108868	177915	4.89%	1.030%
13	7.620	809	814	818	rVB3	2871	3966	0.11%	0.023%
14	7.802	839	845	848	rBV	3774	5902	0.16%	0.034%
15	7.996	870	878	886	rBV	168229	290878	8.00%	1.684%
16	8.701	991	998	1006	rBV	102371	179180	4.93%	1.038%
17	8.812	1013	1017	1022	rBV4	5721	10031	0.28%	0.058%
18	9.153	1069	1075	1084	rBV	97921	172663	4.75%	1.000%
19	9.576	1142	1147	1153	rBV4	4257	6706	0.18%	0.039%
20	9.876	1191	1198	1206	rBV2	81927	149362	4.11%	0.865%
21	10.422	1284	1291	1299	rBV	135572	242373	6.67%	1.403%
22	10.798	1348	1355	1366	rBV	251984	454786	12.51%	2.633%
23	10.934	1372	1378	1388	rVB	110974	204641	5.63%	1.185%
24	12.978	1723	1726	1732	rVB4	4041	5068	0.14%	0.029%
25	13.231	1762	1769	1774	rBV3	6023	9577	0.26%	0.055%
26	14.024	1896	1904	1908	rBV	294232	413739	11.38%	2.396%
27	14.071	1908	1912	1921	rVB	178355	246110	6.77%	1.425%
28	14.318	1948	1954	1963	rBV	332476	504331	13.87%	2.920%
29	14.518	1983	1988	1992	rVB3	7756	12399	0.34%	0.072%
30	14.623	1997	2006	2013	rVV3	455009	714832	19.67%	4.139%
31	14.688	2013	2017	2022	rVB2	11522	16899	0.46%	0.098%
32	14.823	2034	2040	2049	rBV	93941	168867	4.65%	0.978%
33	15.029	2068	2075	2080	rVB8	5200	10567	0.29%	0.061%
34	15.123	2090	2091	2099	rVB6	3682	6932	0.19%	0.040%

LSC Area Percent Report

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Acq On : 23 Sep 2015 4:10
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Sample : G3758-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAA2

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_G\METHODS\SOM02.2-EPA-BG091015.M
Title : SVOA CALIBRATION

35	15.411	2136	2140	2142	rBV5	5836	6861	0.19%	0.040%
36	15.464	2144	2149	2153	rVB	15210	20723	0.57%	0.120%
37	15.610	2168	2174	2181	rBV	451685	671675	18.48%	3.889%
38	15.663	2181	2183	2187	rVV4	10118	12875	0.35%	0.075%
39	15.728	2189	2194	2200	rBV2	59739	87862	2.42%	0.509%
40	15.857	2214	2216	2222	rVB5	8277	13931	0.38%	0.081%
41	15.969	2231	2235	2241	rVB6	4919	8678	0.24%	0.050%
42	16.010	2241	2242	2246	rBV4	3658	5166	0.14%	0.030%
43	16.245	2280	2282	2285	rBV4	2920	3921	0.11%	0.023%
44	16.327	2291	2296	2297	rBV	20231	26445	0.73%	0.153%
45	16.498	2320	2325	2329	rBV6	5982	10225	0.28%	0.059%
46	16.562	2334	2336	2341	rBV6	3950	5793	0.16%	0.034%
47	16.827	2377	2381	2384	rBV6	4860	5543	0.15%	0.032%
48	16.903	2388	2394	2397	rBV8	9247	14481	0.40%	0.084%
49	17.020	2409	2414	2416	rBV6	3792	6040	0.17%	0.035%
50	17.115	2425	2430	2434	rBV2	26980	39263	1.08%	0.227%
51	17.167	2434	2439	2444	rVV8	12529	22886	0.63%	0.133%
52	17.256	2451	2454	2456	rBV4	3624	4539	0.12%	0.026%
53	17.367	2466	2473	2477	rBV	659935	999112	27.49%	5.785%
54	17.408	2477	2480	2484	rVV	120565	163747	4.50%	0.948%
55	17.467	2484	2490	2501	rVB	496270	810655	22.30%	4.694%
56	17.555	2501	2505	2508	rBV5	7205	10713	0.29%	0.062%
57	17.737	2534	2536	2538	rVV3	7235	9067	0.25%	0.053%
58	17.767	2538	2541	2545	rVB2	15353	21893	0.60%	0.127%
59	17.855	2552	2556	2558	rBV2	16832	18818	0.52%	0.109%
60	17.996	2578	2580	2582	rBV3	3883	3727	0.10%	0.022%
61	18.078	2591	2594	2595	rBV2	3400	3872	0.11%	0.022%
62	18.137	2602	2604	2607	rBV4	5395	4444	0.12%	0.026%
63	18.248	2617	2623	2626	rBV3	56635	85245	2.35%	0.494%
64	18.284	2627	2629	2638	rVV4	28354	53271	1.47%	0.308%
65	18.372	2641	2644	2649	rVV3	12985	23187	0.64%	0.134%
66	18.442	2650	2656	2659	rVV3	39851	71581	1.97%	0.414%
67	18.472	2659	2661	2665	rVB4	14632	16582	0.46%	0.096%
68	18.542	2670	2673	2675	rBV4	8028	9885	0.27%	0.057%
69	18.736	2704	2706	2710	rVB2	13134	13920	0.38%	0.081%
70	18.777	2710	2713	2718	rBV7	10201	15301	0.42%	0.089%
71	18.924	2736	2738	2741	rBV4	5420	7204	0.20%	0.042%

LSC Area Percent Report

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Misc :
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Instrument : BNA_G
ClientSampleId : JHAA2

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
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Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Title : SVOA CALIBRATION

72	18.977	2744	2747	2751	rBV6	7944	13848	0.38%	0.080%
73	19.294	2799	2801	2805	rBV4	8102	11468	0.32%	0.066%
74	19.412	2816	2821	2828	rVB	220290	312901	8.61%	1.812%
75	19.512	2836	2838	2843	rBV6	11968	16093	0.44%	0.093%
76	19.747	2872	2878	2882	rBV	627909	1037270	28.54%	6.006%
77	20.270	2963	2967	2972	rVB2	60018	89936	2.47%	0.521%
78	20.370	2980	2984	2988	rVB	35235	50993	1.40%	0.295%
79	20.422	2988	2993	2997	rBV4	23844	43821	1.21%	0.254%
80	21.263	3132	3136	3141	rBV2	90170	151026	4.15%	0.874%
81	21.627	3190	3198	3203	rBV	756807	1401036	38.54%	8.112%
82	21.668	3203	3205	3215	rVB	118529	174179	4.79%	1.009%
83	22.408	3327	3331	3337	rBV2	70581	117804	3.24%	0.682%
84	23.795	3562	3567	3573	rBV4	56716	140073	3.85%	0.811%
85	24.588	3694	3702	3710	rBV	262360	669890	18.43%	3.879%
86	24.811	3731	3740	3753	rVB	440543	1249400	34.37%	7.234%
87	25.998	3940	3942	3945	rBV4	8273	7535	0.21%	0.044%
88	28.390	4347	4349	4350	rBV2	6006	5679	0.16%	0.033%
89	28.578	4379	4381	4383	rBV3	4539	4745	0.13%	0.027%
90	28.860	4427	4429	4431	rBV3	8453	9584	0.26%	0.055%
91	29.048	4453	4461	4470	rBV5	18575	61294	1.69%	0.355%
92	29.312	4505	4506	4508	rBV2	7164	4716	0.13%	0.027%
93	29.653	4562	4564	4565	rBV2	4555	3885	0.11%	0.022%
94	31.950	4952	4955	4956	rBV3	6473	5960	0.16%	0.035%
95	32.179	4992	4994	4997	rBV4	4072	4476	0.12%	0.026%
96	32.585	5062	5063	5066	rBV3	4379	4596	0.13%	0.027%

Sum of corrected areas: 17270229

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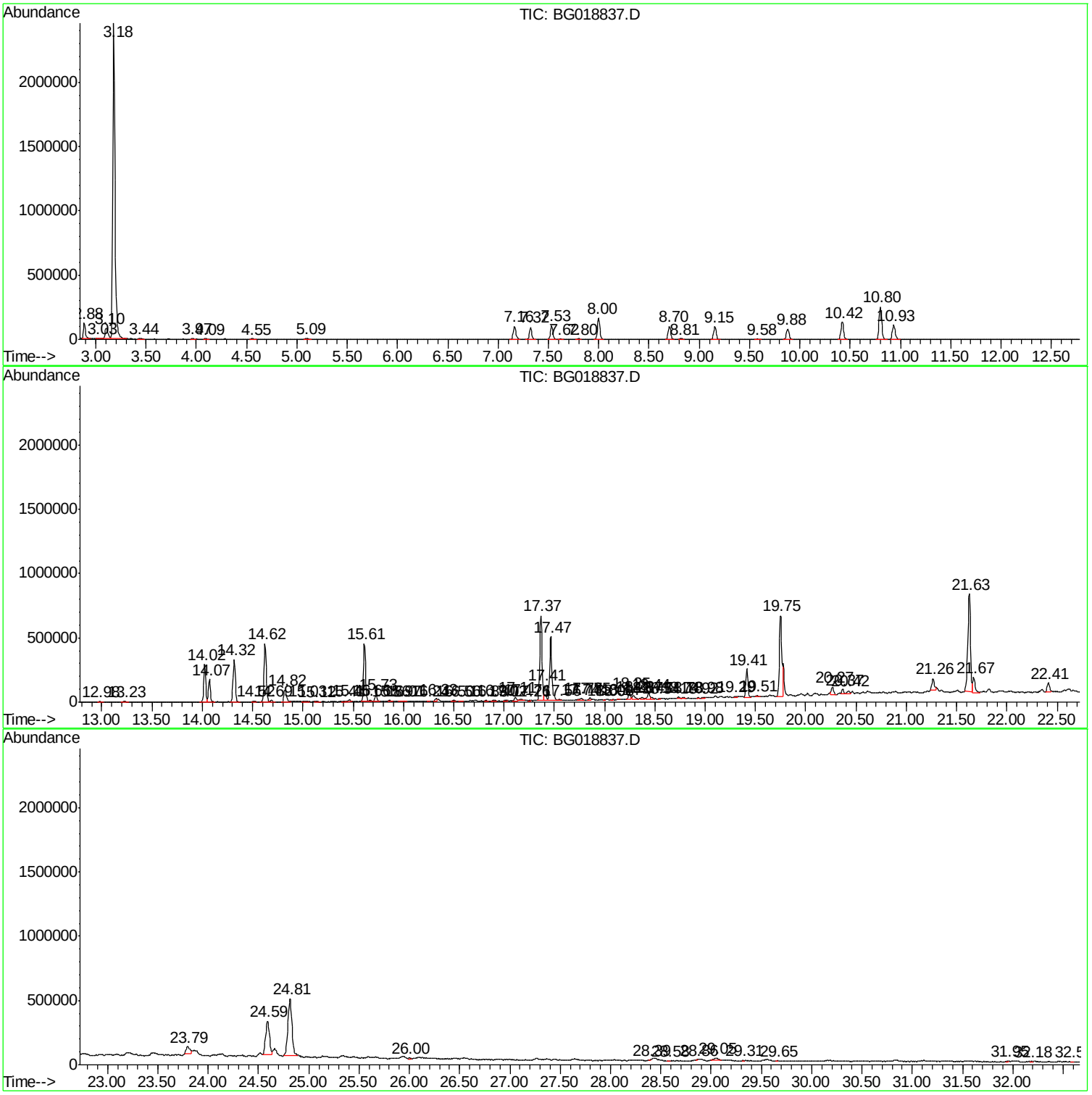
Instrument : BNA_G
ClientSampleId : JHAA2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

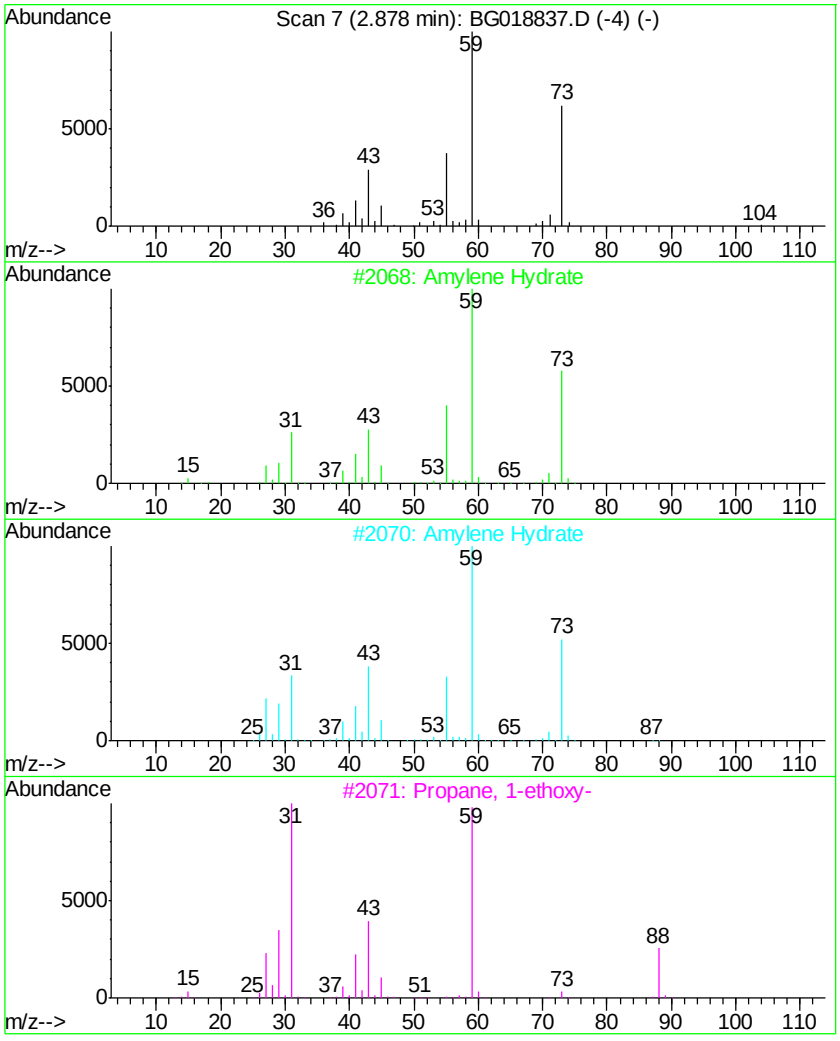
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

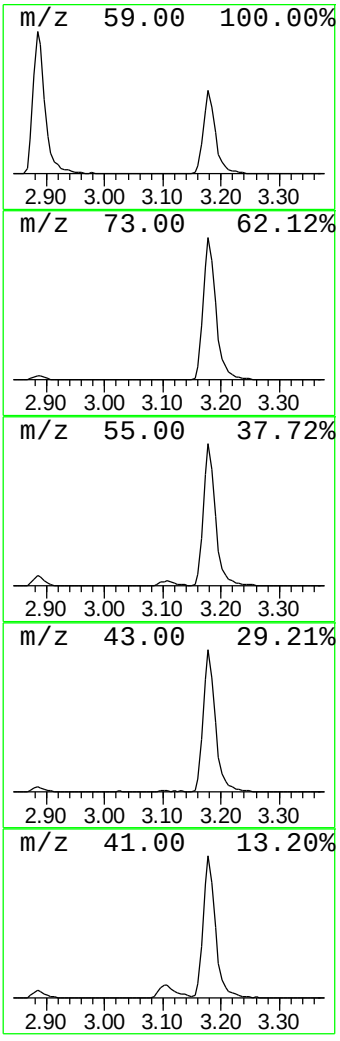
****

Peak Number 1 Amylene Hydrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	11.68 ng/ul	169820	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene Hydrate	88	C5H12O	000075-85-4	83
2	Amylene Hydrate	88	C5H12O	000075-85-4	78
3	Propane, 1-ethoxy-	88	C5H12O	000628-32-0	64
4	Amylene Hydrate	88	C5H12O	000075-85-4	56
5	Propane, 1-ethoxy-	88	C5H12O	000628-32-0	45





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Data File : BG018837.D
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Sample : G3758-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAA2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

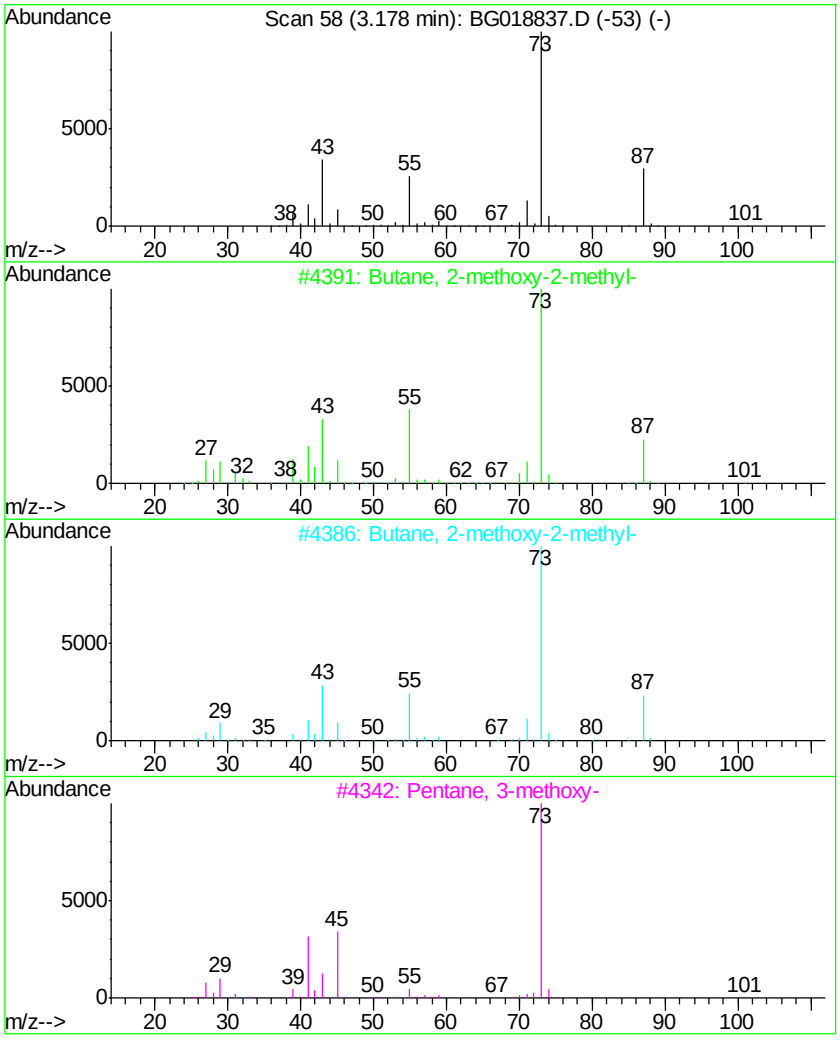
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

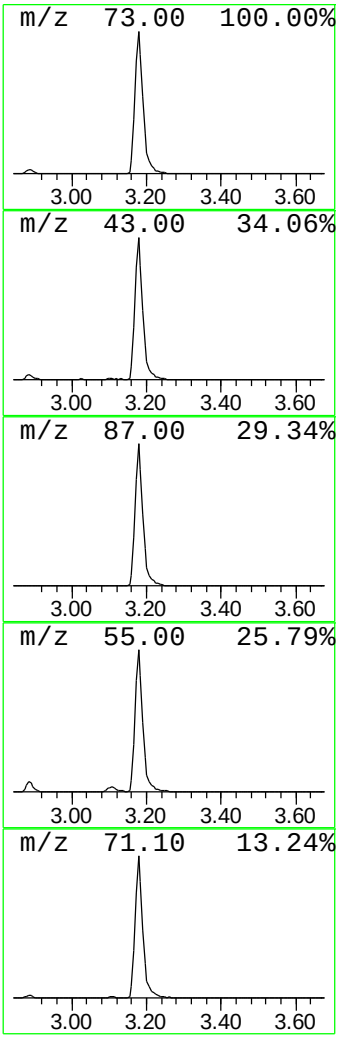
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	249.93 ng/ul	3634970	1,4-Dichlorobenzene-d4	8.00

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : JHAA2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

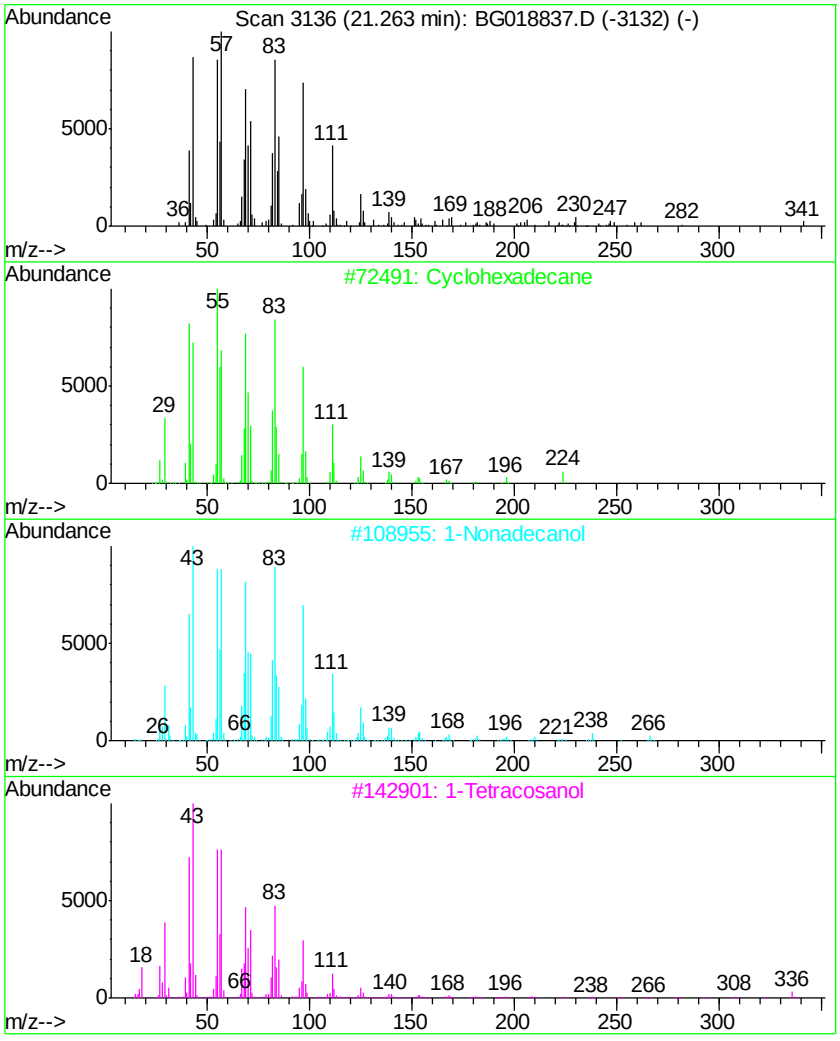
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

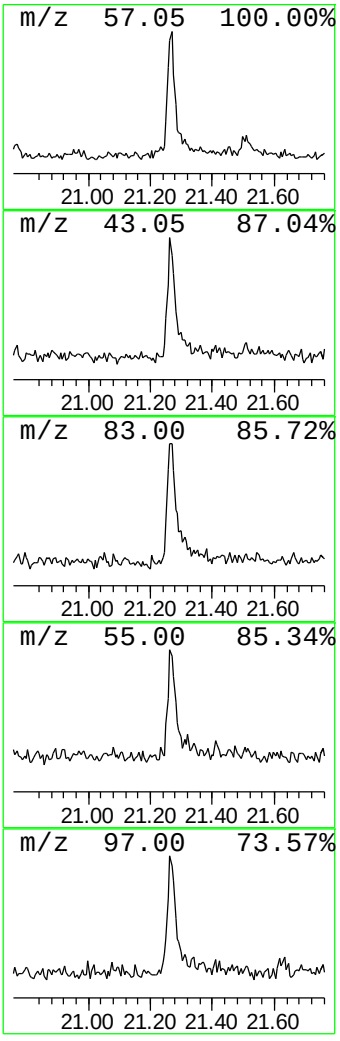
****

Peak Number 4 (DEL) Alkane: Cyclic21.26 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.26	2.16 ng/ul	151026	Chrysene-d12	21.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	93
2	1-Nonadecanol	284	C19H40O	001454-84-8	93
3	1-Tetracosanol	354	C24H50O	000506-51-4	91
4	1-Tricosene	322	C23H46	018835-32-0	91
5	1-Docosene	308	C22H44	001599-67-3	90





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.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
Amylene Hydrate	2.88	11.7	ng/ul	169820	1	8.00	290878	20.0
Butane, 2-methoxy...	3.18	249.9	ng/ul	3634970	1	8.00	290878	20.0
(DEL) Alkane: Cyc...	21.26	2.2	ng/ul	151026	5	21.63	1401040	20.0