LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018804.D
Acq On : 22 Sep 2015 4:51
Operator : TP
Sample : G3731-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AQ5

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	3.107	41	46	53	rVB	46618	74422	5.85%	0.495%
2	3.178	53	58	68	rBV	903776	1255339	98.71%	8.357%
3	3.430	100	101	107	rBV5	2912	4541	0.36%	0.030%
4	3.701	144	147	148	rBV2	2453	2055	0.16%	0.014%
5	3.718	148	150	155	rVV3	2034	2701	0.21%	0.018%
6	4.094	211	214	219	rVB3	2344	3438	0.27%	0.023%
7	4.277	244	245	249	rVB3	2282	2261	0.18%	0.015%
8	5.316	416	422	429	rVB	52797	80490	6.33%	0.536%
9	6.098	550	555	556	rVB4	1497	1776	0.14%	0.012%
10	7.167	731	737	744	rBV2	24150	41483	3.26%	0.276%
11	7.320	755	763	771	rBV	102308	170688	13.42%	1.136%
12	7.532	793	799	811	rVB	99856	168067	13.21%	1.119%
13	7.890	853	860	866	rBV	34356	58212	4.58%	0.388%
14	8.002	872	879	880	rBV	143670	206346	16.22%	1.374%
15	8.037	880	885	895	rVB	698176	1164409	91.56%	7.751%
16	8.354	932	939	947	rBV	142107	243877	19.18%	1.623%
17	8.701	991	998	1007	rBV	73678	129794	10.21%	0.864%
18	9.153	1069	1075	1083	rBV	113555	197812	15.55%	1.317%
19	9.494	1130	1133	1138	rVB2	4734	5725	0.45%	0.038%
20	9.811	1185	1187	1192	rVB4	4430	5966	0.47%	0.040%
21	9.882	1192	1199	1205	rBV	88903	158015	12.42%	1.052%
22	10.422	1284	1291	1299	rBV	143290	257076	20.21%	1.711%
23	10.493	1299	1303	1310	rVB4	8564	15992	1.26%	0.106%
24	10.587	1316	1319	1320	rBV2	2035	1896	0.15%	0.013%
25	10.663	1325	1332	1342	rVV	346531	598088	47.03%	3.981%
26	10.804	1347	1356	1363	rBV	196069	352918	27.75%	2.349%
27	10.939	1373	1379	1383	rVB4	3772	6217	0.49%	0.041%
28	11.186	1414	1421	1428	rBV	102748	176677	13.89%	1.176%
29	11.627	1492	1496	1500	rBV3	1066	2101	0.17%	0.014%
30	12.819	1692	1699	1705	rBV4	5794	11143	0.88%	0.074%
31	12.984	1723	1727	1730	rBV4	2019	2962	0.23%	0.020%
32	13.231	1766	1769	1770	rBV3	2298	2699	0.21%	0.018%
33	13.431	1796	1803	1809	rBV2	33792	56610	4.45%	0.377%
34	13.648	1837	1840	1844	rVB4	2351	2754	0.22%	0.018%

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Instrument : BNA_G
ClientSampleId : C0AQ5

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	14.024	1899	1904	1909	rBV	345501	503958	39.63%	3.355%
36	14.071	1909	1912	1919	rVB	107557	141706	11.14%	0.943%
37	14.318	1947	1954	1963	rVV	384386	581483	45.72%	3.871%
38	14.388	1963	1966	1970	rVB2	1356	1882	0.15%	0.013%
39	14.623	2000	2006	2016	rVB2	347371	575101	45.22%	3.828%
40	14.829	2036	2041	2050	rBV2	21879	43930	3.45%	0.292%
41	14.952	2058	2062	2068	rVB5	1775	2232	0.18%	0.015%
42	15.199	2099	2104	2109	rBV4	1973	3560	0.28%	0.024%
43	15.416	2137	2141	2142	rBV2	4045	5134	0.40%	0.034%
44	15.428	2142	2143	2147	rVV2	6685	7082	0.56%	0.047%
45	15.458	2147	2148	2156	rVB4	3435	4565	0.36%	0.030%
46	15.616	2168	2175	2182	rBV	538320	831400	65.37%	5.534%
47	15.728	2187	2194	2206	rVV	138512	207166	16.29%	1.379%
48	15.810	2206	2208	2211	rVV2	3529	4635	0.36%	0.031%
49	15.857	2211	2216	2222	rVB4	7717	14413	1.13%	0.096%
50	16.321	2292	2295	2298	rBV3	6838	8537	0.67%	0.057%
51	16.445	2313	2316	2319	rBV5	1497	1745	0.14%	0.012%
52	16.498	2323	2325	2329	rVB2	2293	2353	0.19%	0.016%
53	16.891	2385	2392	2394	rBV4	2121	3672	0.29%	0.024%
54	17.114	2426	2430	2434	rBV2	10931	15906	1.25%	0.106%
55	17.161	2434	2438	2443	rVB5	6141	11706	0.92%	0.078%
56	17.273	2455	2457	2460	rVB4	2043	2460	0.19%	0.016%
57	17.367	2466	2473	2480	rBV	560407	815801	64.15%	5.431%
58	17.467	2482	2490	2498	rVV	678030	1016554	79.93%	6.767%
59	17.590	2508	2511	2513	rBV3	2689	2483	0.20%	0.017%
60	17.649	2517	2521	2523	rBV3	2128	3062	0.24%	0.020%
61	17.737	2535	2536	2539	rBV3	3062	2147	0.17%	0.014%
62	17.855	2552	2556	2560	rVB2	12589	14859	1.17%	0.099%
63	18.031	2583	2586	2589	rVB4	2456	2630	0.21%	0.018%
64	18.248	2619	2623	2632	rBV4	19274	30713	2.41%	0.204%
65	18.454	2657	2658	2661	rBV2	2045	1767	0.14%	0.012%
66	18.507	2663	2667	2668	rBV3	2205	2753	0.22%	0.018%
67	18.542	2670	2673	2676	rBV3	5905	7052	0.55%	0.047%
68	19.218	2784	2788	2793	rBV2	30352	42280	3.32%	0.281%
69	19.635	2857	2859	2864	rVB3	7329	9526	0.75%	0.063%
70	19.753	2873	2879	2893	rVB	856556	1271803	100.00%	8.466%
71	20.769	3049	3052	3054	rBV4	5496	6411	0.50%	0.043%

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

72	21.268	3133	3137	3142	rBV5	21703	38220	3.01%	0.254%
73	21.627	3191	3198	3205	rBV	699421	1101441	86.60%	7.332%
74	21.744	3212	3218	3223	rBV	87990	132496	10.42%	0.882%
75	22.408	3329	3331	3336	rVB5	10187	13025	1.02%	0.087%
76	23.096	3444	3448	3455	rVB8	11385	21450	1.69%	0.143%
77	24.594	3693	3703	3718	rVB	295400	808244	63.55%	5.380%
78	24.811	3730	3740	3755	rVB	408299	1131305	88.95%	7.531%
79	25.299	3817	3823	3830	rVB3	40573	101771	8.00%	0.677%
80	29.905	4606	4607	4610	rBV3	5814	5265	0.41%	0.035%

Sum of corrected areas: 15022234

LSC Report - Integrated Chromatogram

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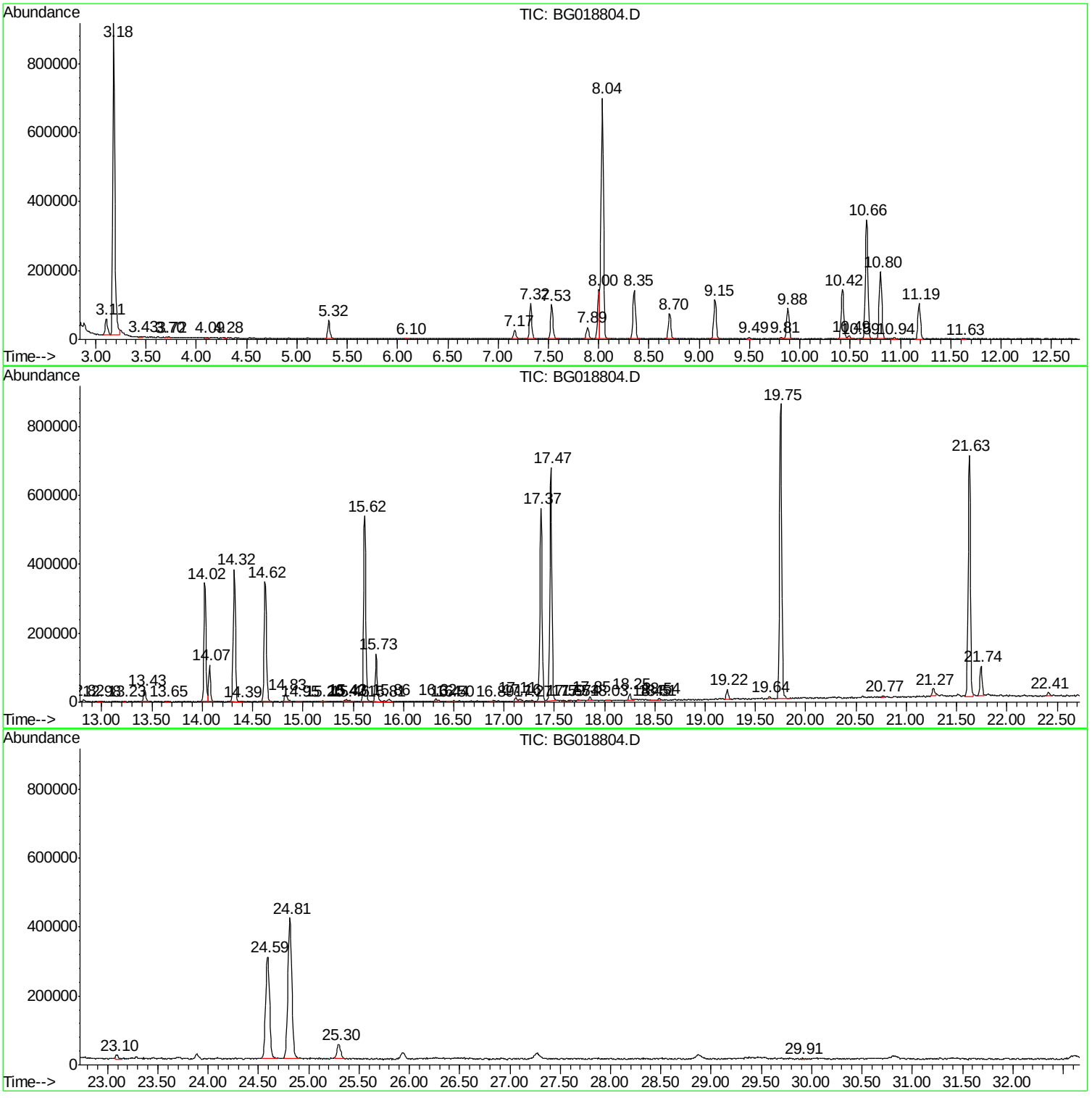
Instrument : BNA_G
ClientSampleId : C0AQ5

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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Operator : TP
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Instrument : BNA_G
ClientSampleId : C0AQ5

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

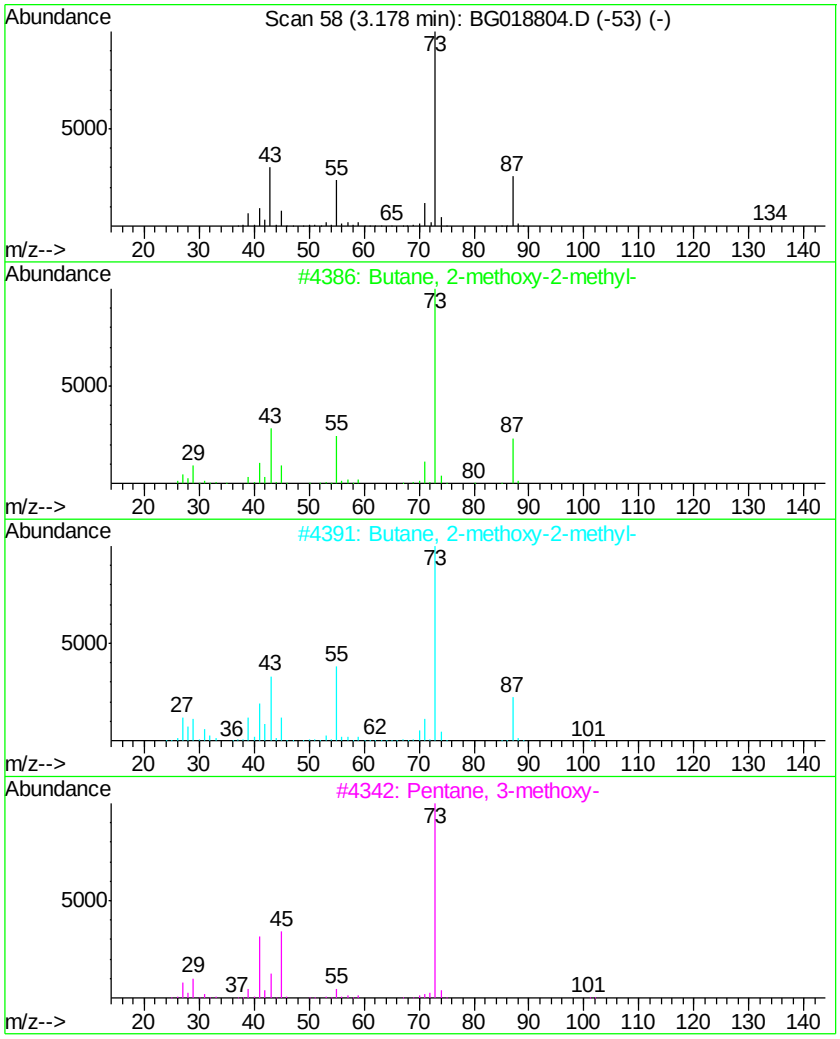
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

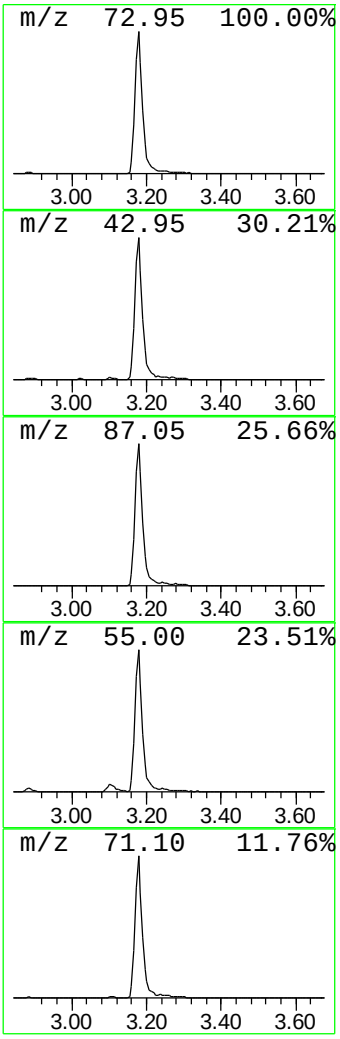
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	121.67 ng/ul	1255340	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	86
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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

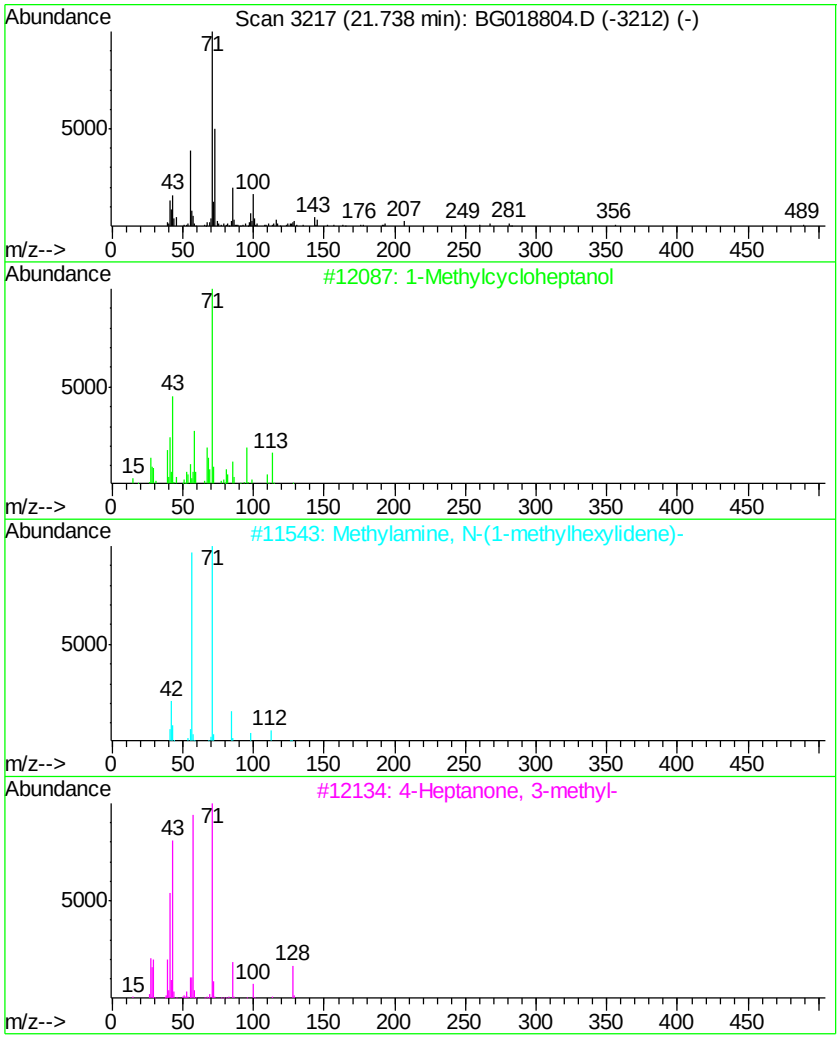
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

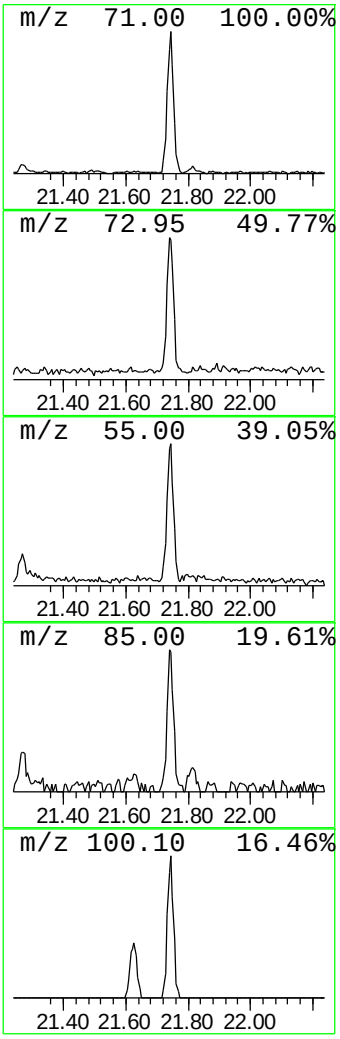
****

Peak Number 8 1-Methylcycloheptanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	2.41 ng/ul	132496	Chrysene-d12	21.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylcycloheptanol	128	C8H16O	003761-94-2	50
2	Methylamine, N-(1-methylhexylide...	127	C8H17N	022058-71-5	47
3	4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	42
4	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	38
5	(+-)-3-Methyl-1-penten-3-ol	100	C6H12O	086361-10-6	38





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
Butane, 2-methoxy...	3.18	121.7	ng/ul	1255340	1	8.00	206346	20.0
1-Methylcyclohept...	21.74	2.4	ng/ul	132496	5	21.63	1101440	20.0