LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018783.D
Acq On : 21 Sep 2015 15:28
Operator : TP
Sample : G3696-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP4

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	2.885	5	8	15	rVB	22737	28106	2.27%	0.224%
2	3.102	40	45	53	rBV	55709	95993	7.76%	0.764%
3	3.179	53	58	72	rVB	914640	1236600	100.00%	9.840%
4	3.443	99	103	105	rBV4	3633	3851	0.31%	0.031%
5	4.089	211	213	216	rBV2	2252	2944	0.24%	0.023%
6	4.189	226	230	232	rBV4	1817	2273	0.18%	0.018%
7	4.283	243	246	249	rBV3	1502	2017	0.16%	0.016%
8	4.536	286	289	292	rBV3	1085	1841	0.15%	0.015%
9	4.665	307	311	313	rVV2	1675	2224	0.18%	0.018%
10	5.958	528	531	535	rBV3	1498	1966	0.16%	0.016%
11	7.168	732	737	745	rVB	23716	42449	3.43%	0.338%
12	7.321	757	763	774	rBV	89657	150753	12.19%	1.200%
13	7.532	792	799	806	rBV	82281	143000	11.56%	1.138%
14	8.002	872	879	889	rVB	131781	229310	18.54%	1.825%
15	8.707	993	999	1006	rVV	73849	122271	9.89%	0.973%
16	9.160	1068	1076	1084	rBV	95955	169351	13.69%	1.348%
17	9.324	1101	1104	1107	rVB3	1746	2065	0.17%	0.016%
18	9.671	1161	1163	1166	rVB2	1761	1887	0.15%	0.015%
19	9.882	1191	1199	1208	rVV2	77250	140999	11.40%	1.122%
20	10.423	1284	1291	1303	rBV	118721	217111	17.56%	1.728%
21	10.805	1348	1356	1364	rVB	195569	355344	28.74%	2.827%
22	10.887	1367	1370	1374	rVV2	1102	1960	0.16%	0.016%
23	10.940	1374	1379	1387	rVB2	8553	16659	1.35%	0.133%
24	14.025	1897	1904	1909	rBV	301940	449018	36.31%	3.573%
25	14.072	1909	1912	1919	rVB	48600	73893	5.98%	0.588%
26	14.318	1944	1954	1961	rBV	325472	520919	42.13%	4.145%
27	14.518	1984	1988	1991	rVB4	2787	3673	0.30%	0.029%
28	14.630	1999	2007	2015	rBV2	359307	582393	47.10%	4.634%
29	14.835	2034	2042	2049	rBV3	22839	45632	3.69%	0.363%
30	15.206	2103	2105	2109	rVB2	1947	1915	0.15%	0.015%
31	15.364	2130	2132	2135	rVV3	1650	1969	0.16%	0.016%
32	15.429	2137	2143	2145	rVV4	1919	3220	0.26%	0.026%
33	15.464	2145	2149	2153	rVB2	9080	11177	0.90%	0.089%
34	15.617	2167	2175	2182	rBV	470170	717605	58.03%	5.710%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018783.D
Acq On : 21 Sep 2015 15:28
Operator : TP
Sample : G3696-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP4

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	15.729	2188	2194	2202	rBV	106480	166269	13.45%	1.323%
36	15.858	2211	2216	2223	rVB4	8004	12685	1.03%	0.101%
37	16.087	2253	2255	2259	rVB4	2139	2092	0.17%	0.017%
38	16.293	2285	2290	2291	rBV	1457	2125	0.17%	0.017%
39	16.322	2291	2295	2298	rBV3	11599	14743	1.19%	0.117%
40	16.439	2313	2315	2320	rVV2	1416	2670	0.22%	0.021%
41	16.492	2323	2324	2329	rVB3	2312	3361	0.27%	0.027%
42	16.569	2334	2337	2343	rBV4	2923	3524	0.28%	0.028%
43	16.716	2359	2362	2367	rVB3	1799	3069	0.25%	0.024%
44	16.839	2380	2383	2386	rVB3	1985	2330	0.19%	0.019%
45	16.933	2397	2399	2403	rBV4	2787	2779	0.22%	0.022%
46	17.115	2426	2430	2434	rBV4	11999	15866	1.28%	0.126%
47	17.162	2434	2438	2444	rVB4	7677	11552	0.93%	0.092%
48	17.262	2450	2455	2456	rBV3	1341	2188	0.18%	0.017%
49	17.368	2466	2473	2480	rBV2	576566	861492	69.67%	6.855%
50	17.468	2483	2490	2500	rVB2	582468	870394	70.39%	6.926%
51	17.720	2530	2533	2536	rBV3	1485	1915	0.15%	0.015%
52	17.855	2551	2556	2560	rBV4	5538	8256	0.67%	0.066%
53	17.897	2560	2563	2565	rVV2	1630	2029	0.16%	0.016%
54	17.973	2574	2576	2579	rVB3	2448	2035	0.16%	0.016%
55	18.026	2582	2585	2592	rVB5	2807	5576	0.45%	0.044%
56	18.173	2605	2610	2612	rVB4	1693	2658	0.21%	0.021%
57	18.249	2620	2623	2627	rBV4	11041	16445	1.33%	0.131%
58	18.549	2670	2674	2676	rBV4	1646	2395	0.19%	0.019%
59	18.608	2682	2684	2686	rVB2	2243	1942	0.16%	0.015%
60	18.672	2694	2695	2697	rBV2	3529	2149	0.17%	0.017%
61	18.813	2717	2719	2723	rVB4	2279	2535	0.20%	0.020%
62	18.860	2723	2727	2729	rBV4	2338	2754	0.22%	0.022%
63	18.907	2731	2735	2736	rBV4	2466	2867	0.23%	0.023%
64	18.978	2746	2747	2751	rBV4	2682	3007	0.24%	0.024%
65	19.048	2755	2759	2764	rBV7	2796	4612	0.37%	0.037%
66	19.083	2764	2765	2767	rBV2	2914	2002	0.16%	0.016%
67	19.224	2783	2789	2794	rVV	78708	105273	8.51%	0.838%
68	19.642	2853	2860	2863	rVV3	6956	13554	1.10%	0.108%
69	19.665	2863	2864	2869	rVV5	3756	4216	0.34%	0.034%
70	19.753	2871	2879	2884	rVV	770828	1115938	90.24%	8.879%
71	19.788	2884	2885	2890	rVV	29664	27832	2.25%	0.221%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018783.D
Acq On : 21 Sep 2015 15:28
Operator : TP
Sample : G3696-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP4

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

72	19.853	2894	2896	2899	rVB4	3269	3420	0.28%	0.027%
73	19.947	2908	2912	2914	rBV5	1853	2726	0.22%	0.022%
74	19.976	2915	2917	2920	rVB3	3605	3245	0.26%	0.026%
75	20.200	2954	2955	2957	rBV2	3938	2503	0.20%	0.020%
76	20.341	2977	2979	2981	rVB3	3636	2893	0.23%	0.023%
77	20.370	2981	2984	2987	rBV5	2927	3806	0.31%	0.030%
78	20.541	3012	3013	3014	rBV	4067	2640	0.21%	0.021%
79	20.564	3015	3017	3018	rVB2	4008	2487	0.20%	0.020%
80	20.605	3023	3024	3026	rBV2	3783	3681	0.30%	0.029%
81	20.699	3038	3040	3043	rVB4	3342	3099	0.25%	0.025%
82	21.175	3119	3121	3123	rBV2	3999	3303	0.27%	0.026%
83	21.293	3134	3141	3146	rBV8	8171	21964	1.78%	0.175%
84	21.351	3147	3151	3158	rVB	26951	41846	3.38%	0.333%
85	21.569	3186	3188	3190	rBV3	6452	6071	0.49%	0.048%
86	21.628	3191	3198	3211	rVB	745600	1183491	95.71%	9.417%
87	21.745	3211	3218	3224	rBV	183226	272270	22.02%	2.166%
88	21.816	3228	3230	3232	rVV3	5043	3893	0.31%	0.031%
89	22.444	3335	3337	3341	rVB5	5128	3289	0.27%	0.026%
90	23.690	3547	3549	3554	rBV6	5851	11204	0.91%	0.089%
91	23.878	3580	3581	3582	rBV	7662	4353	0.35%	0.035%
92	23.948	3591	3593	3594	rBV2	6502	4438	0.36%	0.035%
93	24.595	3693	3703	3713	rVB	336580	892934	72.21%	7.105%
94	24.818	3730	3741	3753	rBV2	420597	1163308	94.07%	9.256%
95	25.300	3816	3823	3834	rBV2	78471	212467	17.18%	1.691%
96	25.405	3840	3841	3843	rBV2	4697	2345	0.19%	0.019%
97	29.812	4589	4591	4592	rBV2	5230	4556	0.37%	0.036%
98	31.269	4837	4839	4842	rBV4	5818	3814	0.31%	0.030%
99	32.491	5045	5047	5049	rBV3	5238	4159	0.34%	0.033%
100	32.609	5064	5067	5068	rBV2	7271	7952	0.64%	0.063%

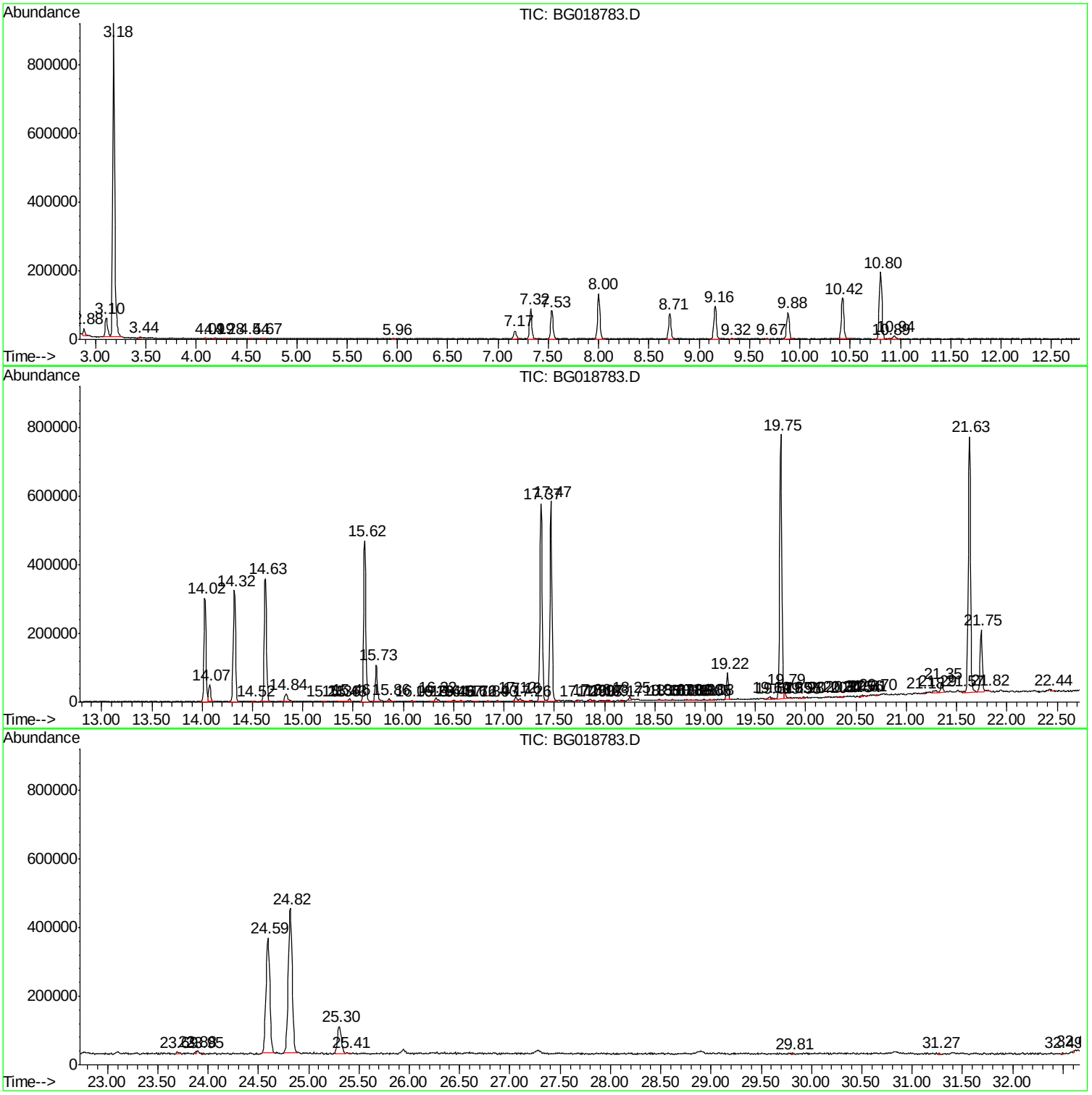
Sum of corrected areas: 12567674

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018783.D
Acq On : 21 Sep 2015 15:28
Operator : TP
Sample : G3696-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AP4

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018783.D
Acq On : 21 Sep 2015 15:28
Operator : TP
Sample : G3696-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP4

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

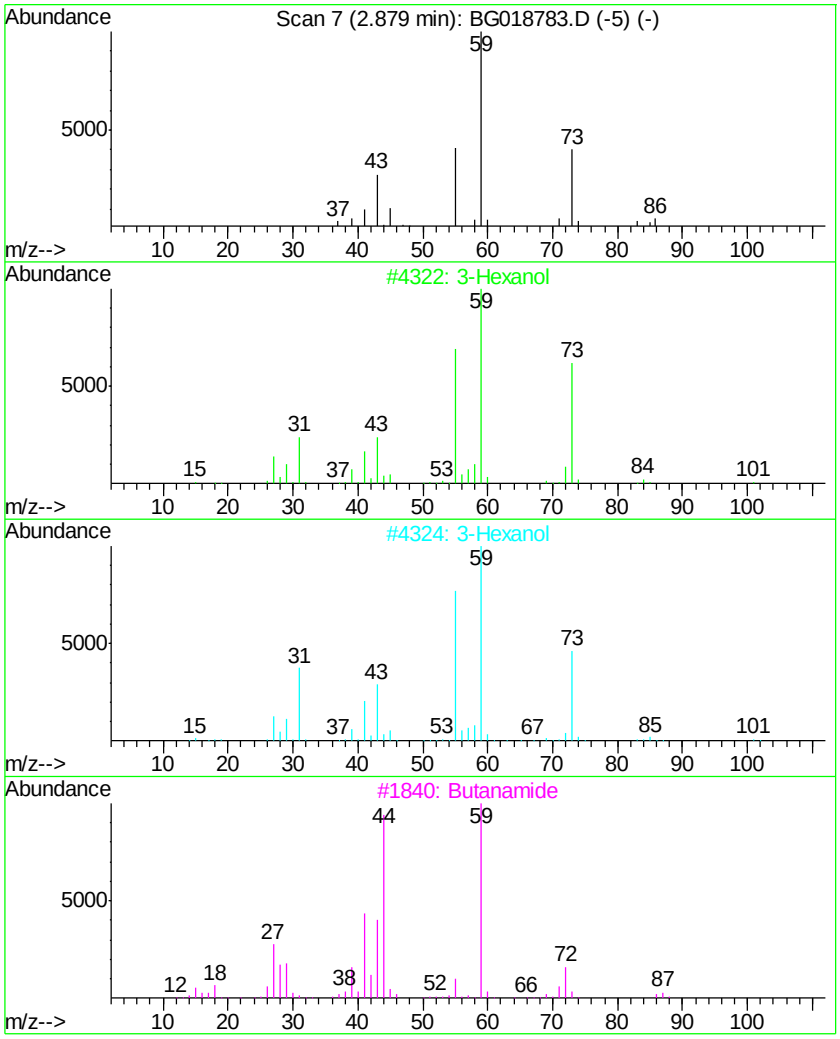
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

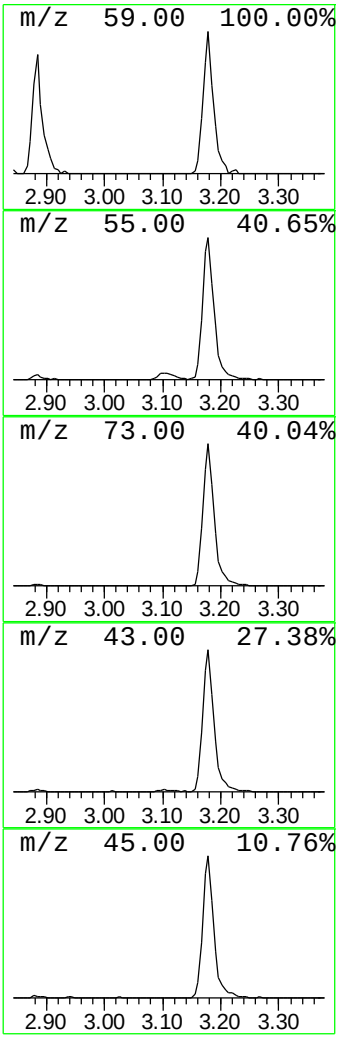
****

Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	2.45 ng/ul	28106	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	39
2	3-Hexanol	102	C6H14O	000623-37-0	38
3	Butanamide	87	C4H9NO	000541-35-5	38
4	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	36
5	2-Hexanone, 3-hydroxy-3,5-dimethyl-	144	C8H16O2	006321-14-8	36





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018783.D
Acq On : 21 Sep 2015 15:28
Operator : TP
Sample : G3696-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP4

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

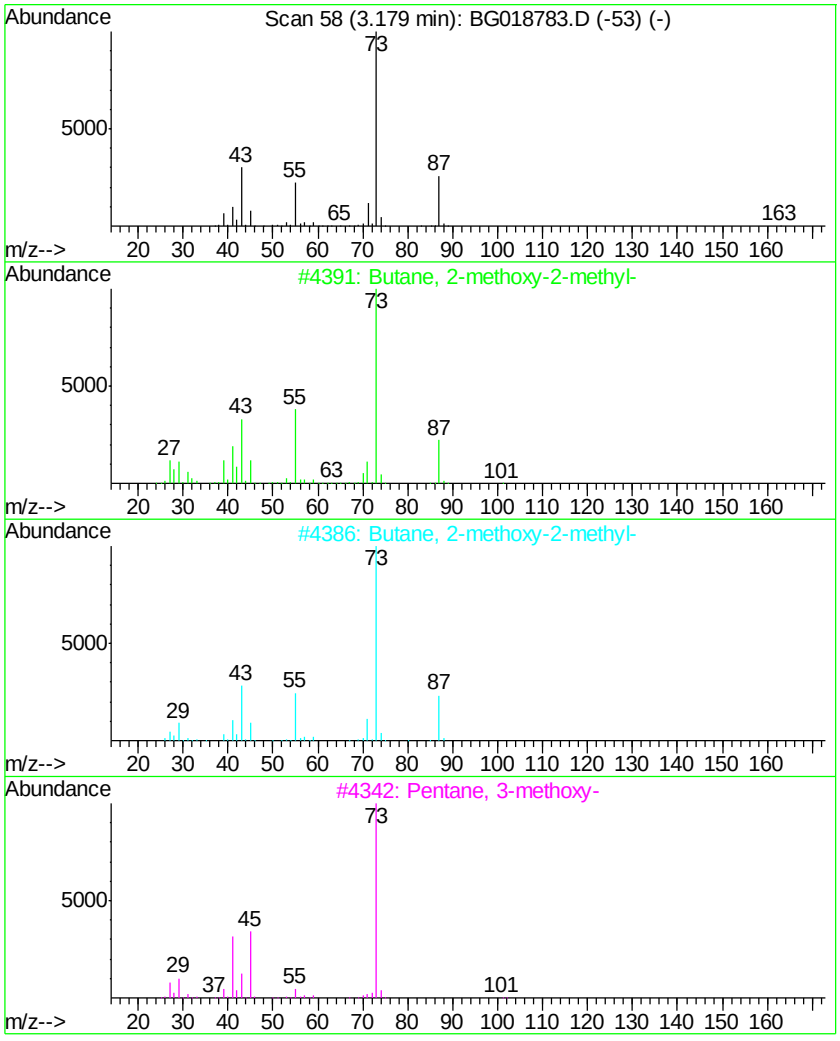
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

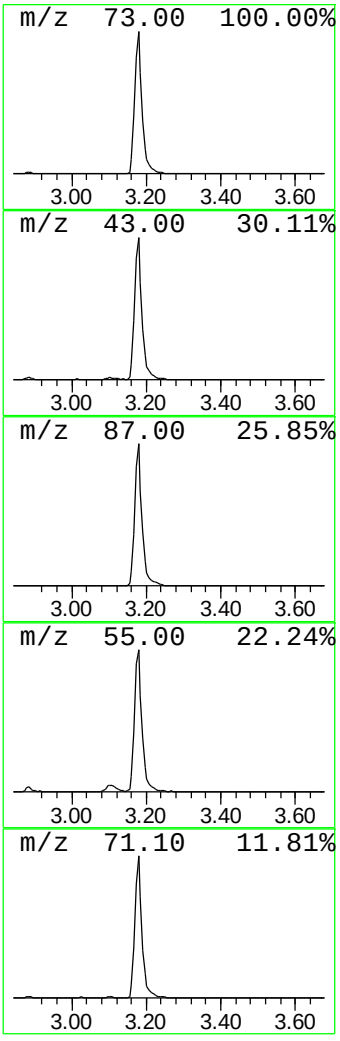
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	107.85 ng/ul	1236600	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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018783.D
Acq On : 21 Sep 2015 15:28
Operator : TP
Sample : G3696-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP4

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

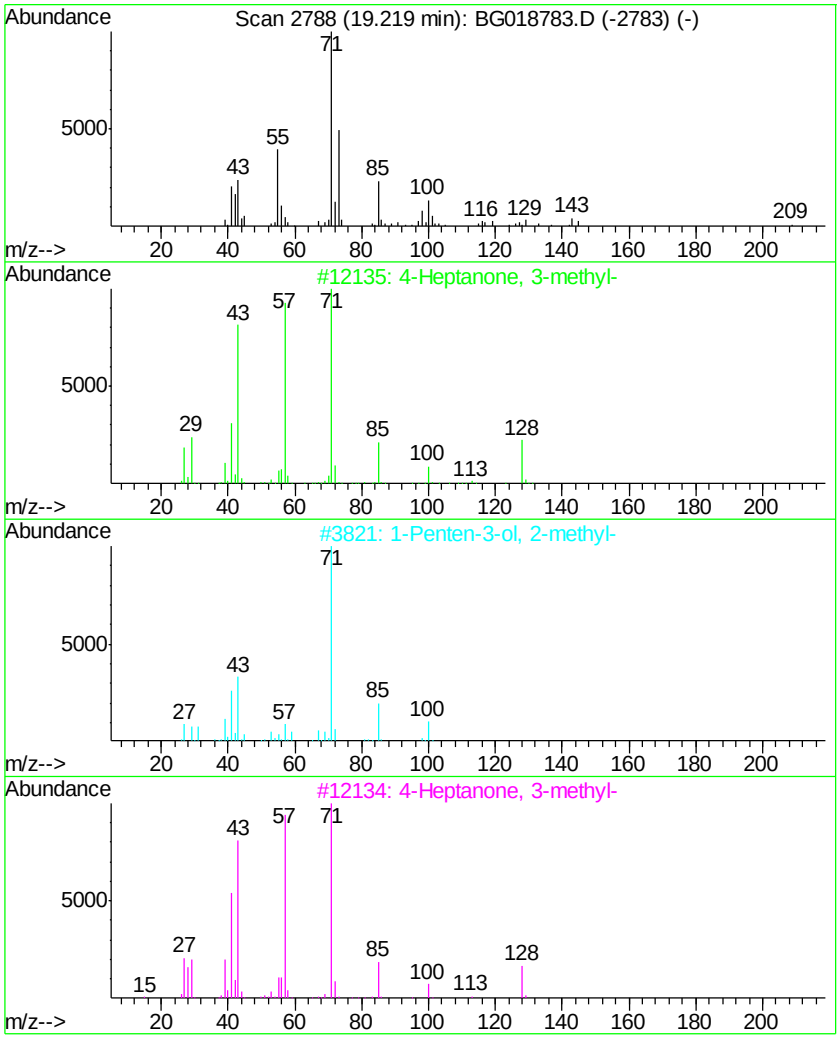
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

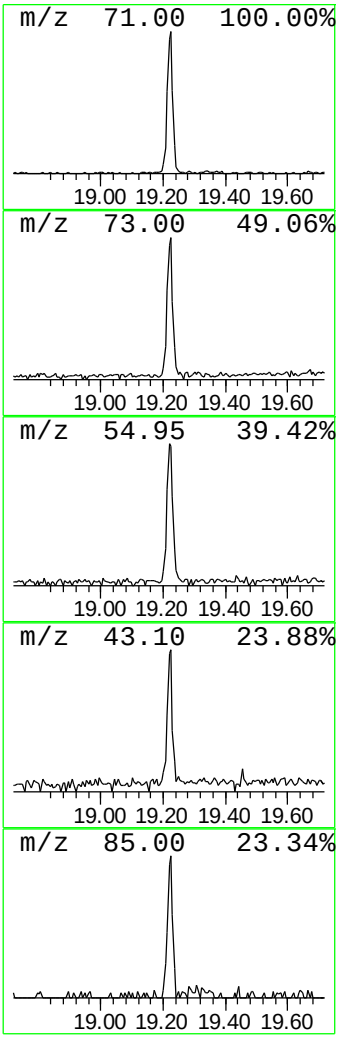
****

Peak Number 4 4-Heptanone, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	2.44 ng/ul	105273	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	64
2	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	59
3	4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	50
4	Furan, 2-butyltetrahydro-	128	C8H16O	001004-29-1	43
5	2-Furanmethanamine, tetrahydro-	101	C5H11NO	004795-29-3	40





Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018783.D
Acq On : 21 Sep 2015 15:28
Operator : TP
Sample : G3696-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP4

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

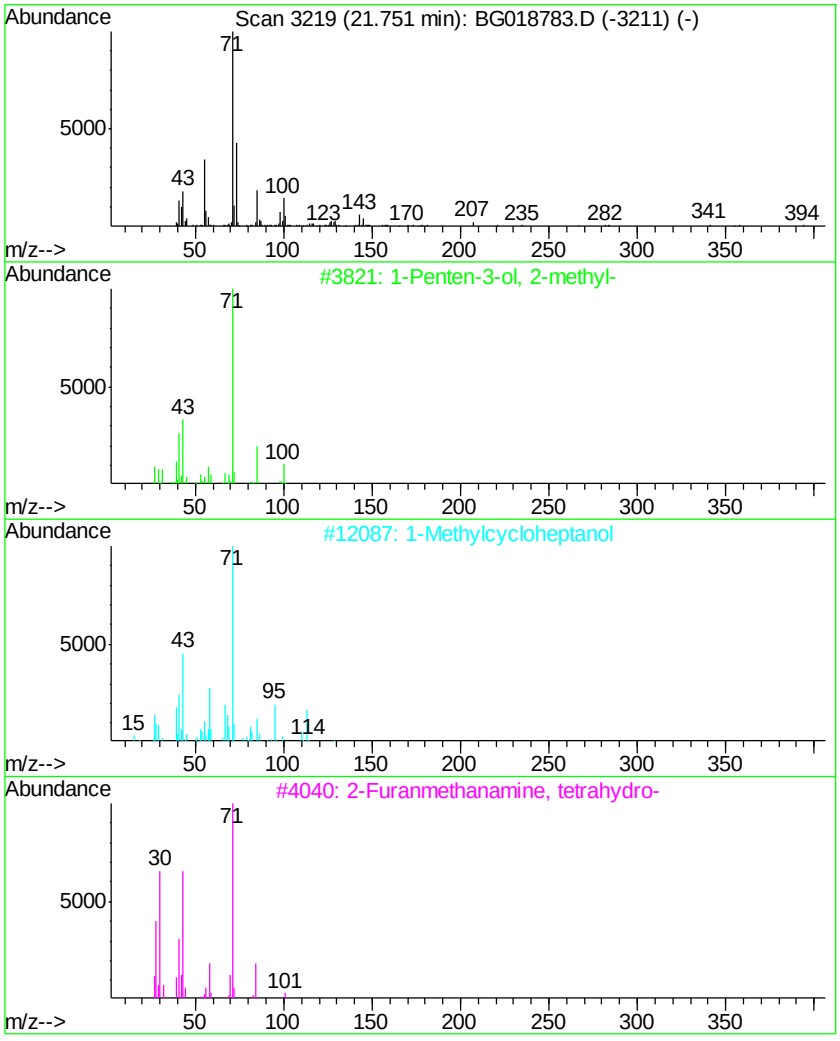
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

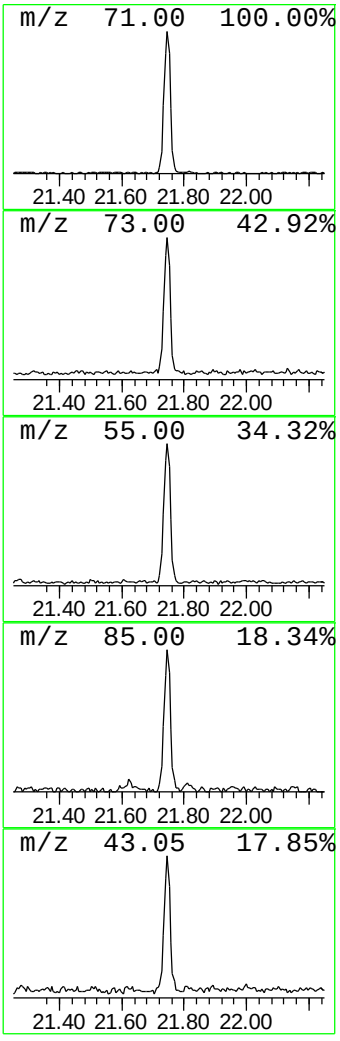
****

Peak Number 5 1-Penten-3-ol, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.75	4.60 ng/ul	272270	Chrysene-d12	21.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	72
2	1-Methylcycloheptanol	128	C8H16O	003761-94-2	53
3	2-Furanmethanamine, tetrahydro-	101	C5H11NO	004795-29-3	50
4	Octanoic acid, 2-tetrahydrofuryl...	228	C13H24O3	033601-75-1	45
5	Oxirane, 3-hydroxypropyl-	102	C5H10O2	021915-56-0	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018783.D
Acq On : 21 Sep 2015 15:28
Operator : TP
Sample : G3696-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP4

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

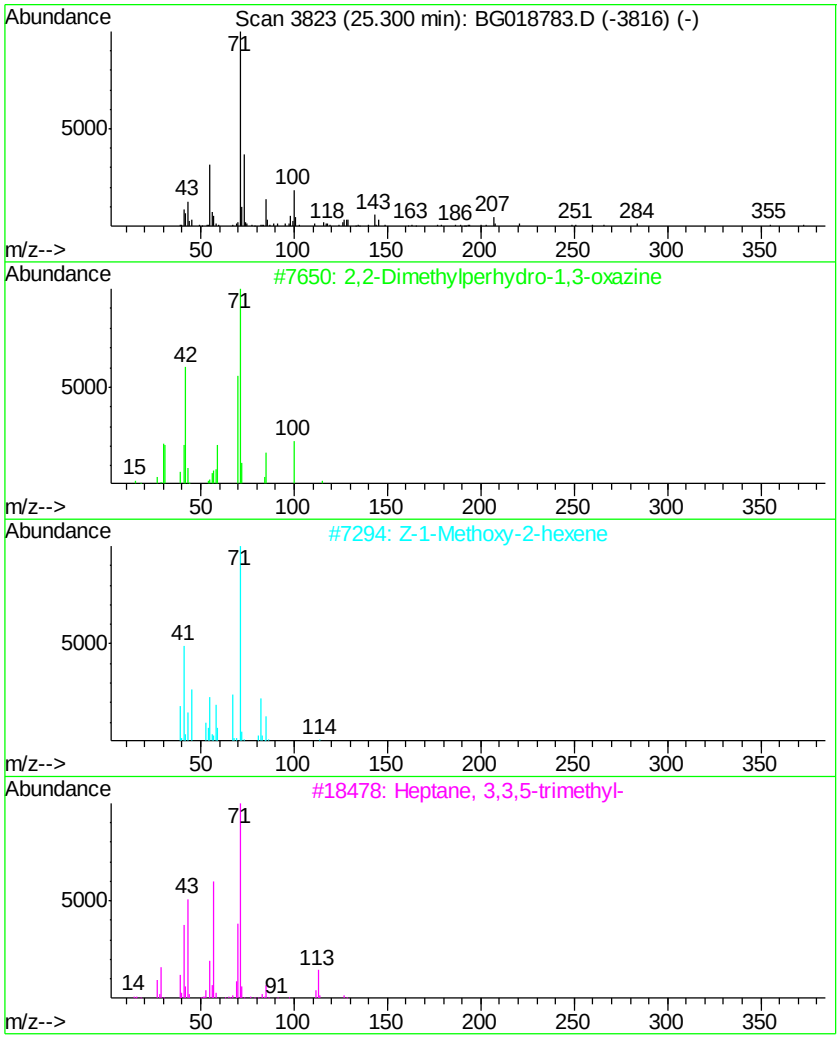
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

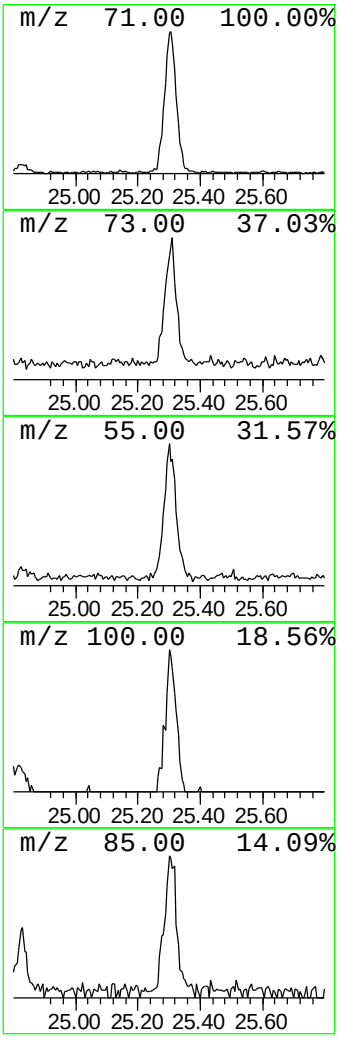
****

Peak Number 6 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.30	3.65 ng/ul	212467	Perylene-d12	24.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylperhydro-1,3-oxazine	115	C6H13NO	073155-29-0	45
2	Z-1-Methoxy-2-hexene	114	C7H14O	1000279-60-9	33
3	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	33
4	5-Methyl-4-octanone	142	C9H18O	006175-51-5	33
5	Octane, 2,6,6-trimethyl-	156	C11H24	054166-32-4	28





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092115\
Data File : BG018783.D
Acq On : 21 Sep 2015 15:28
Operator : TP
Sample : G3696-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP4

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
unknown-01	2.88	2.5	ng/ul	28106	1	8.00	229310	20.0
Butane, 2-methoxy...	3.18	107.8	ng/ul	1236600	1	8.00	229310	20.0
4-Heptanone, 3-me...	19.22	2.4	ng/ul	105273	4	17.37	861492	20.0
1-Penten-3-ol, 2-...	21.75	4.6	ng/ul	272270	5	21.63	1183490	20.0
unknown-02	25.30	3.6	ng/ul	212467	6	24.82	1163310	20.0