LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018789.D
Acq On : 21 Sep 2015 19:17
Operator : TP
Sample : G3696-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AR1

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	13	rVB2	11482	14542	0.88%	0.087%
2	3.102	40	45	53	rBV	62101	103634	6.26%	0.624%
3	3.179	53	58	76	rVB	986969	1375120	83.08%	8.274%
4	3.437	98	102	106	rVV3	3133	4033	0.24%	0.024%
5	4.195	227	231	234	rVV3	2292	3228	0.20%	0.019%
6	4.295	243	248	250	rVB4	2080	3188	0.19%	0.019%
7	5.106	381	386	391	rVB	13574	20247	1.22%	0.122%
8	7.168	731	737	745	rVB2	33449	57023	3.45%	0.343%
9	7.321	755	763	774	rVB	140423	226551	13.69%	1.363%
10	7.532	792	799	808	rBV	127100	214346	12.95%	1.290%
11	8.002	871	879	888	rBV	146034	249933	15.10%	1.504%
12	8.707	991	999	1007	rBV	104492	184375	11.14%	1.109%
13	9.160	1068	1076	1084	rBV	150841	269062	16.26%	1.619%
14	9.882	1191	1199	1205	rBV	120077	218385	13.19%	1.314%
15	10.423	1282	1291	1300	rBV	193087	342584	20.70%	2.061%
16	10.805	1346	1356	1366	rBV	221318	396288	23.94%	2.384%
17	10.934	1372	1378	1383	rBV4	8385	15440	0.93%	0.093%
18	12.979	1724	1726	1732	rVV5	3215	5295	0.32%	0.032%
19	13.226	1764	1768	1774	rBV2	5123	8805	0.53%	0.053%
20	14.031	1898	1905	1909	rBV	470456	690008	41.69%	4.152%
21	14.072	1909	1912	1918	rVB	55167	74928	4.53%	0.451%
22	14.154	1924	1926	1929	rVB3	3855	3459	0.21%	0.021%
23	14.318	1947	1954	1964	rVB	517834	814146	49.19%	4.899%
24	14.512	1985	1987	1993	rVB4	3566	5023	0.30%	0.030%
25	14.624	1997	2006	2015	rBV2	403089	651570	39.36%	3.920%
26	14.835	2034	2042	2051	rBV3	31655	67701	4.09%	0.407%
27	15.035	2073	2076	2078	rVV2	1897	2750	0.17%	0.017%
28	15.353	2123	2130	2137	rBV	101210	141793	8.57%	0.853%
29	15.411	2137	2140	2141	rBV3	3851	2794	0.17%	0.017%
30	15.464	2146	2149	2154	rVB4	8372	11218	0.68%	0.067%
31	15.617	2168	2175	2182	rBV	742351	1103970	66.70%	6.643%
32	15.729	2188	2194	2203	rBV	176731	275044	16.62%	1.655%
33	15.817	2205	2209	2211	rVV	5977	6912	0.42%	0.042%
34	15.852	2212	2215	2222	rVB5	11080	19635	1.19%	0.118%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018789.D
Acq On : 21 Sep 2015 19:17
Operator : TP
Sample : G3696-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AR1

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	15.969	2233	2235	2239	rBV2	2196	3055	0.18%	0.018%
36	16.087	2251	2255	2259	rVB3	2023	3083	0.19%	0.019%
37	16.328	2292	2296	2298	rBV3	13666	19028	1.15%	0.114%
38	16.504	2321	2326	2330	rBV6	5618	8233	0.50%	0.050%
39	16.569	2333	2337	2340	rVB2	3641	4329	0.26%	0.026%
40	16.675	2350	2355	2356	rBV4	2091	3219	0.19%	0.019%
41	16.774	2371	2372	2377	rVB4	2586	3142	0.19%	0.019%
42	16.833	2379	2382	2385	rBV2	3251	4530	0.27%	0.027%
43	16.910	2391	2395	2397	rVB3	2264	2865	0.17%	0.017%
44	16.957	2399	2403	2409	rVB	19727	26181	1.58%	0.158%
45	17.115	2426	2430	2433	rBV3	14083	17182	1.04%	0.103%
46	17.162	2433	2438	2443	rVB2	29894	44065	2.66%	0.265%
47	17.368	2466	2473	2482	rBV	628193	909399	54.94%	5.472%
48	17.468	2483	2490	2497	rVV	885764	1325850	80.10%	7.978%
49	17.744	2536	2537	2541	rVV4	2739	2846	0.17%	0.017%
50	17.855	2553	2556	2560	rBV3	9006	10199	0.62%	0.061%
51	18.032	2580	2586	2590	rVB7	5936	9603	0.58%	0.058%
52	18.249	2619	2623	2626	rVV6	5531	7551	0.46%	0.045%
53	18.549	2671	2674	2677	rVB4	3918	4346	0.26%	0.026%
54	18.672	2690	2695	2698	rBV7	4058	5608	0.34%	0.034%
55	18.825	2716	2721	2725	rVB5	2352	5452	0.33%	0.033%
56	19.007	2746	2752	2757	rBV2	24032	31543	1.91%	0.190%
57	19.166	2777	2779	2783	rBV4	1827	2966	0.18%	0.018%
58	19.219	2783	2788	2794	rVB	140265	183344	11.08%	1.103%
59	19.313	2802	2804	2807	rVV4	3032	3774	0.23%	0.023%
60	19.354	2807	2811	2814	rVV6	2294	4696	0.28%	0.028%
61	19.601	2850	2853	2855	rBV4	2649	2833	0.17%	0.017%
62	19.642	2855	2860	2863	rBV	10251	13875	0.84%	0.083%
63	19.753	2872	2879	2882	rVV	1213858	1655225	100.00%	9.959%
64	19.789	2882	2885	2896	rVV	306186	419737	25.36%	2.526%
65	19.935	2908	2910	2913	rVB3	2745	2791	0.17%	0.017%
66	20.341	2977	2979	2984	rBV6	3543	4996	0.30%	0.030%
67	20.611	3022	3025	3027	rBV4	2738	3878	0.23%	0.023%
68	20.658	3031	3033	3036	rBV4	2636	2769	0.17%	0.017%
69	20.752	3046	3049	3050	rBV4	3608	4505	0.27%	0.027%
70	20.899	3073	3074	3077	rVB3	4798	3046	0.18%	0.018%
71	21.346	3146	3150	3157	rBV5	9696	18357	1.11%	0.110%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018789.D
Acq On : 21 Sep 2015 19:17
Operator : TP
Sample : G3696-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AR1

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	21.398	3157	3159	3161	rBV3	3857	3718	0.22%	0.022%
73	21.510	3176	3178	3180	rBV3	5319	4136	0.25%	0.025%
74	21.628	3191	3198	3206	rVB	693451	1130398	68.29%	6.802%
75	21.745	3212	3218	3227	rVB	229988	328627	19.85%	1.977%
76	21.804	3227	3228	3231	rBV3	4685	5364	0.32%	0.032%
77	23.096	3446	3448	3451	rVB4	6301	6827	0.41%	0.041%
78	23.185	3461	3463	3466	rBV4	4606	5513	0.33%	0.033%
79	23.878	3579	3581	3582	rBV2	8219	7406	0.45%	0.045%
80	24.042	3607	3609	3610	rBV	5509	4700	0.28%	0.028%
81	24.072	3613	3614	3616	rVB2	5401	3376	0.20%	0.020%
82	24.471	3680	3682	3684	rVB3	4254	3150	0.19%	0.019%
83	24.595	3691	3703	3715	rBV	560349	1461765	88.31%	8.795%
84	24.812	3729	3740	3751	rBV2	418595	1165822	70.43%	7.015%
85	24.994	3769	3771	3775	rBV5	4152	3708	0.22%	0.022%
86	25.223	3808	3810	3813	rVV4	4968	5465	0.33%	0.033%
87	25.294	3817	3822	3829	rVV4	17115	44358	2.68%	0.267%
88	25.928	3926	3930	3940	rVB10	9914	25222	1.52%	0.152%
89	26.046	3949	3950	3953	rBV3	4049	3290	0.20%	0.020%
90	27.033	4116	4118	4120	rVV3	3773	2734	0.17%	0.016%
91	27.579	4210	4211	4213	rBV2	6320	4088	0.25%	0.025%
92	28.320	4335	4337	4338	rVB2	6486	4018	0.24%	0.024%
93	28.331	4338	4339	4342	rBV3	4609	4198	0.25%	0.025%
94	28.837	4423	4425	4426	rBV2	4077	2979	0.18%	0.018%
95	29.078	4464	4466	4470	rBV4	4166	5511	0.33%	0.033%
96	29.465	4530	4532	4534	rBV2	4993	4642	0.28%	0.028%
97	31.257	4835	4837	4839	rVB3	3852	3047	0.18%	0.018%
98	31.351	4849	4853	4854	rBV4	4870	7004	0.42%	0.042%
99	31.539	4883	4885	4889	rVB4	5017	4531	0.27%	0.027%
100	32.544	5054	5056	5058	rBV3	3864	2880	0.17%	0.017%

Sum of corrected areas: 16619608

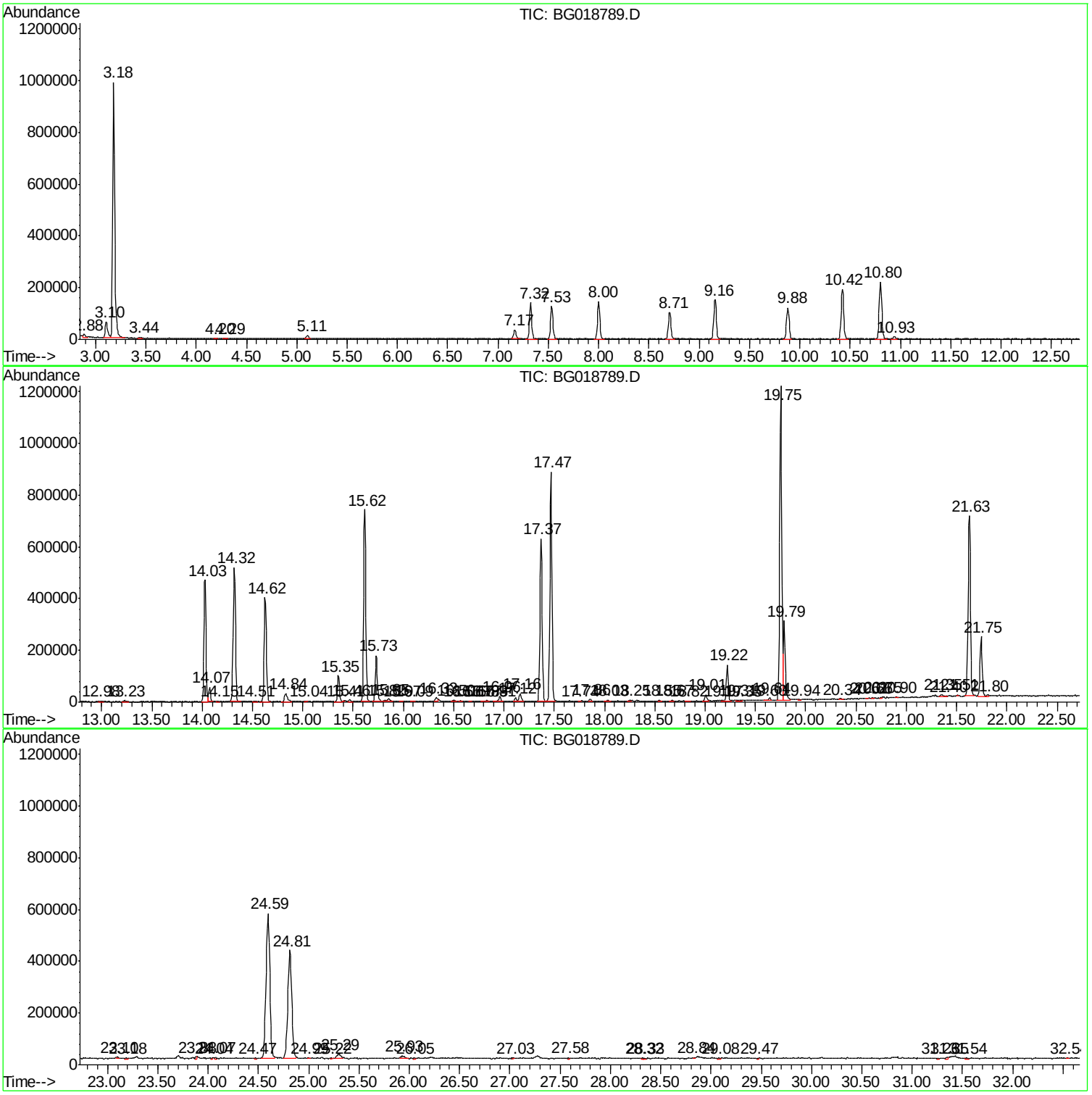
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018789.D
Acq On : 21 Sep 2015 19:17
Operator : TP
Sample : G3696-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AR1

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 : BG018789.D
Acq On : 21 Sep 2015 19:17
Operator : TP
Sample : G3696-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AR1

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

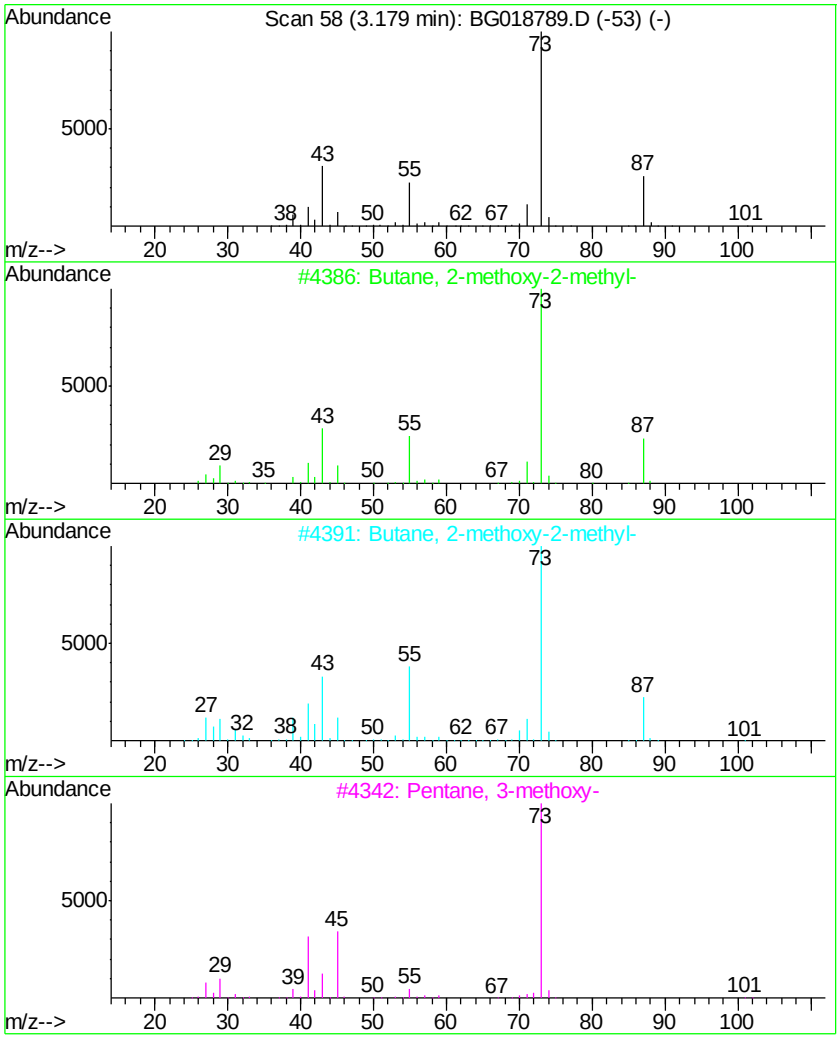
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

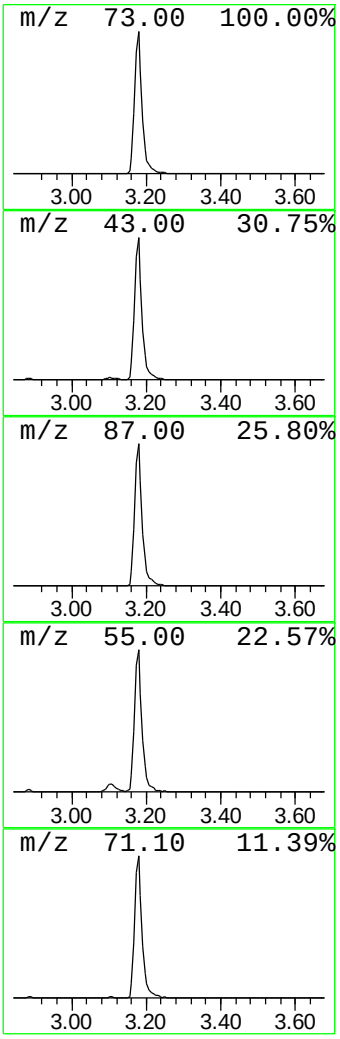
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	110.04 ng/ul	1375120	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	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018789.D
Acq On : 21 Sep 2015 19:17
Operator : TP
Sample : G3696-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AR1

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

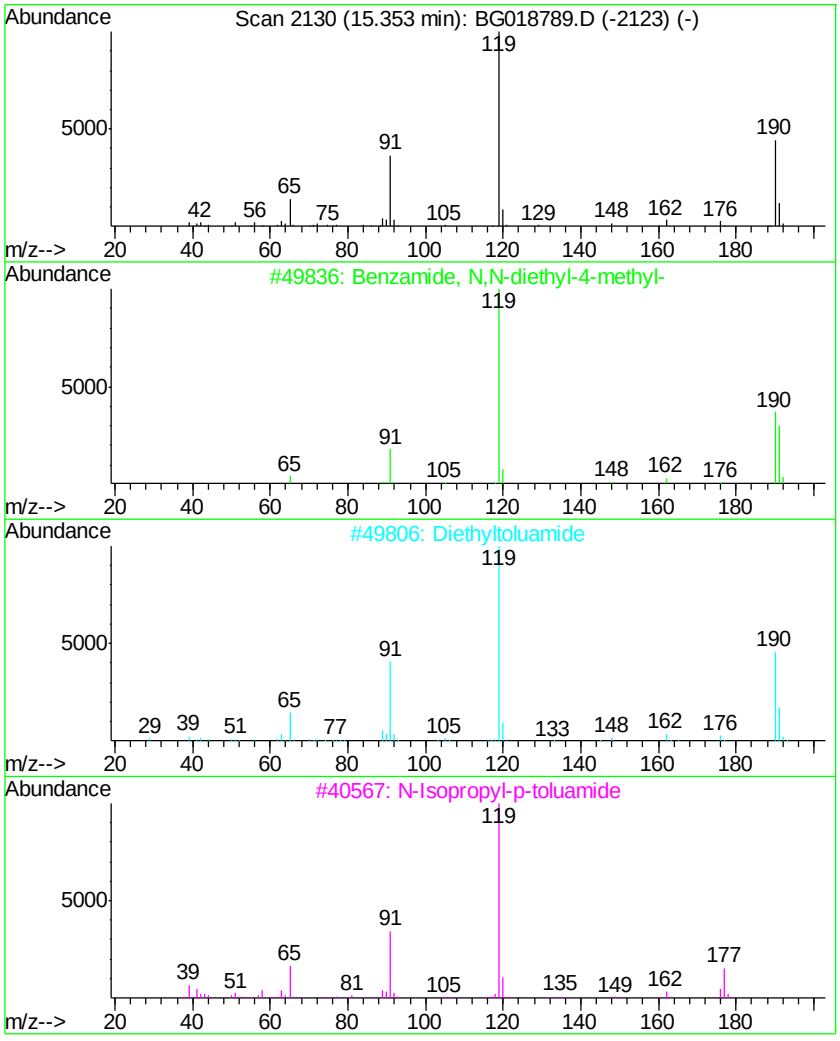
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

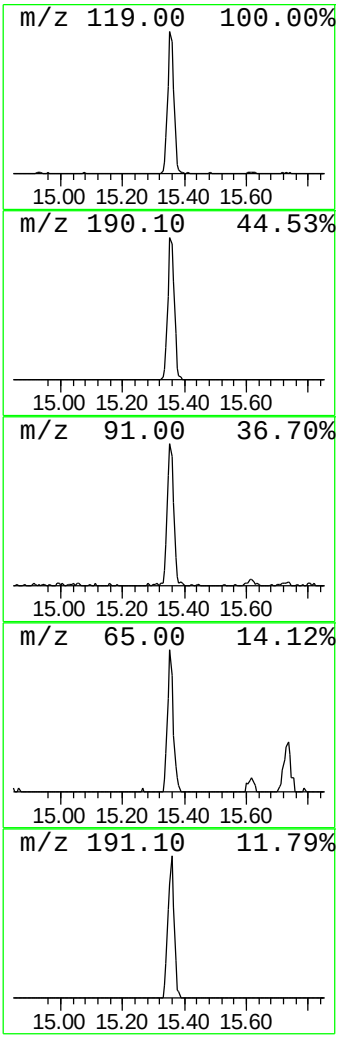
****

Peak Number 3 Benzamide, N,N-diethyl-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	4.35 ng/ul	141793	Acenaphthene-d10	14.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	78
2	Diethyltoluamide	191	C12H17NO	000134-62-3	70
3	N-Isopropyl-p-toluamide	177	C11H15NO	002144-17-4	50
4	p-Toluylic acid, cyclobutyl ester	190	C12H14O2	1000292-21-4	50
5	p-Toluric acid	193	C10H11NO3	027115-50-0	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018789.D
Acq On : 21 Sep 2015 19:17
Operator : TP
Sample : G3696-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AR1

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

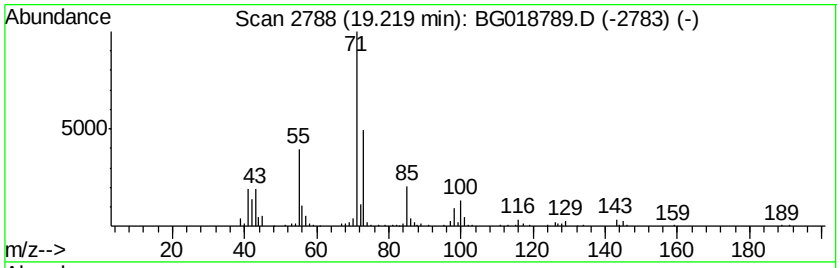
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

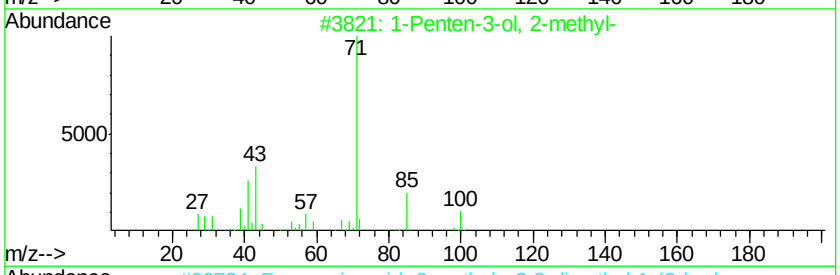
****

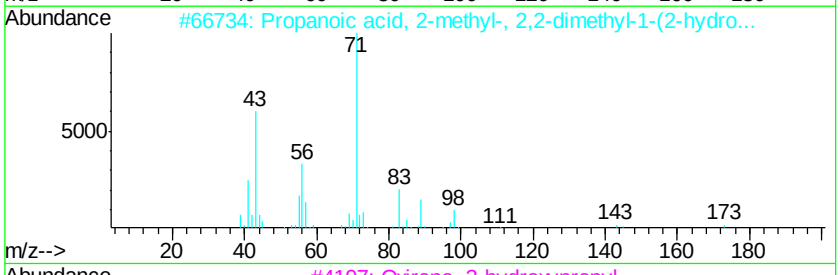
Peak Number 4 1-Penten-3-ol, 2-methyl- Concentration Rank 5

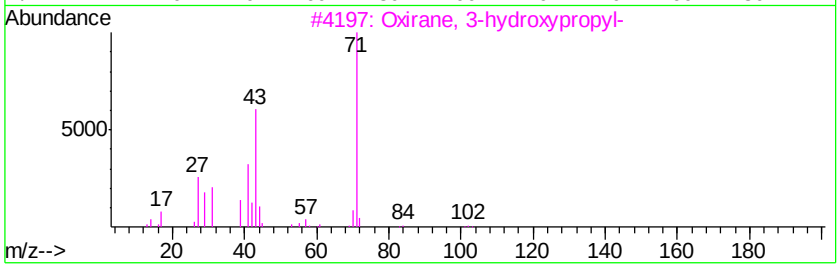
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	4.03 ng/ul	183344	Phenanthrene-d10	17.37

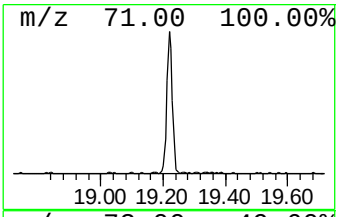
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	64
2	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	42
3	Oxirane, 3-hydroxypropyl-	102	C5H10O2	021915-56-0	38
4	2-Furanmethanamine, tetrahydro-	101	C5H11NO	004795-29-3	38
5	4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	38

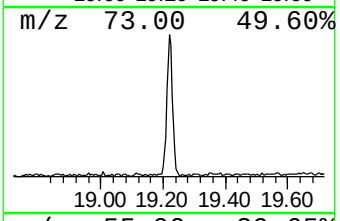


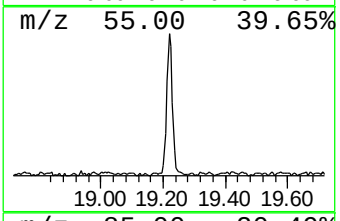


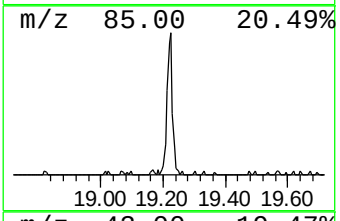


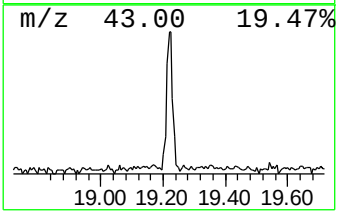












Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018789.D
Acq On : 21 Sep 2015 19:17
Operator : TP
Sample : G3696-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AR1

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

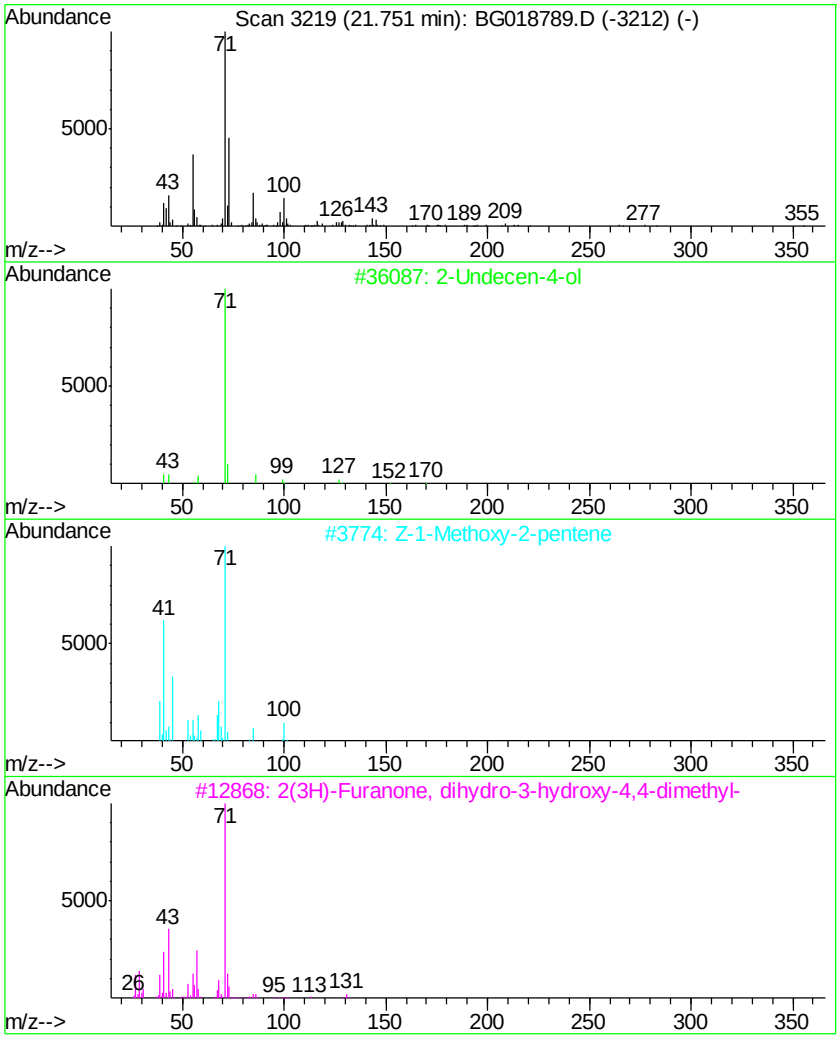
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

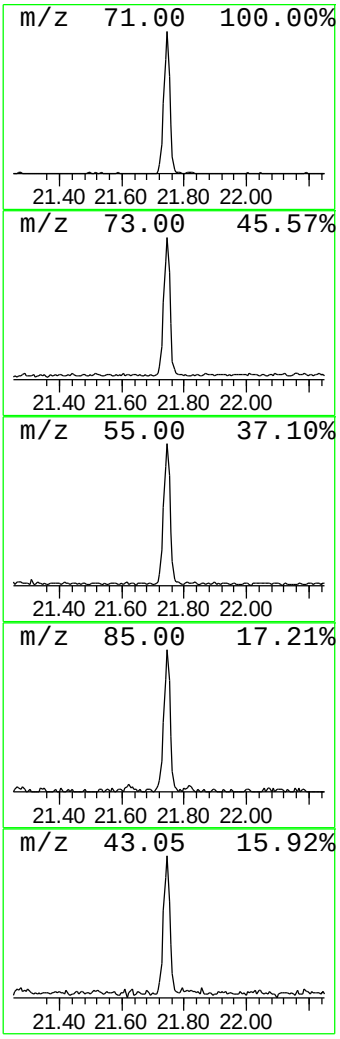
****

Peak Number 5 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.75	5.81 ng/ul	328627	Chrysene-d12	21.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecen-4-ol	170	C11H22O	022381-86-8	47
2	Z-1-Methoxy-2-pentene	100	C6H12O	1000279-59-4	45
3	2(3H)-Furanone, dihydro-3-hydrox...	130	C6H10O3	052126-90-6	40
4	Acrolein,dimethyl acetal	102	C5H10O2	006044-68-4	40
5	2-Furanmethanamine, tetrahydro-	101	C5H11NO	004795-29-3	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092115\
Data File : BG018789.D
Acq On : 21 Sep 2015 19:17
Operator : TP
Sample : G3696-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AR1

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
Butane, 2-methoxy...	3.18	110.0	ng/ul	1375120	1	8.00	249933	20.0
Benzamide, N,N-di...	15.35	4.3	ng/ul	141793	3	14.62	651570	20.0
1-Penten-3-ol, 2-...	19.22	4.0	ng/ul	183344	4	17.37	909399	20.0
unknown-01	21.75	5.8	ng/ul	328627	5	21.63	1130400	20.0