LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018813.D
Acq On : 22 Sep 2015 12:04
Operator : TP
Sample : G3731-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AS1

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	3.102	40	45	53	rBV	61410	111867	6.21%	0.707%
2	3.178	53	58	80	rVB	941558	1352286	75.08%	8.550%
3	3.783	157	161	166	rBV4	5258	8069	0.45%	0.051%
4	4.083	207	212	215	rBV4	2262	3114	0.17%	0.020%
5	4.183	226	229	235	rVB4	3243	5105	0.28%	0.032%
6	5.105	383	386	390	rBV3	8118	10557	0.59%	0.067%
7	5.528	455	458	464	rVV4	3225	4950	0.27%	0.031%
8	6.504	620	624	628	rBV4	3882	5089	0.28%	0.032%
9	7.162	727	736	744	rBV2	31335	56575	3.14%	0.358%
10	7.320	757	763	771	rVV	148646	241694	13.42%	1.528%
11	7.532	791	799	808	rBV	135340	226161	12.56%	1.430%
12	7.996	871	878	885	rBV	138326	238920	13.26%	1.511%
13	8.055	885	888	893	rVB3	6859	10759	0.60%	0.068%
14	8.701	993	998	1008	rVB	100578	168817	9.37%	1.067%
15	8.819	1016	1018	1022	rVB2	2830	3201	0.18%	0.020%
16	9.095	1058	1065	1069	rBV3	15615	25420	1.41%	0.161%
17	9.154	1069	1075	1083	rVV	160152	280307	15.56%	1.772%
18	9.318	1096	1103	1106	rVB4	1695	3161	0.18%	0.020%
19	9.882	1192	1199	1207	rVB	125790	222657	12.36%	1.408%
20	10.423	1284	1291	1303	rBV	198752	354057	19.66%	2.239%
21	10.699	1332	1338	1345	rVB5	4517	8394	0.47%	0.053%
22	10.799	1348	1355	1362	rVV	200749	360587	20.02%	2.280%
23	10.852	1362	1364	1367	rVB2	3101	3105	0.17%	0.020%
24	10.934	1372	1378	1384	rBV3	14377	23992	1.33%	0.152%
25	12.080	1569	1573	1584	rVB3	9612	17920	0.99%	0.113%
26	12.896	1706	1712	1715	rBV4	1958	3245	0.18%	0.021%
27	12.979	1720	1726	1732	rVB4	2771	5153	0.29%	0.033%
28	13.225	1764	1768	1775	rVB3	8334	12487	0.69%	0.079%
29	13.513	1814	1817	1821	rBV3	1740	2772	0.15%	0.018%
30	14.024	1897	1904	1917	rBV	467424	674686	37.46%	4.266%
31	14.318	1947	1954	1963	rBV	522832	810595	45.00%	5.125%
32	14.624	1999	2006	2014	rBV2	356901	566747	31.47%	3.583%
33	14.700	2014	2019	2023	rVB2	11804	16347	0.91%	0.103%
34	14.823	2036	2040	2051	rBV4	25421	51842	2.88%	0.328%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018813.D
Acq On : 22 Sep 2015 12:04
Operator : TP
Sample : G3731-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AS1

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	15.294	2114	2120	2128	rBV2	12150	19921	1.11%	0.126%
36	15.429	2141	2143	2148	rVB	3917	4480	0.25%	0.028%
37	15.611	2164	2174	2186	rBV	720009	1091552	60.60%	6.901%
38	15.728	2189	2194	2201	rBV	175311	264451	14.68%	1.672%
39	15.852	2212	2215	2222	rVB3	6668	11653	0.65%	0.074%
40	15.969	2230	2235	2241	rVB	11055	16328	0.91%	0.103%
41	16.563	2332	2336	2341	rVV3	1902	3286	0.18%	0.021%
42	17.115	2423	2430	2431	rBV5	1578	2576	0.14%	0.016%
43	17.156	2431	2437	2439	rVV3	2531	4022	0.22%	0.025%
44	17.368	2466	2473	2480	rVV2	519337	790579	43.89%	4.999%
45	17.467	2482	2490	2500	rVV2	866282	1357311	75.36%	8.582%
46	17.638	2516	2519	2524	rBV	6027	6337	0.35%	0.040%
47	18.026	2578	2585	2590	rBV	131932	171208	9.51%	1.082%
48	18.255	2623	2624	2629	rVV2	2554	2955	0.16%	0.019%
49	18.319	2632	2635	2638	rVV	8512	11625	0.65%	0.074%
50	18.355	2638	2641	2646	rVB3	4900	7483	0.42%	0.047%
51	18.507	2664	2667	2673	rVB5	6905	7826	0.43%	0.049%
52	18.836	2717	2723	2727	rBV6	3434	4980	0.28%	0.031%
53	19.541	2840	2843	2846	rBV2	2163	2853	0.16%	0.018%
54	19.635	2855	2859	2864	rVV	9057	12910	0.72%	0.082%
55	19.747	2871	2878	2887	rBV	1214696	1779593	98.80%	11.252%
56	20.576	3013	3019	3021	rVV4	3062	3504	0.19%	0.022%
57	20.664	3031	3034	3036	rVB4	3042	3130	0.17%	0.020%
58	20.687	3036	3038	3041	rBV4	2593	3449	0.19%	0.022%
59	20.734	3041	3046	3049	rVV7	2235	3776	0.21%	0.024%
60	20.887	3069	3072	3078	rVB7	3236	4496	0.25%	0.028%
61	21.087	3103	3106	3109	rBV4	6597	6823	0.38%	0.043%
62	21.286	3137	3140	3145	rVV5	3373	4870	0.27%	0.031%
63	21.351	3147	3151	3155	rBV3	5604	10141	0.56%	0.064%
64	21.510	3175	3178	3183	rVB7	5127	7417	0.41%	0.047%
65	21.621	3190	3197	3206	rBV	680856	1108651	61.55%	7.010%
66	21.727	3213	3215	3218	rBV4	3937	4670	0.26%	0.030%
67	22.197	3292	3295	3296	rBV2	4526	4124	0.23%	0.026%
68	22.397	3327	3329	3331	rBV3	3088	2716	0.15%	0.017%
69	22.644	3368	3371	3373	rBV3	4810	5526	0.31%	0.035%
70	22.720	3383	3384	3388	rBV4	2476	2580	0.14%	0.016%
71	23.078	3438	3445	3458	rBV6	40467	121684	6.76%	0.769%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018813.D
Acq On : 22 Sep 2015 12:04
Operator : TP
Sample : G3731-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AS1

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	23.701	3545	3551	3557	rBV10	8996	23100	1.28%	0.146%
73	24.019	3601	3605	3606	rBV4	4381	4111	0.23%	0.026%
74	24.218	3637	3639	3640	rBV2	3211	2805	0.16%	0.018%
75	24.588	3690	3702	3713	rBV	676062	1801131	100.00%	11.388%
76	24.806	3728	3739	3751	rBV2	397126	1102185	61.19%	6.969%
77	25.840	3914	3915	3918	rBV2	3904	3892	0.22%	0.025%
78	25.916	3923	3928	3930	rBV6	10025	15475	0.86%	0.098%
79	26.175	3970	3972	3974	rVV2	5269	3693	0.21%	0.023%
80	26.915	4096	4098	4100	rBV3	4011	3777	0.21%	0.024%
81	27.050	4119	4121	4124	rBV5	2743	3241	0.18%	0.020%
82	27.256	4148	4156	4157	rBV7	10347	22955	1.27%	0.145%
83	27.332	4167	4169	4171	rBV3	4743	4700	0.26%	0.030%
84	27.532	4199	4203	4206	rVB3	2772	3482	0.19%	0.022%
85	27.914	4266	4268	4271	rBV4	2259	2623	0.15%	0.017%
86	27.973	4276	4278	4281	rVB4	3843	3386	0.19%	0.021%
87	28.002	4281	4283	4286	rBV3	2515	2914	0.16%	0.018%
88	28.043	4288	4290	4292	rBV3	2889	2790	0.15%	0.018%
89	28.549	4373	4376	4379	rBV5	3213	4412	0.24%	0.028%
90	28.854	4424	4428	4432	rBV7	4293	8553	0.47%	0.054%
91	29.259	4495	4497	4499	rBV2	4611	4236	0.24%	0.027%
92	29.348	4510	4512	4515	rBV3	3070	3356	0.19%	0.021%
93	29.477	4531	4534	4535	rBV3	3697	3800	0.21%	0.024%
94	29.653	4563	4564	4568	rVB4	2961	2567	0.14%	0.016%
95	31.016	4794	4796	4798	rBV3	2591	2764	0.15%	0.017%
96	31.116	4811	4813	4815	rVB3	4048	3014	0.17%	0.019%
97	31.151	4817	4819	4822	rBV4	2485	2748	0.15%	0.017%
98	32.250	5005	5006	5009	rBV3	3624	4170	0.23%	0.026%
99	32.462	5039	5042	5044	rBV4	3173	4162	0.23%	0.026%
100	32.538	5053	5055	5058	rBV4	4235	4134	0.23%	0.026%

Sum of corrected areas: 15816300

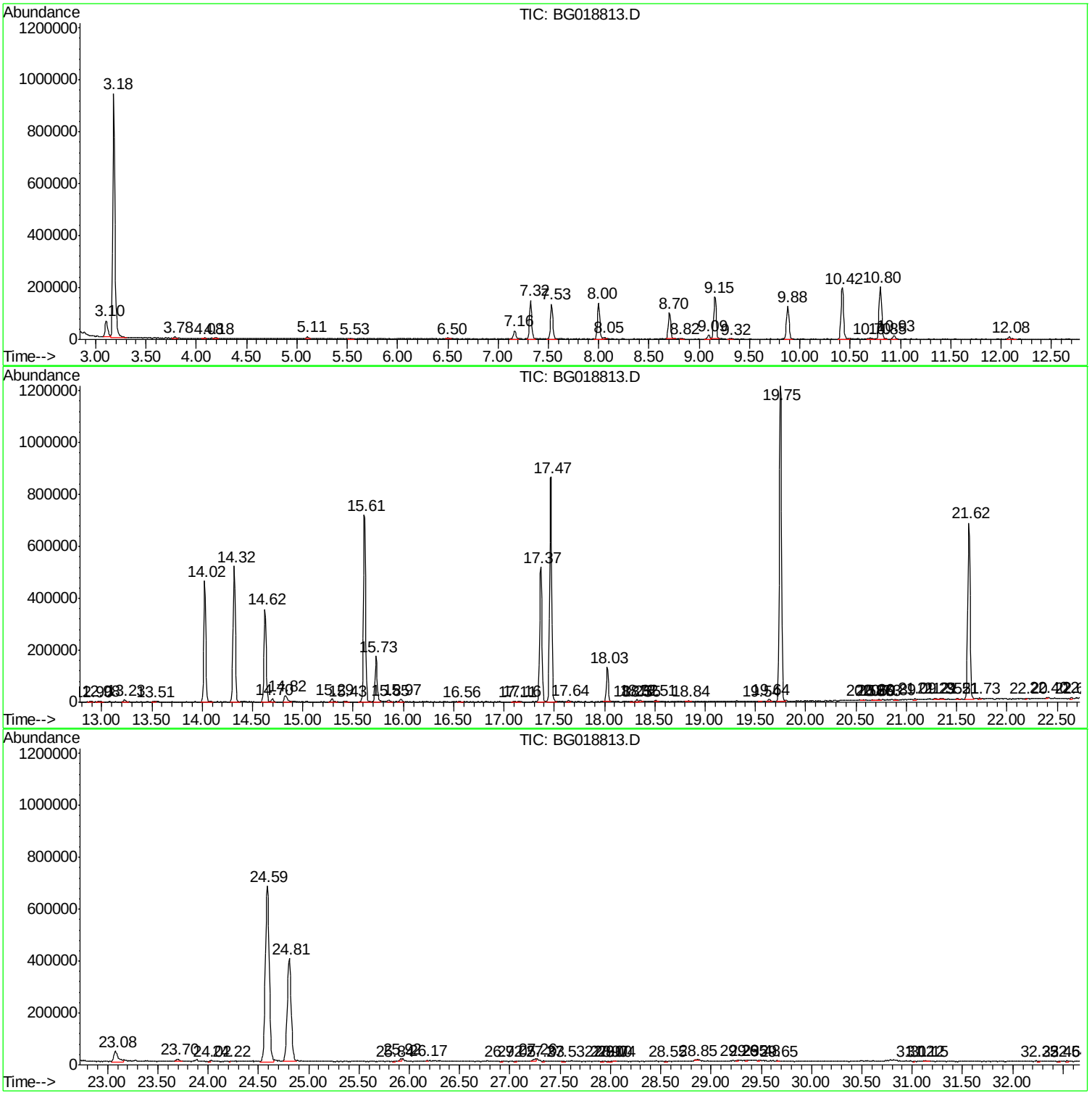
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018813.D
Acq On : 22 Sep 2015 12:04
Operator : TP
Sample : G3731-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AS1

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018813.D
Acq On : 22 Sep 2015 12:04
Operator : TP
Sample : G3731-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AS1

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

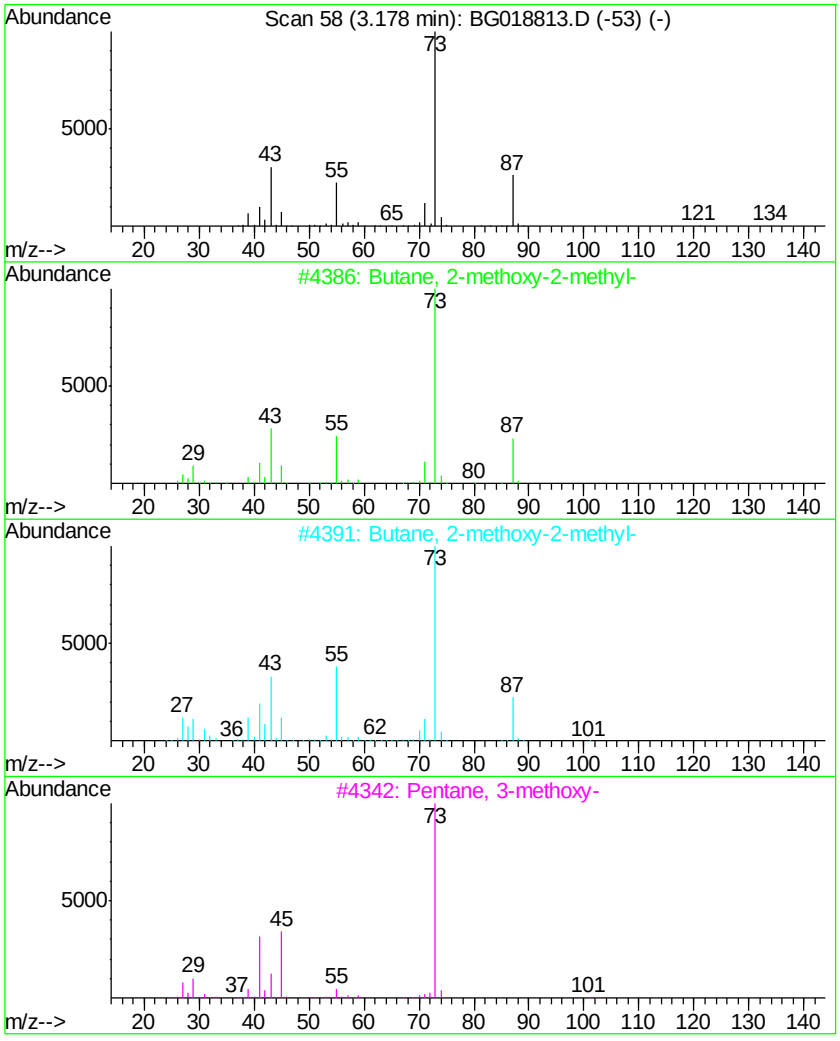
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

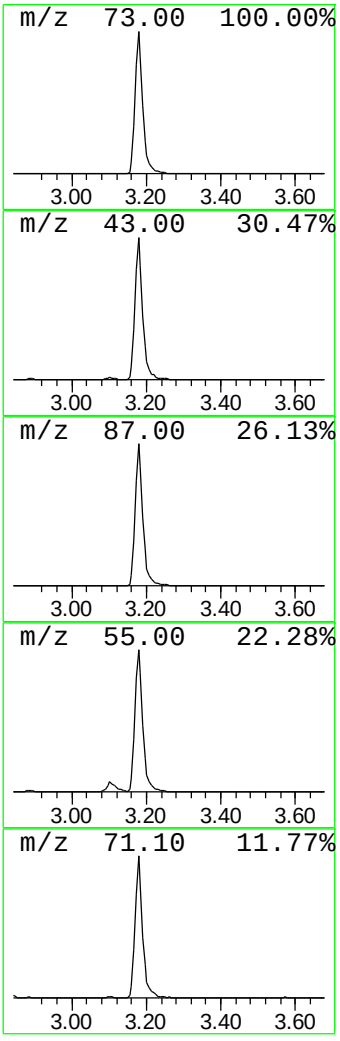
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	113.20 ng/ul	1352290	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018813.D
Acq On : 22 Sep 2015 12:04
Operator : TP
Sample : G3731-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AS1

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

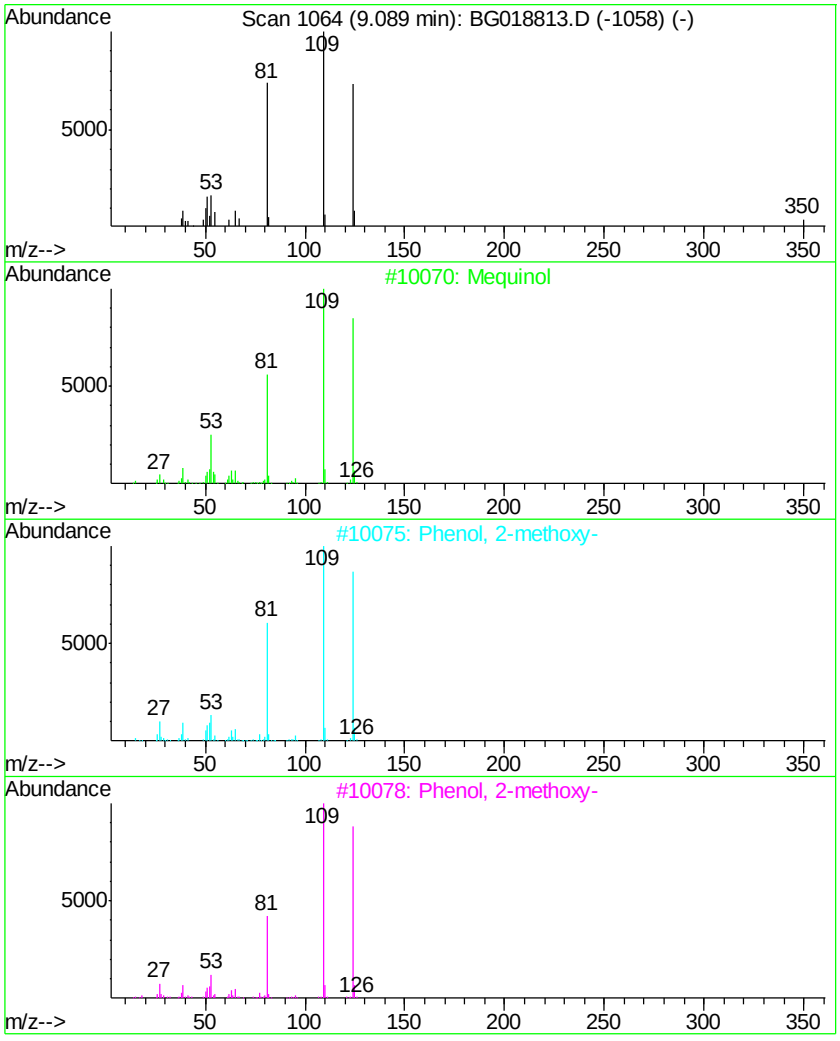
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

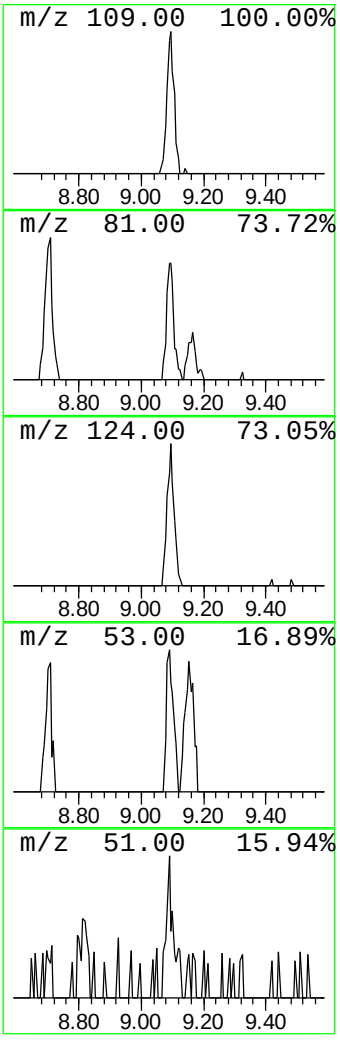
****

Peak Number 3 Mequinol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	2.13 ng/ul	25420	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mequinol	124	C7H8O2	000150-76-5	91
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90
4	Mequinol	124	C7H8O2	000150-76-5	87
5	Mequinol	124	C7H8O2	000150-76-5	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018813.D
Acq On : 22 Sep 2015 12:04
Operator : TP
Sample : G3731-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AS1

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

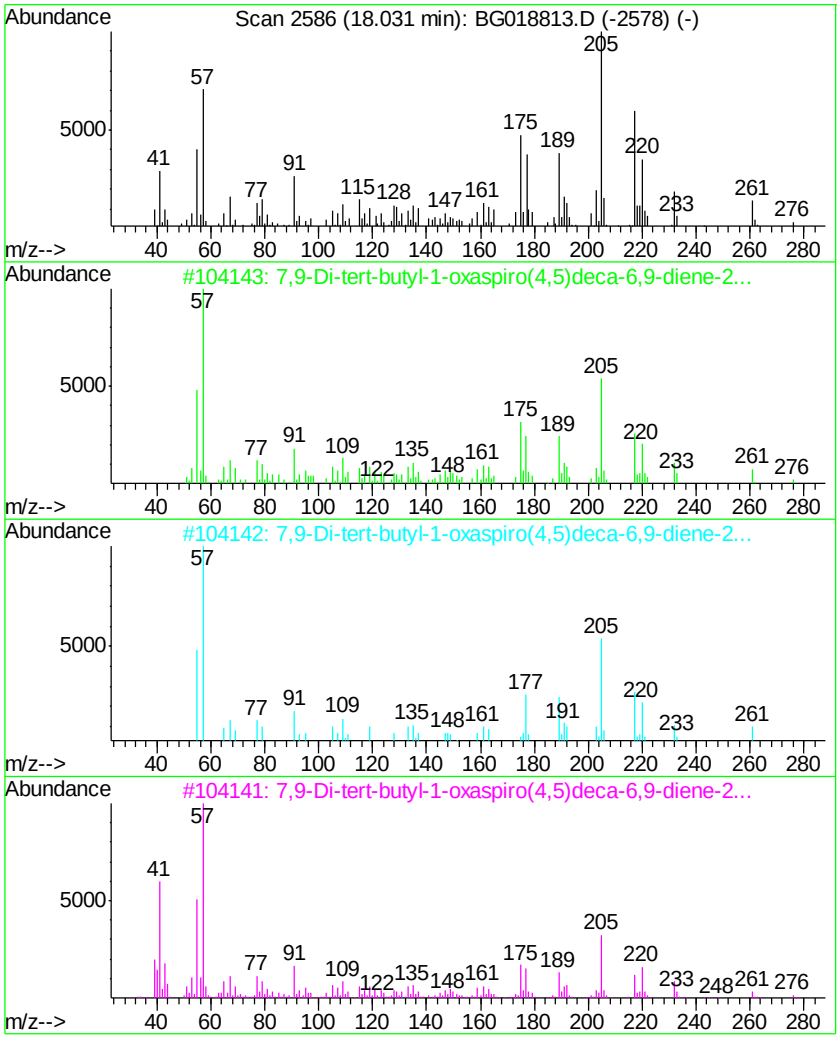
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

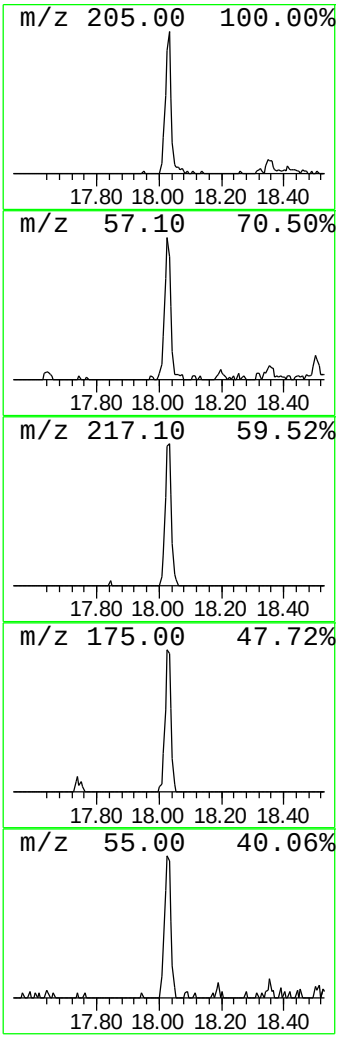
****

Peak Number 4 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	4.33 ng/ul	171208	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	81
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	55
4	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	55
5	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018813.D
Acq On : 22 Sep 2015 12:04
Operator : TP
Sample : G3731-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AS1

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

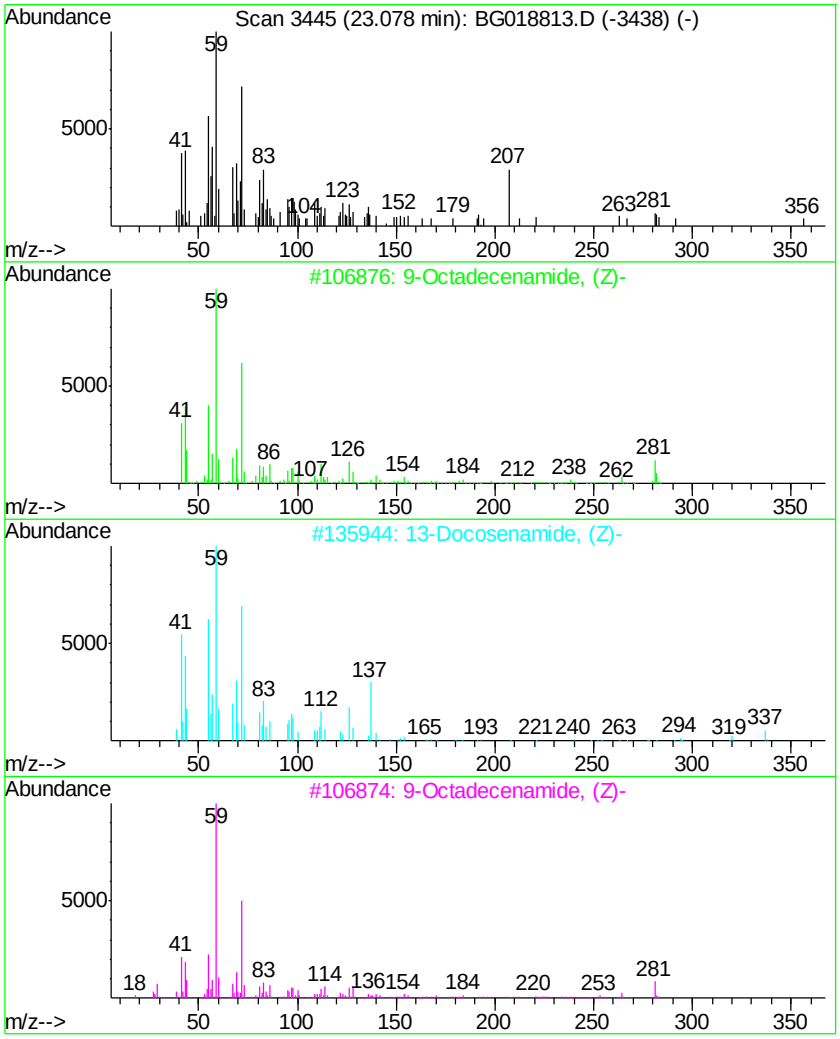
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

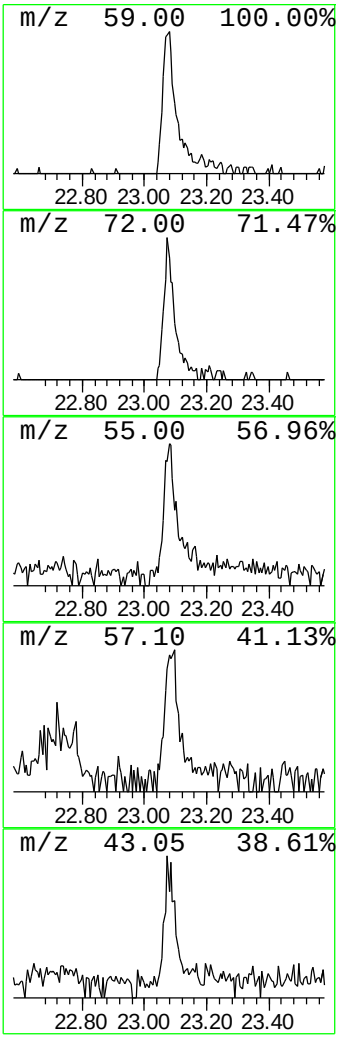
****

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.08	2.20 ng/ul	121684	Chrysene-d12	21.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	70
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	59
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	58
4	Octadecanamide	283	C18H37NO	000124-26-5	53
5	d-Glucosamine	179	C6H13NO5	000090-77-7	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092115\
Data File : BG018813.D
Acq On : 22 Sep 2015 12:04
Operator : TP
Sample : G3731-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AS1

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	113.2	ng/ul	1352290	1	8.00	238920	20.0
Mequinol	9.09	2.1	ng/ul	25420	1	8.00	238920	20.0
7,9-Di-tert-butyl...	18.03	4.3	ng/ul	171208	4	17.37	790579	20.0
9-Octadecenamide,...	23.08	2.2	ng/ul	121684	5	21.62	1108650	20.0