LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100615\
Data File : BG019059.D
Acq On : 6 Oct 2015 23:45
Operator : UM/NP
Sample : G3915-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C03Q8

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-BG100415.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	2.941	14	17	22	rVB3	6873	9441	1.15%	0.139%
2	3.035	31	33	38	rVV3	1396	1277	0.16%	0.019%
3	3.076	38	40	43	rVB4	1313	1254	0.15%	0.018%
4	3.158	49	54	62	rBV	50479	87709	10.72%	1.289%
5	3.235	62	67	81	rVB	110834	168522	20.60%	2.477%
6	3.493	108	111	116	rBV4	1636	2802	0.34%	0.041%
7	3.728	149	151	156	rVB4	785	1189	0.15%	0.017%
8	4.592	293	298	303	rVB5	3968	6038	0.74%	0.089%
9	4.839	337	340	342	rVB3	1186	1178	0.14%	0.017%
10	5.009	366	369	371	rBV4	872	1053	0.13%	0.015%
11	5.156	389	394	396	rBV4	1142	1498	0.18%	0.022%
12	5.350	425	427	431	rBV2	770	1061	0.13%	0.016%
13	5.885	516	518	521	rBV2	1084	1355	0.17%	0.020%
14	6.490	618	621	624	rVB3	781	1147	0.14%	0.017%
15	7.201	734	742	749	rVB	19027	33351	4.08%	0.490%
16	7.365	764	770	778	rBV	61187	99676	12.18%	1.465%
17	7.577	797	806	814	rVB	63749	101963	12.46%	1.499%
18	8.041	880	885	891	rBV	60491	101745	12.44%	1.495%
19	8.100	891	895	901	rVB	18484	27136	3.32%	0.399%
20	8.634	983	986	988	rBV3	892	1036	0.13%	0.015%
21	8.746	999	1005	1011	rBV	52155	86739	10.60%	1.275%
22	8.863	1022	1025	1030	rVB4	1680	2439	0.30%	0.036%
23	9.140	1065	1072	1076	rBV	23713	39678	4.85%	0.583%
24	9.204	1076	1083	1093	rVB	81285	142375	17.40%	2.093%
25	9.927	1199	1206	1213	rVB	67020	116628	14.26%	1.714%
26	10.467	1291	1298	1305	rVB	96257	164277	20.08%	2.415%
27	10.620	1321	1324	1327	rBV3	1036	1139	0.14%	0.017%
28	10.849	1356	1363	1370	rBV	89785	157831	19.29%	2.320%
29	10.979	1381	1385	1390	rBV4	3549	5433	0.66%	0.080%
30	11.496	1469	1473	1476	rBV3	1015	1633	0.20%	0.024%
31	12.013	1558	1561	1566	rBV4	1433	2164	0.26%	0.032%
32	12.430	1629	1632	1635	rVB3	1524	1851	0.23%	0.027%
33	12.653	1663	1670	1675	rVB2	2530	4277	0.52%	0.063%
34	13.035	1733	1735	1740	rVB2	1730	1724	0.21%	0.025%

LSC Area Percent Report

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Operator : UM/NP
Sample : G3915-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C03Q8

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-BG100415.M
Title : SVOA CALIBRATION

35	13.282	1772	1777	1783	rVB3	3334	4827	0.59%	0.071%
36	13.581	1823	1828	1839	rVB3	8288	12938	1.58%	0.190%
37	14.075	1906	1912	1919	rVB	225957	314431	38.43%	4.621%
38	14.363	1953	1961	1972	rVB	230102	357882	43.74%	5.260%
39	14.668	2005	2013	2020	rBV2	157070	250364	30.60%	3.680%
40	14.862	2039	2046	2054	rVV2	21072	35664	4.36%	0.524%
41	15.256	2108	2113	2120	rVB2	6694	8711	1.06%	0.128%
42	15.350	2122	2129	2130	rBV2	1556	2842	0.35%	0.042%
43	15.374	2130	2133	2137	rBV3	3686	4655	0.57%	0.068%
44	15.467	2144	2149	2152	rBV4	2269	3482	0.43%	0.051%
45	15.661	2176	2182	2189	rVB	330721	480515	58.73%	7.063%
46	15.767	2195	2200	2209	rBV	110532	163540	19.99%	2.404%
47	15.896	2219	2222	2229	rVB3	2930	4179	0.51%	0.061%
48	15.979	2234	2236	2240	rVB2	935	1095	0.13%	0.016%
49	16.014	2240	2242	2245	rBV3	1727	2454	0.30%	0.036%
50	16.607	2340	2343	2346	rBV2	843	1063	0.13%	0.016%
51	17.013	2408	2412	2416	rVB2	1167	1752	0.21%	0.026%
52	17.207	2440	2445	2447	rBV3	1142	1382	0.17%	0.020%
53	17.265	2453	2455	2462	rVB3	591	1148	0.14%	0.017%
54	17.371	2468	2473	2475	rBV2	1353	1915	0.23%	0.028%
55	17.418	2475	2481	2486	rVV2	228846	353683	43.23%	5.198%
56	17.512	2490	2497	2506	rVV2	392978	595705	72.81%	8.756%
57	17.636	2514	2518	2521	rBV3	889	1427	0.17%	0.021%
58	17.694	2525	2528	2531	rVB4	1591	1847	0.23%	0.027%
59	18.082	2589	2594	2600	rBV2	60926	80051	9.78%	1.177%
60	18.141	2602	2604	2607	rVB3	1038	1056	0.13%	0.016%
61	18.182	2607	2611	2612	rBV	640	1012	0.12%	0.015%
62	18.252	2619	2623	2624	rVV3	1099	1548	0.19%	0.023%
63	18.299	2627	2631	2635	rVB4	1385	2075	0.25%	0.030%
64	18.376	2640	2644	2647	rVV2	2319	3091	0.38%	0.045%
65	18.411	2647	2650	2652	rVV3	1060	1234	0.15%	0.018%
66	18.458	2656	2658	2661	rBV	1067	1200	0.15%	0.018%
67	18.799	2714	2716	2720	rBV	802	1006	0.12%	0.015%
68	18.958	2742	2743	2746	rBV3	1252	1226	0.15%	0.018%
69	19.016	2751	2753	2756	rBV2	707	1024	0.13%	0.015%
70	19.163	2775	2778	2781	rVB2	1193	1353	0.17%	0.020%
71	19.198	2781	2784	2787	rBV4	852	1257	0.15%	0.018%

LSC Area Percent Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C03Q8

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-BG100415.M
Title : SVOA CALIBRATION

72	19.263	2792	2795	2797	rBV3	1680	1194	0.15%	0.018%
73	19.439	2820	2825	2830	rVV2	4772	7703	0.94%	0.113%
74	19.545	2840	2843	2847	rBV4	1379	2397	0.29%	0.035%
75	19.586	2847	2850	2852	rVV5	1004	1155	0.14%	0.017%
76	19.686	2863	2867	2871	rVV2	3807	4992	0.61%	0.073%
77	19.798	2880	2886	2893	rVV	552132	791546	96.75%	11.634%
78	19.892	2900	2902	2905	rVB3	1260	1331	0.16%	0.020%
79	20.009	2920	2922	2924	rBV3	1063	1100	0.13%	0.016%
80	20.097	2934	2937	2939	rBV3	1864	2494	0.30%	0.037%
81	20.297	2970	2971	2973	rBV2	1743	1432	0.18%	0.021%
82	20.356	2979	2981	2984	rBV3	1521	1966	0.24%	0.029%
83	20.438	2993	2995	2997	rBV3	1473	1077	0.13%	0.016%
84	20.650	3029	3031	3033	rBV3	1938	1695	0.21%	0.025%
85	20.673	3033	3035	3036	rVV2	1505	1007	0.12%	0.015%
86	21.690	3201	3208	3215	rBV	318107	507373	62.02%	7.457%
87	21.889	3239	3242	3247	rVB7	4634	8181	1.00%	0.120%
88	22.618	3364	3366	3367	rBV2	2828	2268	0.28%	0.033%
89	22.735	3384	3386	3389	rBV4	2979	3837	0.47%	0.056%
90	23.211	3463	3467	3472	rVB6	7198	12037	1.47%	0.177%
91	24.028	3602	3606	3613	rVB7	10102	19564	2.39%	0.288%
92	24.698	3710	3720	3731	rVB	297335	818137	100.00%	12.025%
93	24.915	3748	3757	3766	rBV3	173468	474620	58.01%	6.976%
94	25.667	3883	3885	3887	rBV3	3085	1946	0.24%	0.029%
95	26.126	3960	3963	3964	rBV2	8191	8328	1.02%	0.122%
96	27.512	4193	4199	4207	rVB5	11769	33178	4.06%	0.488%
97	28.159	4307	4309	4312	rBV4	2920	2753	0.34%	0.040%
98	29.433	4524	4526	4527	rBV2	3419	1844	0.23%	0.027%
99	31.149	4816	4818	4819	rBV2	3692	2758	0.34%	0.041%
100	32.289	5010	5012	5013	rBV2	4329	2579	0.32%	0.038%

Sum of corrected areas: 6803745

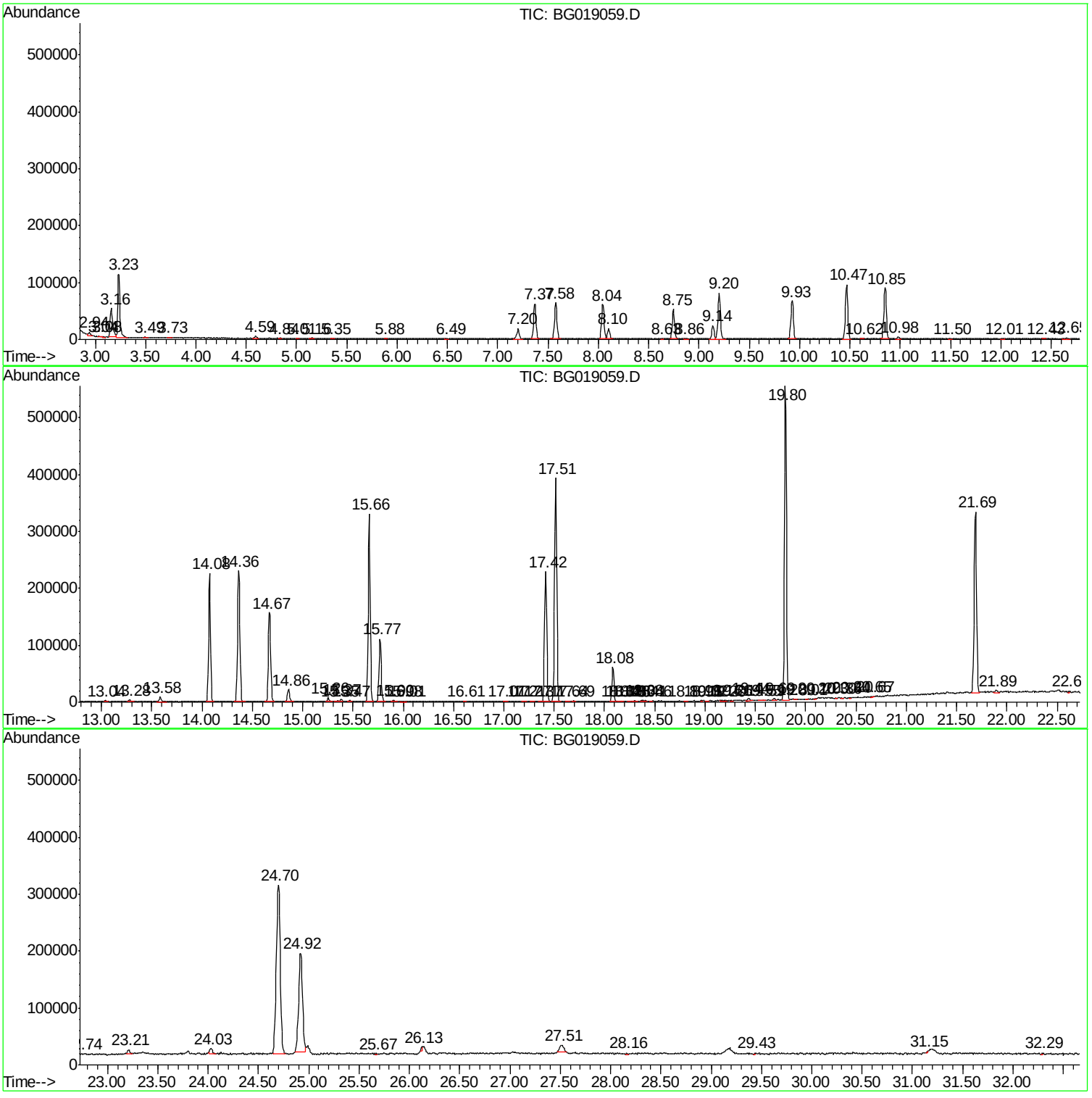
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100615\
Data File : BG019059.D
Acq On : 6 Oct 2015 23:45
Operator : UM/NP
Sample : G3915-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C03Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100615\
Data File : BG019059.D
Acq On : 6 Oct 2015 23:45
Operator : UM/NP
Sample : G3915-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

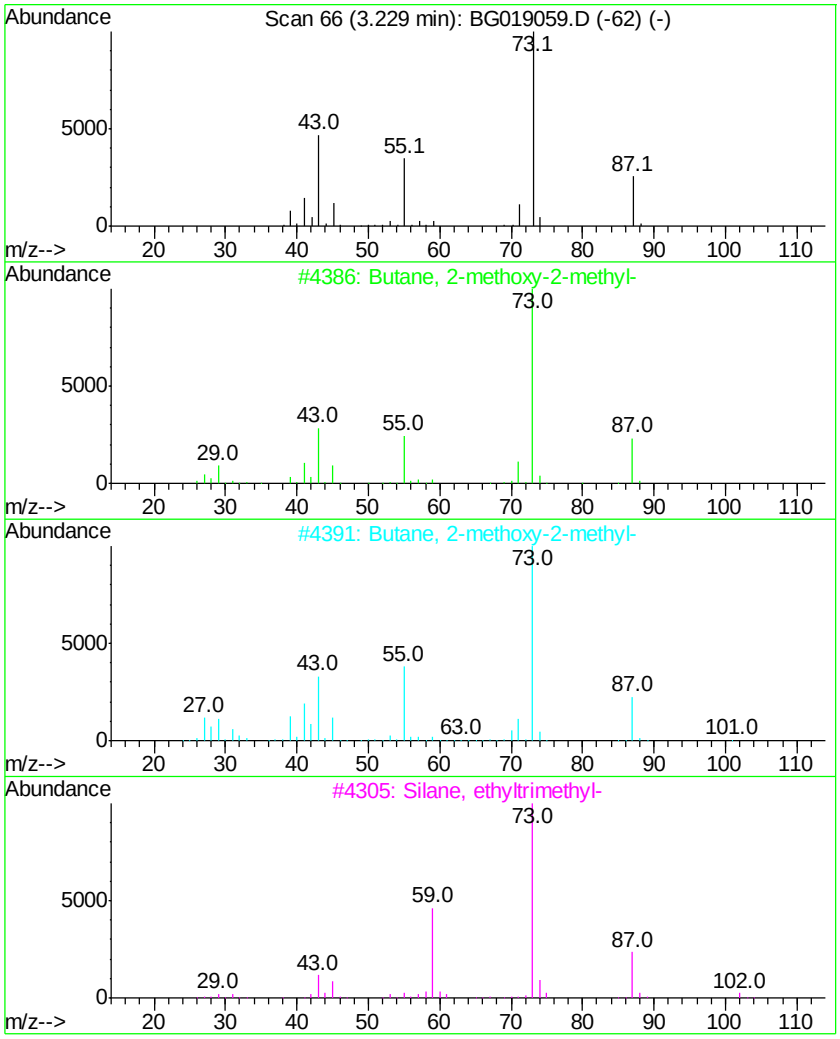
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

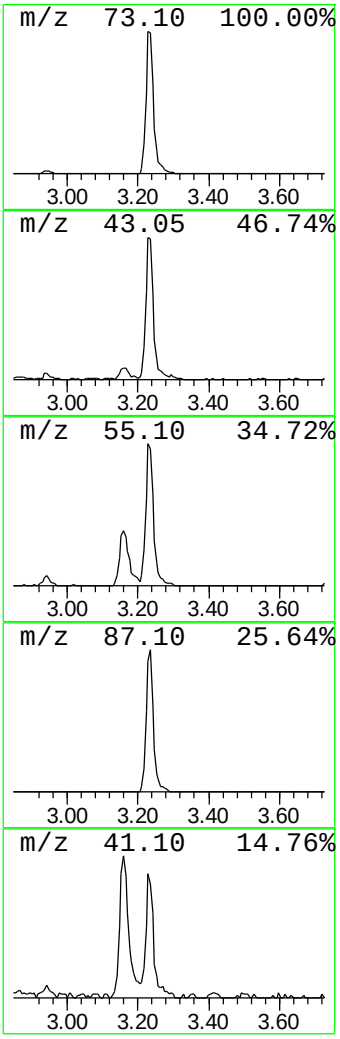
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	33.13 ng/ul	168522	1,4-Dichlorobenzene-d4	8.04

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	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	23





Data Path : Z:\HPCHEM1\BNA G\DATA\BG100615\
Data File : BG019059.D
Acq On : 6 Oct 2015 23:45
Operator : UM/NP
Sample : G3915-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C03Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

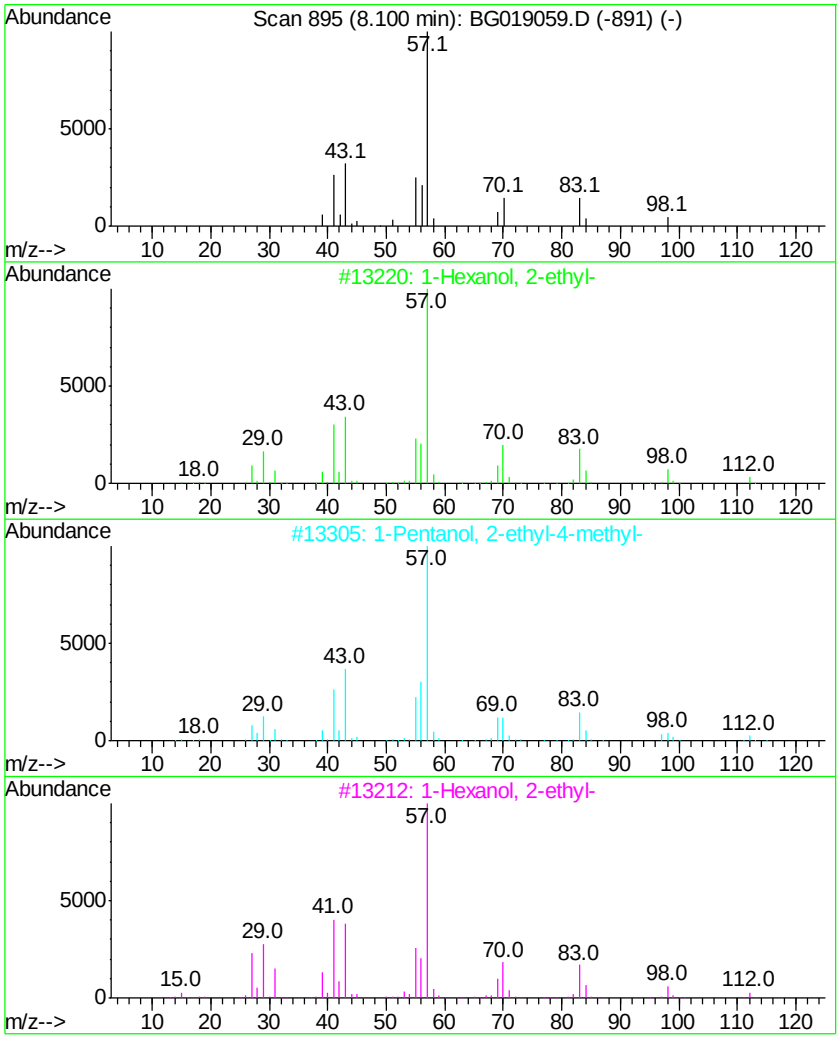
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

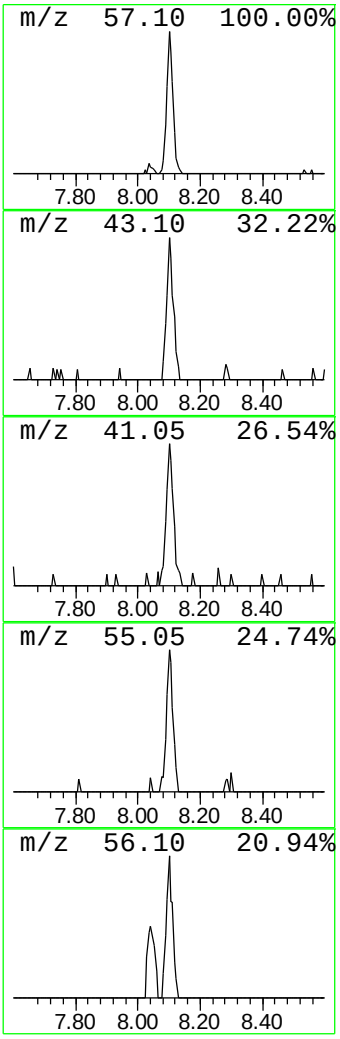
****

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	5.33 ng/ul	27136	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	64
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	39
4	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	38
5	3-Undecene, 6-methyl-, (E)-	168	C12H24	074630-52-7	36





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Sample : G3915-04
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Instrument : BNA_G
ClientSampleId : C03Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

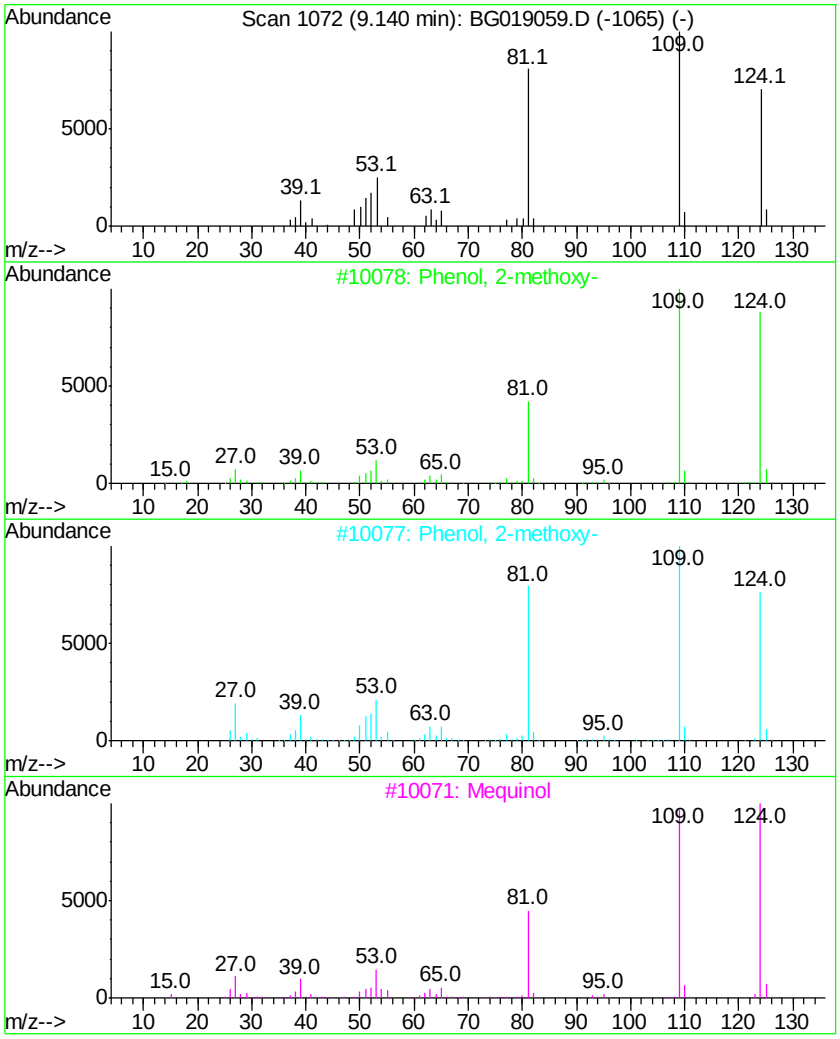
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

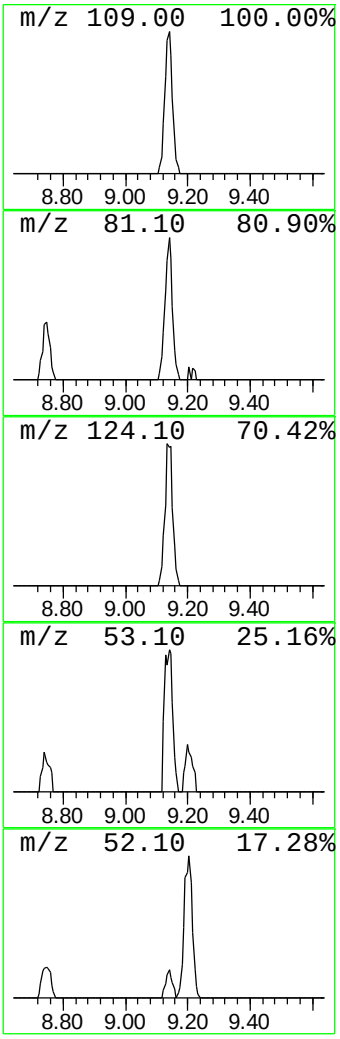
****

Peak Number 4 Phenol, 2-methoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	7.80 ng/ul	39678	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
3	Mequinol	124	C7H8O2	000150-76-5	91
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90
5	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG100615\
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Acq On : 6 Oct 2015 23:45
Operator : UM/NP
Sample : G3915-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C03Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

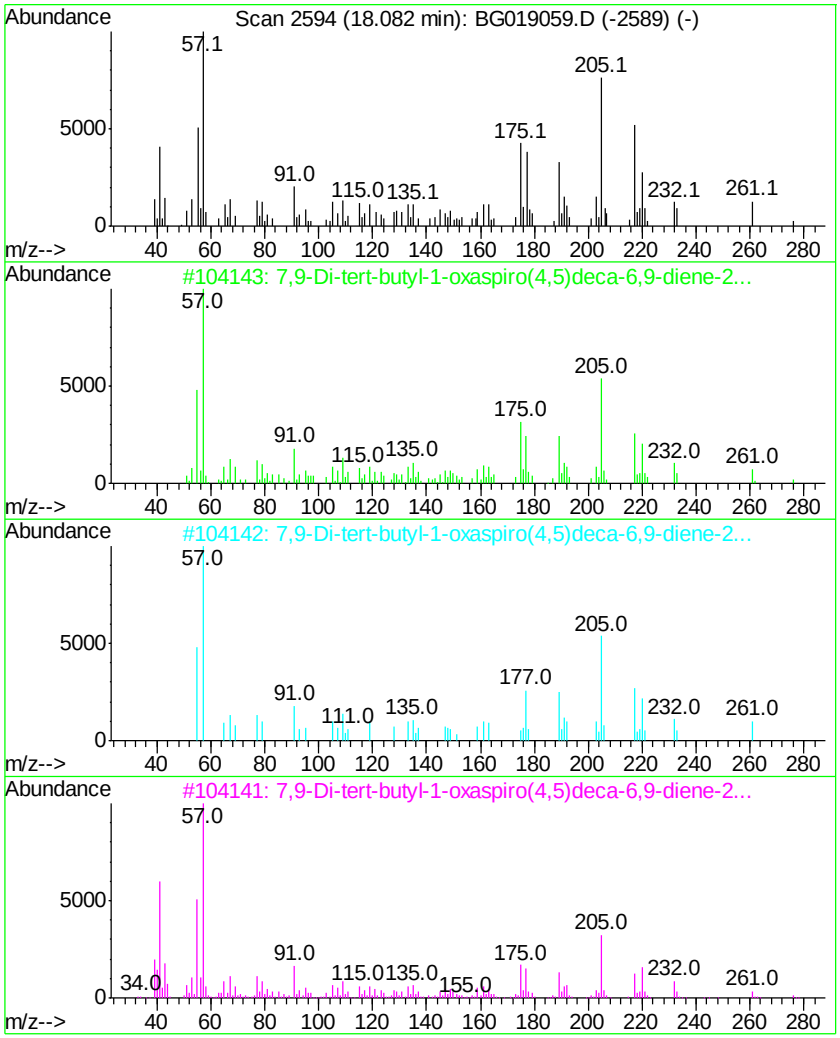
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

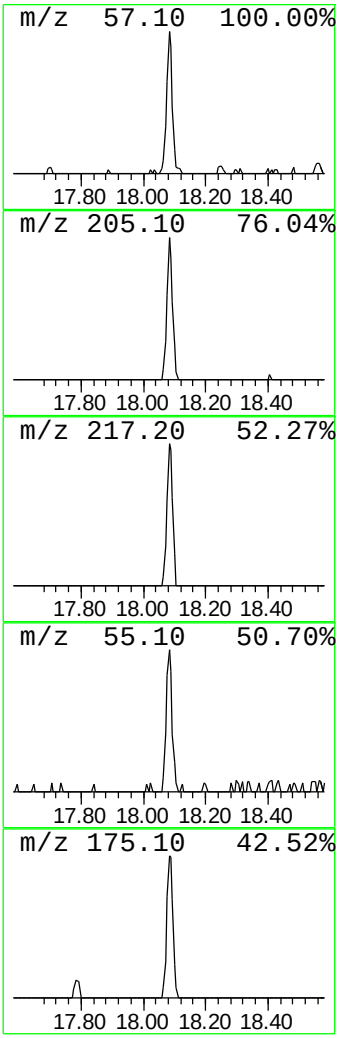
****

Peak Number 5 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	4.53 ng/ul	80051	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	97
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	92
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	90
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	55
5	Benzene, 1,1'-(1-methyl-2-butyny...	220	C17H16	054372-84-8	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100615\
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Acq On : 6 Oct 2015 23:45
Operator : UM/NP
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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C03Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.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...	3.23	33.1	ng/ul	168522	1	8.04	101745	20.0
1-Hexanol, 2-ethyl-	8.10	5.3	ng/ul	27136	1	8.04	101745	20.0
Phenol, 2-methoxy-	9.14	7.8	ng/ul	39678	1	8.04	101745	20.0
7,9-Di-tert-butyl...	18.08	4.5	ng/ul	80051	4	17.42	353683	20.0