LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092315\
Data File : BG018858.D
Acq On : 23 Sep 2015 19:37
Operator : UM/NP
Sample : G3690-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2W2

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	3.108	41	46	53	rBV	37825	70413	4.37%	0.402%
2	3.179	53	58	74	rVB	548723	807956	50.13%	4.616%
3	4.001	195	198	205	rVB5	4782	7539	0.47%	0.043%
4	4.183	226	229	230	rBV2	3016	3103	0.19%	0.018%
5	5.094	382	384	389	rVB	3707	3201	0.20%	0.018%
6	5.258	410	412	416	rBV5	1448	2026	0.13%	0.012%
7	6.081	546	552	556	rVB4	2333	3956	0.25%	0.023%
8	7.162	729	736	749	rBV	174389	300586	18.65%	1.717%
9	7.321	755	763	772	rBV	149067	242750	15.06%	1.387%
10	7.532	792	799	806	rBV	179237	307836	19.10%	1.759%
11	7.996	872	878	886	rBV	220683	368371	22.85%	2.105%
12	8.701	990	998	1007	rBV2	231386	398010	24.69%	2.274%
13	9.160	1069	1076	1085	rBV	157382	286046	17.75%	1.634%
14	9.571	1141	1146	1153	rVB3	5019	8470	0.53%	0.048%
15	9.835	1185	1191	1192	rBV4	2948	5461	0.34%	0.031%
16	9.882	1192	1199	1208	rVB	128405	240629	14.93%	1.375%
17	9.976	1213	1215	1220	rVB3	1692	2368	0.15%	0.014%
18	10.423	1283	1291	1300	rBV	241117	431737	26.79%	2.467%
19	10.564	1311	1315	1317	rBV4	2963	2909	0.18%	0.017%
20	10.799	1348	1355	1363	rBV	333676	599179	37.17%	3.423%
21	10.852	1363	1364	1370	rVB3	2069	2625	0.16%	0.015%
22	10.934	1370	1378	1387	rBV	224541	409535	25.41%	2.340%
23	11.322	1441	1444	1446	rBV2	1858	2163	0.13%	0.012%
24	12.133	1575	1582	1585	rBV4	2801	4809	0.30%	0.027%
25	12.979	1723	1726	1732	rBV4	6272	9177	0.57%	0.052%
26	13.231	1763	1769	1775	rBV3	11413	17747	1.10%	0.101%
27	13.513	1814	1817	1821	rVB4	3306	3975	0.25%	0.023%
28	14.025	1895	1904	1908	rBV	461645	644470	39.98%	3.682%
29	14.072	1908	1912	1918	rVB	272928	382367	23.72%	2.185%
30	14.224	1933	1938	1941	rBV	1856	2299	0.14%	0.013%
31	14.265	1941	1945	1946	rVV2	2161	2509	0.16%	0.014%
32	14.318	1947	1954	1963	rVB	516553	813305	50.46%	4.647%
33	14.518	1982	1988	1991	rBV5	5707	9051	0.56%	0.052%
34	14.624	2000	2006	2016	rVB2	584909	957600	59.41%	5.471%

LSC Area Percent Report

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Operator : UM/NP
Sample : G3690-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2W2

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	14.824	2033	2040	2047	rBV	129695	227067	14.09%	1.297%
36	14.894	2047	2052	2060	rVB	317072	471586	29.26%	2.694%
37	15.129	2089	2092	2095	rVB3	1842	2116	0.13%	0.012%
38	15.188	2099	2102	2103	rBV2	2341	2463	0.15%	0.014%
39	15.358	2126	2131	2135	rVV6	1857	3307	0.21%	0.019%
40	15.411	2135	2140	2145	rVV2	6694	10637	0.66%	0.061%
41	15.464	2145	2149	2154	rVV	16788	20722	1.29%	0.118%
42	15.517	2156	2158	2163	rVB4	1957	2042	0.13%	0.012%
43	15.617	2168	2175	2181	rBV	687782	1022951	63.47%	5.844%
44	15.729	2188	2194	2202	rBV	55605	86745	5.38%	0.496%
45	15.858	2210	2216	2221	rBV5	9770	20561	1.28%	0.117%
46	15.958	2232	2233	2240	rVB5	3698	4740	0.29%	0.027%
47	16.022	2240	2244	2245	rBV3	3690	3528	0.22%	0.020%
48	16.081	2251	2254	2258	rVB5	3066	4520	0.28%	0.026%
49	16.157	2264	2267	2269	rBV	2053	2372	0.15%	0.014%
50	16.293	2288	2290	2291	rBV2	2263	2039	0.13%	0.012%
51	16.322	2291	2295	2299	rBV	20241	28700	1.78%	0.164%
52	16.504	2322	2326	2329	rVB2	6438	7048	0.44%	0.040%
53	16.575	2331	2338	2339	rBV3	2719	4371	0.27%	0.025%
54	16.663	2351	2353	2355	rBV3	2438	2017	0.13%	0.012%
55	16.780	2369	2373	2375	rBV2	2812	3371	0.21%	0.019%
56	16.827	2378	2381	2384	rVB3	2802	4212	0.26%	0.024%
57	16.904	2389	2394	2395	rBV3	2862	3345	0.21%	0.019%
58	17.115	2426	2430	2434	rBV	19357	22846	1.42%	0.131%
59	17.150	2434	2436	2437	rBV2	5017	3506	0.22%	0.020%
60	17.262	2449	2455	2456	rBV5	3668	4741	0.29%	0.027%
61	17.315	2461	2464	2466	rBV4	1672	1988	0.12%	0.011%
62	17.368	2466	2473	2481	rVV2	809986	1250779	77.60%	7.146%
63	17.468	2483	2490	2497	rVB	730096	1082375	67.15%	6.184%
64	17.591	2508	2511	2515	rBV5	3123	3401	0.21%	0.019%
65	17.650	2515	2521	2525	rVB3	5870	9268	0.58%	0.053%
66	17.750	2535	2538	2543	rVB3	9326	15156	0.94%	0.087%
67	17.855	2552	2556	2560	rVB2	14098	18101	1.12%	0.103%
68	18.026	2583	2585	2587	rVB3	3110	2190	0.14%	0.013%
69	18.137	2600	2604	2606	rBV4	1668	2443	0.15%	0.014%
70	18.249	2620	2623	2628	rBV5	14375	22163	1.38%	0.127%
71	18.320	2633	2635	2639	rVB2	6075	7126	0.44%	0.041%

LSC Area Percent Report

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Acq On : 23 Sep 2015 19:37
Operator : UM/NP
Sample : G3690-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2W2

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	18.549	2669	2674	2682	rBV7	3728	9851	0.61%	0.056%
73	18.637	2687	2689	2692	rBV4	1958	2681	0.17%	0.015%
74	18.984	2746	2748	2750	rBV3	2428	2004	0.12%	0.011%
75	19.013	2750	2753	2754	rVV3	3097	2386	0.15%	0.014%
76	19.260	2793	2795	2798	rBV4	2894	3383	0.21%	0.019%
77	19.753	2872	2879	2889	rVB	813446	1233105	76.50%	7.045%
78	19.976	2914	2917	2919	rBV3	2537	2835	0.18%	0.016%
79	20.100	2936	2938	2939	rBV2	3219	2378	0.15%	0.014%
80	20.270	2965	2967	2974	rBV7	4356	5531	0.34%	0.032%
81	21.269	3133	3137	3143	rBV7	19258	29023	1.80%	0.166%
82	21.510	3175	3178	3183	rVB3	13507	13845	0.86%	0.079%
83	21.627	3191	3198	3208	rVB	1006158	1594734	98.94%	9.111%
84	24.595	3693	3703	3716	rBV	453455	1248879	77.48%	7.135%
85	24.818	3730	3741	3751	rBV	583579	1611820	100.00%	9.209%

Sum of corrected areas: 17503176

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092315\
Data File : BG018858.D
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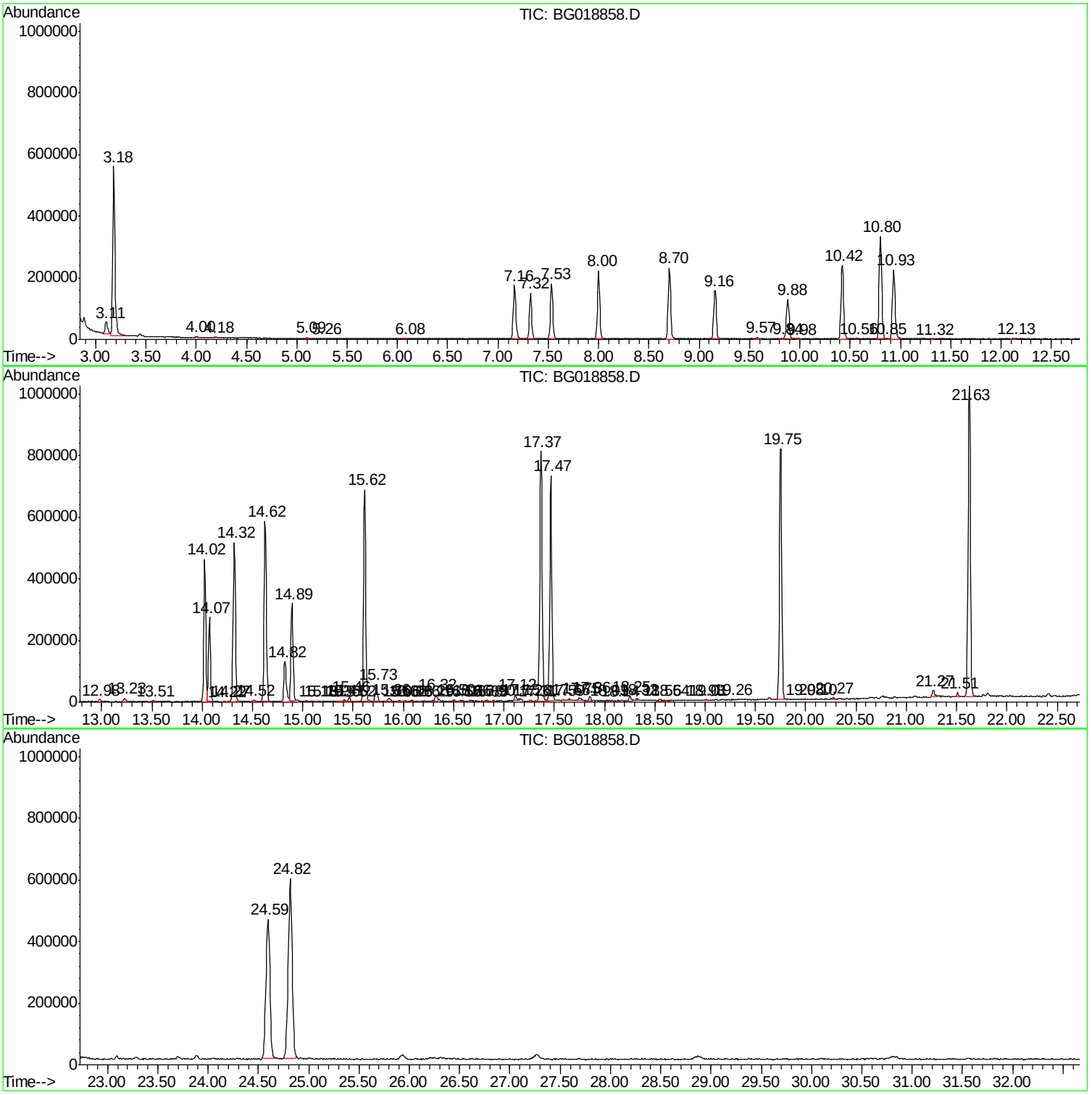
Operator : UM/NP
Sample : G3690-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2W2

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\BG092315\
Data File : BG018858.D
Acq On : 23 Sep 2015 19:37
Operator : UM/NP
Sample : G3690-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2W2

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

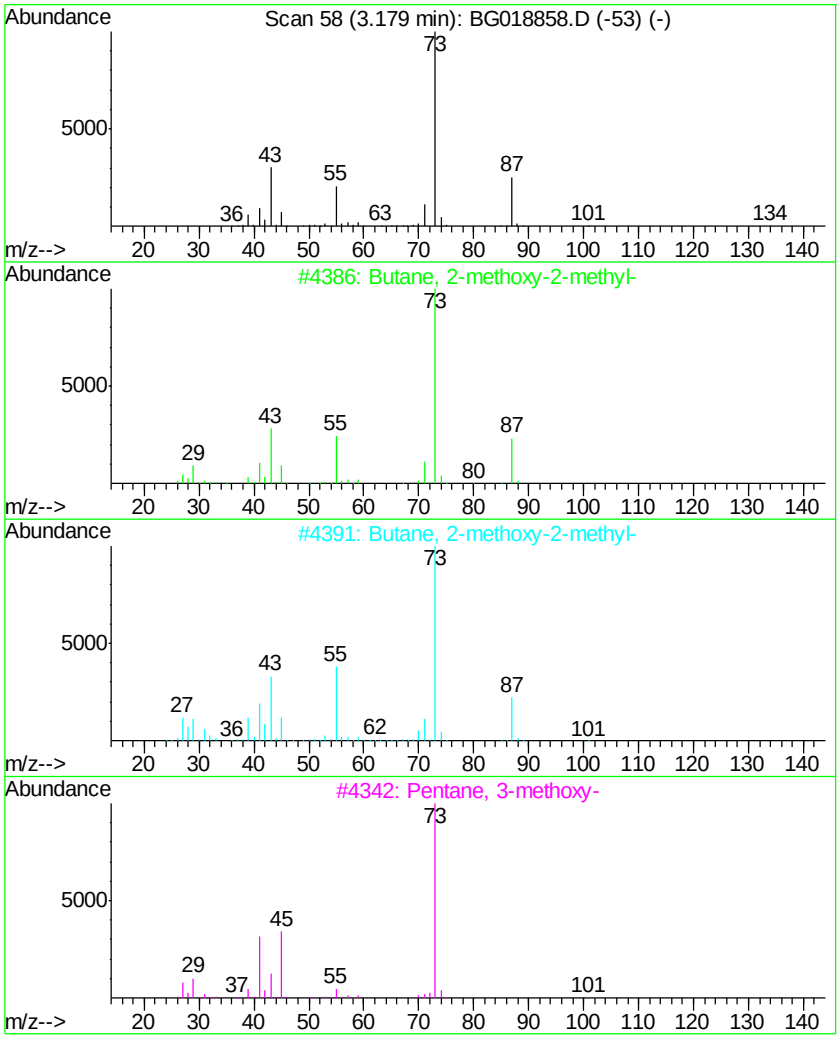
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

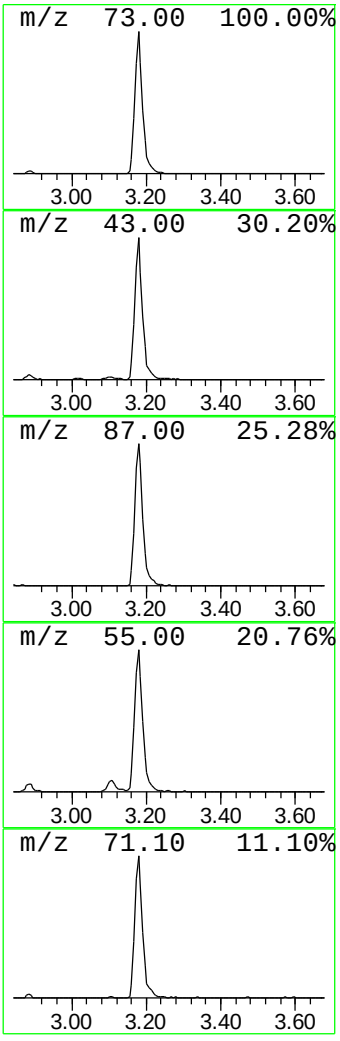
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	43.87 ng/ul	807956	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	25
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

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Data File : BG018858.D
Acq On : 23 Sep 2015 19:37
Operator : UM/NP
Sample : G3690-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2W2

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

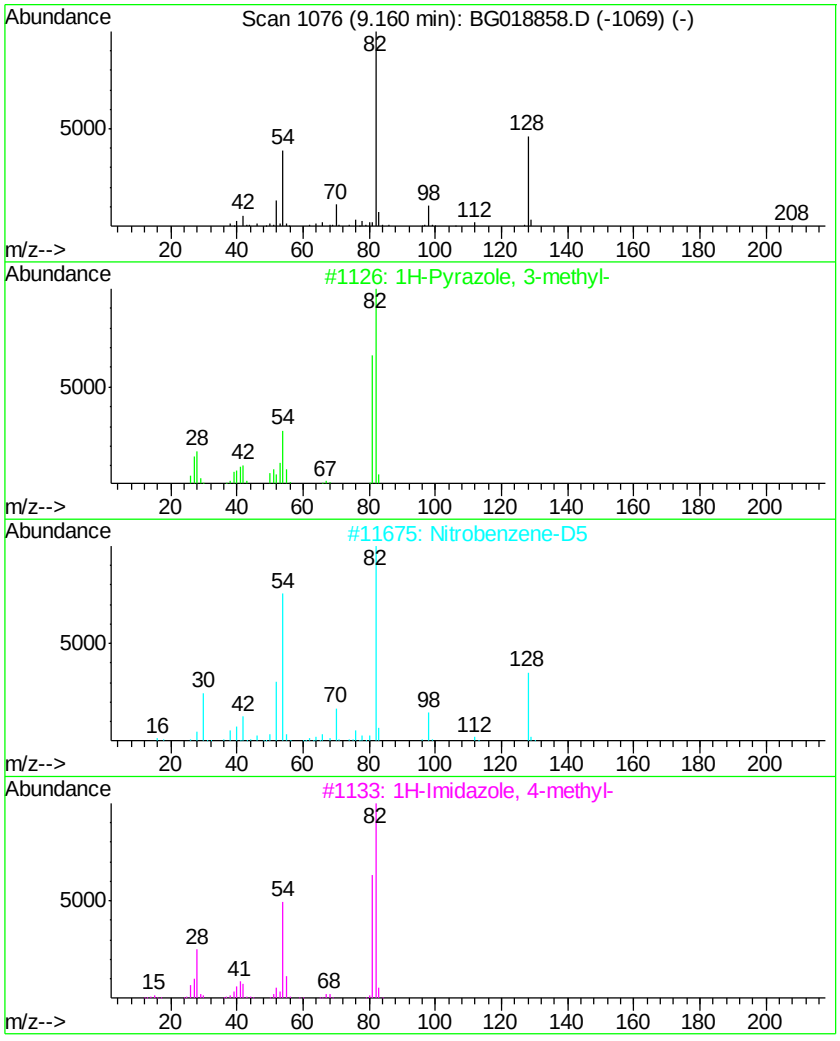
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

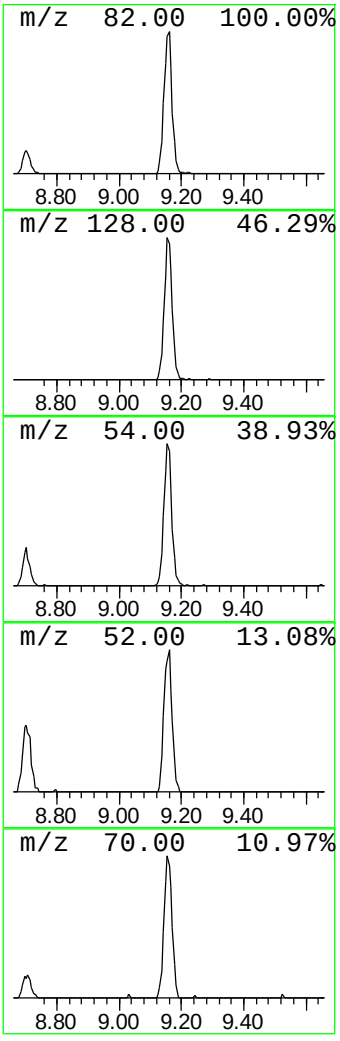
****

Peak Number 3 1H-Pyrazole, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	15.53 ng/ul	286046	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	50
2	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	47
3	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38
4	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	38
5	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	33





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092315\
Data File : BG018858.D
Acq On : 23 Sep 2015 19:37
Operator : UM/NP
Sample : G3690-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2W2

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

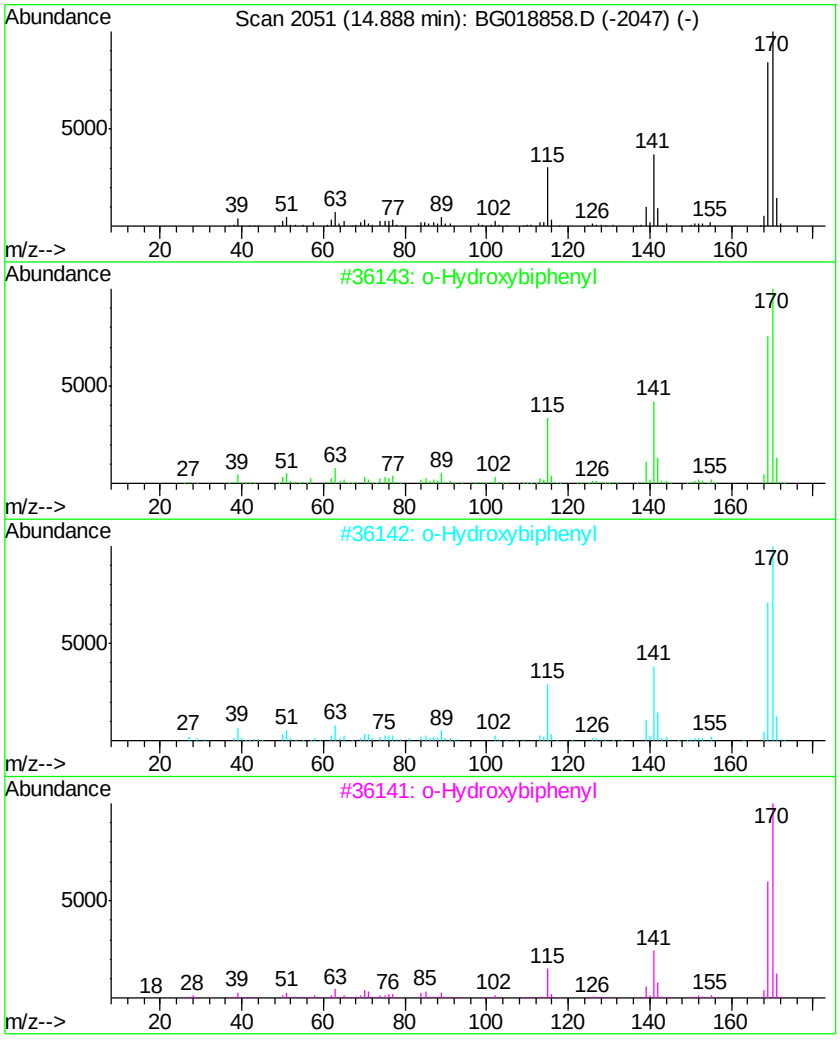
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

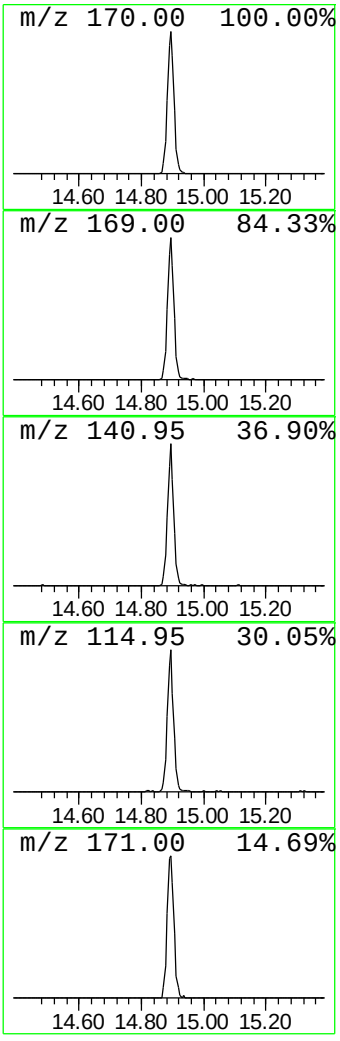
****

Peak Number 4 o-Hydroxybiphenyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	9.85 ng/ul	471586	Acenaphthene-d10	14.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	97
2	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	95
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	87
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	87
5	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	62





Tentatively Identified Compound (LSC) summary

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Data File : BG018858.D
Acq On : 23 Sep 2015 19:37
Operator : UM/NP
Sample : G3690-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2W2

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	43.9	ng/ul	807956	1	8.00	368371	20.0
1H-Pyrazole, 3-me...	9.16	15.5	ng/ul	286046	1	8.00	368371	20.0
o-Hydroxybiphenyl	14.89	9.8	ng/ul	471586	3	14.62	957600	20.0