LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110315\
Data File : BG019459.D
Acq On : 3 Nov 2015 19:29
Operator : UM/NP
Sample : G4202-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY65

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-BG102815.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	3.126	43	49	58	rBV	66065	128486	8.38%	1.026%
2	3.208	58	63	75	rVB	226640	341938	22.30%	2.730%
3	3.854	170	173	176	rVB3	2461	3588	0.23%	0.029%
4	4.277	240	245	250	rBV3	5516	10496	0.68%	0.084%
5	6.187	565	570	576	rBV3	3099	5378	0.35%	0.043%
6	6.357	595	599	603	rBV2	1522	2430	0.16%	0.019%
7	6.669	648	652	654	rBV2	2301	3021	0.20%	0.024%
8	7.221	739	746	751	rBV2	1658	3928	0.26%	0.031%
9	7.327	758	764	774	rVB2	30986	54264	3.54%	0.433%
10	7.491	786	792	802	rVB	107469	177940	11.60%	1.421%
11	7.709	820	829	836	rBV	110723	191570	12.49%	1.530%
12	8.179	901	909	915	rBV2	108012	182769	11.92%	1.459%
13	8.232	916	918	922	rVB3	5924	5987	0.39%	0.048%
14	8.884	1022	1029	1039	rBV2	95819	164502	10.73%	1.314%
15	9.001	1046	1049	1050	rBV	3324	3653	0.24%	0.029%
16	9.289	1092	1098	1101	rBV4	13060	23096	1.51%	0.184%
17	9.354	1101	1109	1117	rVV	150443	270051	17.61%	2.156%
18	9.436	1120	1123	1128	rVB2	1576	2033	0.13%	0.016%
19	9.683	1163	1165	1167	rBV2	1946	2184	0.14%	0.017%
20	10.076	1224	1232	1241	rVB2	137562	250062	16.31%	1.997%
21	10.429	1290	1292	1295	rBV2	2075	2107	0.14%	0.017%
22	10.623	1317	1325	1333	rBV	189560	327254	21.34%	2.613%
23	10.899	1369	1372	1377	rBV3	3476	5527	0.36%	0.044%
24	11.011	1382	1391	1401	rBV	146838	270293	17.63%	2.158%
25	11.140	1407	1413	1419	rVB4	9678	15766	1.03%	0.126%
26	11.304	1437	1441	1444	rBV2	1803	2362	0.15%	0.019%
27	11.780	1515	1522	1523	rBV2	1828	3041	0.20%	0.024%
28	12.239	1595	1600	1602	rBV3	4220	6370	0.42%	0.051%
29	12.274	1602	1606	1612	rVB2	6267	10646	0.69%	0.085%
30	12.503	1643	1645	1651	rVB2	1878	2022	0.13%	0.016%
31	12.573	1654	1657	1661	rBV2	3670	5441	0.35%	0.043%
32	13.085	1737	1744	1746	rBV2	1750	3186	0.21%	0.025%
33	13.161	1755	1757	1759	rBV2	3485	3910	0.25%	0.031%
34	13.414	1795	1800	1804	rVB2	9860	14389	0.94%	0.115%

LSC Area Percent Report

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Acq On : 3 Nov 2015 19:29
Operator : UM/NP
Sample : G4202-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY65

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-BG102815.M
Title : SVOA CALIBRATION

35	13.719	1849	1852	1858	rVB2	3792	5091	0.33%	0.041%
36	14.201	1928	1934	1940	rBV	430406	634069	41.35%	5.063%
37	14.242	1940	1941	1947	rVB2	1937	3266	0.21%	0.026%
38	14.330	1953	1956	1958	rVB	2361	2060	0.13%	0.016%
39	14.442	1972	1975	1979	rBV2	1982	2437	0.16%	0.019%
40	14.507	1979	1986	1993	rBV	418051	627474	40.92%	5.011%
41	14.812	2030	2038	2044	rBV3	258787	440322	28.71%	3.516%
42	14.883	2044	2050	2055	rVB4	12321	17891	1.17%	0.143%
43	14.994	2063	2069	2076	rBV	49775	80113	5.22%	0.640%
44	15.364	2127	2132	2135	rBV2	1253	2512	0.16%	0.020%
45	15.470	2143	2150	2156	rBV3	13752	21598	1.41%	0.172%
46	15.605	2169	2173	2176	rBV4	5276	7344	0.48%	0.059%
47	15.799	2199	2206	2213	rVB	582537	873508	56.96%	6.975%
48	15.905	2218	2224	2233	rVV	268713	396471	25.85%	3.166%
49	15.981	2235	2237	2242	rBV3	2521	4151	0.27%	0.033%
50	16.040	2242	2247	2249	rVB3	7164	8243	0.54%	0.066%
51	16.152	2263	2266	2269	rBV2	5671	5937	0.39%	0.047%
52	16.234	2275	2280	2284	rBV	2151	3684	0.24%	0.029%
53	16.381	2298	2305	2306	rBV3	2168	3770	0.25%	0.030%
54	16.487	2320	2323	2329	rVB	1676	2460	0.16%	0.020%
55	16.745	2364	2367	2370	rBV	1497	2272	0.15%	0.018%
56	16.945	2397	2401	2405	rBV3	2044	2470	0.16%	0.020%
57	16.992	2407	2409	2415	rVB3	2185	2935	0.19%	0.023%
58	17.121	2428	2431	2434	rBV2	2591	3184	0.21%	0.025%
59	17.397	2475	2478	2486	rVB3	1335	2763	0.18%	0.022%
60	17.479	2490	2492	2497	rVV4	1696	2294	0.15%	0.018%
61	17.550	2497	2504	2511	rVB	448575	636806	41.53%	5.085%
62	17.650	2513	2521	2528	rBV	743317	1107503	72.22%	8.844%
63	17.809	2543	2548	2555	rBV	5232	9074	0.59%	0.072%
64	18.008	2580	2582	2585	rVB2	2194	2013	0.13%	0.016%
65	18.202	2610	2615	2620	rBV2	164063	221794	14.46%	1.771%
66	18.308	2630	2633	2635	rBV2	1905	2733	0.18%	0.022%
67	18.373	2641	2644	2648	rBV2	3410	3124	0.20%	0.025%
68	18.420	2648	2652	2654	rVB4	1692	2352	0.15%	0.019%
69	18.490	2660	2664	2668	rBV2	6939	10752	0.70%	0.086%
70	18.531	2668	2671	2675	rVB5	6619	8571	0.56%	0.068%
71	18.578	2675	2679	2682	rBV3	3146	3833	0.25%	0.031%

LSC Area Percent Report

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Acq On : 3 Nov 2015 19:29
Operator : UM/NP
Sample : G4202-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY65

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-BG102815.M
Title : SVOA CALIBRATION

72	18.678	2690	2696	2702	rVB6	8934	13179	0.86%	0.105%
73	18.866	2726	2728	2732	rVB4	2907	3061	0.20%	0.024%
74	18.919	2734	2737	2739	rBV2	3114	2821	0.18%	0.023%
75	19.013	2749	2753	2755	rBV3	4190	4148	0.27%	0.033%
76	19.130	2771	2773	2776	rBV2	2874	3094	0.20%	0.025%
77	19.442	2822	2826	2829	rBV4	2411	3646	0.24%	0.029%
78	19.559	2843	2846	2852	rVB2	12482	16424	1.07%	0.131%
79	19.812	2887	2889	2894	rVB2	10793	13232	0.86%	0.106%
80	19.924	2902	2908	2915	rBV	1030387	1438244	93.79%	11.485%
81	20.123	2940	2942	2944	rBV2	3229	2187	0.14%	0.017%
82	21.827	3226	3232	3243	rVB	559217	951838	62.07%	7.601%
83	24.947	3754	3763	3775	rVB2	535486	1533515	100.00%	12.246%
84	25.182	3793	3803	3814	rVB2	293038	870980	56.80%	6.955%

Sum of corrected areas: 12522933

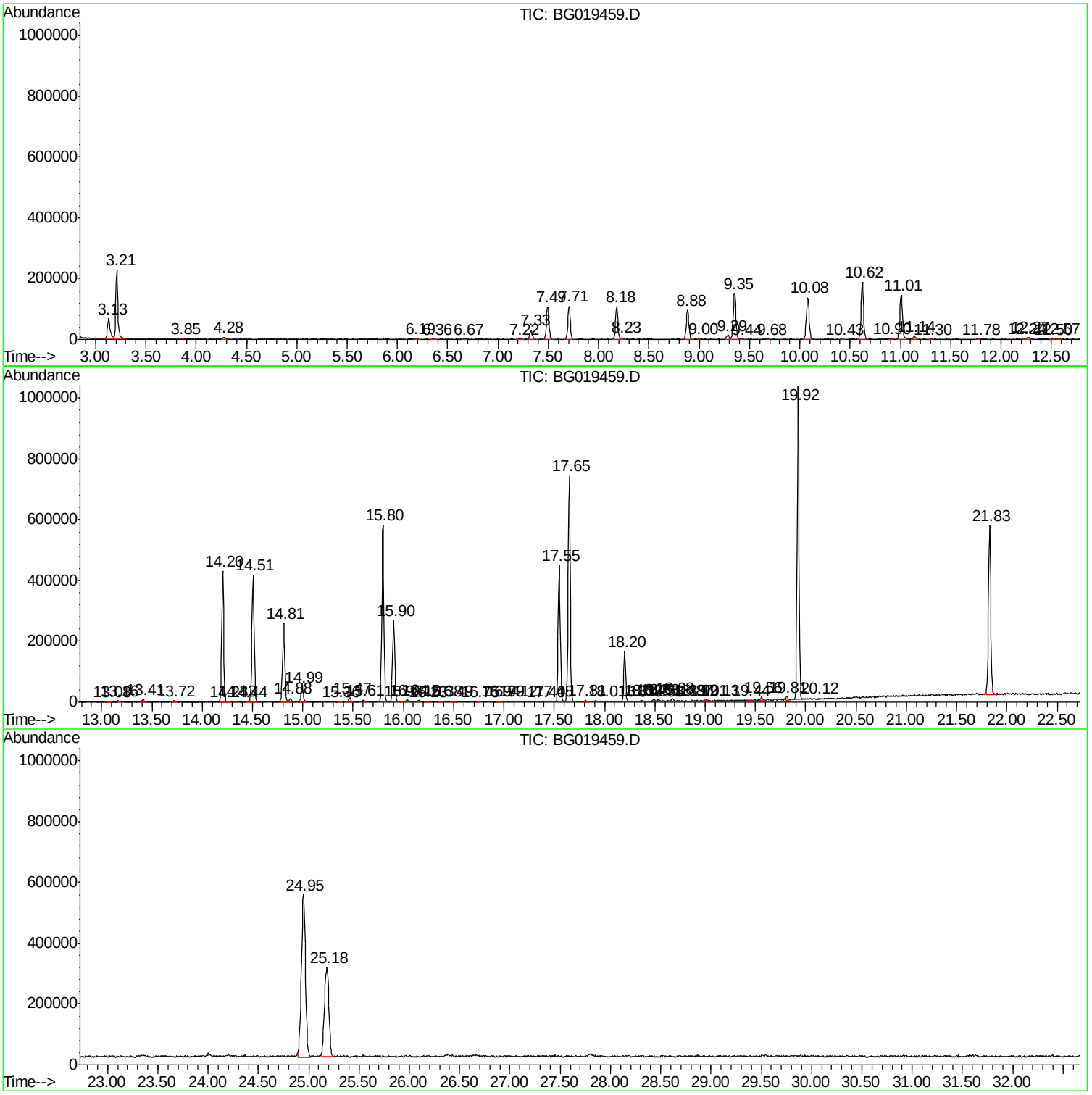
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110315\
Data File : BG019459.D
Acq On : 3 Nov 2015 19:29
Operator : UM/NP
Sample : G4202-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.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\BG110315\
Data File : BG019459.D
Acq On : 3 Nov 2015 19:29
Operator : UM/NP
Sample : G4202-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

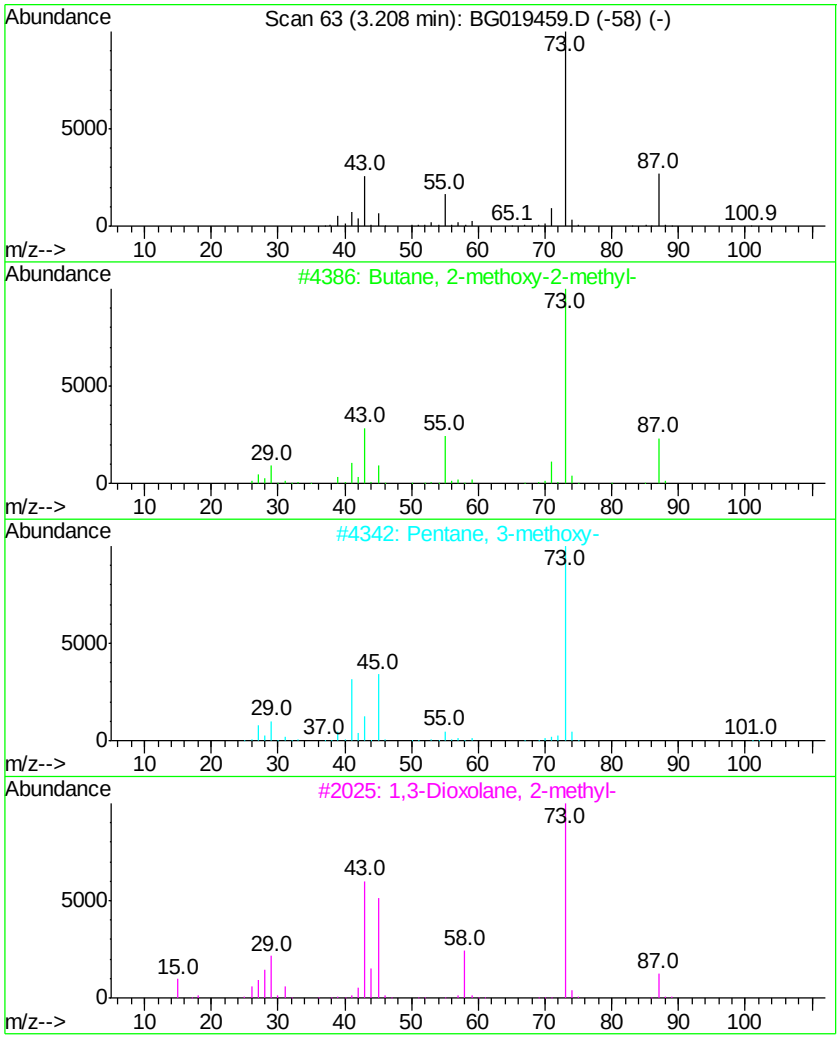
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

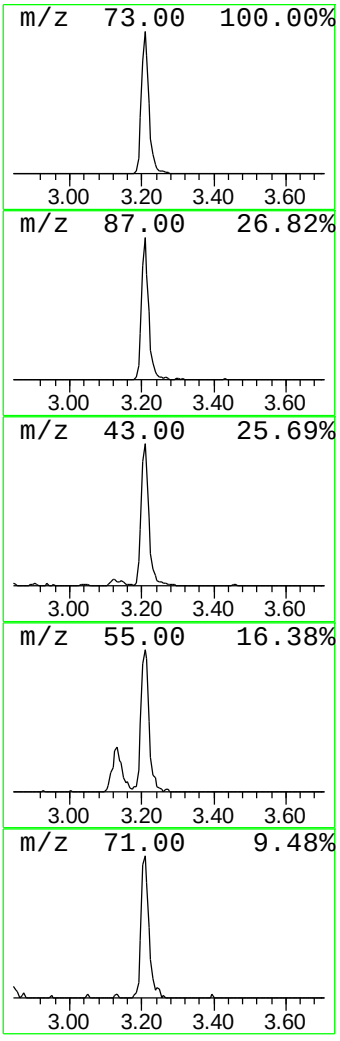
****

Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	37.42 ng/ul	341938	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	37
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : BCY65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

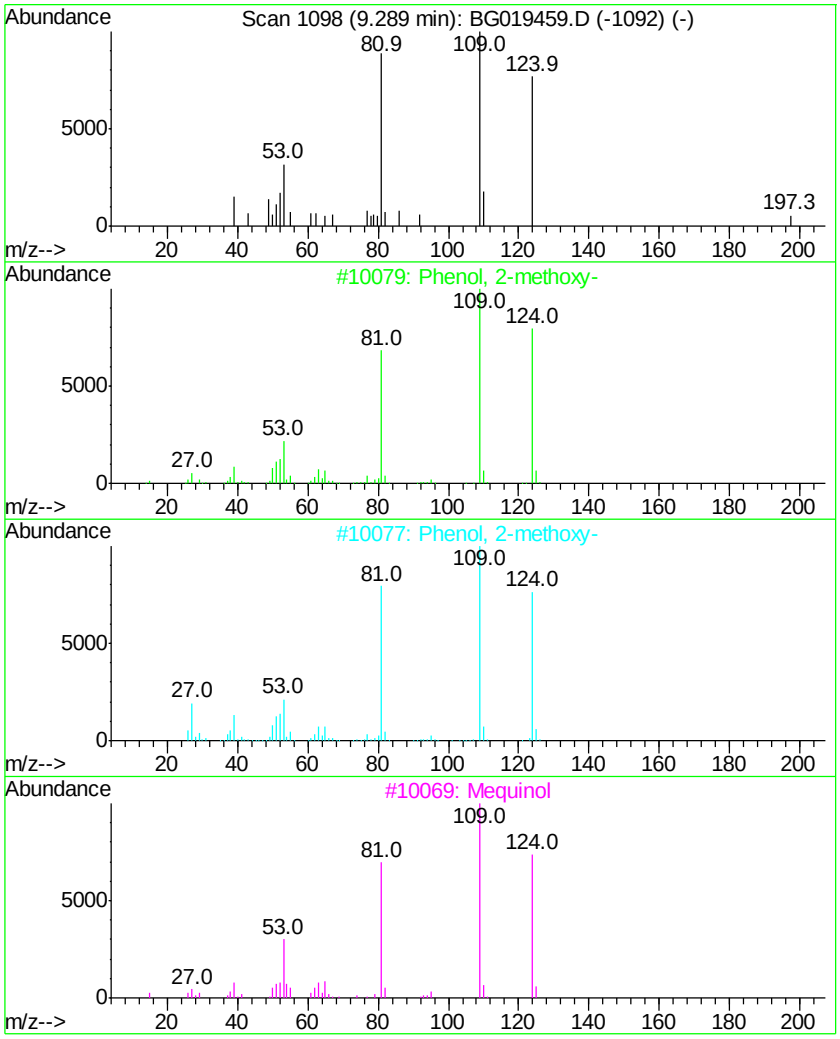
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

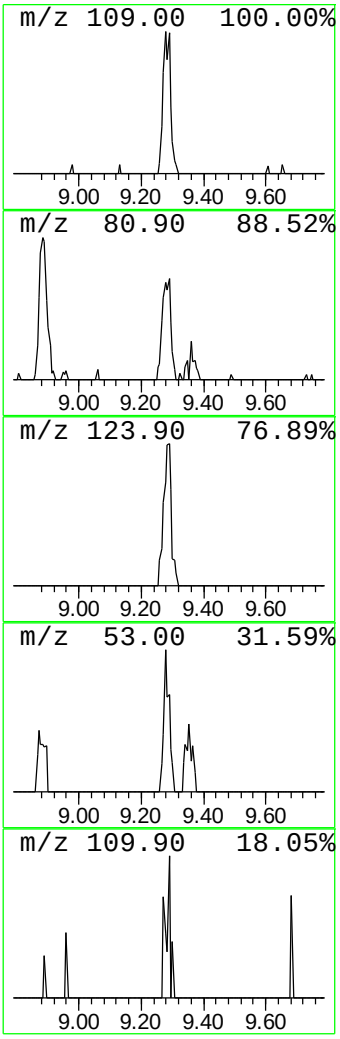
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	2.53 ng/ul	23096	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	87
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	86
3	Mequinol	124	C7H8O2	000150-76-5	80
4	Cyclopent-2-ene-1-one, 2,3,4-tri...	124	C8H12O	083321-16-8	72
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110315\
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Acq On : 3 Nov 2015 19:29
Operator : UM/NP
Sample : G4202-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

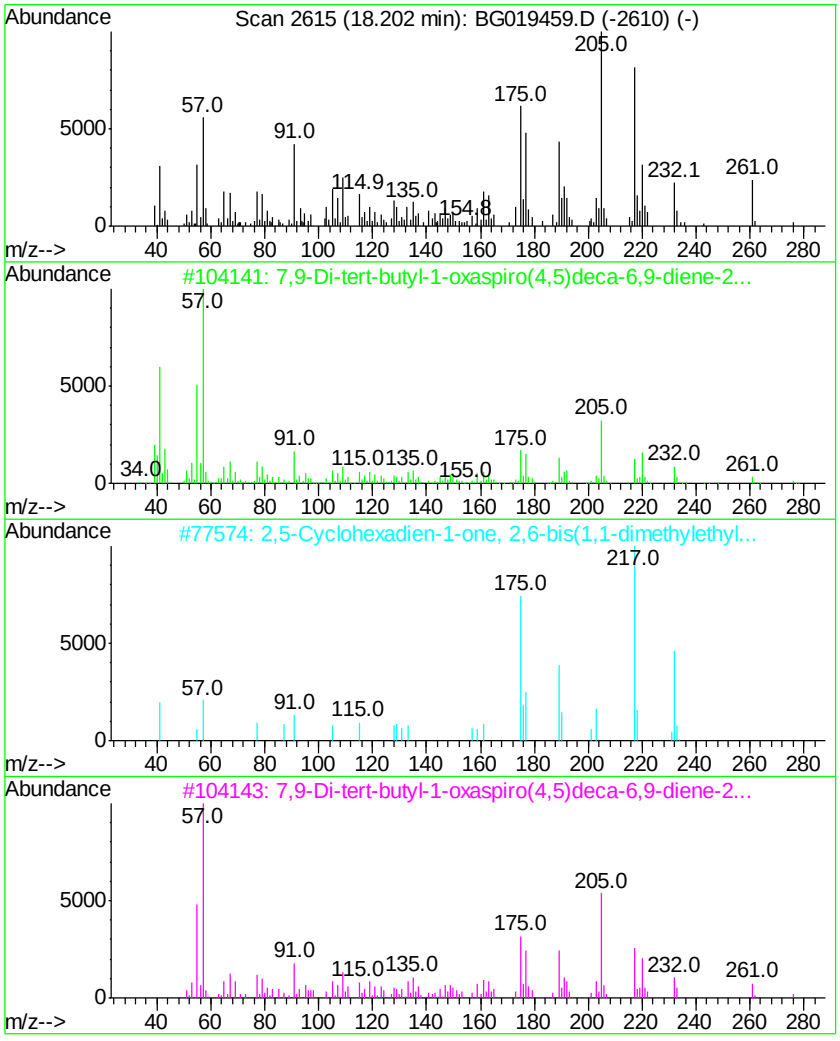
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

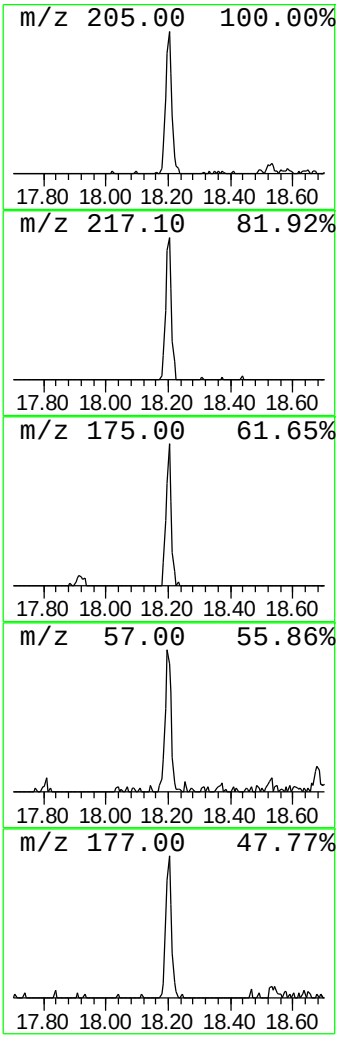
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	6.97 ng/ul	221794	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	96
2	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	86
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	81
4	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	58
5	3-(3-Imino-1-pyrazolidinyl)benzo...	205	C10H11N3O2	083671-99-2	56





Tentatively Identified Compound (LSC) summary

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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	3.21	37.4	ng/ul	341938	1	8.18	182769	20.0
Phenol, 2-methoxy-	9.29	2.5	ng/ul	23096	1	8.18	182769	20.0
7,9-Di-tert-butyl...	18.20	7.0	ng/ul	221794	4	17.55	636806	20.0