LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018910.D
Acq On : 26 Sep 2015 13:23
Operator : UM/NP
Sample : G3800-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C03L8

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	2.875	3	6	14	rVB3	18787	27942	2.29%	0.258%
2	3.005	26	28	31	rBV2	1969	2128	0.17%	0.020%
3	3.093	36	43	51	rBV2	53597	89728	7.34%	0.829%
4	3.169	51	56	72	rVB	906859	1222467	100.00%	11.291%
5	3.428	95	100	101	rBV4	3038	3425	0.28%	0.032%
6	4.274	242	244	249	rBV3	1791	2030	0.17%	0.019%
7	4.538	285	289	295	rVB5	3908	7222	0.59%	0.067%
8	5.084	378	382	385	rVB4	1542	2440	0.20%	0.023%
9	5.478	448	449	454	rVV3	1627	2177	0.18%	0.020%
10	7.129	724	730	731	rBV3	5240	8571	0.70%	0.079%
11	7.158	731	735	744	rVB	37793	65573	5.36%	0.606%
12	7.311	756	761	770	rBV	146246	235119	19.23%	2.172%
13	7.523	790	797	806	rBV	144933	246975	20.20%	2.281%
14	7.993	867	877	882	rBV	145781	249317	20.39%	2.303%
15	8.046	882	886	895	rVV2	24474	40444	3.31%	0.374%
16	8.698	991	997	1007	rBV	123628	208443	17.05%	1.925%
17	8.804	1012	1015	1019	rBV2	1470	2231	0.18%	0.021%
18	9.086	1056	1063	1068	rBV	35413	60958	4.99%	0.563%
19	9.144	1068	1073	1084	rVB	152129	272081	22.26%	2.513%
20	9.303	1098	1100	1104	rVB2	1680	2341	0.19%	0.022%
21	9.562	1138	1144	1152	rVB2	18850	26391	2.16%	0.244%
22	9.873	1190	1197	1206	rBV	127765	231706	18.95%	2.140%
23	10.413	1282	1289	1302	rBV	220348	397036	32.48%	3.667%
24	10.578	1315	1317	1319	rVB2	3031	2254	0.18%	0.021%
25	10.790	1346	1353	1366	rBV	212211	376120	30.77%	3.474%
26	11.953	1545	1551	1555	rBV2	1879	3480	0.28%	0.032%
27	12.053	1562	1568	1573	rVB2	20249	28270	2.31%	0.261%
28	12.111	1573	1578	1580	rBV3	2196	2933	0.24%	0.027%
29	12.969	1720	1724	1729	rVB3	4541	6603	0.54%	0.061%
30	13.216	1762	1766	1770	rVV2	6512	8905	0.73%	0.082%
31	13.533	1812	1820	1826	rBV2	14220	23681	1.94%	0.219%
32	14.015	1895	1902	1911	rBV	471558	677166	55.39%	6.254%
33	14.309	1945	1952	1963	rVV	329283	520444	42.57%	4.807%
34	14.614	1996	2004	2013	rBV2	381336	608131	49.75%	5.617%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018910.D
Acq On : 26 Sep 2015 13:23
Operator : UM/NP
Sample : G3800-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C03L8

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	14.691	2013	2017	2021	rVB4	4502	6450	0.53%	0.060%
36	14.820	2032	2039	2050	rBV3	34495	71918	5.88%	0.664%
37	14.902	2051	2053	2055	rVV3	2541	2414	0.20%	0.022%
38	15.196	2099	2103	2108	rVB	7388	11202	0.92%	0.103%
39	15.284	2110	2118	2120	rVV3	3022	4943	0.40%	0.046%
40	15.314	2120	2123	2128	rVB2	3678	6043	0.49%	0.056%
41	15.419	2133	2141	2145	rVV2	9243	15451	1.26%	0.143%
42	15.602	2164	2172	2180	rBV	318499	470696	38.50%	4.347%
43	15.719	2187	2192	2205	rBV	129000	194109	15.88%	1.793%
44	15.842	2210	2213	2219	rVB3	3478	5197	0.43%	0.048%
45	15.960	2230	2233	2236	rVB2	2571	2654	0.22%	0.025%
46	16.489	2317	2323	2329	rVB3	8430	11721	0.96%	0.108%
47	16.553	2329	2334	2339	rBV3	3519	5499	0.45%	0.051%
48	16.947	2394	2401	2404	rBV3	2966	4494	0.37%	0.042%
49	17.141	2429	2434	2438	rVB3	3713	4877	0.40%	0.045%
50	17.352	2464	2470	2477	rBV2	569451	868965	71.08%	8.026%
51	17.452	2482	2487	2492	rVB	84316	124612	10.19%	1.151%
52	17.634	2516	2518	2520	rVB2	2328	2047	0.17%	0.019%
53	17.811	2545	2548	2550	rBV2	2280	2126	0.17%	0.020%
54	18.016	2577	2583	2588	rBV	159475	207846	17.00%	1.920%
55	18.081	2591	2594	2596	rBV3	1763	2064	0.17%	0.019%
56	18.181	2607	2611	2614	rBV2	1960	3010	0.25%	0.028%
57	18.234	2617	2620	2625	rVV5	6239	9103	0.74%	0.084%
58	18.304	2629	2632	2637	rBV	7405	10745	0.88%	0.099%
59	18.492	2660	2664	2665	rBV2	2450	2557	0.21%	0.024%
60	18.545	2670	2673	2676	rBV3	1536	2050	0.17%	0.019%
61	18.651	2689	2691	2693	rBV3	2556	2291	0.19%	0.021%
62	18.868	2726	2728	2732	rVB4	2066	2139	0.17%	0.020%
63	18.986	2744	2748	2750	rBV4	2177	2341	0.19%	0.022%
64	19.150	2773	2776	2780	rVB4	2090	2335	0.19%	0.022%
65	19.233	2787	2790	2792	rBV4	2050	2131	0.17%	0.020%
66	19.532	2838	2841	2842	rBV3	2223	2331	0.19%	0.022%
67	19.650	2852	2861	2864	rBV5	15051	21285	1.74%	0.197%
68	19.732	2869	2875	2885	rVB	283382	416091	34.04%	3.843%
69	19.885	2898	2901	2902	rBV3	2306	2238	0.18%	0.021%
70	19.961	2912	2914	2917	rVV4	2614	2682	0.22%	0.025%
71	20.049	2927	2929	2933	rBV5	3028	4193	0.34%	0.039%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018910.D
Acq On : 26 Sep 2015 13:23
Operator : UM/NP
Sample : G3800-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C03L8

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	20.161	2945	2948	2950	rBV3	2724	3443	0.28%	0.032%
73	20.255	2963	2964	2968	rBV4	2212	2926	0.24%	0.027%
74	20.496	3003	3005	3008	rVB3	2808	2513	0.21%	0.023%
75	20.637	3027	3029	3031	rVV3	3198	2394	0.20%	0.022%
76	20.684	3034	3037	3041	rVB6	9275	11299	0.92%	0.104%
77	20.748	3046	3048	3052	rVV4	3437	4380	0.36%	0.040%
78	20.784	3052	3054	3061	rVB8	4036	5616	0.46%	0.052%
79	21.095	3105	3107	3110	rBV3	4015	3062	0.25%	0.028%
80	21.606	3187	3194	3202	rBV	747694	1156274	94.59%	10.679%
81	22.229	3298	3300	3302	rBV3	5302	3162	0.26%	0.029%
82	22.711	3380	3382	3384	rVB3	5404	4323	0.35%	0.040%
83	22.734	3384	3386	3387	rBV2	4900	2958	0.24%	0.027%
84	23.046	3434	3439	3445	rBV8	22732	51852	4.24%	0.479%
85	23.240	3470	3472	3474	rBV3	5406	4046	0.33%	0.037%
86	23.622	3535	3537	3540	rBV4	6214	4178	0.34%	0.039%
87	23.845	3572	3575	3579	rBV6	9397	14053	1.15%	0.130%
88	24.109	3618	3620	3622	rBV3	4522	4596	0.38%	0.042%
89	24.338	3657	3659	3661	rBV4	4993	3541	0.29%	0.033%
90	24.550	3690	3695	3706	rVB2	52196	142553	11.66%	1.317%
91	24.779	3724	3734	3747	rVB	421945	1184845	96.92%	10.943%
92	25.531	3860	3862	3864	rBV2	4567	2613	0.21%	0.024%
93	25.707	3890	3892	3895	rBV3	4484	5766	0.47%	0.053%
94	26.553	4034	4036	4037	rBV2	6345	3618	0.30%	0.033%
95	27.159	4138	4139	4140	rBV	7090	4203	0.34%	0.039%
96	27.505	4196	4198	4200	rBV3	4839	3542	0.29%	0.033%
97	28.933	4439	4441	4442	rVB	4506	2586	0.21%	0.024%
98	29.268	4496	4498	4503	rBV6	5030	7893	0.65%	0.073%
99	31.982	4958	4960	4962	rBV3	4707	3862	0.32%	0.036%
100	32.347	5020	5022	5023	rBV2	4580	3596	0.29%	0.033%

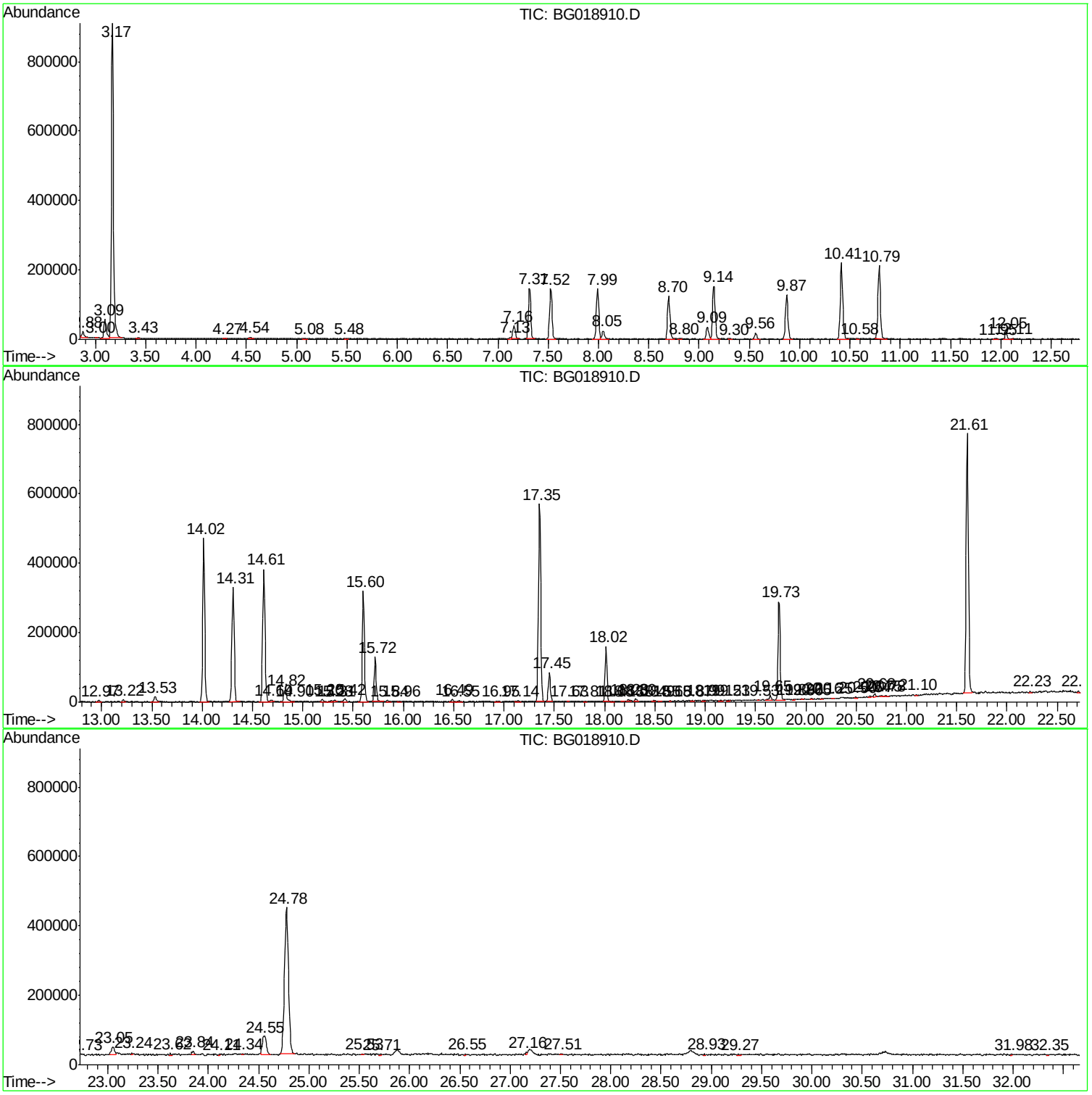
Sum of corrected areas: 10827275

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018910.D
Acq On : 26 Sep 2015 13:23
Operator : UM/NP
Sample : G3800-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C03L8

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\BG092515\
Data File : BG018910.D
Acq On : 26 Sep 2015 13:23
Operator : UM/NP
Sample : G3800-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C03L8

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

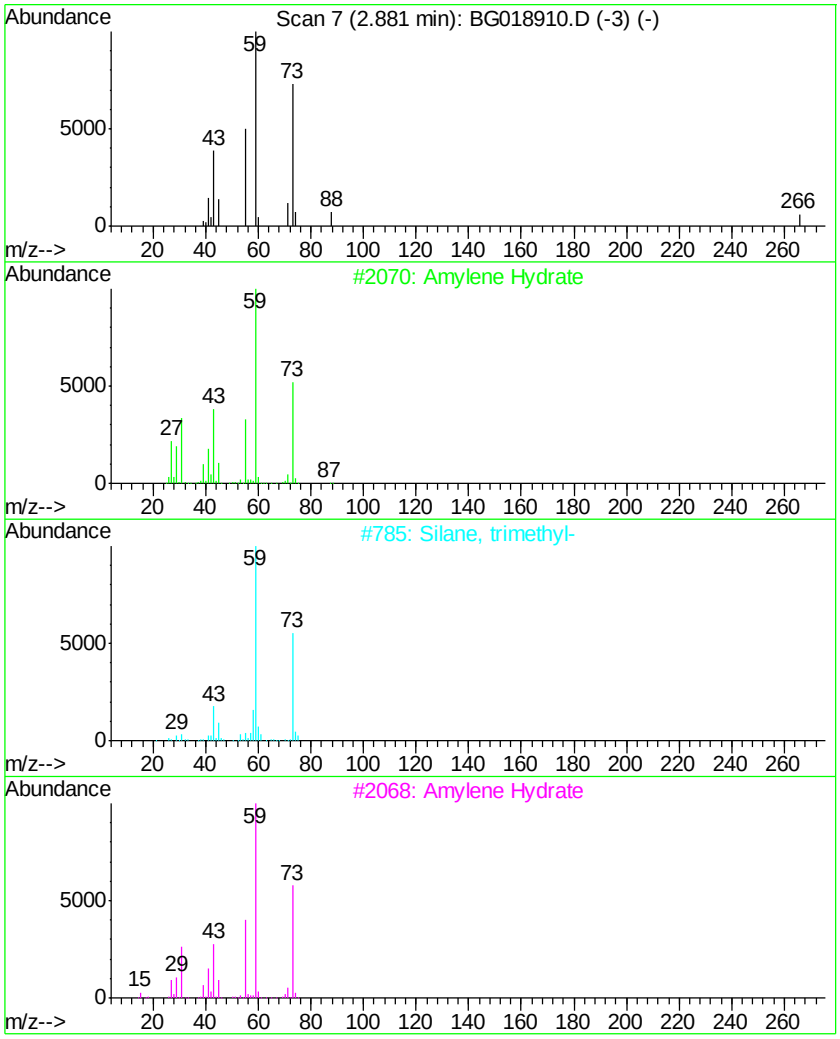
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

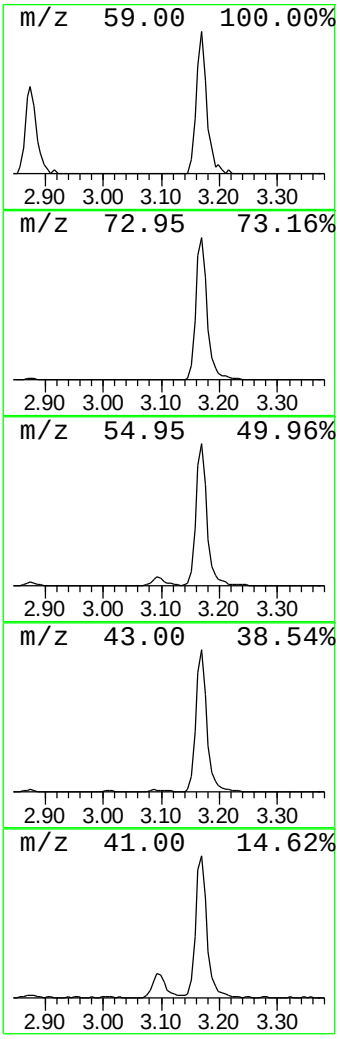
****

Peak Number 1 Amylene Hydrate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	2.24 ng/ul	27942	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene Hydrate	88	C5H12O	000075-85-4	72
2	Silane, trimethyl-	74	C3H10Si	000993-07-7	64
3	Amylene Hydrate	88	C5H12O	000075-85-4	56
4	1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	50
5	1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	45





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018910.D
Acq On : 26 Sep 2015 13:23
Operator : UM/NP
Sample : G3800-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C03L8

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

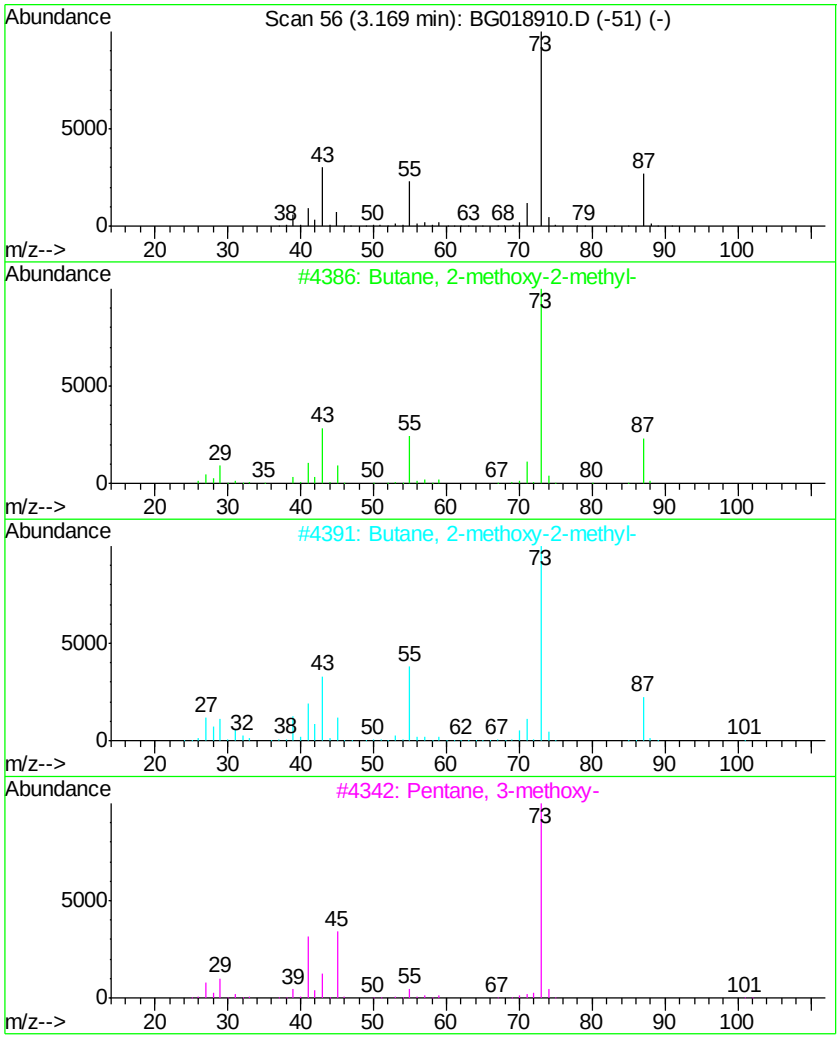
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

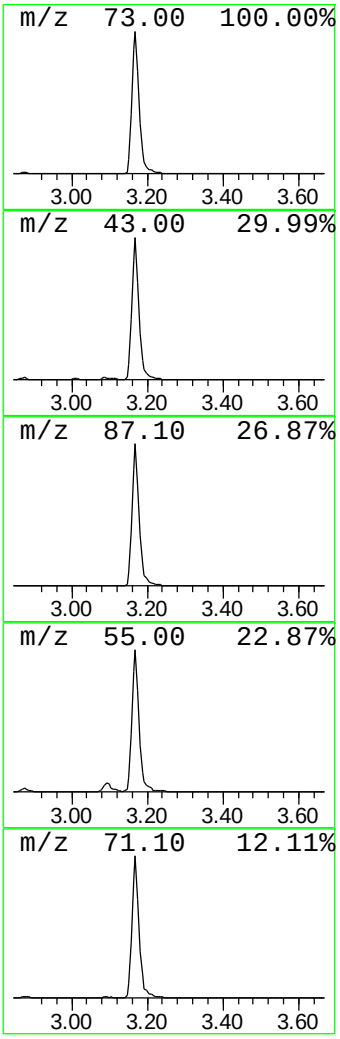
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	98.07 ng/ul	1222470	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018910.D
Acq On : 26 Sep 2015 13:23
Operator : UM/NP
Sample : G3800-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C03L8

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

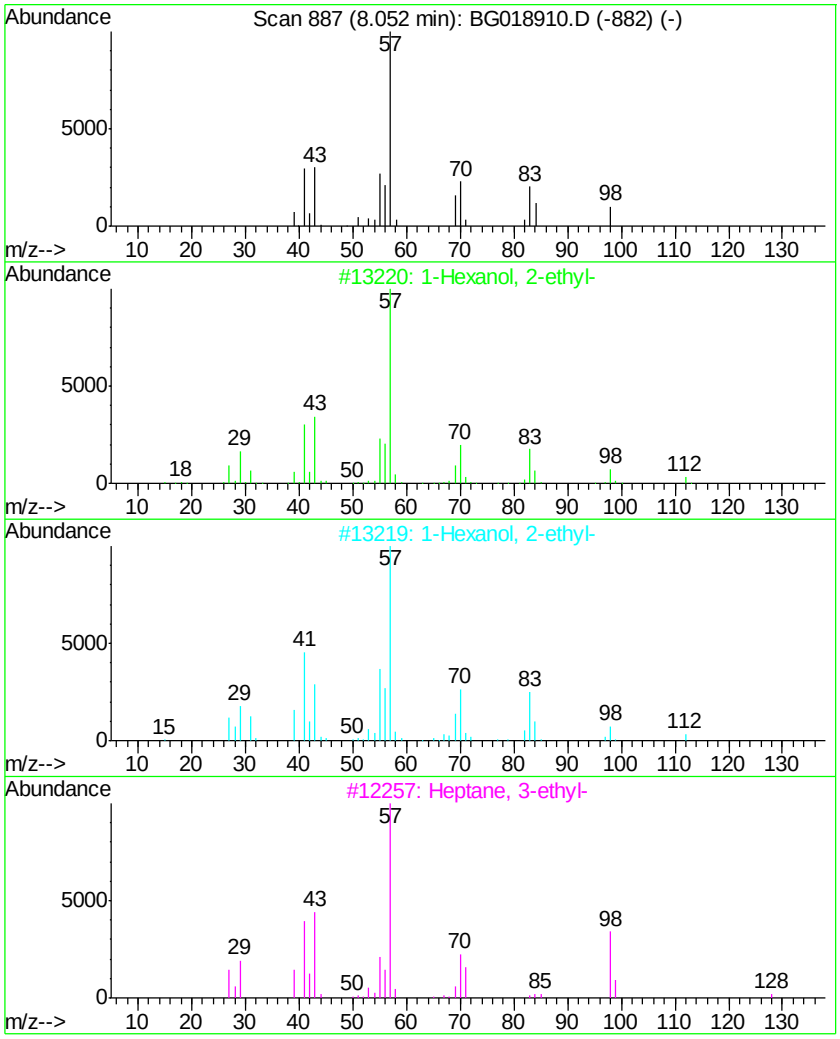
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

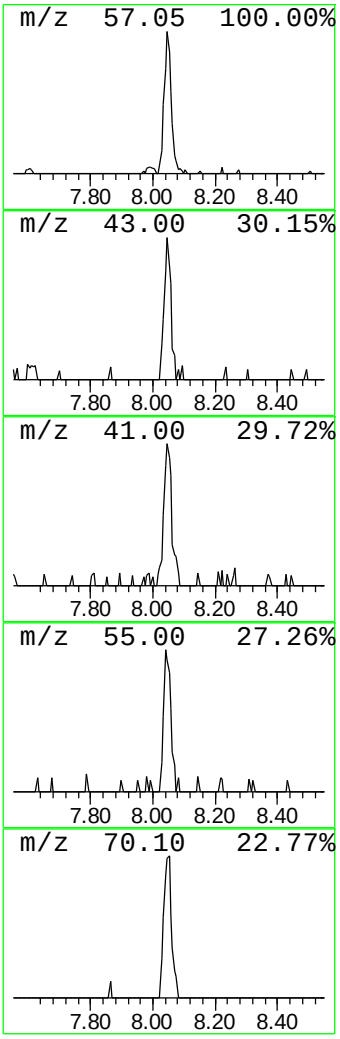
****

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	3.24 ng/ul	40444	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	Heptane, 3-ethyl-	128	C9H20	015869-80-4	50
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	45
5	2,2-Dimethylpropionic acid, 4-me...	186	C11H22O2	150588-62-8	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018910.D
Acq On : 26 Sep 2015 13:23
Operator : UM/NP
Sample : G3800-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C03L8

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

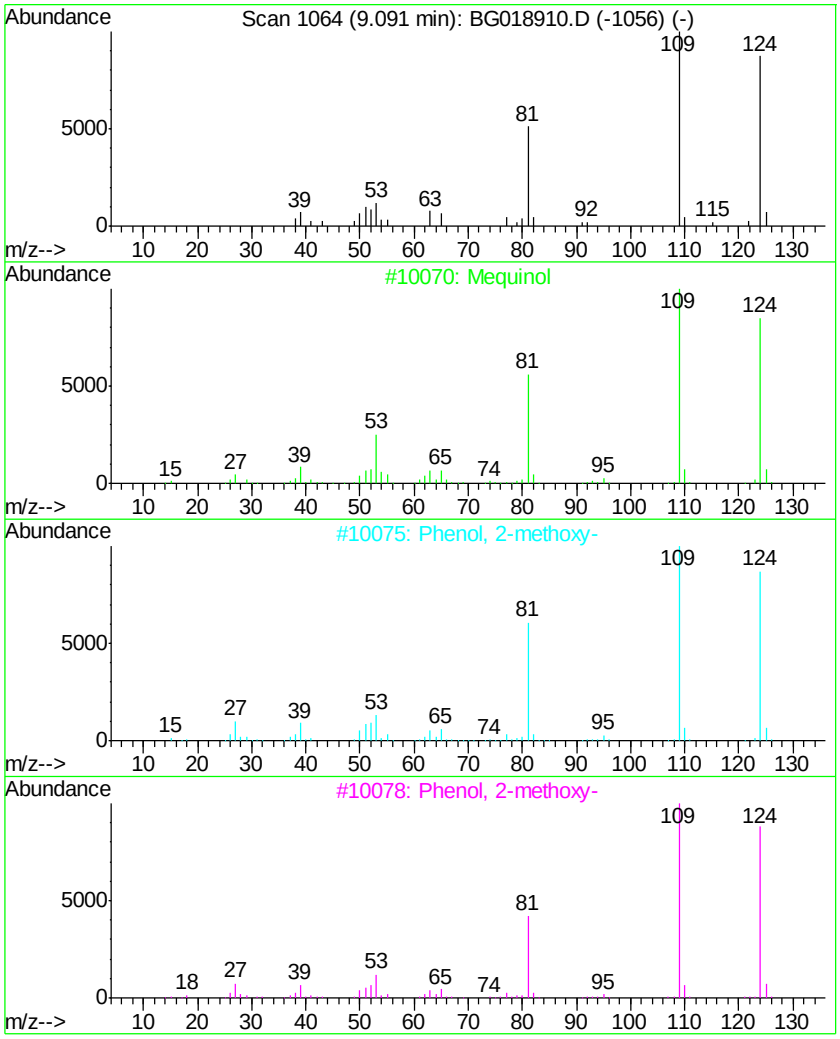
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

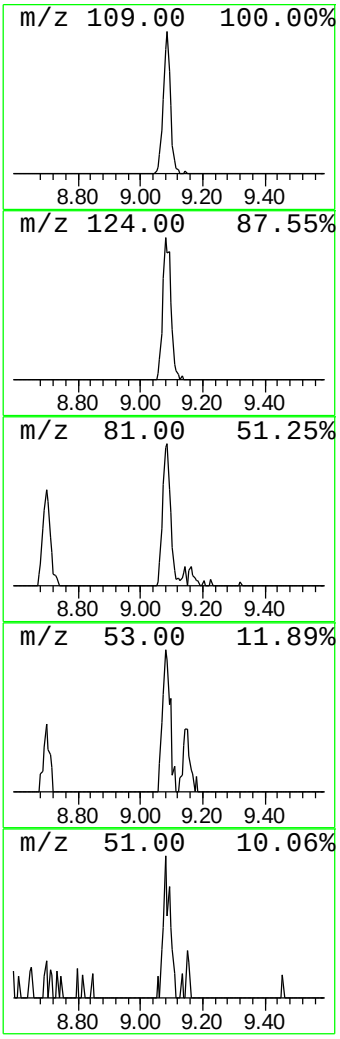
****

Peak Number 5 Mequinol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	4.89 ng/ul	60958	1,4-Dichlorobenzene-d4	7.99

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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018910.D
Acq On : 26 Sep 2015 13:23
Operator : UM/NP
Sample : G3800-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C03L8

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

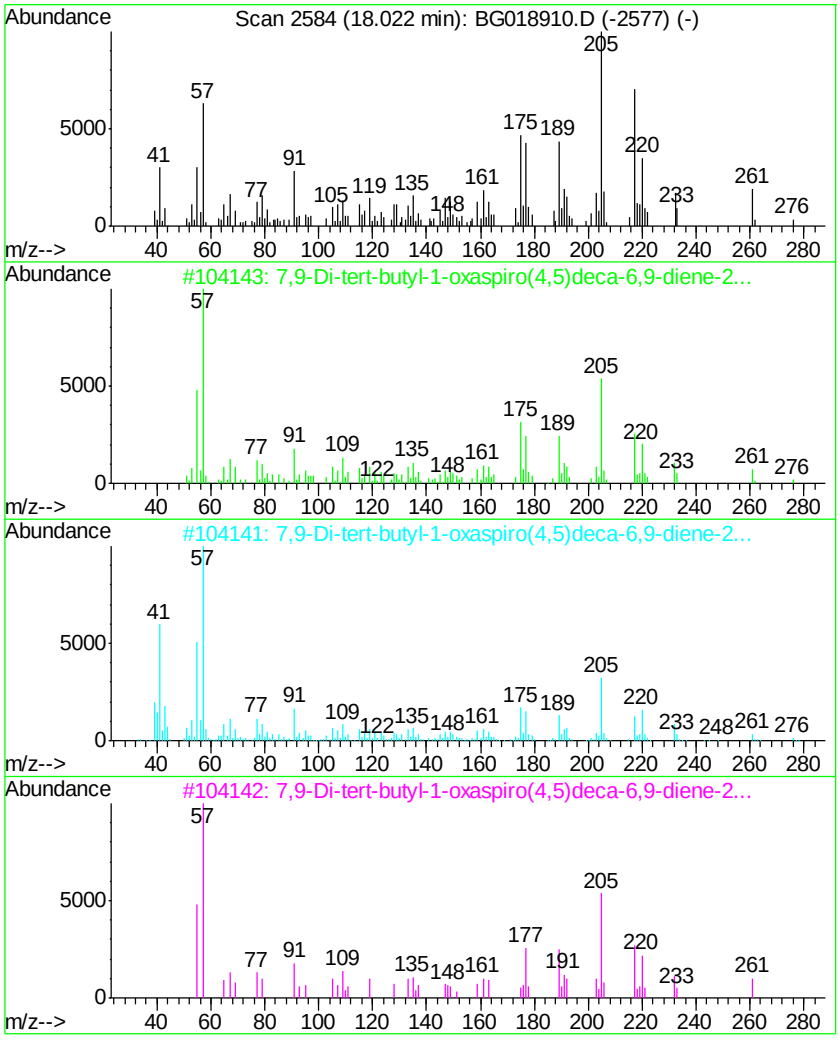
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

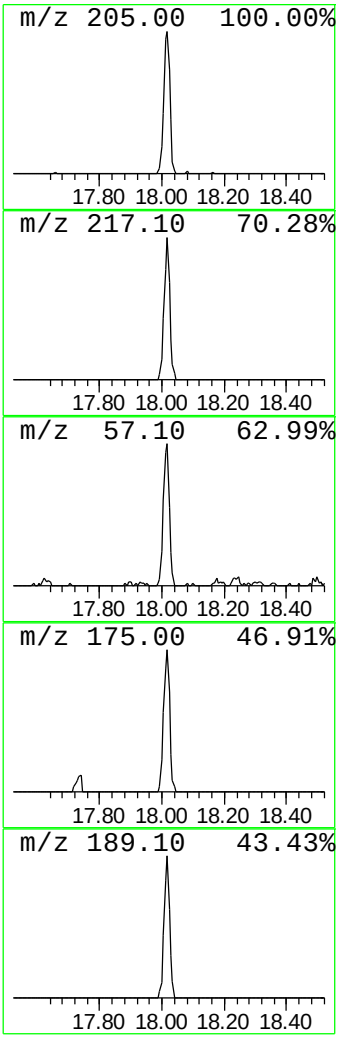
****

Peak Number 6 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	4.78 ng/ul	207846	Phenanthrene-d10	17.35

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	86
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	64
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	46
5	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018910.D
Acq On : 26 Sep 2015 13:23
Operator : UM/NP
Sample : G3800-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C03L8

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
Amylene Hydrate	2.88	2.2	ng/ul	27942	1	7.99	249317	20.0
Butane, 2-methoxy...	3.17	98.1	ng/ul	1222470	1	7.99	249317	20.0
1-Hexanol, 2-ethyl-	8.05	3.2	ng/ul	40444	1	7.99	249317	20.0
Mequinol	9.09	4.9	ng/ul	60958	1	7.99	249317	20.0
7,9-Di-tert-butyl...	18.02	4.8	ng/ul	207846	4	17.35	868965	20.0