LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018188.D
Acq On : 31 Jul 2015 19:50
Operator : TP/UM
Sample : G3107-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02N8

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-BG073115.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	3.700	169	172	175	rVB3	2434	3304	0.26%	0.029%
2	5.533	481	484	488	rBV4	2650	4027	0.32%	0.035%
3	5.574	488	491	495	rBV3	6232	7901	0.63%	0.069%
4	6.132	582	586	594	rVB2	14142	21627	1.73%	0.188%
5	6.626	666	670	674	rVV4	7399	12314	0.99%	0.107%
6	6.667	674	677	684	rVB2	33531	50941	4.08%	0.442%
7	6.820	696	703	710	rBV	105415	165918	13.28%	1.439%
8	7.014	730	736	744	rVB	122953	183720	14.70%	1.593%
9	7.478	809	815	821	rBV	118226	184857	14.79%	1.603%
10	7.548	821	827	835	rVV2	24089	41033	3.28%	0.356%
11	8.101	918	921	923	rBV2	1819	2353	0.19%	0.020%
12	8.200	930	938	945	rBV	103818	159415	12.76%	1.382%
13	8.300	951	955	962	rVB2	9947	14531	1.16%	0.126%
14	8.453	977	981	985	rBV3	5033	7157	0.57%	0.062%
15	8.576	996	1002	1007	rBV	122223	188617	15.09%	1.635%
16	8.635	1007	1012	1021	rVV	149574	242052	19.37%	2.099%
17	9.211	1105	1110	1117	rVB4	8746	15735	1.26%	0.136%
18	9.352	1128	1134	1142	rBV	141615	230394	18.43%	1.998%
19	9.534	1160	1165	1169	rBV3	2970	4084	0.33%	0.035%
20	9.775	1203	1206	1209	rVB3	2159	2472	0.20%	0.021%
21	9.893	1219	1226	1234	rBV	198506	311260	24.91%	2.699%
22	10.051	1247	1253	1259	rVB7	5850	10421	0.83%	0.090%
23	10.186	1271	1276	1280	rVB5	4764	8831	0.71%	0.077%
24	10.263	1282	1289	1296	rVV	184561	297488	23.80%	2.579%
25	10.321	1296	1299	1306	rVB4	5740	9684	0.77%	0.084%
26	10.410	1308	1314	1320	rBV	6410	10007	0.80%	0.087%
27	10.568	1336	1341	1345	rBV4	3068	4938	0.40%	0.043%
28	10.821	1381	1384	1387	rVB3	1831	2259	0.18%	0.020%
29	10.915	1394	1400	1405	rVB3	4903	9002	0.72%	0.078%
30	11.450	1484	1491	1495	rBV4	6287	10939	0.88%	0.095%
31	11.596	1513	1516	1518	rBV3	1693	2370	0.19%	0.021%
32	12.366	1646	1647	1653	rVV2	1333	2233	0.18%	0.019%
33	12.490	1663	1668	1674	rVV4	16129	27885	2.23%	0.242%
34	12.748	1707	1712	1719	rVV	29138	43446	3.48%	0.377%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018188.D
Acq On : 31 Jul 2015 19:50
Operator : TP/UM
Sample : G3107-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02N8

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-BG073115.M
Title : SVOA CALIBRATION

35	13.071	1760	1767	1774	rBV	77570	110938	8.88%	0.962%
36	13.482	1832	1837	1841	rBV4	7996	10761	0.86%	0.093%
37	13.571	1846	1852	1858	rBV	458035	597739	47.83%	5.183%
38	13.688	1870	1872	1876	rBV2	3062	3886	0.31%	0.034%
39	13.841	1890	1898	1904	rBV	450698	653025	52.25%	5.662%
40	14.023	1923	1929	1935	rBV2	10776	13628	1.09%	0.118%
41	14.152	1945	1951	1959	rBV2	311998	458859	36.72%	3.979%
42	14.240	1963	1966	1971	rVB4	2541	2843	0.23%	0.025%
43	14.387	1986	1991	1995	rBV2	38010	57190	4.58%	0.496%
44	14.763	2051	2055	2060	rVB2	9127	11708	0.94%	0.102%
45	14.910	2074	2080	2086	rVV3	7118	15397	1.23%	0.134%
46	14.975	2086	2091	2093	rVV2	9854	15591	1.25%	0.135%
47	14.992	2093	2094	2100	rVB	9366	8989	0.72%	0.078%
48	15.151	2115	2121	2128	rBV	606015	854194	68.35%	7.406%
49	15.286	2139	2144	2154	rBV	230846	317367	25.39%	2.752%
50	15.386	2158	2161	2167	rVB2	3372	5763	0.46%	0.050%
51	15.527	2179	2185	2190	rBV3	8047	11420	0.91%	0.099%
52	16.690	2379	2383	2386	rBV2	1954	2476	0.20%	0.021%
53	16.908	2414	2420	2426	rBV2	492409	642434	51.40%	5.570%
54	17.008	2431	2437	2443	rVV	765157	1021625	81.74%	8.858%
55	17.061	2443	2446	2449	rVB3	1664	2206	0.18%	0.019%
56	17.213	2467	2472	2476	rBV3	5585	7749	0.62%	0.067%
57	17.589	2531	2536	2541	rVV2	120205	150152	12.01%	1.302%
58	17.830	2574	2577	2579	rBV3	5968	5403	0.43%	0.047%
59	17.895	2584	2588	2590	rVV	5015	5794	0.46%	0.050%
60	18.576	2699	2704	2710	rBV5	2767	5744	0.46%	0.050%
61	19.088	2789	2791	2795	rBV4	2016	3425	0.27%	0.030%
62	19.129	2795	2798	2799	rBV2	2320	2354	0.19%	0.020%
63	19.205	2804	2811	2815	rBV2	7897	11941	0.96%	0.104%
64	19.317	2824	2830	2838	rVB2	957186	1249782	100.00%	10.836%
65	19.564	2868	2872	2876	rVB4	4672	7376	0.59%	0.064%
66	19.616	2878	2881	2885	rVV4	1676	2164	0.17%	0.019%
67	19.722	2894	2899	2900	rBV2	2096	2268	0.18%	0.020%
68	19.928	2933	2934	2937	rVB3	4716	3617	0.29%	0.031%
69	19.963	2937	2940	2943	rBV4	2840	4715	0.38%	0.041%
70	20.010	2946	2948	2949	rBV2	3002	2393	0.19%	0.021%
71	20.075	2957	2959	2962	rBV4	2888	2631	0.21%	0.023%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018188.D
Acq On : 31 Jul 2015 19:50
Operator : TP/UM
Sample : G3107-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02N8

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-BG073115.M
Title : SVOA CALIBRATION

72	20.180	2973	2977	2979	rVB5	1812	2366	0.19%	0.021%
73	20.222	2981	2984	2987	rBV3	2767	3844	0.31%	0.033%
74	20.251	2987	2989	2992	rVB4	2574	2805	0.22%	0.024%
75	20.339	3001	3004	3007	rVB5	8904	10046	0.80%	0.087%
76	20.521	3033	3035	3037	rBV3	3355	2452	0.20%	0.021%
77	20.686	3059	3063	3065	rBV5	7256	8476	0.68%	0.073%
78	20.803	3081	3083	3084	rBV2	3127	2396	0.19%	0.021%
79	20.909	3098	3101	3105	rBV5	8390	11005	0.88%	0.095%
80	21.044	3121	3124	3125	rBV3	3664	4360	0.35%	0.038%
81	21.115	3131	3136	3142	rBV	656115	802200	64.19%	6.956%
82	21.467	3194	3196	3197	rBV2	3975	2516	0.20%	0.022%
83	22.143	3308	3311	3320	rVB4	39213	60696	4.86%	0.526%
84	22.401	3353	3355	3356	rBV2	5687	4215	0.34%	0.037%
85	22.572	3382	3384	3388	rVB4	12855	13253	1.06%	0.115%
86	23.030	3460	3462	3466	rBV5	5778	7204	0.58%	0.062%
87	23.153	3475	3483	3489	rBV	629214	1165749	93.28%	10.108%
88	23.289	3499	3506	3513	rBV	396714	677766	54.23%	5.877%
89	23.635	3564	3565	3569	rBV4	5683	7386	0.59%	0.064%
90	23.817	3591	3596	3603	rBV9	20592	45072	3.61%	0.391%
91	23.906	3609	3611	3613	rBV3	7156	4679	0.37%	0.041%
92	24.211	3661	3663	3666	rBV4	5339	5756	0.46%	0.050%
93	24.552	3714	3721	3726	rBV8	20847	48353	3.87%	0.419%
94	25.045	3803	3805	3808	rBV4	6059	3514	0.28%	0.030%
95	25.369	3858	3860	3861	rBV2	7093	6263	0.50%	0.054%
96	25.392	3861	3864	3870	rVV8	16985	35355	2.83%	0.307%
97	25.451	3872	3874	3876	rVV3	6986	5459	0.44%	0.047%
98	25.486	3878	3880	3881	rVB2	5493	2237	0.18%	0.019%
99	27.889	4287	4289	4292	rBV4	5365	3760	0.30%	0.033%
100	28.312	4359	4361	4365	rBV5	5648	5322	0.43%	0.046%

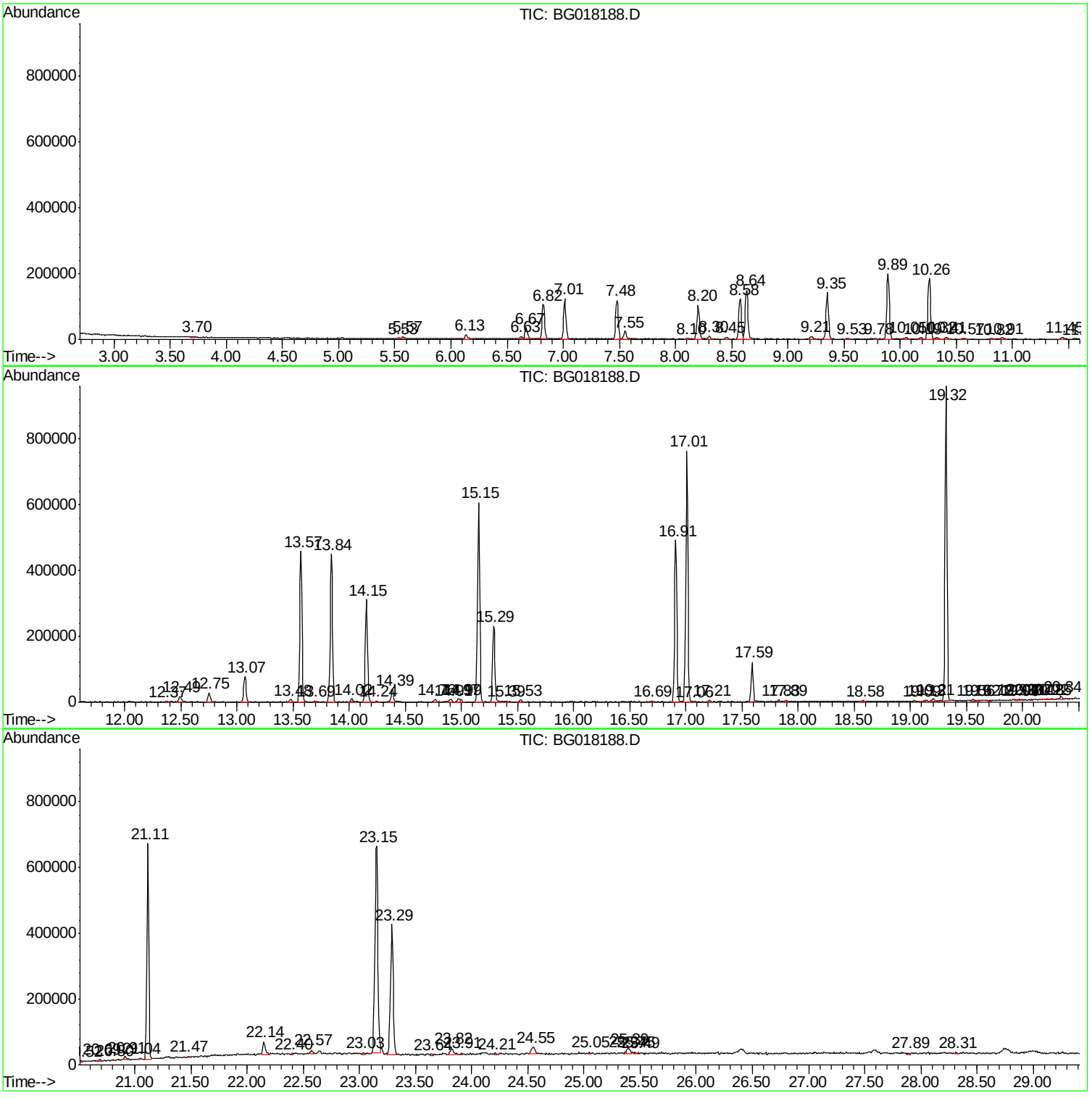
Sum of corrected areas: 11533267

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018188.D
Acq On : 31 Jul 2015 19:50
Operator : TP/UM
Sample : G3107-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02N8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018188.D
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Operator : TP/UM
Sample : G3107-01
Misc :
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

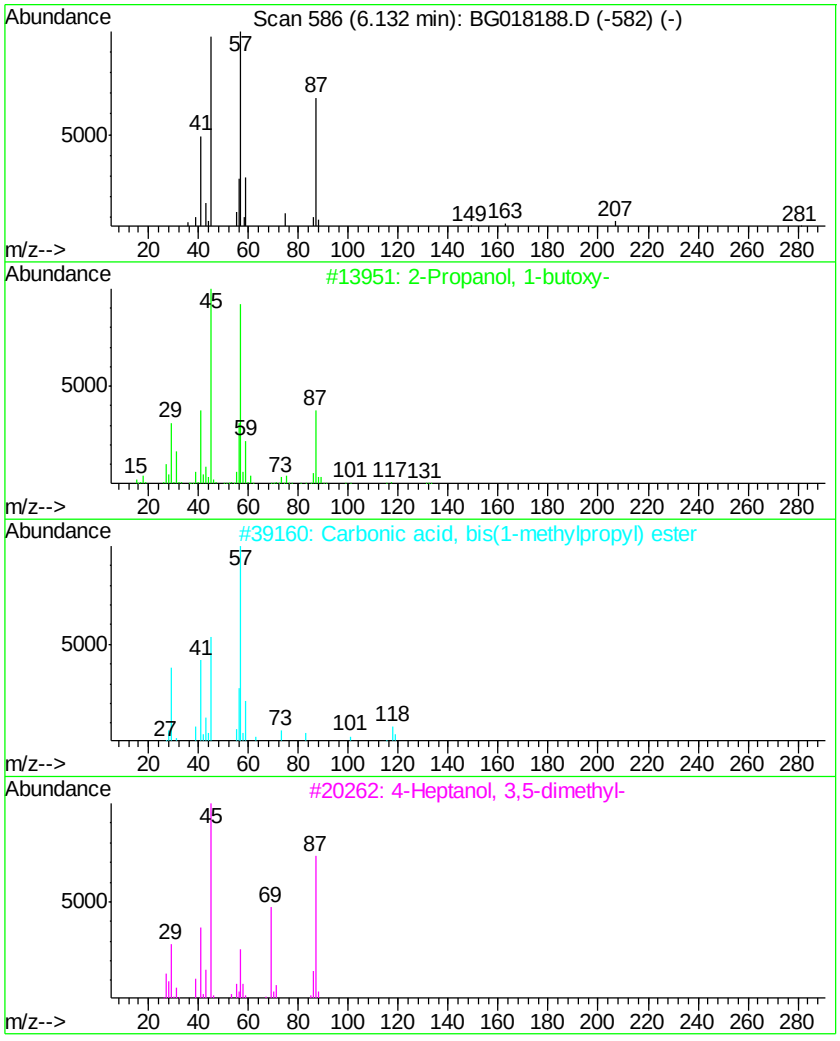
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

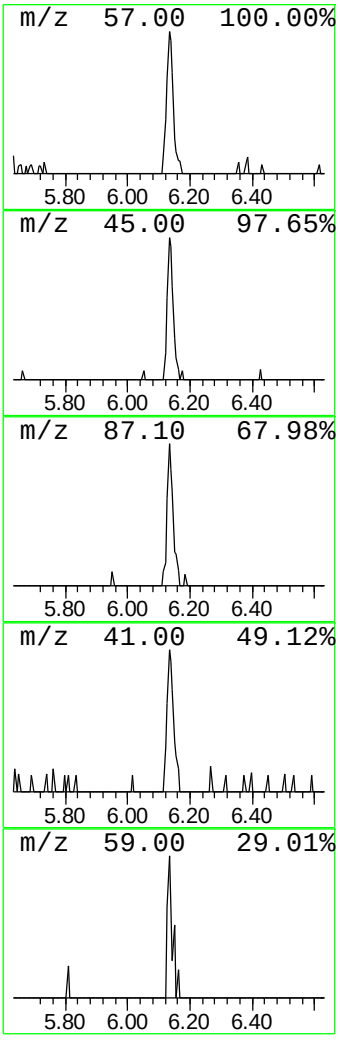
****

Peak Number 1 2-Propanol, 1-butoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	2.34 ng/ul	21627	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	64
2	Carbonic acid, bis(1-methylpropy...	174	C9H18O3	000623-63-2	35
3	4-Heptanol, 3,5-dimethyl-	144	C9H20O	019549-79-2	33
4	Morpholine	87	C4H9NO	000110-91-8	16
5	Acetaldehyde, O-ethyloxime-	87	C4H9NO	1000288-34-6	10





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018188.D
Acq On : 31 Jul 2015 19:50
Operator : TP/UM
Sample : G3107-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02N8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

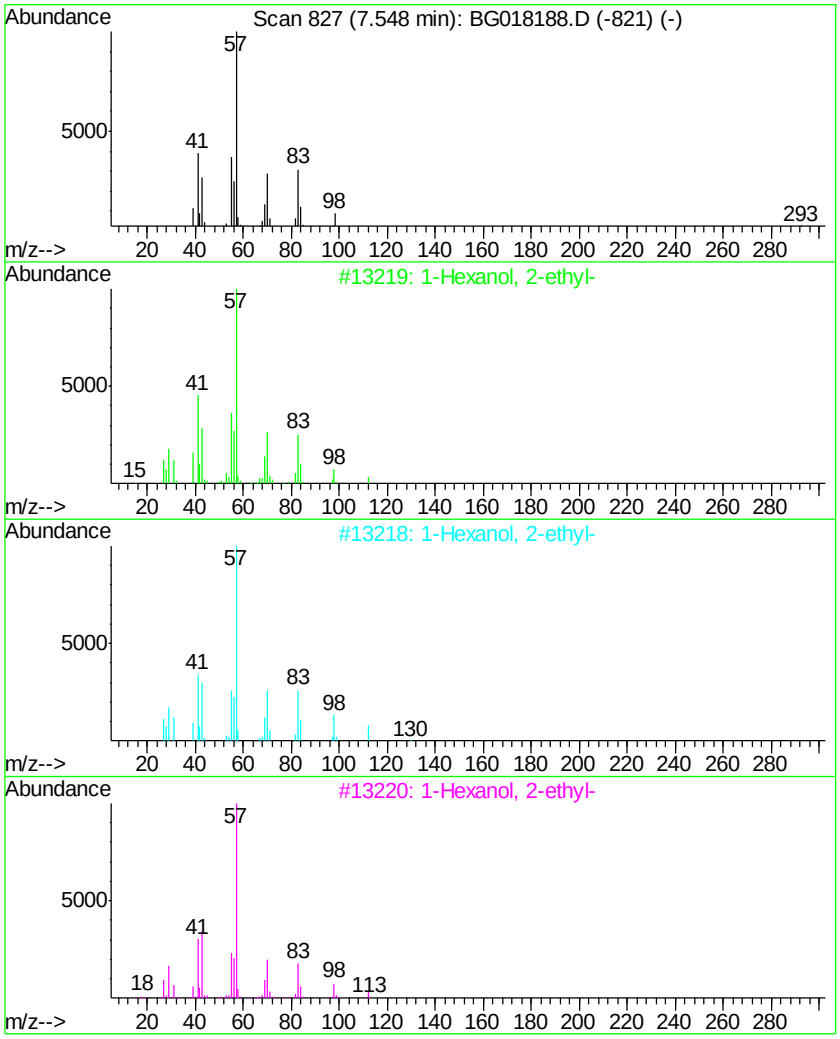
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

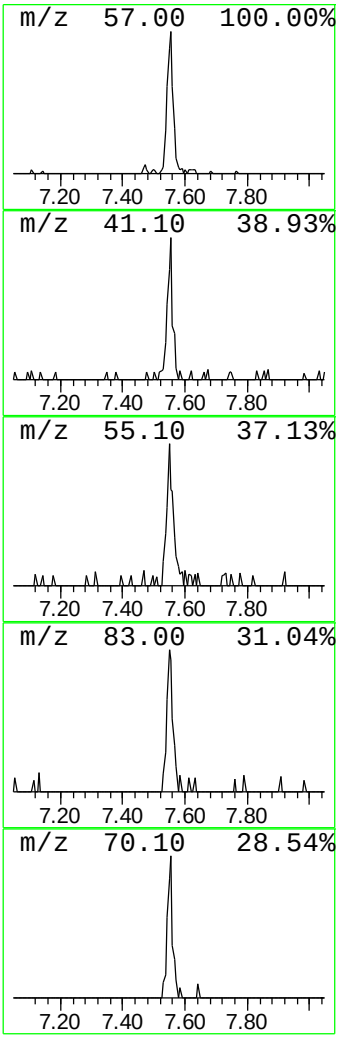
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	4.44 ng/ul	41033	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
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Operator : TP/UM
Sample : G3107-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02N8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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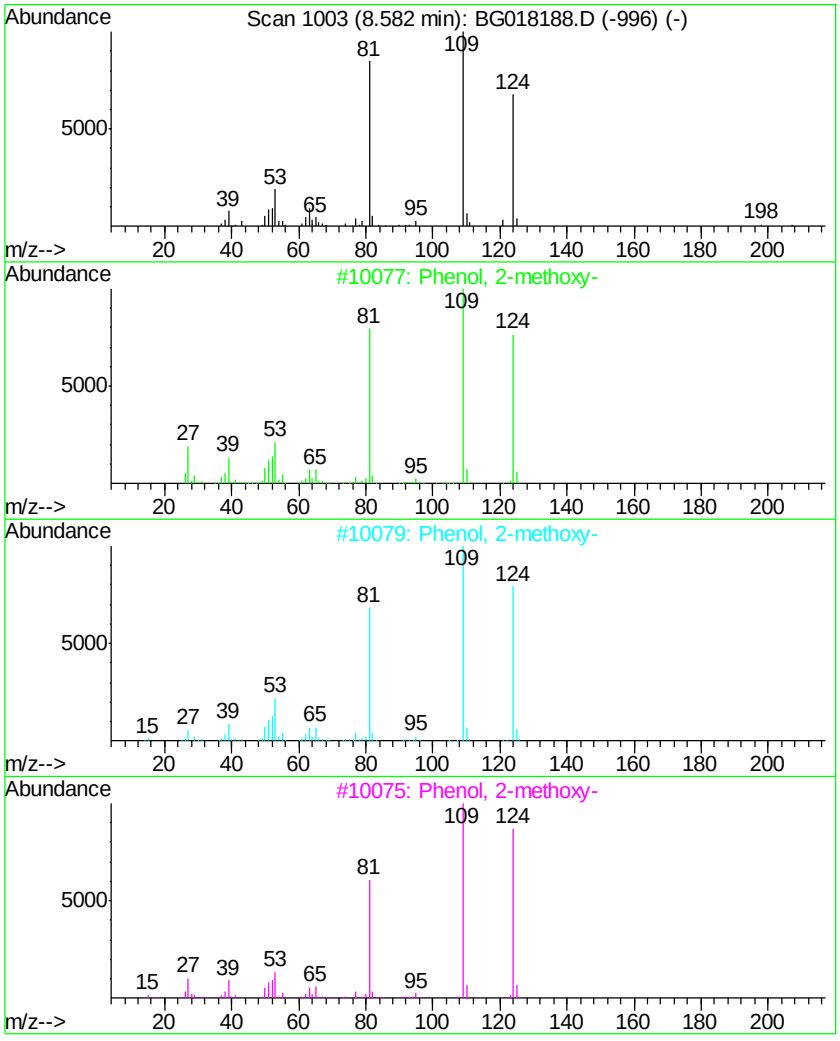
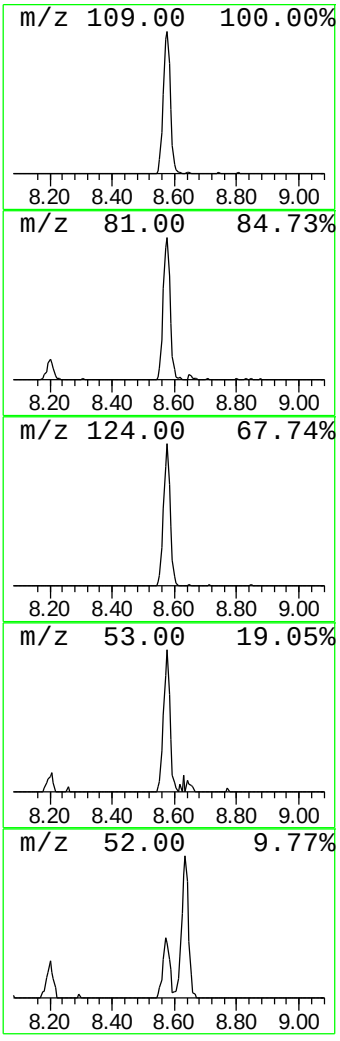
Peak Number 3 Phenol, 2-methoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	20.41 ng/ul	188617	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	97
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	94
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90
4	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	87
5	Mequinol	124	C7H8O2	000150-76-5	78





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018188.D
Acq On : 31 Jul 2015 19:50
Operator : TP/UM
Sample : G3107-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02N8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

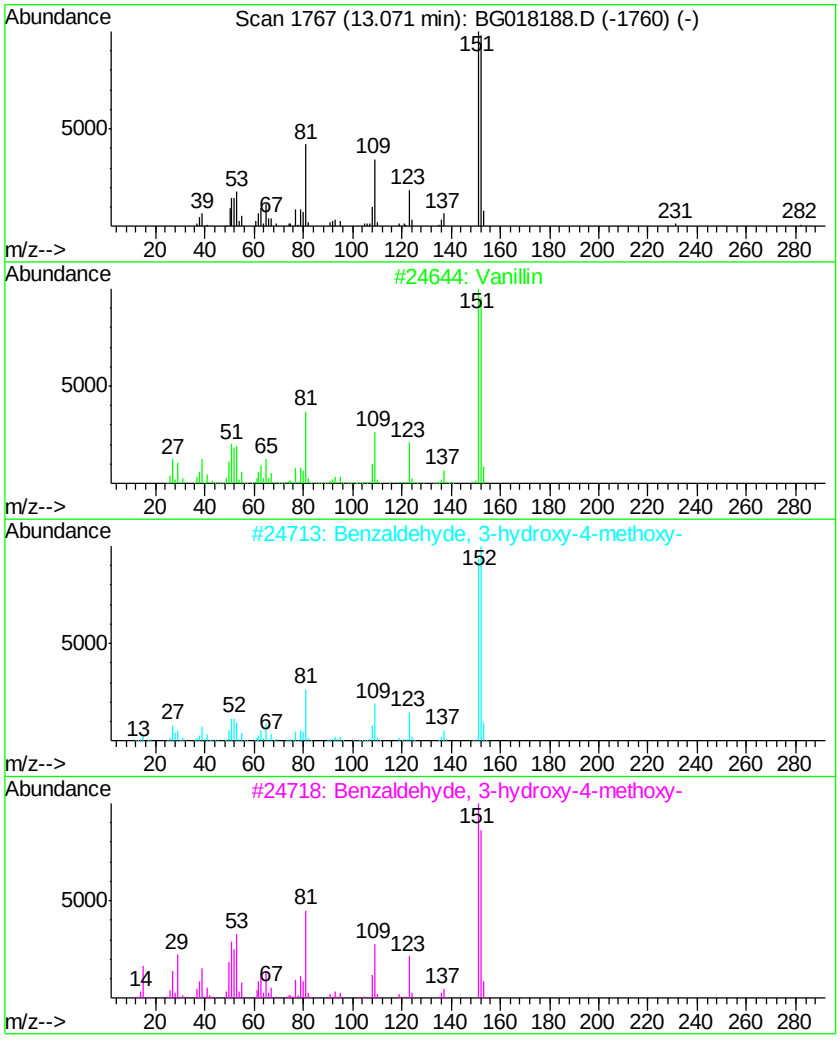
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

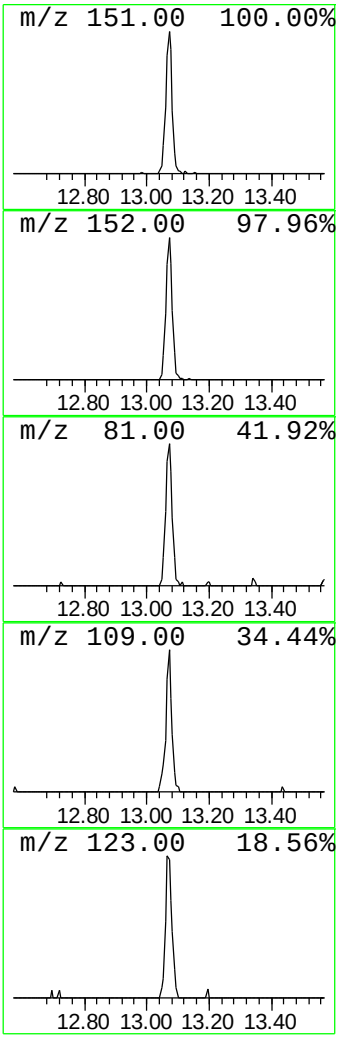
****

Peak Number 4 Vanillin Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	4.84 ng/ul	110938	Acenaphthene-d10	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	96
2	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	95
3	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	94
4	Vanillin	152	C8H8O3	000121-33-5	94
5	Vanillin	152	C8H8O3	000121-33-5	94





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018188.D
Acq On : 31 Jul 2015 19:50
Operator : TP/UM
Sample : G3107-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02N8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

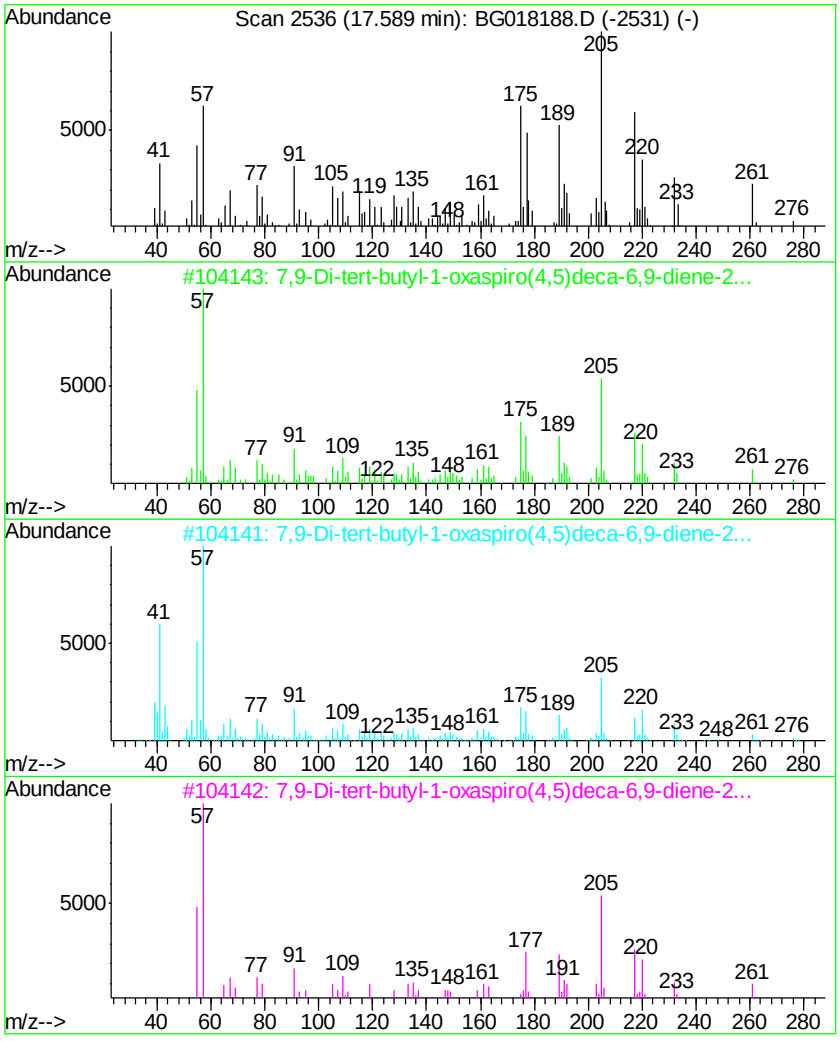
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

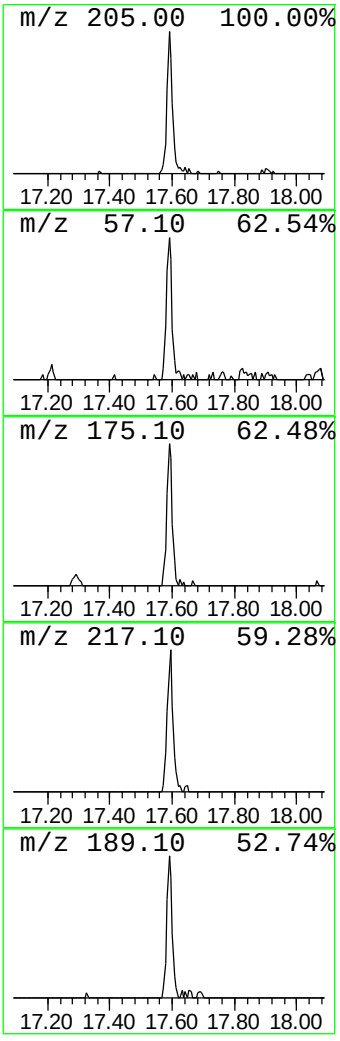
****

Peak Number 5 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.59	4.67 ng/ul	150152	Phenanthrene-d10	16.91

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	96
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	91
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	38
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\BG073115\
Data File : BG018188.D
Acq On : 31 Jul 2015 19:50
Operator : TP/UM
Sample : G3107-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02N8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.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
2-Propanol, 1-but...	6.13	2.3	ng/ul	21627	1	7.48	184857	20.0
1-Hexanol, 2-ethyl-	7.55	4.4	ng/ul	41033	1	7.48	184857	20.0
Phenol, 2-methoxy-	8.58	20.4	ng/ul	188617	1	7.48	184857	20.0
Vanillin	13.07	4.8	ng/ul	110938	3	14.15	458859	20.0
7,9-Di-tert-butyl...	17.59	4.7	ng/ul	150152	4	16.91	642434	20.0