LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070215\
Data File : BM001822.D
Acq On : 02 Jul 2015 16:56
Operator : TP/UM
Sample : G2868-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01M4

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_M\METHODS\SOM02.2-EPA-BM061515.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	2.728	4	7	13	rVV2	1535	2569	0.18%	0.016%
2	2.811	16	21	28	rVV	53593	77340	5.37%	0.494%
3	2.881	28	33	49	rVB	606696	698960	48.53%	4.463%
4	3.140	75	77	82	rBV2	3373	3514	0.24%	0.022%
5	4.228	260	262	267	rVB2	1436	1649	0.11%	0.011%
6	5.210	426	429	433	rBB	3635	4035	0.28%	0.026%
7	5.746	517	520	524	rBB	1987	2484	0.17%	0.016%
8	6.304	611	615	620	rBB	31326	42188	2.93%	0.269%
9	6.822	698	703	711	rBB	50041	80430	5.58%	0.514%
10	6.998	727	733	741	rBB	186593	276408	19.19%	1.765%
11	7.187	760	765	773	rBB	204911	318421	22.11%	2.033%
12	7.663	838	846	851	rBV	233326	371566	25.80%	2.372%
13	7.716	851	855	862	rVB	26450	36785	2.55%	0.235%
14	7.810	868	871	875	rBB2	2891	3433	0.24%	0.022%
15	7.881	880	883	886	rBV	1626	2360	0.16%	0.015%
16	8.193	933	936	939	rBB2	1530	1811	0.13%	0.012%
17	8.275	947	950	953	rBV3	2970	3754	0.26%	0.024%
18	8.316	955	957	959	rVV2	1557	1771	0.12%	0.011%
19	8.363	959	965	973	rVB	158742	243597	16.91%	1.555%
20	8.440	973	978	982	rBV	5155	9339	0.65%	0.060%
21	8.481	982	985	992	rVB2	13295	21294	1.48%	0.136%
22	8.751	1025	1031	1037	rBV	228373	359927	24.99%	2.298%
23	8.822	1037	1043	1058	rVB	237648	391414	27.17%	2.499%
24	8.981	1065	1070	1073	rBV3	2715	4012	0.28%	0.026%
25	9.216	1107	1110	1114	rBB2	1817	2300	0.16%	0.015%
26	9.540	1158	1165	1174	rBB	198904	341989	23.74%	2.183%
27	9.675	1184	1188	1191	rBB2	2243	3053	0.21%	0.019%
28	10.069	1248	1255	1265	rBV	313097	497999	34.57%	3.180%
29	10.234	1278	1283	1288	rBV2	22816	34636	2.40%	0.221%
30	10.363	1301	1305	1309	rBB3	8037	12707	0.88%	0.081%
31	10.451	1313	1320	1326	rBV	310269	521342	36.20%	3.329%
32	10.504	1326	1329	1333	rVB2	15548	21966	1.53%	0.140%
33	10.751	1368	1371	1376	rVB2	7222	9173	0.64%	0.059%
34	10.839	1382	1386	1390	rBV	1164	1684	0.12%	0.011%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070215\
Data File : BM001822.D
Acq On : 02 Jul 2015 16:56
Operator : TP/UM
Sample : G2868-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01M4

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_M\METHODS\SOM02.2-EPA-BM061515.M
Title : SVOA CALIBRATION

35	10.975	1407	1409	1416	rBV2	1183	2216	0.15%	0.014%
36	11.034	1416	1419	1423	rVB	1234	1847	0.13%	0.012%
37	11.098	1426	1430	1437	rBB2	5816	9197	0.64%	0.059%
38	11.251	1448	1456	1458	rBV2	2184	3656	0.25%	0.023%
39	11.622	1513	1519	1524	rBV	3812	6594	0.46%	0.042%
40	11.710	1528	1534	1539	rBV2	4158	6663	0.46%	0.043%
41	11.775	1539	1545	1551	rVB	23606	35783	2.48%	0.228%
42	12.575	1678	1681	1686	rBV2	1937	2865	0.20%	0.018%
43	12.657	1691	1695	1703	rVB2	24081	38001	2.64%	0.243%
44	12.769	1708	1714	1717	rVB2	1366	1695	0.12%	0.011%
45	12.916	1734	1739	1744	rBV	41681	61366	4.26%	0.392%
46	13.098	1767	1770	1775	rVB2	2214	2668	0.19%	0.017%
47	13.227	1785	1792	1798	rBV2	7128	11656	0.81%	0.074%
48	13.727	1871	1877	1883	rBV	518016	697944	48.46%	4.456%
49	13.775	1883	1885	1890	rVB2	2295	2099	0.15%	0.013%
50	13.839	1893	1896	1901	rVB	4041	4543	0.32%	0.029%
51	14.004	1918	1924	1931	rBV	615877	915040	63.53%	5.842%
52	14.175	1949	1953	1957	rBV	5269	7318	0.51%	0.047%
53	14.316	1970	1977	1984	rVB2	482672	703973	48.87%	4.495%
54	14.398	1988	1991	1996	rBV2	2204	2128	0.15%	0.014%
55	14.516	2005	2011	2017	rVB	37800	51665	3.59%	0.330%
56	14.580	2017	2022	2024	rBV2	1080	1453	0.10%	0.009%
57	14.910	2073	2078	2082	rBV2	2929	4076	0.28%	0.026%
58	14.992	2088	2092	2097	rBV2	4547	6290	0.44%	0.040%
59	15.116	2108	2113	2115	rBV	10988	13607	0.94%	0.087%
60	15.139	2115	2117	2121	rVB2	10663	11671	0.81%	0.075%
61	15.310	2140	2146	2156	rVB	817979	1125854	78.17%	7.188%
62	15.427	2161	2166	2174	rVB	226198	303961	21.10%	1.941%
63	15.545	2184	2186	2189	rVB	1552	1591	0.11%	0.010%
64	15.680	2205	2209	2214	rBV	17091	23376	1.62%	0.149%
65	16.851	2404	2408	2411	rBV2	1411	2139	0.15%	0.014%
66	17.063	2438	2444	2450	rBV	634118	853042	59.22%	5.446%
67	17.157	2454	2460	2469	rBV2	854195	1210320	84.03%	7.727%
68	17.351	2489	2493	2496	rVB	3308	3967	0.28%	0.025%
69	17.586	2529	2533	2539	rVB2	2537	3570	0.25%	0.023%
70	17.727	2553	2557	2562	rBV	97189	104950	7.29%	0.670%
71	17.951	2592	2595	2599	rVB2	4332	4542	0.32%	0.029%

LSC Area Percent Report

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Data File : BM001822.D
Acq On : 02 Jul 2015 16:56
Operator : TP/UM
Sample : G2868-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01M4

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_M\METHODS\SOM02.2-EPA-BM061515.M
Title : SVOA CALIBRATION

72	18.033	2604	2609	2612	rVB	3025	4015	0.28%	0.026%
73	18.162	2629	2631	2637	rBV2	1786	2706	0.19%	0.017%
74	19.351	2829	2833	2838	rVB2	5090	6668	0.46%	0.043%
75	19.462	2846	2852	2860	rVV	1032631	1409514	97.86%	8.999%
76	19.998	2941	2943	2948	rBV2	1121	1478	0.10%	0.009%
77	20.262	2986	2988	2990	rBV2	1601	1484	0.10%	0.009%
78	20.398	3007	3011	3013	rBV3	1575	1815	0.13%	0.012%
79	20.586	3040	3043	3045	rBV2	1817	2109	0.15%	0.013%
80	20.656	3053	3055	3057	rBV3	1867	1619	0.11%	0.010%
81	20.939	3102	3103	3106	rBV3	2472	2698	0.19%	0.017%
82	21.051	3119	3122	3126	rVB2	7487	6794	0.47%	0.043%
83	21.168	3140	3142	3145	rBV3	1604	2069	0.14%	0.013%
84	21.251	3151	3156	3164	rBV	840779	1064136	73.88%	6.794%
85	21.427	3183	3186	3187	rBV3	2549	2707	0.19%	0.017%
86	21.533	3200	3204	3205	rBV3	2217	2384	0.17%	0.015%
87	23.339	3503	3511	3523	rVB2	786861	1440355	100.00%	9.196%
88	23.480	3527	3535	3544	rVB	571127	1060930	73.66%	6.774%

Sum of corrected areas: 15662717

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Sample : G2868-02
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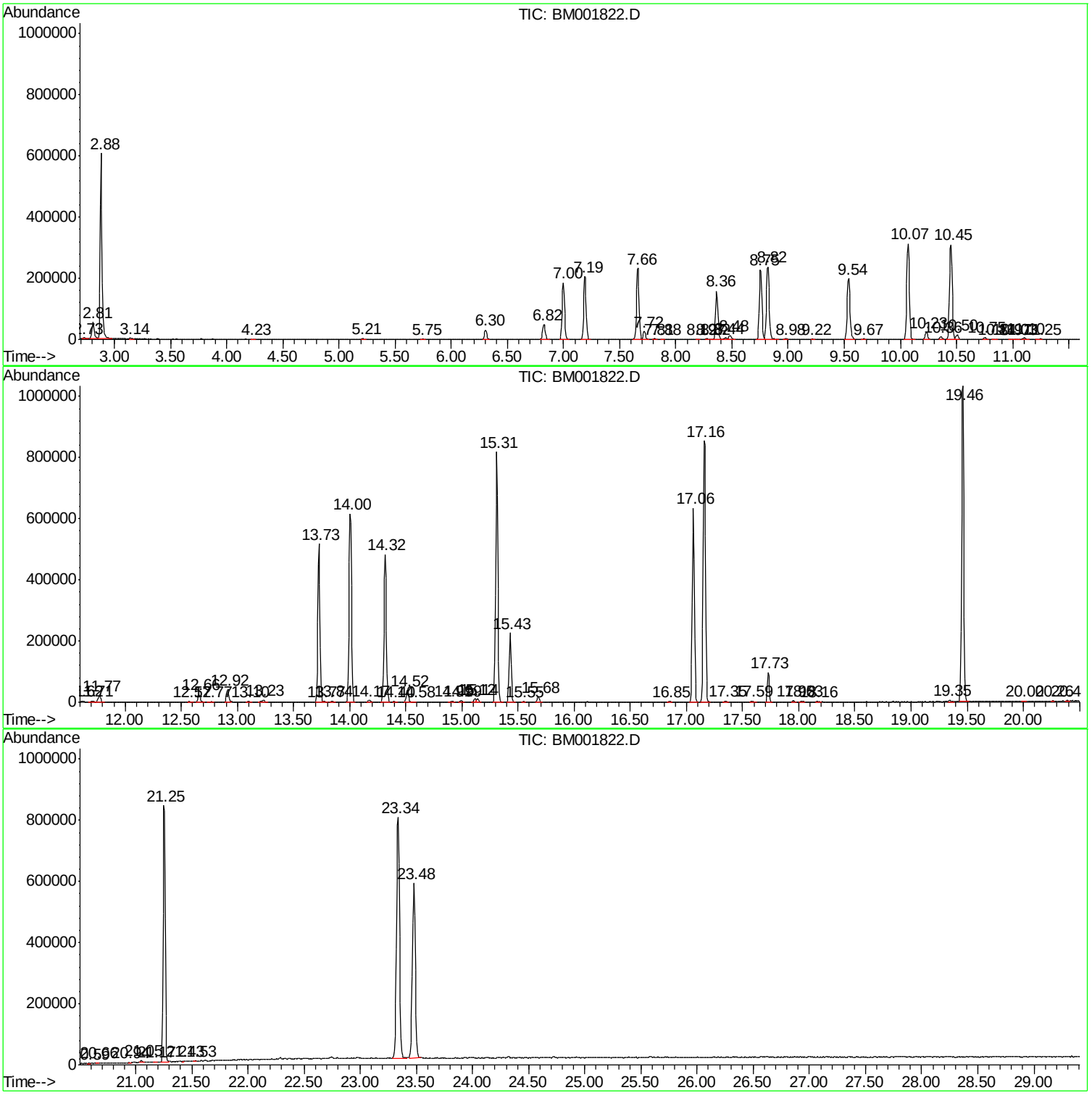
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070215\
Data File : BM001822.D
Acq On : 02 Jul 2015 16:56
Operator : TP/UM
Sample : G2868-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

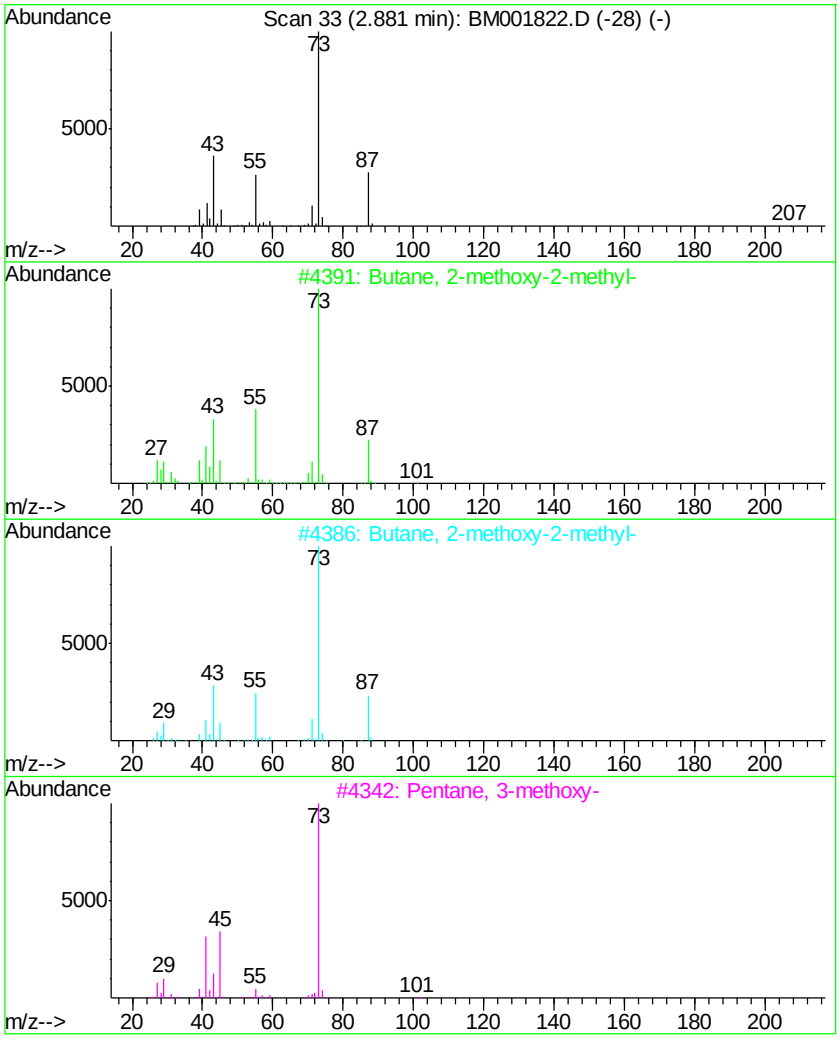
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

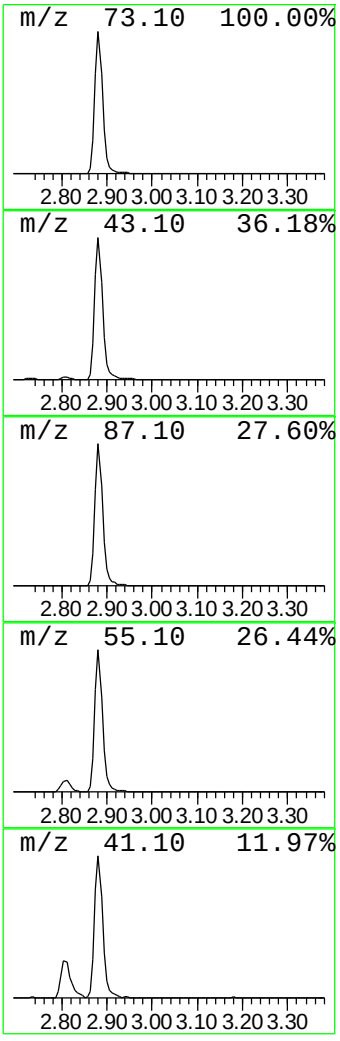
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	37.62 ng/ul	698960	1,4-Dichlorobenzene-d4	7.66

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

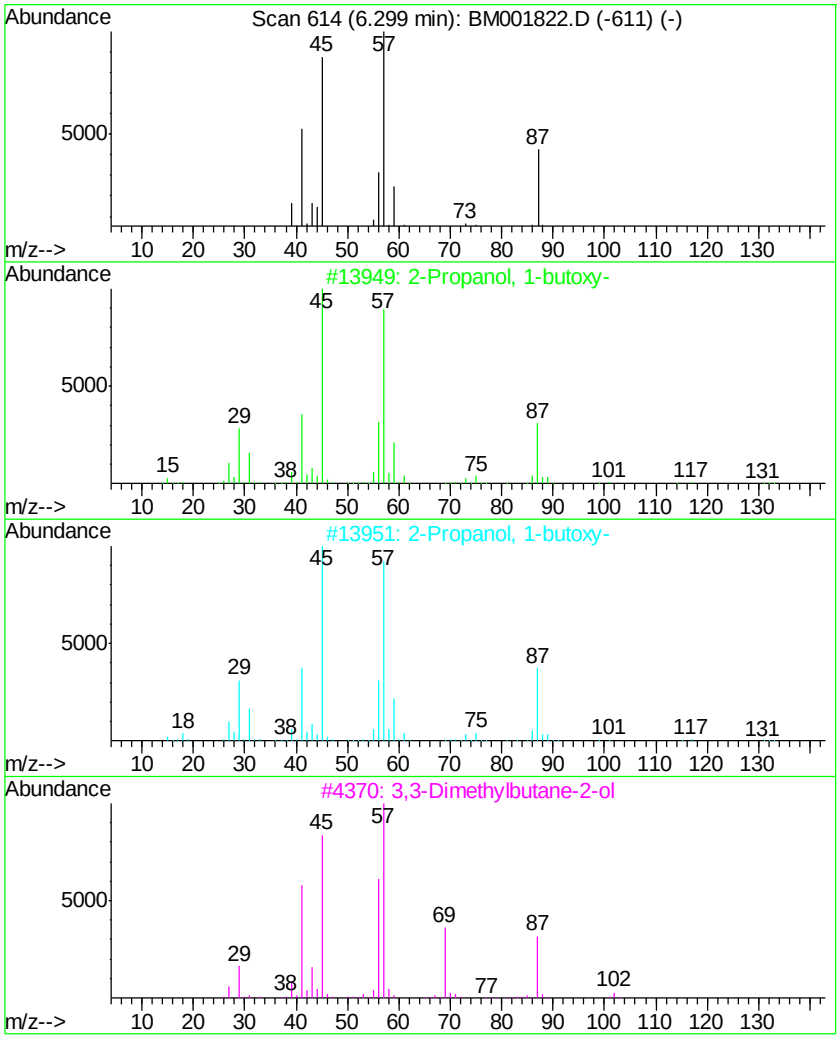
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

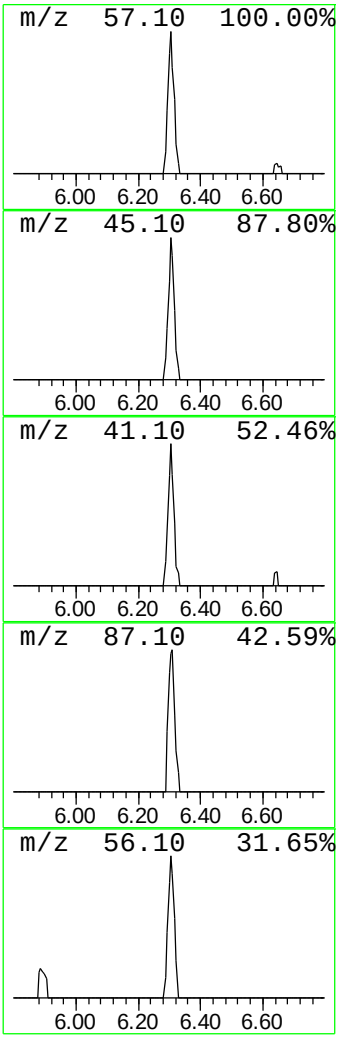
****

Peak Number 3 2-Propanol, 1-butoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	2.27 ng/ul	42188	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	83
2	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	83
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	36
4	Formic acid, 1-methylpropyl ester	102	C5H10O2	000589-40-2	36
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	36





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070215\
Data File : BM001822.D
Acq On : 02 Jul 2015 16:56
Operator : TP/UM
Sample : G2868-02
Misc :
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Instrument : BNA_M
ClientSampleId : C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

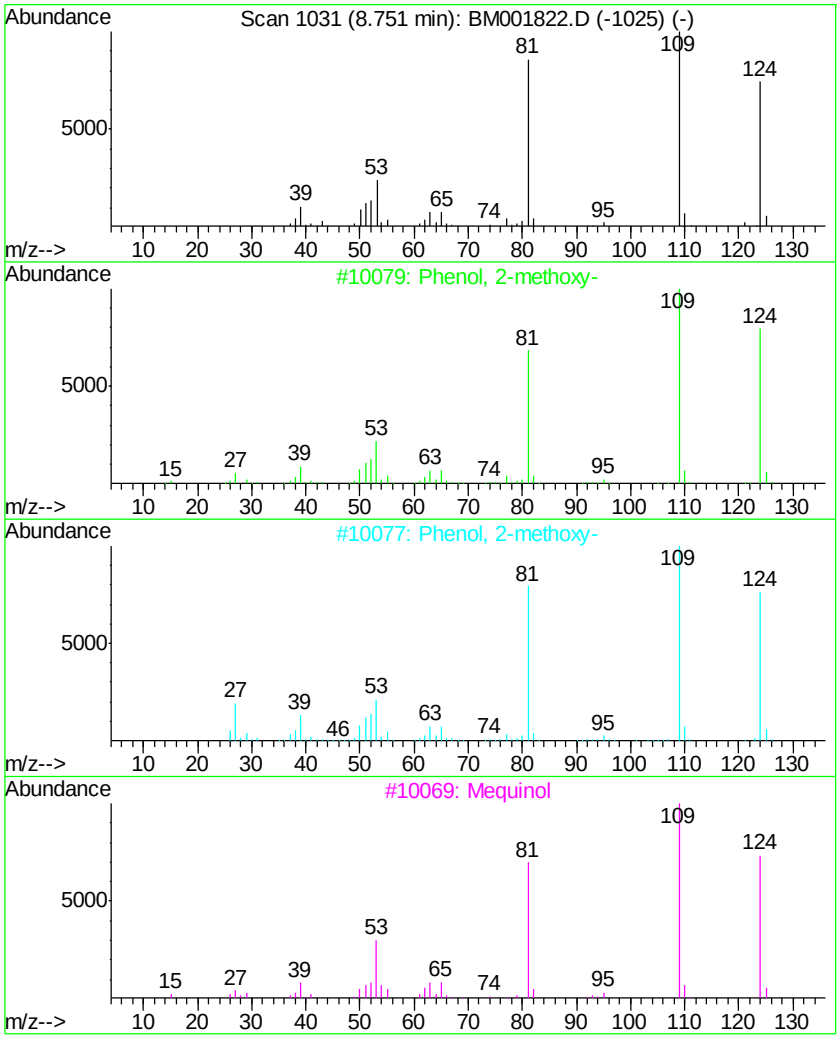
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

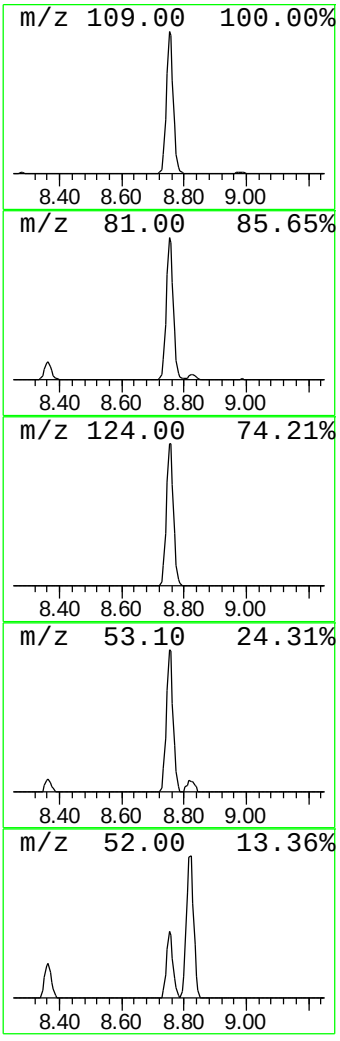
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	19.37 ng/ul	359927	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	96
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	94
3	Mequinol	124	C7H8O2	000150-76-5	91
4	Mequinol	124	C7H8O2	000150-76-5	90
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

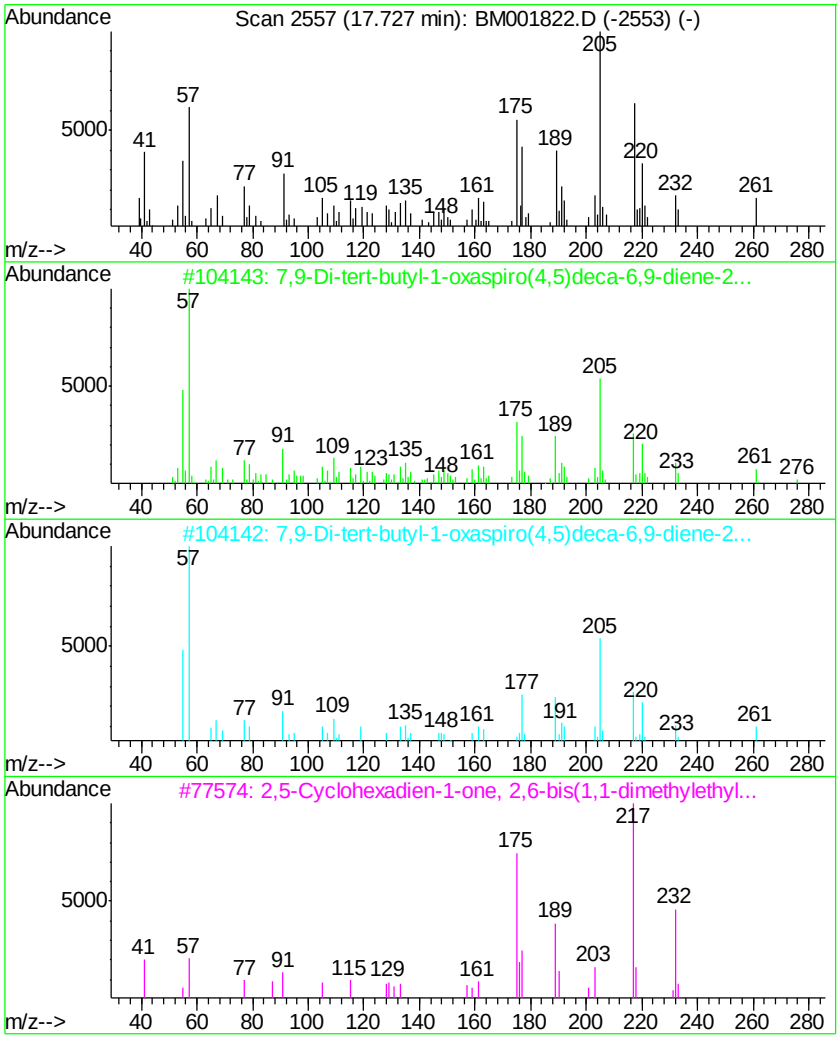
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

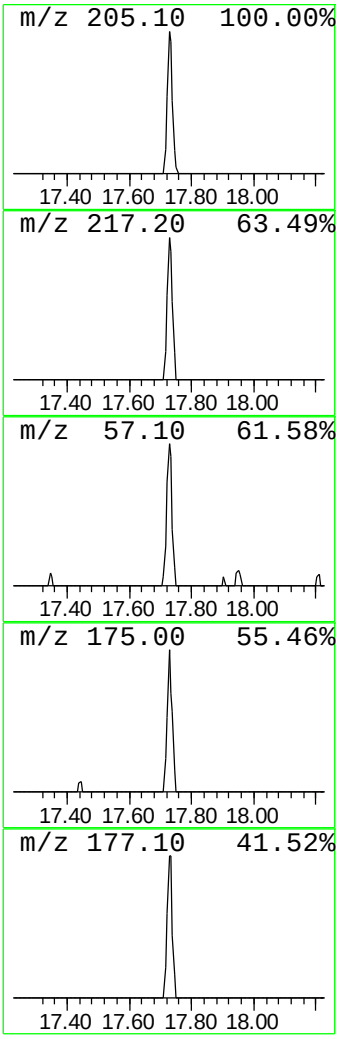
****

Peak Number 5 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	2.46 ng/ul	104950	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	91
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	81
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	80
4	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	64
5	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070215\
Data File : BM001822.D
Acq On : 02 Jul 2015 16:56
Operator : TP/UM
Sample : G2868-02
Misc :
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Instrument : BNA_M
ClientSampleId : C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.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...	2.88	37.6	ng/ul	698960	1	7.66	371566	20.0
2-Propanol, 1-but...	6.30	2.3	ng/ul	42188	1	7.66	371566	20.0
Phenol, 2-methoxy-	8.75	19.4	ng/ul	359927	1	7.66	371566	20.0
7,9-Di-tert-butyl...	17.73	2.5	ng/ul	104950	4	17.06	853042	20.0