LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018522.D
Acq On : 28 Aug 2015 20:59
Operator : UM/MA
Sample : G3448-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE6

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-BG080915.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	3.107	42	46	54	rBV	65055	102320	6.07%	0.612%
2	3.183	54	59	75	rVB	748675	978137	58.01%	5.851%
3	3.442	101	103	108	rBV5	3533	6267	0.37%	0.037%
4	3.782	159	161	166	rVB4	6638	8527	0.51%	0.051%
5	3.906	177	182	190	rVB	50243	69594	4.13%	0.416%
6	4.059	204	208	210	rBV2	2719	3477	0.21%	0.021%
7	4.200	229	232	235	rBV4	2887	3524	0.21%	0.021%
8	4.511	279	285	290	rBV	62240	92606	5.49%	0.554%
9	4.646	302	308	317	rBV	34312	73040	4.33%	0.437%
10	5.110	381	387	394	rBV	37211	56153	3.33%	0.336%
11	5.410	434	438	441	rVB4	2393	3545	0.21%	0.021%
12	5.768	496	499	502	rBV3	2757	2973	0.18%	0.018%
13	6.221	572	576	579	rBV6	2394	2987	0.18%	0.018%
14	6.274	581	585	587	rBV4	2310	2778	0.16%	0.017%
15	6.509	620	625	629	rBV4	8636	12367	0.73%	0.074%
16	6.855	681	684	687	rBV4	2040	2819	0.17%	0.017%
17	6.996	703	708	719	rBV5	5923	13846	0.82%	0.083%
18	7.155	729	735	747	rBV2	140798	309319	18.34%	1.850%
19	7.237	747	749	754	rVB5	5067	6738	0.40%	0.040%
20	7.331	759	765	775	rVB	200079	313399	18.59%	1.875%
21	7.543	793	801	812	rVV	191076	329215	19.52%	1.969%
22	7.831	845	850	853	rBV6	2900	4551	0.27%	0.027%
23	8.013	874	881	888	rBV	195191	336475	19.95%	2.013%
24	8.071	888	891	894	rBV4	7559	8586	0.51%	0.051%
25	8.236	916	919	924	rVB5	2227	3814	0.23%	0.023%
26	8.547	967	972	975	rVB4	2767	3285	0.19%	0.020%
27	8.571	975	976	979	rBV2	2964	3548	0.21%	0.021%
28	8.706	991	999	1008	rBV	165883	287684	17.06%	1.721%
29	8.829	1014	1020	1024	rVV6	5274	10371	0.62%	0.062%
30	9.106	1057	1067	1071	rBV4	10545	20678	1.23%	0.124%
31	9.164	1071	1077	1085	rBV	217355	387097	22.96%	2.315%
32	9.599	1147	1151	1158	rBV2	24048	47153	2.80%	0.282%
33	9.887	1192	1200	1209	rBV	166951	304425	18.05%	1.821%
34	10.005	1218	1220	1223	rBV3	2587	2770	0.16%	0.017%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018522.D
Acq On : 28 Aug 2015 20:59
Operator : UM/MA
Sample : G3448-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE6

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-BG080915.M
Title : SVOA CALIBRATION

35	10.116	1235	1239	1244	rBV5	5110	6822	0.40%	0.041%
36	10.428	1284	1292	1303	rBV	310792	553884	32.85%	3.313%
37	10.710	1335	1340	1347	rBV6	7452	13933	0.83%	0.083%
38	10.815	1350	1358	1366	rBV	297620	536452	31.81%	3.209%
39	11.174	1416	1419	1420	rBV2	3028	2827	0.17%	0.017%
40	11.603	1484	1492	1493	rBV3	7377	13254	0.79%	0.079%
41	11.832	1528	1531	1533	rBV3	3459	4472	0.27%	0.027%
42	12.084	1567	1574	1587	rBV4	61122	171298	10.16%	1.025%
43	12.220	1595	1597	1602	rVB6	2299	3101	0.18%	0.019%
44	12.449	1634	1636	1637	rBV2	5058	3709	0.22%	0.022%
45	12.566	1652	1656	1662	rVB4	10267	14594	0.87%	0.087%
46	12.684	1672	1676	1678	rVB3	4011	4988	0.30%	0.030%
47	12.719	1678	1682	1685	rBV2	2164	3723	0.22%	0.022%
48	12.907	1712	1714	1717	rBV2	2666	3974	0.24%	0.024%
49	13.248	1770	1772	1776	rBV4	2552	3311	0.20%	0.020%
50	13.389	1792	1796	1797	rBV3	2914	3636	0.22%	0.022%
51	13.547	1817	1823	1828	rBV3	21121	38610	2.29%	0.231%
52	13.600	1828	1832	1847	rVB2	42595	94460	5.60%	0.565%
53	13.829	1868	1871	1873	rBV4	2362	3206	0.19%	0.019%
54	14.035	1900	1906	1919	rVV	623026	911556	54.06%	5.452%
55	14.158	1925	1927	1931	rVB3	2304	3367	0.20%	0.020%
56	14.329	1950	1956	1964	rBV	302075	476531	28.26%	2.850%
57	14.634	2001	2008	2015	rBV2	424856	696601	41.31%	4.167%
58	14.711	2017	2021	2024	rBV3	11156	13858	0.82%	0.083%
59	14.822	2033	2040	2049	rBV2	56650	106248	6.30%	0.636%
60	15.016	2068	2073	2081	rBV7	10884	16543	0.98%	0.099%
61	15.304	2117	2122	2128	rVB4	12500	19496	1.16%	0.117%
62	15.369	2128	2133	2136	rBV	8510	13443	0.80%	0.080%
63	15.433	2140	2144	2146	rBV3	4485	5415	0.32%	0.032%
64	15.627	2170	2177	2184	rBV	995217	1497686	88.82%	8.958%
65	15.739	2189	2196	2207	rBV	237186	362721	21.51%	2.170%
66	15.862	2214	2217	2222	rVB5	7073	11292	0.67%	0.068%
67	15.986	2234	2238	2242	rBV4	8427	9341	0.55%	0.056%
68	16.256	2281	2284	2285	rBV3	3632	3655	0.22%	0.022%
69	16.397	2304	2308	2310	rBV2	3429	4935	0.29%	0.030%
70	16.732	2363	2365	2369	rVB5	2771	3231	0.19%	0.019%
71	16.802	2374	2377	2380	rBV3	2804	2977	0.18%	0.018%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018522.D
Acq On : 28 Aug 2015 20:59
Operator : UM/MA
Sample : G3448-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE6

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-BG080915.M
Title : SVOA CALIBRATION

72	16.867	2386	2388	2397	rVB4	4489	7882	0.47%	0.047%
73	16.943	2397	2401	2403	rBV3	2684	3844	0.23%	0.023%
74	17.061	2418	2421	2423	rBV2	4342	4701	0.28%	0.028%
75	17.167	2435	2439	2444	rVB2	4752	7827	0.46%	0.047%
76	17.296	2459	2461	2464	rBV3	2221	2721	0.16%	0.016%
77	17.378	2468	2475	2481	rVV2	862599	1257570	74.58%	7.522%
78	17.478	2485	2492	2499	rBV2	1107280	1686297	100.00%	10.086%
79	17.942	2569	2571	2574	rBV2	3338	3108	0.18%	0.019%
80	18.042	2582	2588	2589	rBV5	5352	7537	0.45%	0.045%
81	18.336	2634	2638	2642	rBV	6791	8864	0.53%	0.053%
82	18.483	2659	2663	2665	rBV4	2754	3386	0.20%	0.020%
83	18.876	2725	2730	2731	rBV5	3466	4712	0.28%	0.028%
84	19.064	2759	2762	2765	rBV3	4026	6166	0.37%	0.037%
85	19.329	2805	2807	2809	rBV2	3530	3972	0.24%	0.024%
86	19.652	2857	2862	2864	rBV3	8578	11230	0.67%	0.067%
87	19.687	2864	2868	2872	rVB7	3995	7000	0.42%	0.042%
88	19.764	2874	2881	2892	rBV2	805465	1262842	74.89%	7.554%
89	20.016	2921	2924	2926	rBV4	3469	2897	0.17%	0.017%
90	20.263	2962	2966	2967	rBV4	2752	3452	0.20%	0.021%
91	20.363	2981	2983	2986	rVB4	4046	4093	0.24%	0.024%
92	20.768	3049	3052	3054	rBV4	3692	4698	0.28%	0.028%
93	21.638	3193	3200	3210	rBV	889386	1417383	84.05%	8.478%
94	22.831	3401	3403	3406	rVB4	5281	4814	0.29%	0.029%
95	23.483	3512	3514	3518	rBV4	3704	3840	0.23%	0.023%
96	24.611	3696	3706	3718	rBV3	341045	986109	58.48%	5.898%
97	24.834	3735	3744	3759	rVB5	151762	537134	31.85%	3.213%
98	25.669	3884	3886	3888	rBV3	4153	3412	0.20%	0.020%
99	29.852	4596	4598	4603	rVB4	4905	4128	0.24%	0.025%
100	32.478	5043	5045	5047	rBV3	4312	3546	0.21%	0.021%

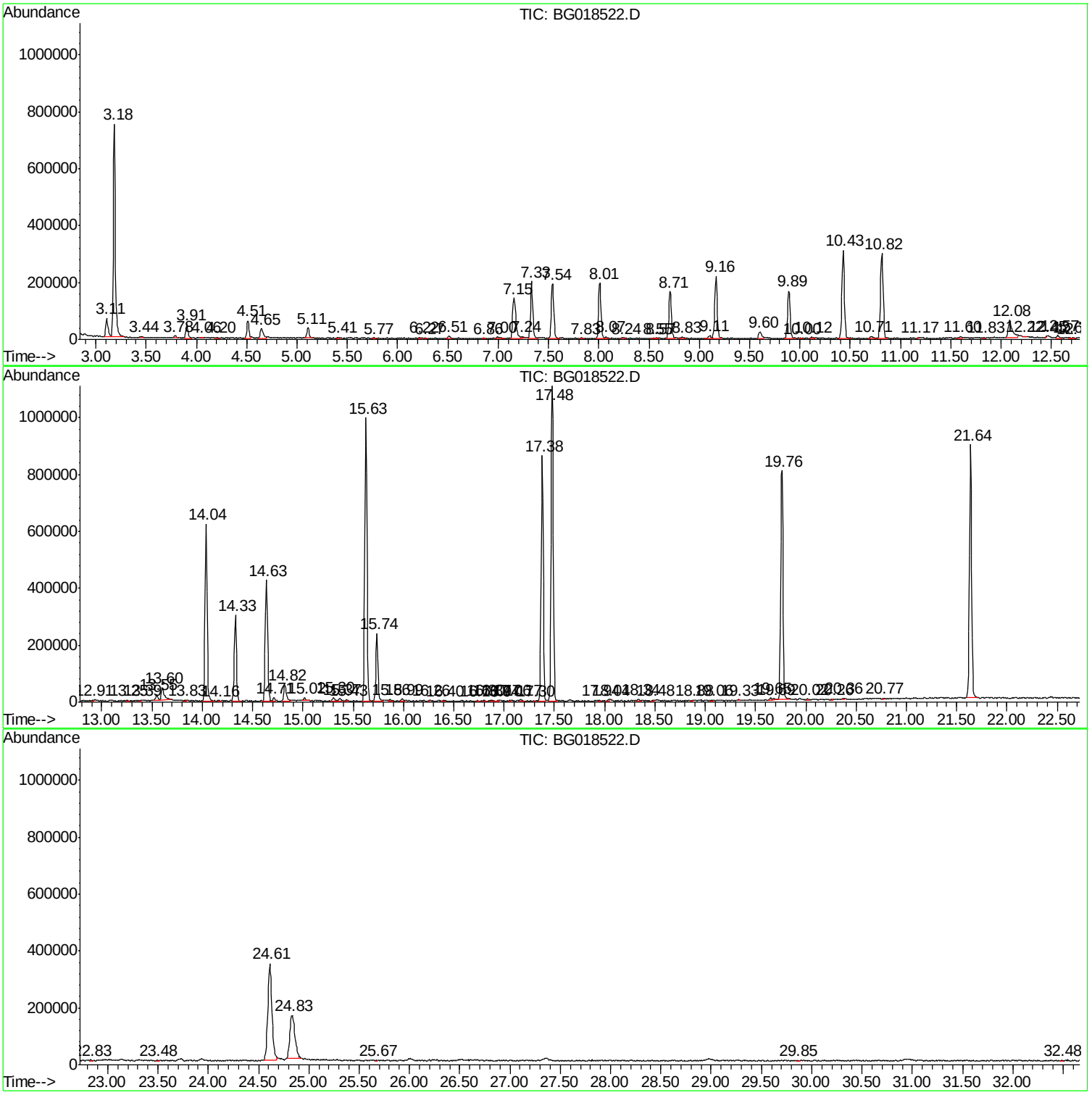
Sum of corrected areas: 16718383

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018522.D
Acq On : 28 Aug 2015 20:59
Operator : UM/MA
Sample : G3448-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AE6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.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\BG082815\
Data File : BG018522.D
Acq On : 28 Aug 2015 20:59
Operator : UM/MA
Sample : G3448-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

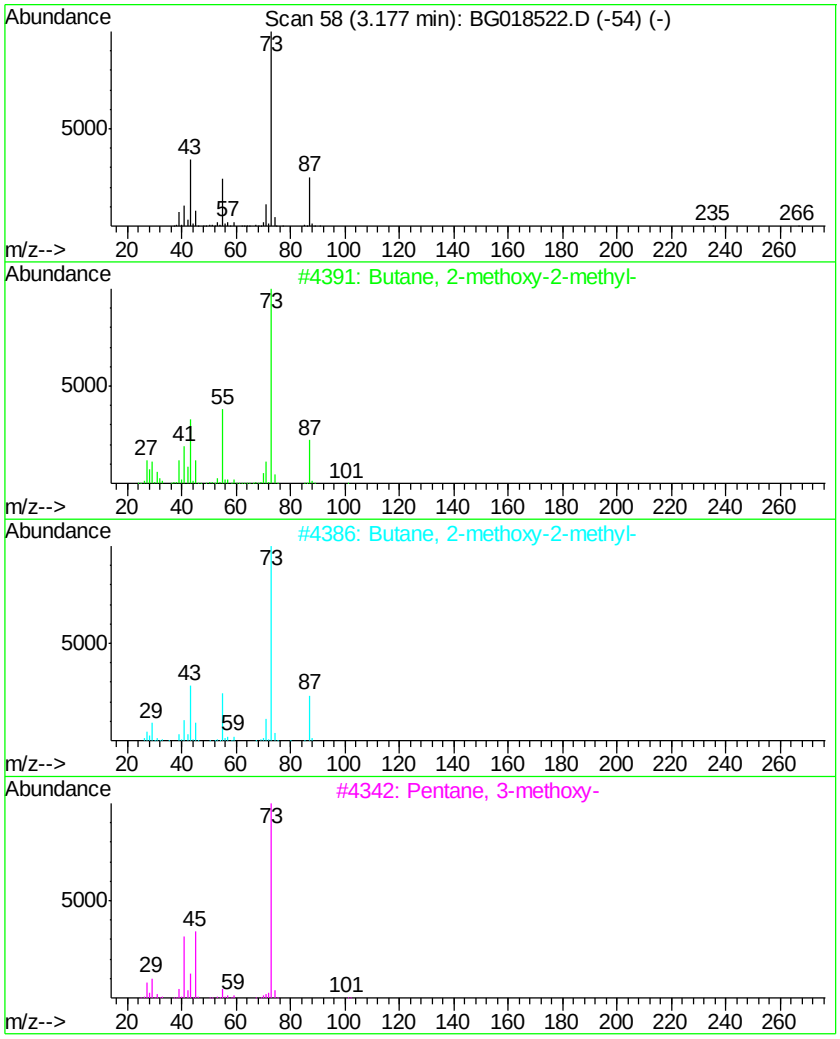
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

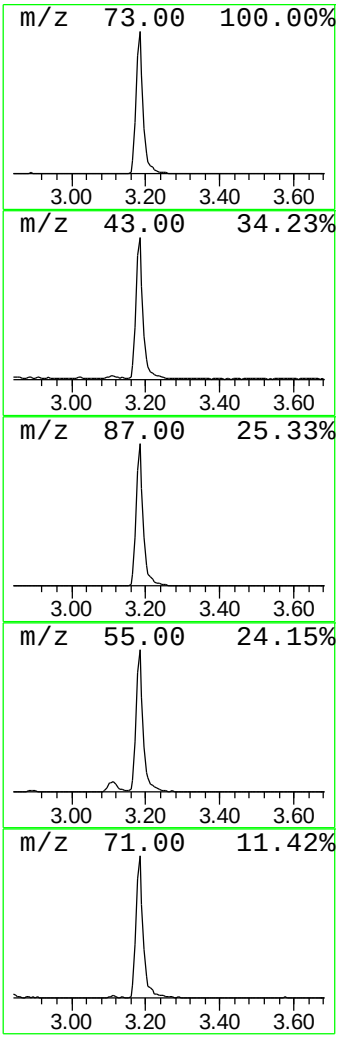
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	58.14 ng/ul	978137	1,4-Dichlorobenzene-d4	8.01

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018522.D
Acq On : 28 Aug 2015 20:59
Operator : UM/MA
Sample : G3448-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

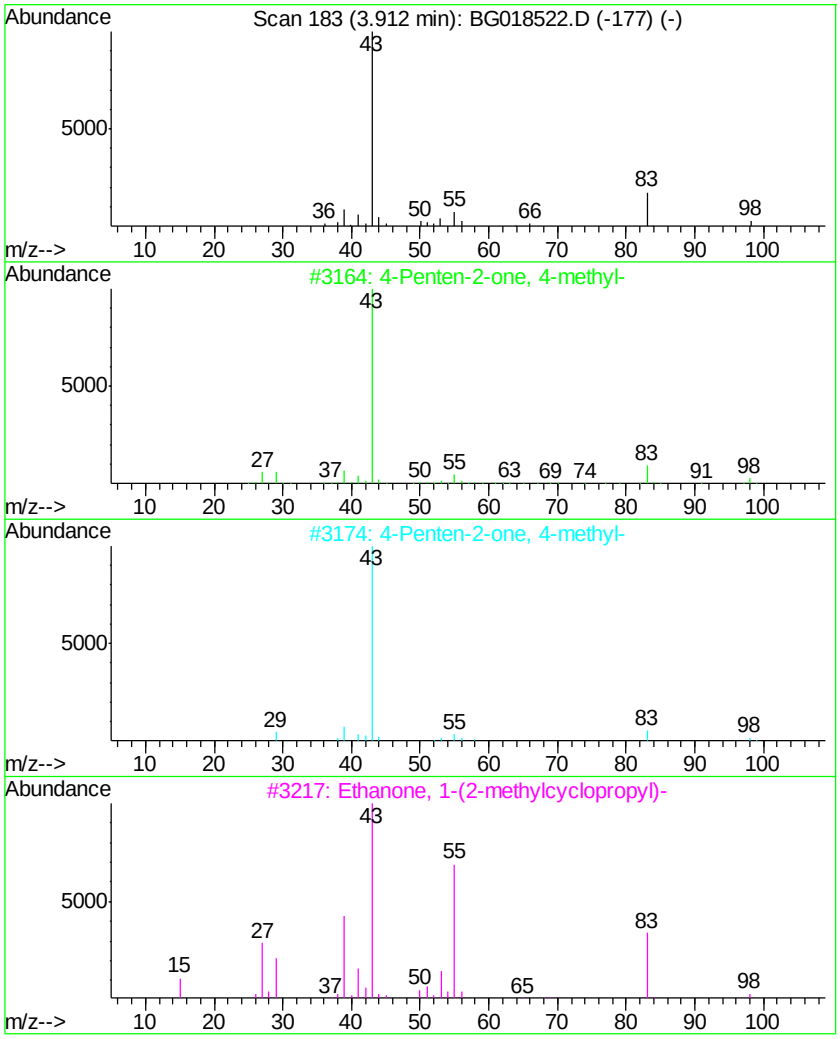
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

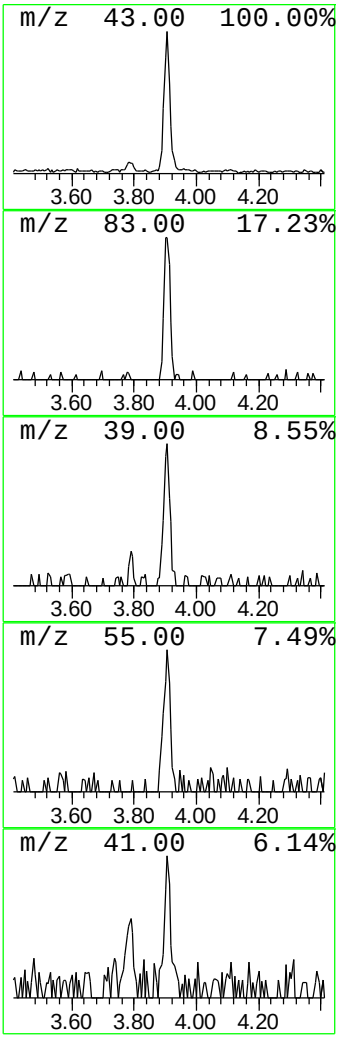
****

Peak Number 3 4-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.91	4.14 ng/ul	69594	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	59
2	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	47
3	Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9
4	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	9
5	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018522.D
Acq On : 28 Aug 2015 20:59
Operator : UM/MA
Sample : G3448-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

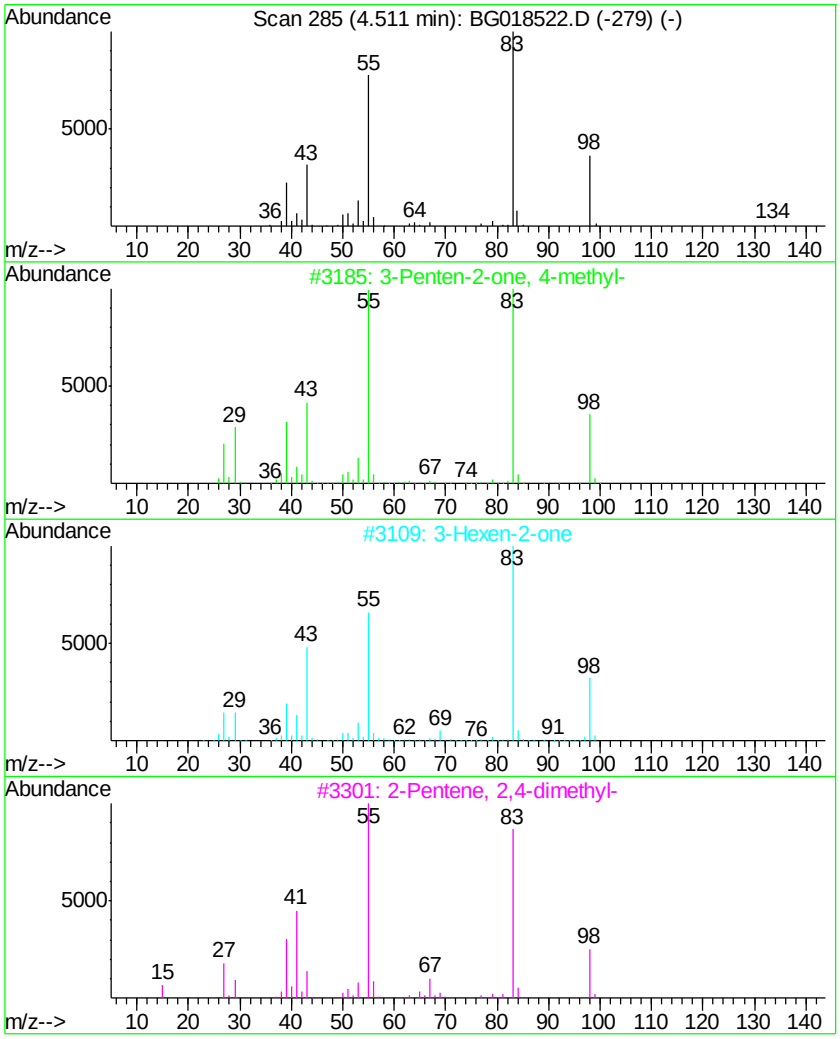
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

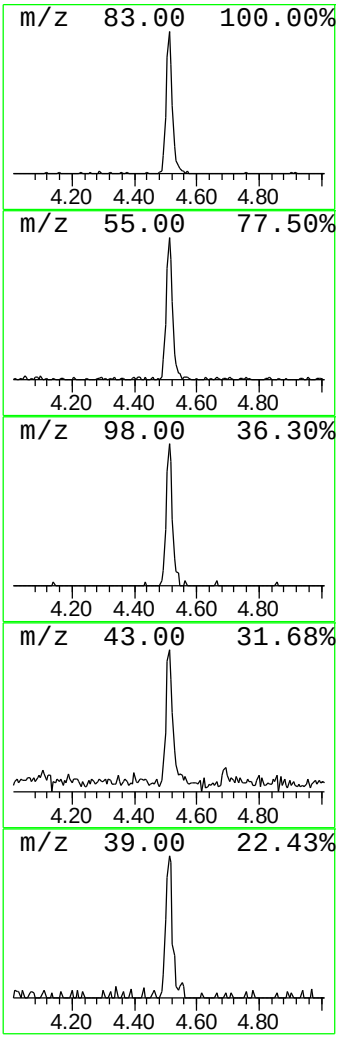
****

Peak Number 4 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.51	5.50 ng/ul	92606	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78
5	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018522.D
Acq On : 28 Aug 2015 20:59
Operator : UM/MA
Sample : G3448-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

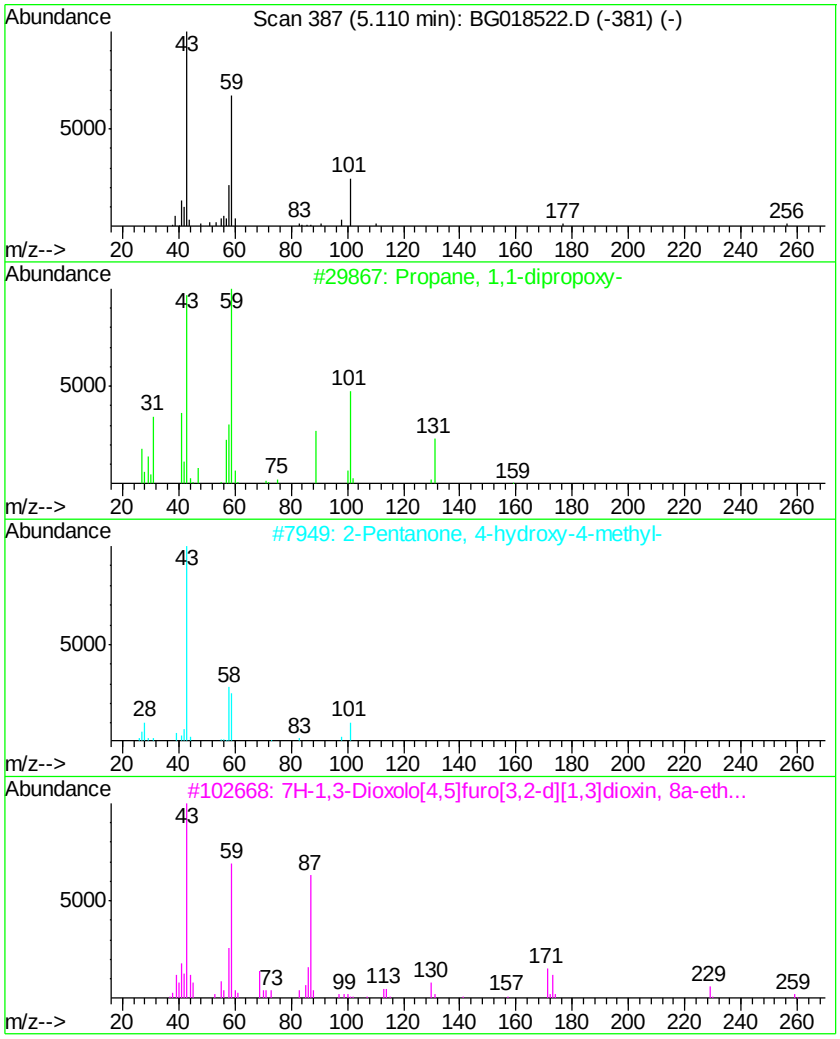
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

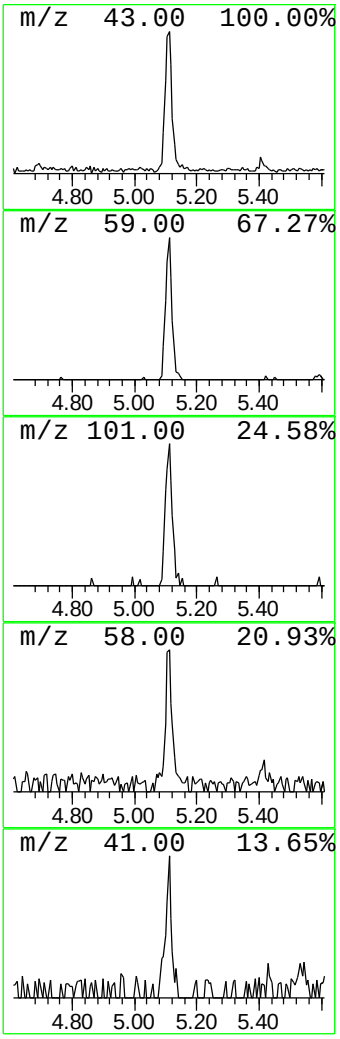
****

Peak Number 6 Propane, 1,1-dipropoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	3.34 ng/ul	56153	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3	7H-1,3-Dioxolo[4,5]furo[3,2-d][1...	274	C13H22O6	1000141-70-0	38
4	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	32
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018522.D
Acq On : 28 Aug 2015 20:59
Operator : UM/MA
Sample : G3448-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.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	58.1	ng/ul	978137	1	8.01	336475	20.0
4-Penten-2-one, 4...	3.91	4.1	ng/ul	69594	1	8.01	336475	20.0
3-Penten-2-one, 4...	4.51	5.5	ng/ul	92606	1	8.01	336475	20.0
Propane, 1,1-dipr...	5.11	3.3	ng/ul	56153	1	8.01	336475	20.0