LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120114\
Data File : BG015558.D
Acq On : 1 Dec 2014 12:42
Operator : TP/JJ
Sample : F4638-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BBWY2

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\SOM01.2-EPA-BG112514.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	12	rVB4	21505	38353	0.95%	0.199%
2	2.940	37	43	51	rBV2	335205	784530	19.49%	4.068%
3	3.016	51	56	65	rVB	518483	837334	20.80%	4.342%
4	3.139	75	77	81	rBV4	5392	5850	0.15%	0.030%
5	3.269	97	99	101	rBV3	6497	5846	0.15%	0.030%
6	3.486	135	136	139	rVB2	10401	6251	0.16%	0.032%
7	4.009	221	225	228	rBV3	3855	6083	0.15%	0.032%
8	4.150	246	249	252	rVB3	7185	9449	0.23%	0.049%
9	4.250	265	266	270	rVB2	7525	8146	0.20%	0.042%
10	4.326	278	279	283	rVB	7944	7457	0.19%	0.039%
11	4.426	293	296	298	rBV3	11936	12450	0.31%	0.065%
12	4.520	308	312	315	rBV3	6924	9974	0.25%	0.052%
13	4.796	358	359	362	rVB2	7161	6462	0.16%	0.034%
14	5.360	453	455	457	rBV2	7993	7812	0.19%	0.041%
15	5.554	485	488	491	rVB3	6297	6153	0.15%	0.032%
16	5.777	525	526	529	rBV2	6154	5791	0.14%	0.030%
17	5.883	542	544	549	rVB3	6424	8850	0.22%	0.046%
18	6.388	624	630	633	rBV3	5974	13112	0.33%	0.068%
19	7.129	753	756	760	rVB2	5181	7789	0.19%	0.040%
20	7.775	860	866	875	rVB	478851	770447	19.14%	3.995%
21	7.869	879	882	885	rBV	5705	8018	0.20%	0.042%
22	8.092	917	920	923	rBV2	4064	5892	0.15%	0.031%
23	8.233	941	944	947	rVB2	4386	5706	0.14%	0.030%
24	8.580	1000	1003	1006	rBV3	4990	5902	0.15%	0.031%
25	8.880	1053	1054	1059	rVB3	5229	6975	0.17%	0.036%
26	9.003	1070	1075	1076	rBV2	5979	6957	0.17%	0.036%
27	9.408	1143	1144	1149	rBV	4760	6154	0.15%	0.032%
28	9.679	1187	1190	1191	rBV2	7183	5783	0.14%	0.030%
29	10.072	1254	1257	1260	rBV	4151	6955	0.17%	0.036%
30	10.190	1274	1277	1280	rVB3	6508	7240	0.18%	0.038%
31	10.231	1280	1284	1285	rBV3	10513	10317	0.26%	0.054%
32	10.249	1285	1287	1290	rVB3	9611	9512	0.24%	0.049%
33	10.343	1302	1303	1309	rVB2	6929	6412	0.16%	0.033%
34	10.390	1309	1311	1314	rBV	6326	8222	0.20%	0.043%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120114\
Data File : BG015558.D
Acq On : 1 Dec 2014 12:42
Operator : TP/JJ
Sample : F4638-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BBWY2

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\SOM01.2-EPA-BG112514.M
Title : SVOA CALIBRATION

35	10.554	1331	1339	1347	rBV	599354	1050379	26.09%	5.447%
36	10.965	1406	1409	1411	rBV	7142	7898	0.20%	0.041%
37	11.189	1442	1447	1449	rBV2	4835	6557	0.16%	0.034%
38	11.277	1459	1462	1465	rVB	7095	6469	0.16%	0.034%
39	11.424	1484	1487	1489	rVB2	6136	7184	0.18%	0.037%
40	11.770	1542	1546	1548	rBV	5497	7771	0.19%	0.040%
41	11.800	1548	1551	1554	rVB3	5976	6858	0.17%	0.036%
42	11.929	1571	1573	1576	rBV3	5750	6919	0.17%	0.036%
43	12.011	1583	1587	1589	rVB2	5941	5671	0.14%	0.029%
44	12.129	1605	1607	1611	rBV4	4060	5946	0.15%	0.031%
45	12.281	1629	1633	1637	rBV4	6938	11969	0.30%	0.062%
46	12.317	1637	1639	1643	rVB	5406	5693	0.14%	0.030%
47	12.887	1731	1736	1738	rBV2	5244	6873	0.17%	0.036%
48	13.081	1768	1769	1772	rBV	6788	6008	0.15%	0.031%
49	13.175	1783	1785	1790	rBV3	5270	8793	0.22%	0.046%
50	13.304	1802	1807	1814	rVB4	47740	82325	2.04%	0.427%
51	13.533	1845	1846	1849	rVB	8523	6887	0.17%	0.036%
52	13.574	1849	1853	1854	rBV	5704	5929	0.15%	0.031%
53	13.839	1894	1898	1903	rVB2	5683	9791	0.24%	0.051%
54	13.944	1913	1916	1918	rBV2	5027	6923	0.17%	0.036%
55	14.344	1982	1984	1988	rBV2	4364	5696	0.14%	0.030%
56	14.403	1988	1994	2005	rVB	931865	1413303	35.10%	7.329%
57	14.773	2054	2057	2059	rBV2	4999	6160	0.15%	0.032%
58	14.843	2066	2069	2072	rBV3	6027	8847	0.22%	0.046%
59	14.925	2081	2083	2085	rBV2	6748	6161	0.15%	0.032%
60	15.225	2132	2134	2137	rVB3	8654	8222	0.20%	0.043%
61	15.372	2157	2159	2160	rBV	8959	7834	0.19%	0.041%
62	15.942	2254	2256	2260	rVB3	5133	5678	0.14%	0.029%
63	16.036	2268	2272	2273	rVB	7860	7338	0.18%	0.038%
64	16.212	2298	2302	2304	rBV3	4509	6024	0.15%	0.031%
65	16.353	2323	2326	2332	rVB6	8853	14097	0.35%	0.073%
66	16.647	2373	2376	2378	rBV3	6754	6430	0.16%	0.033%
67	16.741	2389	2392	2395	rBV2	6509	7955	0.20%	0.041%
68	16.864	2410	2413	2415	rBV2	6362	6966	0.17%	0.036%
69	16.964	2420	2430	2436	rBV	2787395	4026244	100.00%	20.879%
70	17.099	2450	2453	2455	rBV3	6777	8459	0.21%	0.044%
71	17.146	2455	2461	2467	rVB	1279054	1872810	46.52%	9.712%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120114\
Data File : BG015558.D
Acq On : 1 Dec 2014 12:42
Operator : TP/JJ
Sample : F4638-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BBWY2

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\SOM01.2-EPA-BG112514.M
Title : SVOA CALIBRATION

72	17.240	2475	2477	2481	rVB4	8593	9005	0.22%	0.047%
73	17.323	2488	2491	2493	rVB2	6453	6135	0.15%	0.032%
74	17.440	2508	2511	2513	rBV3	5665	6050	0.15%	0.031%
75	17.605	2536	2539	2541	rVB2	5876	7161	0.18%	0.037%
76	17.816	2571	2575	2578	rBV3	12299	15355	0.38%	0.080%
77	17.940	2594	2596	2598	rBV2	4999	5861	0.15%	0.030%
78	18.039	2609	2613	2614	rBV3	14096	14657	0.36%	0.076%
79	18.128	2623	2628	2629	rVB3	7851	9822	0.24%	0.051%
80	18.327	2659	2662	2665	rBV3	6143	9265	0.23%	0.048%
81	18.363	2666	2668	2672	rVB3	6521	6018	0.15%	0.031%
82	18.527	2694	2696	2700	rVB3	7368	8513	0.21%	0.044%
83	19.015	2775	2779	2785	rBV	172846	231640	5.75%	1.201%
84	19.085	2788	2791	2793	rBV4	11738	13242	0.33%	0.069%
85	19.303	2825	2828	2829	rVB3	6746	5680	0.14%	0.029%
86	19.326	2829	2832	2839	rBV8	16726	30183	0.75%	0.157%
87	19.379	2839	2841	2846	rVB4	6638	9082	0.23%	0.047%
88	19.420	2846	2848	2851	rVB3	9882	10254	0.25%	0.053%
89	19.450	2851	2853	2855	rVB2	7054	7248	0.18%	0.038%
90	19.485	2855	2859	2861	rBV3	10431	15692	0.39%	0.081%
91	19.526	2864	2866	2868	rBV3	7275	7417	0.18%	0.038%
92	19.708	2894	2897	2900	rBV4	5064	6665	0.17%	0.035%
93	19.773	2907	2908	2911	rBV3	8097	7131	0.18%	0.037%
94	19.867	2922	2924	2926	rBV3	6978	5712	0.14%	0.030%
95	20.725	3068	3070	3072	rBV2	9414	8453	0.21%	0.044%
96	21.124	3136	3138	3143	rVB6	31082	33826	0.84%	0.175%
97	21.330	3167	3173	3179	rBV	2102292	2711454	67.34%	14.061%
98	21.430	3185	3190	3196	rVB	818714	945190	23.48%	4.902%
99	23.615	3554	3562	3572	rBV2	1273874	2508840	62.31%	13.010%
100	23.868	3598	3605	3612	rBV2	730467	1288783	32.01%	6.683%

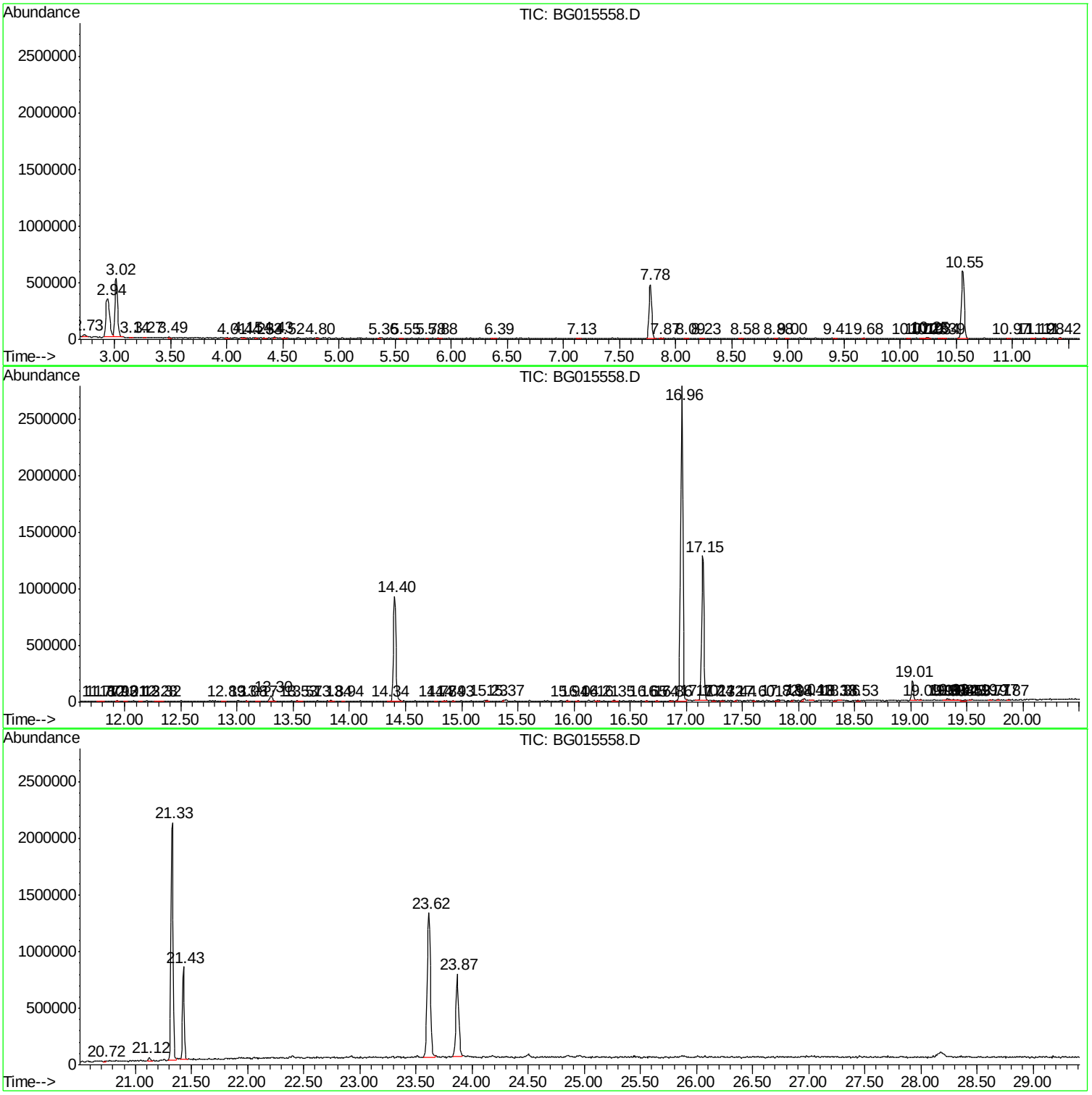
Sum of corrected areas: 19283585

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120114\
Data File : BG015558.D
Acq On : 1 Dec 2014 12:42
Operator : TP/JJ
Sample : F4638-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BBWY2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG112514.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\BG120114\
Data File : BG015558.D
Acq On : 1 Dec 2014 12:42
Operator : TP/JJ
Sample : F4638-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BBWY2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG112514.M
Quant Title : SVOA CALIBRATION

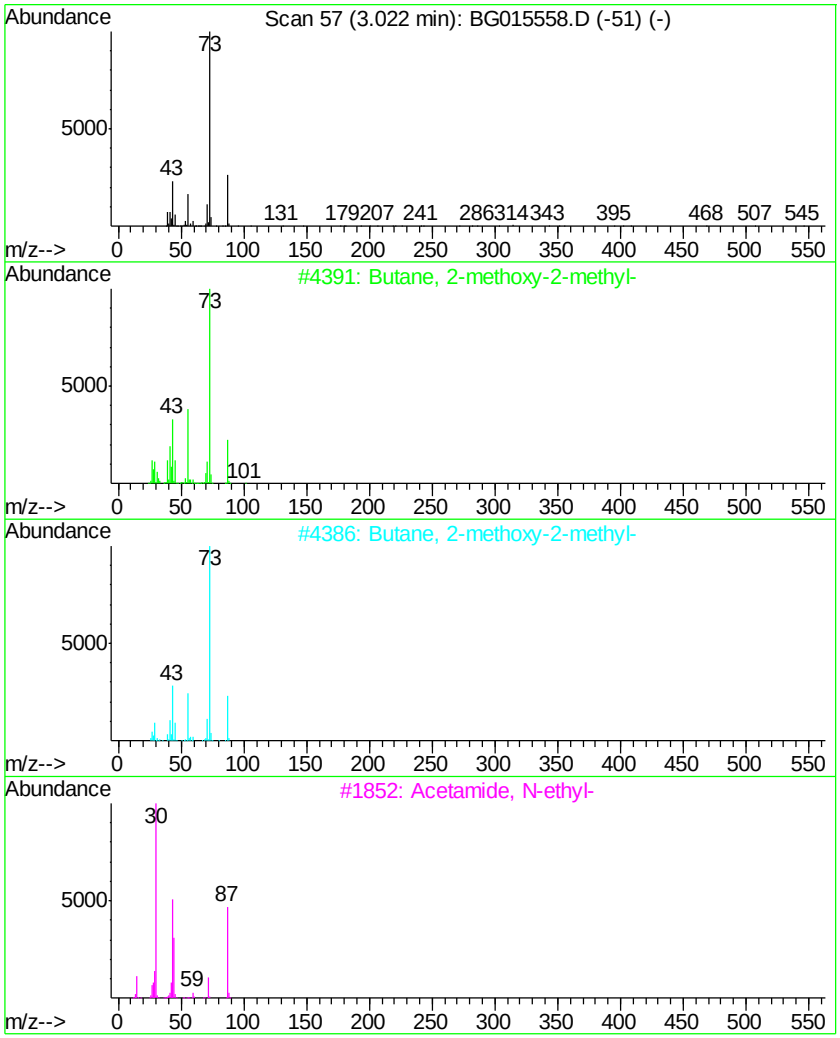
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

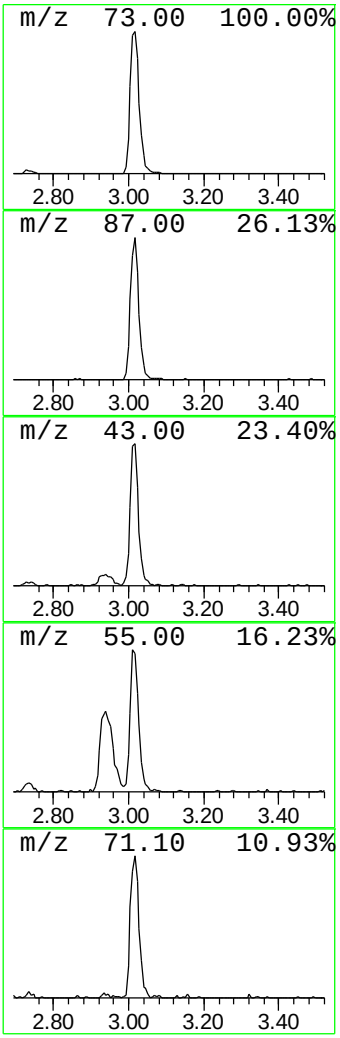
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	21.74 ng/ul	837334	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	42
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120114\
Data File : BG015558.D
Acq On : 1 Dec 2014 12:42
Operator : TP/JJ
Sample : F4638-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BBWY2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG112514.M
Quant Title : SVOA CALIBRATION

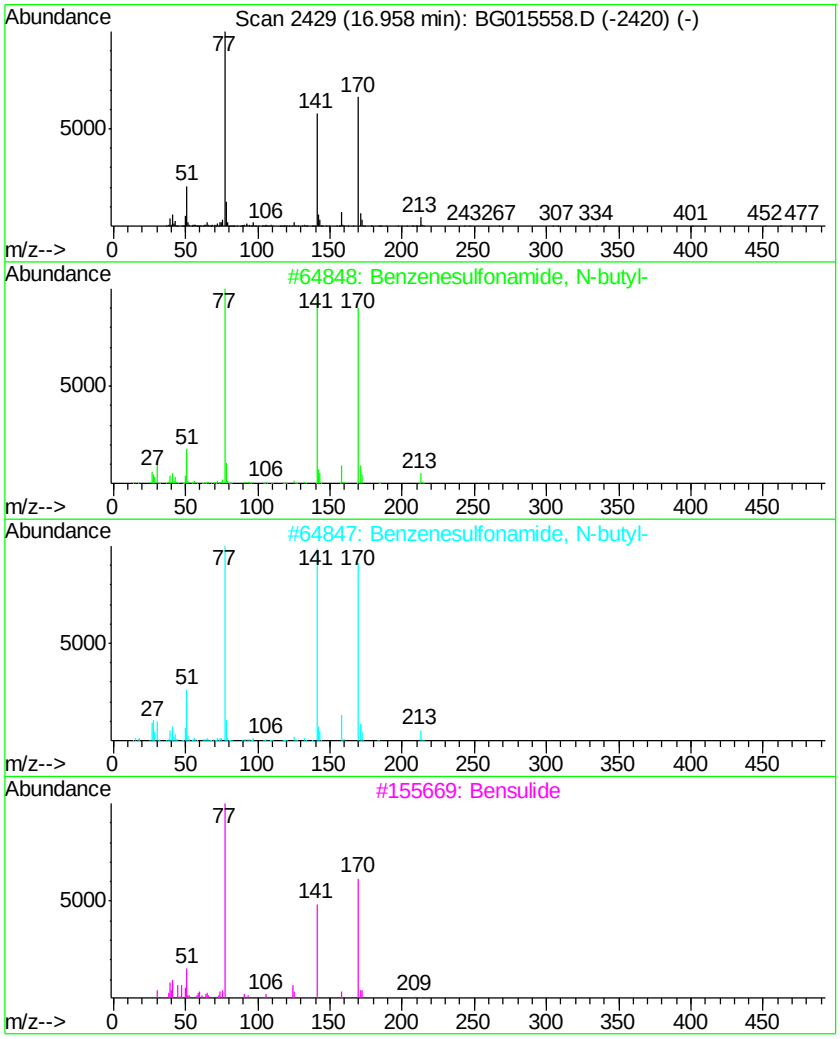
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

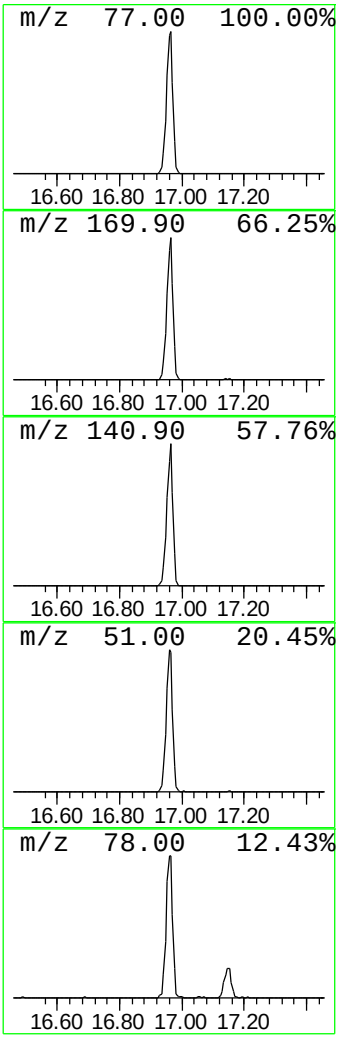
****

Peak Number 3 Benzenesulfonamide, N-butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	43.00 ng/ul	4026240	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	95
2	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	81
3	Bensulide	397	C14H24NO4PS3	000741-58-2	64
4	(Phenylsulfonyl)acetonitrile	181	C8H7NO2S	007605-28-9	53
5	Ethyl benzenesulfonate	186	C8H10O3S	000515-46-8	42





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120114\
Data File : BG015558.D
Acq On : 1 Dec 2014 12:42
Operator : TP/JJ
Sample : F4638-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BBWY2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG112514.M
Quant Title : SVOA CALIBRATION

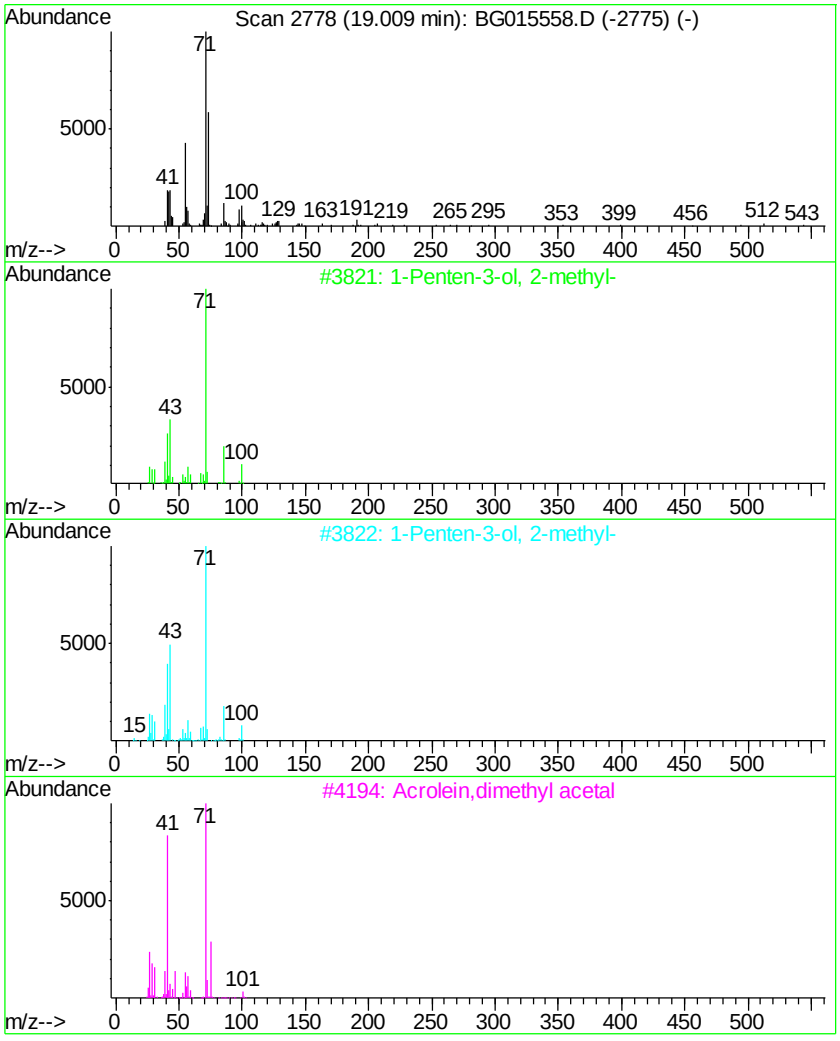
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

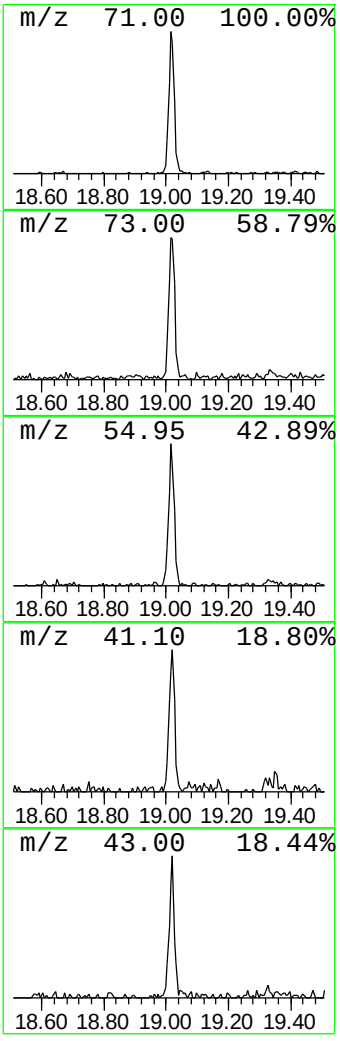
****

Peak Number 4 1-Penten-3-ol, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	2.47 ng/ul	231640	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	72
2	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	56
3	Acrolein,dimethyl acetal	102	C5H10O2	006044-68-4	49
4	2-Furanmethanamine, tetrahydro-	101	C5H11NO	004795-29-3	47
5	Z-1-Methoxy-2-pentene	100	C6H12O	1000279-59-4	42





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120114\
Data File : BG015558.D
Acq On : 1 Dec 2014 12:42
Operator : TP/JJ
Sample : F4638-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BBWY2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG112514.M
Quant Title : SVOA CALIBRATION

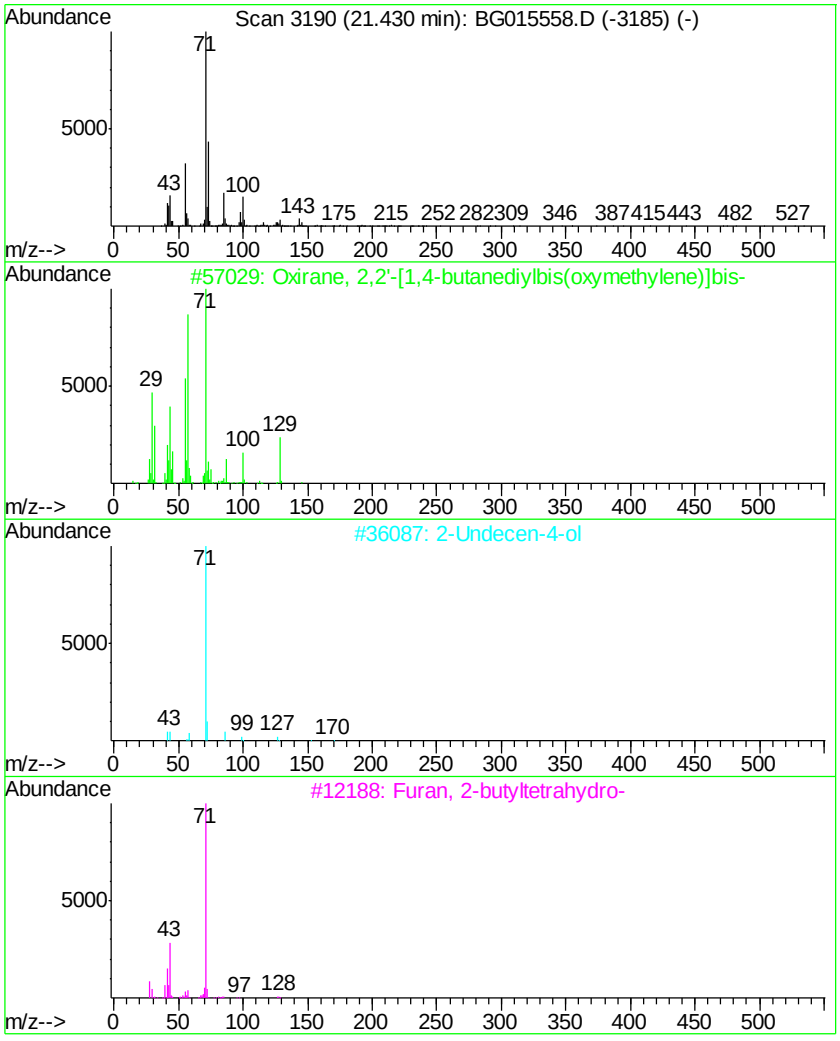
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

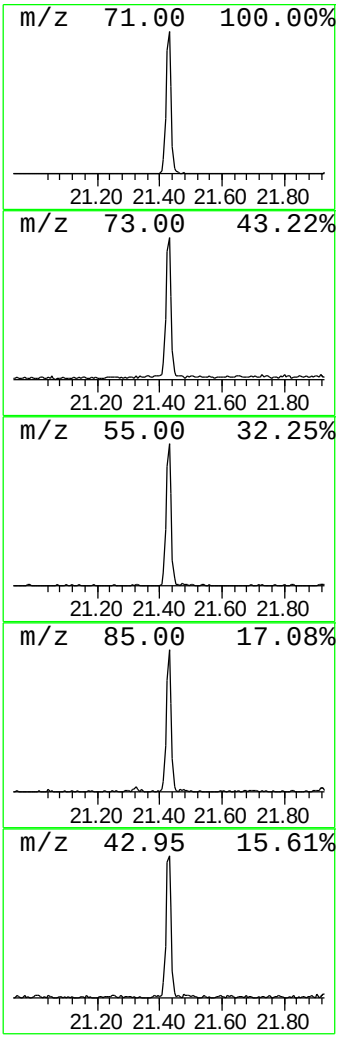
****

Peak Number 5 Oxirane, 2,2'-[1,4-butanedi... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	6.97 ng/ul	945190	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2,2'-[1,4-butanediylbis...	202	C10H18O4	002425-79-8	50
2	2-Undecen-4-ol	170	C11H22O	022381-86-8	50
3	Furan, 2-butyltetrahydro-	128	C8H16O	001004-29-1	47
4	2-Furanmethanamine, tetrahydro-	101	C5H11NO	004795-29-3	40
5	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120114\
Data File : BG015558.D
Acq On : 1 Dec 2014 12:42
Operator : TP/JJ
Sample : F4638-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BBWY2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG112514.M
Quant Title : SVOA CALIBRATION

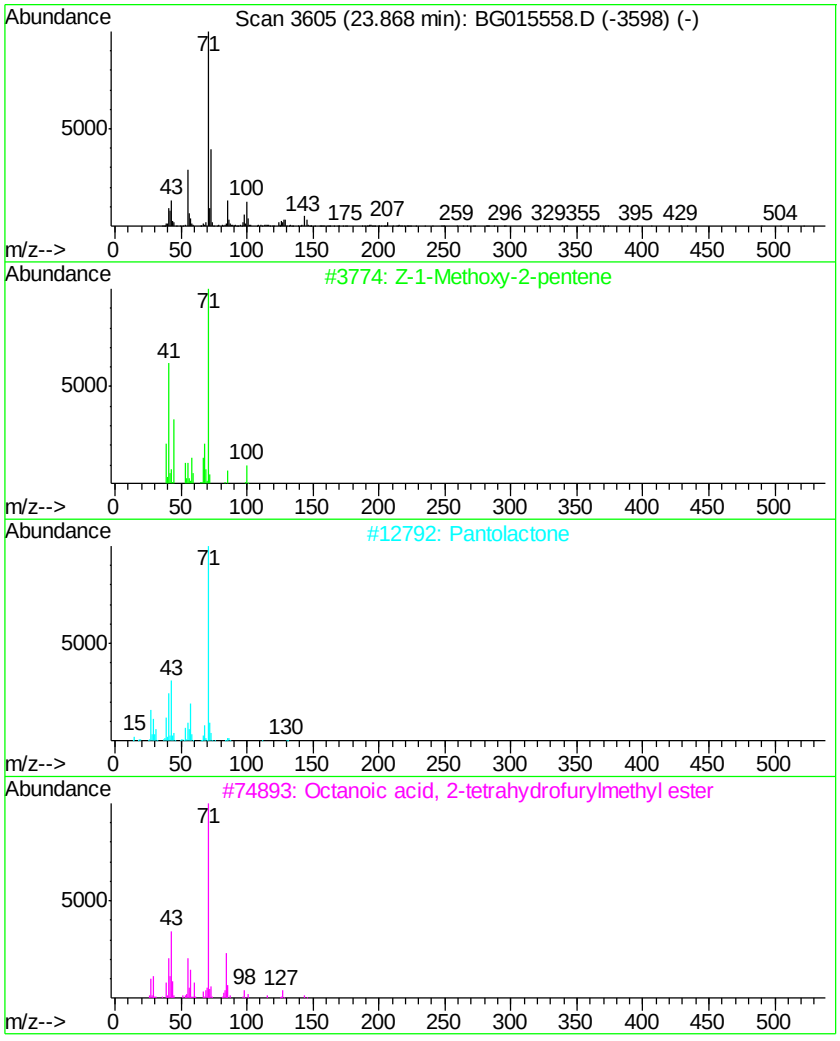
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

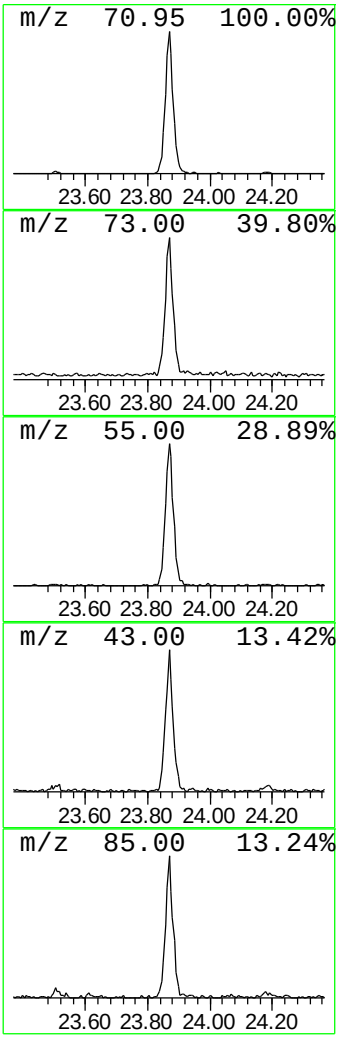
****

Peak Number 6 Z-1-Methoxy-2-pentene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	10.27 ng/ul	1288780	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-1-Methoxy-2-pentene	100	C6H12O	1000279-59-4	59
2	Pantolactone	130	C6H10O3	000599-04-2	40
3	Octanoic acid, 2-tetrahydrofuryl...	228	C13H24O3	033601-75-1	39
4	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	38
5	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120114\
Data File : BG015558.D
Acq On : 1 Dec 2014 12:42
Operator : TP/JJ
Sample : F4638-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BBWY2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG112514.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...	3.02	21.7	ng/ul	837334	1	7.78	770447	20.0
Benzenesulfonamid...	16.96	43.0	ng/ul	4026240	4	17.15	1872810	20.0
1-Penten-3-ol, 2-...	19.01	2.5	ng/ul	231640	4	17.15	1872810	20.0
Oxirane, 2,2'-[1,...	21.43	7.0	ng/ul	945190	5	21.33	2711450	20.0
Z-1-Methoxy-2-pen...	23.87	10.3	ng/ul	1288780	6	23.62	2508840	20.0