LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112116\
Data File : BG024883.D
Acq On : 22 Nov 2016 6:52
Operator : UM/SJ
Sample : H5694-22 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSS9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.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	3.189	54	60	66	rVB3	20953	38769	1.62%	0.266%
2	3.307	74	80	87	rBV2	155715	234493	9.81%	1.608%
3	3.395	89	95	105	rVB2	120106	237110	9.92%	1.626%
4	3.471	105	108	113	rVB5	9319	12709	0.53%	0.087%
5	3.530	113	118	121	rBV5	10011	16985	0.71%	0.117%
6	3.912	178	183	186	rBV5	11237	10334	0.43%	0.071%
7	4.065	204	209	213	rVB7	12902	21400	0.90%	0.147%
8	4.159	216	225	232	rBV3	78268	149905	6.27%	1.028%
9	4.223	232	236	238	rVV5	9852	13707	0.57%	0.094%
10	4.241	238	239	244	rVV3	9762	10185	0.43%	0.070%
11	4.388	263	264	269	rVB4	8430	10848	0.45%	0.074%
12	4.499	282	283	287	rBV3	8142	10024	0.42%	0.069%
13	4.611	294	302	311	rVV3	35442	75401	3.16%	0.517%
14	4.682	311	314	316	rVB3	8942	11128	0.47%	0.076%
15	4.752	323	326	331	rBV7	8022	10547	0.44%	0.072%
16	4.952	357	360	364	rBV5	13836	21220	0.89%	0.146%
17	5.022	368	372	380	rVB7	16938	33121	1.39%	0.227%
18	5.110	380	387	391	rVB8	7422	17058	0.71%	0.117%
19	5.263	410	413	419	rVB7	8160	14246	0.60%	0.098%
20	5.328	419	424	432	rVB6	17151	39445	1.65%	0.271%
21	5.410	432	438	448	rBV2	44920	99794	4.18%	0.685%
22	6.227	569	577	581	rBV7	12093	26187	1.10%	0.180%
23	6.274	581	585	589	rBV6	7740	13874	0.58%	0.095%
24	6.462	613	617	621	rVB7	6197	11847	0.50%	0.081%
25	6.644	647	648	653	rBV5	7460	10030	0.42%	0.069%
26	6.691	653	656	659	rBV3	8109	10114	0.42%	0.069%
27	6.779	666	671	673	rBV5	9086	10463	0.44%	0.072%
28	6.838	679	681	689	rVB6	7348	15330	0.64%	0.105%
29	7.249	748	751	758	rVB7	8512	14429	0.60%	0.099%
30	7.408	769	778	790	rVB4	87213	190310	7.97%	1.305%
31	7.508	793	795	799	rBV4	6587	9186	0.38%	0.063%
32	7.578	801	807	816	rVB2	58610	113049	4.73%	0.775%
33	7.796	835	844	853	rBV2	83760	165154	6.91%	1.133%
34	7.995	874	878	882	rVB6	5888	9809	0.41%	0.067%

LSC Area Percent Report

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Acq On : 22 Nov 2016 6:52
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Sample : H5694-22 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSS9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Title : SVOA CALIBRATION

35	8.266	916	924	935	rVB2	498650	909428	38.06%	6.238%
36	8.689	994	996	1000	rBV4	6944	10317	0.43%	0.071%
37	8.771	1008	1010	1014	rBV4	7865	9484	0.40%	0.065%
38	8.965	1035	1043	1053	rBV3	90591	181919	7.61%	1.248%
39	9.258	1090	1093	1098	rVB4	6639	10348	0.43%	0.071%
40	9.447	1115	1125	1131	rVV3	78055	168538	7.05%	1.156%
41	9.570	1143	1146	1151	rVV6	6643	10552	0.44%	0.072%
42	9.770	1176	1180	1183	rBV5	8199	12211	0.51%	0.084%
43	10.052	1223	1228	1234	rVB6	6641	13602	0.57%	0.093%
44	10.169	1238	1248	1255	rVV3	82360	162818	6.81%	1.117%
45	10.557	1309	1314	1317	rBV5	7798	15043	0.63%	0.103%
46	10.710	1332	1340	1348	rBV2	108140	217680	9.11%	1.493%
47	11.092	1395	1405	1416	rVB	674906	1283754	53.73%	8.806%
48	11.227	1423	1428	1436	rBV7	17547	34109	1.43%	0.234%
49	11.803	1521	1526	1528	rBV5	6757	11193	0.47%	0.077%
50	11.932	1544	1548	1551	rVB5	6811	10673	0.45%	0.073%
51	12.020	1559	1563	1565	rBV4	7517	12385	0.52%	0.085%
52	12.261	1601	1604	1609	rVB4	8302	14969	0.63%	0.103%
53	12.378	1618	1624	1629	rVV8	7240	9474	0.40%	0.065%
54	12.519	1643	1648	1653	rBV8	10293	19542	0.82%	0.134%
55	12.702	1675	1679	1682	rBV6	7982	9874	0.41%	0.068%
56	12.778	1687	1692	1694	rBV4	6550	9738	0.41%	0.067%
57	12.901	1705	1713	1716	rBV10	7334	19295	0.81%	0.132%
58	13.078	1742	1743	1750	rVB7	7989	10206	0.43%	0.070%
59	13.183	1755	1761	1764	rVB8	7614	10327	0.43%	0.071%
60	13.224	1764	1768	1771	rBV6	6232	11026	0.46%	0.076%
61	13.412	1797	1800	1805	rVB6	8779	12698	0.53%	0.087%
62	13.471	1807	1810	1812	rBV4	8999	11171	0.47%	0.077%
63	13.589	1826	1830	1836	rVB8	9937	19063	0.80%	0.131%
64	13.665	1840	1843	1848	rBV7	13390	23107	0.97%	0.158%
65	13.741	1848	1856	1860	rVV10	19293	37696	1.58%	0.259%
66	13.800	1863	1866	1873	rBV9	11274	24281	1.02%	0.167%
67	13.935	1888	1889	1893	rBV3	11357	15366	0.64%	0.105%
68	14.041	1898	1907	1909	rVV9	11408	22236	0.93%	0.153%
69	14.188	1928	1932	1938	rBV8	14434	36198	1.52%	0.248%
70	14.276	1942	1947	1952	rBV	199745	324759	13.59%	2.228%
71	14.317	1952	1954	1962	rVB	64764	84516	3.54%	0.580%

LSC Area Percent Report

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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSS9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Title : SVOA CALIBRATION

72	14.435	1971	1974	1977	rBV5	12095	10380	0.43%	0.071%
73	14.582	1992	1999	2010	rBV2	224630	398399	16.68%	2.733%
74	14.664	2010	2013	2016	rVB5	13514	13796	0.58%	0.095%
75	14.687	2016	2017	2021	rBV4	11906	17461	0.73%	0.120%
76	14.723	2021	2023	2027	rVB5	12068	15394	0.64%	0.106%
77	14.817	2037	2039	2041	rBV3	9608	10662	0.45%	0.073%
78	14.887	2041	2051	2061	rVV	1057902	1776170	74.34%	12.183%
79	15.005	2069	2071	2077	rVB7	12042	15438	0.65%	0.106%
80	15.075	2077	2083	2094	rBV6	71194	177602	7.43%	1.218%
81	15.163	2097	2098	2103	rBV5	10617	14655	0.61%	0.101%
82	15.251	2110	2113	2114	rBV3	15869	14439	0.60%	0.099%
83	15.345	2126	2129	2133	rBV5	20638	17117	0.72%	0.117%
84	15.481	2149	2152	2153	rBV3	25381	18625	0.78%	0.128%
85	15.545	2159	2163	2167	rBV7	17994	34672	1.45%	0.238%
86	15.645	2175	2180	2181	rBV5	25156	37303	1.56%	0.256%
87	15.669	2183	2184	2190	rVB6	21906	29618	1.24%	0.203%
88	15.763	2197	2200	2204	rVB6	21306	35799	1.50%	0.246%
89	15.827	2205	2211	2212	rVV6	13673	25041	1.05%	0.172%
90	15.868	2212	2218	2228	rVV	283804	497990	20.84%	3.416%
91	16.068	2248	2252	2253	rBV4	23888	23799	1.00%	0.163%
92	16.192	2272	2273	2275	rBV2	15946	14779	0.62%	0.101%
93	16.268	2283	2286	2292	rBV8	18726	34295	1.44%	0.235%
94	16.485	2322	2323	2328	rVB5	15985	21697	0.91%	0.149%
95	16.538	2328	2332	2338	rBV8	37781	85906	3.60%	0.589%
96	17.108	2427	2429	2434	rBV6	19771	33947	1.42%	0.233%
97	17.631	2511	2518	2527	rBV	1218005	1978731	82.82%	13.573%
98	17.725	2529	2534	2540	rVB2	300196	468989	19.63%	3.217%
99	19.999	2917	2921	2931	rBV	420077	879226	36.80%	6.031%
100	21.932	3245	3250	3260	rVB	1303822	2389159	100.00%	16.388%

Sum of corrected areas: 14578896

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112116\
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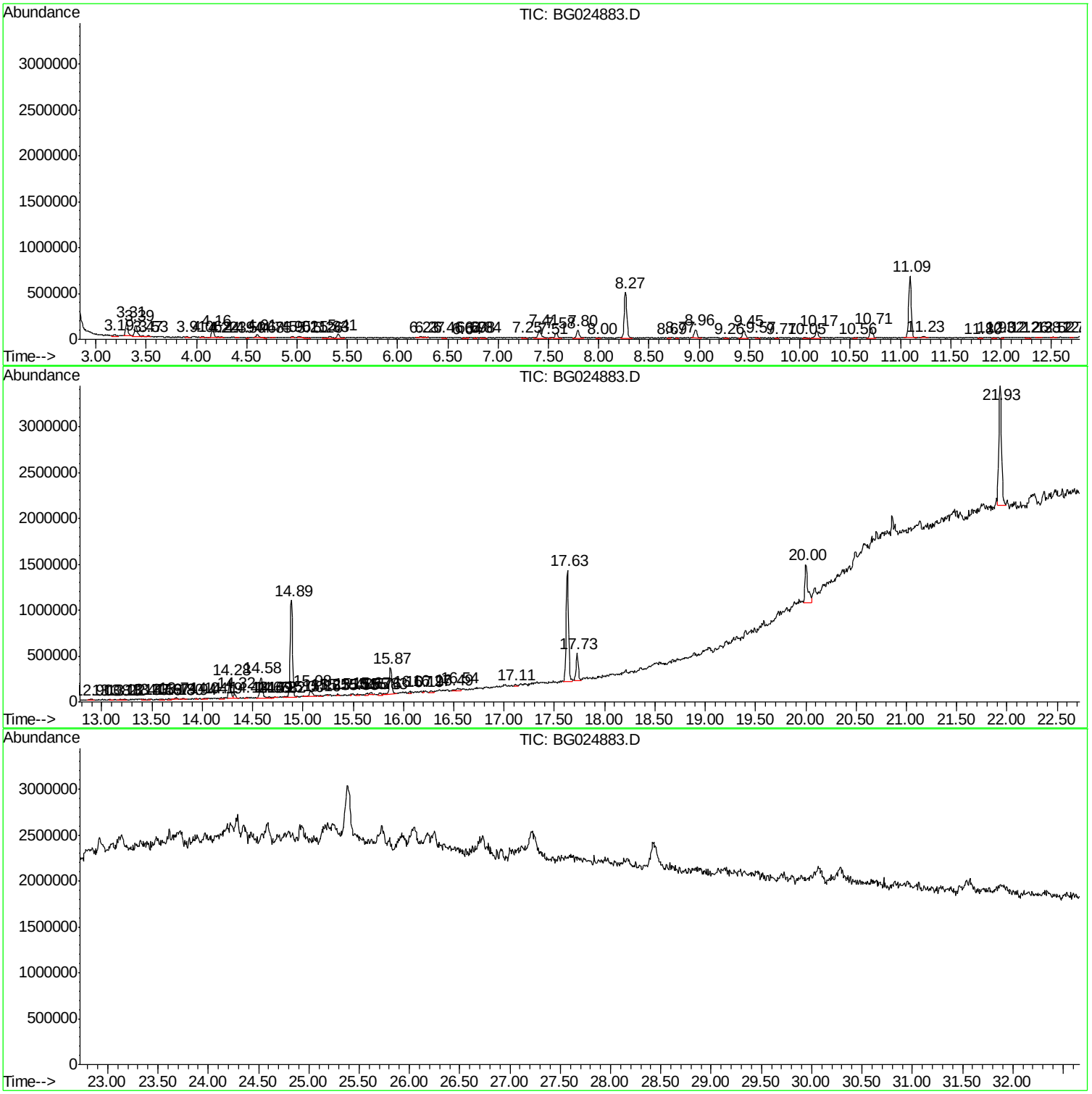
Sample : H5694-22 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSS9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112116\
Data File : BG024883.D
Acq On : 22 Nov 2016 6:52
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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

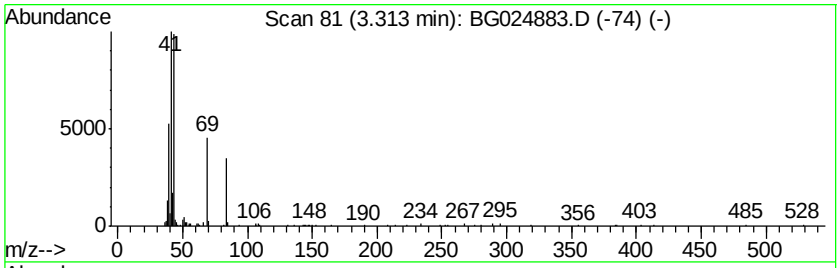
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

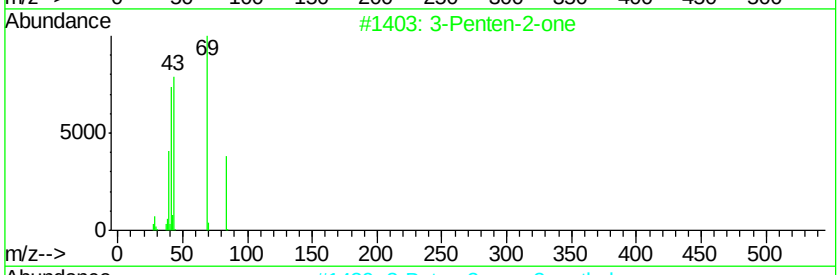
****

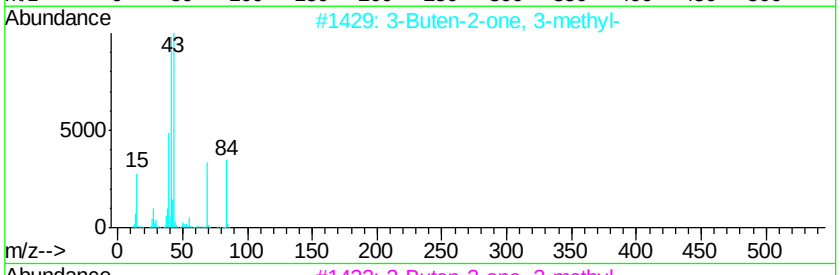
Peak Number 1 3-Penten-2-one Concentration Rank 2

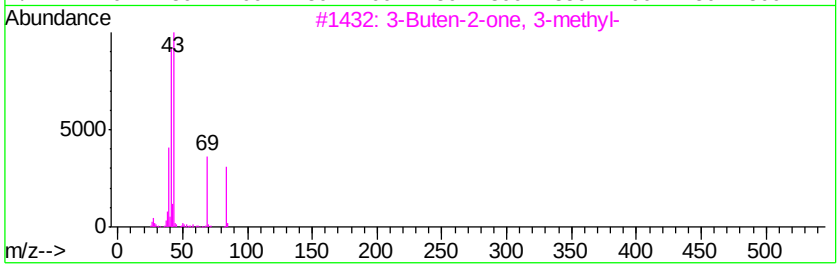
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.31	5.16 ng/ul	234493	1,4-Dichlorobenzene-d4	8.27

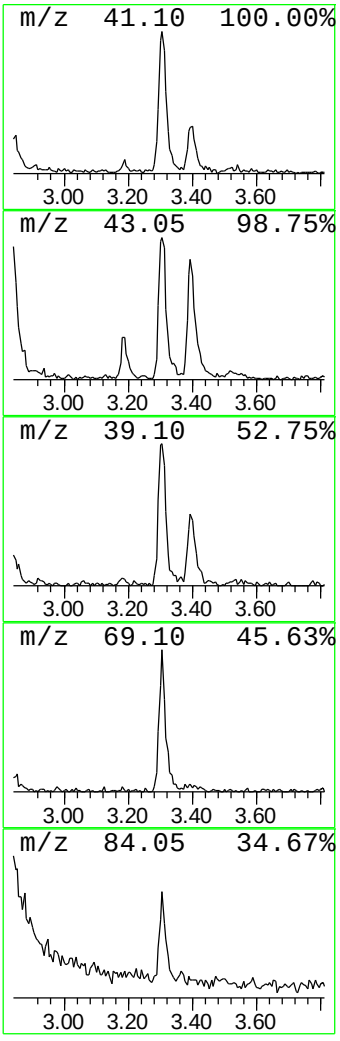
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one	84	C5H8O	000625-33-2	74
2	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	72
3	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	72
4	3-Penten-2-one	84	C5H8O	000625-33-2	64
5	Methyldiallylamine	111	C7H13N	002424-01-3	39











Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112116\
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Acq On : 22 Nov 2016 6:52
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Instrument : BNA_G
ClientSampleId : JHSS9

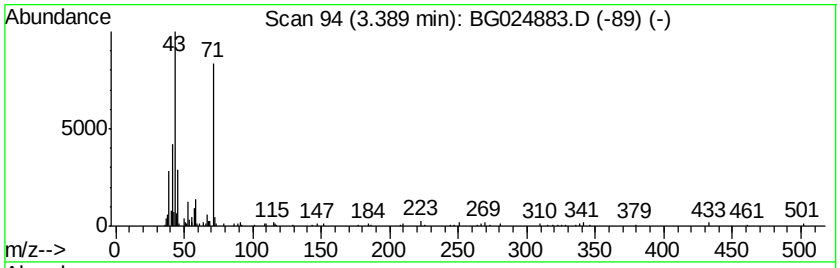
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

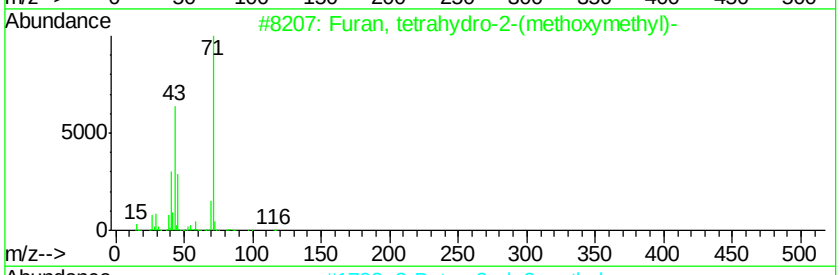
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

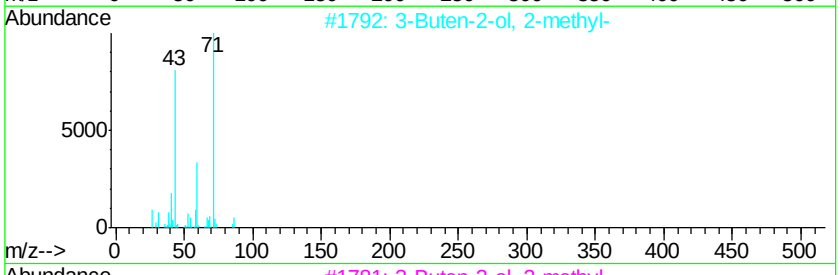
****
Peak Number 2 Furan, tetrahydro-2-(methox... Concentration Rank 1

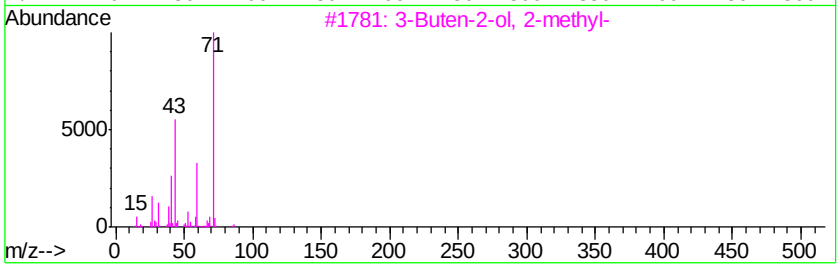
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	5.21 ng/ul	237110	1,4-Dichlorobenzene-d4	8.27

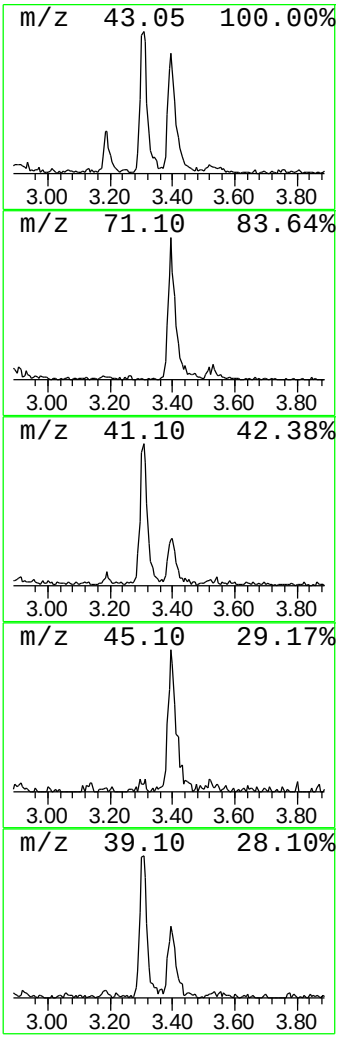
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	64
2	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	59
3	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	53
4	Dichloroacetic acid, 2-tetrahydr...	212	C7H10Cl2O3	004697-00-1	50
5	Pantolactone	130	C6H10O3	000599-04-2	50











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Misc :
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Instrument : BNA_G
ClientSampleId : JHSS9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

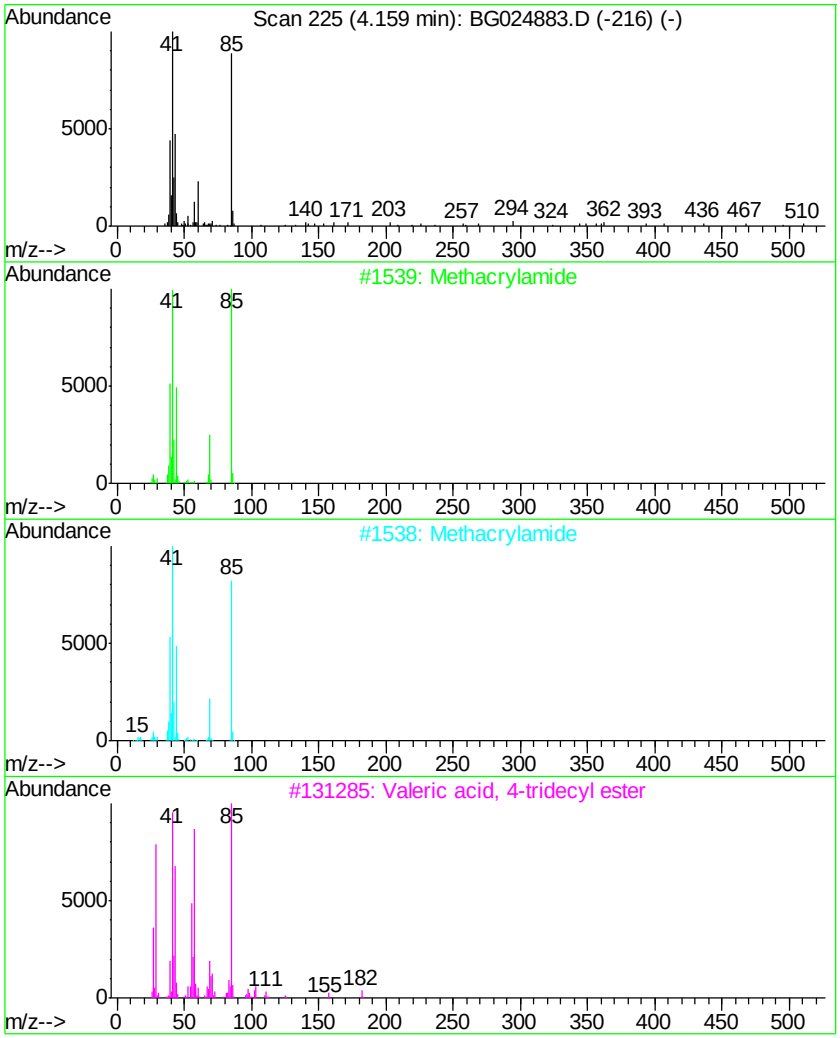
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

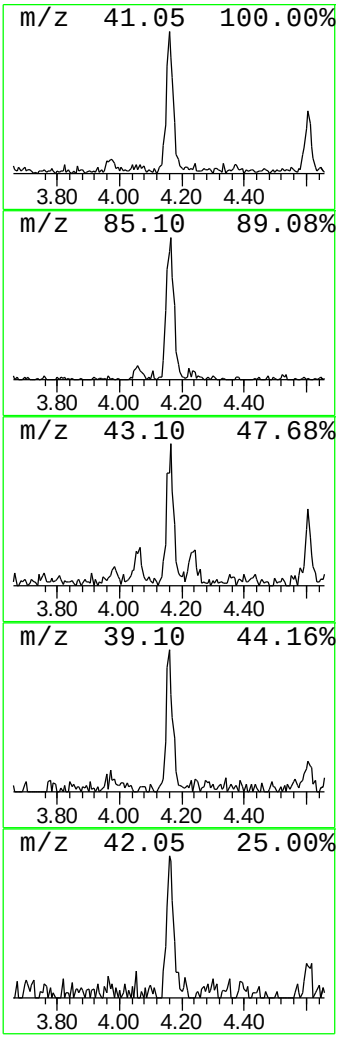
****

Peak Number 3 Methacrylamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.16	3.30 ng/ul	149905	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	53
2	Methacrylamide	85	C4H7NO	000079-39-0	40
3	Valeric acid, 4-tridecyl ester	284	C18H36O2	1000281-99-0	38
4	9-Oxabicyclo[3.3.1]nonan-2-one, ...	254	C14H22O4	1000197-95-9	37
5	2(3H)-Furanone, 5-ethyldihydro-	114	C6H10O2	000695-06-7	36





Data Path : Z:\HPCHEM1\BNA G\DATA\BG112116\
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Acq On : 22 Nov 2016 6:52
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

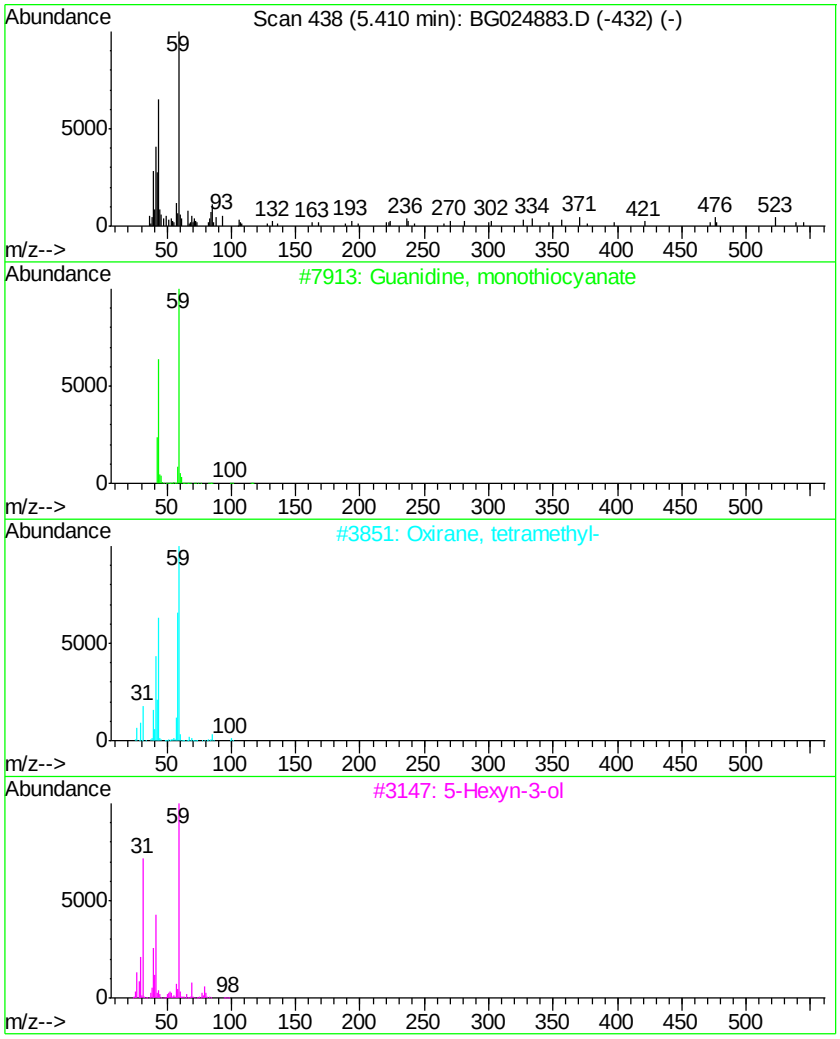
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

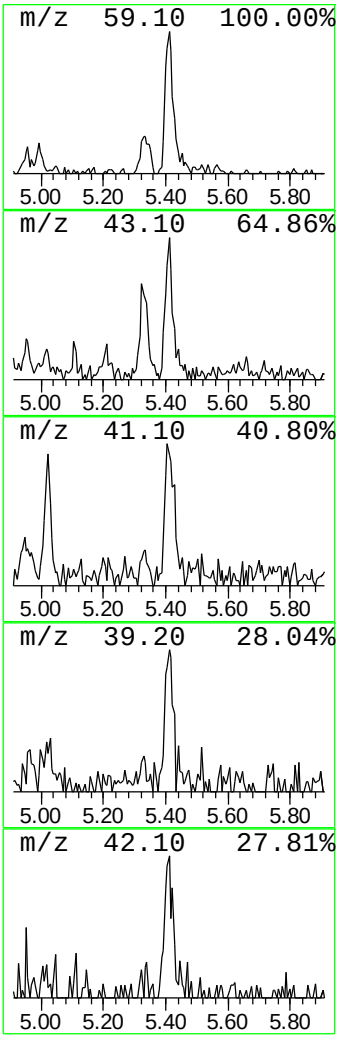
****

Peak Number 4 Guanidine, monothiocyanate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.41	2.19 ng/ul	99794	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guanidine, monothiocyanate	116	C2H4N4S	056960-89-5	53
2	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	53
3	5-Hexyn-3-ol	98	C6H10O	019780-84-8	53
4	3-Ethyl-2-methyl-2-heptanol	158	C10H22O	019780-59-7	53
5	Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112116\
Data File : BG024883.D
Acq On : 22 Nov 2016 6:52
Operator : UM/SJ
Sample : H5694-22 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSS9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one	3.31	5.2	ng/ul	234493	1	8.27	909428	20.0
Furan, tetrahydro...	3.39	5.2	ng/ul	237110	1	8.27	909428	20.0
Methacrylamide	4.16	3.3	ng/ul	149905	1	8.27	909428	20.0
Guanidine, monoth...	5.41	2.2	ng/ul	99794	1	8.27	909428	20.0