LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092319\
Data File : BG042915.D
Acq On : 23 Sep 2019 15:20
Operator : HP/JU
Sample : K4839-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PT-BN-WP

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092119.M
Title : ASP BNA STANDARDS FOR 5 POINT 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	11	17	25	rBV	150578	305279	4.66%	0.243%
2	3.265	25	30	47	rVB	619566	983966	15.02%	0.784%
3	3.876	129	134	148	rBV	372646	623556	9.52%	0.497%
4	5.668	431	439	449	rBV	1252115	2031815	31.01%	1.619%
5	7.255	700	709	725	rBV	1349797	2375982	36.26%	1.893%
6	7.625	763	772	780	rBV	1249841	2226169	33.97%	1.774%
7	7.972	822	831	841	rBV	1021097	1740498	26.56%	1.387%
8	8.118	843	856	865	rBV2	1237537	2523212	38.50%	2.010%
9	8.406	896	905	909	rBV	995522	2057576	31.40%	1.639%
10	8.618	932	941	948	rBV	409111	827628	12.63%	0.659%
11	8.888	977	987	998	rBV	842694	1380222	21.06%	1.100%
12	9.170	1026	1035	1041	rBV	1477456	2524780	38.53%	2.012%
13	9.246	1041	1048	1051	rVV	748675	1423417	21.72%	1.134%
14	9.288	1051	1055	1069	rVB	936713	1614777	24.64%	1.287%
15	9.805	1136	1143	1151	rBV	231992	406241	6.20%	0.324%
16	10.286	1217	1225	1235	rBV	295678	515151	7.86%	0.410%
17	10.751	1294	1304	1312	rBV	821877	1500023	22.89%	1.195%
18	10.886	1318	1327	1335	rBV	325980	621767	9.49%	0.495%
19	11.227	1374	1385	1397	rBV	2026696	3407531	52.00%	2.715%
20	12.537	1600	1608	1615	rBV	1622970	2785442	42.51%	2.219%
21	12.883	1660	1667	1676	rVB	1453693	2287797	34.91%	1.823%
22	13.330	1735	1743	1752	rBV	2184411	3517442	53.68%	2.803%
23	13.577	1778	1785	1798	rVB	835344	1386470	21.16%	1.105%
24	14.158	1877	1884	1896	rBV	2492092	3864968	58.98%	3.080%
25	14.276	1896	1904	1913	rVB	602226	927421	14.15%	0.739%
26	14.429	1921	1930	1946	rBV	2657134	4407281	67.26%	3.512%
27	14.699	1969	1976	1981	rBV	526198	852325	13.01%	0.679%
28	14.769	1981	1988	2000	rVB	3988757	6354104	96.97%	5.063%
29	15.057	2026	2037	2040	rBV	1203281	1878332	28.66%	1.497%
30	15.098	2040	2044	2054	rVB	2133269	3325561	50.75%	2.650%
31	15.516	2105	2115	2128	rBV	3339968	4560346	69.59%	3.634%
32	15.739	2146	2153	2163	rBV	2268357	3275516	49.99%	2.610%
33	15.950	2180	2189	2202	rBV	1144493	1653725	25.24%	1.318%
34	16.185	2220	2229	2241	rBV	1850285	2795782	42.66%	2.228%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092319\
Data File : BG042915.D
Acq On : 23 Sep 2019 15:20
Operator : HP/JU
Sample : K4839-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PT-BN-WP

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.749	2318	2325	2333	rBV	2041628	3081056	47.02%	2.455%
36	17.443	2434	2443	2453	rBV	731745	1124757	17.16%	0.896%
37	19.493	2785	2792	2802	rBV	2882446	4254337	64.92%	3.390%
38	19.852	2846	2853	2860	rBV	3004375	4567366	69.70%	3.639%
39	20.051	2881	2887	2898	rBV	4860611	6552984	100.00%	5.221%
40	20.745	2999	3005	3010	rBV	4537813	5446965	83.12%	4.340%
41	21.608	3146	3152	3158	rBV	2047366	2671504	40.77%	2.129%
42	21.714	3164	3170	3174	rBV2	784327	1392139	21.24%	1.109%
43	21.761	3174	3178	3185	rVB	1301321	2109292	32.19%	1.681%
44	22.831	3353	3360	3369	rVB	3289285	5882550	89.77%	4.687%
45	24.000	3548	3559	3573	rVB	2511323	6462709	98.62%	5.149%
46	24.952	3712	3721	3739	rVB2	477306	1513307	23.09%	1.206%
47	28.647	4335	4350	4367	rVB	714121	3185300	48.61%	2.538%
48	29.805	4530	4547	4566	rVB2	836870	4298458	65.60%	3.425%

Sum of corrected areas: 125504826

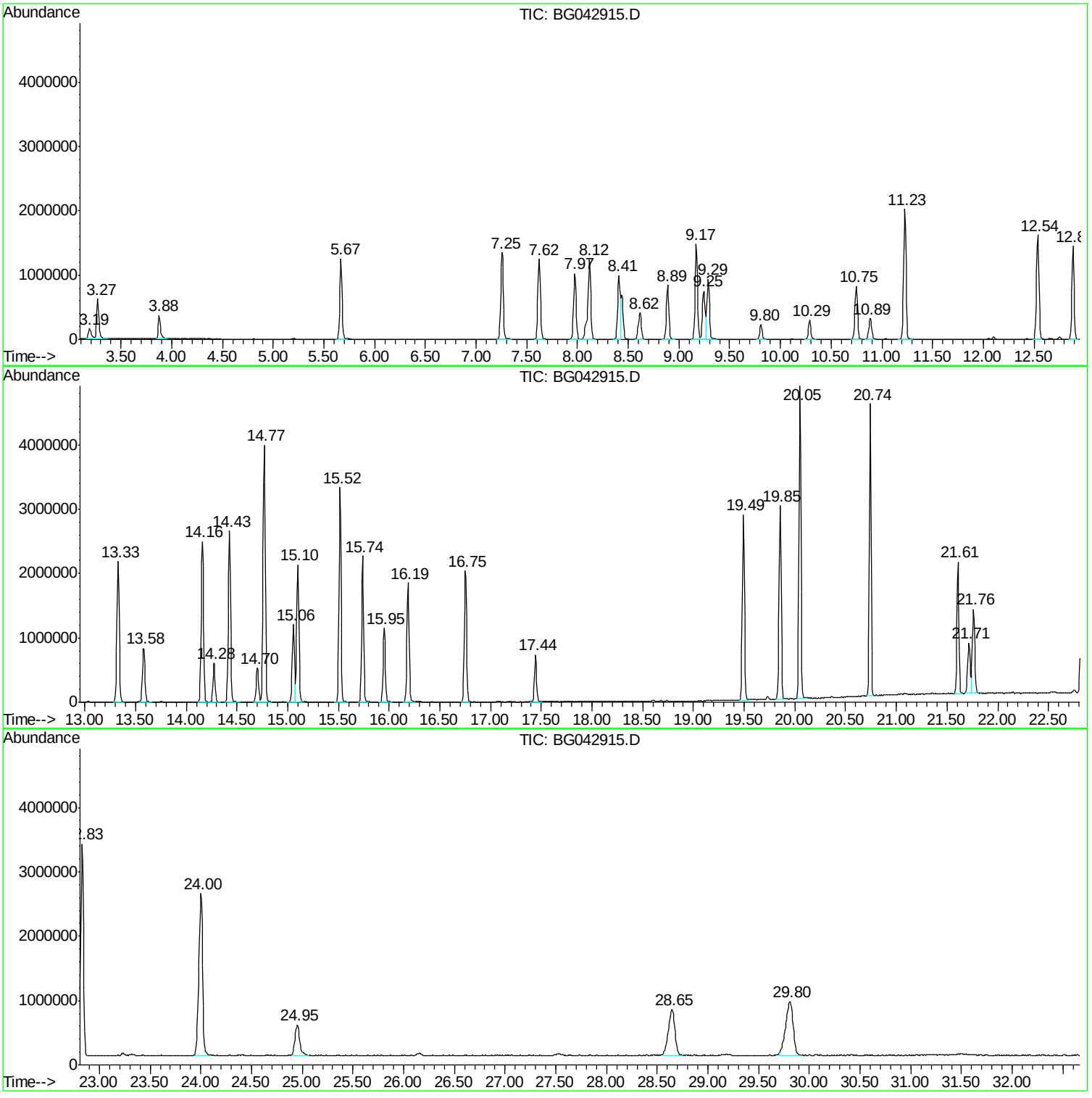
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092319\
Data File : BG042915.D
Acq On : 23 Sep 2019 15:20
Operator : HP/JU
Sample : K4839-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PT-BN-WP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092319\
Data File : BG042915.D
Acq On : 23 Sep 2019 15:20
Operator : HP/JU
Sample : K4839-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PT-BN-WP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

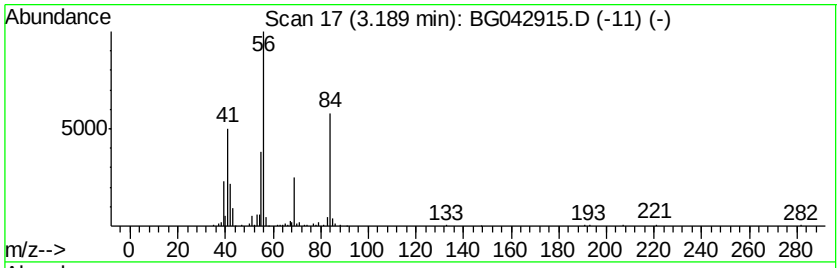
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

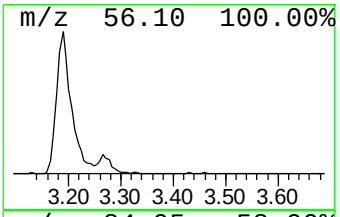
****

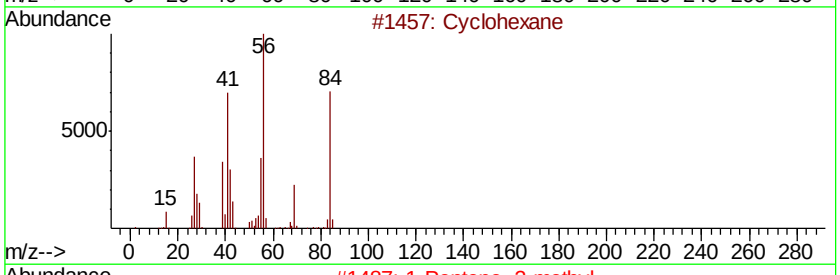
Peak Number 1 Cyclohexane Concentration Rank 3

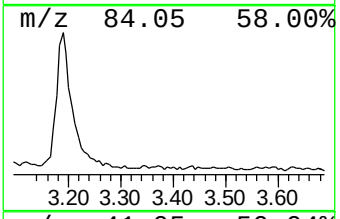
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	2.42 ng	305279	1,4-Dichlorobenzene-d4	8.08

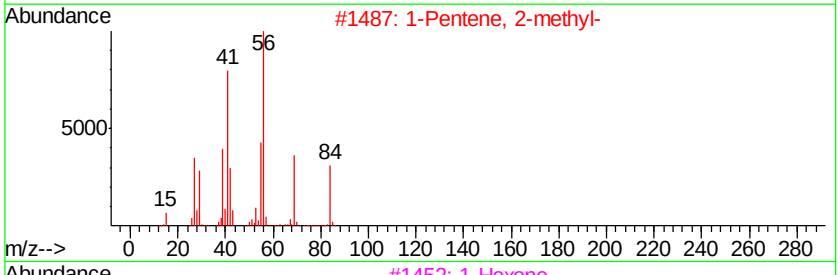
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78
3	1-Hexene	84	C6H12	000592-41-6	53
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	50
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	47

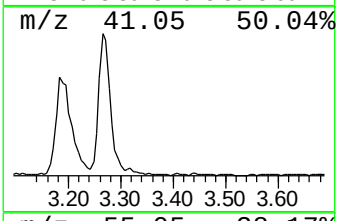


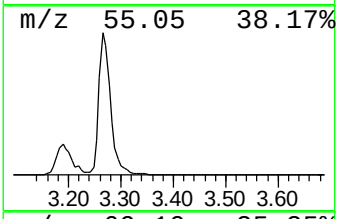


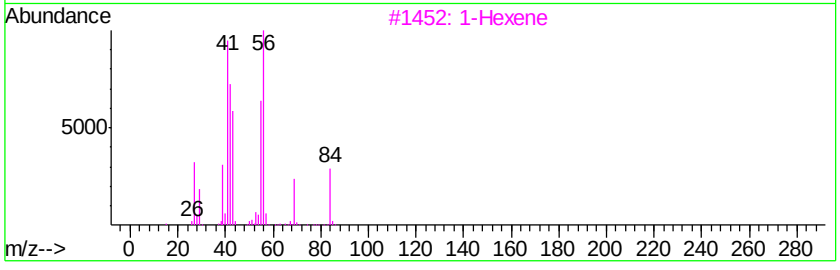


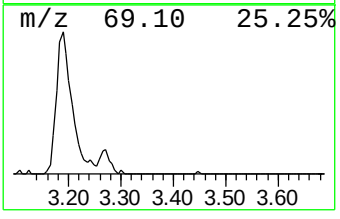












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092319\
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PT-BN-WP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

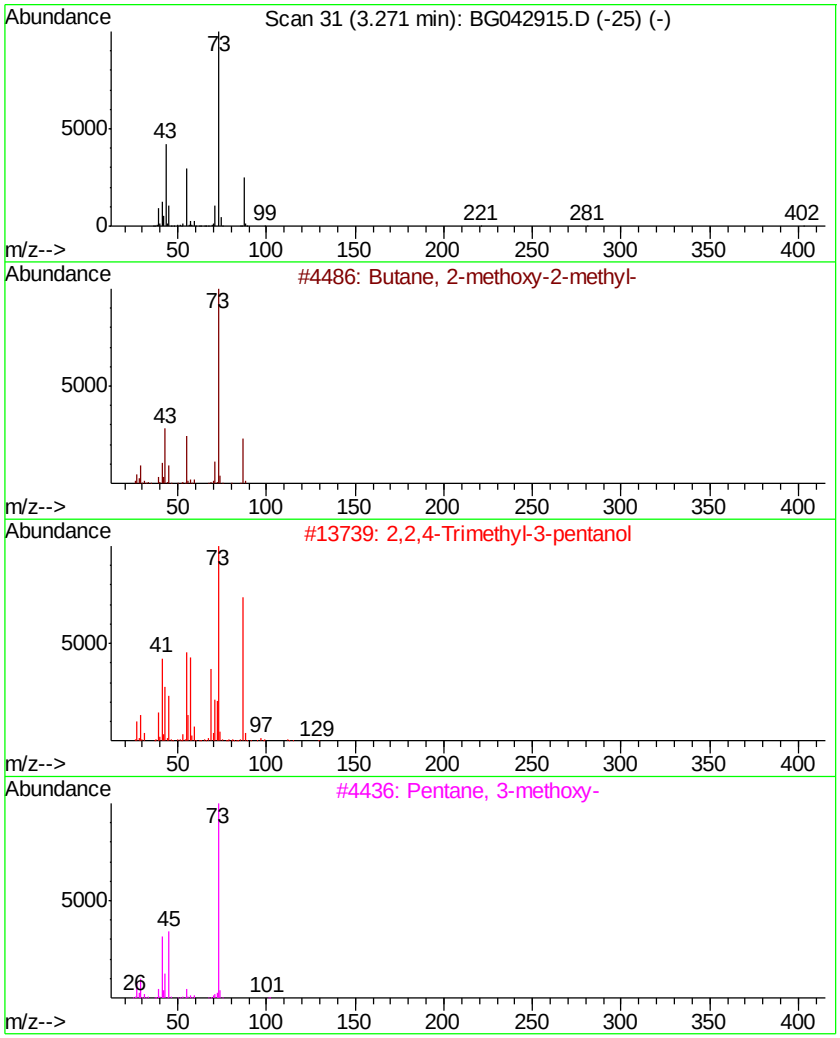
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

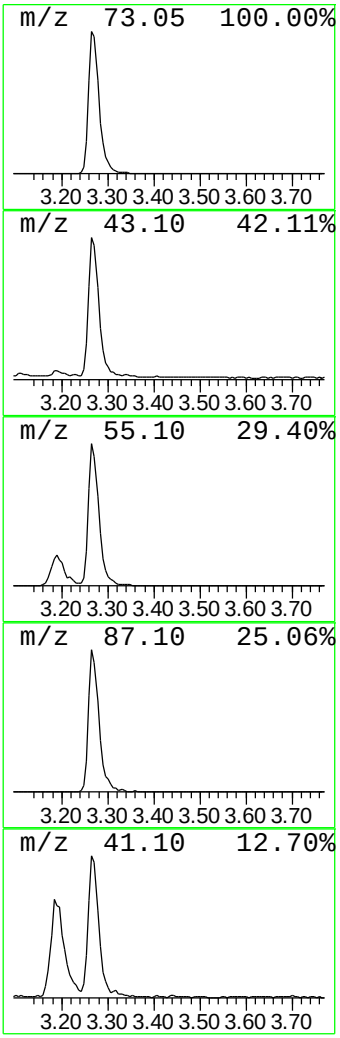
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	7.80 ng	983966	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092319\
Data File : BG042915.D
Acq On : 23 Sep 2019 15:20
Operator : HP/JU
Sample : K4839-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PT-BN-WP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

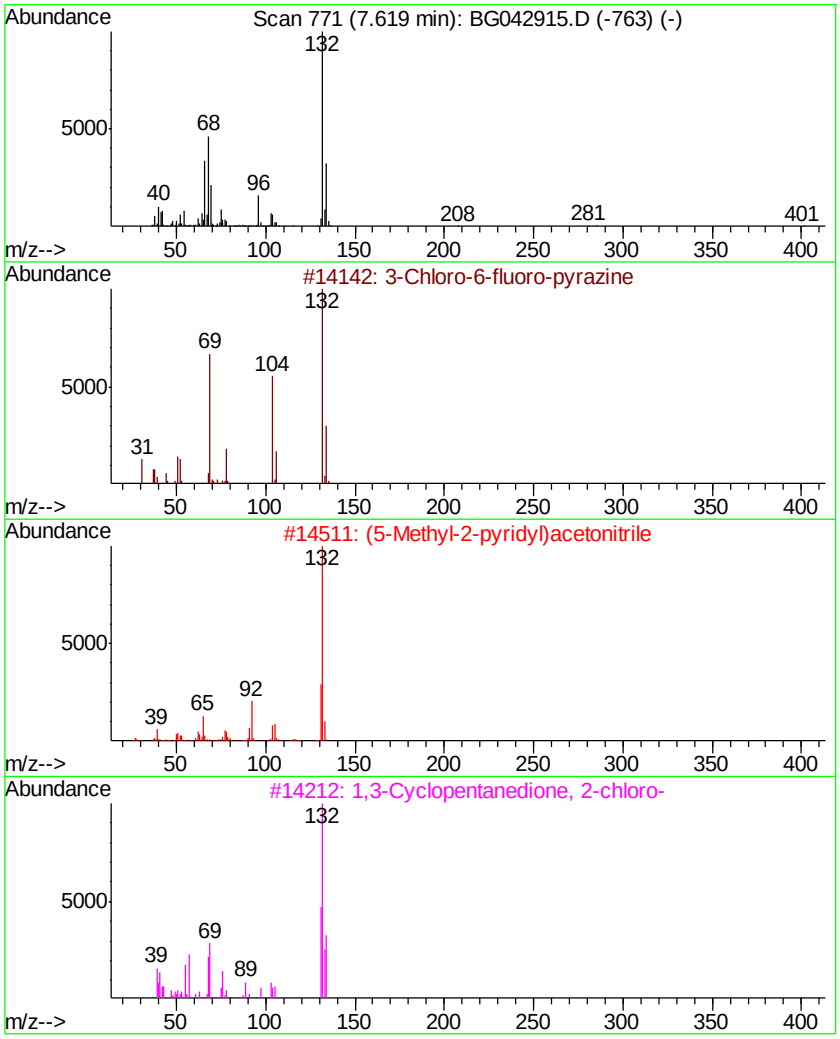
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

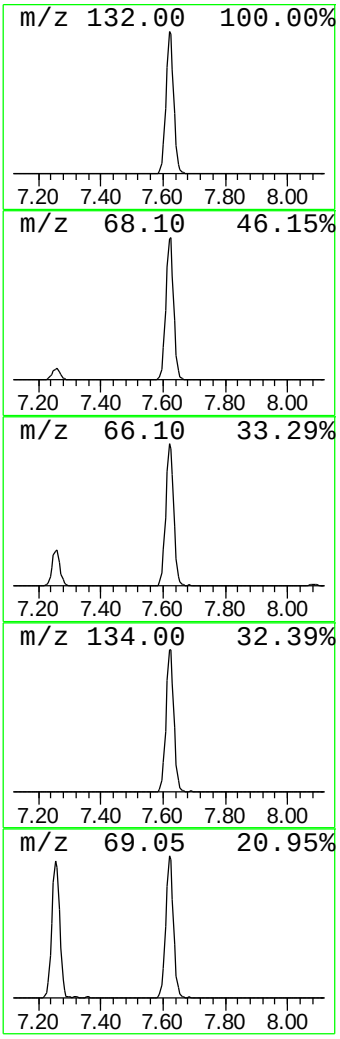
****

Peak Number 3 unknown7.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	17.65 ng	2226170	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	25
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092319\
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Instrument : BNA_G
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexane	3.19	2.4	ng	305279	1	8.08	2523210	20.0
Butane, 2-methoxy...	3.27	7.8	ng	983966	1	8.08	2523210	20.0
unknown7.62	7.62	17.6	ng	2226170	1	8.08	2523210	20.0