LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012115\
Data File : BG015912.D
Acq On : 21 Jan 2015 21:00
Operator : TP/IZ
Sample : G1100-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 8036

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:\HPCHEM1\BNA_G\METHODS\8270-BG012015.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	2.829	19	24	32	rBV2	270223	420123	1.84%	0.124%
2	2.905	32	37	41	rBV	601618	708534	3.11%	0.210%
3	3.510	135	140	150	rBV	909826	1251216	5.48%	0.371%
4	4.815	353	362	370	rBV	471126	687797	3.01%	0.204%
5	5.285	435	442	449	rBV	3238803	4510590	19.77%	1.336%
6	6.877	703	713	721	rBV	3488975	5381037	23.58%	1.594%
7	7.118	749	754	761	rVB	783565	1158517	5.08%	0.343%
8	7.224	765	772	781	rBV	3276569	5008998	21.95%	1.483%
9	7.576	825	832	839	rBV2	861697	1317387	5.77%	0.390%
10	7.688	845	851	852	rBV2	492559	627221	2.75%	0.186%
11	7.723	852	857	867	rVB	3963127	6137947	26.90%	1.818%
12	8.011	899	906	907	rBV	2226743	3404526	14.92%	1.008%
13	8.040	907	911	918	rVB	3452894	5765500	25.27%	1.708%
14	8.211	934	940	941	rBV	635455	865678	3.79%	0.256%
15	8.845	1040	1048	1052	rBV	2171545	3742482	16.40%	1.108%
16	8.886	1052	1055	1064	rVB	1488891	2195197	9.62%	0.650%
17	9.891	1220	1226	1233	rBV	2814124	4472870	19.60%	1.325%
18	10.338	1296	1302	1309	rVB	1722541	2711224	11.88%	0.803%
19	10.473	1314	1325	1335	rBV	661973	1148461	5.03%	0.340%
20	10.808	1375	1382	1389	rVB	4761512	7444394	32.63%	2.205%
21	12.141	1598	1609	1619	rBV	2895828	4549268	19.94%	1.347%
22	12.952	1740	1747	1754	rBV	5478655	8205335	35.96%	2.430%
23	13.199	1784	1789	1796	rVB	2148267	3251848	14.25%	0.963%
24	13.798	1885	1891	1898	rVB	4229525	6015027	26.36%	1.781%
25	13.922	1904	1912	1918	rBV2	3562554	5013120	21.97%	1.485%
26	14.051	1928	1934	1943	rBV	3218380	4898555	21.47%	1.451%
27	14.333	1975	1982	1987	rBV	1140981	1622628	7.11%	0.481%
28	14.397	1987	1993	2000	rVB	5430388	7715195	33.81%	2.285%
29	14.732	2043	2050	2057	rVB	6850335	10188219	44.65%	3.017%
30	15.379	2153	2160	2167	rBV2	4076025	5728043	25.10%	1.696%
31	15.596	2191	2197	2206	rBV	2543592	3435668	15.06%	1.018%
32	15.825	2229	2236	2243	rBV2	6402305	8712348	38.18%	2.580%
33	16.272	2306	2312	2318	rVB	6681815	8561224	37.52%	2.536%
34	16.389	2324	2332	2340	rVB	4812589	6726058	29.48%	1.992%

LSC Area Percent Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 8036

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
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.077	2443	2449	2457	rBV	1675737	2348770	10.29%	0.696%
36	17.218	2462	2473	2481	rBV	7394071	11129062	48.78%	3.296%
37	18.052	2609	2615	2620	rBV	5407637	6985842	30.62%	2.069%
38	19.139	2794	2800	2808	rBV	4046804	5391690	23.63%	1.597%
39	19.350	2831	2836	2841	rBV	3013293	3776626	16.55%	1.119%
40	19.509	2854	2863	2869	rBV	8739022	12586070	55.16%	3.728%
41	19.715	2891	2898	2903	rBV	13282028	17473183	76.58%	5.175%
42	20.408	3011	3016	3021	rBV	12827378	15564771	68.22%	4.610%
43	21.184	3143	3148	3154	rBV2	18525343	20885711	91.54%	6.186%
44	21.260	3154	3161	3167	rVV2	12975376	20792381	91.13%	6.158%
45	21.530	3203	3207	3215	rVB4	204526	271239	1.19%	0.080%
46	22.059	3292	3297	3307	rVB	7200186	9408203	41.23%	2.786%
47	22.852	3422	3432	3436	rBV	10253769	22816925	100.00%	6.758%
48	22.899	3436	3440	3449	rVB	10428499	16151930	70.79%	4.784%
49	23.434	3520	3531	3539	rBV	9980381	21864007	95.82%	6.475%
50	23.522	3539	3546	3555	rVB	1628041	3045271	13.35%	0.902%
51	25.814	3926	3936	3951	rBV2	1264378	3574442	15.67%	1.059%

Sum of corrected areas: 337648358

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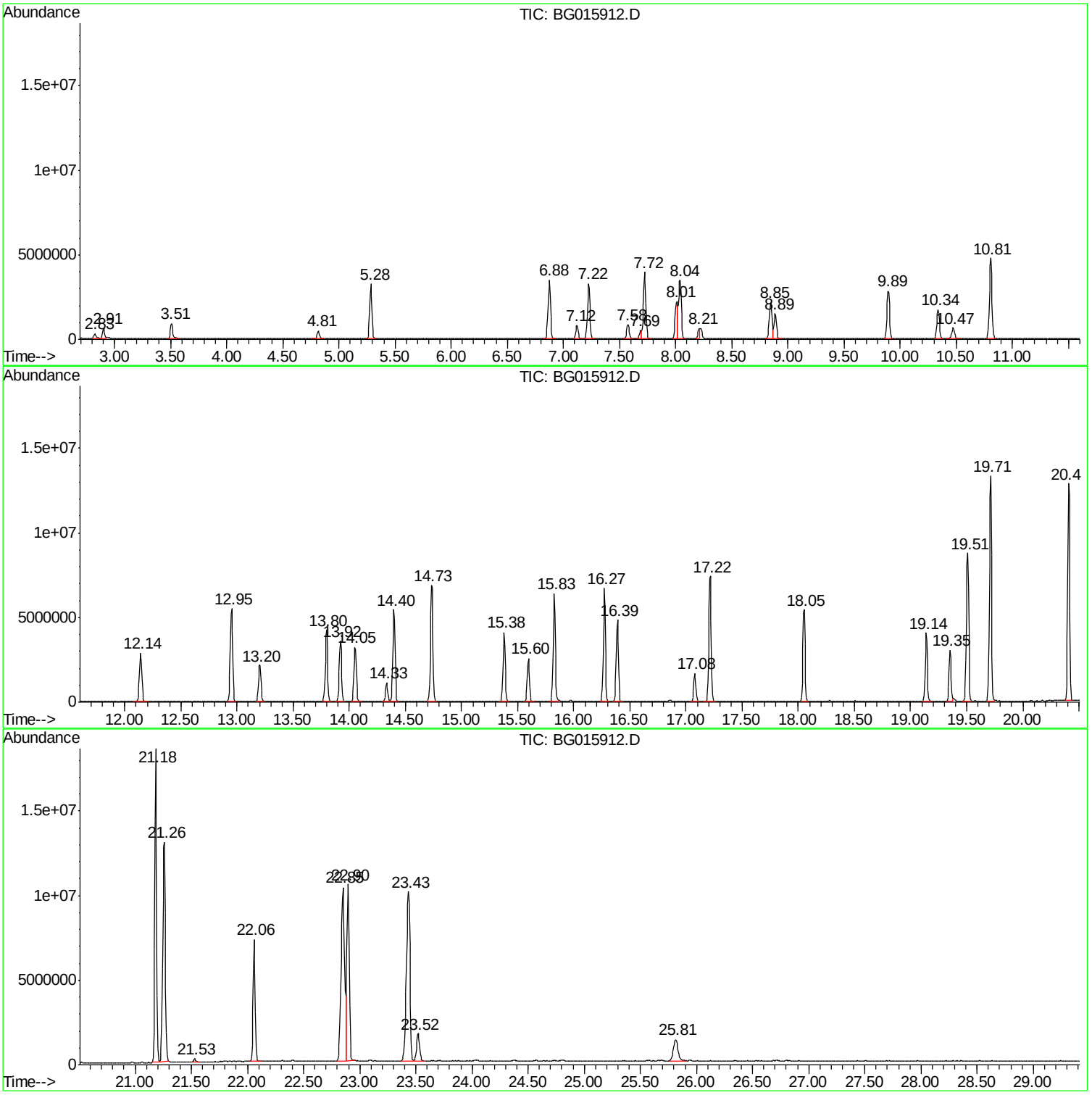
Instrument : BNA_G
ClientSampleId : 8036

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012115\
Data File : BG015912.D
Acq On : 21 Jan 2015 21:00
Operator : TP/IZ
Sample : G1100-14
Misc :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

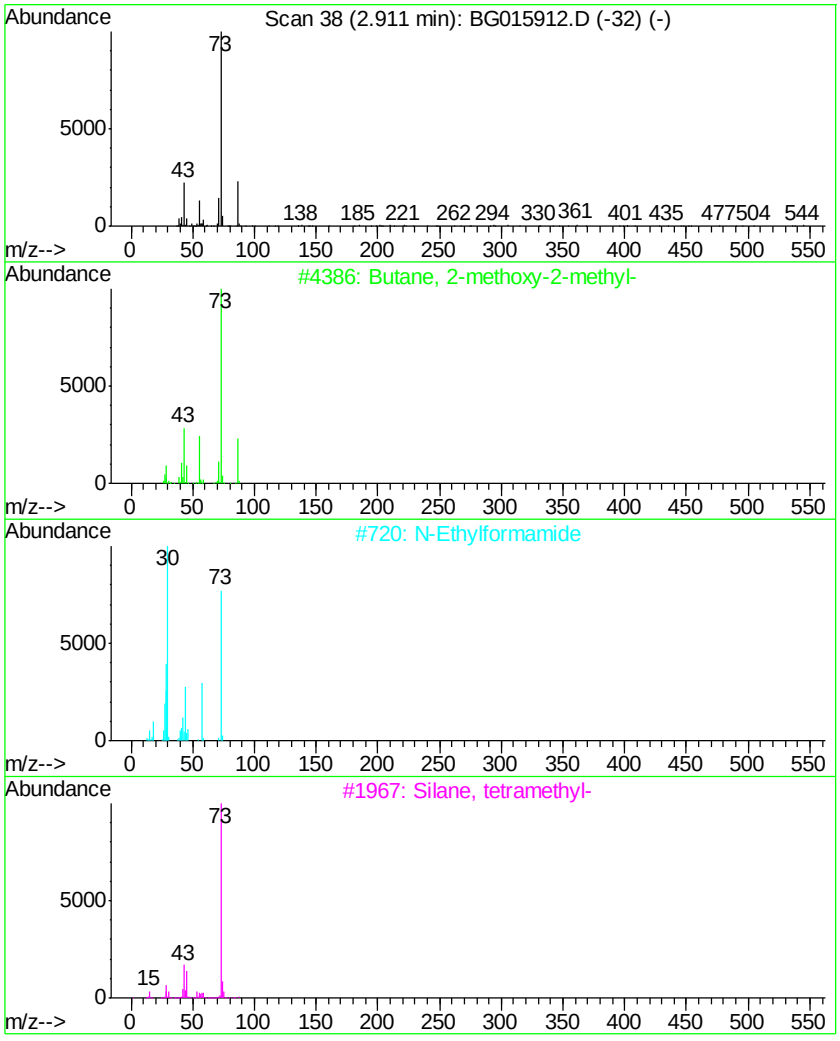
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

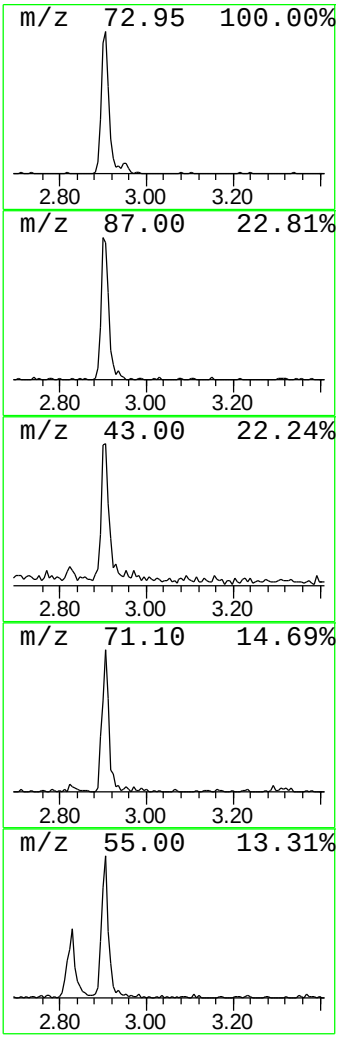
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.91	22.59 ng	708534	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9





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Acq On : 21 Jan 2015 21:00
Operator : TP/IZ
Sample : G1100-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 8036

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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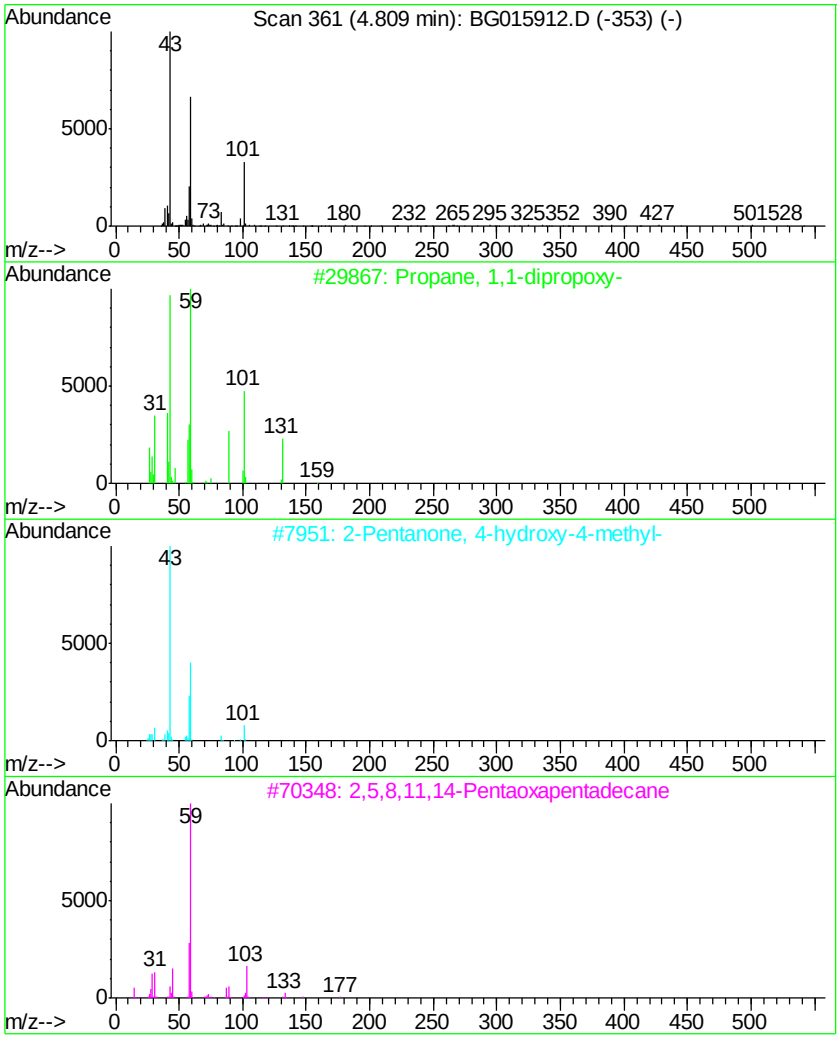
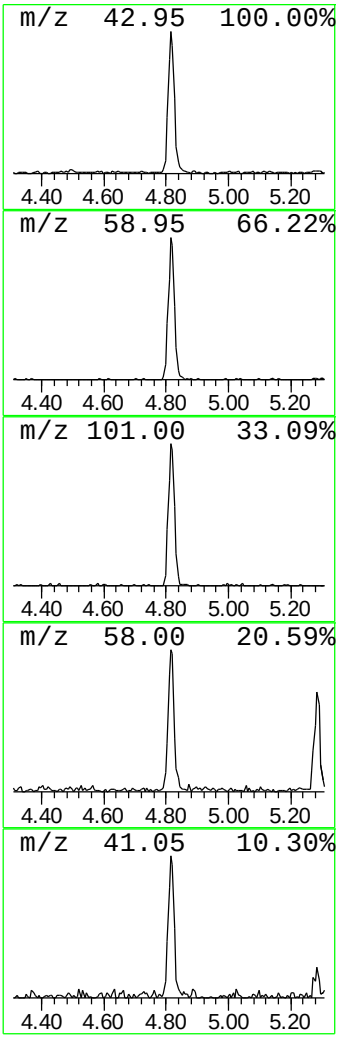
Peak Number 3 unknown4.81 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	21.93 ng	687797	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	39
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
3	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	33
4	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	33
5	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	28





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Sample : G1100-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 8036

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
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TIC Library : C:\DATABASE\NIST02.L
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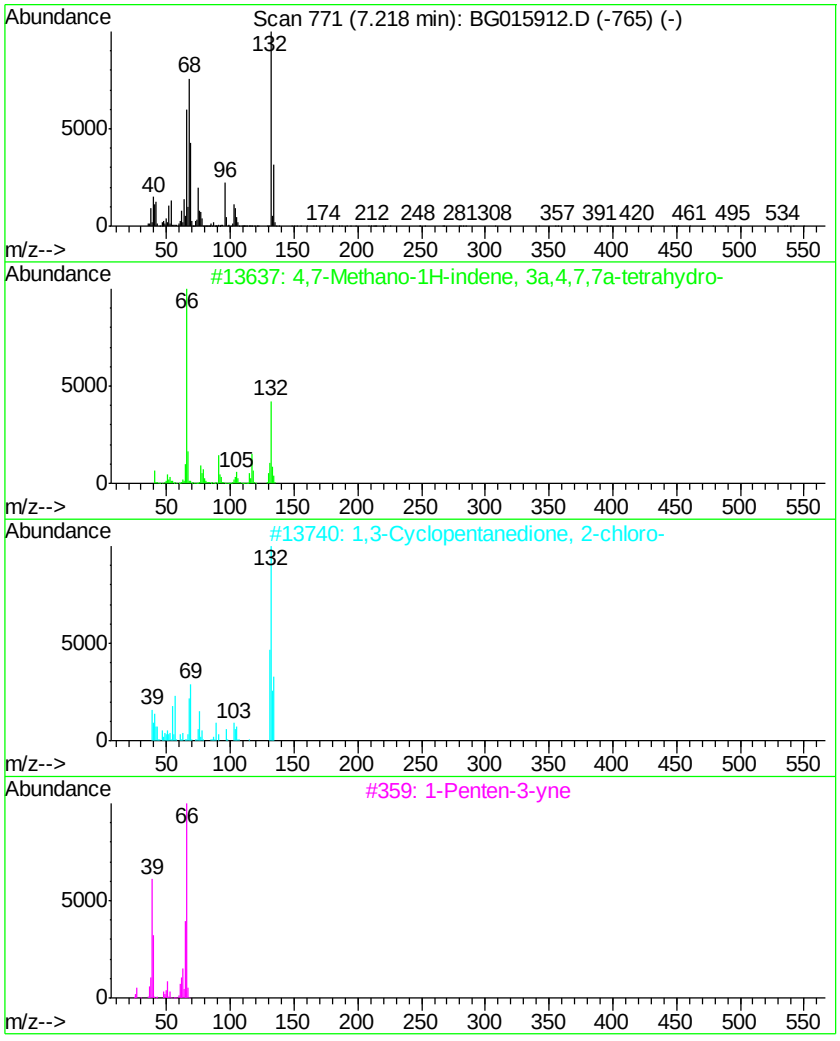
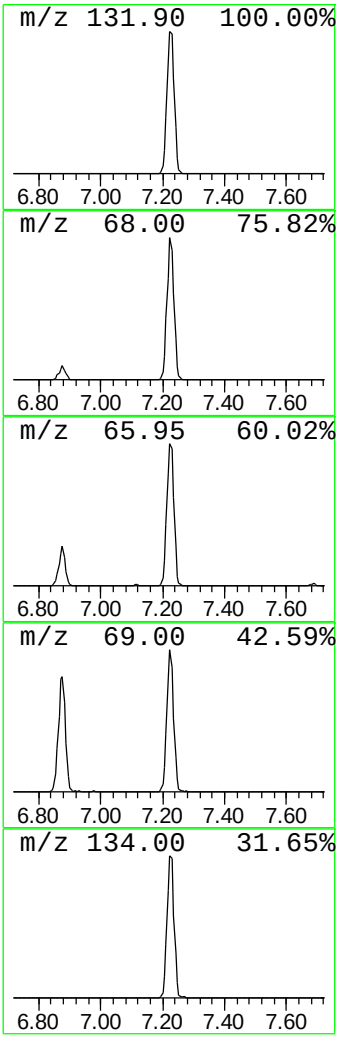
Peak Number 4 unknown7.22 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	159.72 ng	5009000	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indene, 3a,4,7,7a...	132	C10H12	000077-73-6	37
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
3	1-Penten-3-yne	66	C5H6	000646-05-9	22
4	3-Oxabicyclo[3.2.0]hept-6-ene-2,...	138	C7H6O3	064197-88-2	22
5	3-Hexenedinitrile	106	C6H6N2	001119-85-3	16





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Sample : G1100-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 8036

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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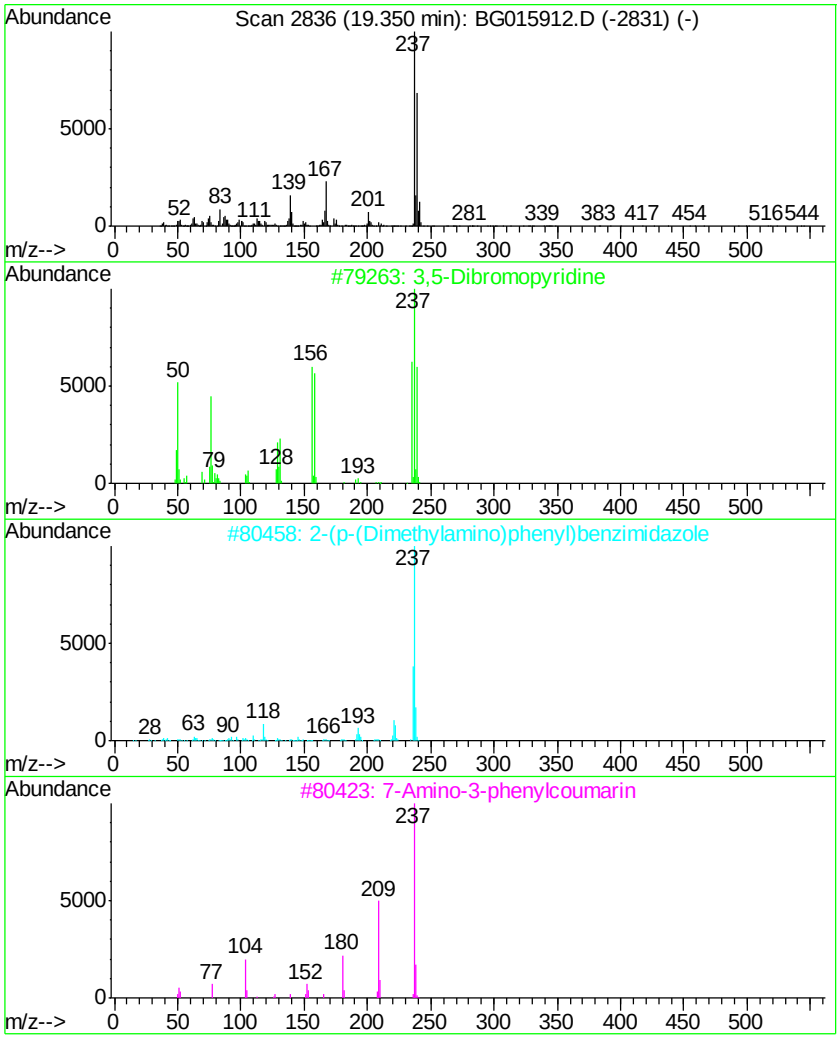
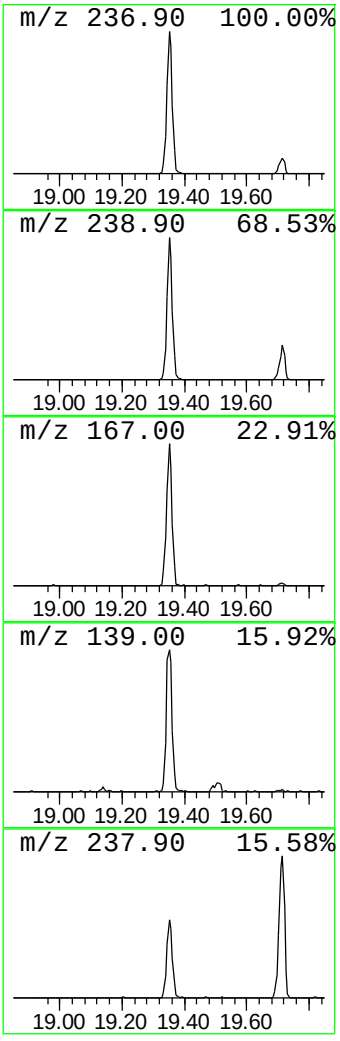
Peak Number 5 3,5-Dibromopyridine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	3.63 ng	3776630	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dibromopyridine	235	C5H3Br2N	000625-92-3	58
2	2-(p-(Dimethylamino)phenyl)benzi...	237	C15H15N3	002562-71-2	38
3	7-Amino-3-phenylcoumarin	237	C15H11NO2	004108-61-6	38
4	10-Chloro-9-anthronitrile	237	C15H8ClN	001213-82-7	38
5	2-Chloro-6-methoxyquinoline-4-ca...	237	C11H8ClNO3	020335-34-6	38





Tentatively Identified Compound (LSC) summary

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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...	2.91	22.6	ng	708534	1	7.69	627221	20.0
unknown4.81	4.81	21.9	ng	687797	1	7.69	627221	20.0
unknown7.22	7.22	159.7	ng	5009000	1	7.69	627221	20.0
3,5-Dibromopyridine	19.35	3.6	ng	3776630	5	21.27	20792400	20.0