LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015941.D
Acq On : 27 Jan 2015 10:53
Operator : TP/IZ
Sample : G1139-05
Misc : S
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B3

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	2.824	19	23	33	rVB2	147823	252995	2.32%	0.508%
2	2.901	33	36	41	rBV	180616	221180	2.03%	0.444%
3	4.810	357	361	366	rBV2	294265	405914	3.73%	0.815%
4	5.280	434	441	452	rBV	2191594	3116062	28.61%	6.258%
5	6.872	705	712	721	rBV	2244261	3613577	33.17%	7.257%
6	7.219	764	771	778	rBV	2173591	3396701	31.18%	6.821%
7	7.683	841	850	858	rBV	418758	684914	6.29%	1.375%
8	8.006	898	905	911	rVB	1505342	2408699	22.11%	4.837%
9	8.841	1041	1047	1055	rVB	1443889	2292323	21.04%	4.603%
10	10.468	1313	1324	1331	rBV	531271	980075	9.00%	1.968%
11	12.948	1739	1746	1752	rBV	3677207	5198414	47.72%	10.439%
12	13.159	1777	1782	1792	rVB3	69039	125614	1.15%	0.252%
13	13.788	1885	1889	1898	rVB2	368516	516912	4.75%	1.038%
14	14.229	1959	1964	1969	rVB3	100641	155188	1.42%	0.312%
15	14.328	1974	1981	1988	rVV2	887950	1383417	12.70%	2.778%
16	15.186	2121	2127	2131	rVB2	97837	112756	1.04%	0.226%
17	15.692	2209	2213	2219	rVB	175642	250671	2.30%	0.503%
18	15.827	2228	2236	2244	rBV	3832431	5677316	52.12%	11.401%
19	16.050	2269	2274	2276	rBV4	117030	164606	1.51%	0.331%
20	16.890	2414	2417	2427	rVB10	52998	115413	1.06%	0.232%
21	17.078	2440	2449	2455	rBV	1451783	2034170	18.67%	4.085%
22	17.202	2461	2470	2475	rVB	76672	167610	1.54%	0.337%
23	19.710	2891	2897	2903	rBV	8598019	10893343	100.00%	21.875%
24	20.974	3109	3112	3116	rBV6	124616	179494	1.65%	0.360%
25	21.179	3143	3147	3151	rVB2	142529	128016	1.18%	0.257%
26	21.267	3156	3162	3168	rBV	2069337	2744637	25.20%	5.512%
27	23.518	3538	3545	3553	rBV2	1256590	2577051	23.66%	5.175%

Sum of corrected areas: 49797068

LSC Report - Integrated Chromatogram

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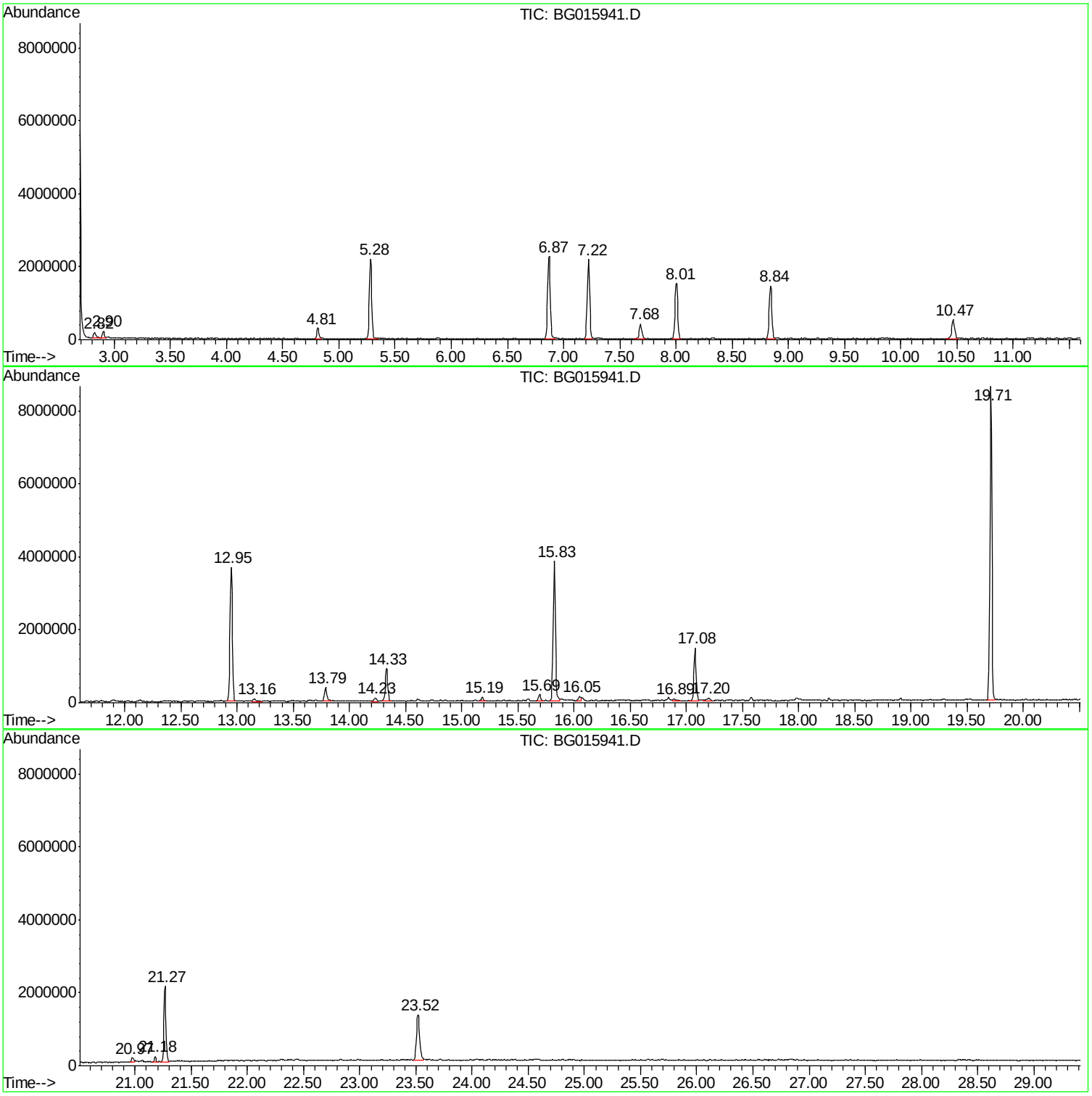
Operator : TP/IZ
Sample : G1139-05
Misc : S
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B3

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\BG012615\
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Operator : TP/IZ
Sample : G1139-05
Misc : S
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B3

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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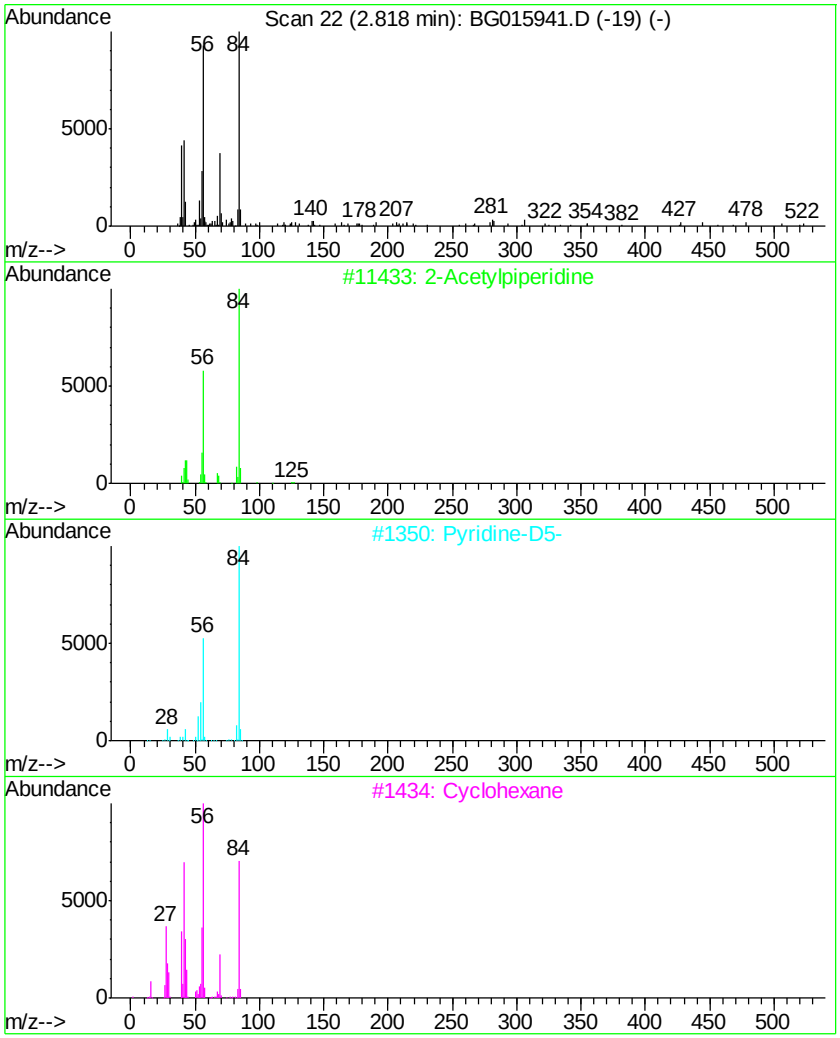
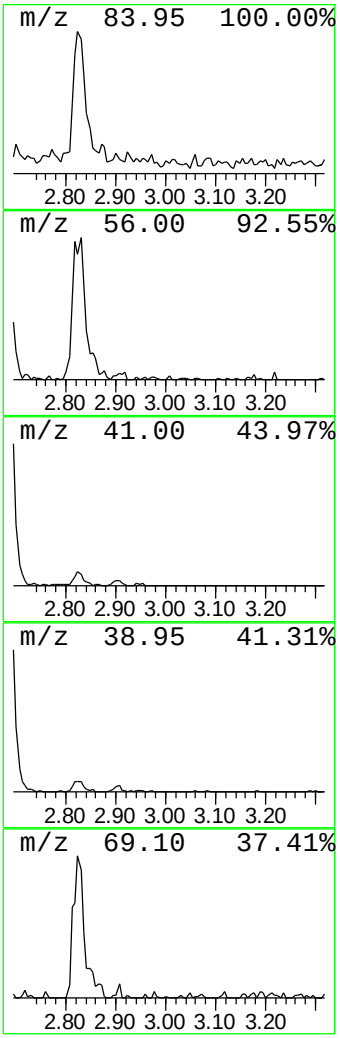
Peak Number 1 2-Acetylpiperidine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.82	7.39 ng	252995	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetylpiperidine	127	C7H13NO	097073-22-8	83
2	Pyridine-D5-	84	C5D5N	007291-22-7	72
3	Cyclohexane	84	C6H12	000110-82-7	72
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	56
5	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	56





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015941.D
Acq On : 27 Jan 2015 10:53
Operator : TP/IZ
Sample : G1139-05
Misc : S
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B3

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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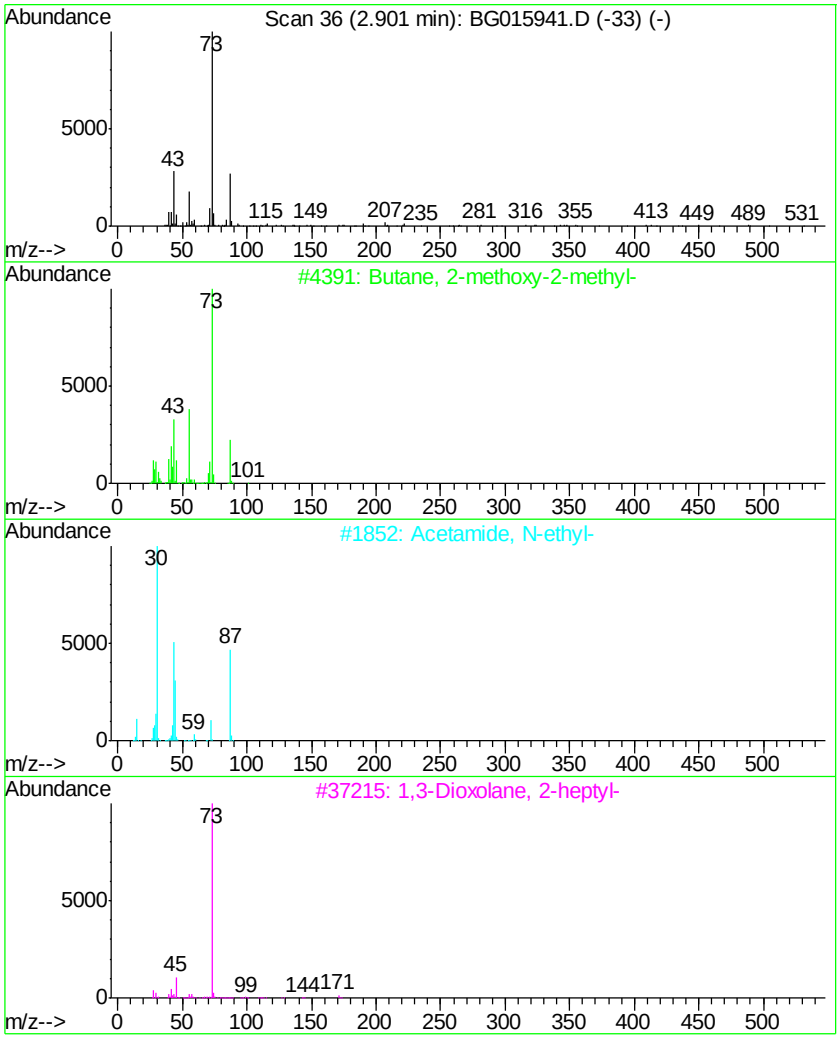
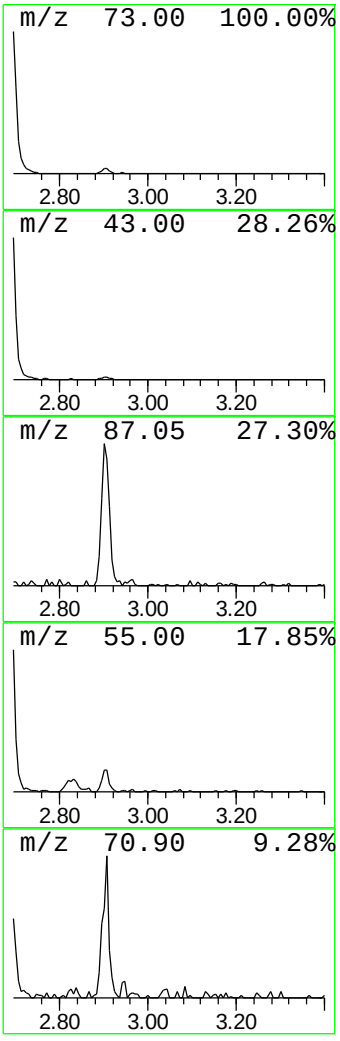
Peak Number 2 unknown2.90 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.90	6.46 ng	221180	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	40
2	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10
3	1,3-Dioxolane, 2-heptyl-	172	C10H20O2	004359-57-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015941.D
Acq On : 27 Jan 2015 10:53
Operator : TP/IZ
Sample : G1139-05
Misc : S
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B3

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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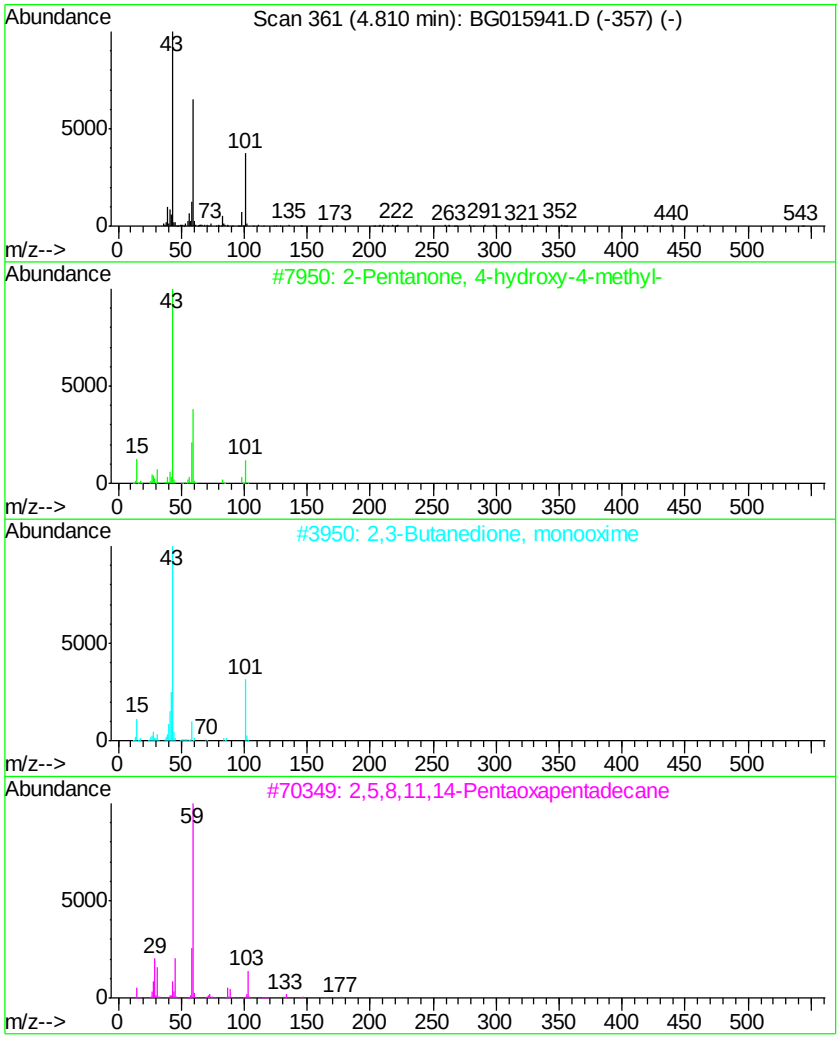
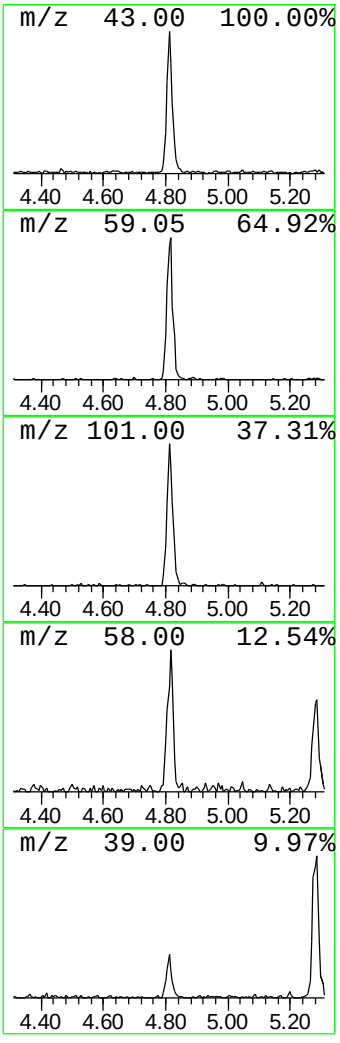
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	11.85 ng	405914	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	23
4	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	23
5	3-Tridecanol	200	C13H28O	010289-68-6	23





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Sample : G1139-05
Misc : S
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B3

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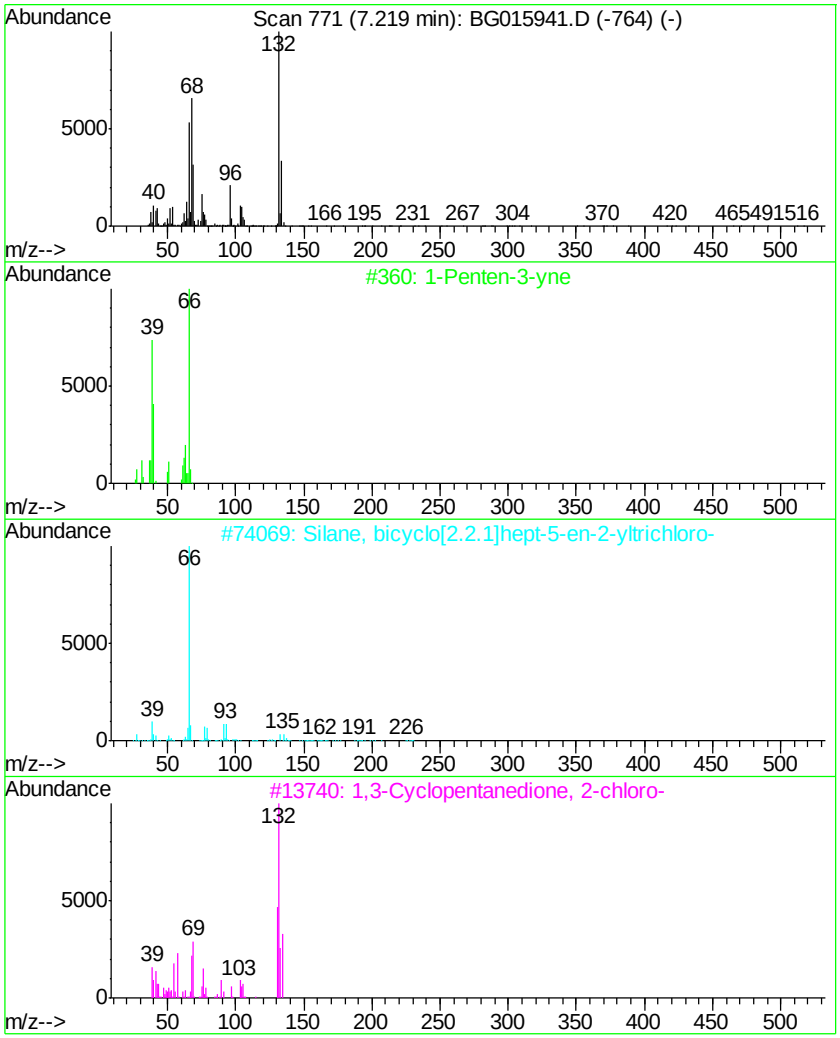
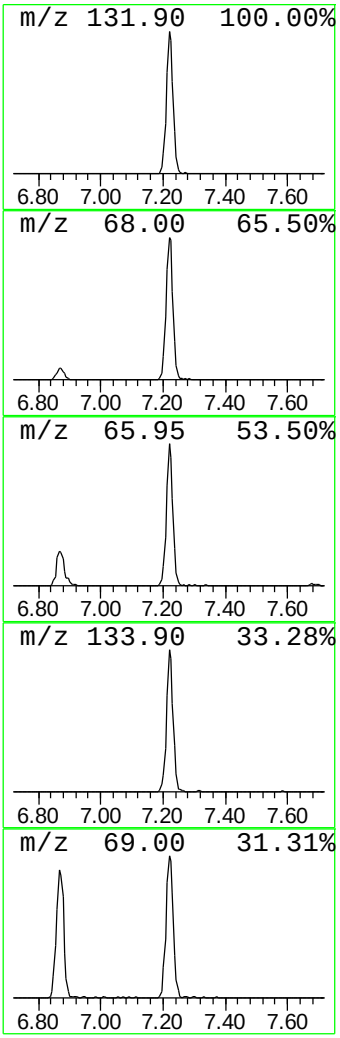
Peak Number 4 unknown7.22 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	99.19 ng	3396700	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-yne	66	C5H6	000646-05-9	38
2	Silane, bicyclo[2.2.1]hept-5-en-...	226	C7H9Cl3Si	014319-64-3	25
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
4	3-Oxabicyclo[3.2.0]hept-6-ene-2,...	138	C7H6O3	064197-88-2	17
5	Bicyclo[2.2.1]hept-2-ene, 5,6-bi...	190	C9H12Cl2	005992-56-3	17





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
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Sample : G1139-05
Misc : S
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B3

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

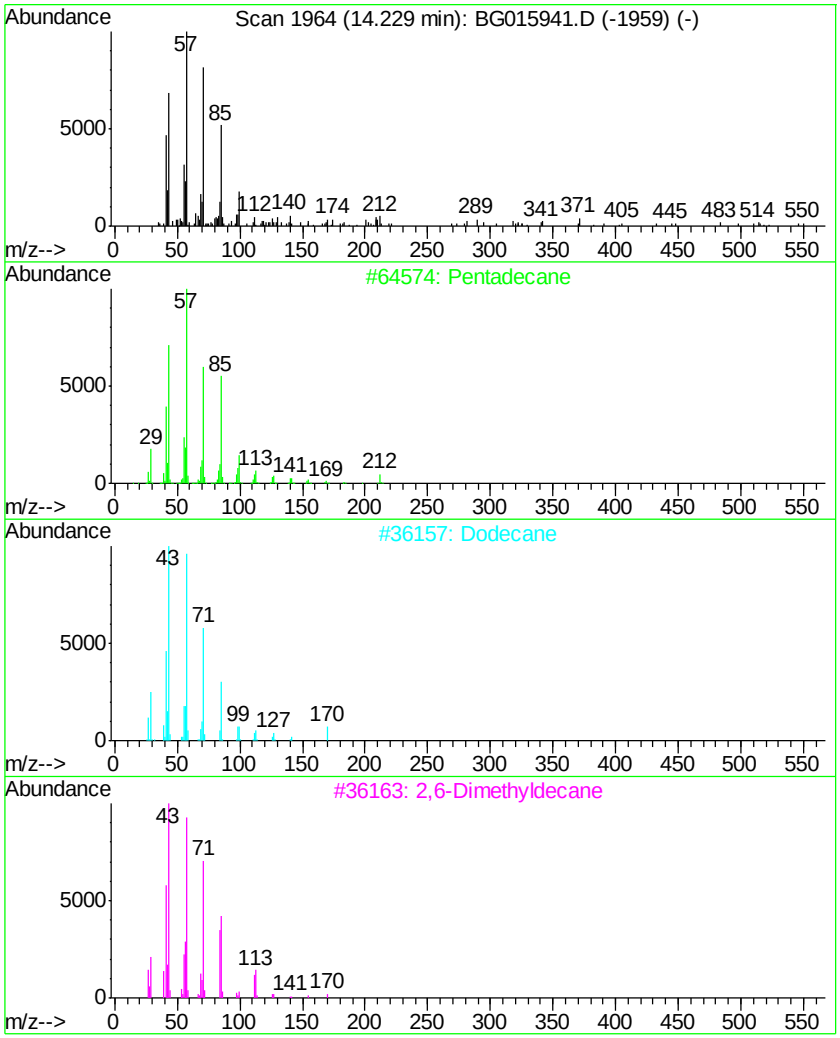
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

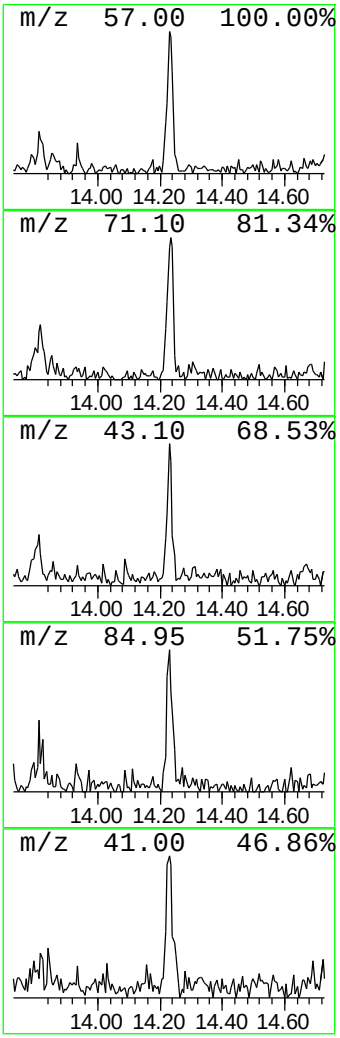
****

Peak Number 6 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	2.24 ng	155188	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Dodecane	170	C12H26	000112-40-3	83
3	2,6-Dimethyldecane	170	C12H26	013150-81-7	80
4	Octadecane	254	C18H38	000593-45-3	72
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72





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Sample : G1139-05
Misc : S
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B3

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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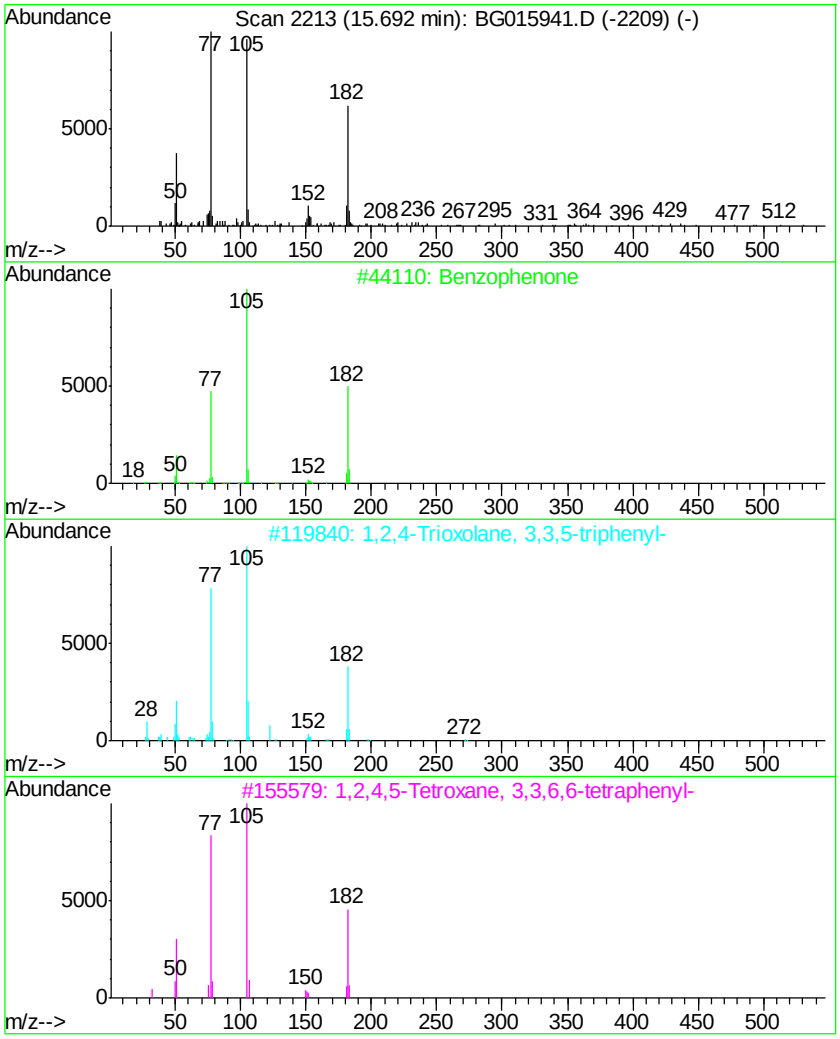
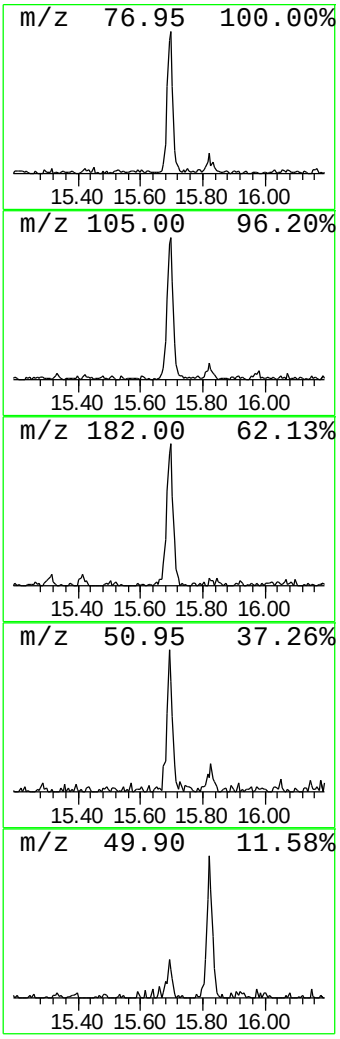
Peak Number 7 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	3.62 ng	250671	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	87
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	78
3	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
4	Azobenzene	182	C12H10N2	000103-33-3	64
5	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	42





Tentatively Identified Compound (LSC) summary

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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Acetylpiperidine	2.82	7.4	ng	252995	1	7.68	684914	20.0
unknown2.90	2.90	6.5	ng	221180	1	7.68	684914	20.0
2-Pentanone, 4-hy...	4.81	11.9	ng	405914	1	7.68	684914	20.0
unknown7.22	7.22	99.2	ng	3396700	1	7.68	684914	20.0
Pentadecane	14.23	2.2	ng	155188	3	14.33	1383420	20.0
Benzophenone	15.69	3.6	ng	250671	3	14.33	1383420	20.0