LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051915\
Data File : BG017209.D
Acq On : 19 May 2015 21:35
Operator : TP/IZ
Sample : G2282-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-01-D1

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-BG051315.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	2.776	11	15	23	rVB2	87125	148361	3.61%	0.756%
2	2.882	24	33	38	rVB	435156	662219	16.11%	3.373%
3	4.809	353	361	368	rVB	330818	452978	11.02%	2.308%
4	5.291	437	443	451	rBV	937764	1297933	31.58%	6.612%
5	5.884	538	544	552	rVB	30087	45351	1.10%	0.231%
6	6.895	706	716	730	rBV	854525	1301959	31.68%	6.632%
7	7.235	767	774	783	rBV	984004	1546769	37.64%	7.879%
8	7.694	846	852	859	rVB	171997	260748	6.34%	1.328%
9	8.017	900	907	917	rVB	679812	1071615	26.07%	5.459%
10	8.857	1042	1050	1057	rBV	598053	971706	23.64%	4.950%
11	10.490	1320	1328	1335	rBV	212121	345593	8.41%	1.760%
12	12.970	1743	1750	1756	rBV	1383736	1982679	48.24%	10.100%
13	14.351	1979	1985	1994	rBV3	309735	465972	11.34%	2.374%
14	15.849	2233	2240	2254	rBV	1410153	1999066	48.64%	10.183%
15	17.100	2447	2453	2460	rBV2	465489	640774	15.59%	3.264%
16	19.357	2831	2837	2846	rBV	405061	544857	13.26%	2.776%
17	19.738	2896	2902	2911	rBV	3220680	4109895	100.00%	20.936%
18	19.985	2939	2944	2949	rBV2	65671	96414	2.35%	0.491%
19	20.485	3023	3029	3033	rBV	101983	135269	3.29%	0.689%
20	21.290	3160	3166	3173	rBV	596189	798114	19.42%	4.066%
21	23.552	3544	3551	3558	rBV2	392593	752197	18.30%	3.832%

Sum of corrected areas: 19630469

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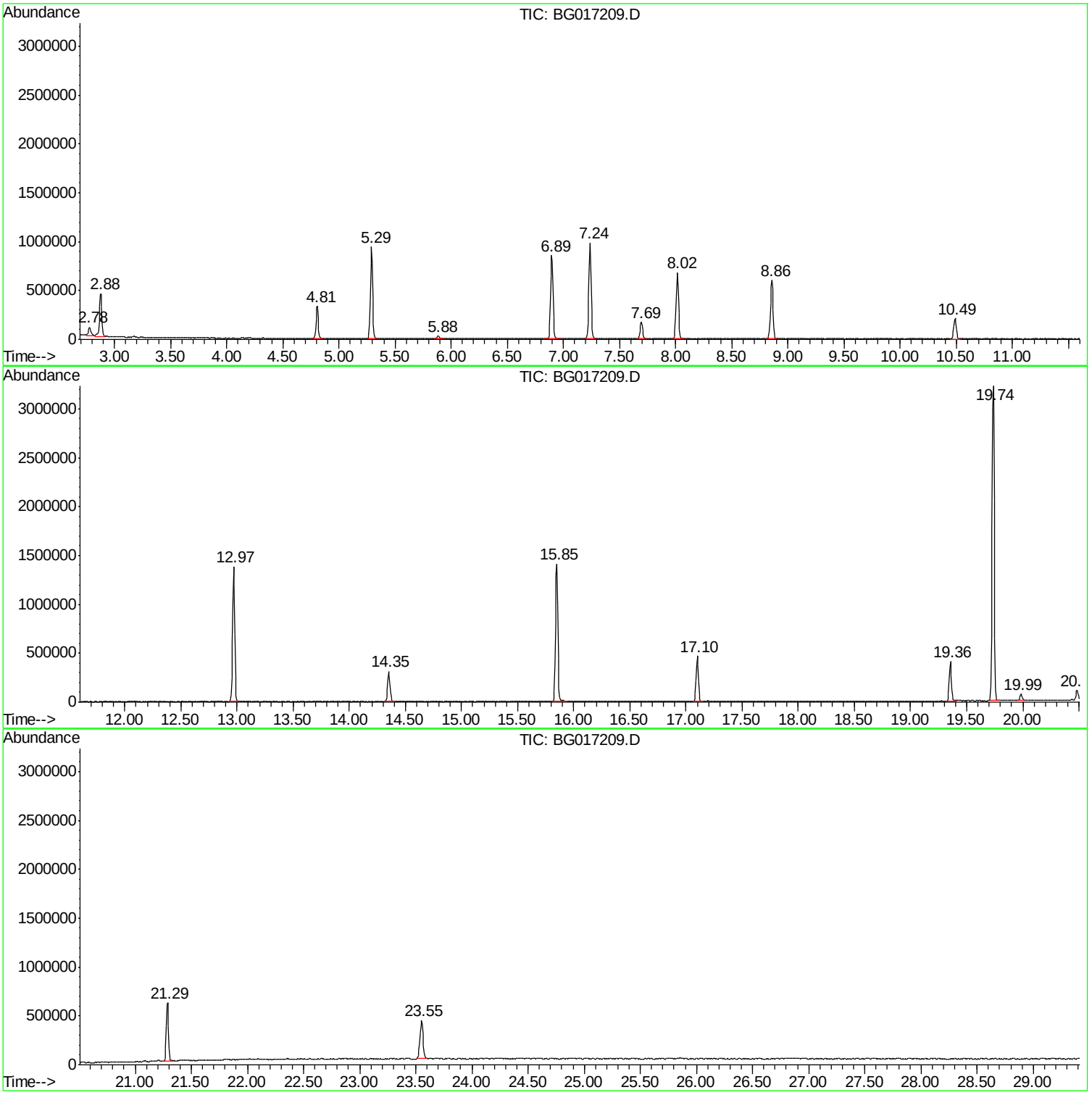
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-01-D1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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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Data File : BG017209.D
Acq On : 19 May 2015 21:35
Operator : TP/IZ
Sample : G2282-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-01-D1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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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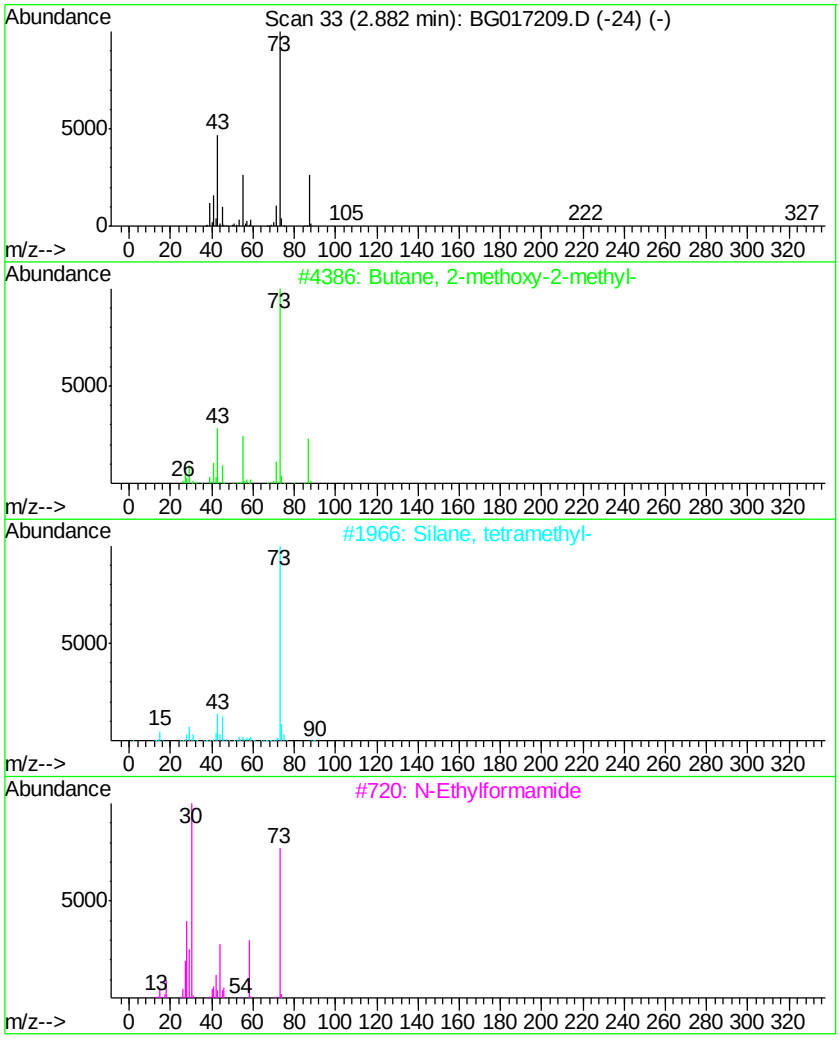
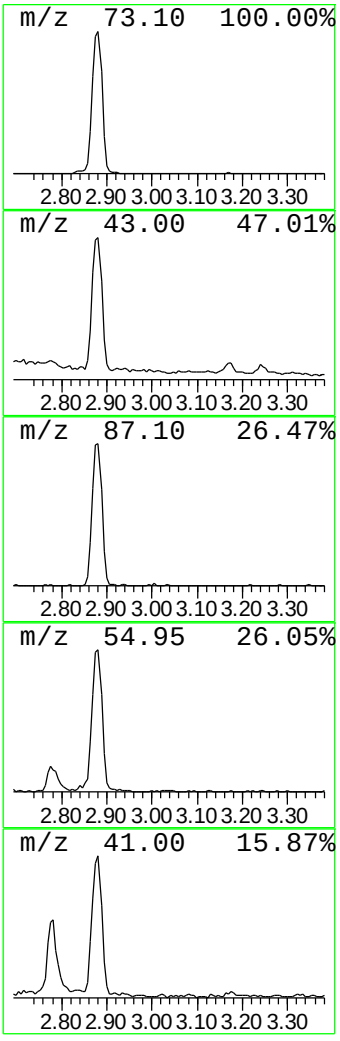
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	50.79 ng	662219	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	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	1,4-Butanediamine	88	C4H12N2	000110-60-1	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051915\
Data File : BG017209.D
Acq On : 19 May 2015 21:35
Operator : TP/IZ
Sample : G2282-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-01-D1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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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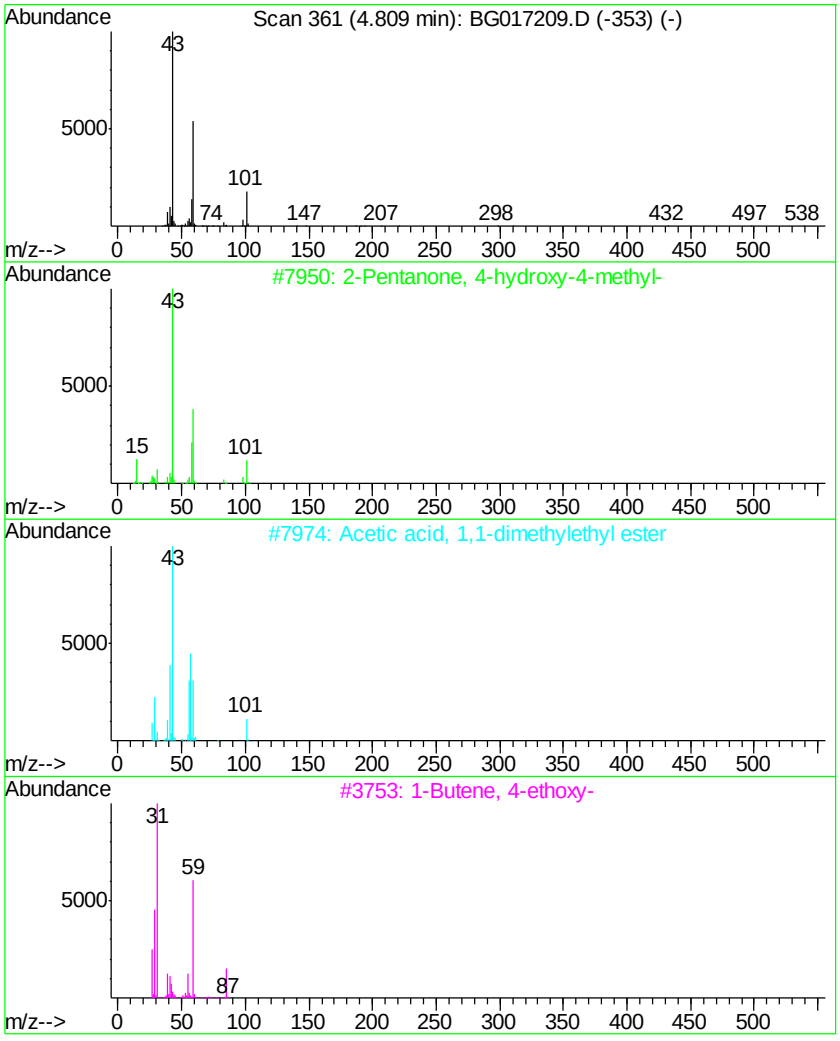
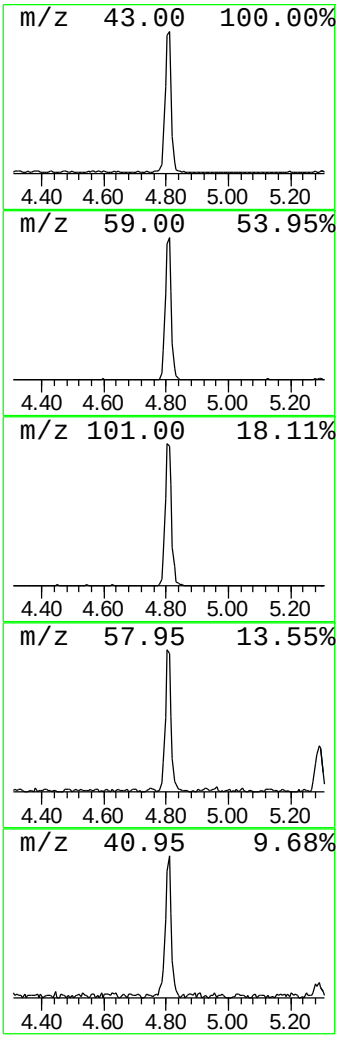
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	34.74 ng	452978	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	23
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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Data File : BG017209.D
Acq On : 19 May 2015 21:35
Operator : TP/IZ
Sample : G2282-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-01-D1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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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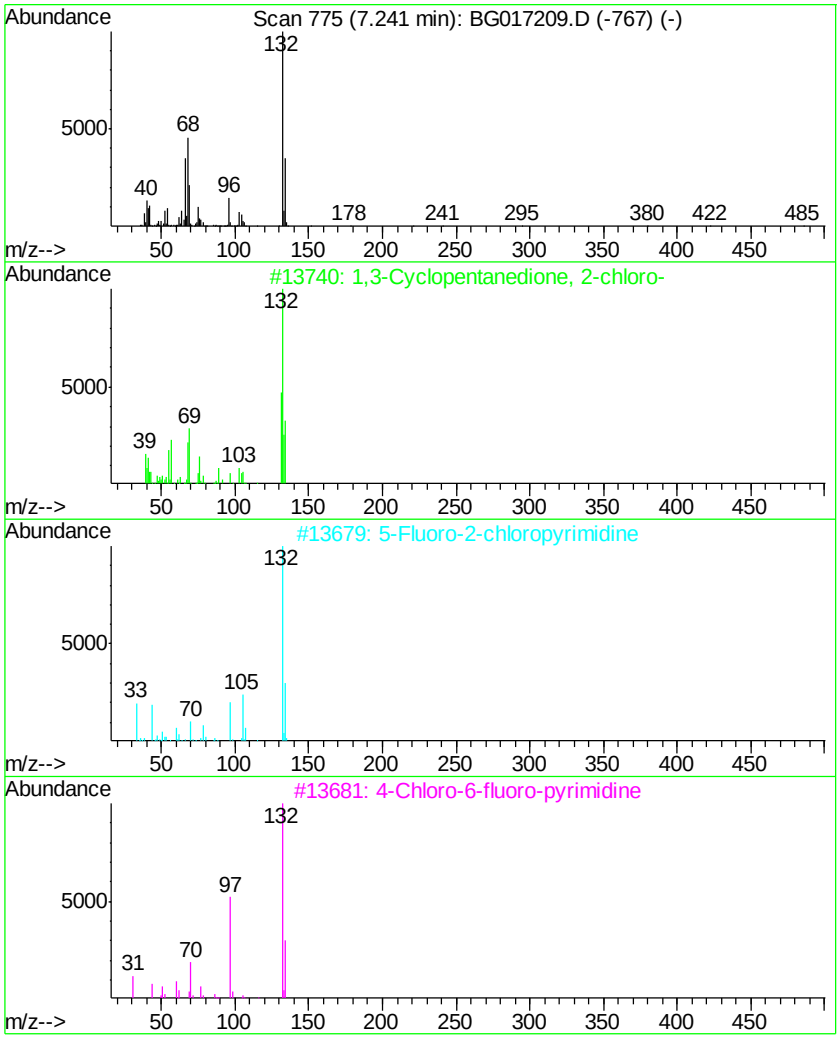
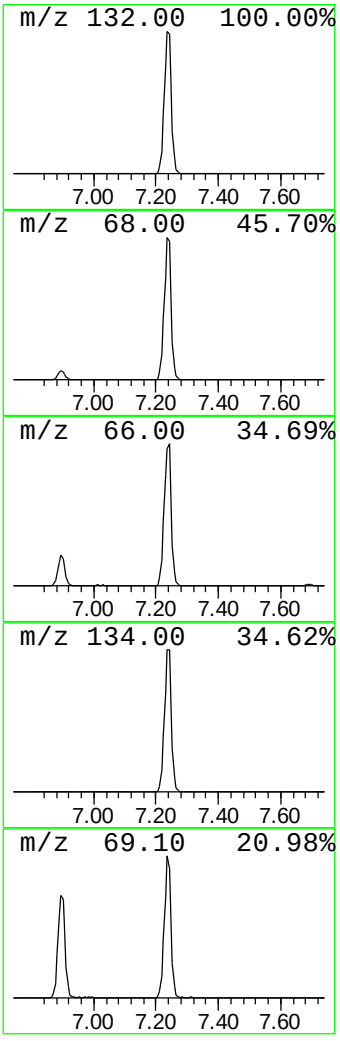
Peak Number 5 unknown7.24 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	118.64 ng	1546770	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	27
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25





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Sample : G2282-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-01-D1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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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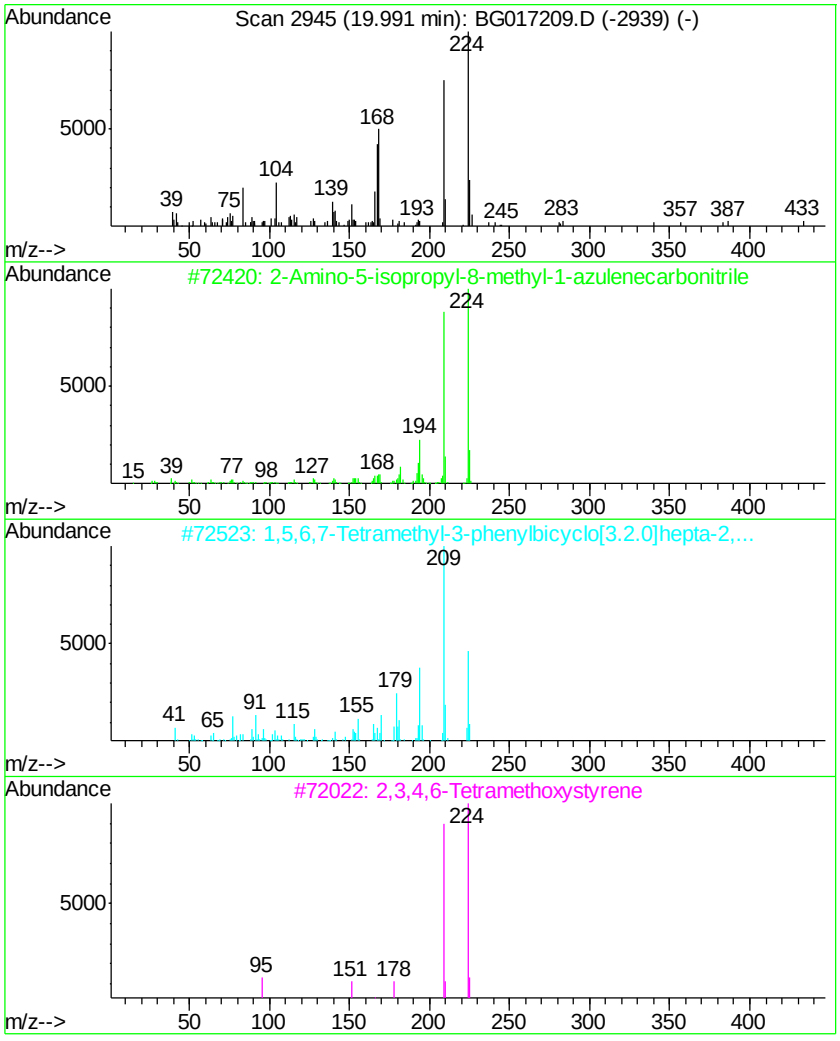
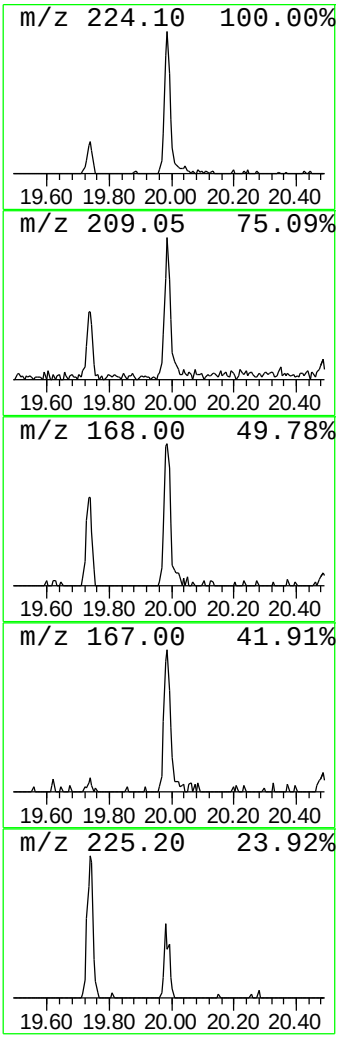
Peak Number 7 2-Amino-5-isopropyl-8-methy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	2.42 ng	96414	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-5-isopropyl-8-methyl-1-a...	224	C15H16N2	093946-48-6	58
2	1,5,6,7-Tetramethyl-3-phenylbicy...	224	C17H20	126584-00-7	50
3	2,3,4,6-Tetramethoxystyrene	224	C12H16O4	048153-74-8	50
4	3-(3-Indolyl)-5-oxo-3-pyrazoline...	224	C12H8N4O	1000240-73-4	27
5	Dibenzo[d,f]-1,3,2-dioxaborepine...	224	C14H13BO2	1000160-51-1	27





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Sample : G2282-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-01-D1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

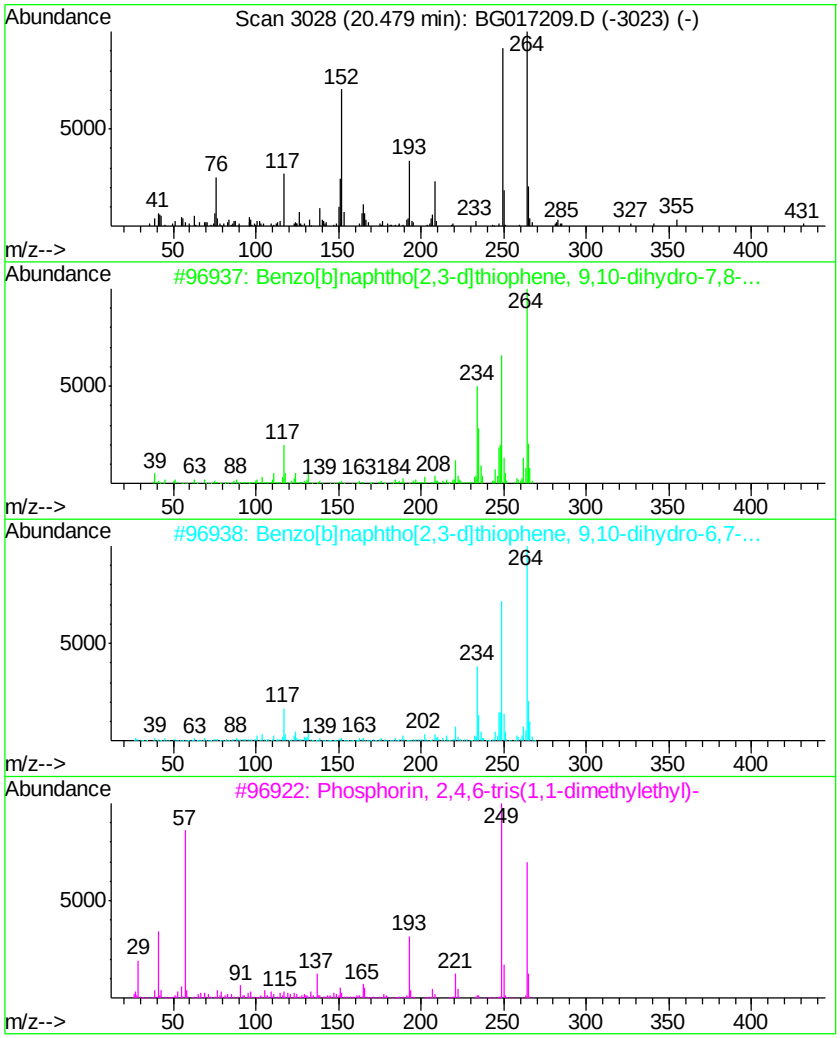
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

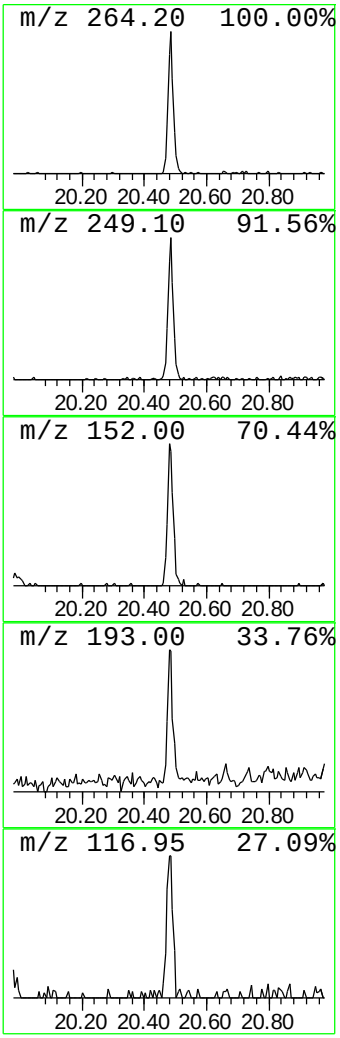
****

Peak Number 8 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.48	3.39 ng	135269	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene,...	264	C18H16S	024964-00-9	58
2	Benzo[b]naphtho[2,3-d]thiophene,...	264	C18H16S	024964-02-1	53
3	Phosphorin, 2,4,6-tris(1,1-dimet...	264	C17H29P	017420-29-0	38
4	Anthraquinone, 2,3,6,7-tetramethyl-	264	C18H16O2	015247-68-4	35
5	5,12-Dioxa-chrysene-6,11-dione	264	C16H8O4	002288-98-4	27





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.88	50.8	ng	662219	1	7.69	260748	20.0
2-Pentanone, 4-hy...	4.81	34.7	ng	452978	1	7.69	260748	20.0
unknown7.24	7.24	118.6	ng	1546770	1	7.69	260748	20.0
2-Amino-5-isoprop...	19.99	2.4	ng	96414	5	21.29	798114	20.0
Benzo[b]naphtho[2...	20.48	3.4	ng	135269	5	21.29	798114	20.0