LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016941.D
Acq On : 8 May 2015 3:37
Operator : TP/IZ
Sample : G2084-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6

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-BG050515.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	2.785	12	16	35	rVV	3149336	3947080	74.19%	11.166%
2	2.926	35	40	48	rVV	147740	278037	5.23%	0.787%
3	3.002	48	53	58	rVV	246983	302448	5.69%	0.856%
4	4.918	373	379	390	rBV	170666	243139	4.57%	0.688%
5	5.382	451	458	472	rVB	1678578	2417785	45.45%	6.840%
6	6.968	720	728	742	rVB	1796942	2800456	52.64%	7.922%
7	7.332	782	790	800	rBV	1693380	2633834	49.51%	7.451%
8	7.797	863	869	877	rVB	312858	475047	8.93%	1.344%
9	8.120	917	924	931	rBV	1095797	1756545	33.02%	4.969%
10	8.954	1058	1066	1073	rBV	1025313	1676178	31.51%	4.742%
11	9.824	1208	1214	1219	rBV	36355	75756	1.42%	0.214%
12	10.587	1337	1344	1353	rVB	413819	694344	13.05%	1.964%
13	13.055	1757	1764	1773	rBV	2242460	3445028	64.76%	9.746%
14	13.890	1899	1906	1916	rBV	160340	233651	4.39%	0.661%
15	14.436	1993	1999	2007	rBV2	624568	958178	18.01%	2.711%
16	15.922	2246	2252	2264	rBV	2136474	2957635	55.60%	8.367%
17	16.152	2286	2291	2299	rBV	38399	68421	1.29%	0.194%
18	16.945	2421	2426	2430	rBV2	38852	53553	1.01%	0.151%
19	17.180	2459	2466	2475	rBV2	838846	1198094	22.52%	3.389%
20	17.297	2477	2486	2492	rVB7	28228	65449	1.23%	0.185%
21	18.079	2614	2619	2628	rBV	212060	312404	5.87%	0.884%
22	19.354	2832	2836	2847	rBV2	81796	129498	2.43%	0.366%
23	19.806	2907	2913	2920	rBV	4365097	5319892	100.00%	15.050%
24	21.069	3122	3128	3135	rBV	440235	570999	10.73%	1.615%
25	21.357	3171	3177	3183	rBV	1044707	1309450	24.61%	3.704%
26	21.968	3276	3281	3284	rBV6	32966	56367	1.06%	0.159%
27	23.660	3561	3569	3579	rVB2	644401	1248981	23.48%	3.533%
28	24.318	3674	3681	3690	rBV6	51724	120692	2.27%	0.341%

Sum of corrected areas: 35348941

LSC Report - Integrated Chromatogram

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Data File : BG016941.D
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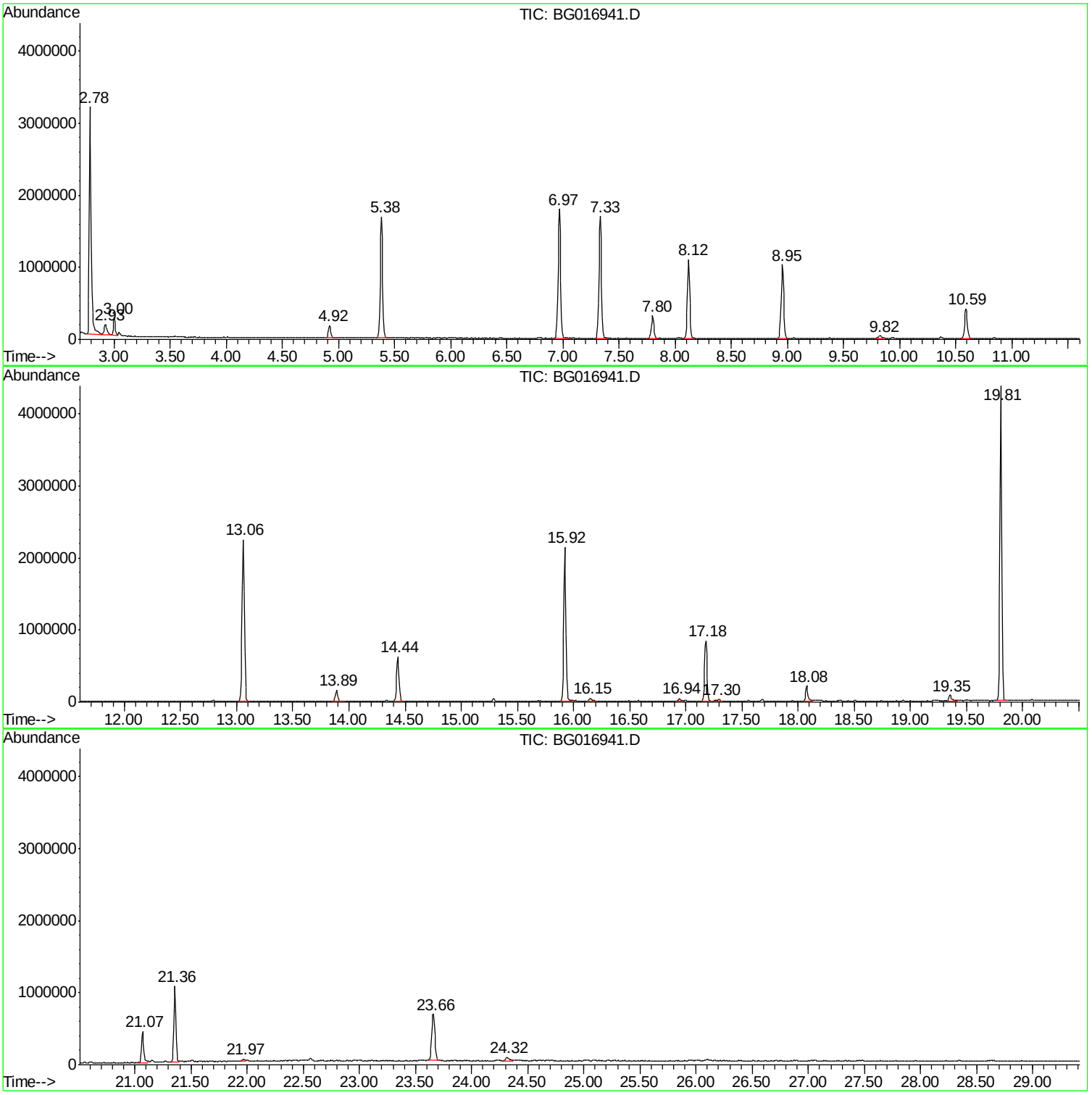
Operator : TP/IZ
Sample : G2084-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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 : BG016941.D
Acq On : 8 May 2015 3:37
Operator : TP/IZ
Sample : G2084-06
Misc :
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Instrument : BNA_G
ClientSampleId : 6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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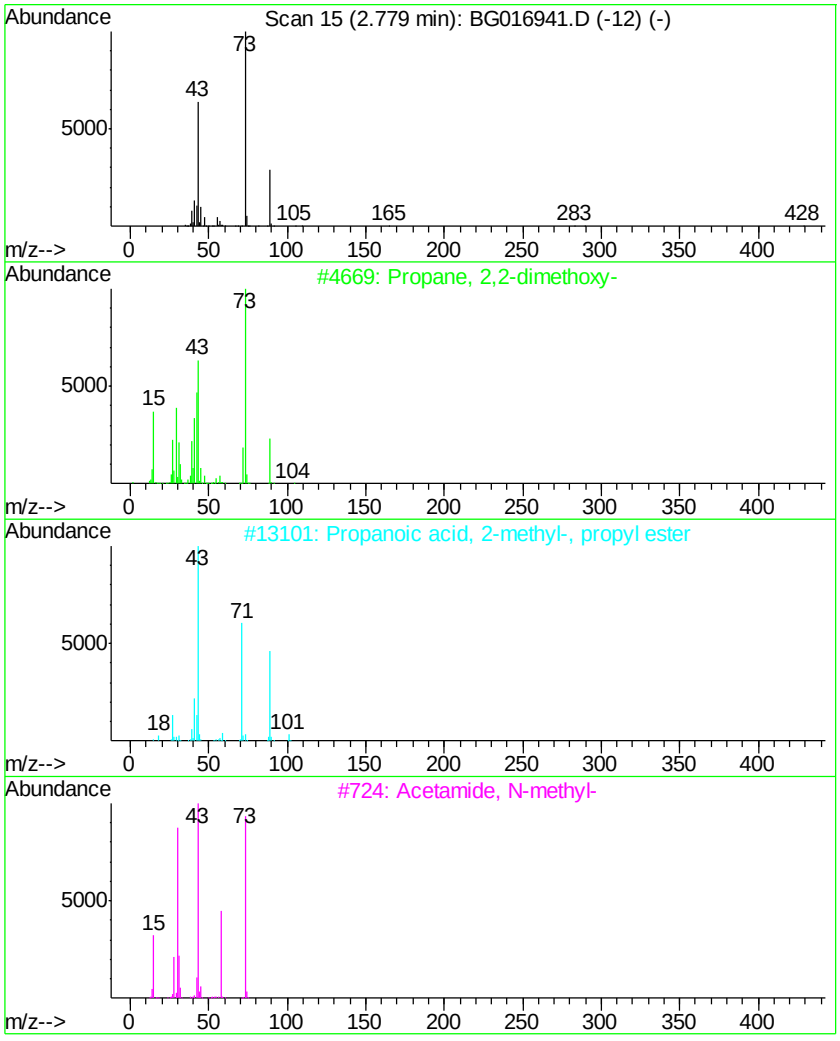
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

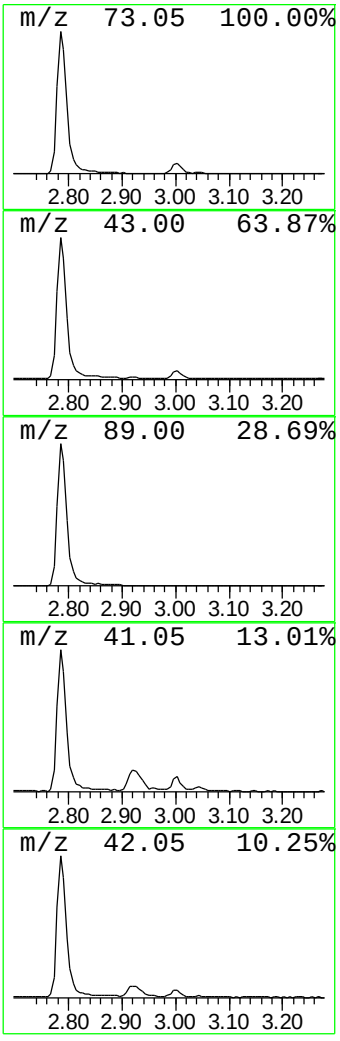
****

Peak Number 1 unknown2.78 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	166.18 ng	3947080	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	42
2	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	16
3	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9





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Operator : TP/IZ
Sample : G2084-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

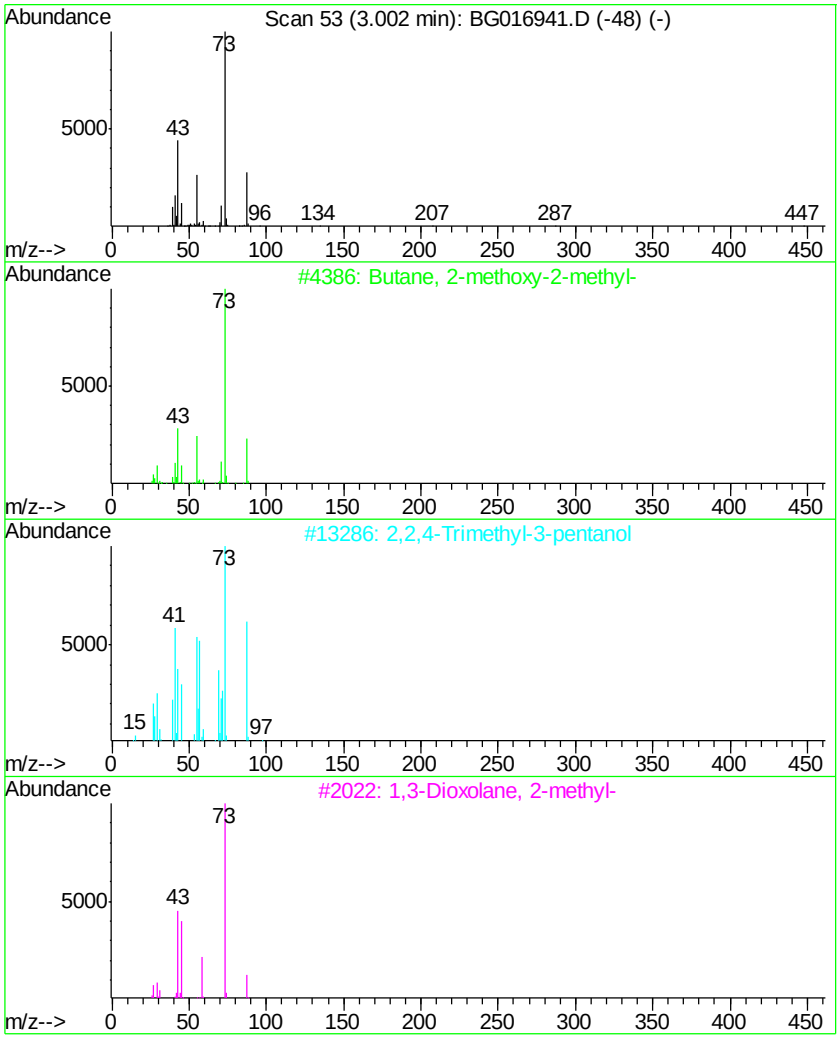
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

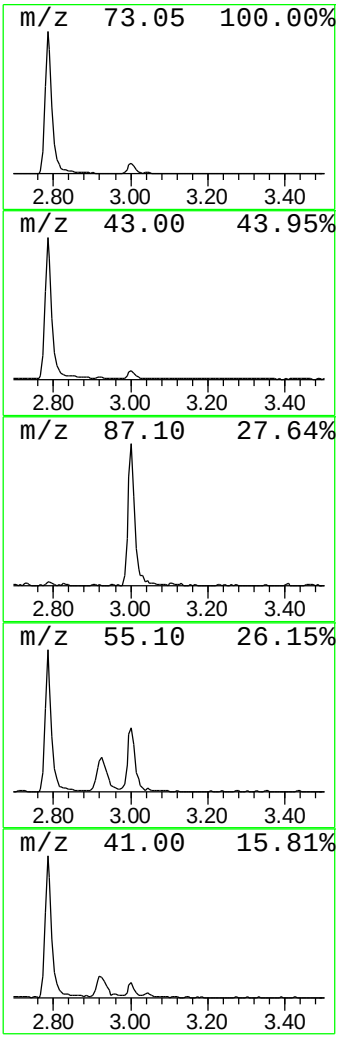
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	12.73 ng	302448	1,4-Dichlorobenzene-d4	7.80

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	64
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016941.D
Acq On : 8 May 2015 3:37
Operator : TP/IZ
Sample : G2084-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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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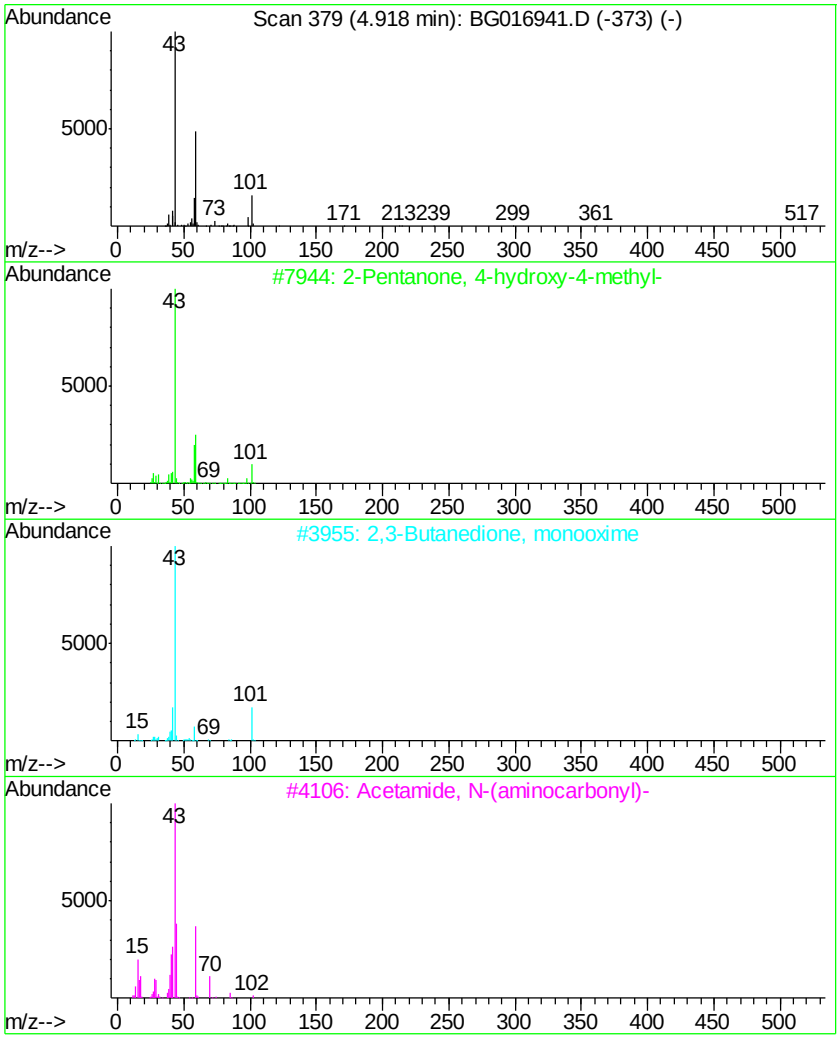
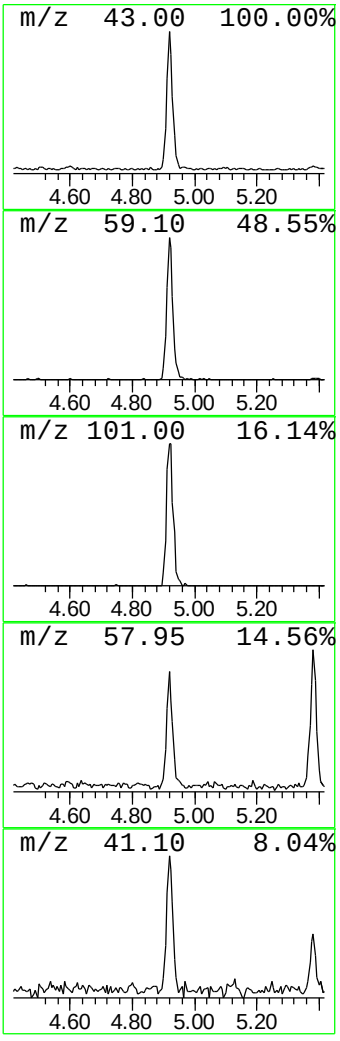
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	10.24 ng	243139	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	Acetamide, N-(aminocarbonyl)-	102	C3H6N2O2	000591-07-1	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	t-Butyl nitrite	103	C4H9NO2	000540-80-7	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
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Operator : TP/IZ
Sample : G2084-06
Misc :
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Instrument : BNA_G
ClientSampleId : 6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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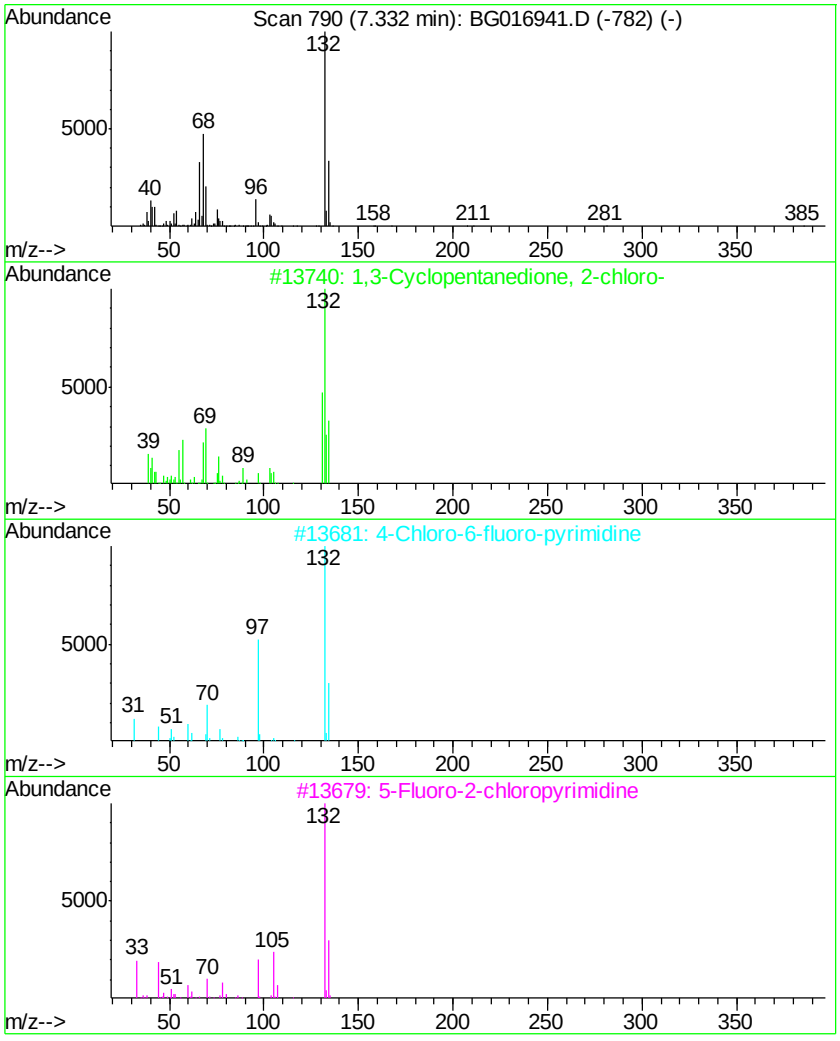
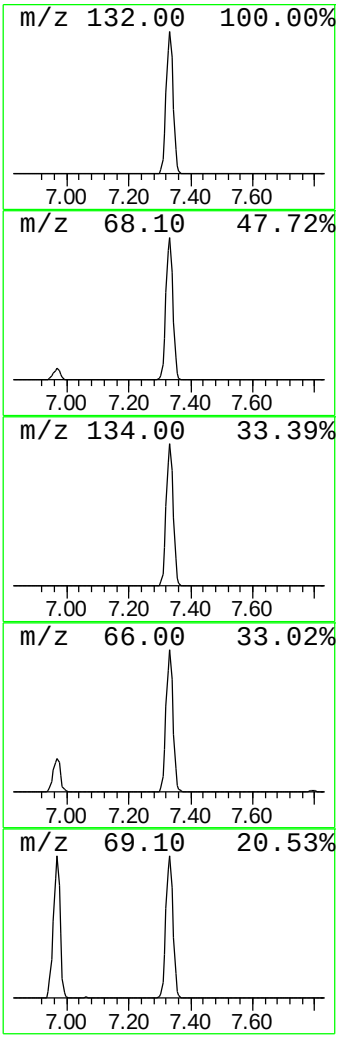
Peak Number 5 unknown7.33 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	110.89 ng	2633830	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
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Operator : TP/IZ
Sample : G2084-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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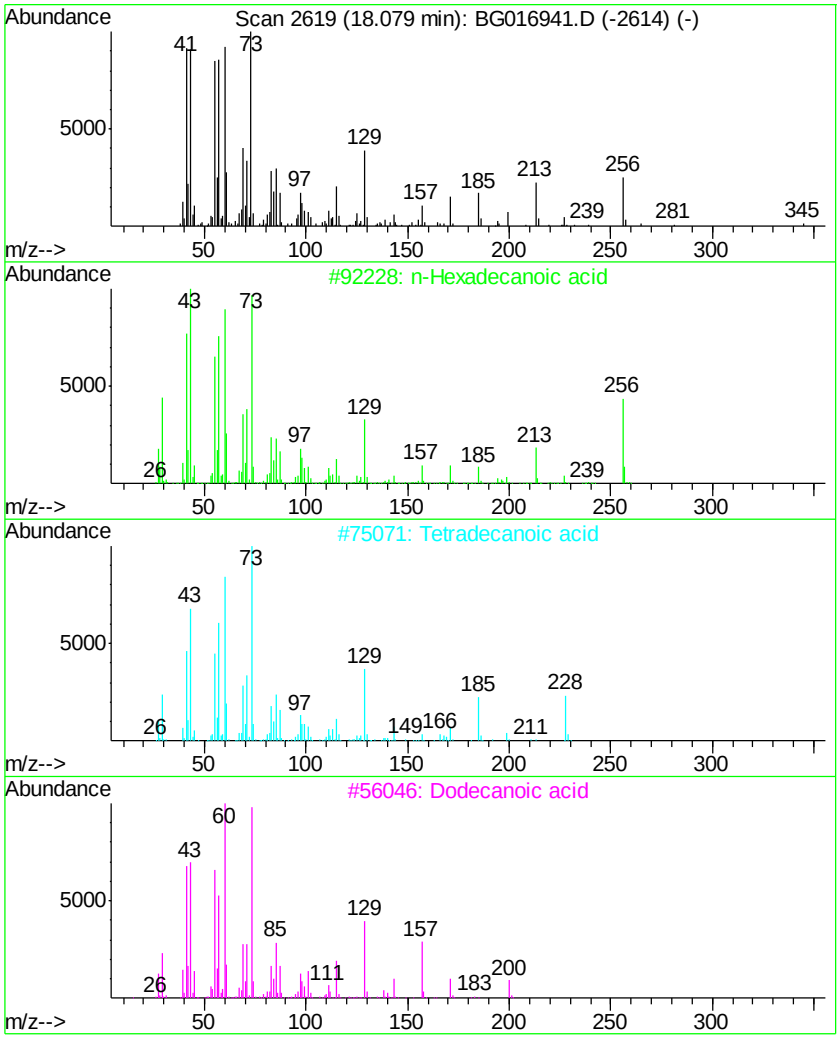
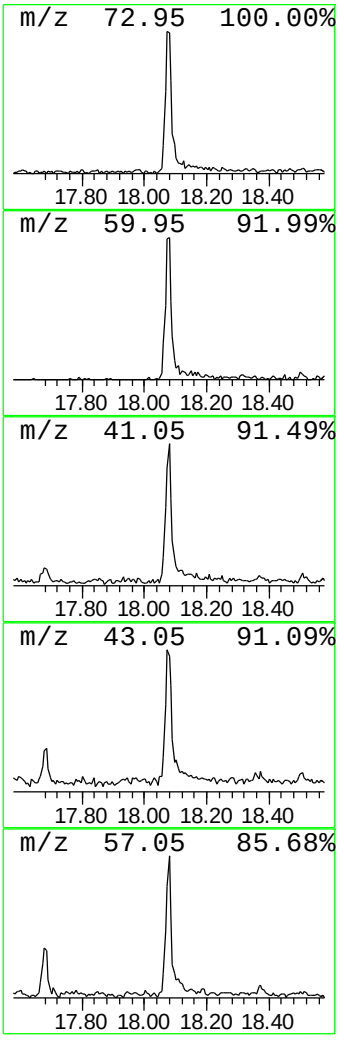
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	5.22 ng	312404	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Dodecanoic acid	200	C12H24O2	000143-07-7	58
4	Undecanoic acid	186	C11H22O2	000112-37-8	53
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50





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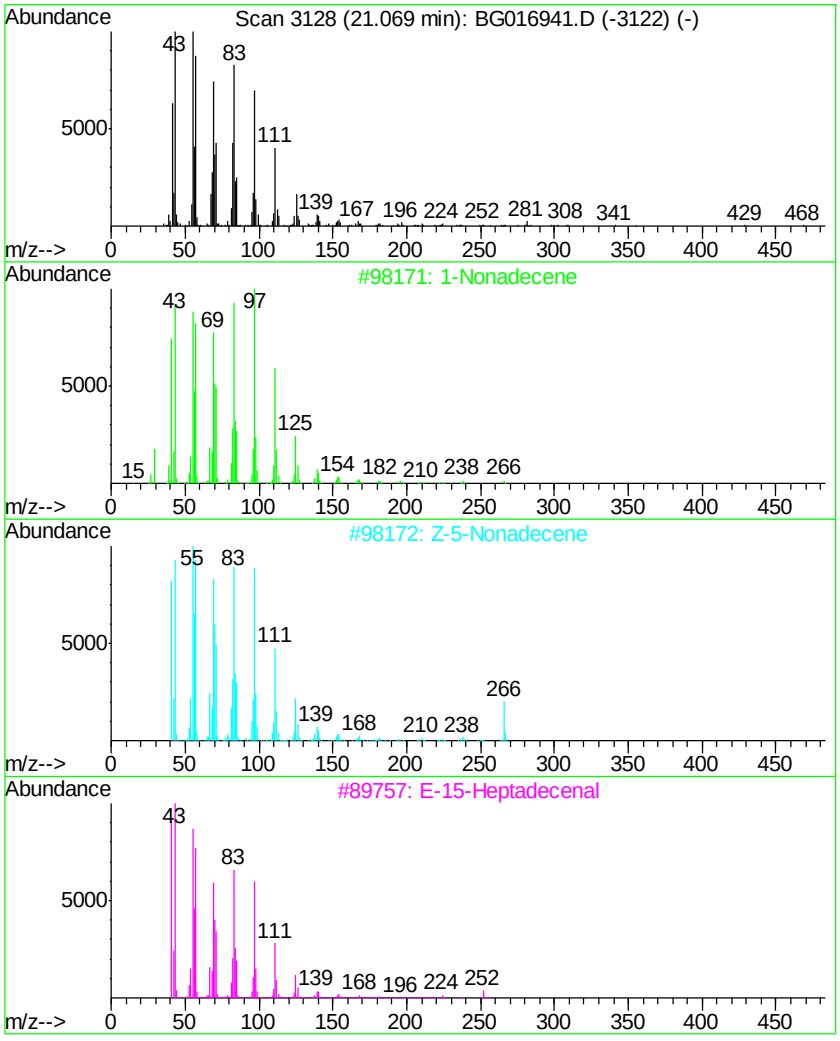
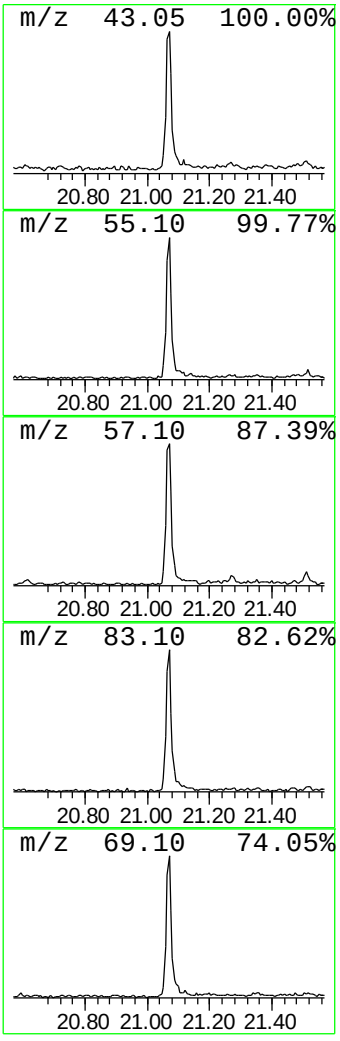
****

Peak Number 8 1-Nonadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	8.72 ng	570999	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	99
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	98
3	E-15-Heptadecenal	252	C17H32O	1000130-97-9	93
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91





Tentatively Identified Compound (LSC) summary

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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
unknown2.78	2.78	166.2	ng	3947080	1	7.80	475047	20.0
Butane, 2-methoxy...	3.00	12.7	ng	302448	1	7.80	475047	20.0
2-Pentanone, 4-hy...	4.92	10.2	ng	243139	1	7.80	475047	20.0
unknown7.33	7.33	110.9	ng	2633830	1	7.80	475047	20.0
n-Hexadecanoic acid	18.08	5.2	ng	312404	4	17.18	1198090	20.0
1-Nonadecene	21.07	8.7	ng	570999	5	21.36	1309450	20.0