LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016353.D
Acq On : 11 Apr 2015 14:02
Operator : TP/IZ
Sample : G1791-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SD04A

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-BG040615.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	2.789	13	17	27	rVV	130616	211271	11.07%	1.335%
2	2.871	27	31	36	rVV	95076	111875	5.86%	0.707%
3	2.912	36	38	43	rVB	16033	20141	1.06%	0.127%
4	4.205	254	258	264	rBV	30365	39707	2.08%	0.251%
5	4.804	354	360	367	rVB	124295	174708	9.15%	1.104%
6	5.280	435	441	452	rBV	865281	1200422	62.89%	7.585%
7	6.872	705	712	724	rBV	843397	1329237	69.64%	8.399%
8	7.225	764	772	783	rBV	873792	1339909	70.20%	8.466%
9	7.689	845	851	858	rBV	238122	363851	19.06%	2.299%
10	8.006	897	905	913	rBV	593914	954022	49.98%	6.028%
11	8.846	1040	1048	1056	rBV	493284	792027	41.49%	5.004%
12	10.474	1318	1325	1336	rBV	339258	566270	29.67%	3.578%
13	12.947	1740	1746	1755	rBV	1063070	1563131	81.89%	9.877%
14	13.787	1883	1889	1896	rBV	61704	89580	4.69%	0.566%
15	14.228	1960	1964	1969	rBV2	14337	19308	1.01%	0.122%
16	14.328	1974	1981	1992	rVV2	515163	785829	41.17%	4.965%
17	15.180	2122	2126	2131	rBV2	23420	28642	1.50%	0.181%
18	15.814	2228	2234	2245	rBV	722482	1076241	56.38%	6.800%
19	16.044	2269	2273	2275	rBV	23568	30634	1.60%	0.194%
20	17.072	2441	2448	2457	rBV2	626088	898416	47.07%	5.677%
21	17.965	2595	2600	2610	rBV2	50780	86409	4.53%	0.546%
22	19.246	2814	2818	2825	rBV6	18918	34768	1.82%	0.220%
23	19.698	2889	2895	2907	rBV	1536980	1908767	100.00%	12.060%
24	20.386	3006	3012	3015	rBV4	14543	19907	1.04%	0.126%
25	20.956	3105	3109	3120	rBV	186688	265002	13.88%	1.674%
26	21.243	3153	3158	3167	rBV	719111	891743	46.72%	5.634%
27	21.825	3254	3257	3261	rBV4	16460	25888	1.36%	0.164%
28	22.283	3332	3335	3339	rVB6	19089	23416	1.23%	0.148%
29	22.413	3354	3357	3361	rVB3	20249	26321	1.38%	0.166%
30	22.795	3418	3422	3425	rVB	21271	28117	1.47%	0.178%
31	23.364	3514	3519	3524	rBV6	16781	32394	1.70%	0.205%
32	23.482	3532	3539	3549	rBV	456444	859331	45.02%	5.430%
33	24.017	3626	3630	3634	rVB5	17786	29419	1.54%	0.186%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016353.D
Acq On : 11 Apr 2015 14:02
Operator : TP/IZ
Sample : G1791-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SD04A

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-BG040615.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

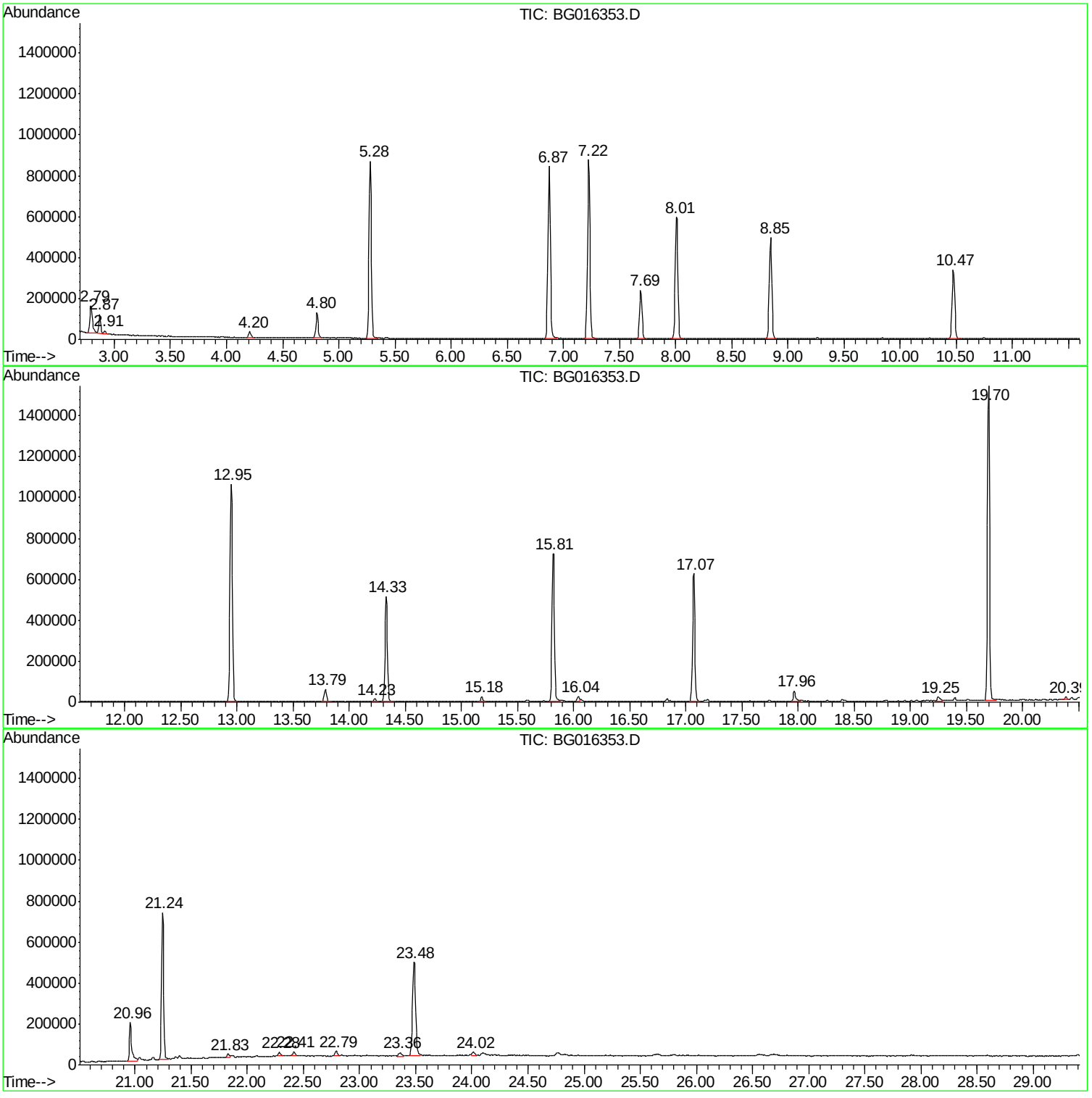
Sum of corrected areas: 15826703

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016353.D
Acq On : 11 Apr 2015 14:02
Operator : TP/IZ
Sample : G1791-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SD04A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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\BG041015\
Data File : BG016353.D
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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SD04A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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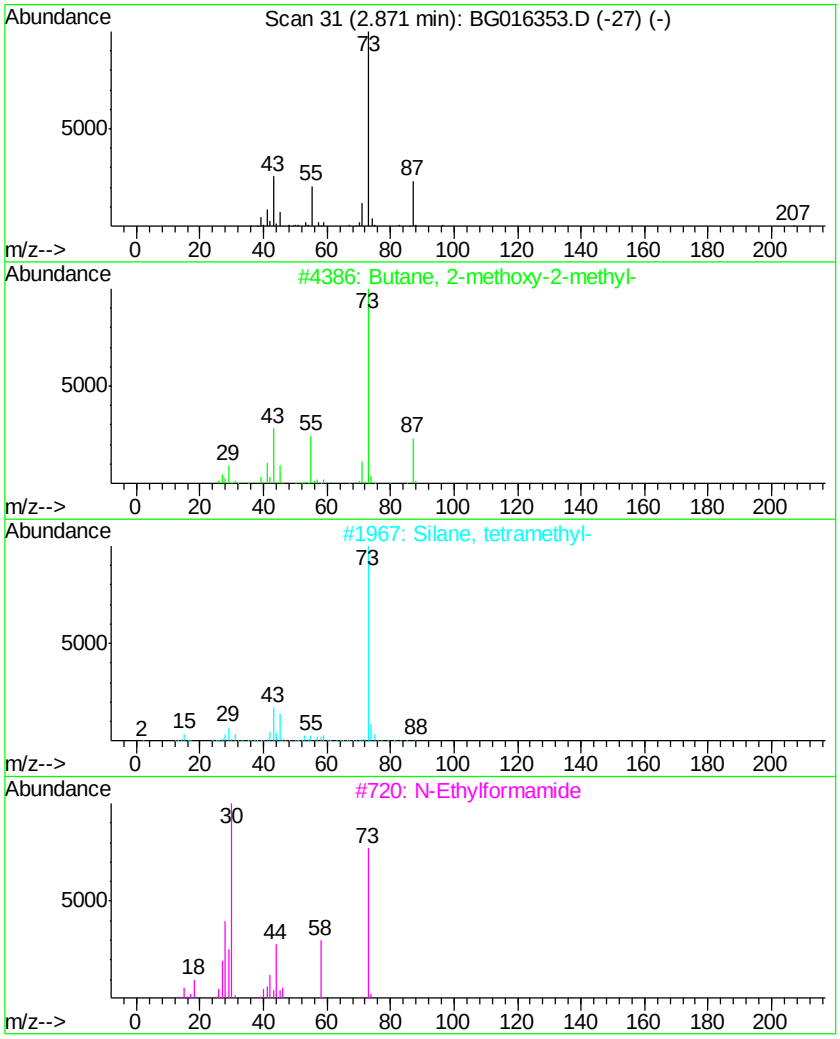
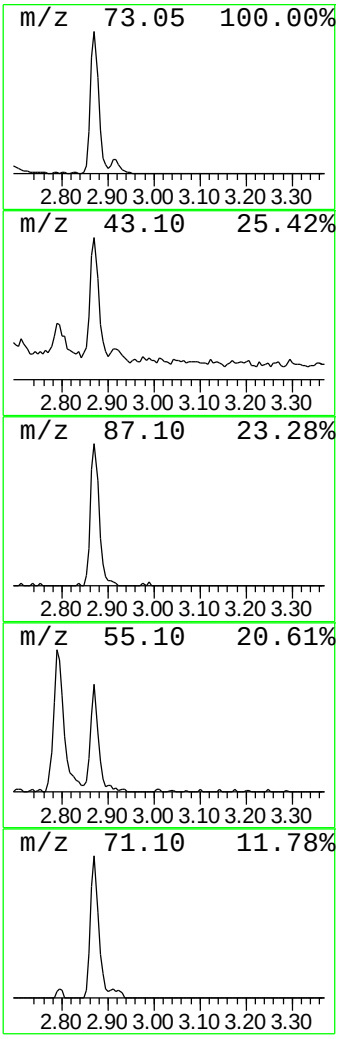
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	6.15 ng	111875	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	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016353.D
Acq On : 11 Apr 2015 14:02
Operator : TP/IZ
Sample : G1791-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SD04A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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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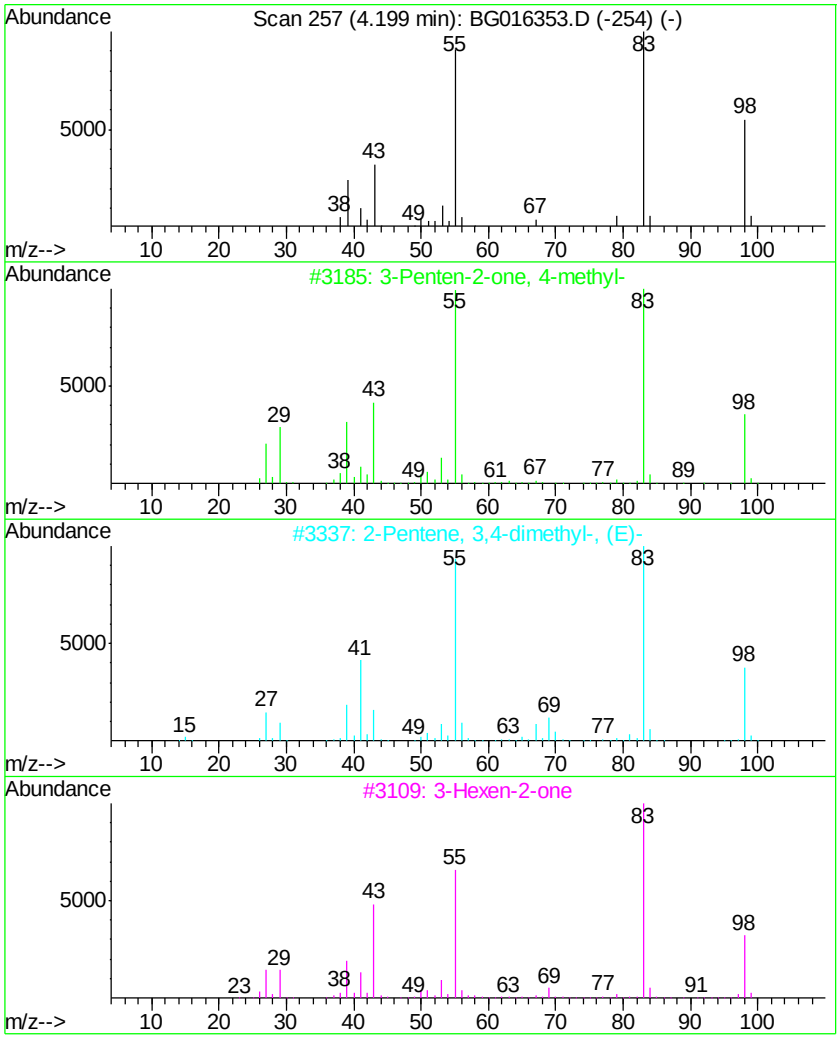
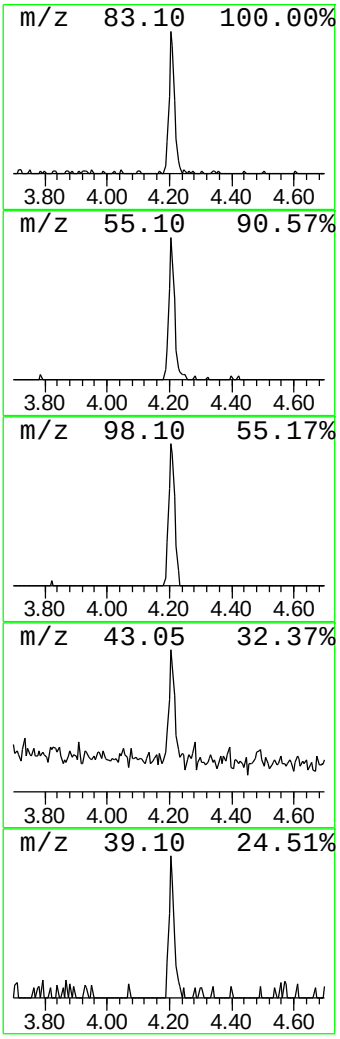
Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	2.18 ng	39707	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
3	3-Hexen-2-one	98	C6H10O	000763-93-9	90
4	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	80
5	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016353.D
Acq On : 11 Apr 2015 14:02
Operator : TP/IZ
Sample : G1791-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SD04A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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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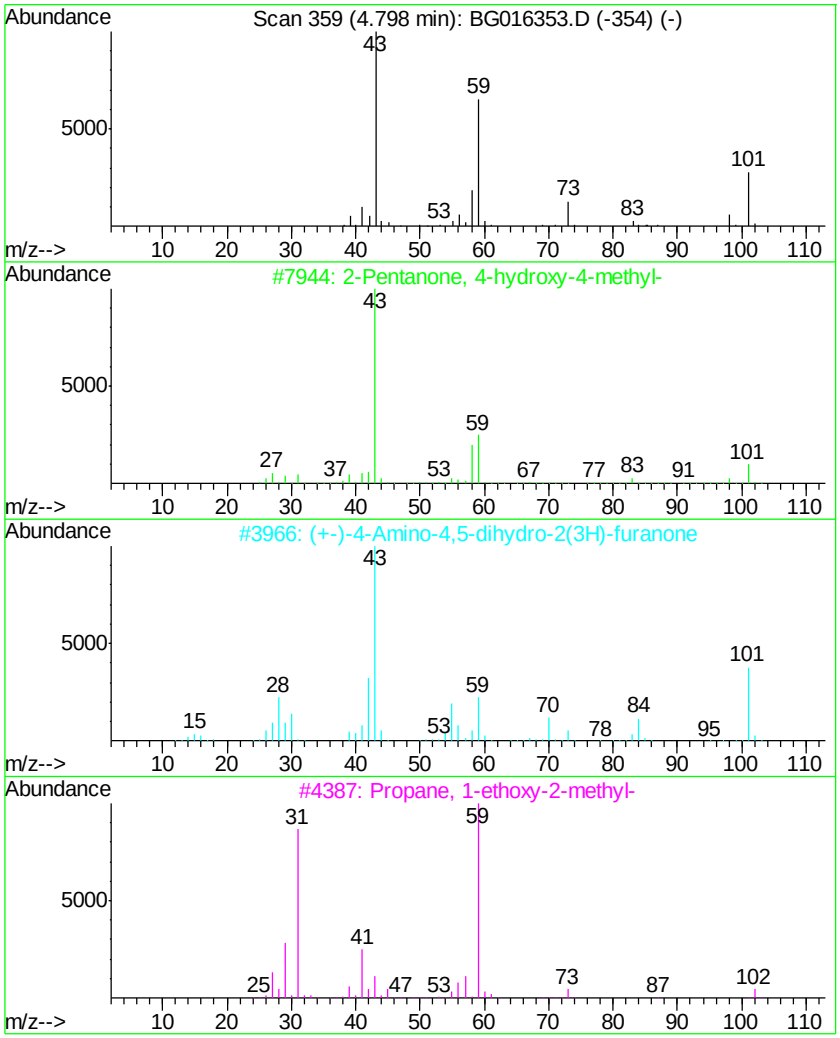
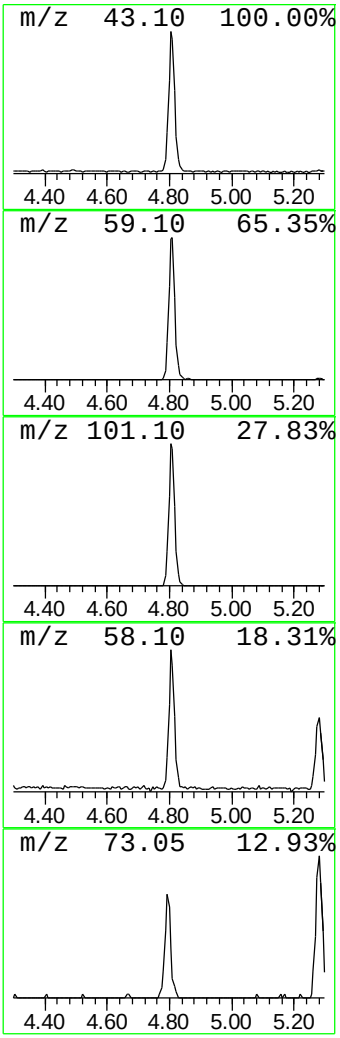
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	9.60 ng	174708	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	53
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	38
4	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	38
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12





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Operator : TP/IZ
Sample : G1791-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SD04A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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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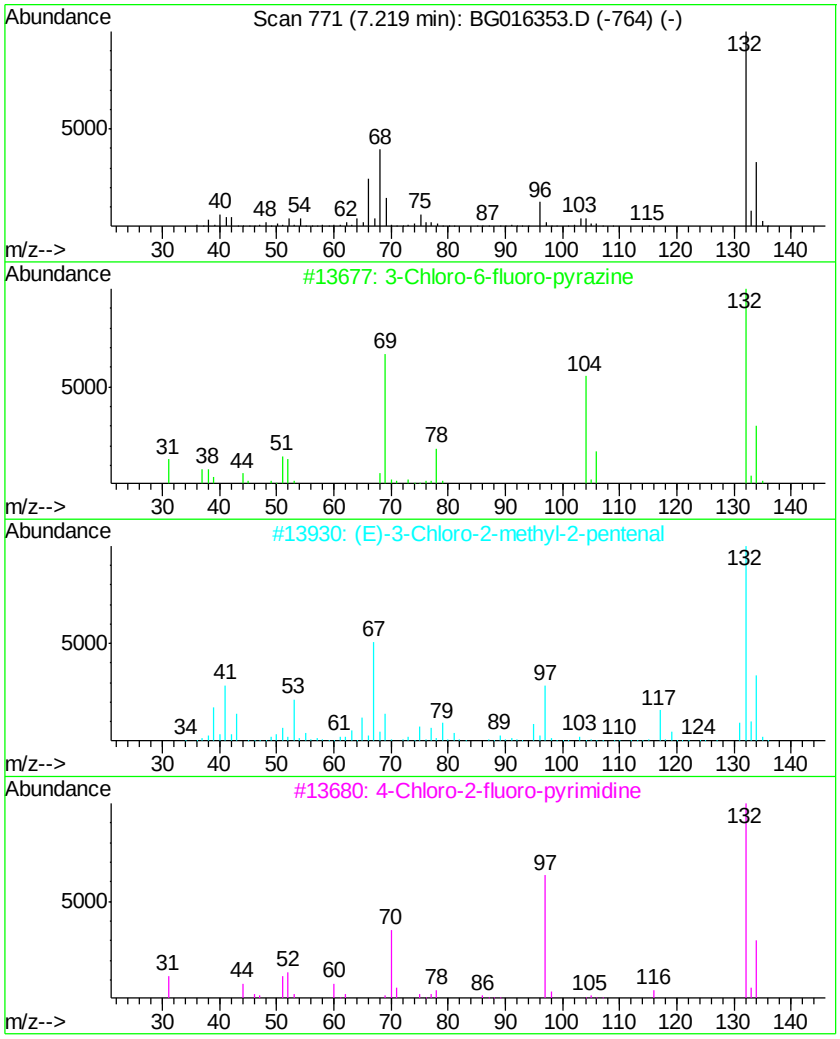
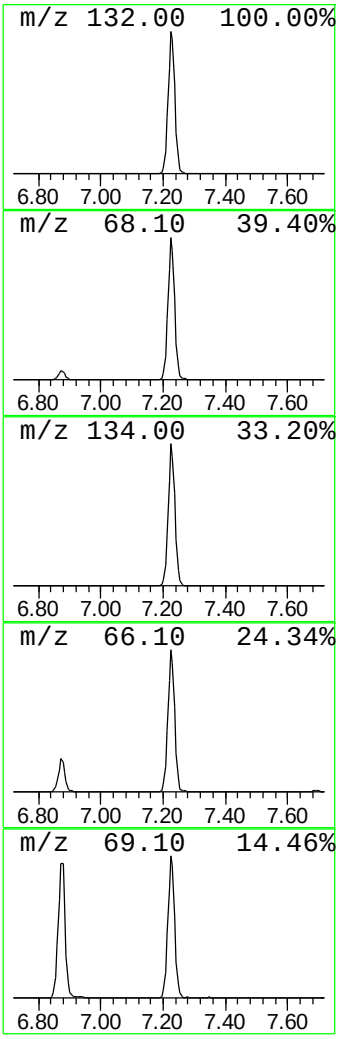
Peak Number 5 unknown7.22 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	73.65 ng	1339910	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Sample : G1791-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SD04A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

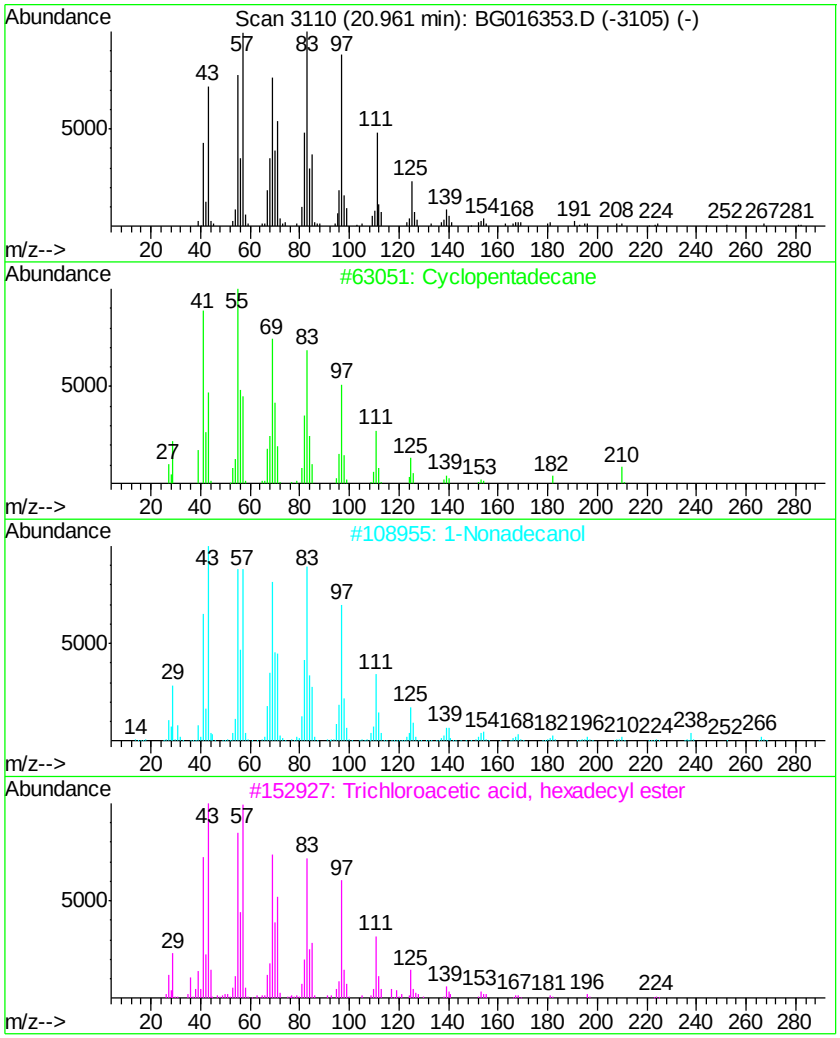
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

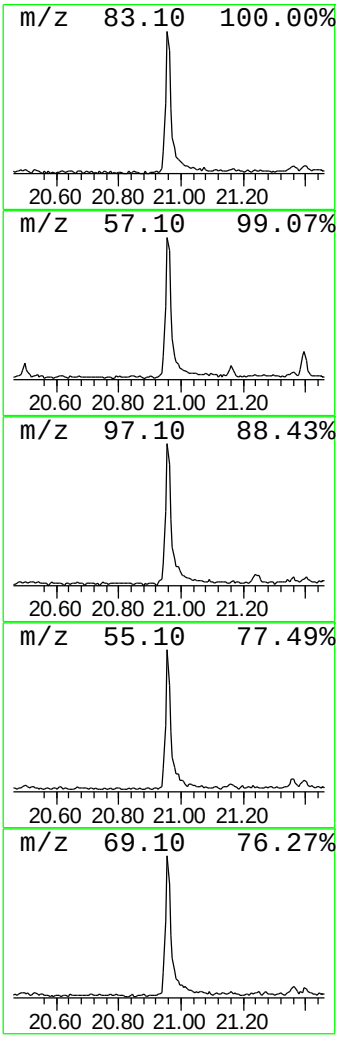
****

Peak Number 7 Cyclopentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	5.94 ng	265002	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	90
2	1-Nonadecanol	284	C19H40O	001454-84-8	87
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	86
4	1-Tetracosanol	354	C24H50O	000506-51-4	83
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
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Acq On : 11 Apr 2015 14:02
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Misc :
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Instrument : BNA_G
ClientSampleId : LS-SD04A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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
Butane, 2-methoxy...	2.87	6.2	ng	111875	1	7.69	363851	20.0
3-Penten-2-one, 4...	4.20	2.2	ng	39707	1	7.69	363851	20.0
2-Pentanone, 4-hy...	4.80	9.6	ng	174708	1	7.69	363851	20.0
unknown7.22	7.22	73.7	ng	1339910	1	7.69	363851	20.0
Cyclopentadecane	20.96	5.9	ng	265002	5	21.24	891743	20.0