LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016948.D
Acq On : 8 May 2015 7:40
Operator : TP/IZ
Sample : G2057-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-042815

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	13	16	25	rVB	144592	198272	3.98%	0.763%
2	2.920	34	39	48	rBV	290041	500088	10.03%	1.925%
3	2.997	48	52	68	rVB	645265	900912	18.08%	3.467%
4	4.918	374	379	386	rBV	257186	358975	7.20%	1.381%
5	5.382	452	458	468	rBV	758469	1093679	21.95%	4.209%
6	6.963	719	727	738	rBV	522158	806004	16.17%	3.102%
7	7.333	782	790	798	rBV	1303242	2062897	41.39%	7.939%
8	7.797	863	869	876	rBV	272547	431965	8.67%	1.662%
9	8.120	915	924	933	rBV	1026604	1663212	33.37%	6.401%
10	8.955	1059	1066	1074	rBV	973098	1598841	32.08%	6.153%
11	10.588	1338	1344	1352	rVB	369633	625354	12.55%	2.407%
12	13.056	1757	1764	1777	rBV	2170589	3330594	66.83%	12.817%
13	14.436	1991	1999	2012	rBV2	568047	875684	17.57%	3.370%
14	15.259	2131	2139	2144	rBV	38024	52416	1.05%	0.202%
15	15.923	2244	2252	2265	rBV	1909304	2688381	53.94%	10.346%
16	17.180	2459	2466	2476	rBV	731330	1041221	20.89%	4.007%
17	17.298	2476	2486	2493	rVB7	62475	110317	2.21%	0.425%
18	18.532	2692	2696	2700	rBV4	52311	65439	1.31%	0.252%
19	18.802	2736	2742	2749	rVB	157611	209026	4.19%	0.804%
20	19.295	2821	2826	2830	rVB2	53455	64898	1.30%	0.250%
21	19.807	2907	2913	2919	rBV	4007378	4983695	100.00%	19.179%
22	21.275	3159	3163	3169	rBV	103059	127631	2.56%	0.491%
23	21.358	3171	3177	3184	rBV	883778	1132000	22.71%	4.356%
24	23.661	3562	3569	3579	rVB2	539063	1063393	21.34%	4.092%

Sum of corrected areas: 25984894

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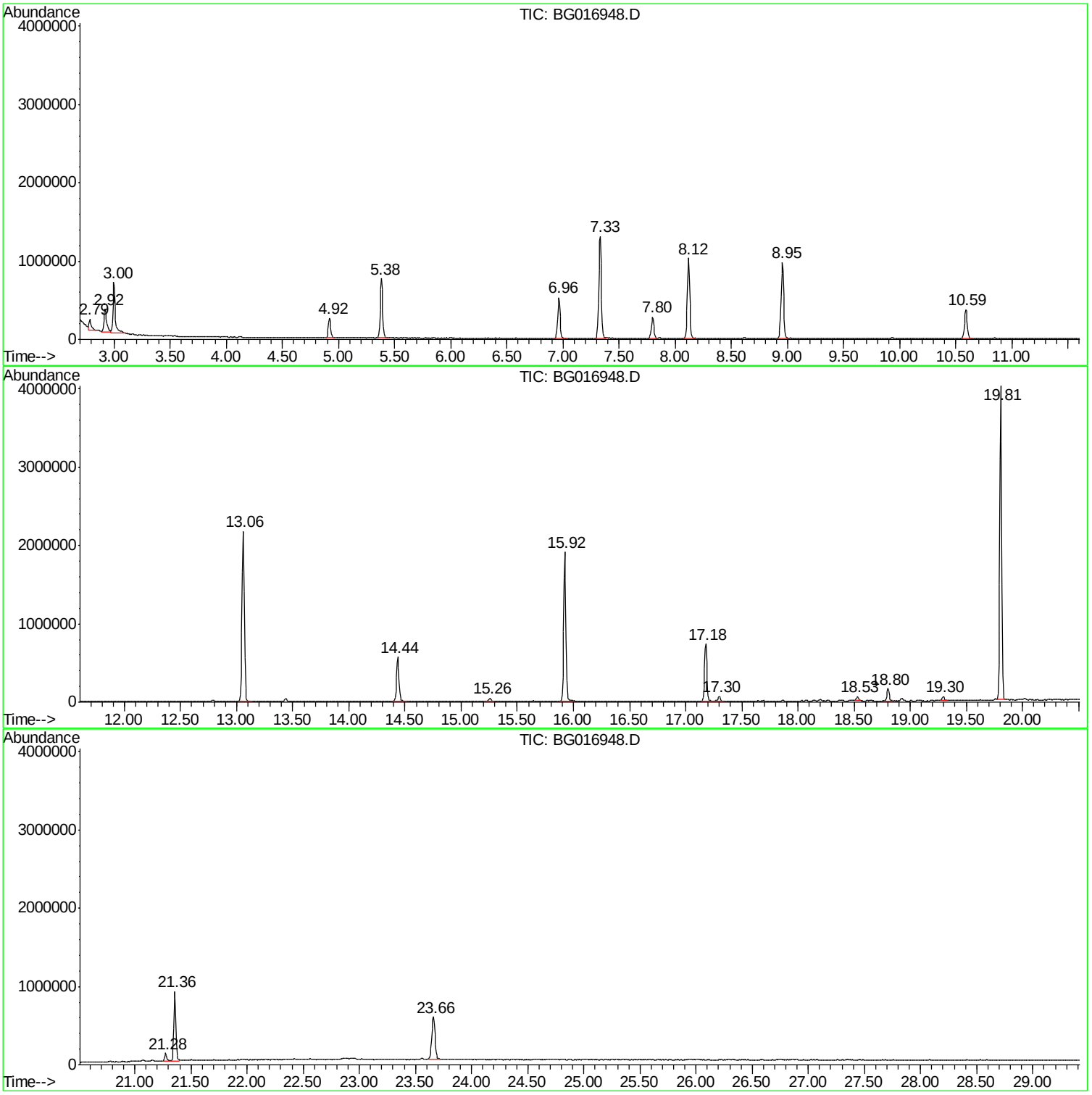
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FB-042815

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016948.D
Acq On : 8 May 2015 7:40
Operator : TP/IZ
Sample : G2057-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-042815

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

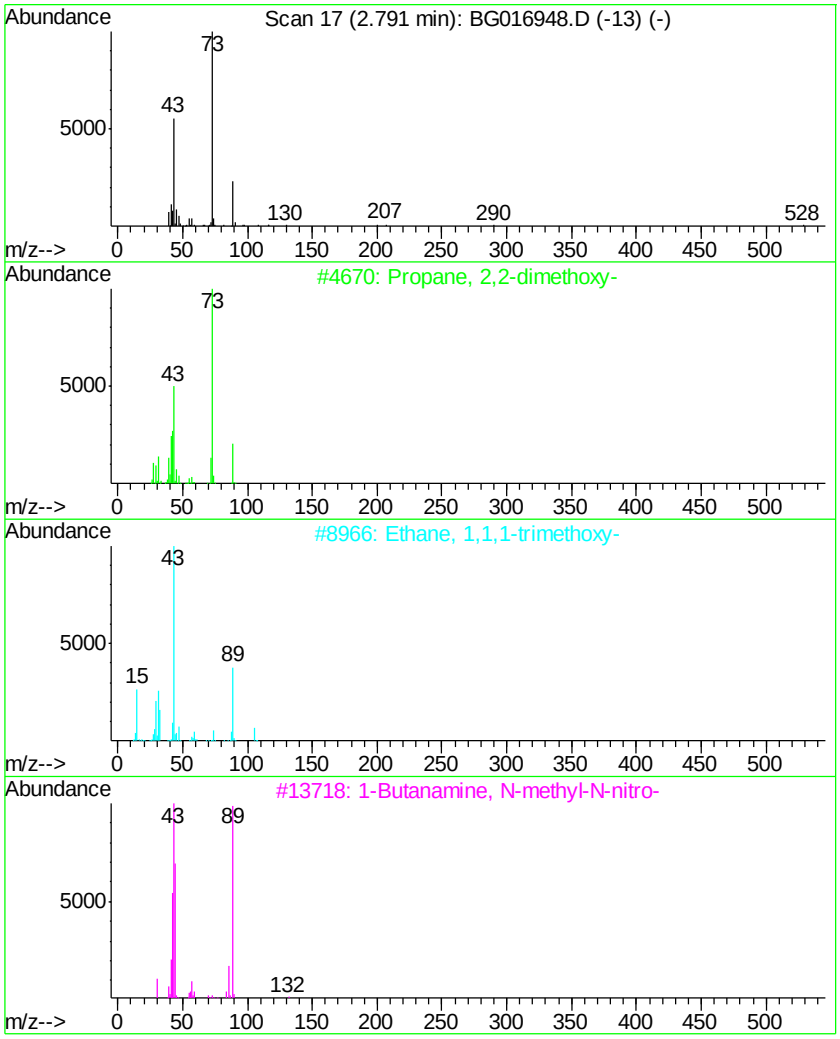
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

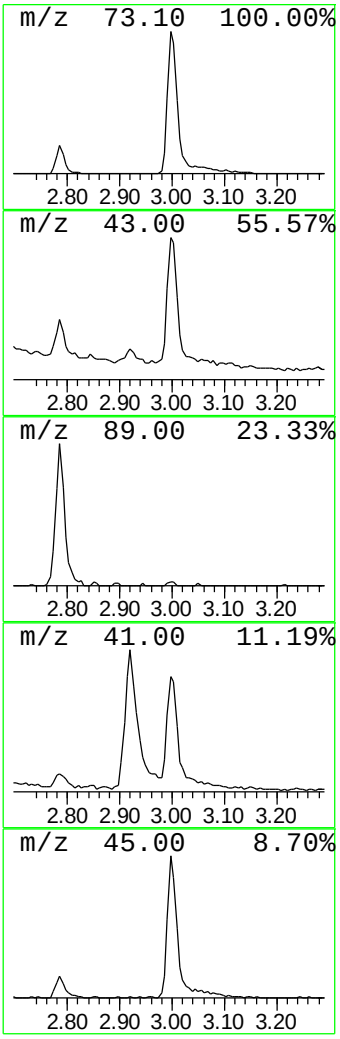
****

Peak Number 1 unknown2.79 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	9.18 ng	198272	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	40
2	Ethane, 1,1,1-trimethoxy-	120	C5H12O3	001445-45-0	23
3	1-Butanamine, N-methyl-N-nitro-	132	C5H12N2O2	052330-07-1	9
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
5	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016948.D
Acq On : 8 May 2015 7:40
Operator : TP/IZ
Sample : G2057-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-042815

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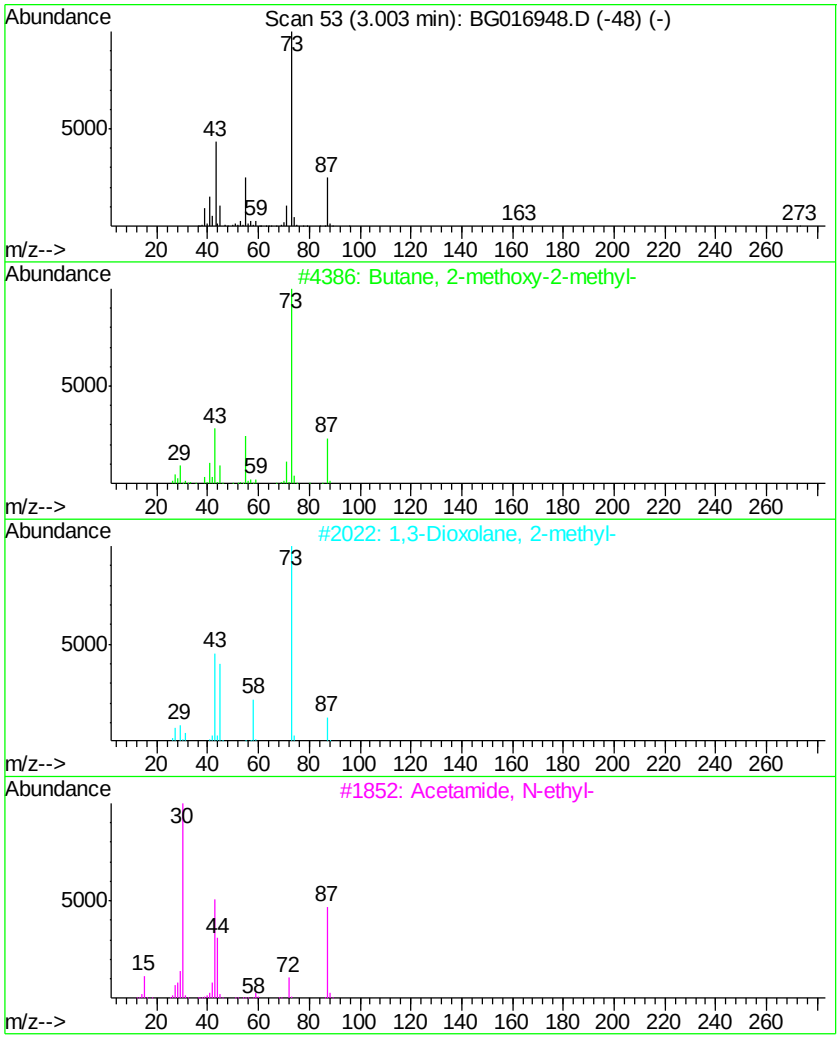
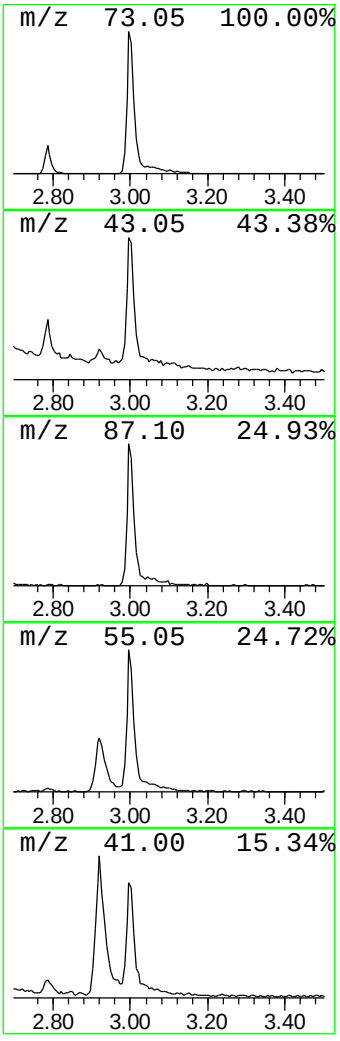
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	41.71 ng	900912	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016948.D
Acq On : 8 May 2015 7:40
Operator : TP/IZ
Sample : G2057-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-042815

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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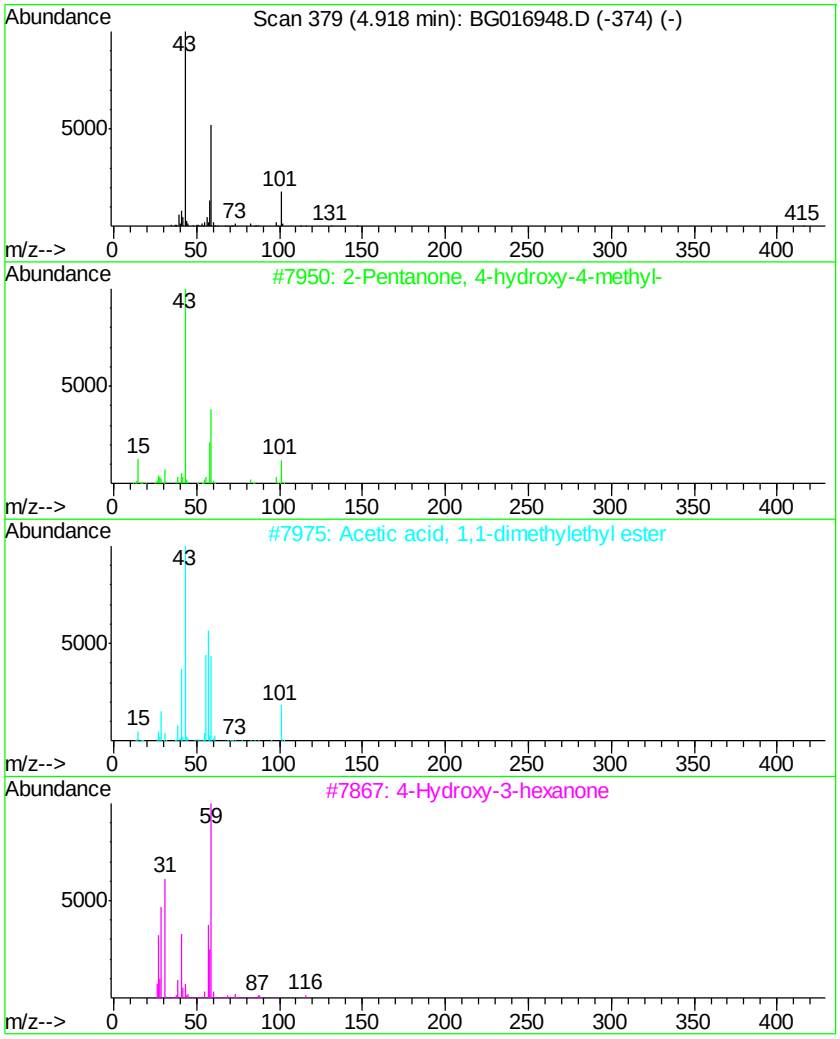
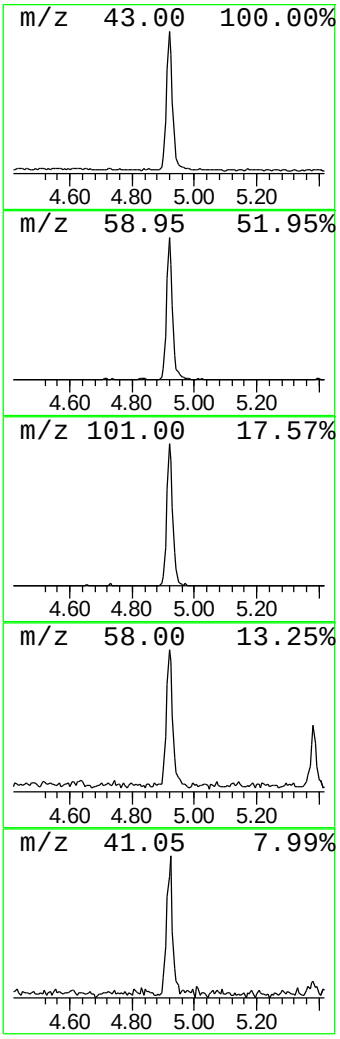
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	16.62 ng	358975	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	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	25
4	t-Butyl ethyl ether	102	C6H14O	1000118-18-4	17
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





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Operator : TP/IZ
Sample : G2057-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-042815

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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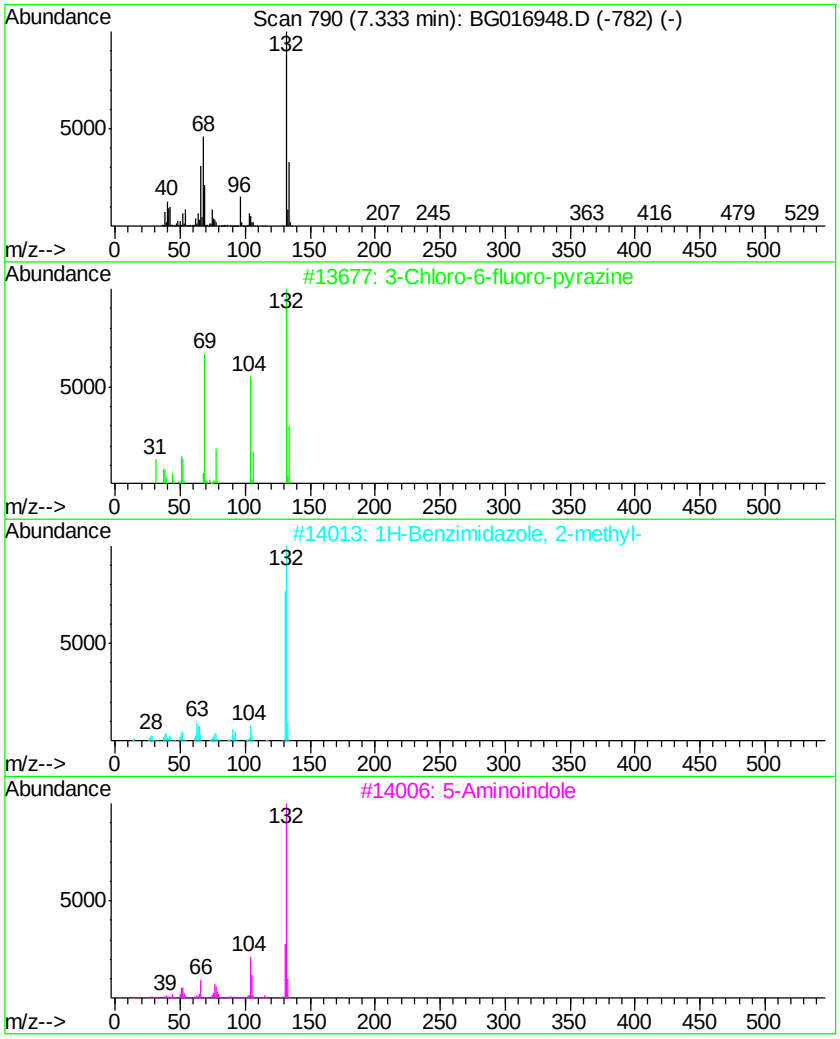
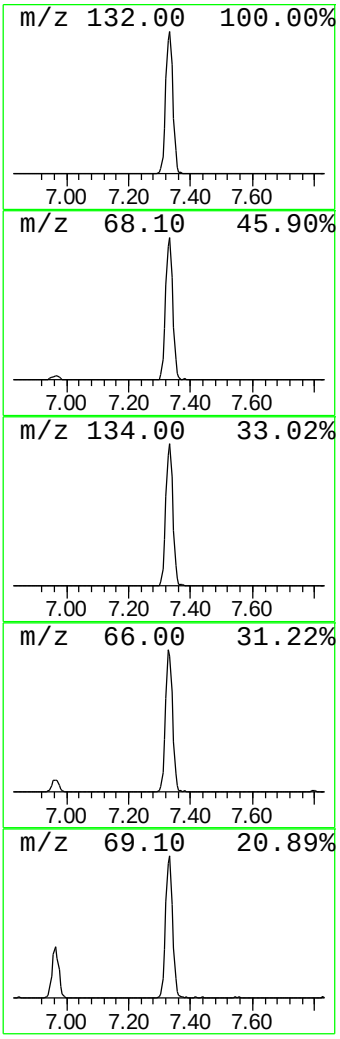
****

Peak Number 5 unknown7.33 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	95.51 ng	2062900	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	12





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Sample : G2057-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-042815

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

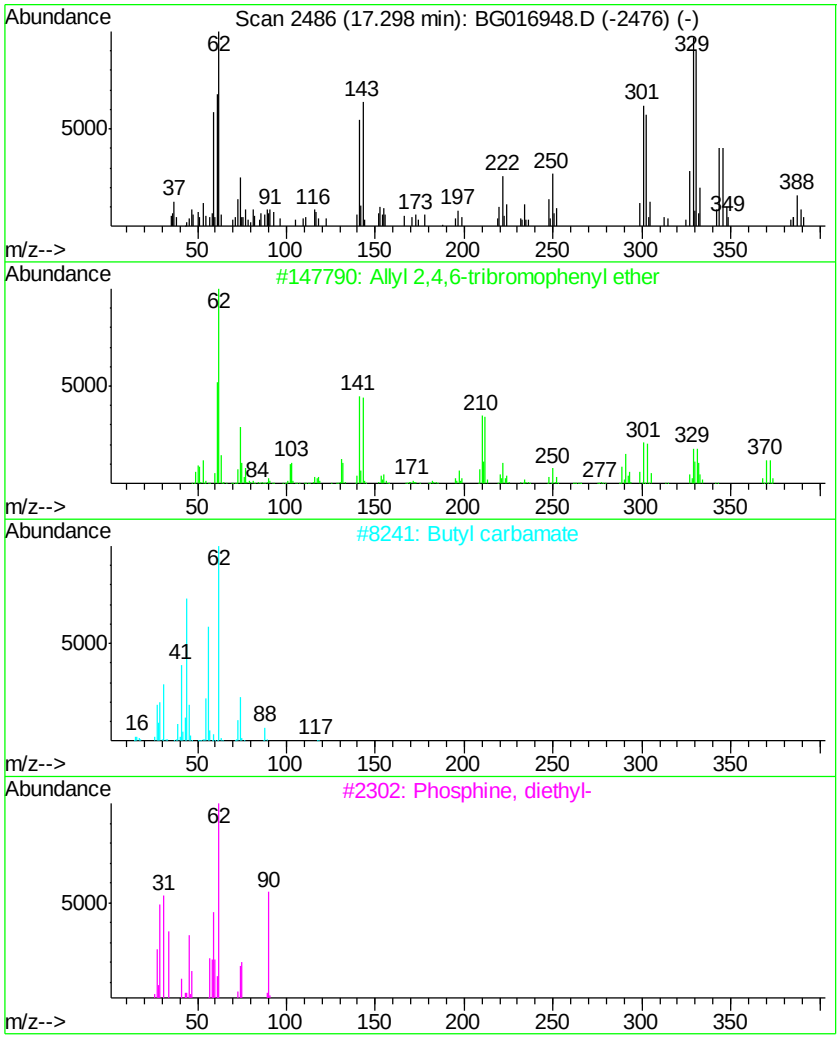
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

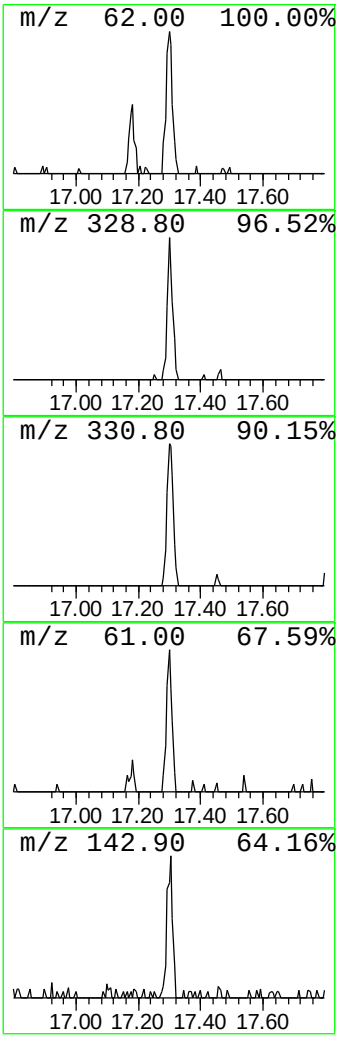
****

Peak Number 7 unknown17.30 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	2.12 ng	110317	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Allyl 2,4,6-tribromophenyl ether	368	C9H7Br3O	003278-89-5	25
2	Butyl carbamate	117	C5H11NO2	000592-35-8	17
3	Phosphine, diethyl-	90	C4H11P	000627-49-6	17
4	1-Amino-4-bromoanthraquinone-2-c...	329	C15H8BrNO3	062823-21-6	12
5	Benzenamine, 2,4,6-tribromo-	327	C6H4Br3N	000147-82-0	12





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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-042815

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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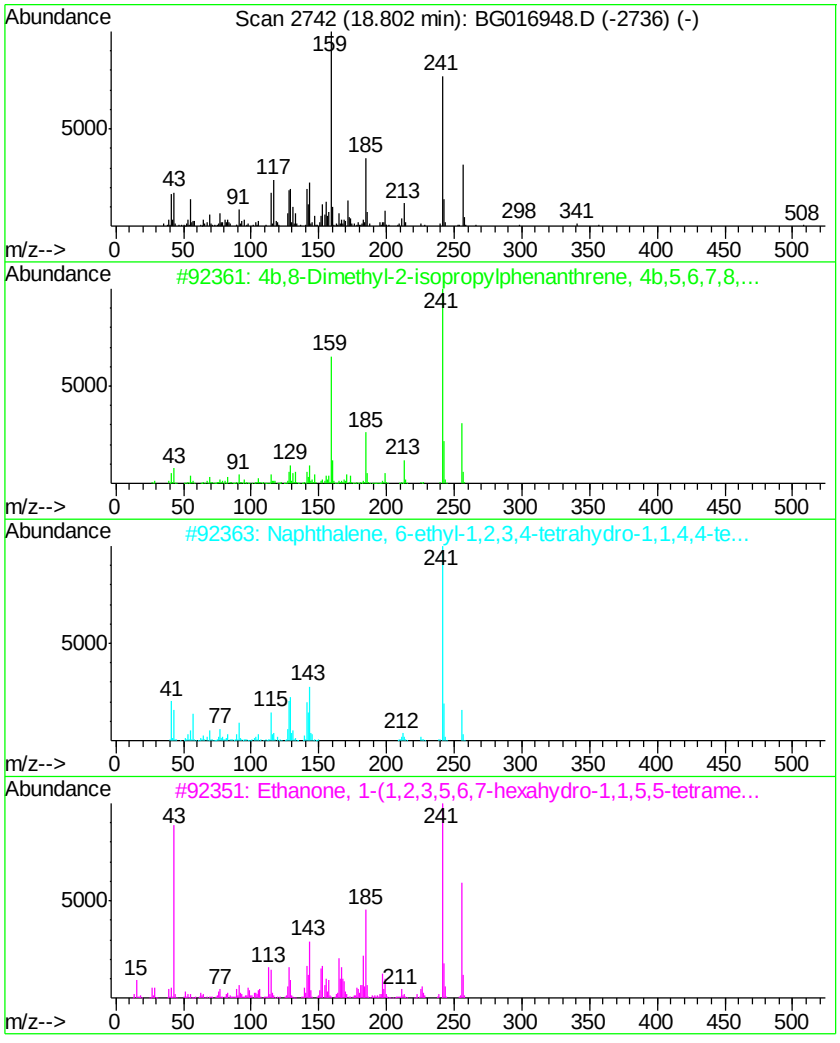
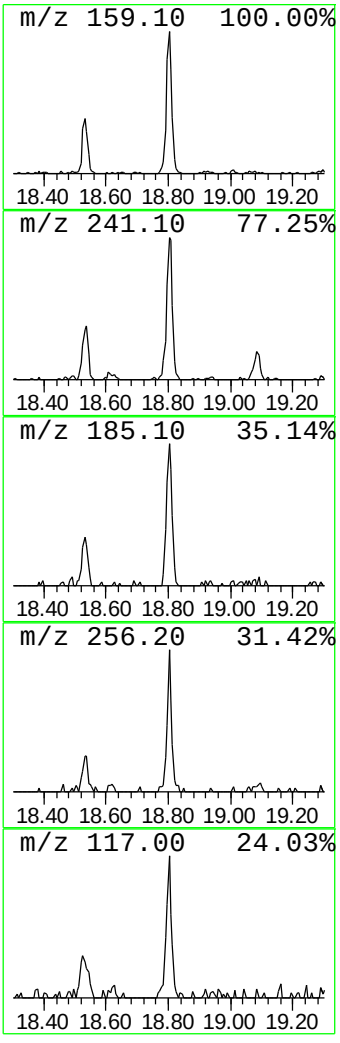
Peak Number 8 4b,8-Dimethyl-2-isopropylph... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	4.02 ng	209026	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	90
2	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	46
3	Ethanone, 1-(1,2,3,5,6,7-hexahyd...	256	C18H24O	056298-80-7	38
4	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	30
5	Phenol, 4,4'-(1-methylethylidene...	256	C17H20O2	000079-97-0	30





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
unknown2.79	2.79	9.2	ng	198272	1	7.80	431965	20.0
Butane, 2-methoxy...	3.00	41.7	ng	900912	1	7.80	431965	20.0
2-Pentanone, 4-hy...	4.92	16.6	ng	358975	1	7.80	431965	20.0
unknown7.33	7.33	95.5	ng	2062900	1	7.80	431965	20.0
unknown17.30	17.30	2.1	ng	110317	4	17.18	1041220	20.0
4b,8-Dimethyl-2-i...	18.80	4.0	ng	209026	4	17.18	1041220	20.0