LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
Data File : BG016806.D
Acq On : 29 Apr 2015 19:30
Operator : TP/IZ
Sample : G2003-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-1(50-55)

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-BG042915.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	4.670	329	337	344	rBV2	95441	164835	8.77%	1.454%
2	5.158	414	420	437	rBV	523524	782967	41.64%	6.908%
3	6.768	687	694	706	rBV	560421	873134	46.43%	7.704%
4	7.103	744	751	764	rBV	584803	899982	47.86%	7.941%
5	7.561	823	829	837	rBB	133680	201824	10.73%	1.781%
6	7.878	876	883	894	rVB	432118	670893	35.68%	5.919%
7	8.724	1017	1027	1041	rBV	305975	508160	27.02%	4.484%
8	10.346	1297	1303	1317	rBV	164075	301713	16.04%	2.662%
9	11.686	1524	1531	1537	rBV	13155	23143	1.23%	0.204%
10	12.837	1720	1727	1740	rBV	846779	1248176	66.37%	11.013%
11	13.689	1867	1872	1878	rBV	29714	47352	2.52%	0.418%
12	14.218	1956	1962	1973	rBV2	282264	442207	23.52%	3.902%
13	15.587	2187	2195	2201	rBV	85280	120403	6.40%	1.062%
14	15.716	2211	2217	2229	rBV	672800	930007	49.46%	8.206%
15	16.968	2424	2430	2440	rBV	420210	573214	30.48%	5.058%
16	17.873	2580	2584	2594	rBV4	17829	34281	1.82%	0.302%
17	19.606	2873	2879	2888	rVB	1554248	1880509	100.00%	16.592%
18	20.299	2991	2997	3003	rBV5	19456	34381	1.83%	0.303%
19	20.869	3090	3094	3105	rBV	157405	216177	11.50%	1.907%
20	21.157	3138	3143	3150	rBV	579215	668805	35.57%	5.901%
21	22.303	3334	3338	3343	rVB2	26012	37126	1.97%	0.328%
22	23.354	3510	3517	3530	rBV2	349403	674549	35.87%	5.952%

Sum of corrected areas: 11333838

LSC Report - Integrated Chromatogram

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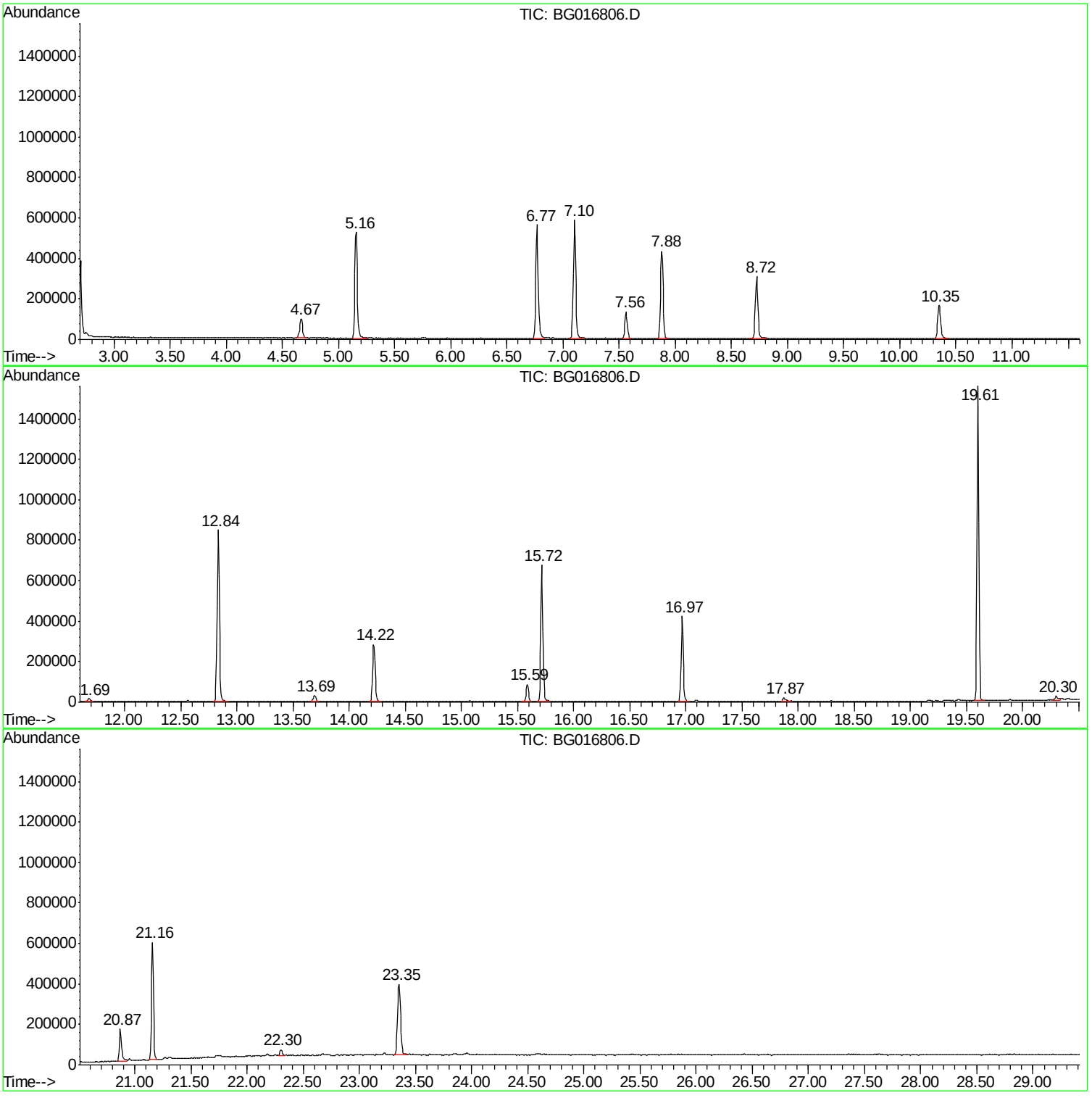
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PZ-1(50-55)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.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\BG042915\
Data File : BG016806.D
Acq On : 29 Apr 2015 19:30
Operator : TP/IZ
Sample : G2003-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-1(50-55)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.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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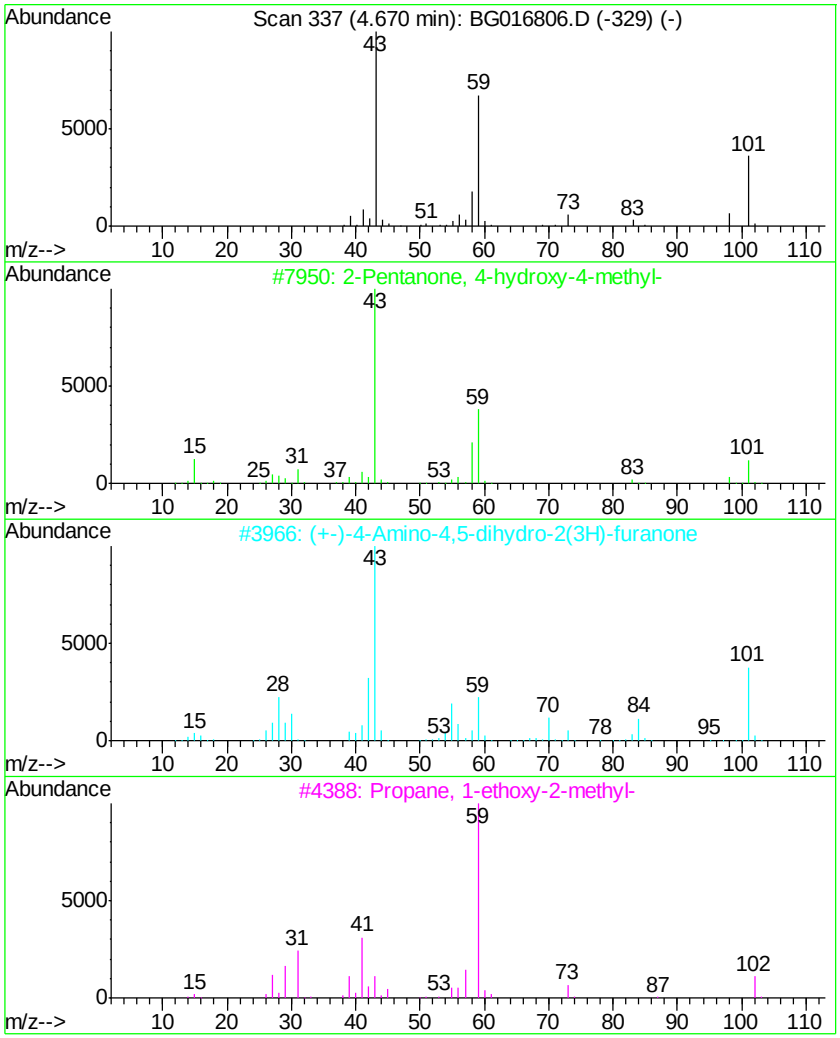
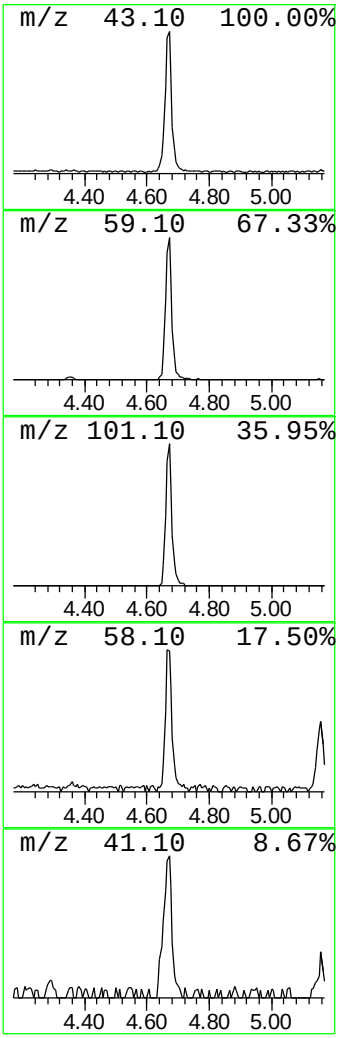
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	16.33 ng	164835	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
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	25
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
5	3-Hexanol	102	C6H14O	000623-37-0	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
Data File : BG016806.D
Acq On : 29 Apr 2015 19:30
Operator : TP/IZ
Sample : G2003-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-1(50-55)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.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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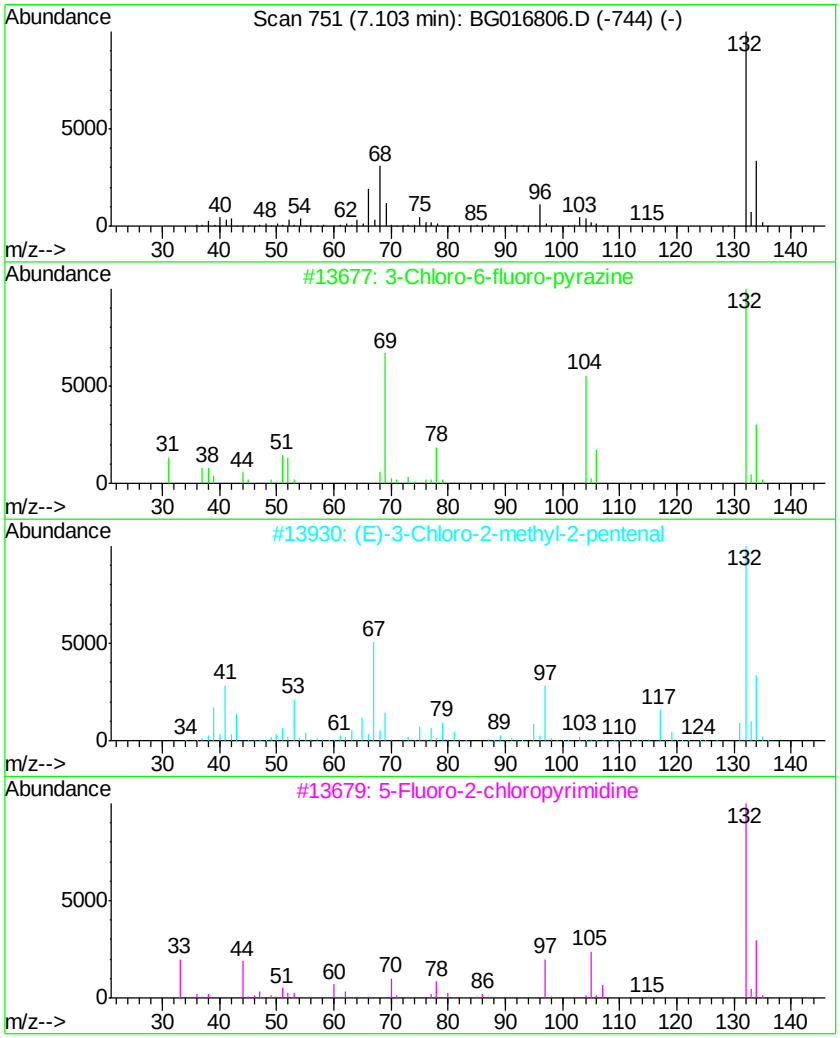
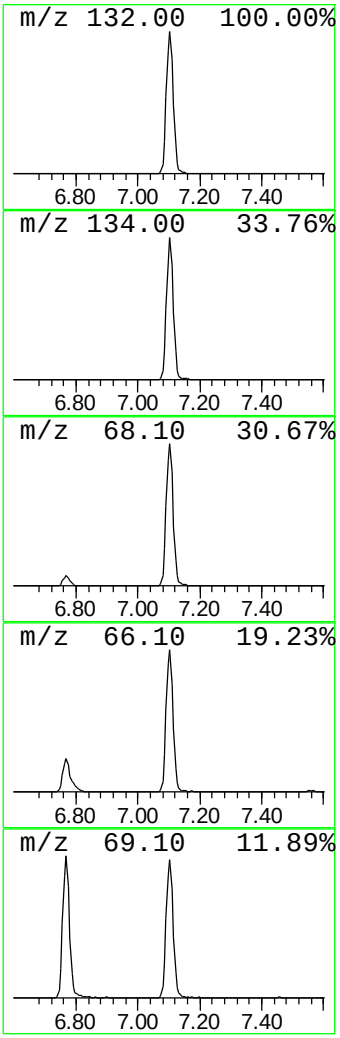
Peak Number 2 unknown7.10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	89.18 ng	899982	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	Xenon	132	Xe	007440-63-3	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
Data File : BG016806.D
Acq On : 29 Apr 2015 19:30
Operator : TP/IZ
Sample : G2003-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-1(50-55)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.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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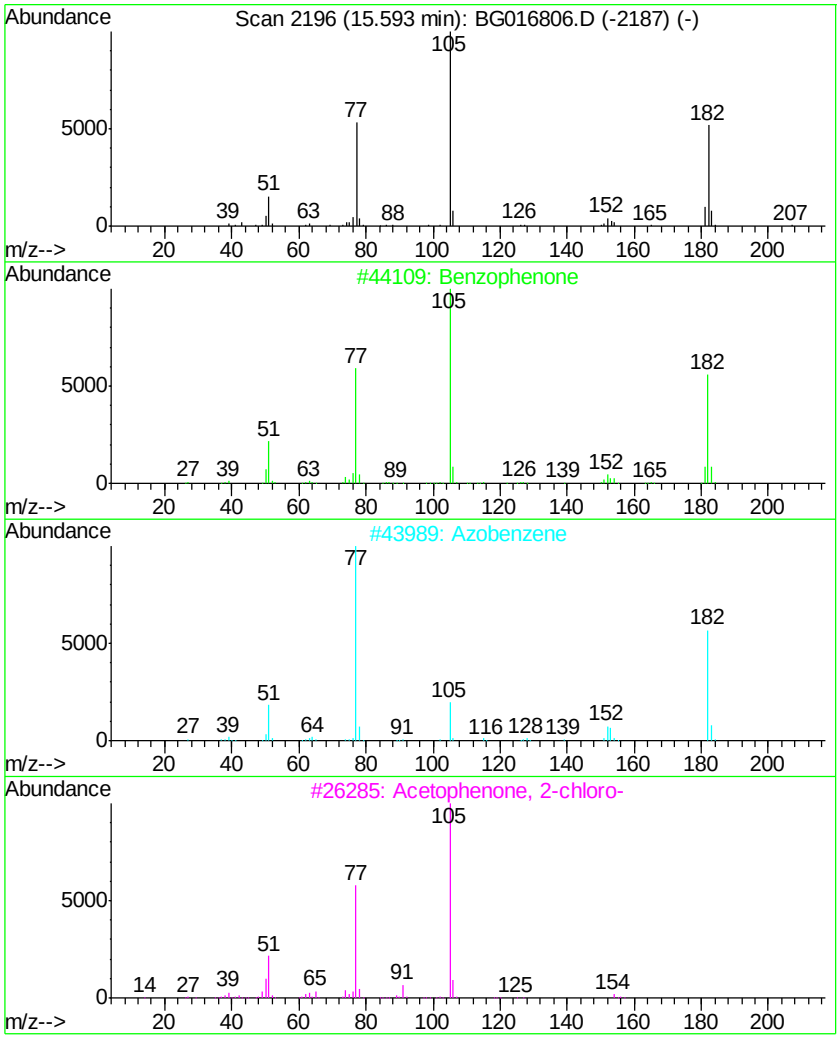
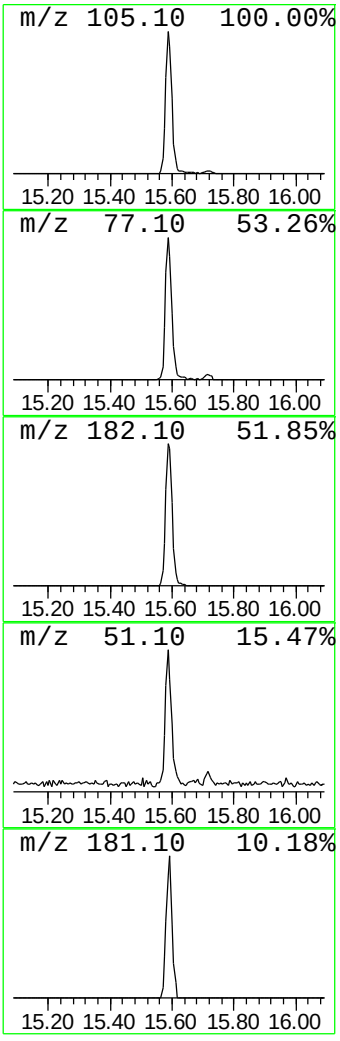
Peak Number 4 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	5.45 ng	120403	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	59
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46
4	2-Bromoisobutyrophenone	226	C10H11BrO	010409-54-8	43
5	S-Benzoyl(thiohydroxylamine)	153	C7H7NOS	025740-80-1	43





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Operator : TP/IZ
Sample : G2003-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-1(50-55)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.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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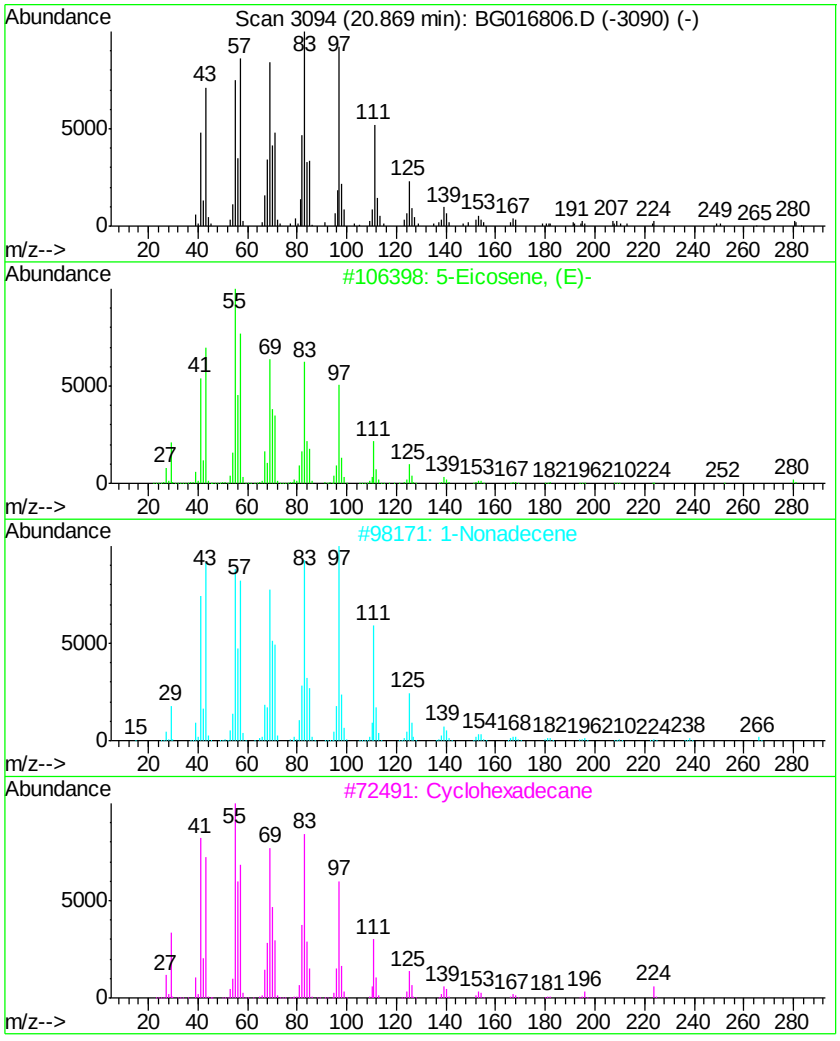
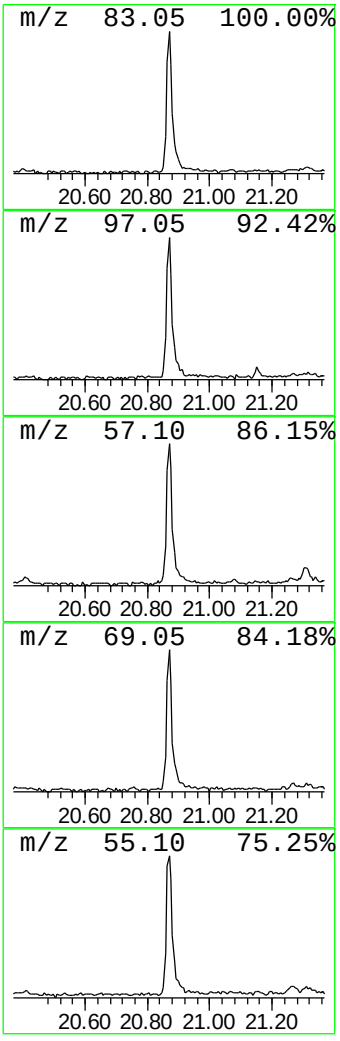
Peak Number 5 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	6.46 ng	216177	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Nonadecene	266	C19H38	018435-45-5	94
3	Cyclohexadecane	224	C16H32	000295-65-8	93
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042915\
Data File : BG016806.D
Acq On : 29 Apr 2015 19:30
Operator : TP/IZ
Sample : G2003-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-1(50-55)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.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-Pentanone, 4-hy...	4.67	16.3	ng	164835	1	7.56	201824	20.0
unknown7.10	7.10	89.2	ng	899982	1	7.56	201824	20.0
Benzophenone	15.59	5.5	ng	120403	3	14.22	442207	20.0
5-Eicosene, (E)-	20.87	6.5	ng	216177	5	21.16	668805	20.0