LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019919.D
Acq On : 5 Dec 2015 00:18
Operator : UM/NP
Sample : G4630-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FLATBUSH-FIELDBLANK1-12-1-15

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-BG120215.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	5.194	393	401	410	rBV	48501	74613	2.14%	0.493%
2	5.658	474	480	492	rVB	315626	497860	14.25%	3.287%
3	7.262	746	753	762	rBV	218948	369429	10.58%	2.439%
4	7.644	809	818	832	rBV	561037	958873	27.45%	6.330%
5	8.120	891	899	904	rBV	109346	184319	5.28%	1.217%
6	8.443	946	954	967	rVB	485923	841350	24.09%	5.555%
7	9.283	1090	1097	1106	rVB	435000	775567	22.21%	5.120%
8	10.934	1366	1378	1391	rVB	159278	283342	8.11%	1.871%
9	13.372	1786	1793	1800	rBV	1321007	2025871	58.00%	13.375%
10	14.747	2020	2027	2035	rVB2	273965	439210	12.57%	2.900%
11	16.228	2272	2279	2290	rBV	1165169	1725768	49.41%	11.393%
12	17.485	2486	2493	2504	rBV	371340	565556	16.19%	3.734%
13	17.838	2547	2553	2569	rBV	234219	307995	8.82%	2.033%
14	19.729	2870	2875	2883	rBV	438889	565775	16.20%	3.735%
15	20.094	2930	2937	2942	rBV	2542110	3492746	100.00%	23.059%
16	21.239	3127	3132	3142	rBV	268934	370198	10.60%	2.444%
17	21.757	3214	3220	3227	rVB	453110	750686	21.49%	4.956%
18	22.949	3417	3423	3432	rBV	88915	169713	4.86%	1.120%
19	25.047	3770	3780	3792	rVB2	241363	684924	19.61%	4.522%
20	25.435	3837	3846	3852	rBV8	19939	63316	1.81%	0.418%

Sum of corrected areas: 15147111

LSC Report - Integrated Chromatogram

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Data File : BG019919.D
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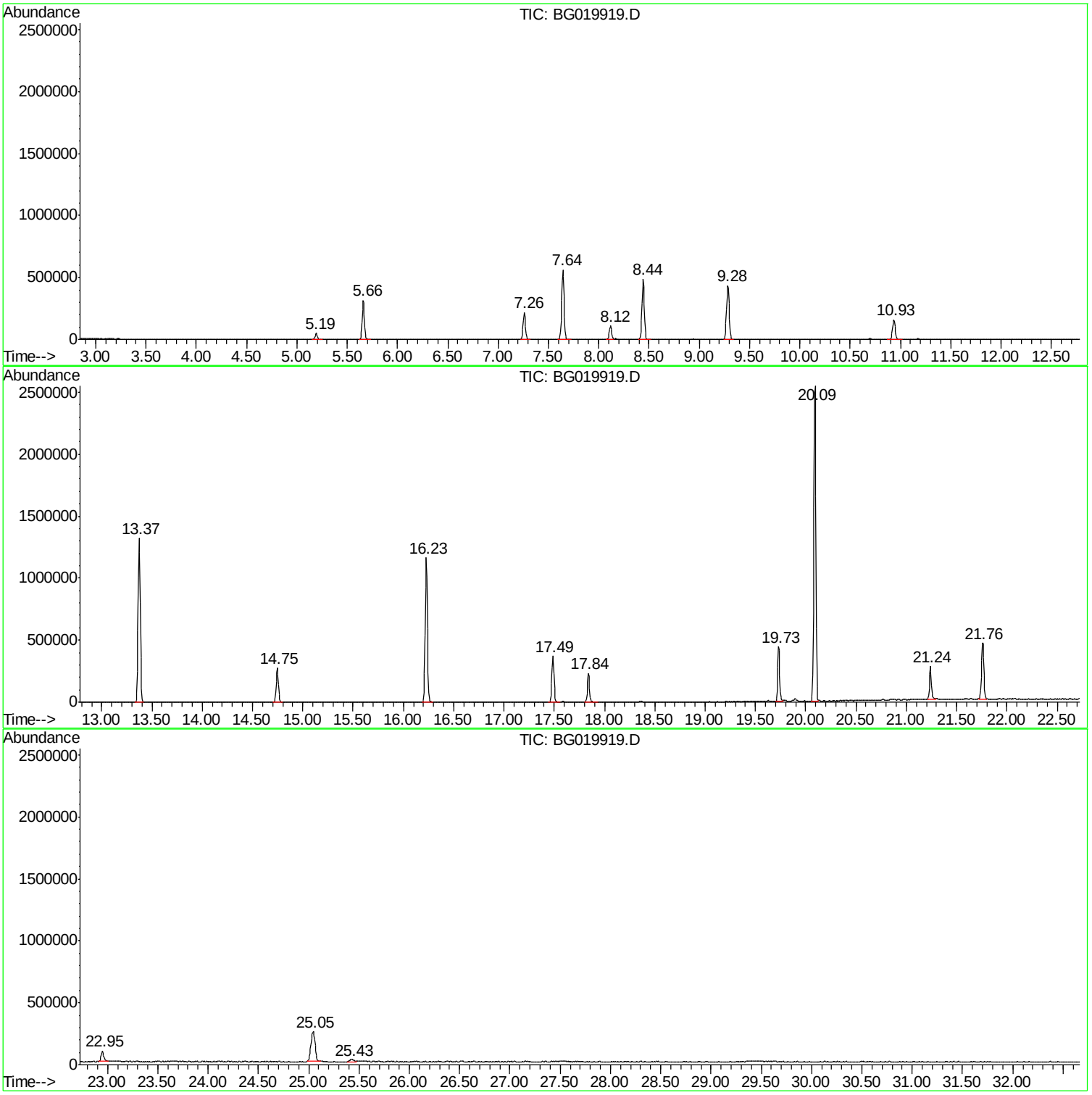
Operator : UM/NP
Sample : G4630-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FLATBUSH-FIELDBLANK1-12-1-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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\BG120415\
Data File : BG019919.D
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Operator : UM/NP
Sample : G4630-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FLATBUSH-FIELDBLANK1-12-1-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

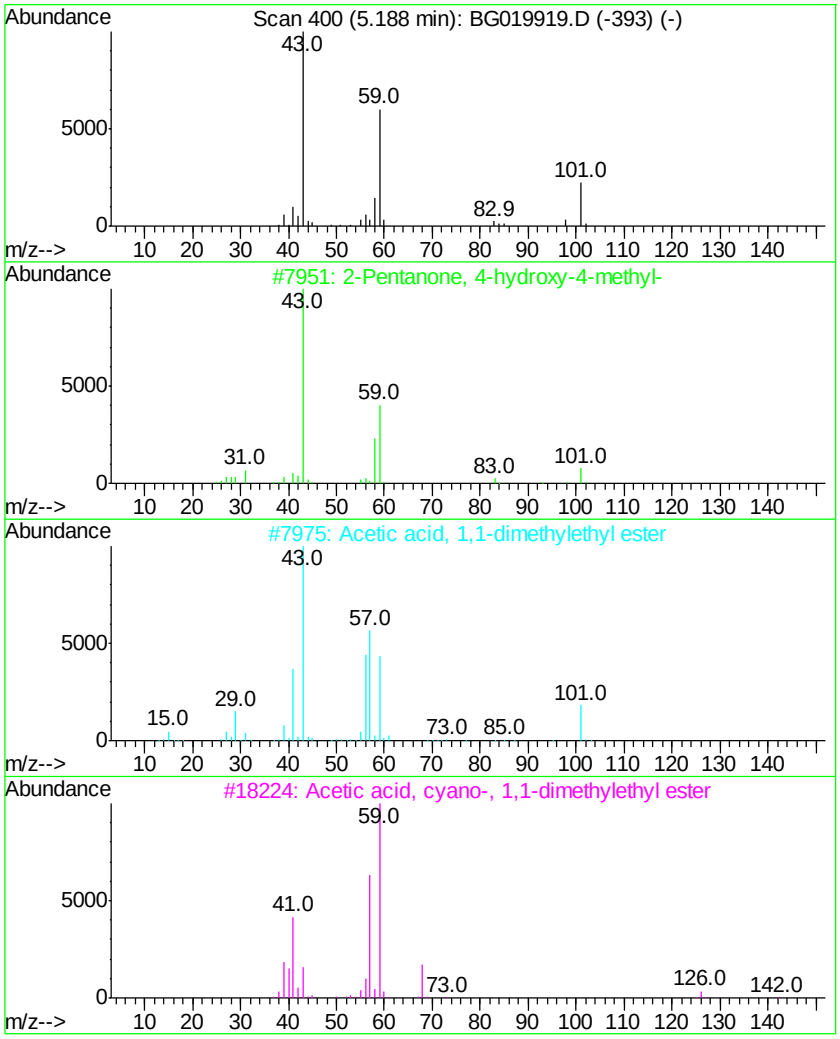
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

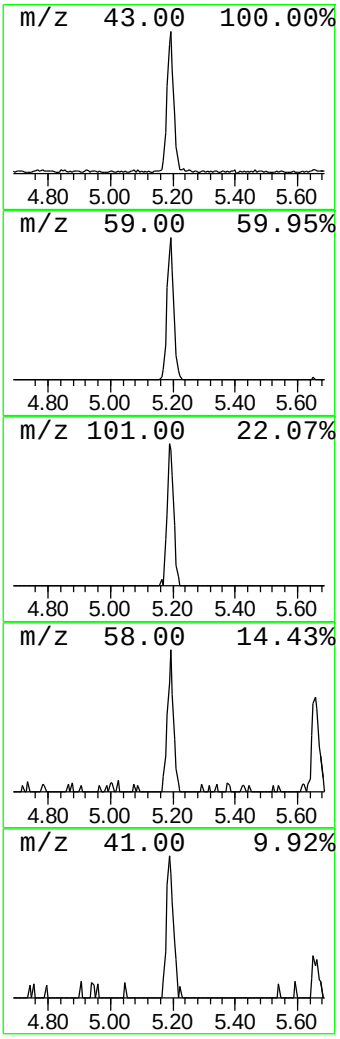
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	8.10 ng	74613	1,4-Dichlorobenzene-d4	8.12

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	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	t-Butyl ethyl ether	102	C6H14O	1000118-18-4	17
5	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019919.D
Acq On : 5 Dec 2015 00:18
Operator : UM/NP
Sample : G4630-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FLATBUSH-FIELDBLANK1-12-1-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

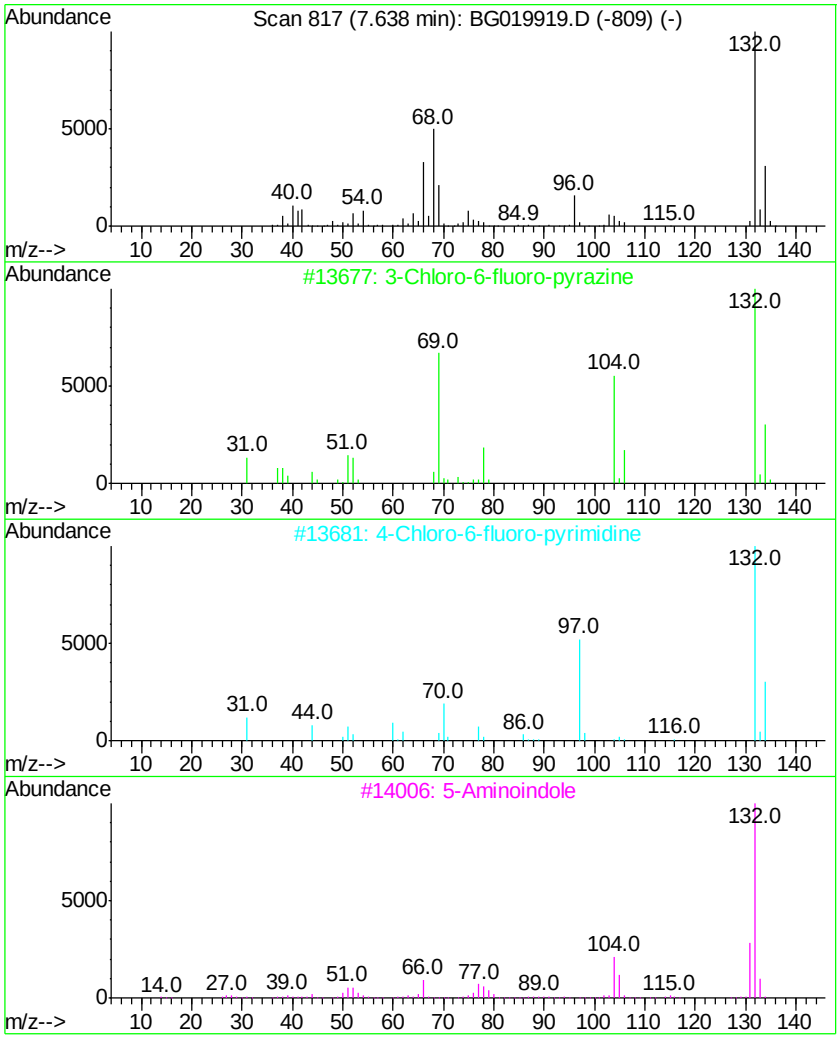
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

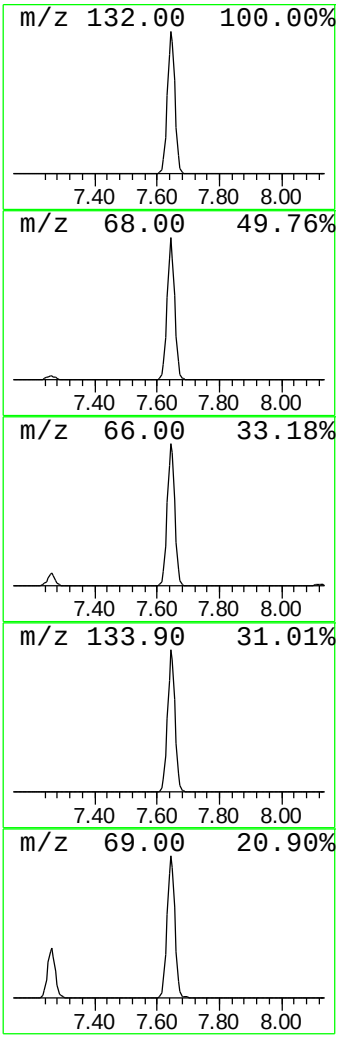
****

Peak Number 2 unknown7.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	104.05 ng	958873	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019919.D
Acq On : 5 Dec 2015 00:18
Operator : UM/NP
Sample : G4630-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FLATBUSH-FIELDBLANK1-12-1-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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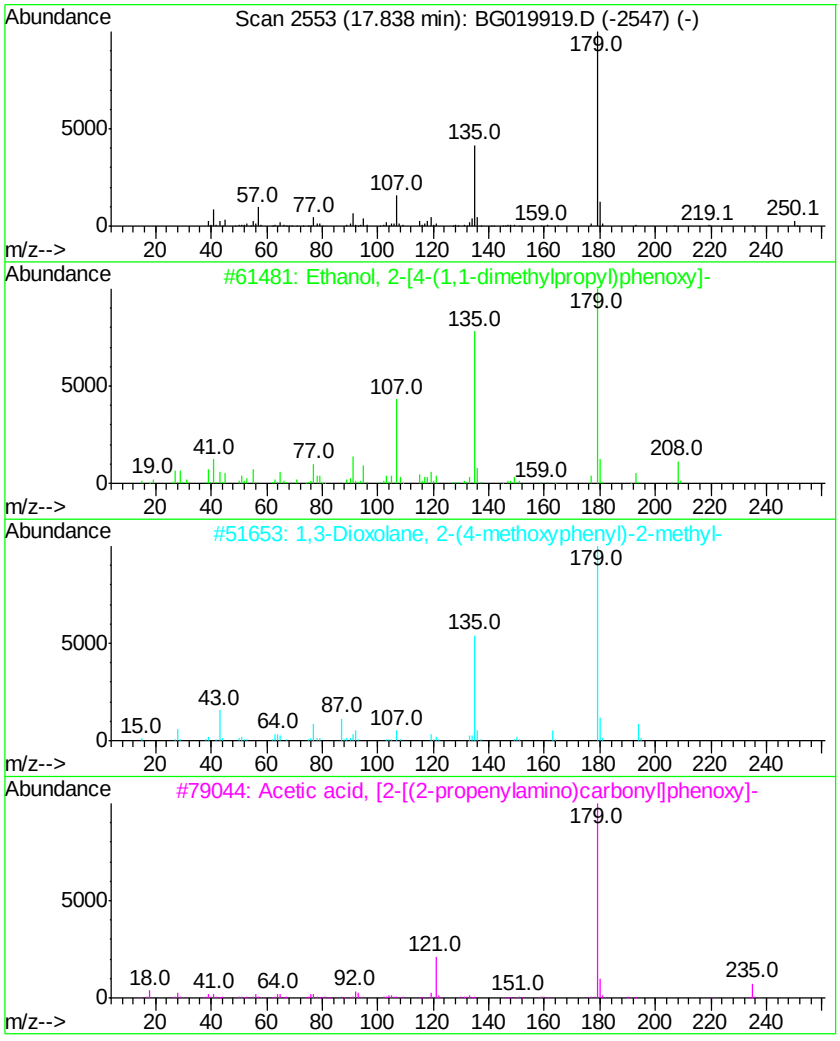
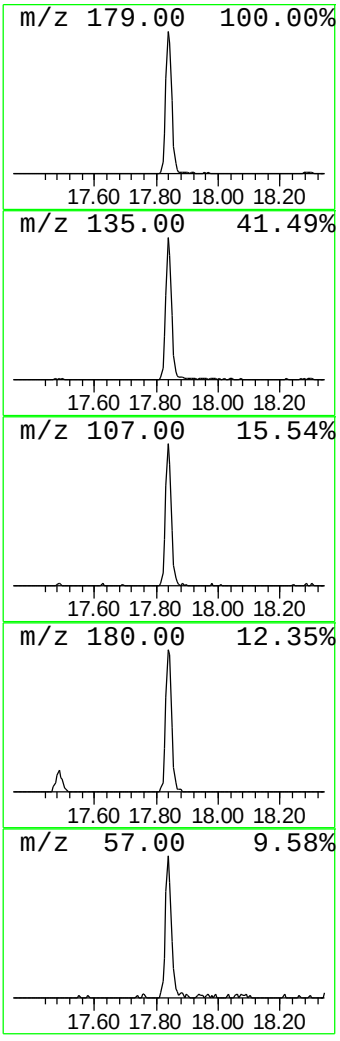
Peak Number 4 Ethanol, 2-[4-(1,1-dimethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	10.89 ng	307995	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[4-(1,1-dimethylpropy...	208	C13H20O2	006382-07-6	64
2	1,3-Dioxolane, 2-(4-methoxypheny...	194	C11H14O3	036881-00-2	50
3	Acetic acid, [2-[(2-propenylamin...	235	C12H13NO4	000119-45-9	43
4	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	40
5	2-(4-Formyl-phenoxy)-acetamide	179	C9H9NO3	135857-20-4	38





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Data File : BG019919.D
Acq On : 5 Dec 2015 00:18
Operator : UM/NP
Sample : G4630-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FLATBUSH-FIELDBLANK1-12-1-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

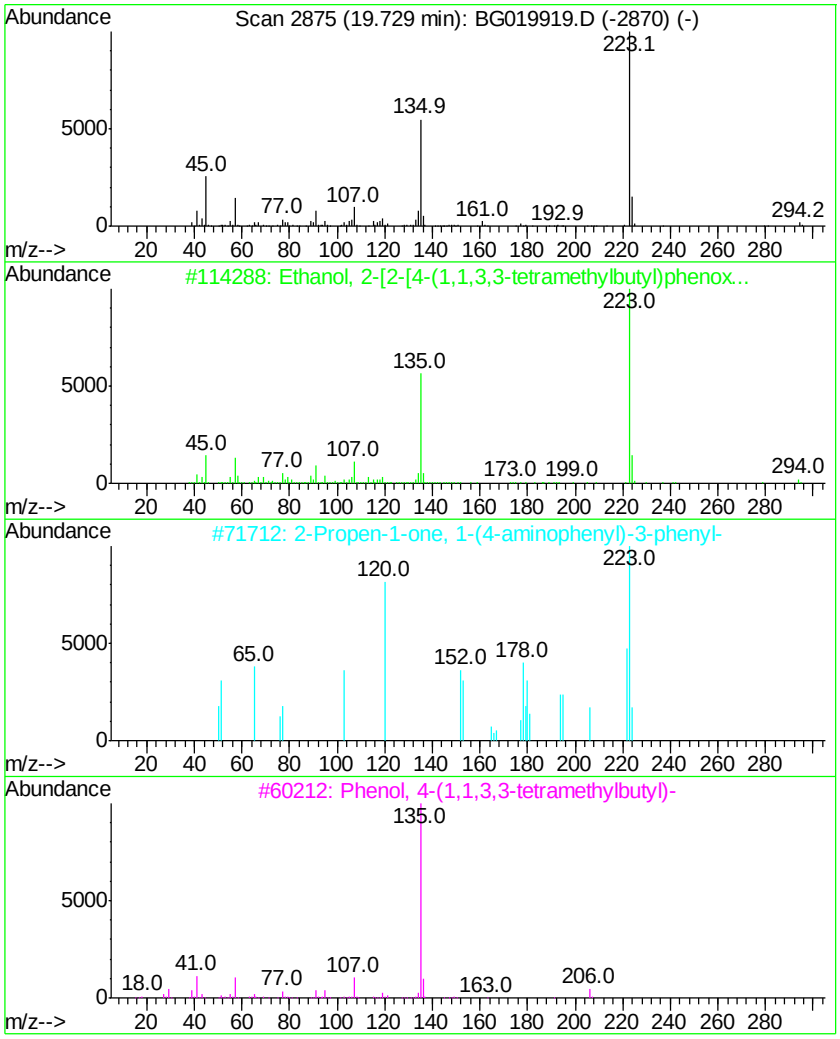
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

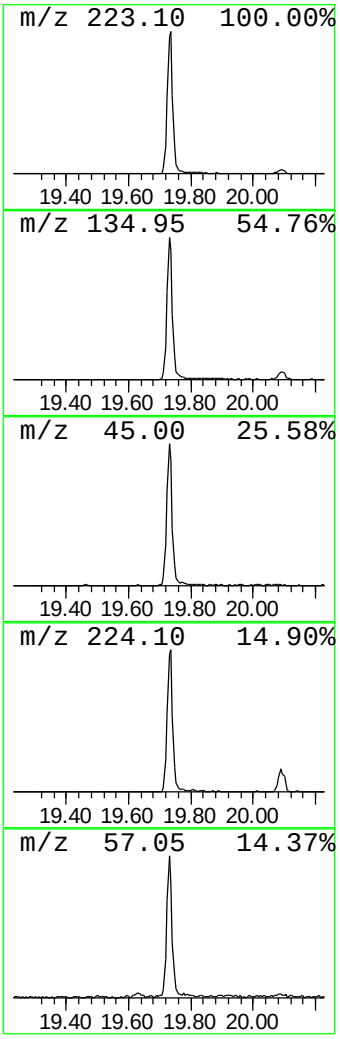
****

Peak Number 5 Ethanol, 2-[2-[4-(1,1,3,3-t... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	15.07 ng	565775	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	90
2	2-Propen-1-one, 1-(4-aminophenyl...	223	C15H13NO	002403-30-7	38
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	22
4	Propargite	350	C19H26O4S	002312-35-8	22
5	2-Methyl-2-(4'-hydroxyphenyl)pen...	192	C12H16O2	070205-18-4	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019919.D
Acq On : 5 Dec 2015 00:18
Operator : UM/NP
Sample : G4630-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FLATBUSH-FIELDBLANK1-12-1-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

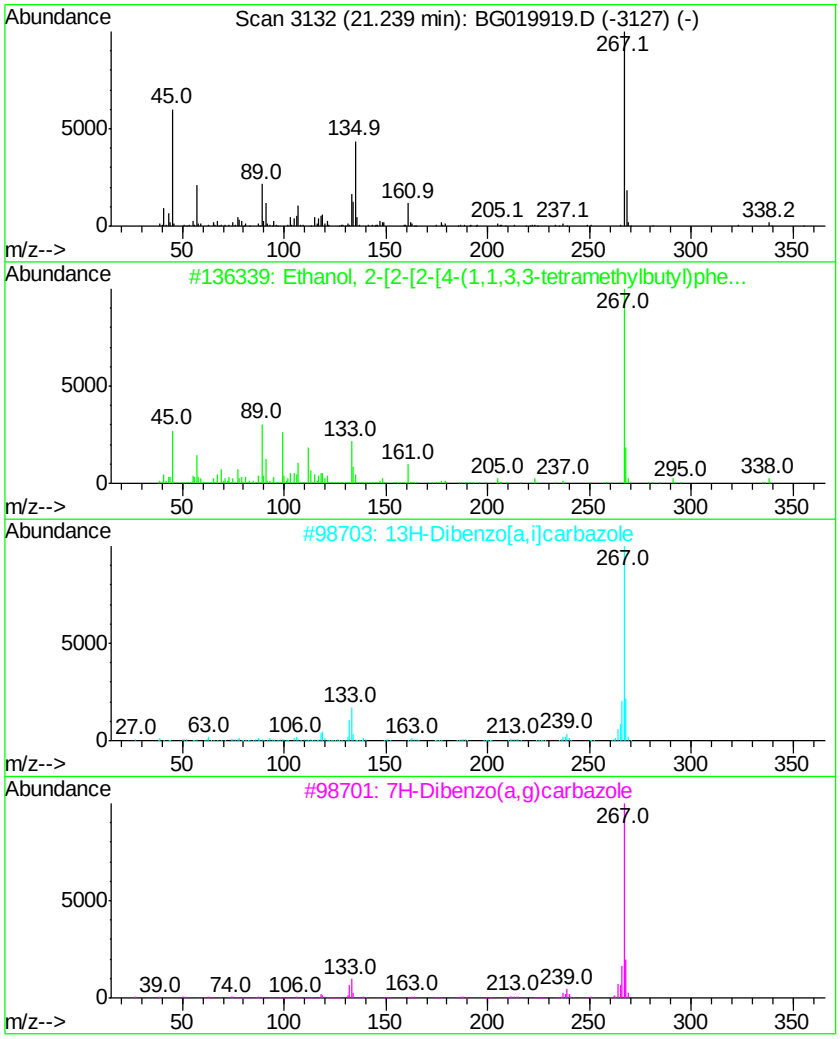
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

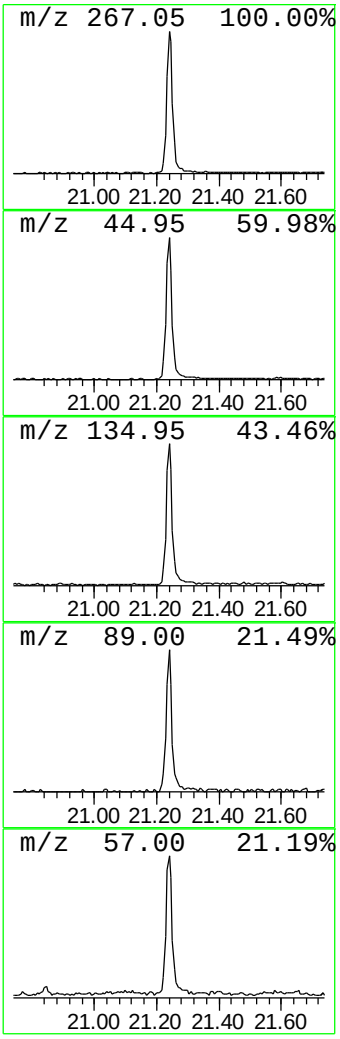
****

Peak Number 6 Ethanol, 2-[2-[2-[4-(1,1,3,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.24	9.86 ng	370198	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[2-[4-(1,1,3,3-tet...	338	C20H34O4	002315-62-0	97
2	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	46
3	7H-Dibenzo(a,g)carbazole	267	C20H13N	000207-84-1	35
4	5H-Naphtho[2,3-c]carbazole	267	C20H13N	000198-96-9	35
5	Pyrido[2,3-d]pyrimidin-5(8H)-one...	267	C15H13N3O2	1000260-26-0	27





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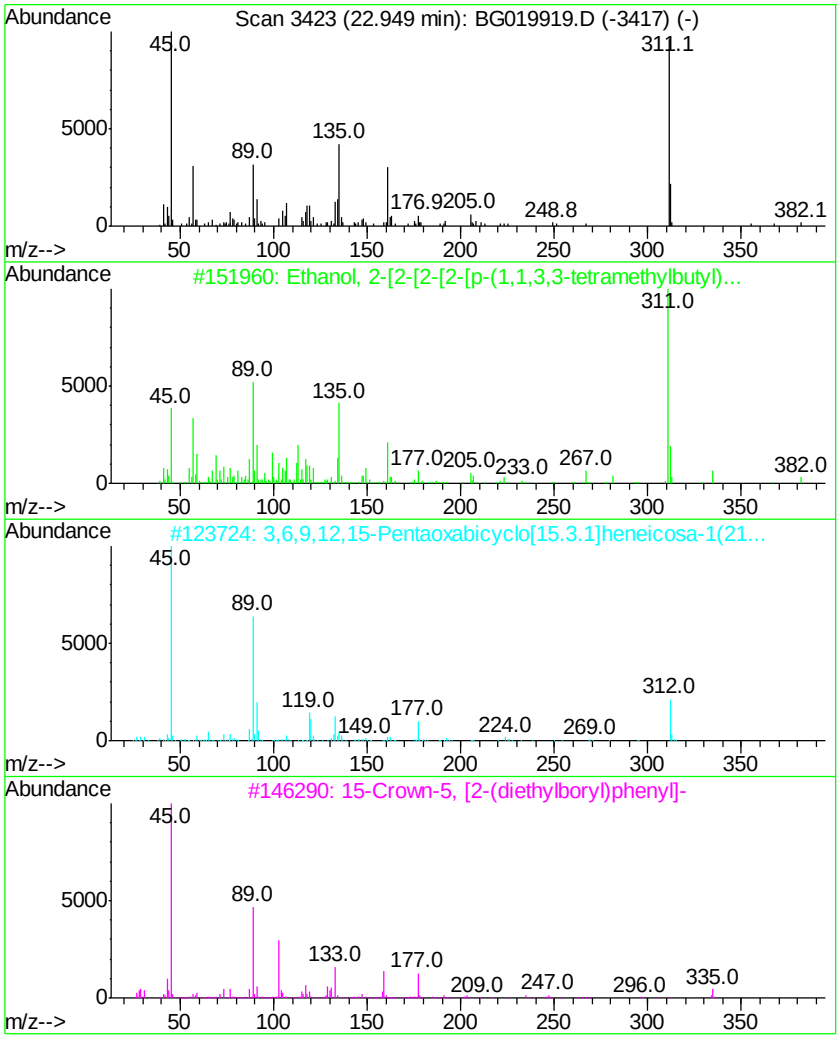
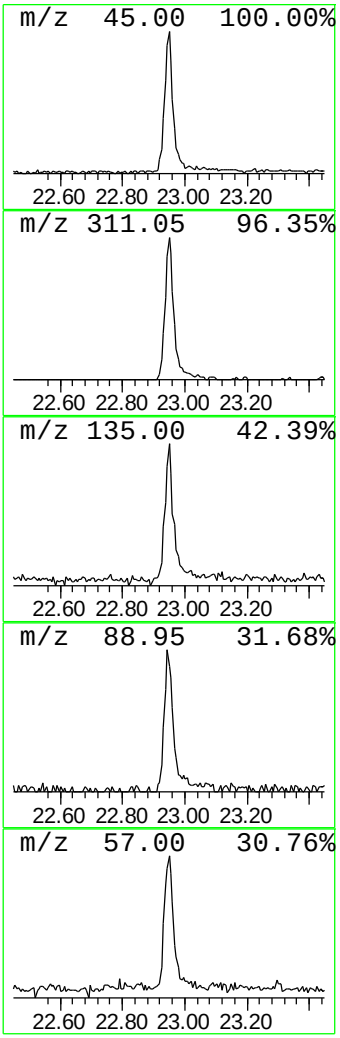
****

Peak Number 7 unknown22.95 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	4.52 ng	169713	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[2-[2-[p-(1,1,3,3-...	382	C22H38O5	002315-63-1	36
2	3,6,9,12,15-Pentaoxabicyclo[15.3...	312	C16H24O6	065112-36-9	27
3	15-Crown-5, [2-(diethylboryl)phe...	364	C20H33BO5	1000162-41-9	12
4	Octaethylene glycol	370	C16H34O9	1000289-34-2	12
5	5,16-Pregnadien-3-ol-20-one, 3-a...	371	C23H33NO3	1000126-69-5	10





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
2-Pentanone, 4-hy...	5.19	8.1	ng	74613	1	8.12	184319	20.0
unknown7.64	7.64	104.1	ng	958873	1	8.12	184319	20.0
Ethanol, 2-[4-(1,...	17.84	10.9	ng	307995	4	17.49	565556	20.0
Ethanol, 2-[2-[4-...	19.73	15.1	ng	565775	5	21.76	750686	20.0
Ethanol, 2-[2-[2-...	21.24	9.9	ng	370198	5	21.76	750686	20.0
unknown22.95	22.95	4.5	ng	169713	5	21.76	750686	20.0