LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
Data File : BG019135.D
Acq On : 11 Oct 2015 2:17
Operator : UM/NP
Sample : G3929-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-05

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-BG101015.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	3.144	46	52	60	rBV	64428	108435	5.52%	1.226%
2	3.214	60	64	77	rVB	225572	302441	15.40%	3.418%
3	5.136	384	391	399	rBV	74108	105702	5.38%	1.195%
4	5.606	464	471	481	rBV	151418	241157	12.28%	2.726%
5	7.192	734	741	750	rBV	105356	170580	8.69%	1.928%
6	7.562	797	804	812	rBV	307776	516841	26.32%	5.841%
7	8.032	878	884	891	rVB	63589	102600	5.22%	1.160%
8	8.355	931	939	946	rBV	293218	488751	24.89%	5.524%
9	9.190	1073	1081	1091	rVB	264903	477633	24.32%	5.398%
10	10.694	1332	1337	1343	rBV2	12883	19680	1.00%	0.222%
11	10.835	1353	1361	1368	rBV	92089	163211	8.31%	1.845%
12	13.285	1771	1778	1786	rBV	788513	1208822	61.55%	13.662%
13	14.660	2003	2012	2019	rBV2	175805	272392	13.87%	3.079%
14	16.040	2242	2247	2252	rBV2	39848	55820	2.84%	0.631%
15	16.146	2259	2265	2283	rVB	700021	1075864	54.78%	12.160%
16	16.487	2316	2323	2328	rBV	35289	52542	2.68%	0.594%
17	16.540	2328	2332	2339	rVV3	35268	66455	3.38%	0.751%
18	16.604	2339	2343	2347	rVV2	34287	49017	2.50%	0.554%
19	16.651	2347	2351	2355	rVB	20513	27848	1.42%	0.315%
20	16.804	2372	2377	2384	rVB4	25752	48249	2.46%	0.545%
21	16.869	2384	2388	2392	rBV	37559	52568	2.68%	0.594%
22	16.945	2398	2401	2408	rVB	18151	23563	1.20%	0.266%
23	17.404	2472	2479	2486	rBV	238358	362348	18.45%	4.095%
24	20.018	2918	2924	2930	rBV	1450701	1963869	100.00%	22.196%
25	21.675	3199	3206	3214	rBV	285870	455017	23.17%	5.143%
26	24.907	3741	3756	3769	rBV2	154868	436439	22.22%	4.933%

Sum of corrected areas: 8847844

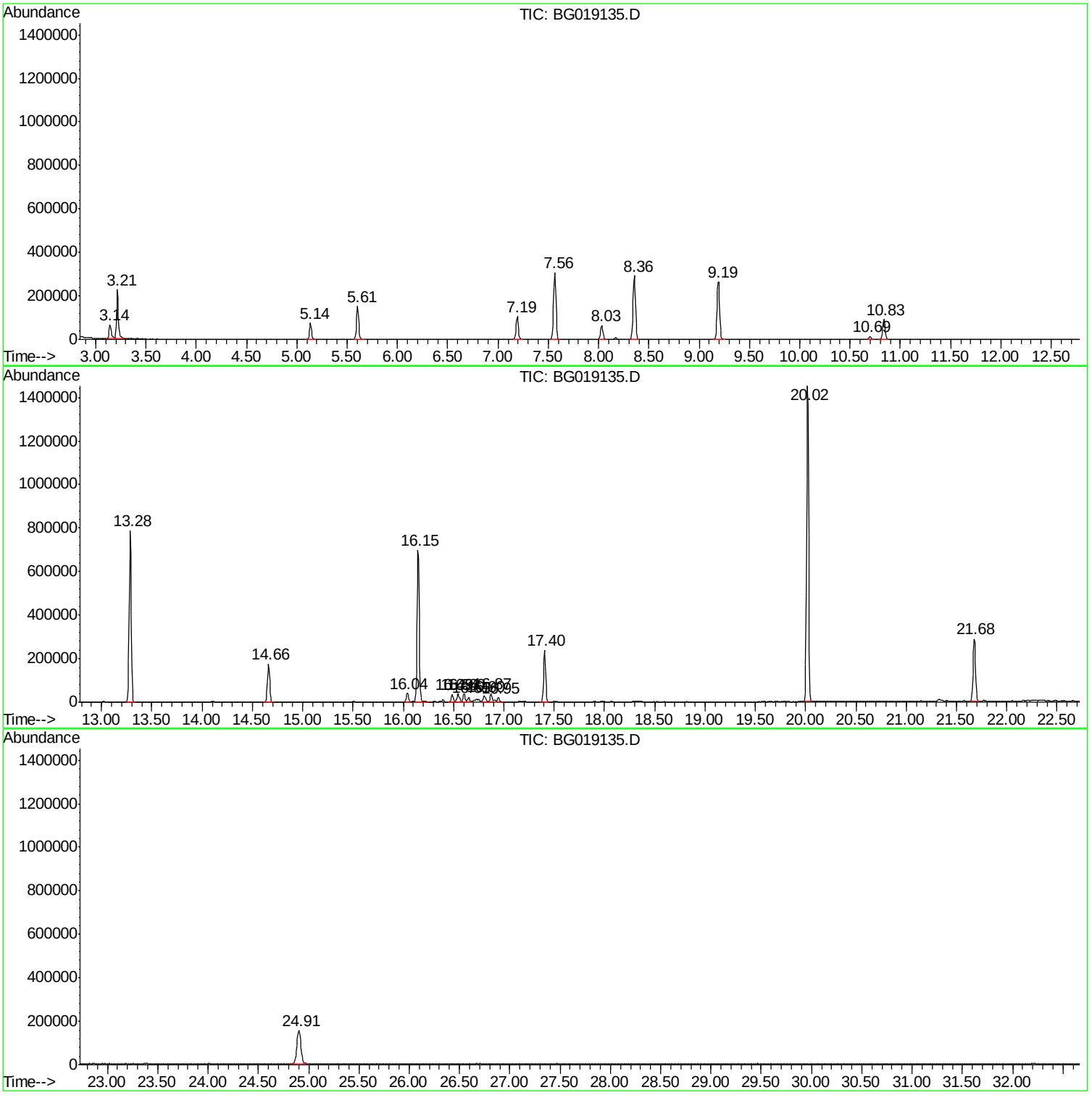
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
Data File : BG019135.D
Acq On : 11 Oct 2015 2:17
Operator : UM/NP
Sample : G3929-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-05

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.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\BG101015\
Data File : BG019135.D
Acq On : 11 Oct 2015 2:17
Operator : UM/NP
Sample : G3929-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-05

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

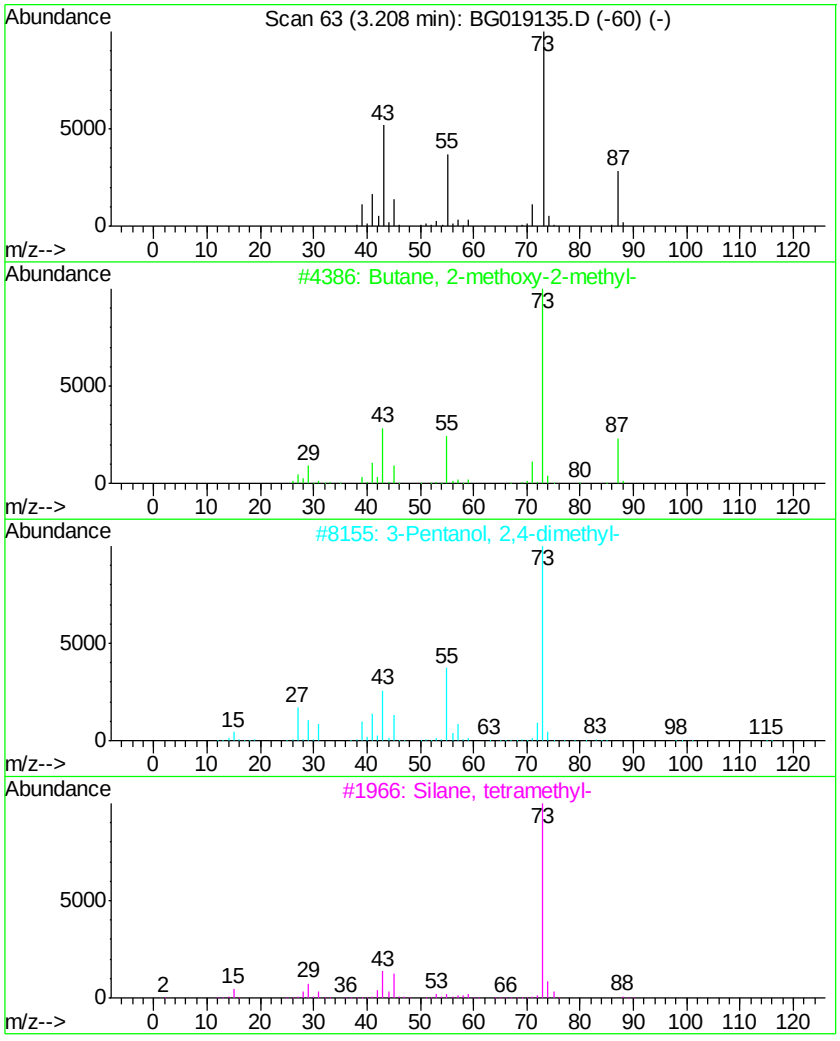
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

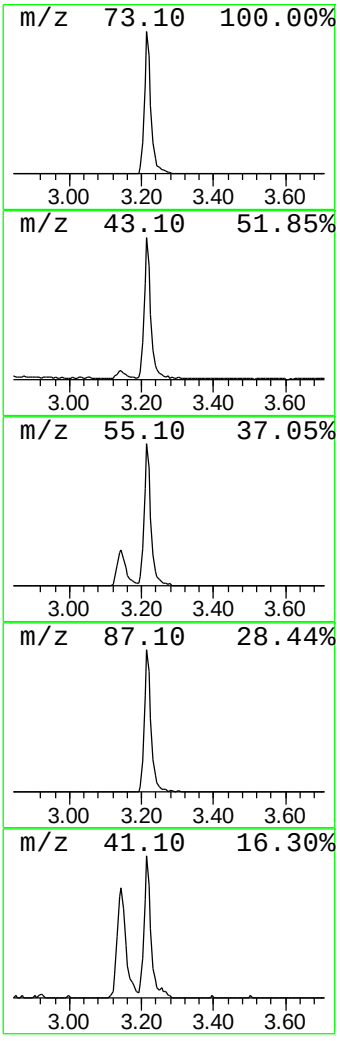
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	58.96 ng	302441	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
Data File : BG019135.D
Acq On : 11 Oct 2015 2:17
Operator : UM/NP
Sample : G3929-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-05

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

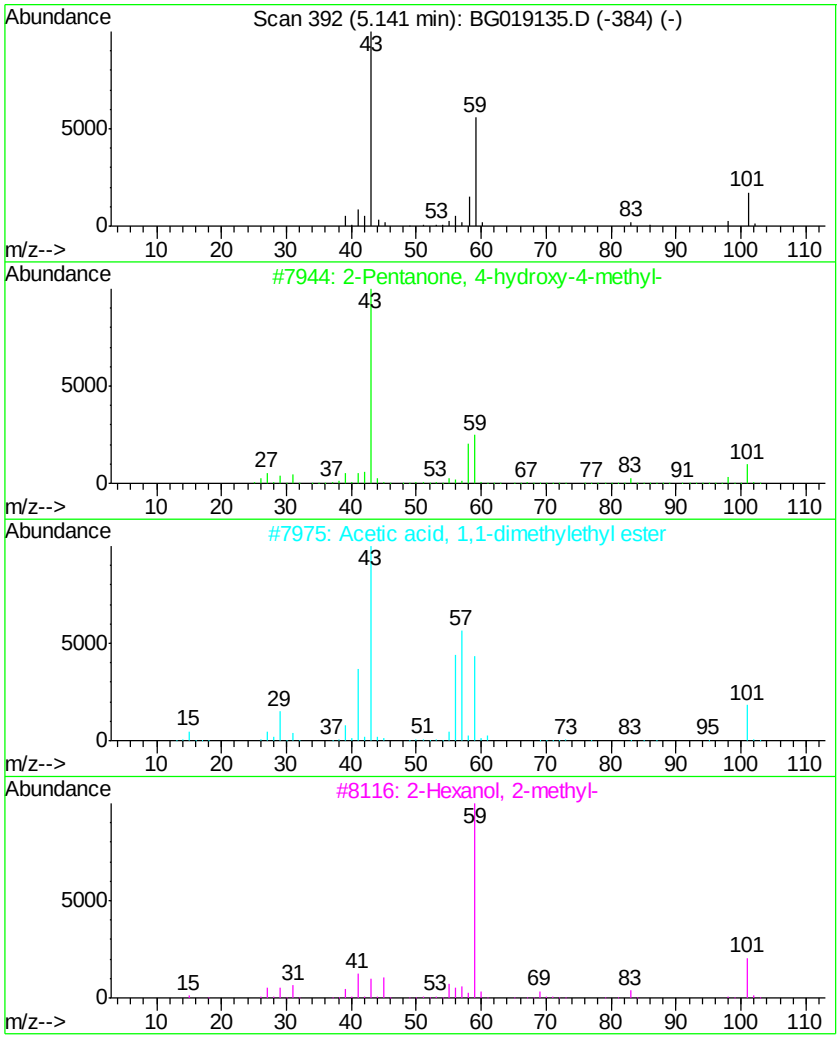
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

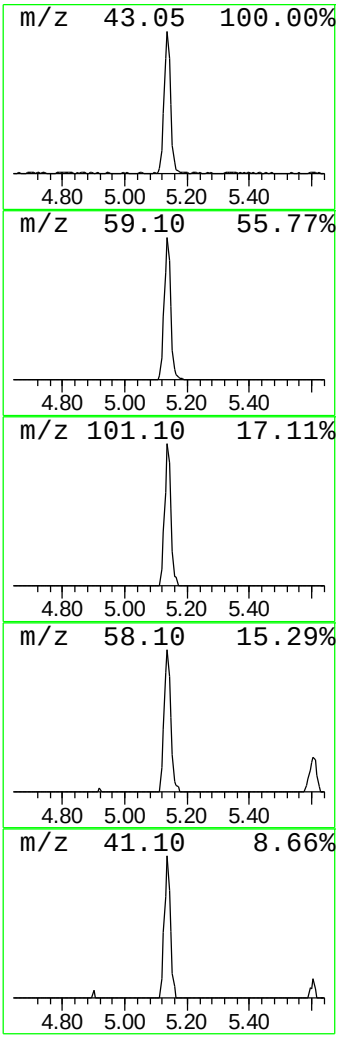
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	20.60 ng	105702	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	50
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
Data File : BG019135.D
Acq On : 11 Oct 2015 2:17
Operator : UM/NP
Sample : G3929-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-05

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

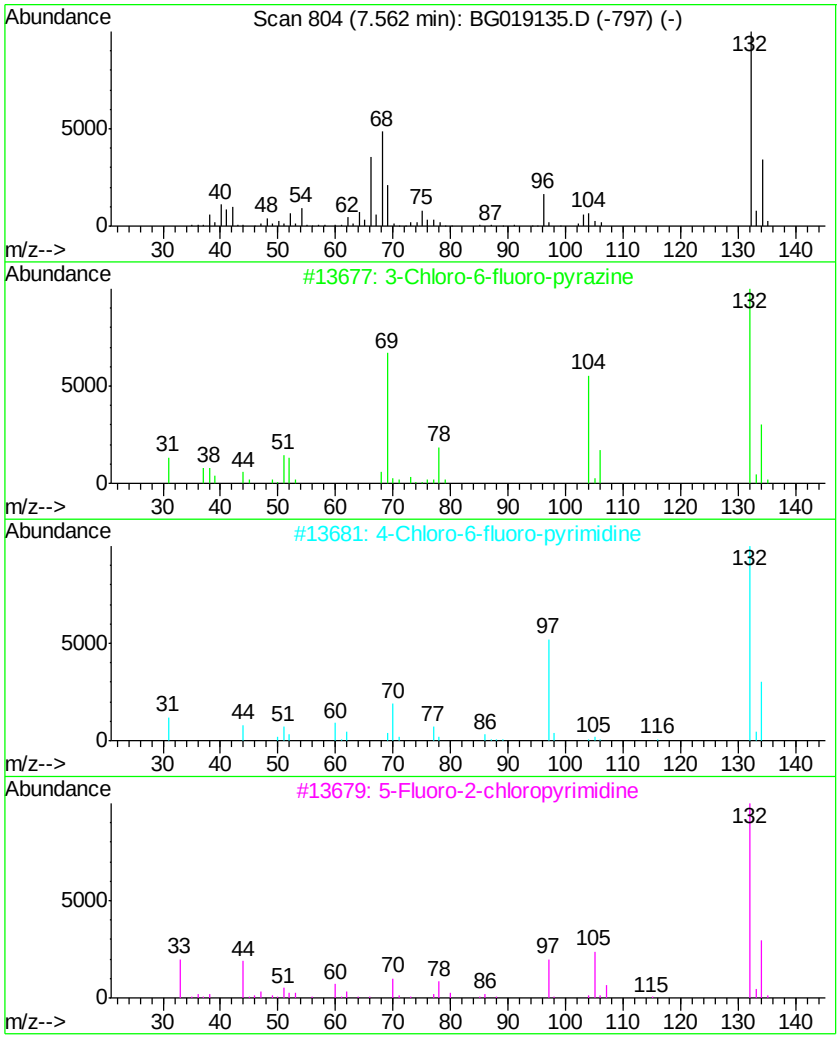
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

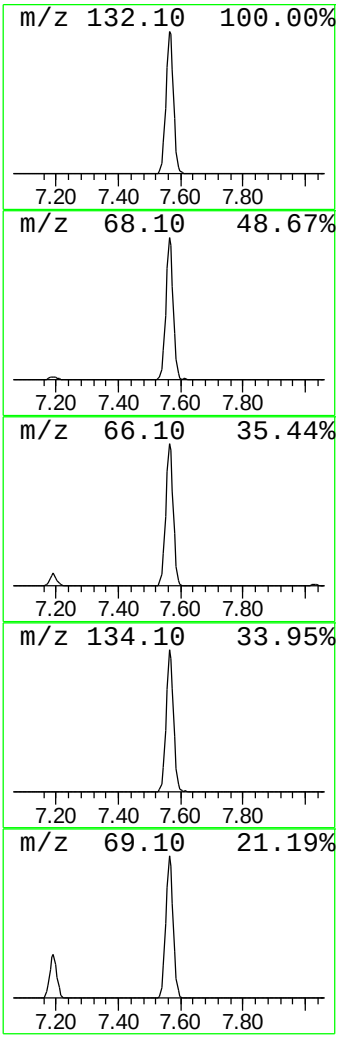
****

Peak Number 4 unknown7.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	100.75 ng	516841	1,4-Dichlorobenzene-d4	8.03

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-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
Data File : BG019135.D
Acq On : 11 Oct 2015 2:17
Operator : UM/NP
Sample : G3929-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-05

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

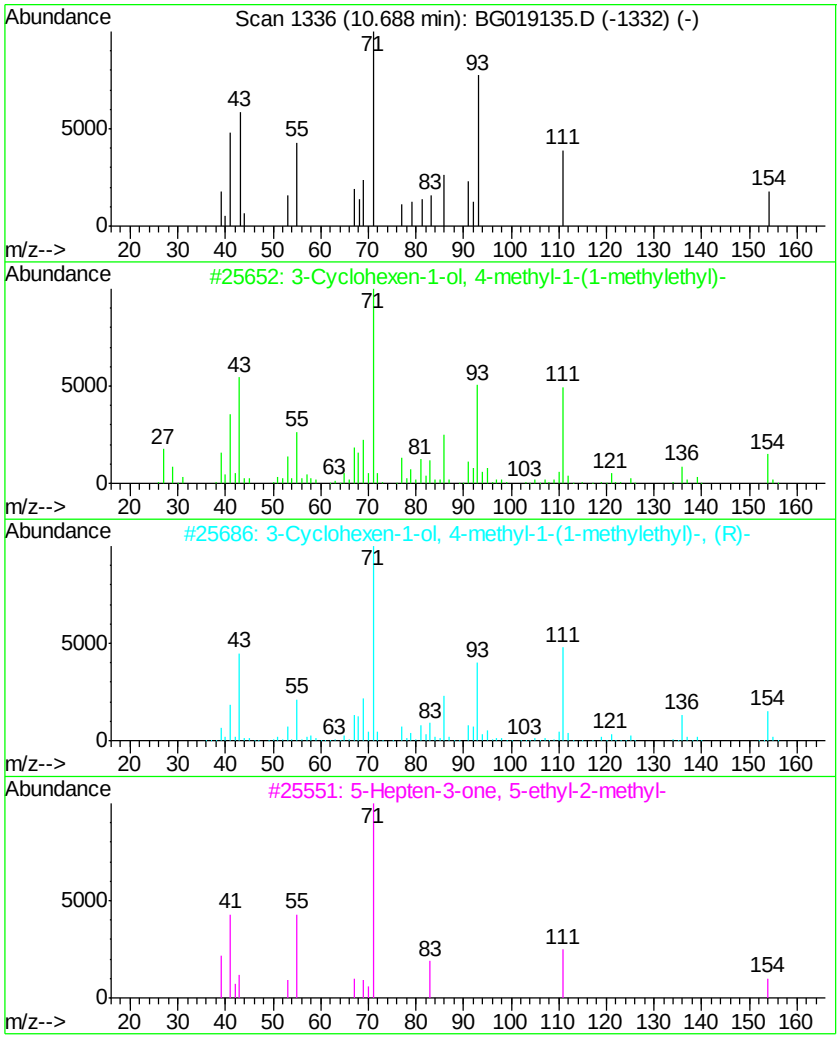
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

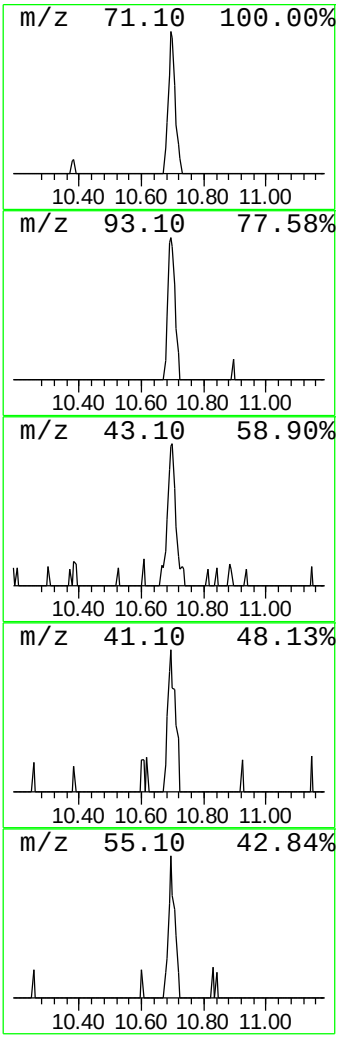
****

Peak Number 6 3-Cyclohexen-1-ol, 4-methyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	2.41 ng	19680	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclohexen-1-ol, 4-methyl-1-(1...	154	C10H18O	000562-74-3	90
2	3-Cyclohexen-1-ol, 4-methyl-1-(1...	154	C10H18O	020126-76-5	72
3	5-Hepten-3-one, 5-ethyl-2-methyl-	154	C10H18O	049833-97-8	38
4	Eucalyptol	154	C10H18O	000470-82-6	27
5	2-Butene, 1-methoxy-, (E)-	86	C5H10O	010034-14-7	27





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
Data File : BG019135.D
Acq On : 11 Oct 2015 2:17
Operator : UM/NP
Sample : G3929-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-05

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

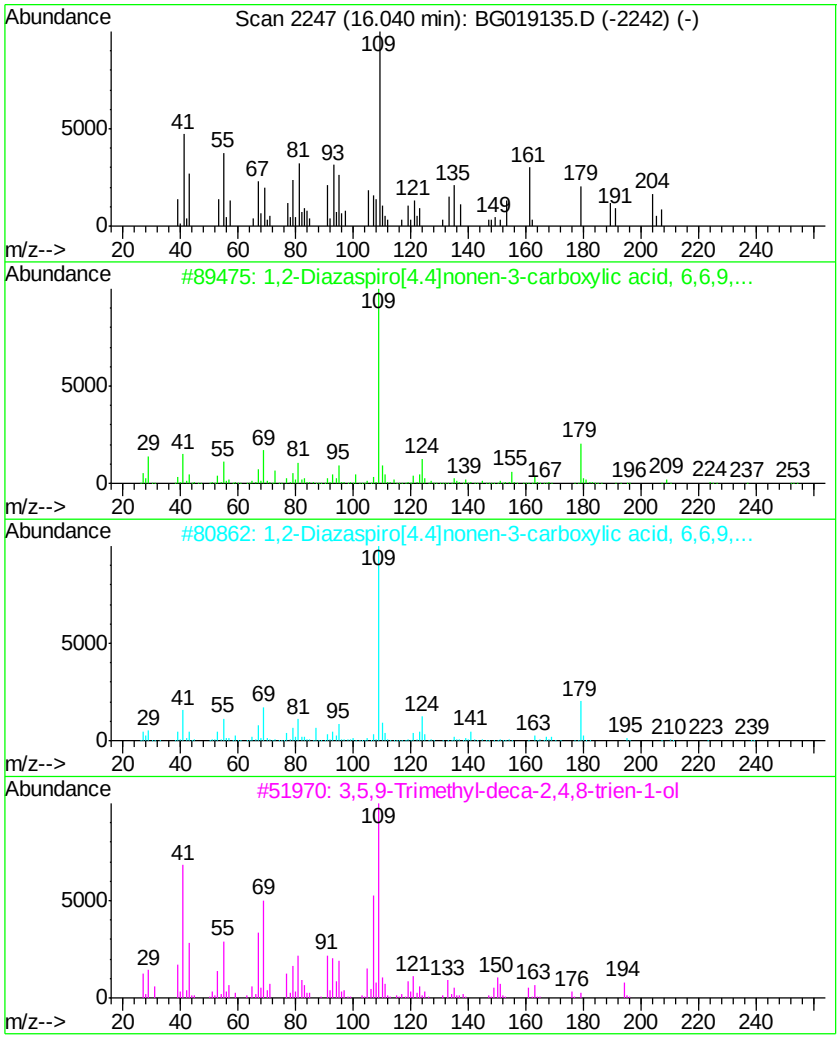
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

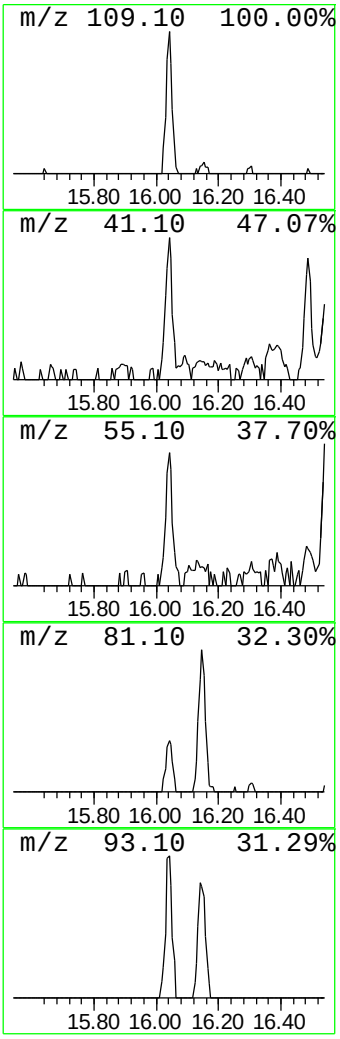
****

Peak Number 7 unknown16.04 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	3.08 ng	55820	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Diazaspiro[4.4]nonen-3-carbo...	252	C14H24N2O2	1000164-25-9	38
2	1,2-Diazaspiro[4.4]nonen-3-carbo...	238	C13H22N2O2	1000164-25-8	38
3	3,5,9-Trimethyl-deca-2,4,8-trien...	194	C13H22O	1000188-00-3	38
4	Butanamide, N-(4-hydroxyphenyl)-	179	C10H13NO2	000101-91-7	35
5	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
Data File : BG019135.D
Acq On : 11 Oct 2015 2:17
Operator : UM/NP
Sample : G3929-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-05

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

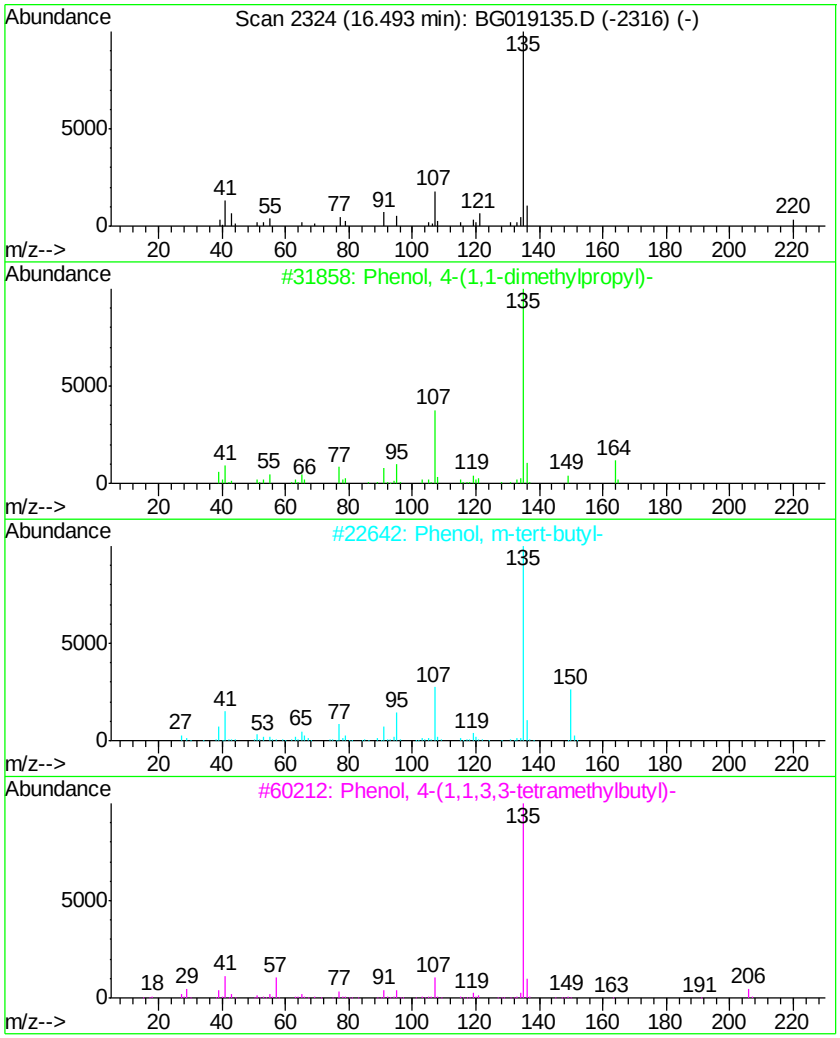
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

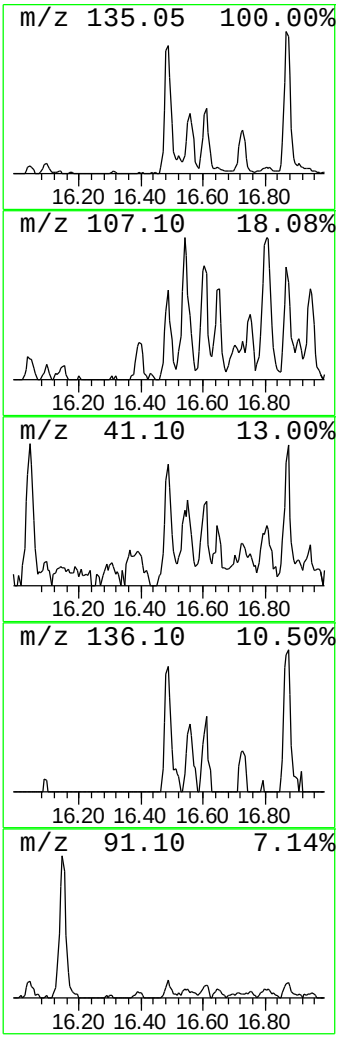
****

Peak Number 8 Phenol, 4-(1,1-dimethylprop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	2.90 ng	52542	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	78
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
4	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	64
5	Hexestrol	270	C18H22O2	005635-50-7	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
Data File : BG019135.D
Acq On : 11 Oct 2015 2:17
Operator : UM/NP
Sample : G3929-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-05

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

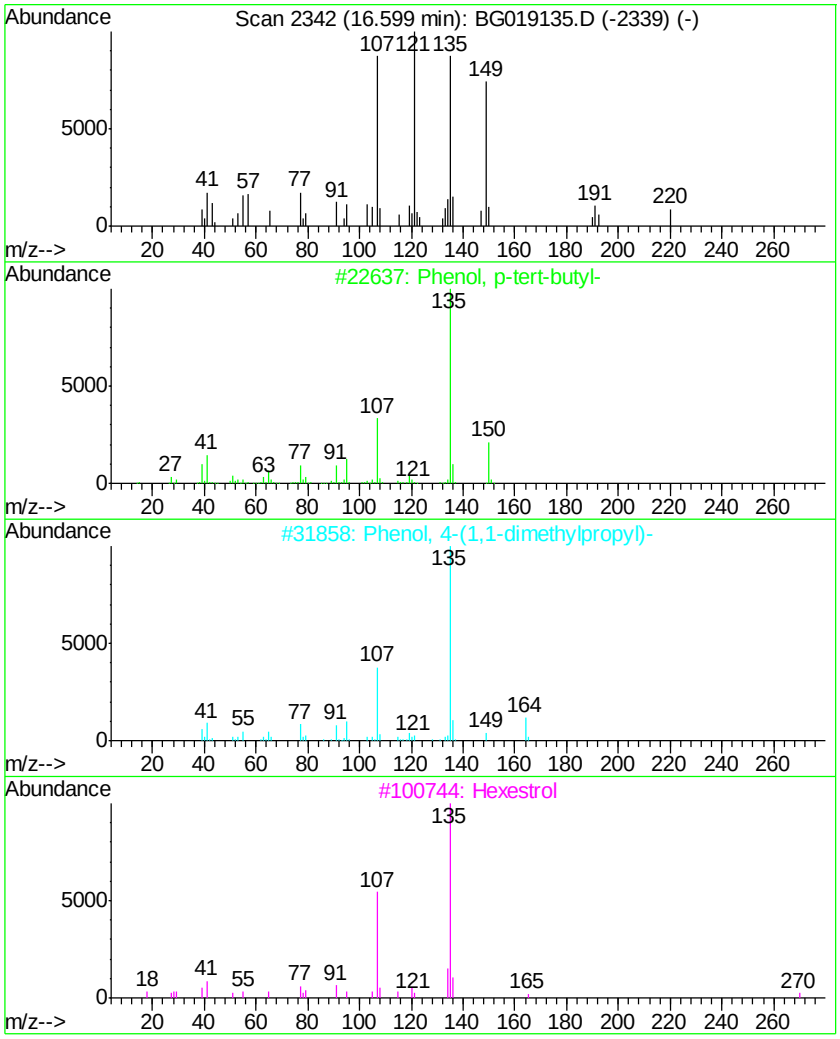
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

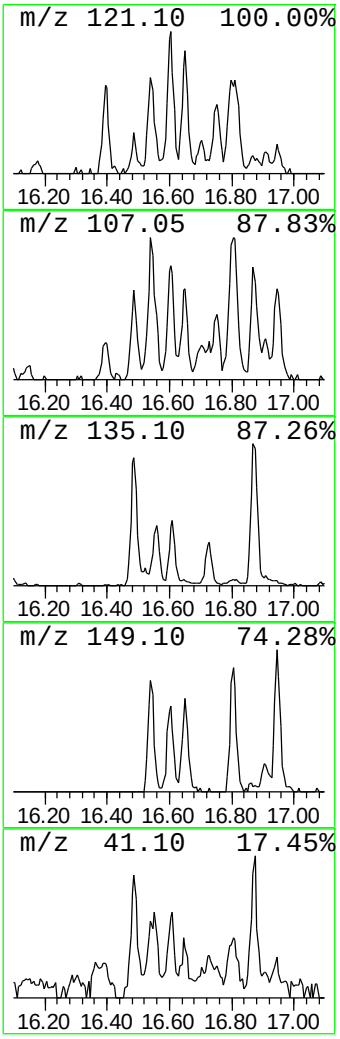
****

Peak Number 10 Phenol, p-tert-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	2.71 ng	49017	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	53
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	47
3	Hexestrol	270	C18H22O2	005635-50-7	47
4	Benzestrol	298	C20H26O2	000085-95-0	35
5	1-n-butyladamantane	192	C14H24	014449-41-3	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
Data File : BG019135.D
Acq On : 11 Oct 2015 2:17
Operator : UM/NP
Sample : G3929-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-05

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

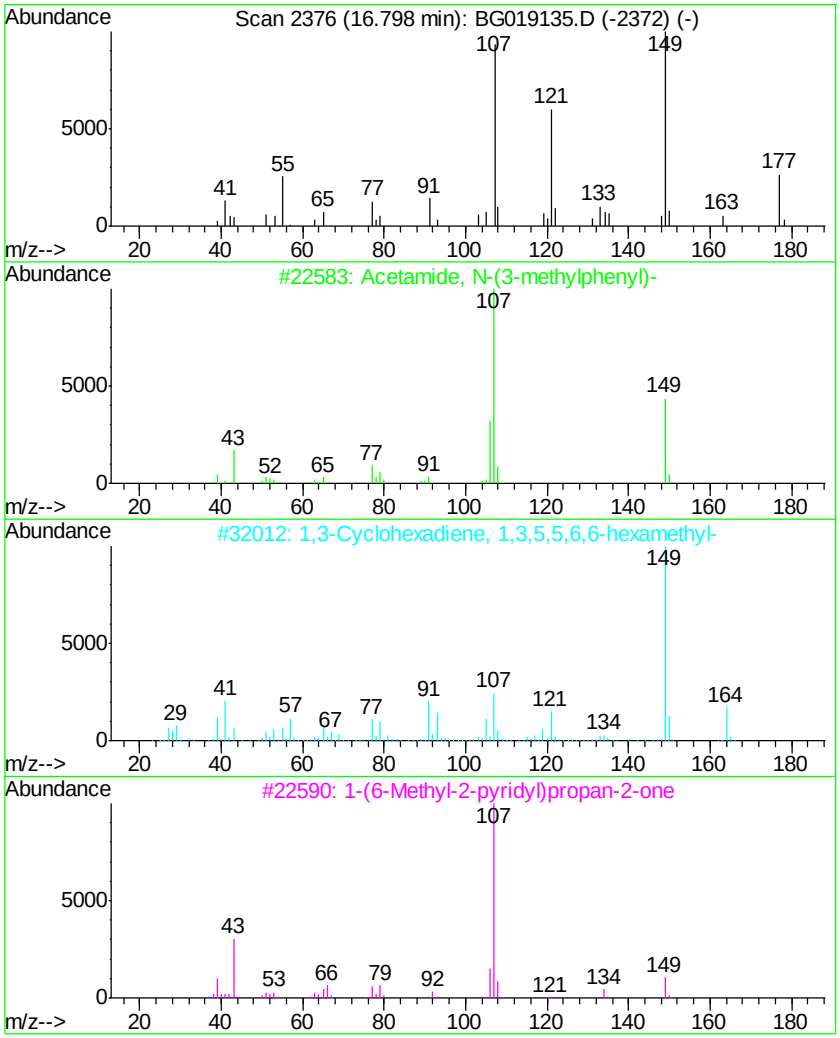
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

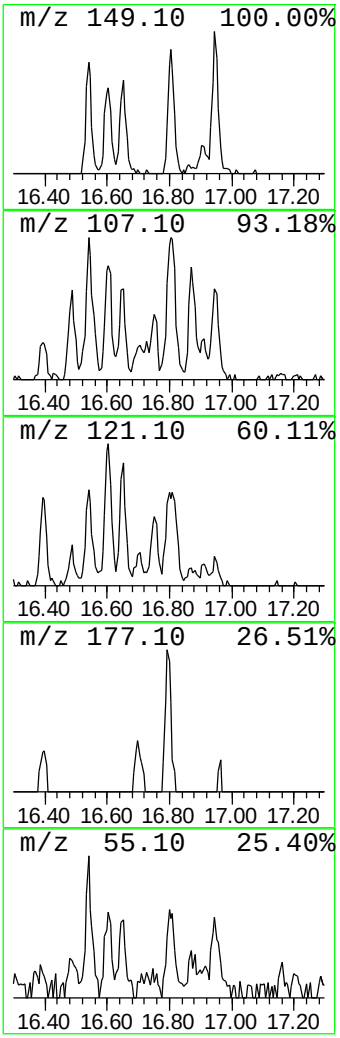
****

Peak Number 11 Acetamide, N-(3-methylphenyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	2.66 ng	48249	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	53
2	1,3-Cyclohexadiene, 1,3,5,5,6,6-...	164	C12H20	1000150-39-4	43
3	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	42
4	3',4'-Formoxylidide	149	C9H11NO	006639-60-7	35
5	Phenol, 4-(2-methylpropyl)-	150	C10H14O	004167-74-2	30





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
Data File : BG019135.D
Acq On : 11 Oct 2015 2:17
Operator : UM/NP
Sample : G3929-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-05

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

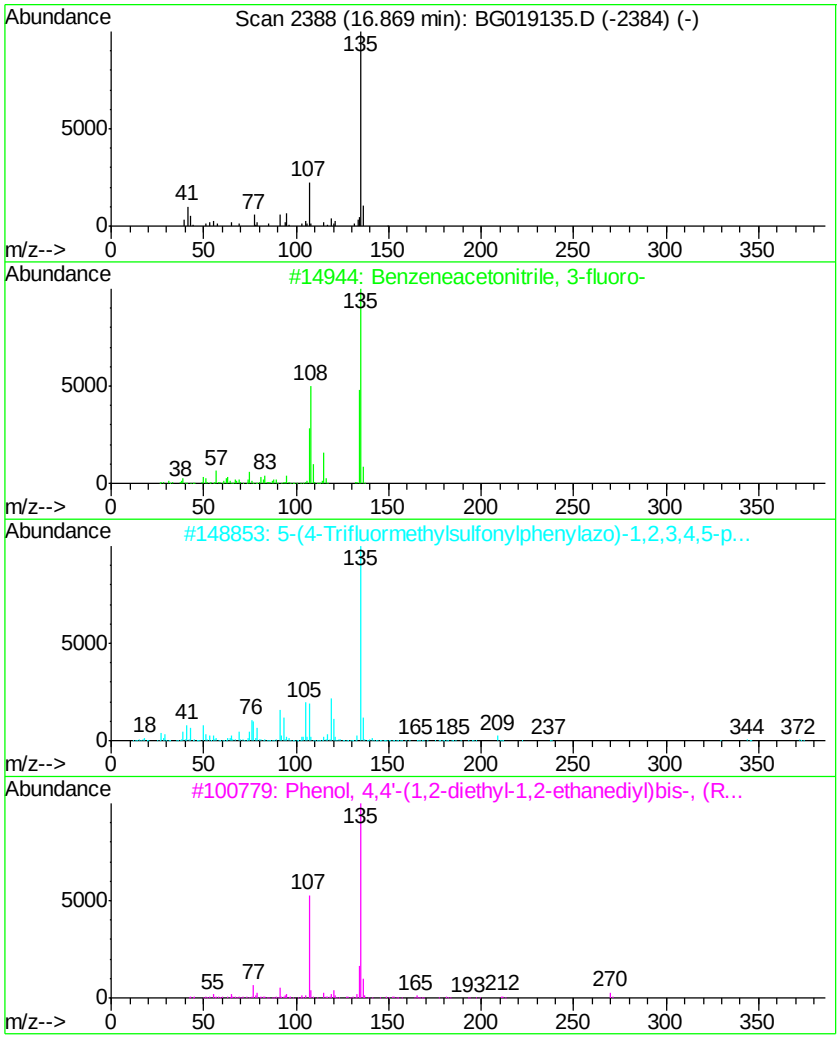
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

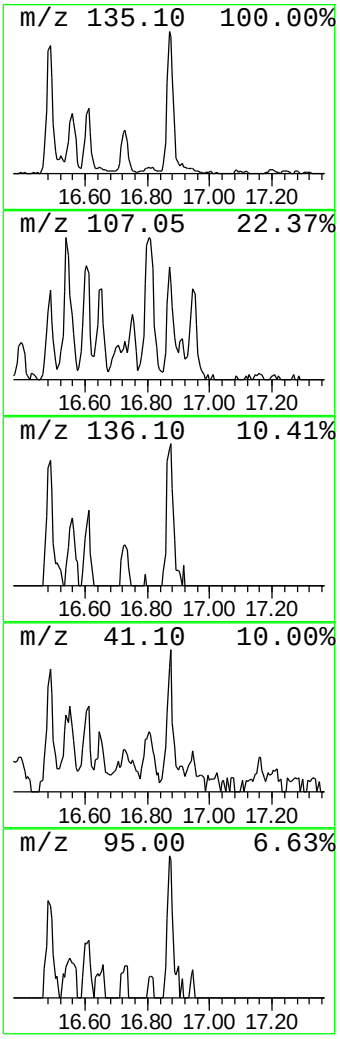
****

Peak Number 12 Benzeneacetonitrile, 3-fluoro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	2.90 ng	52568	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetonitrile, 3-fluoro-	135	C8H6FN	000501-00-8	72
2	5-(4-Trifluormethylsulfonylpheny...	372	C17H19F3N2O2S	187338-96-1	59
3	Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	59
4	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	50
5	Benzeneacetonitrile, 2-fluoro-	135	C8H6FN	000326-62-5	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
Data File : BG019135.D
Acq On : 11 Oct 2015 2:17
Operator : UM/NP
Sample : G3929-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-05

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.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...	3.21	59.0	ng	302441	1	8.03	102600	20.0
2-Pentanone, 4-hy...	5.14	20.6	ng	105702	1	8.03	102600	20.0
unknown7.56	7.56	100.8	ng	516841	1	8.03	102600	20.0
3-Cyclohexen-1-ol...	10.69	2.4	ng	19680	2	10.83	163211	20.0
unknown16.04	16.04	3.1	ng	55820	4	17.40	362348	20.0
Phenol, 4-(1,1-di...	16.49	2.9	ng	52542	4	17.40	362348	20.0
Phenol, p-tert-bu...	16.60	2.7	ng	49017	4	17.40	362348	20.0
Acetamide, N-(3-m...	16.80	2.7	ng	48249	4	17.40	362348	20.0
Benzeneacetonitri...	16.87	2.9	ng	52568	4	17.40	362348	20.0