LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020118.D
Acq On : 11 Dec 2015 22:43
Operator : UM/SJ
Sample : G4729-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-42

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	3.120	43	48	57	rBV2	35315	80639	3.78%	0.961%
2	3.202	57	62	71	rVB	31765	53346	2.50%	0.636%
3	5.176	392	398	406	rBV	32524	50003	2.34%	0.596%
4	5.646	471	478	485	rBV	142262	222433	10.42%	2.652%
5	7.250	744	751	758	rBV	98269	169991	7.96%	2.027%
6	7.626	808	815	823	rBV	255699	436044	20.43%	5.199%
7	8.102	887	896	902	rBV	68478	114148	5.35%	1.361%
8	8.425	943	951	960	rBV	232302	396920	18.59%	4.733%
9	9.266	1086	1094	1102	rBV	207968	363660	17.03%	4.336%
10	10.917	1368	1375	1382	rBV	97494	168688	7.90%	2.011%
11	13.355	1783	1790	1797	rVB	690850	1060112	49.66%	12.640%
12	14.624	1998	2006	2013	rBV2	18977	38224	1.79%	0.456%
13	14.730	2017	2024	2031	rVB2	175162	278030	13.02%	3.315%
14	16.211	2265	2276	2287	rBV	659492	990170	46.38%	11.806%
15	16.416	2307	2311	2323	rVB	13254	23132	1.08%	0.276%
16	17.468	2482	2490	2496	rBV	255085	379020	17.75%	4.519%
17	17.814	2544	2549	2564	rBV	49929	73576	3.45%	0.877%
18	18.337	2631	2638	2645	rBV2	49651	72946	3.42%	0.870%
19	19.607	2849	2854	2863	rBV	44372	57209	2.68%	0.682%
20	19.712	2866	2872	2877	rVV	122549	172811	8.09%	2.060%
21	20.071	2927	2933	2939	rBV	1701735	2134791	100.00%	25.454%
22	20.840	3060	3064	3073	rBV3	18386	29388	1.38%	0.350%
23	21.211	3123	3127	3135	rBV	62769	92806	4.35%	1.107%
24	21.739	3210	3217	3223	rBV	296784	467861	21.92%	5.578%
25	22.909	3410	3416	3426	rBV3	13383	27810	1.30%	0.332%
26	25.006	3761	3773	3784	rBV2	150932	433216	20.29%	5.165%

Sum of corrected areas: 8386974

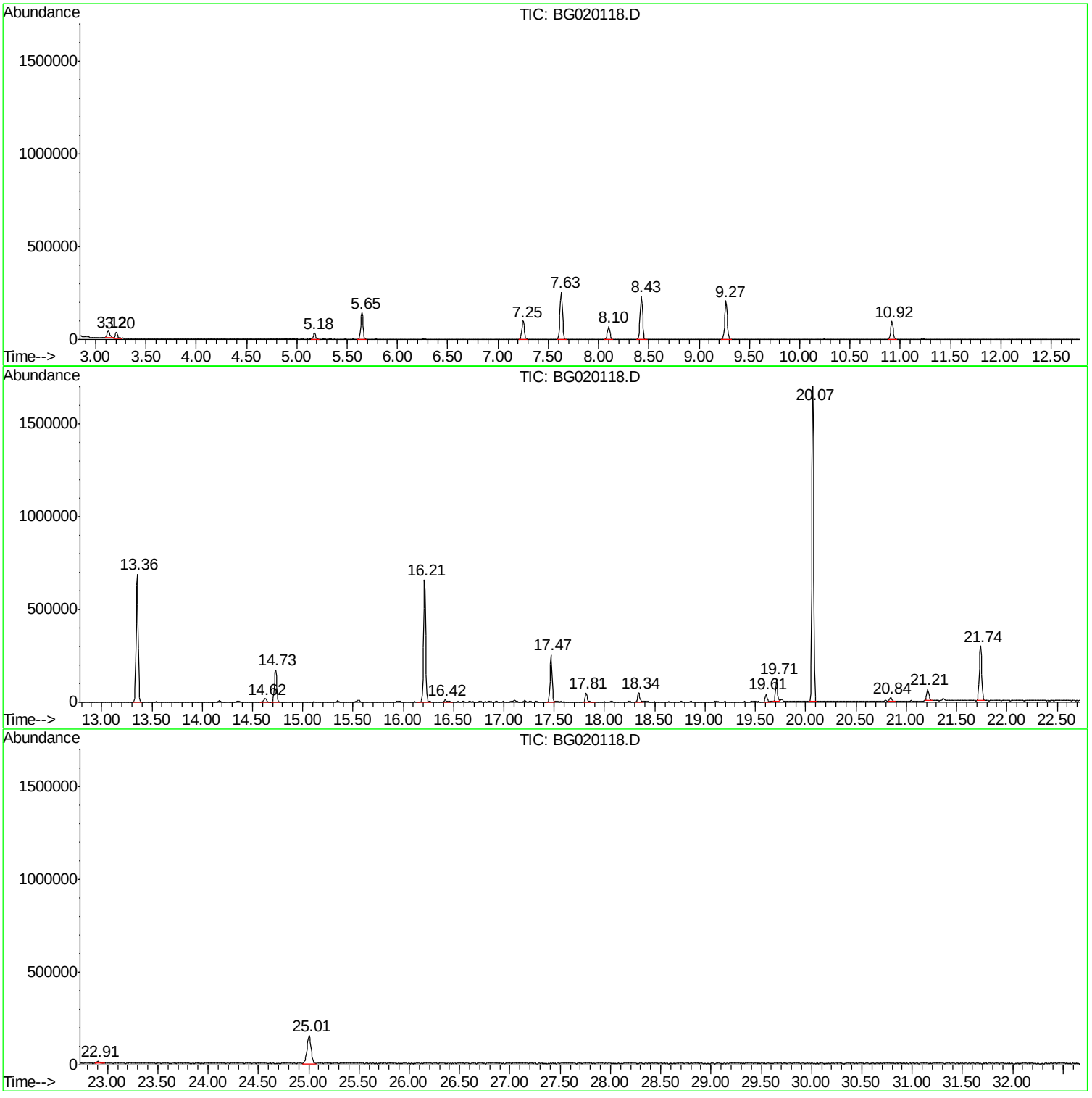
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020118.D
Acq On : 11 Dec 2015 22:43
Operator : UM/SJ
Sample : G4729-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-42

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\BG121215\
Data File : BG020118.D
Acq On : 11 Dec 2015 22:43
Operator : UM/SJ
Sample : G4729-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-42

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

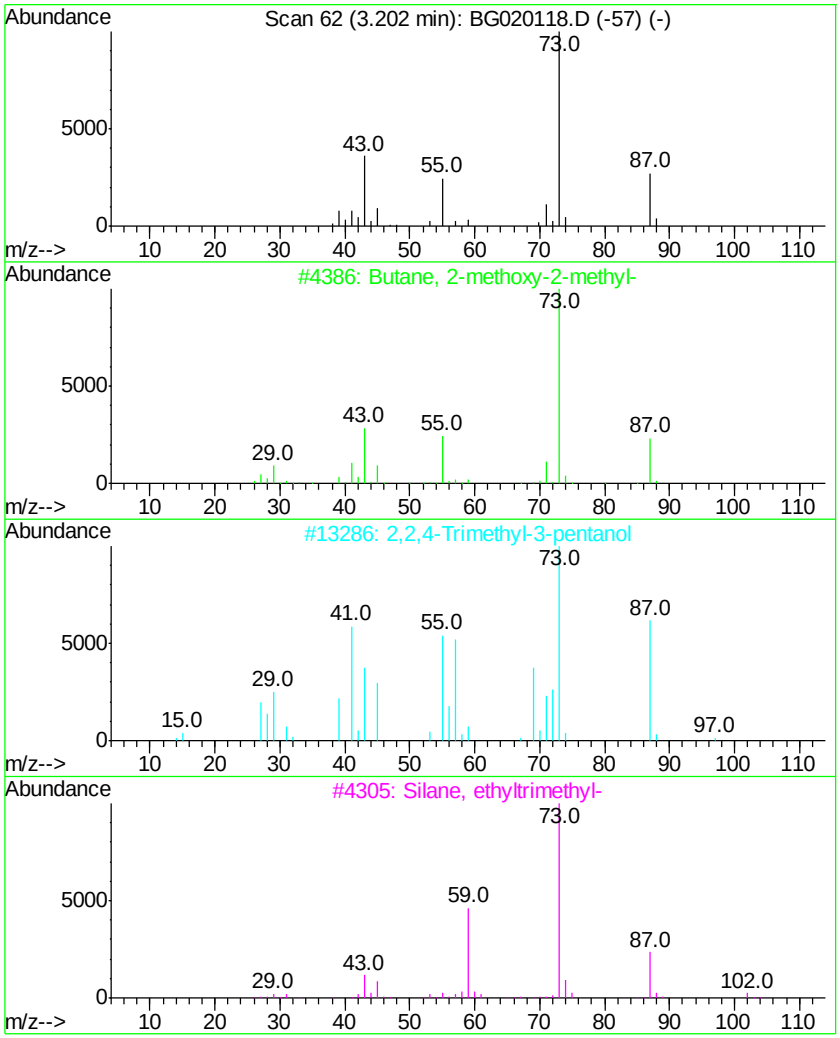
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

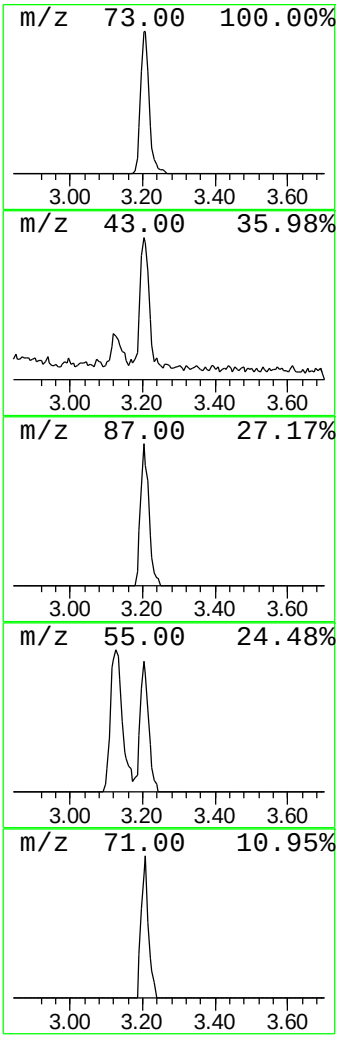
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	9.35 ng	53346	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020118.D
Acq On : 11 Dec 2015 22:43
Operator : UM/SJ
Sample : G4729-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-42

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

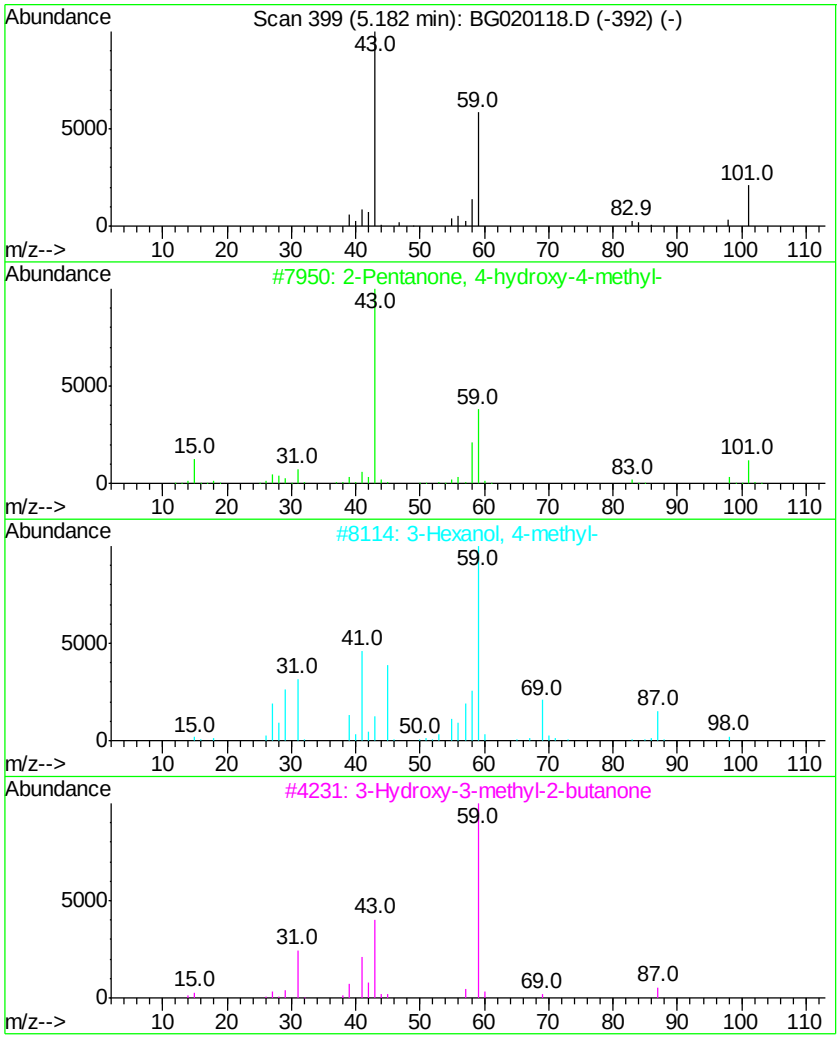
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

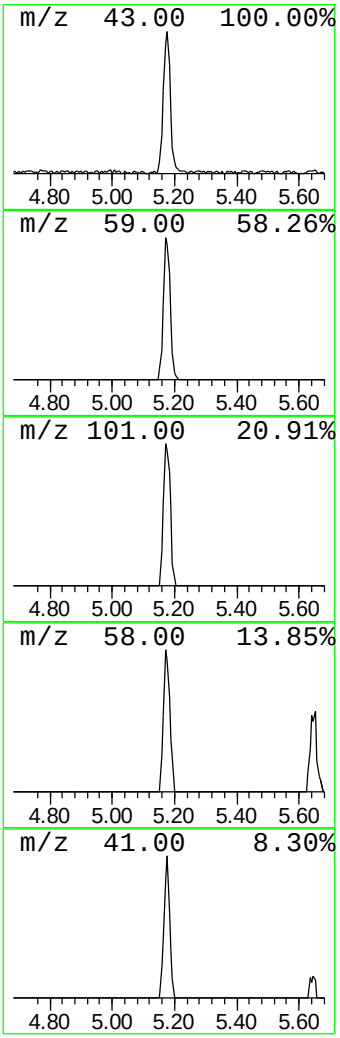
****

Peak Number 3 unknown5.18 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	8.76 ng	50003	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020118.D
Acq On : 11 Dec 2015 22:43
Operator : UM/SJ
Sample : G4729-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-42

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

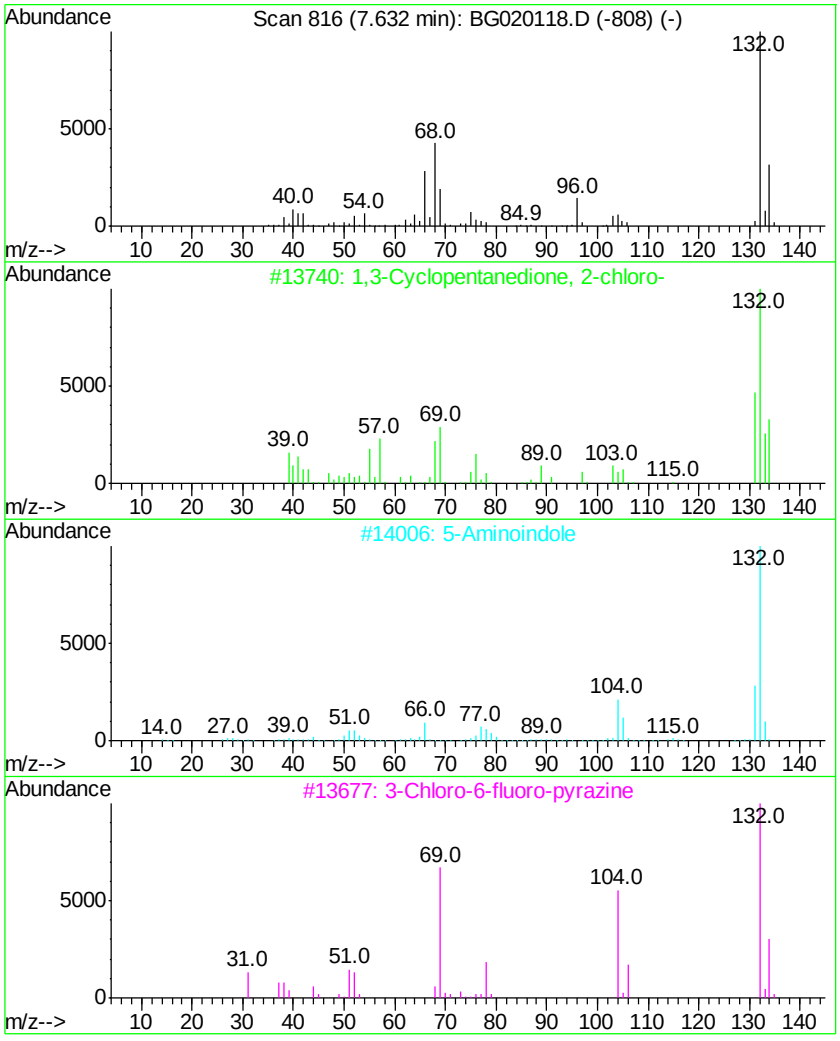
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

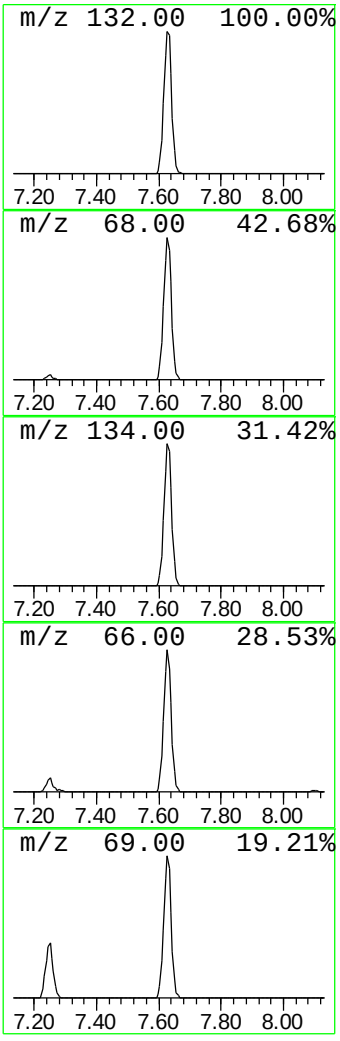
****

Peak Number 4 unknown7.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	76.40 ng	436044	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
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\BG121215\
Data File : BG020118.D
Acq On : 11 Dec 2015 22:43
Operator : UM/SJ
Sample : G4729-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-42

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

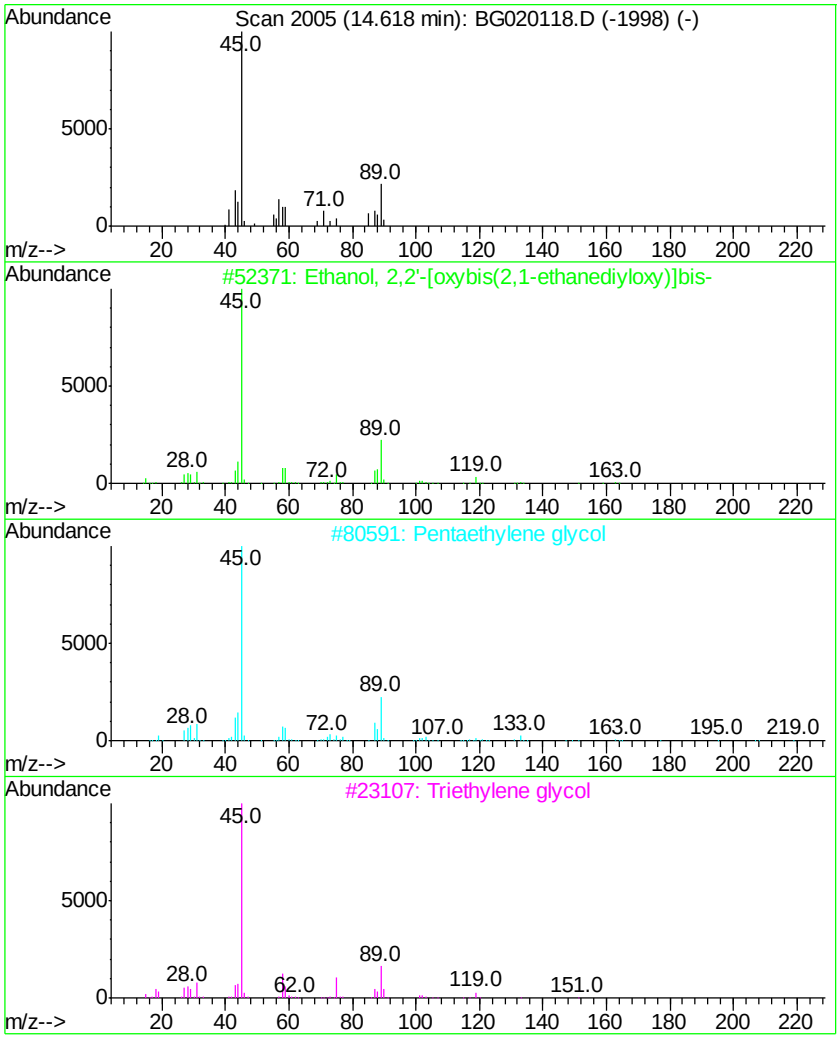
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

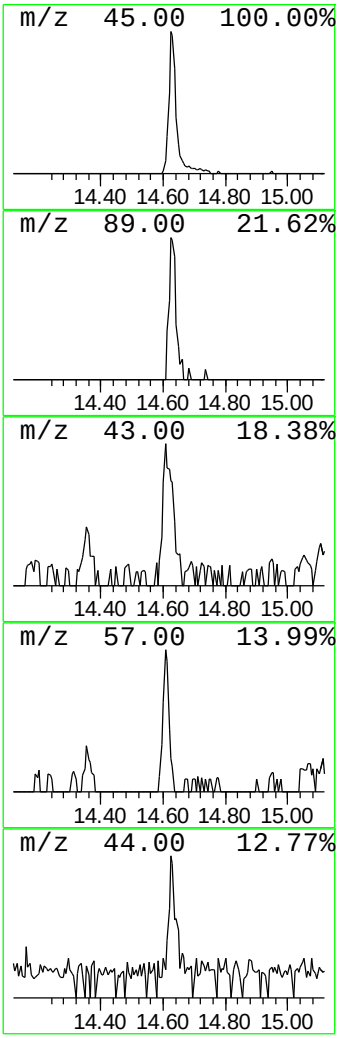
****

Peak Number 6 Ethanol, 2,2'-[oxybis(2,1-e... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	2.75 ng	38224	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2,2'-[oxybis(2,1-ethane...	194	C8H18O5	000112-60-7	83
2	Pentaethylene glycol	238	C10H22O6	004792-15-8	74
3	Triethylene glycol	150	C6H14O4	000112-27-6	64
4	Ethanol, 2-[2-(2-methoxyethoxy)e...	164	C7H16O4	000112-35-6	40
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	40





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020118.D
Acq On : 11 Dec 2015 22:43
Operator : UM/SJ
Sample : G4729-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-42

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

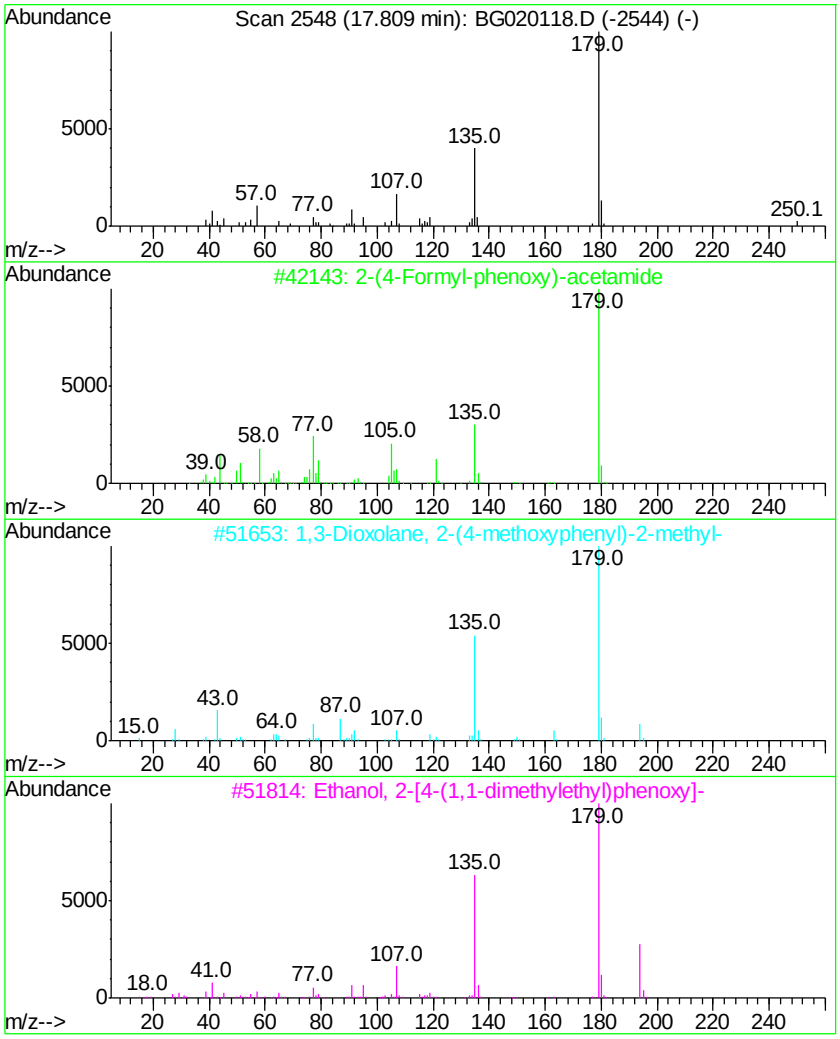
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

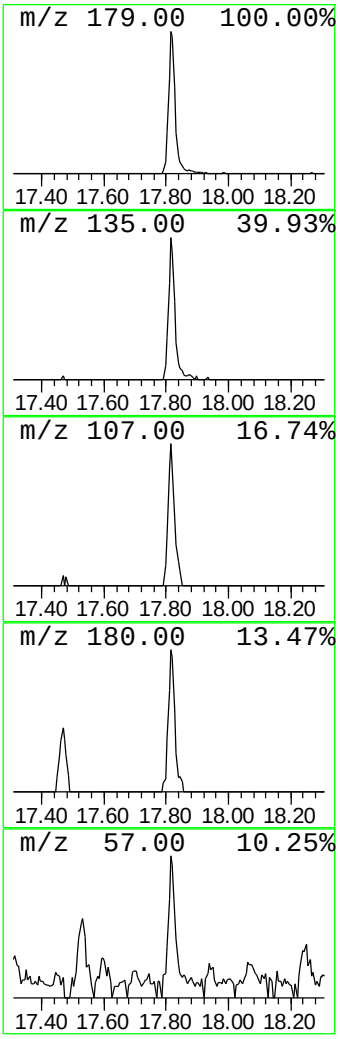
****

Peak Number 7 2-(4-Formyl-phenoxy)-acetamide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	3.88 ng	73576	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4-Formyl-phenoxy)-acetamide	179	C9H9NO3	135857-20-4	64
2	1,3-Dioxolane, 2-(4-methoxyphenyl...	194	C11H14O3	036881-00-2	64
3	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	50
4	Benzothiazole-6-carboxylic acid	179	C8H5NO2S	003622-35-3	40
5	Acetic acid, [2-[(2-propenylamin...	235	C12H13NO4	000119-45-9	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020118.D
Acq On : 11 Dec 2015 22:43
Operator : UM/SJ
Sample : G4729-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-42

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

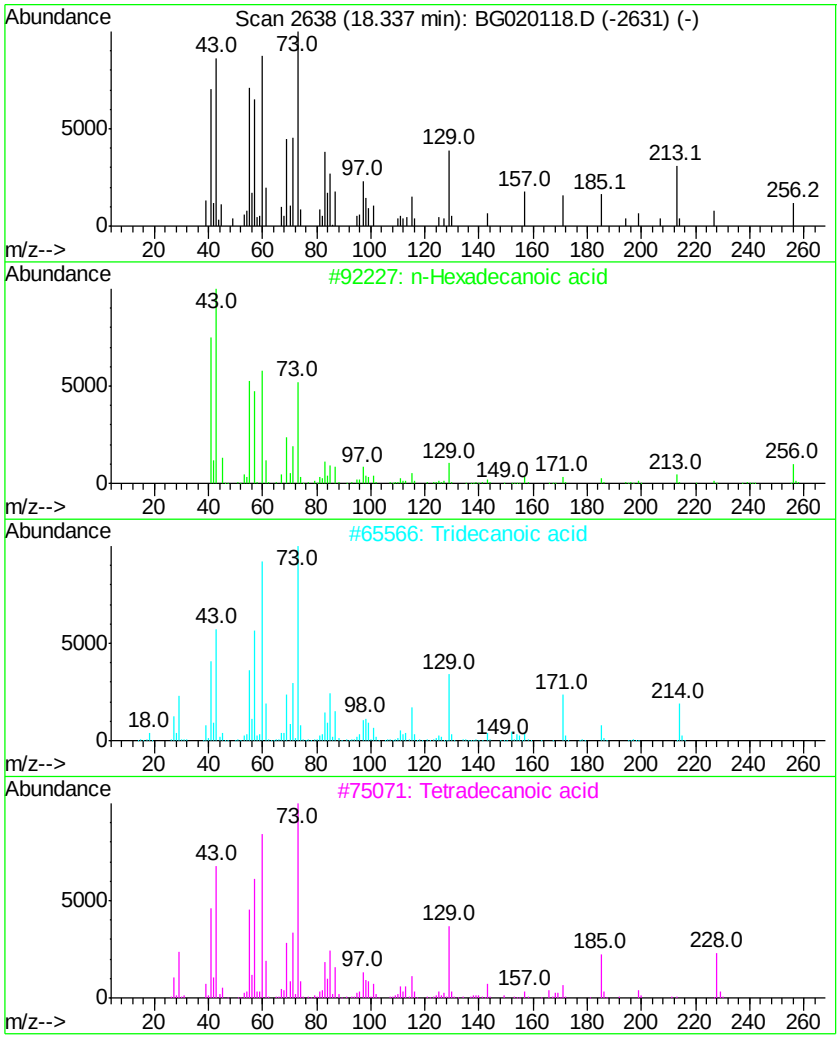
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

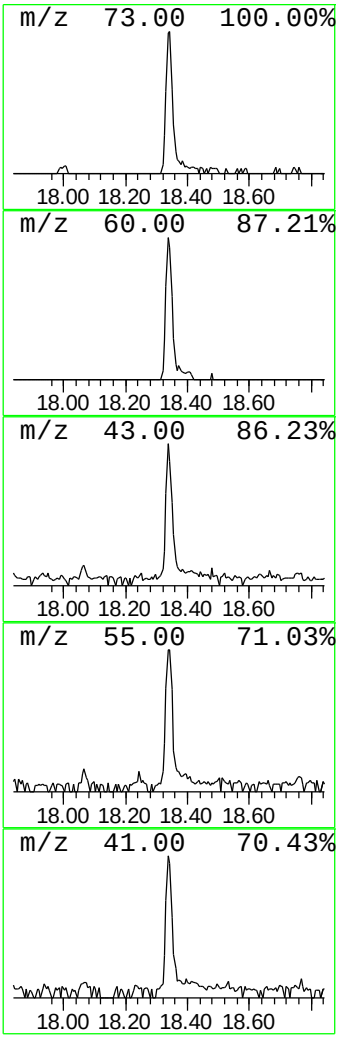
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	3.85 ng	72946	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	50
5	Dodecanoic acid	200	C12H24O2	000143-07-7	49





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020118.D
Acq On : 11 Dec 2015 22:43
Operator : UM/SJ
Sample : G4729-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-42

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

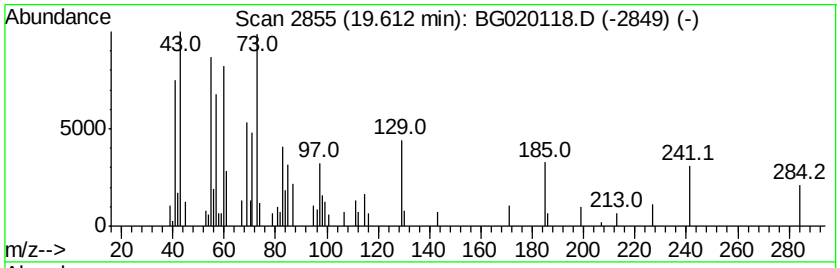
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

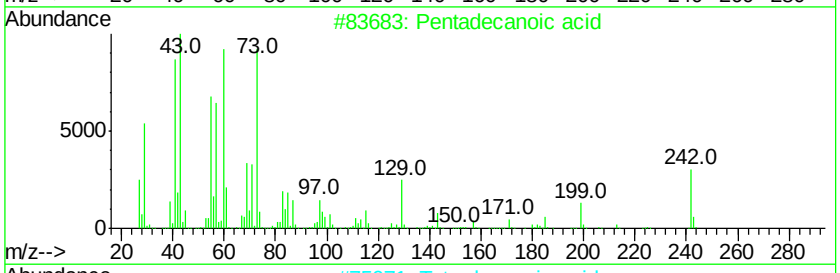
****

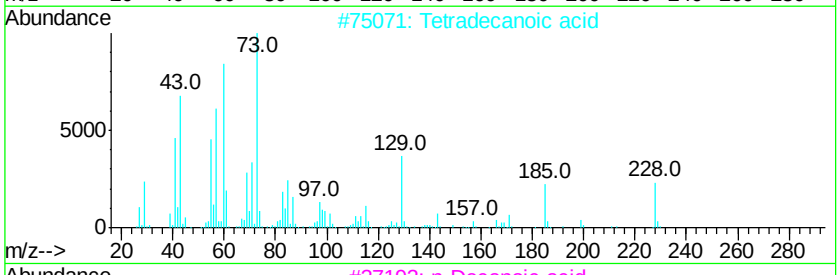
Peak Number 9 Pentadecanoic acid Concentration Rank 11

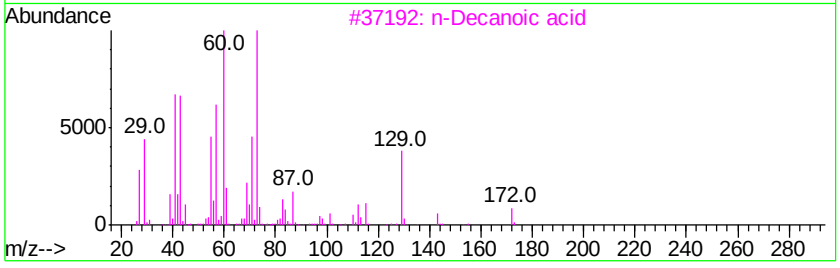
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	2.45 ng	57209	Chrysene-d12	21.74

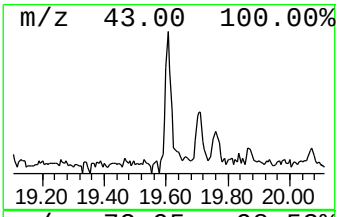
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	n-Decanoic acid	172	C10H20O2	000334-48-5	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	53
5	Undecanoic acid	186	C11H22O2	000112-37-8	49

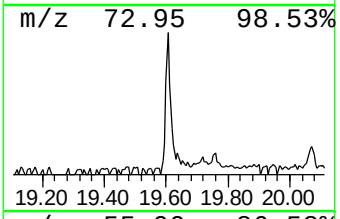


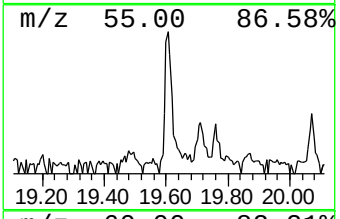


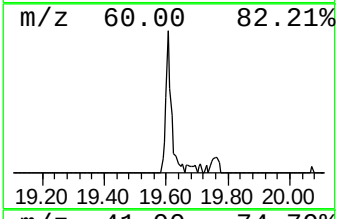


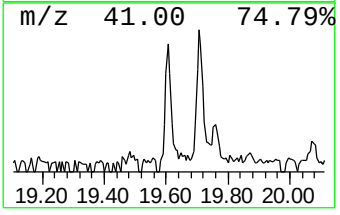












Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020118.D
Acq On : 11 Dec 2015 22:43
Operator : UM/SJ
Sample : G4729-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-42

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

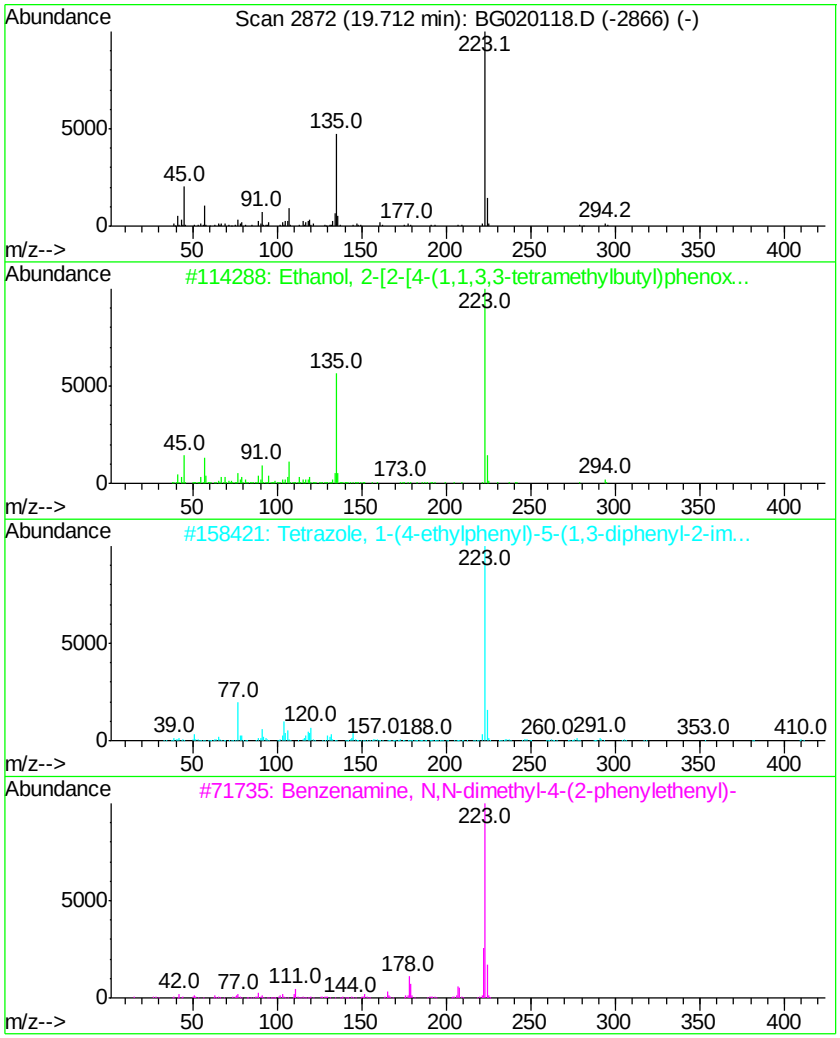
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

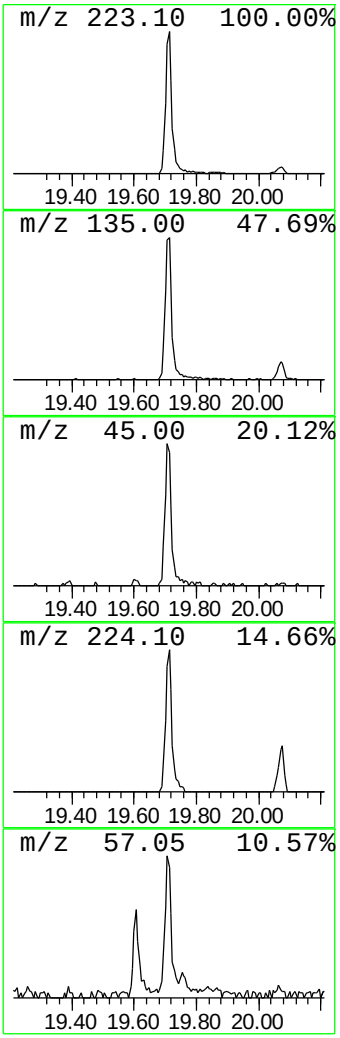
****

Peak Number 10 Ethanol, 2-[2-[4-(1,1,3,3-t... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	7.39 ng	172811	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	96
2	Tetrazole, 1-(4-ethylphenyl)-5-(...	410	C25H26N6	125038-06-4	38
3	Benzenamine, N,N-dimethyl-4-(2-p...	223	C16H17N	001145-73-9	38
4	Benzenamine, N,N-dimethyl-4-(2-p...	223	C16H17N	000838-95-9	32
5	4,4'-Trimethylenebis(1-methylpip...	238	C15H30N2	064168-11-2	32





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020118.D
Acq On : 11 Dec 2015 22:43
Operator : UM/SJ
Sample : G4729-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-42

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

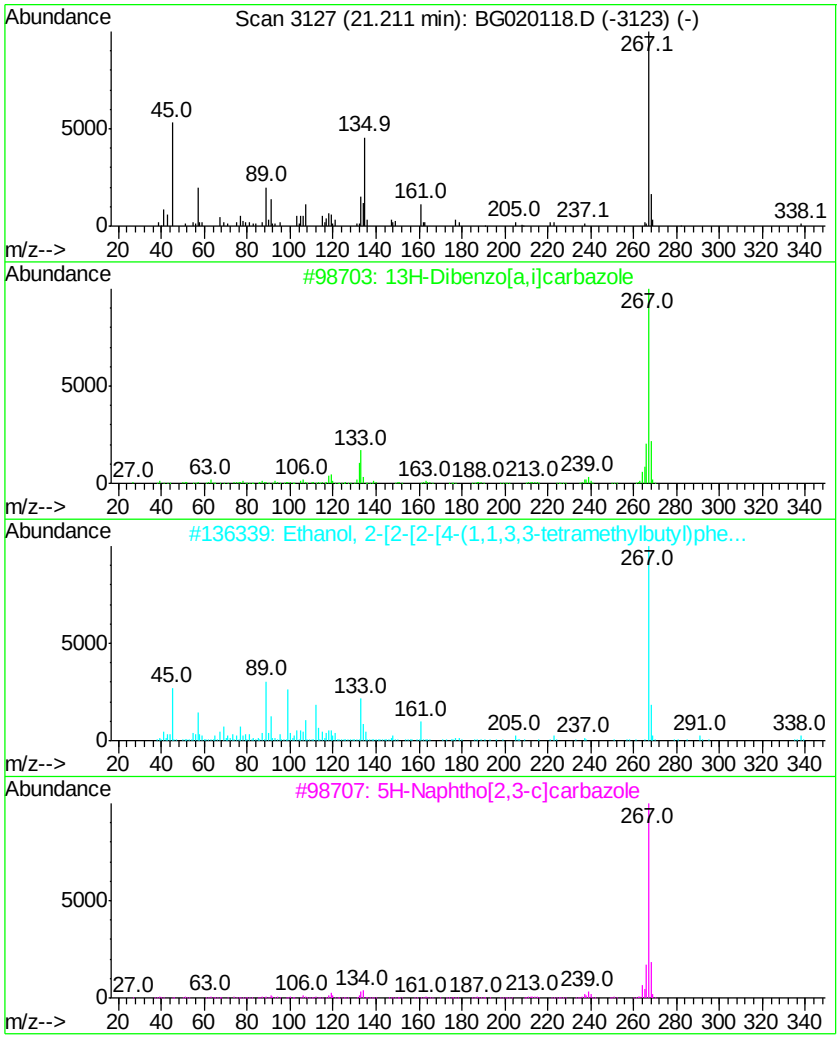
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

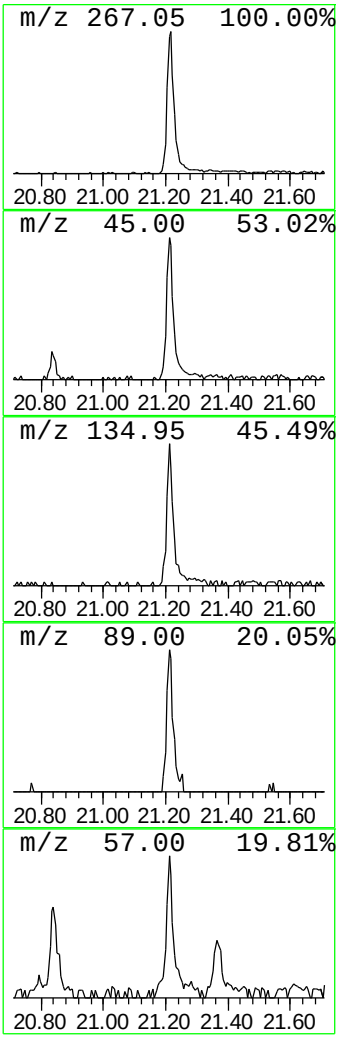
****

Peak Number 11 unknown21.21 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.21	3.97 ng	92806	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	46
2	Ethanol, 2-[2-[2-[4-(1,1,3,3-tet...	338	C20H34O4	002315-62-0	45
3	5H-Naphtho[2,3-c]carbazole	267	C20H13N	000198-96-9	35
4	7H-Dibenzo[c,g]carbazole	267	C20H13N	000194-59-2	27
5	1,5-Diphenyl-3-methylthio-1,2,4-...	267	C15H13N3S	072234-23-2	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121215\
Data File : BG020118.D
Acq On : 11 Dec 2015 22:43
Operator : UM/SJ
Sample : G4729-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-42

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.20	9.3	ng	53346	1	8.10	114148	20.0
unknown5.18	5.18	8.8	ng	50003	1	8.10	114148	20.0
unknown7.63	7.63	76.4	ng	436044	1	8.10	114148	20.0
Ethanol, 2,2'-[ox...	14.62	2.8	ng	38224	3	14.73	278030	20.0
2-(4-Formyl-pheno...	17.81	3.9	ng	73576	4	17.47	379020	20.0
n-Hexadecanoic acid	18.34	3.9	ng	72946	4	17.47	379020	20.0
Pentadecanoic acid	19.61	2.5	ng	57209	5	21.74	467861	20.0
Ethanol, 2-[2-[4-...	19.71	7.4	ng	172811	5	21.74	467861	20.0
unknown21.21	21.21	4.0	ng	92806	5	21.74	467861	20.0