LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020112.D
Acq On : 11 Dec 2015 18:49
Operator : UM/SJ
Sample : G4729-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-25

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	3.126	43	49	57	rBV2	39119	86151	4.30%	1.019%
2	3.202	58	62	72	rVB	35859	57239	2.86%	0.677%
3	5.176	393	398	403	rBV	36146	54384	2.72%	0.643%
4	5.646	470	478	488	rBV	168344	262923	13.14%	3.109%
5	7.250	744	751	760	rBV	118084	199044	9.95%	2.353%
6	7.626	808	815	824	rVB	291037	509582	25.46%	6.025%
7	8.102	888	896	904	rBV	67931	114077	5.70%	1.349%
8	8.426	943	951	961	rBV	262416	448441	22.41%	5.302%
9	9.266	1086	1094	1103	rBV	231374	412145	20.59%	4.873%
10	10.917	1367	1375	1382	rBV	100296	171161	8.55%	2.024%
11	13.355	1783	1790	1798	rVB	765043	1149627	57.44%	13.593%
12	14.730	2018	2024	2031	rBV2	175570	281720	14.08%	3.331%
13	16.211	2268	2276	2287	rBV	702306	1086706	54.30%	12.849%
14	17.468	2484	2490	2496	rBV	253117	379205	18.95%	4.484%
15	17.820	2543	2550	2557	rBV	33178	57506	2.87%	0.680%
16	18.337	2634	2638	2644	rBV2	35527	47664	2.38%	0.564%
17	19.607	2850	2854	2861	rBV2	35531	51083	2.55%	0.604%
18	19.712	2867	2872	2880	rBV	68863	106847	5.34%	1.263%
19	20.071	2927	2933	2939	rBV	1516911	2001282	100.00%	23.663%
20	21.216	3123	3128	3134	rBV	33667	50889	2.54%	0.602%
21	21.369	3149	3154	3160	rBV8	11442	21285	1.06%	0.252%
22	21.739	3210	3217	3225	rBV	281065	475111	23.74%	5.618%
23	25.006	3763	3773	3786	rVB2	152356	433526	21.66%	5.126%

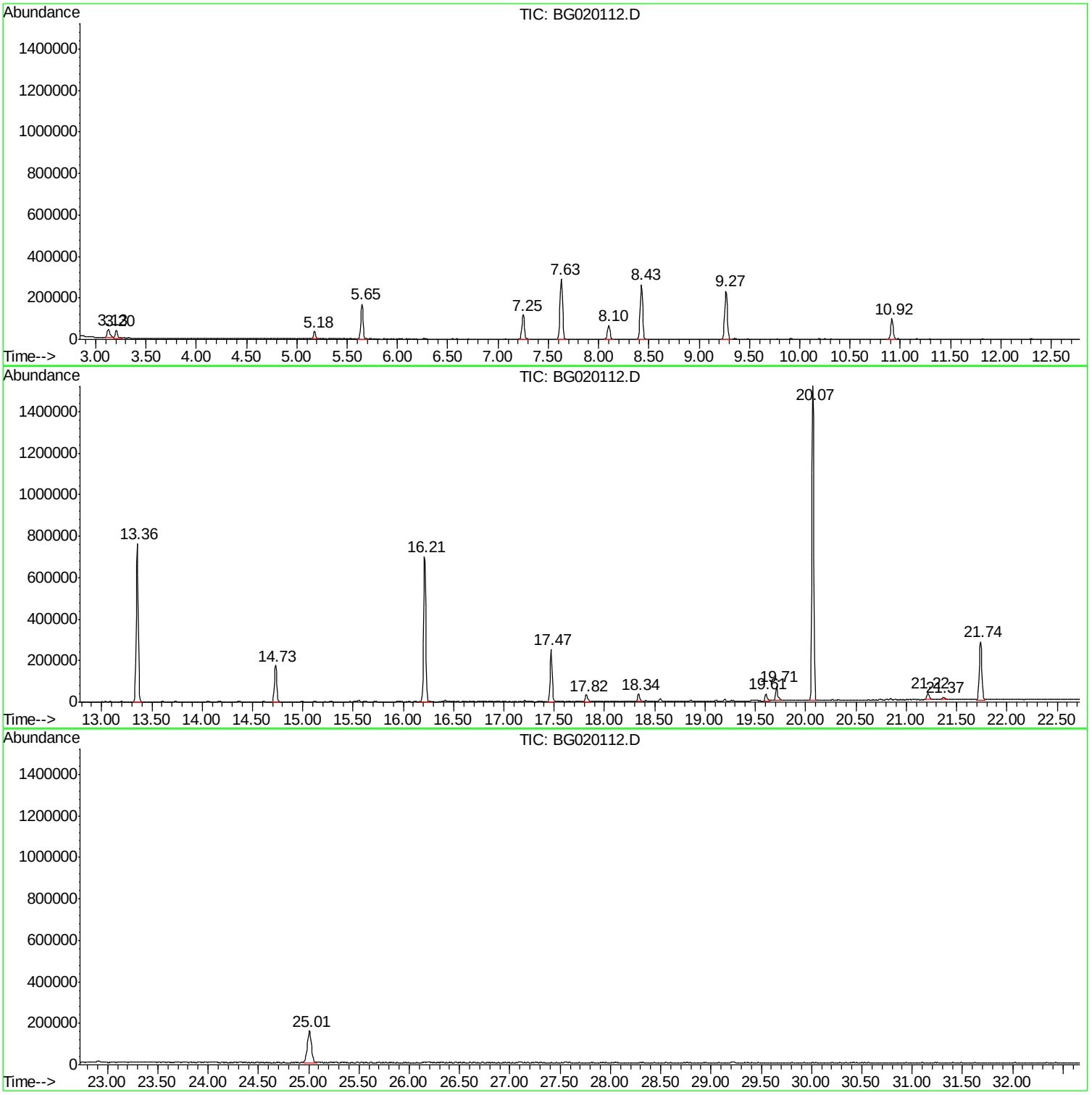
Sum of corrected areas: 8457598

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020112.D
Acq On : 11 Dec 2015 18:49
Operator : UM/SJ
Sample : G4729-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
W-25

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 : BG020112.D
Acq On : 11 Dec 2015 18:49
Operator : UM/SJ
Sample : G4729-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-25

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

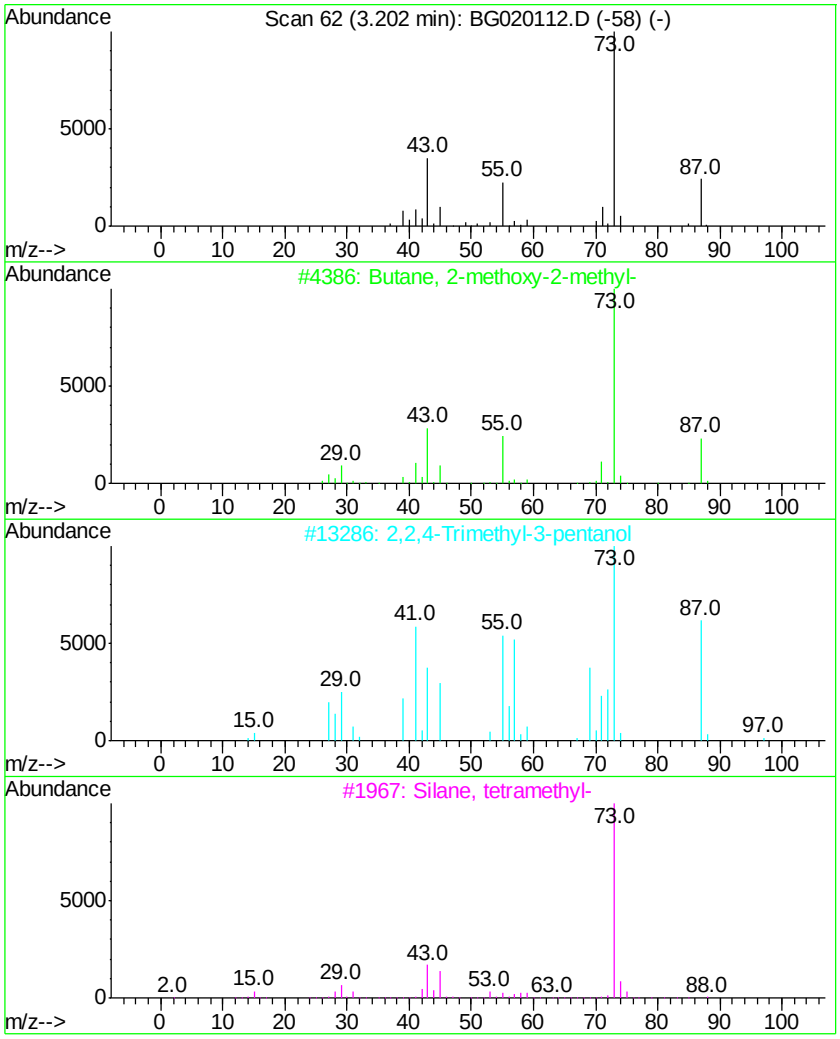
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

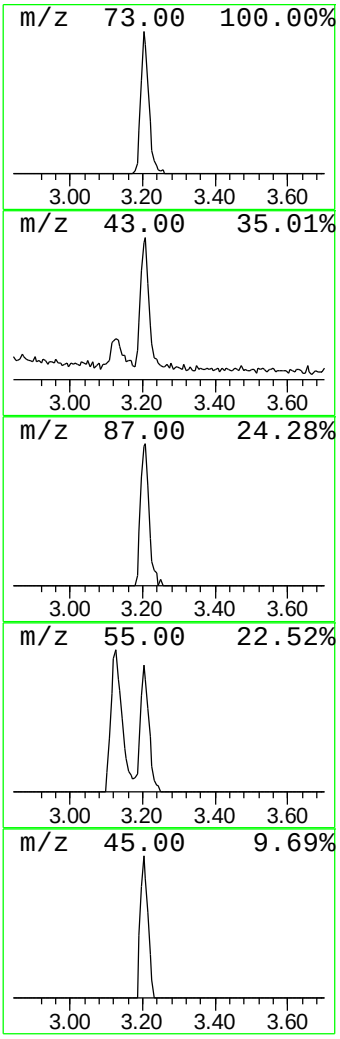
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	10.04 ng	57239	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, tetramethyl-	88	C4H12Si	000075-76-3	16
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020112.D
Acq On : 11 Dec 2015 18:49
Operator : UM/SJ
Sample : G4729-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-25

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

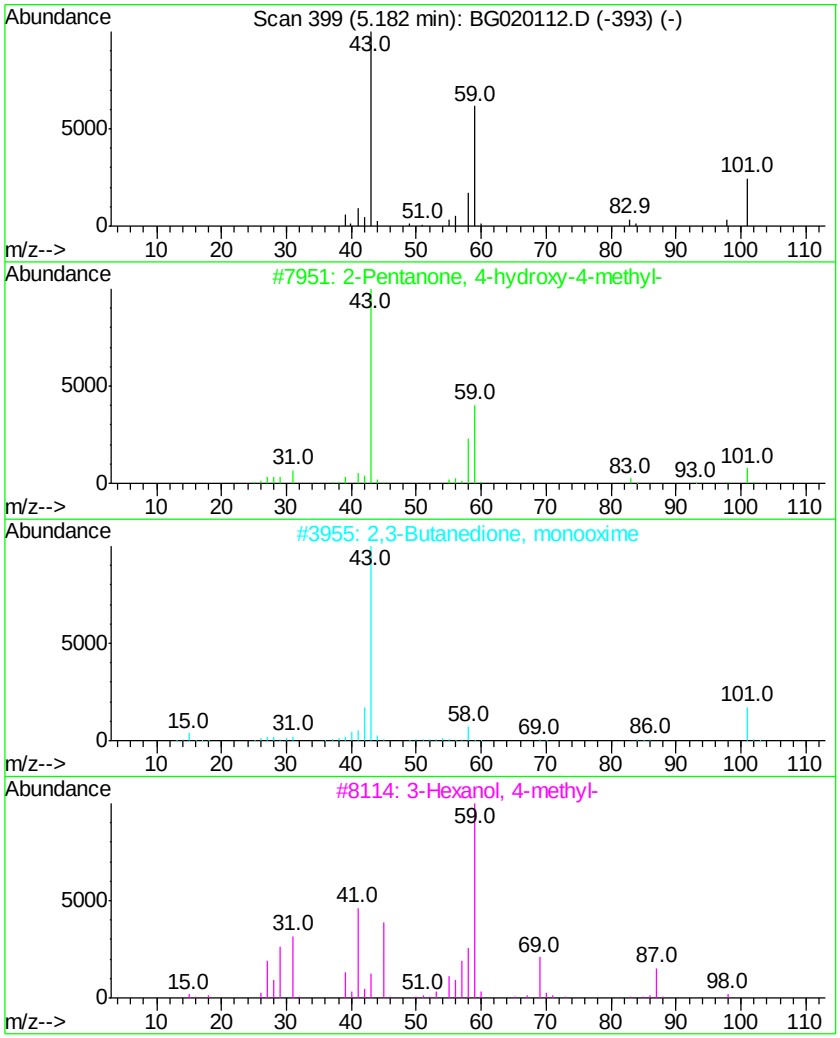
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

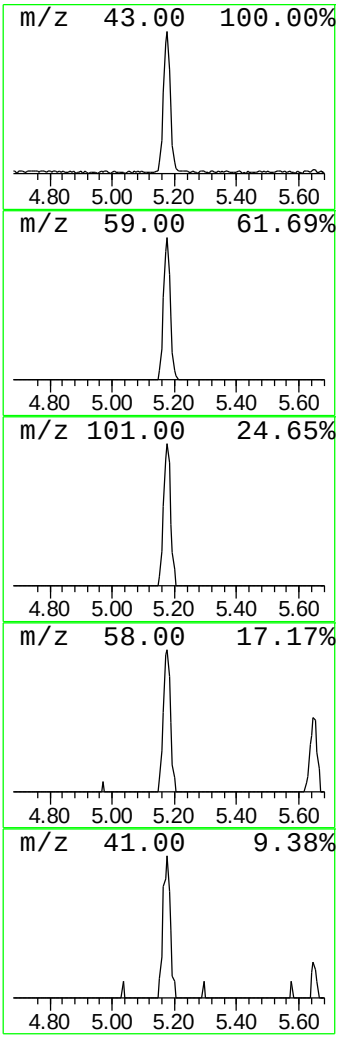
****

Peak Number 3 unknown5.18 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	9.53 ng	54384	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	40
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
4	Thiocyanic acid, propyl ester	101	C4H7NS	004251-16-5	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020112.D
Acq On : 11 Dec 2015 18:49
Operator : UM/SJ
Sample : G4729-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-25

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

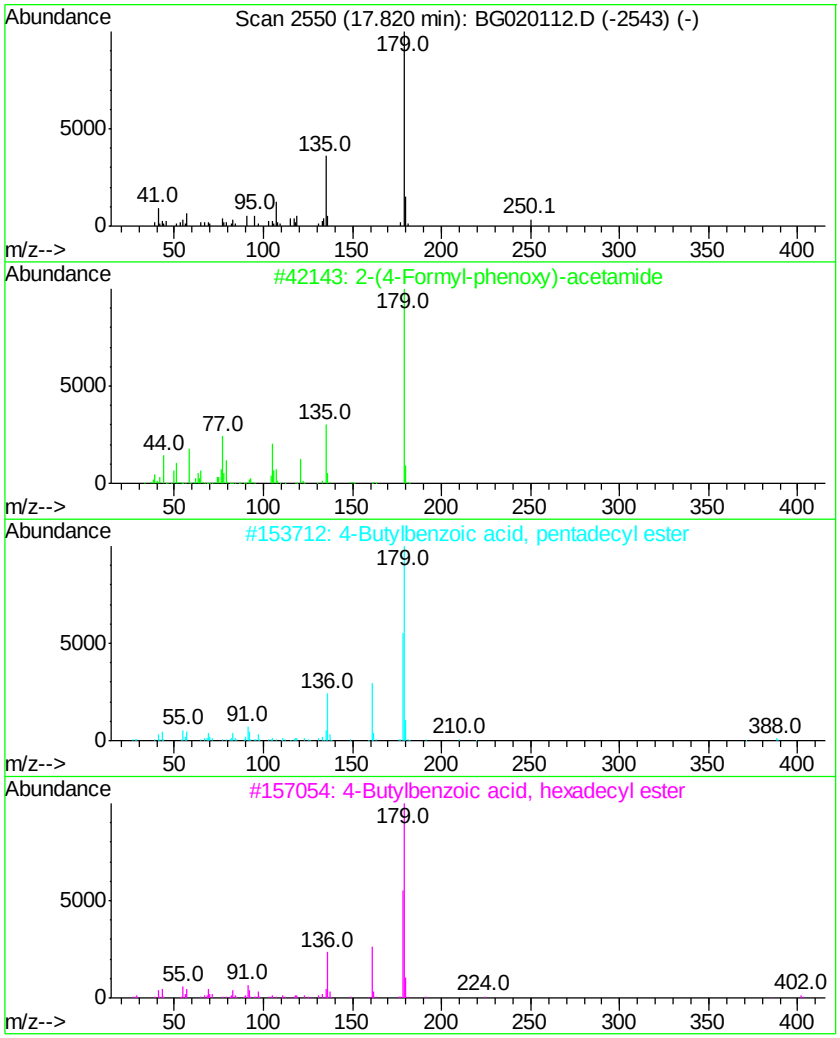
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

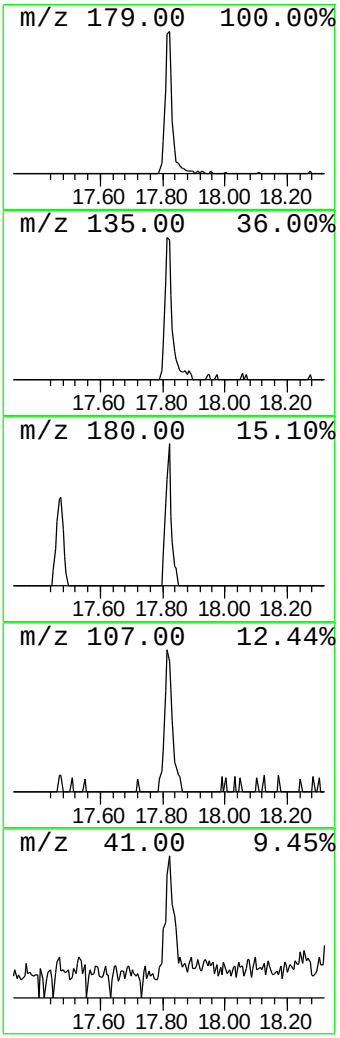
****

Peak Number 6 2-(4-Formyl-phenoxy)-acetamide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	3.03 ng	57506	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4-Formyl-phenoxy)-acetamide	179	C9H9NO3	135857-20-4	56
2	4-Butylbenzoic acid, pentadecyl ...	388	C26H44O2	1000292-32-8	40
3	4-Butylbenzoic acid, hexadecyl e...	402	C27H46O2	1000292-32-9	40
4	1-Dimethyl(phenyl)silyloxypropane	194	C11H18OSi	013360-21-9	39
5	4-Butylbenzoic acid, octadecyl e...	430	C29H50O2	1000292-33-0	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020112.D
Acq On : 11 Dec 2015 18:49
Operator : UM/SJ
Sample : G4729-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-25

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

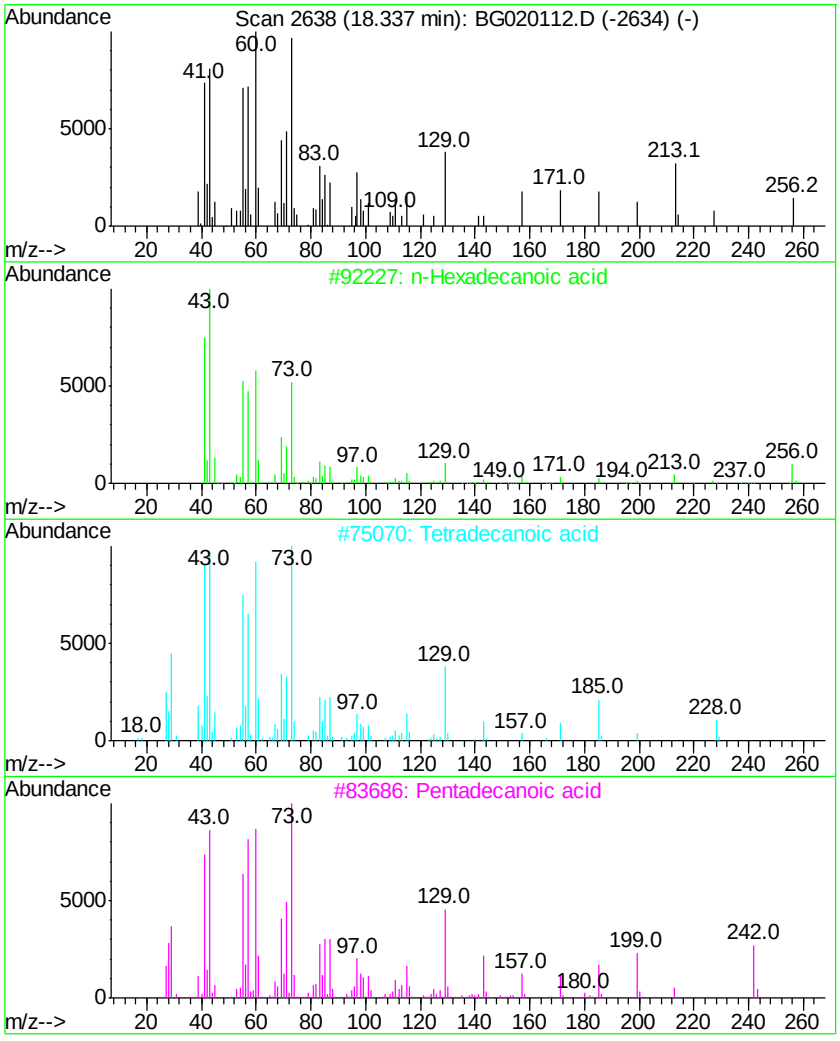
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

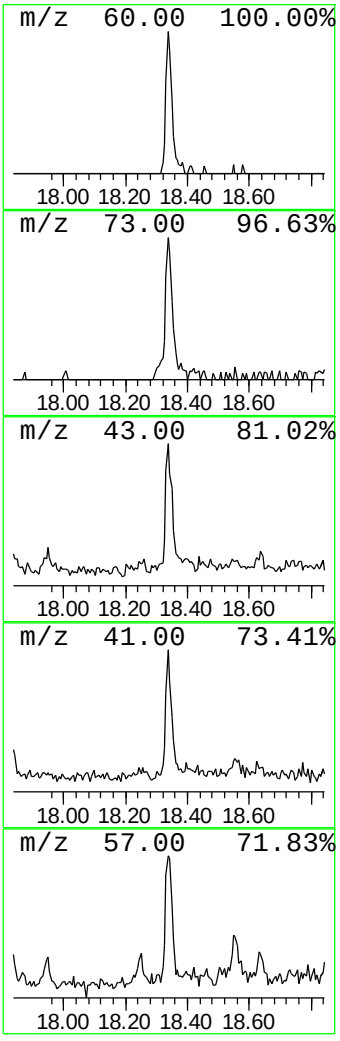
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.51 ng	47664	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Undecanoic acid	186	C11H22O2	000112-37-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020112.D
Acq On : 11 Dec 2015 18:49
Operator : UM/SJ
Sample : G4729-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-25

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

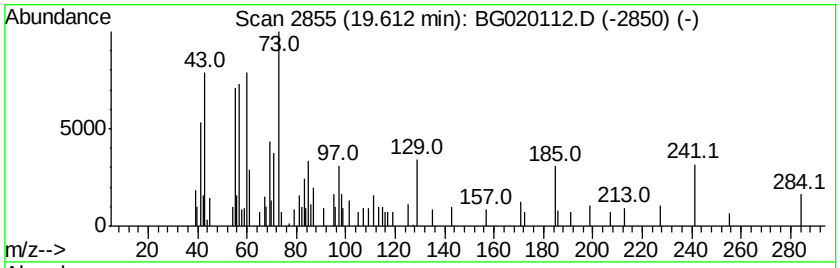
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

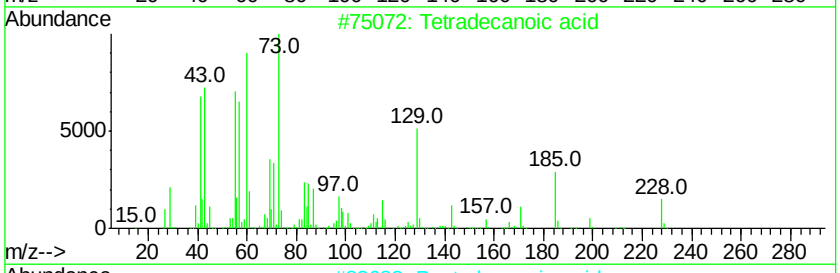
****

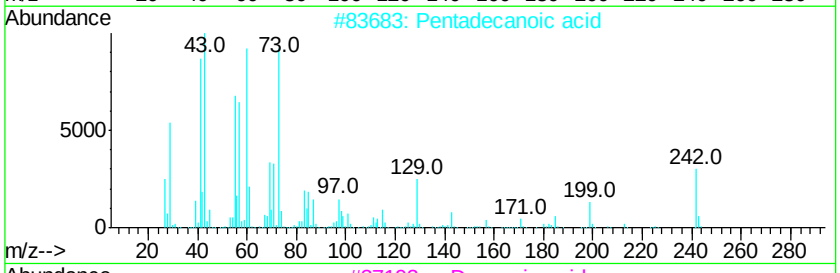
Peak Number 8 Tetradecanoic acid Concentration Rank 9

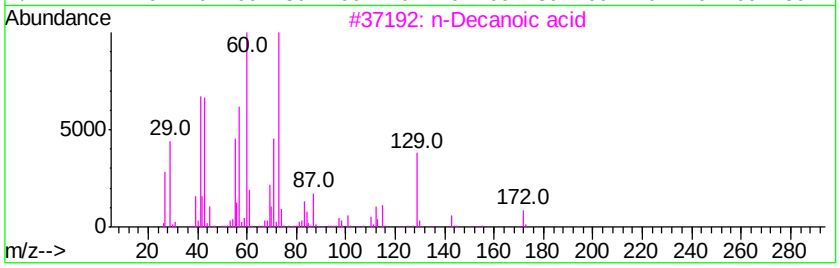
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	2.15 ng	51083	Chrysene-d12	21.74

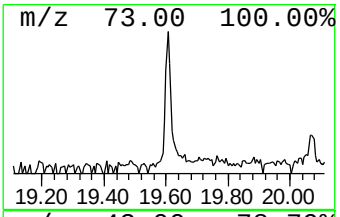
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
3	n-Decanoic acid	172	C10H20O2	000334-48-5	47
4	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	35
5	Acetamide, N-(4-hydroxycyclohexy...	157	C8H15NO2	027489-61-8	18

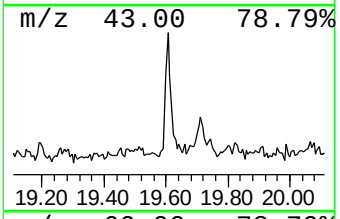


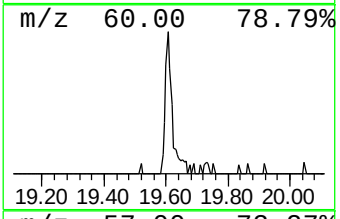


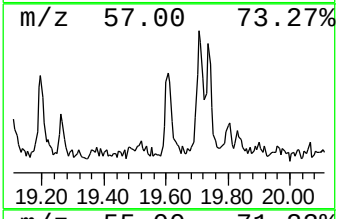


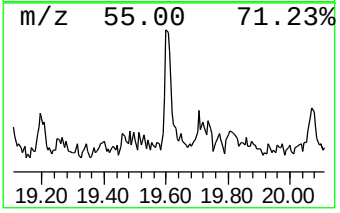












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020112.D
Acq On : 11 Dec 2015 18:49
Operator : UM/SJ
Sample : G4729-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-25

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

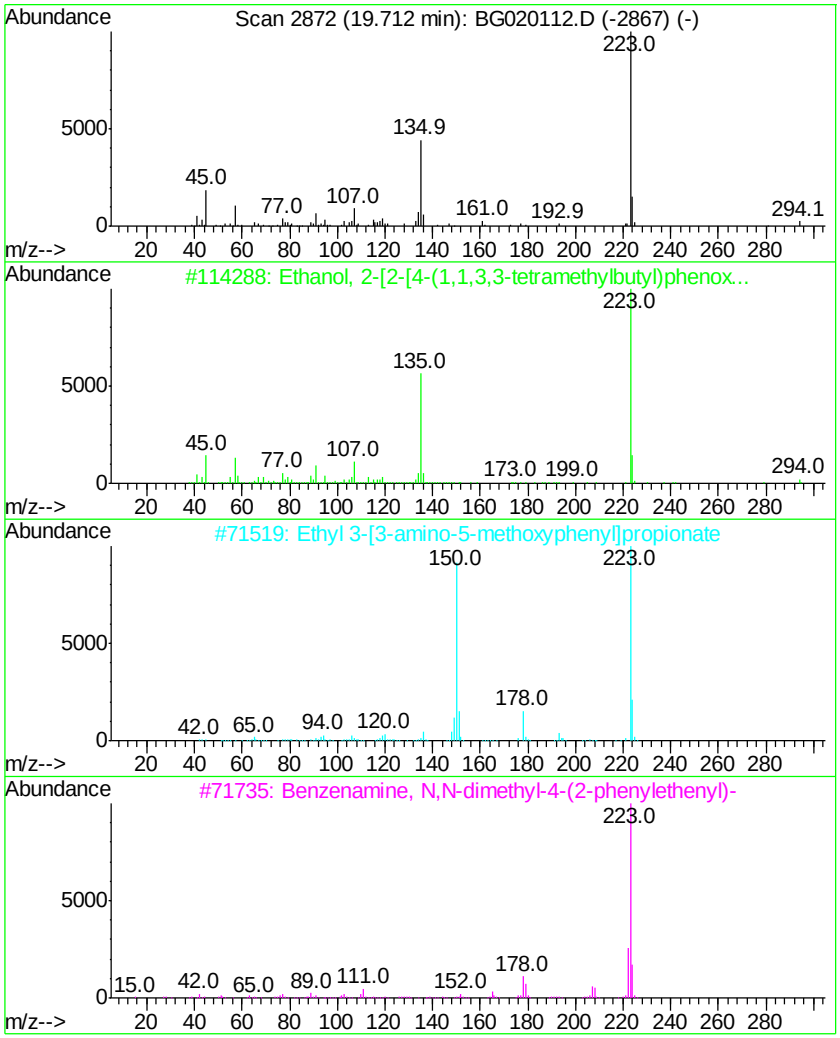
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

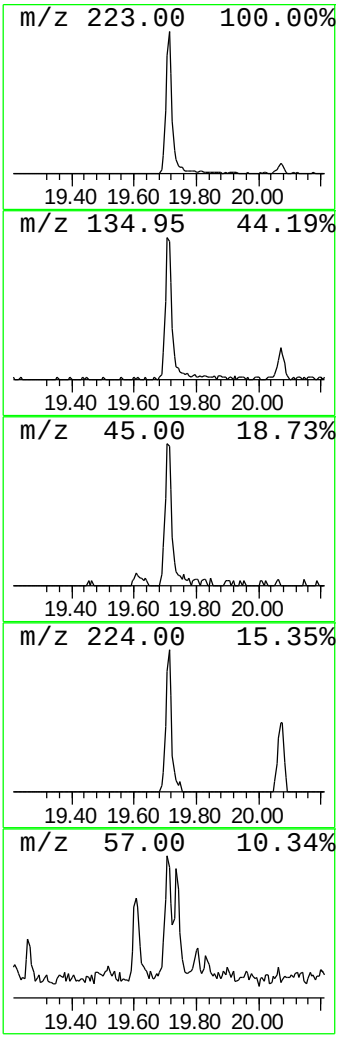
****

Peak Number 9 Ethanol, 2-[2-[4-(1,1,3,3-t... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	4.50 ng	106847	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	Ethyl 3-[3-amino-5-methoxyphenyl...	223	C12H17NO3	1000213-27-3	47
3	Benzenamine, N,N-dimethyl-4-(2-p...	223	C16H17N	001145-73-9	43
4	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	43
5	4,4'-Trimethylenebis(1-methylpip...	238	C15H30N2	064168-11-2	37





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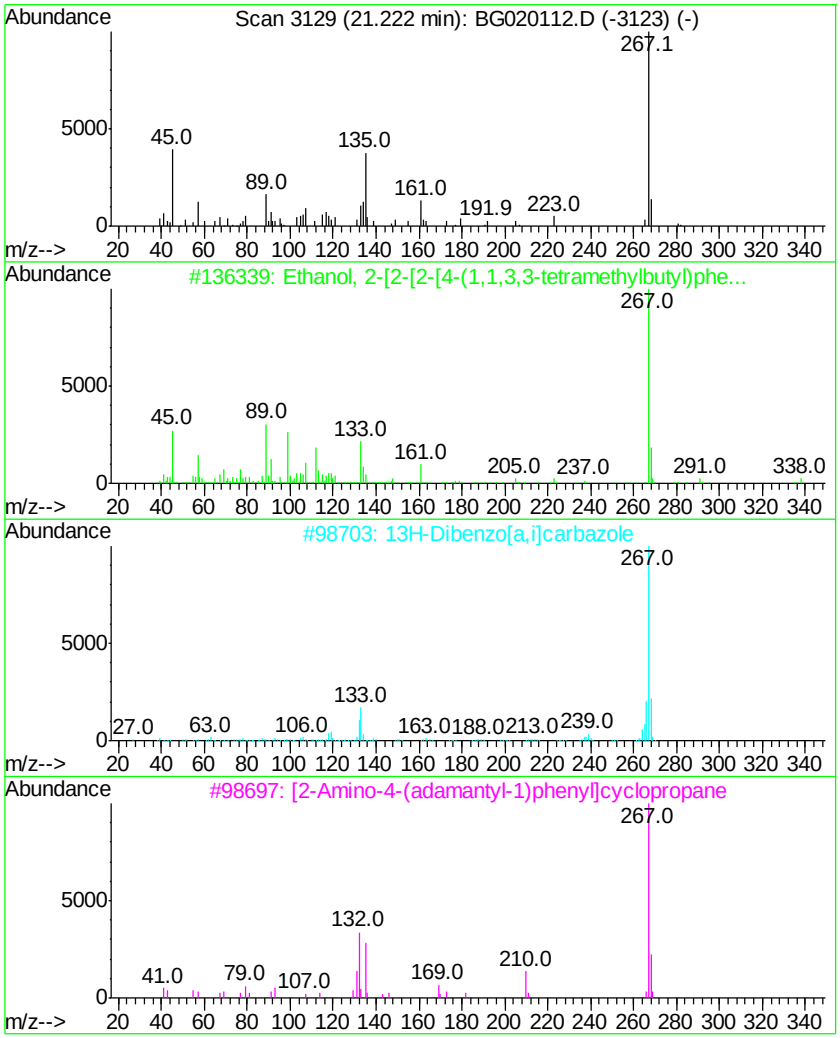
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

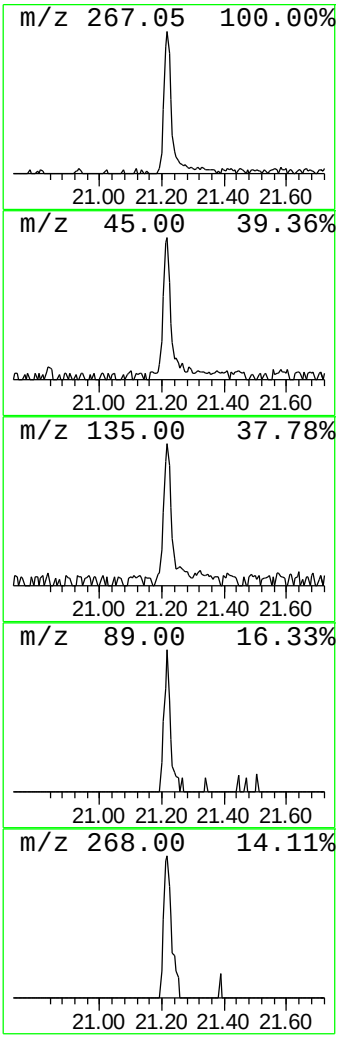
****

Peak Number 10 unknown21.22 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	2.14 ng	50889	Chrysene-d12	21.74

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	43
2	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	27
3	[2-Amino-4-(adamantyl-1)phenyl]c...	267	C19H25N	1000140-61-3	17
4	7H-Dibenzo[c,g]carbazole	267	C20H13N	000194-59-2	12
5	3-Amino-2-[2-methoxyphenyl]-4H-1...	267	C16H13NO3	187585-10-0	12





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121215\
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Operator : UM/SJ
Sample : G4729-09
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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	10.0	ng	57239	1	8.10	114077	20.0
unknown5.18	5.18	9.5	ng	54384	1	8.10	114077	20.0
2-(4-Formyl-pheno...	17.82	3.0	ng	57506	4	17.47	379205	20.0
n-Hexadecanoic acid	18.34	2.5	ng	47664	4	17.47	379205	20.0
Tetradecanoic acid	19.61	2.1	ng	51083	5	21.74	475111	20.0
Ethanol, 2-[2-[4-...	19.71	4.5	ng	106847	5	21.74	475111	20.0
unknown21.22	21.22	2.1	ng	50889	5	21.74	475111	20.0