LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020116.D
Acq On : 11 Dec 2015 21:25
Operator : UM/SJ
Sample : G4729-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-19

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	3.122	43	48	58	rVV2	35728	81706	3.95%	0.940%
2	3.204	58	62	72	rVB	35245	57340	2.77%	0.660%
3	4.749	321	325	330	rVB	21386	33236	1.61%	0.382%
4	5.178	391	398	404	rBV	38775	59265	2.86%	0.682%
5	5.648	472	478	486	rVB	163162	258375	12.48%	2.973%
6	7.246	743	750	758	rBV	113332	197047	9.52%	2.267%
7	7.628	808	815	823	rBV	293654	504991	24.39%	5.811%
8	8.104	889	896	901	rBV	70463	119348	5.77%	1.373%
9	8.427	944	951	959	rVB	266993	466343	22.53%	5.366%
10	8.739	1000	1004	1011	rVB2	14855	22769	1.10%	0.262%
11	9.267	1087	1094	1107	rVB	239897	450574	21.77%	5.184%
12	10.918	1368	1375	1380	rBV	96876	179240	8.66%	2.062%
13	10.965	1380	1383	1388	rVV	18885	28859	1.39%	0.332%
14	11.030	1388	1394	1399	rVB2	13195	24222	1.17%	0.279%
15	13.357	1781	1790	1796	rBV	759850	1163943	56.23%	13.393%
16	14.726	2016	2023	2031	rVB2	175004	281311	13.59%	3.237%
17	15.554	2151	2164	2169	rBV3	15007	27269	1.32%	0.314%
18	16.212	2268	2276	2283	rBV	690663	1031442	49.83%	11.868%
19	16.418	2307	2311	2319	rBV	15474	26324	1.27%	0.303%
20	17.469	2483	2490	2497	rBV2	258213	381193	18.41%	4.386%
21	17.816	2545	2549	2556	rBV	31254	46757	2.26%	0.538%
22	18.339	2632	2638	2646	rBV2	40086	56904	2.75%	0.655%
23	19.608	2850	2854	2862	rBV2	24888	34068	1.65%	0.392%
24	19.708	2866	2871	2885	rVV	72176	113373	5.48%	1.305%
25	20.072	2927	2933	2939	rBV	1553896	2070100	100.00%	23.819%
26	21.212	3123	3127	3136	rVB	37323	55444	2.68%	0.638%
27	21.741	3210	3217	3226	rBV	295841	482433	23.30%	5.551%
28	25.002	3761	3772	3783	rBV	150825	436990	21.11%	5.028%

Sum of corrected areas: 8690866

LSC Report - Integrated Chromatogram

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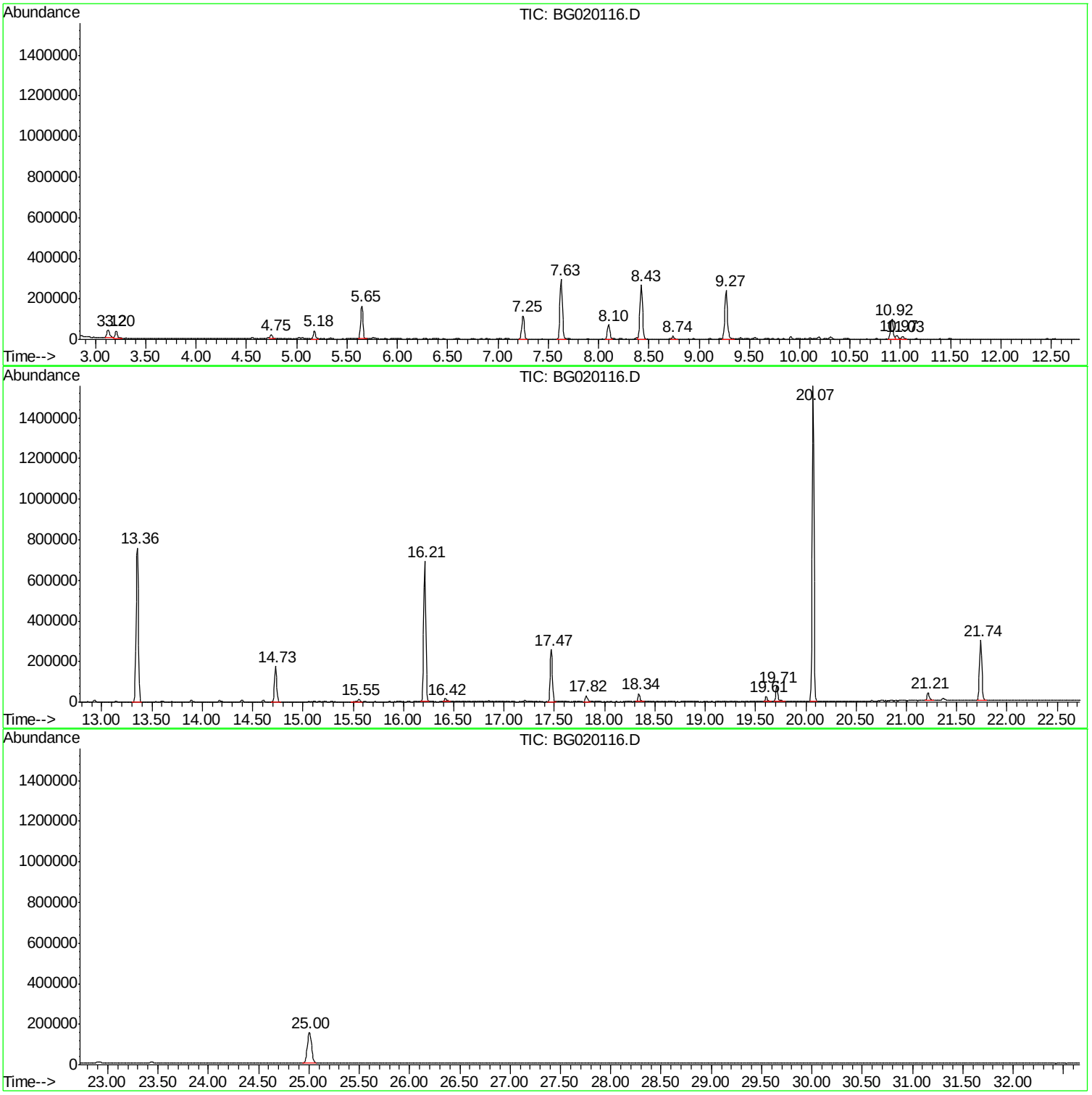
Data File : BG020116.D
Acq On : 11 Dec 2015 21:25
Operator : UM/SJ
Sample : G4729-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-19

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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Data File : BG020116.D
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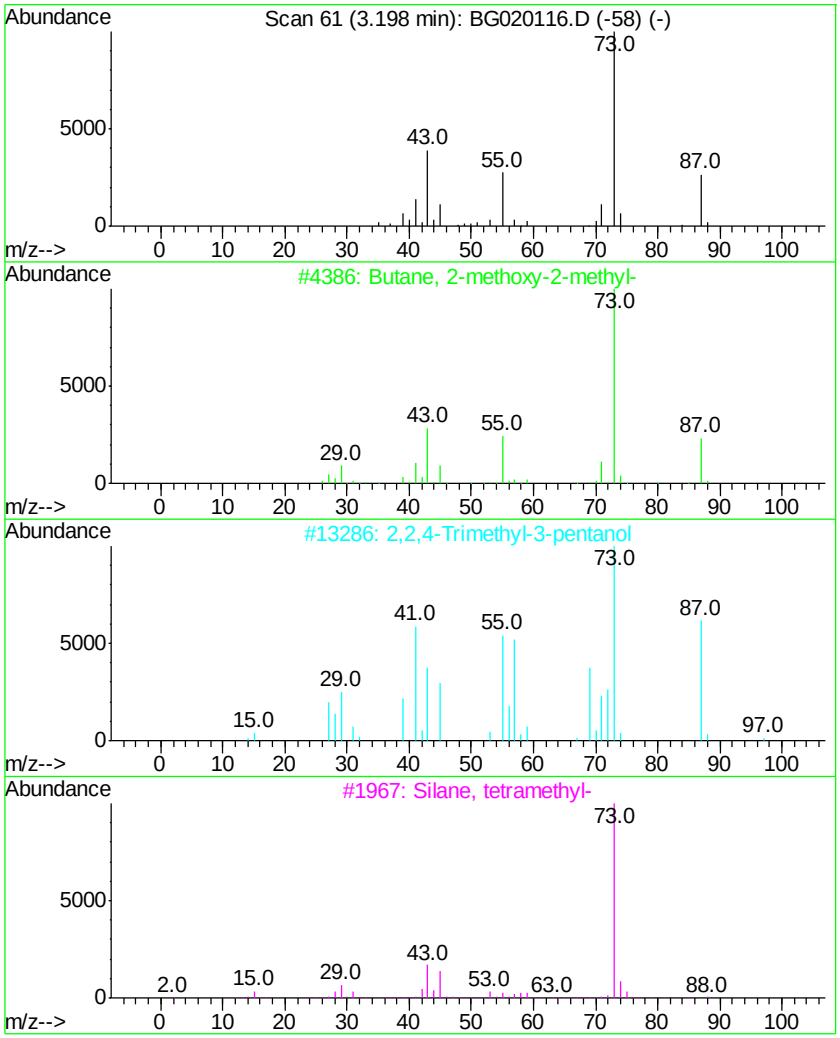
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

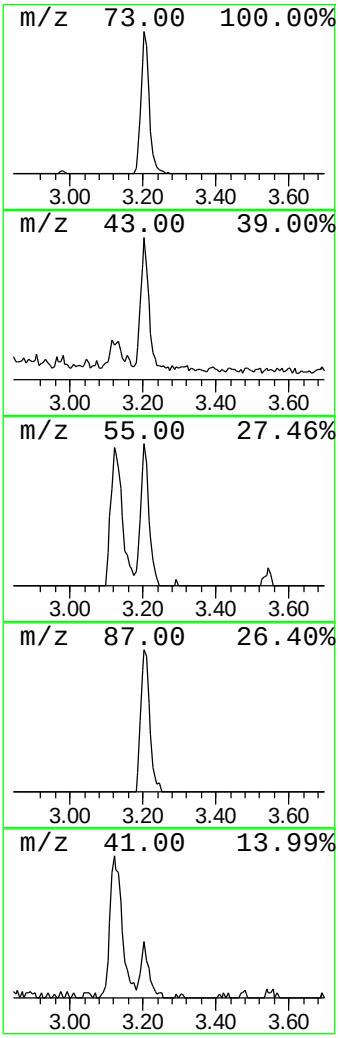
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	9.61 ng	57340	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	43
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Data File : BG020116.D
Acq On : 11 Dec 2015 21:25
Operator : UM/SJ
Sample : G4729-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-19

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

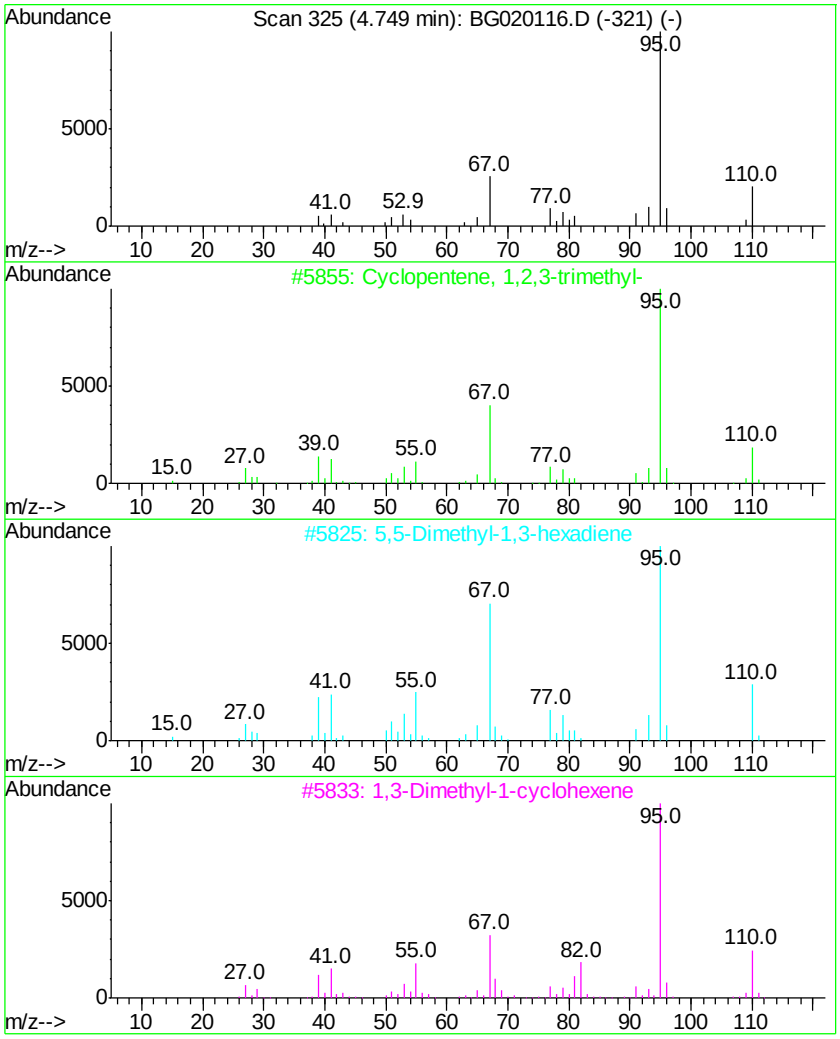
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

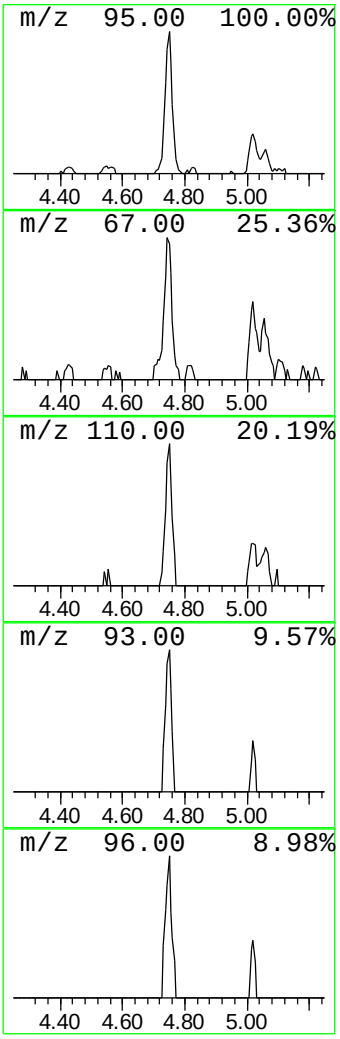
****

Peak Number 3 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	5.57 ng	33236	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	91
2	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	91
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	86
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	83
5	Ketone, 1,5-dimethylbicyclo[2.1....	138	C9H14O	024081-57-0	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020116.D
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Sample : G4729-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-19

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

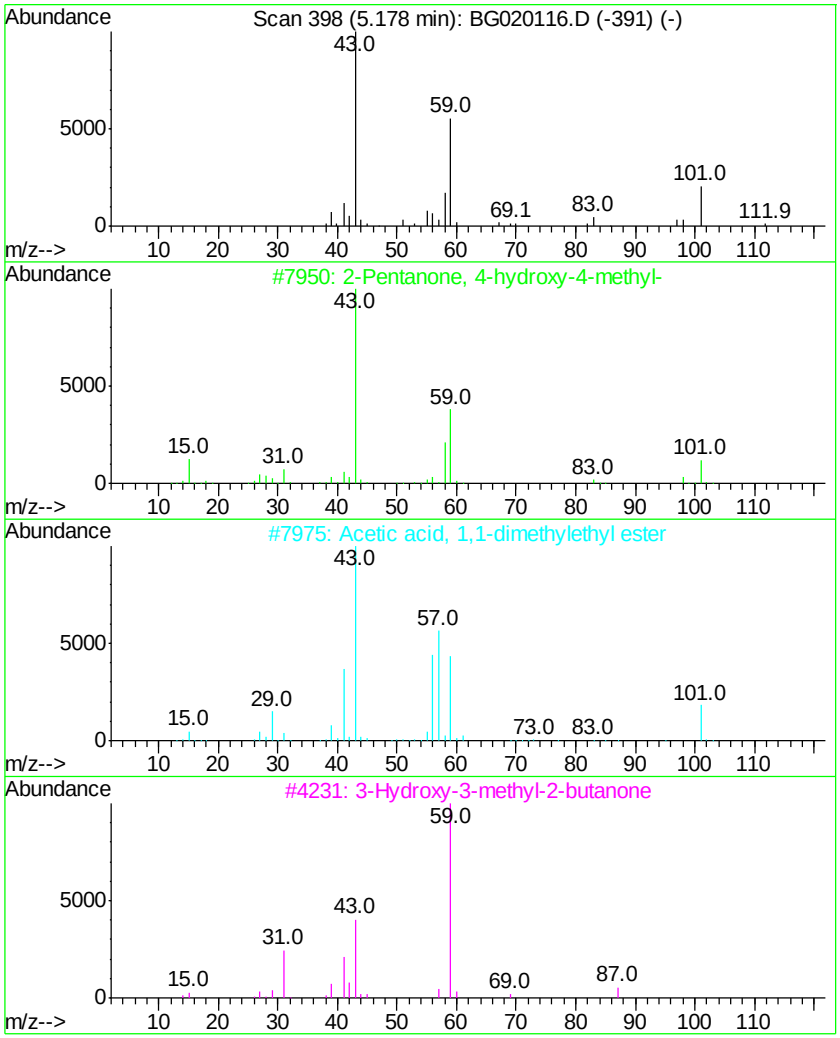
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

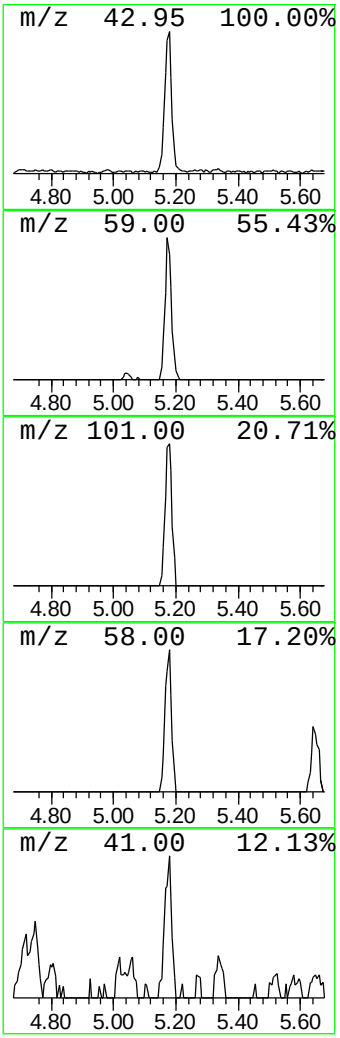
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	9.93 ng	59265	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	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	27
4	3-Octanol	130	C8H18O	000589-98-0	25
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020116.D
Acq On : 11 Dec 2015 21:25
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Sample : G4729-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-19

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

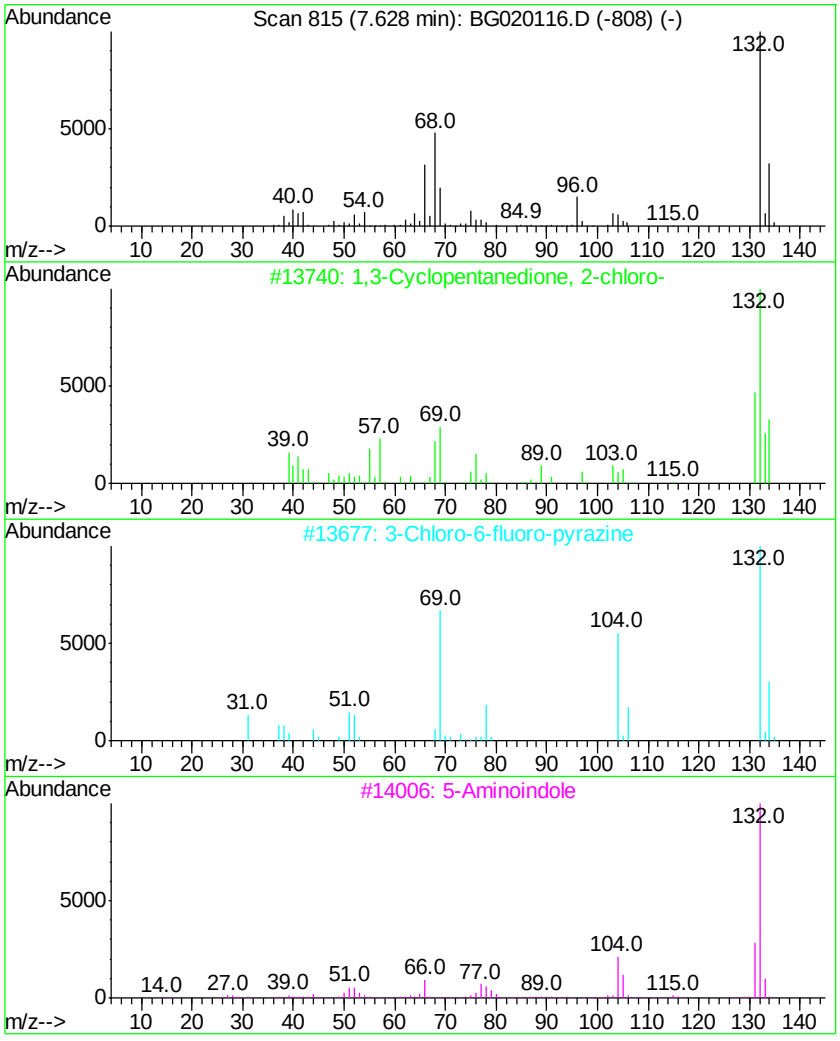
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

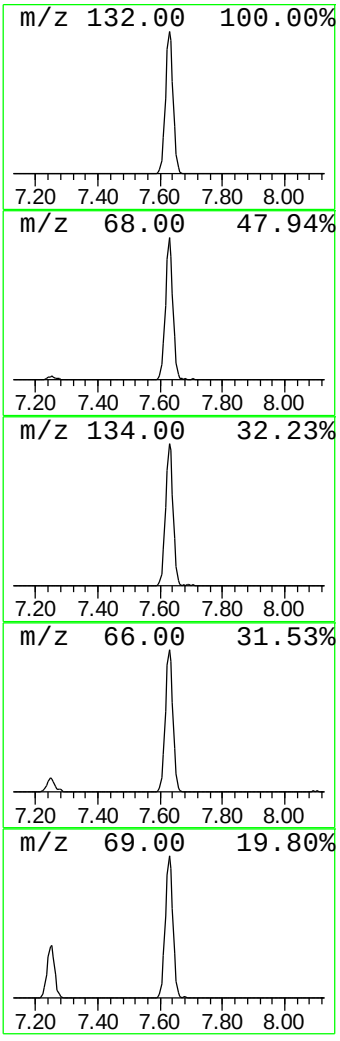
****

Peak Number 5 unknown7.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	84.63 ng	504991	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	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	27
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Library Search Compound Report

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Operator : UM/SJ
Sample : G4729-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-19

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

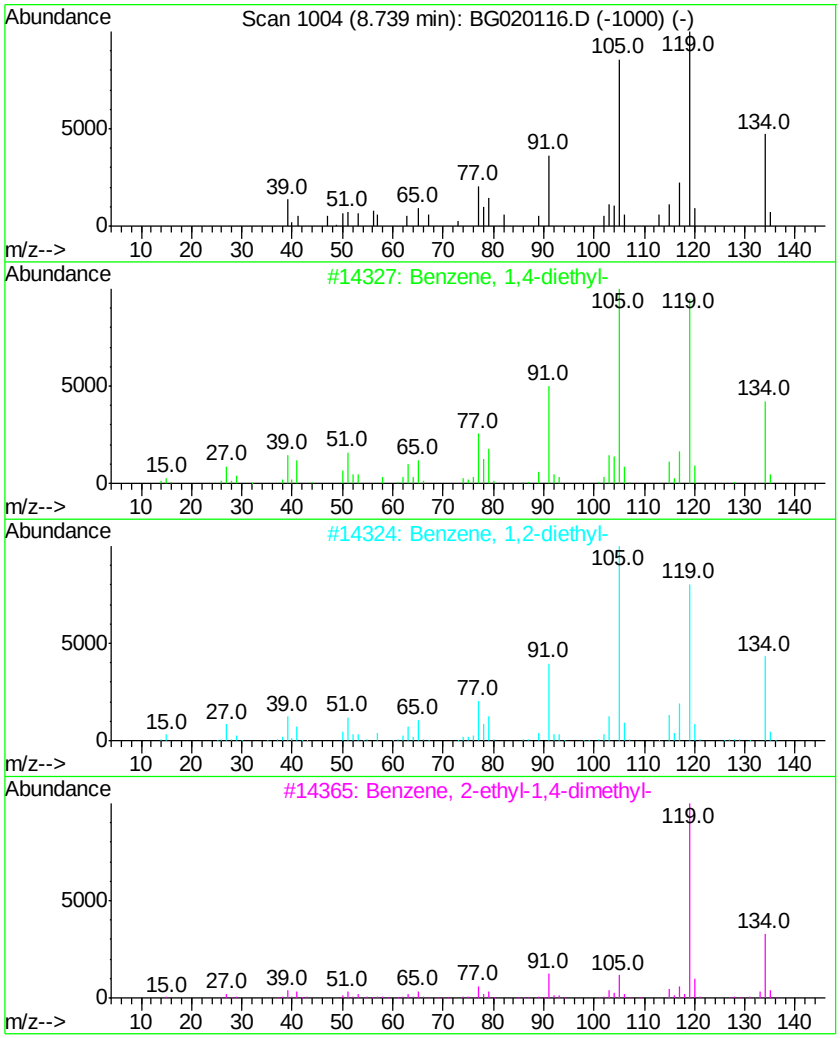
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

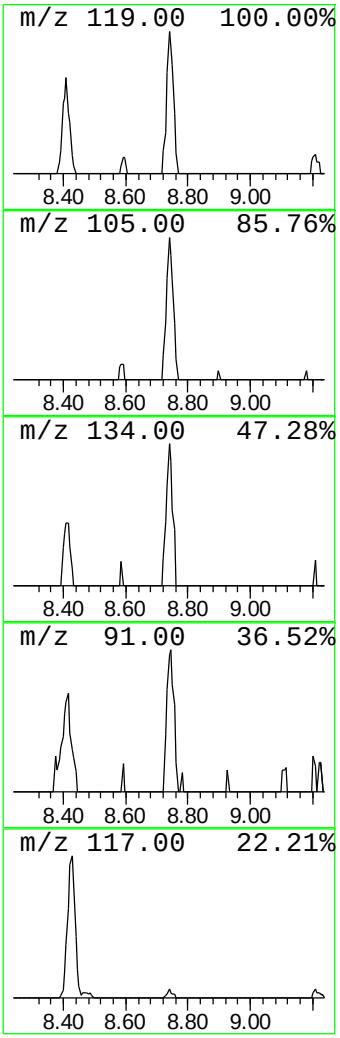
****

Peak Number 7 Benzene, 1,4-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	3.82 ng	22769	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	72
4	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	72
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	68





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Instrument : BNA_G
ClientSampleId : W-19

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

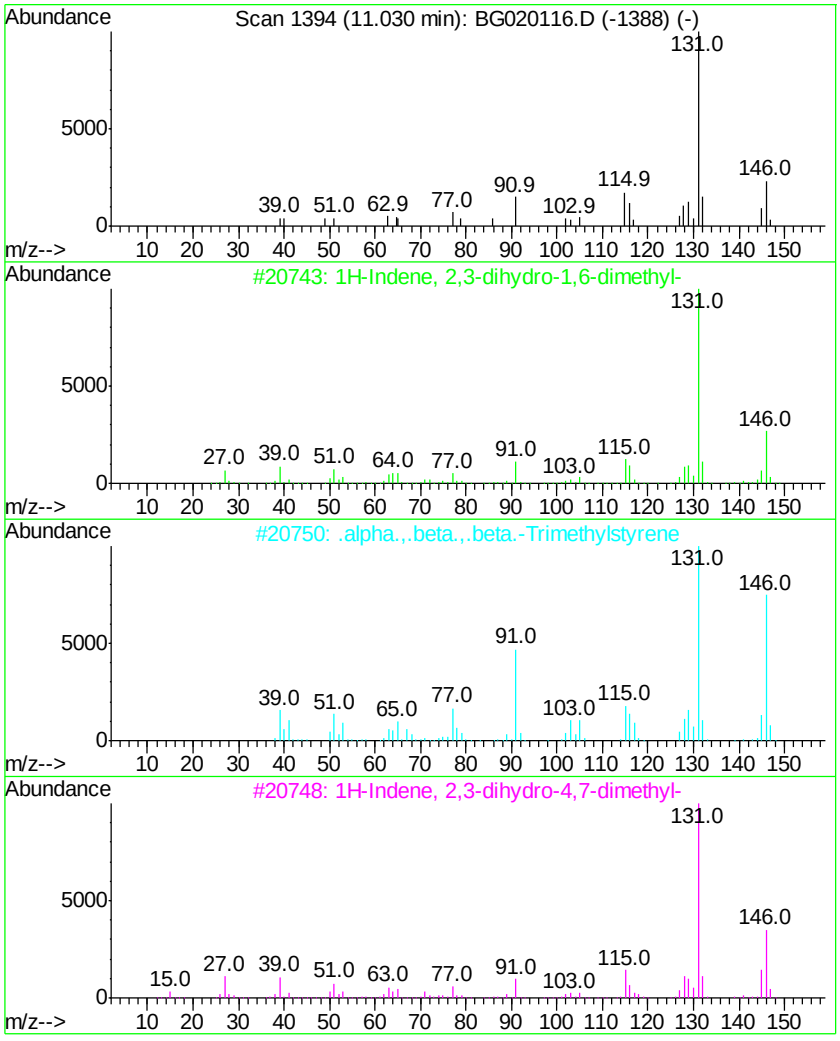
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

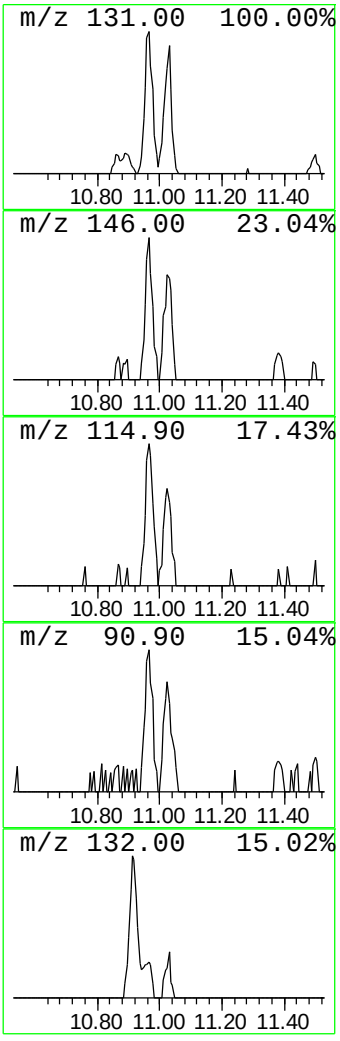
****

Peak Number 8 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	2.70 ng	24222	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	93
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91





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

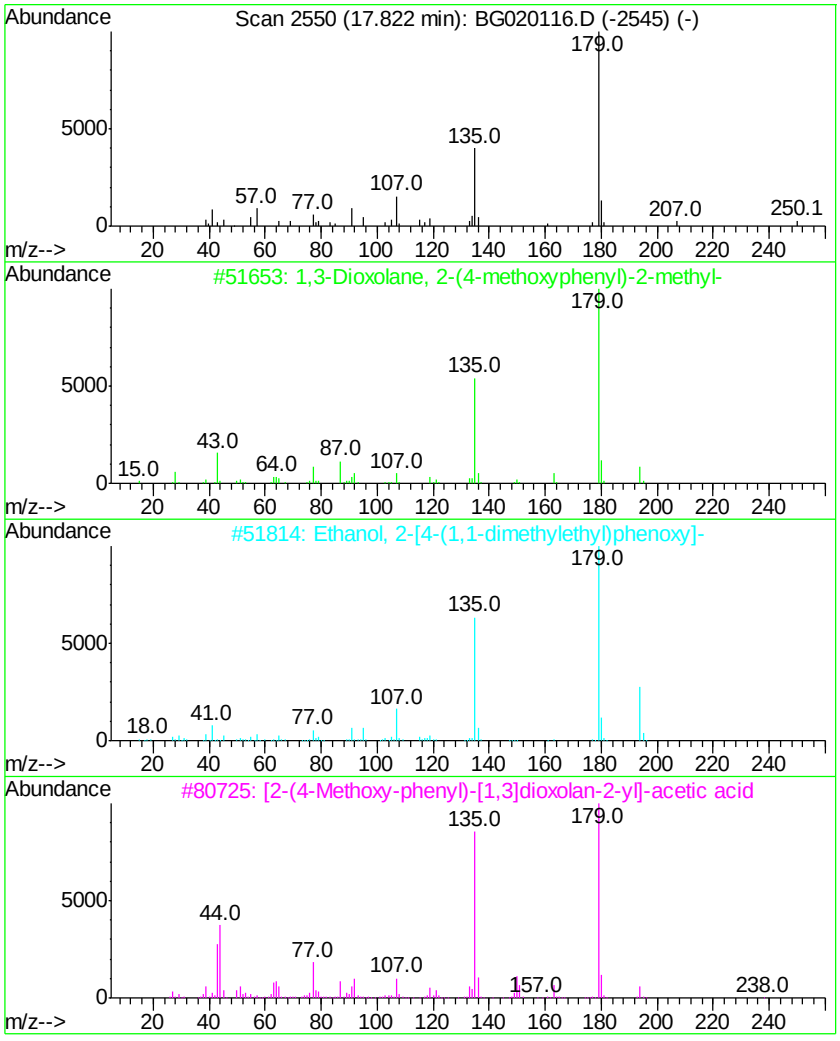
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

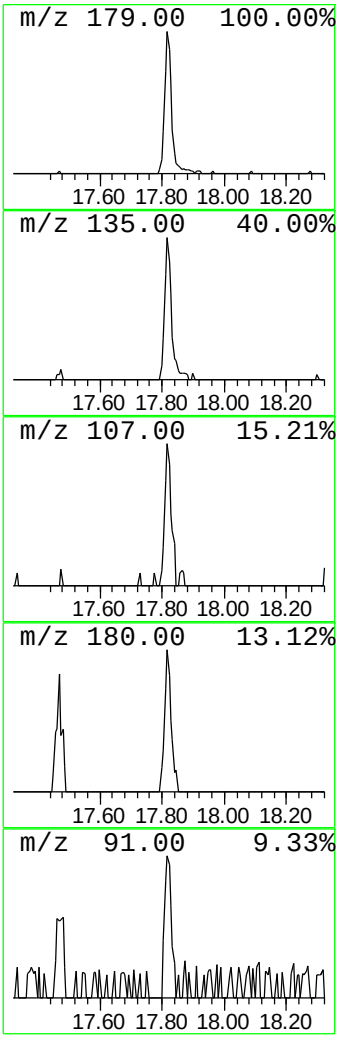
****

Peak Number 9 1,3-Dioxolane, 2-(4-methoxy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	2.45 ng	46757	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(4-methoxyphenyl...	194	C11H14O3	036881-00-2	78
2	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	50
3	[2-(4-Methoxy-phenyl)-[1,3]dioxo...	238	C12H14O5	1000193-22-2	40
4	Acetic acid, [2-[(2-propenylamin...	235	C12H13NO4	000119-45-9	38
5	4-Ethoxy-2-(methylamino)tropone	179	C10H13NO2	1000241-45-1	33





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TIC Library : C:\DATABASE\NIST02.L
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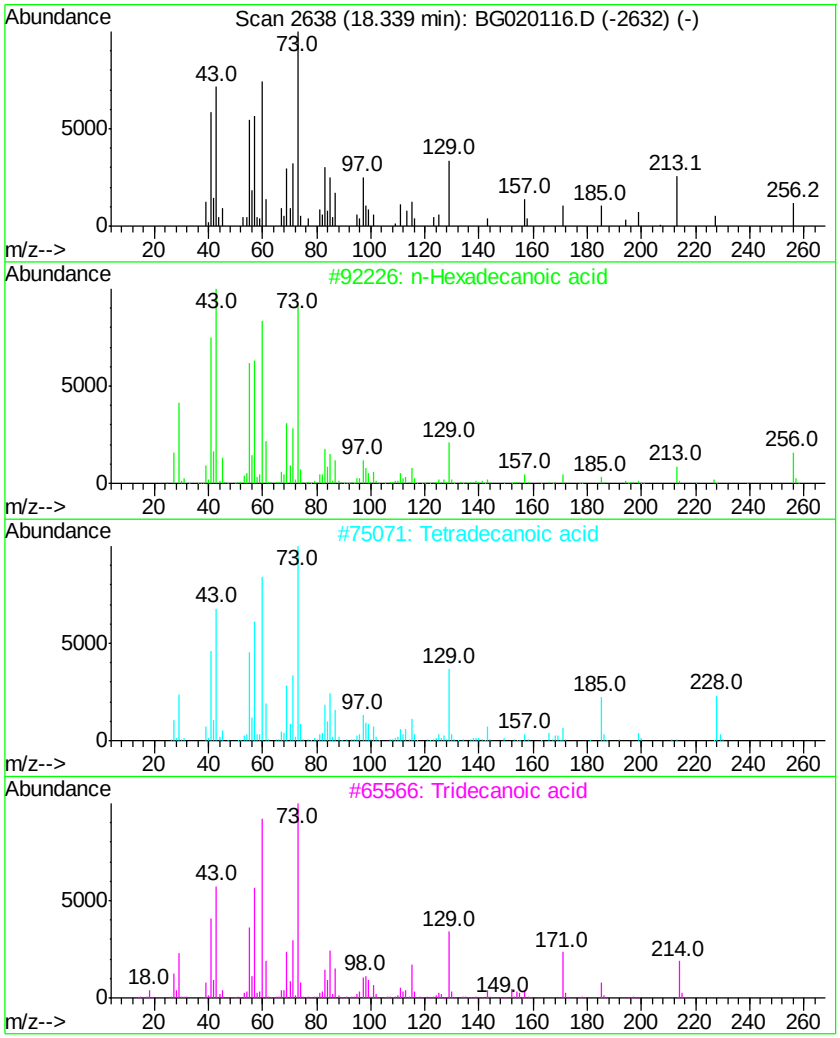
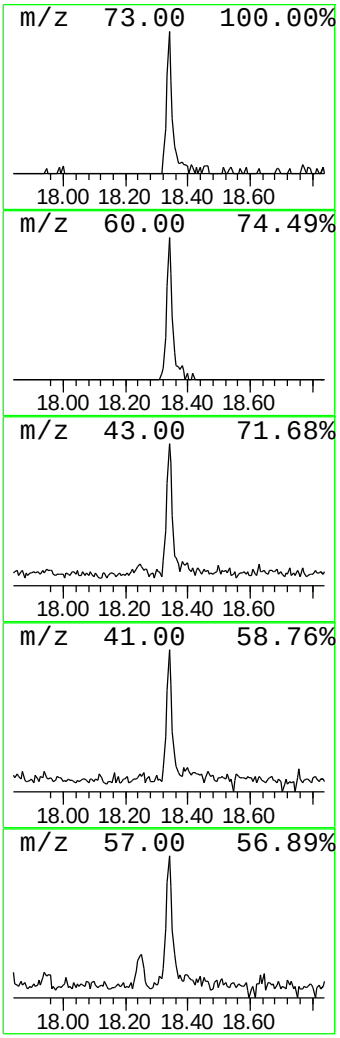
****

Peak Number 10 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.99 ng	56904	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	n-Decanoic acid	172	C10H20O2	000334-48-5	43
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	43





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

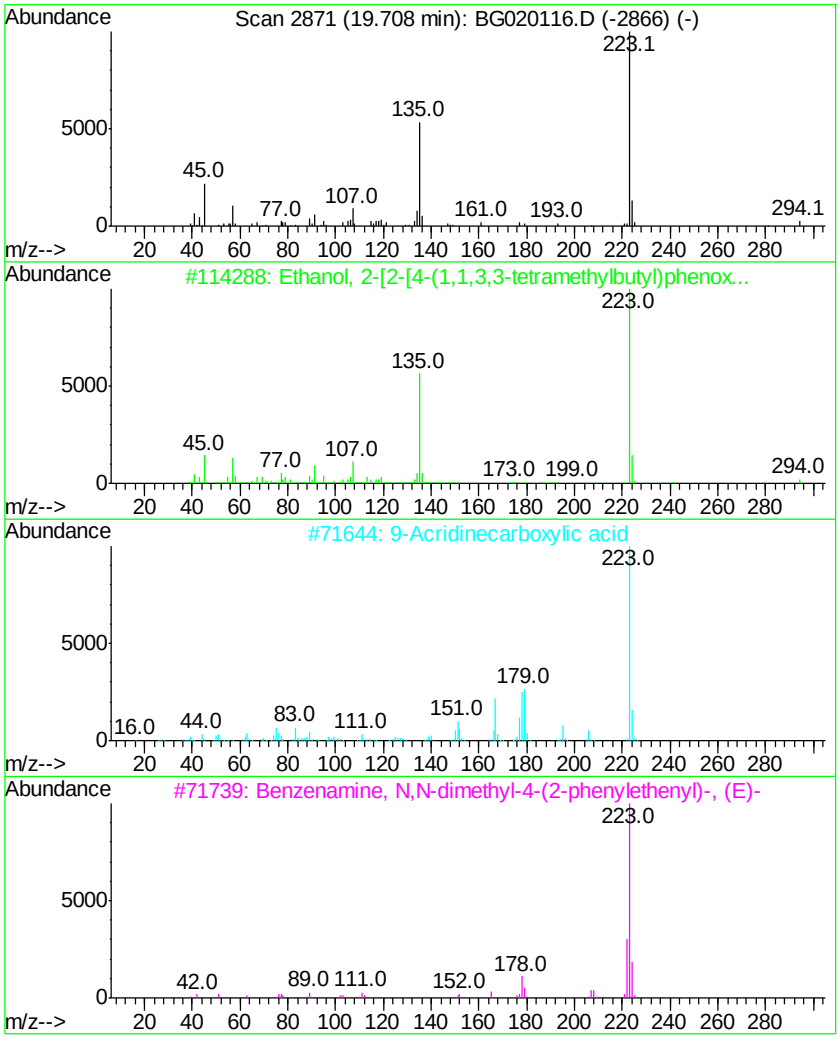
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

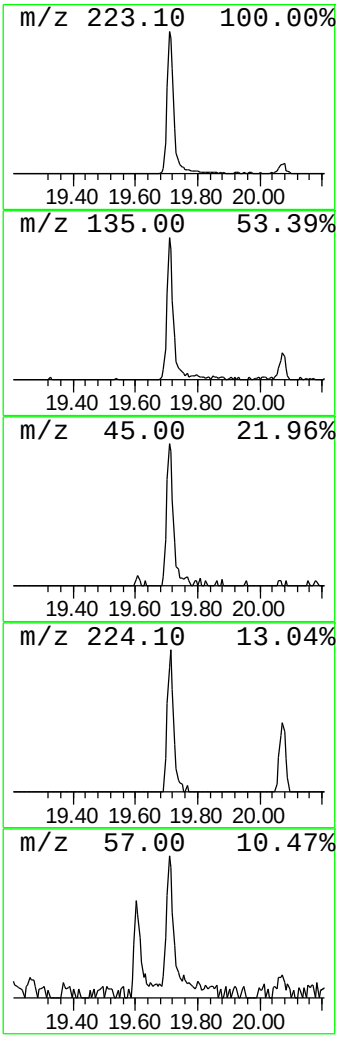
****

Peak Number 11 Ethanol, 2-[2-[4-(1,1,3,3-t... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	4.70 ng	113373	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	87
2	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	43
3	Benzenamine, N,N-dimethyl-4-(2-p...	223	C16H17N	000838-95-9	43
4	Tetrazole, 1-(4-ethylphenyl)-5-(...	410	C25H26N6	125038-06-4	32
5	4,4'-Trimethylenebis(1-methylpip...	238	C15H30N2	064168-11-2	32





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Instrument : BNA_G
ClientSampleId : W-19

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

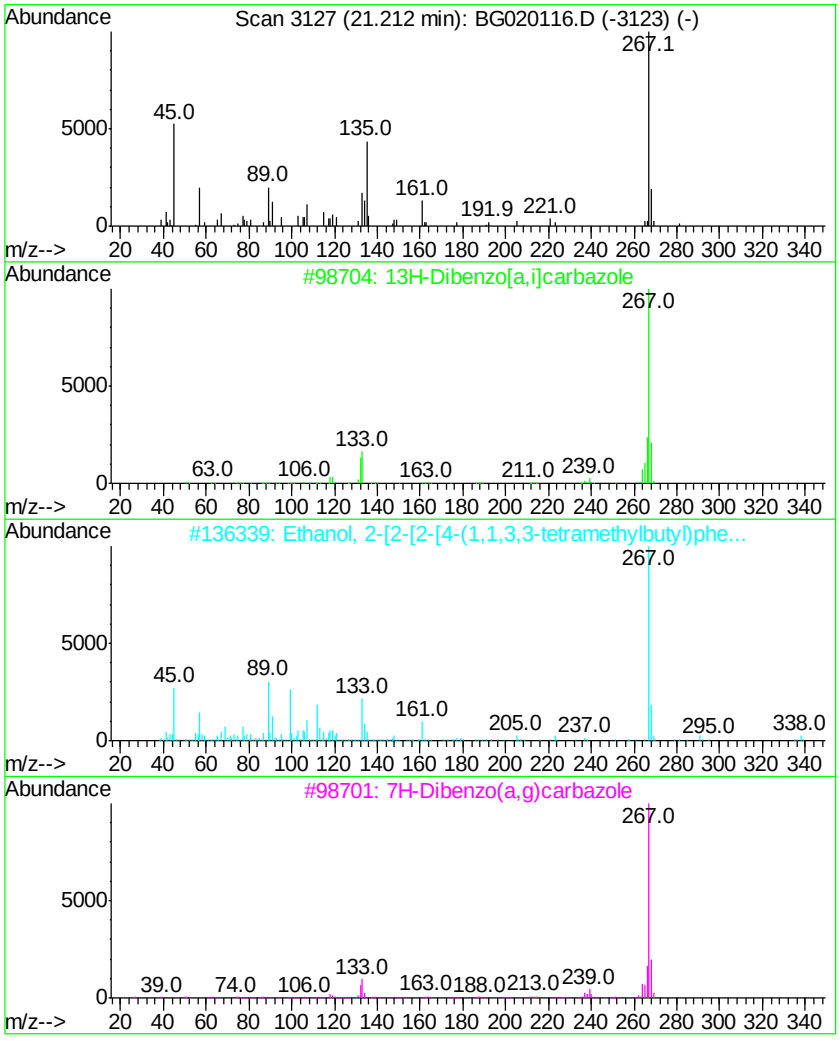
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

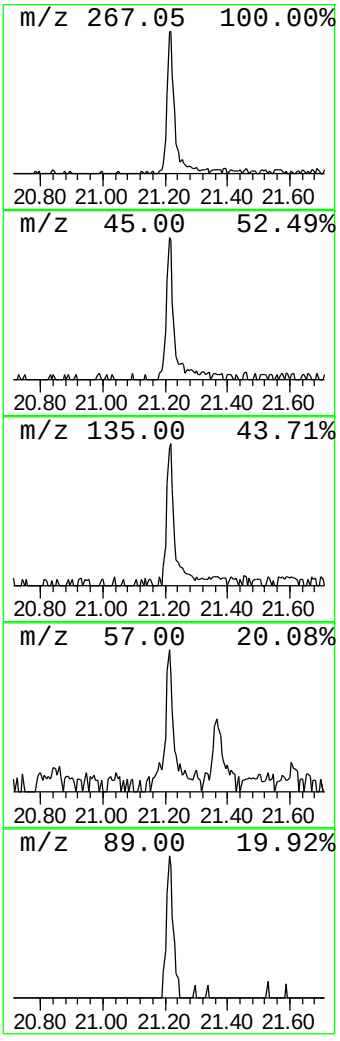
****

Peak Number 12 unknown21.21 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.21	2.30 ng	55444	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	38
2	Ethanol, 2-[2-[2-[4-(1,1,3,3-tet...	338	C20H34O4	002315-62-0	38
3	7H-Dibenzo(a,g)carbazole	267	C20H13N	000207-84-1	35
4	1,5-Diphenyl-3-methylthio-1,2,4-...	267	C15H13N3S	072234-23-2	25
5	[2-Amino-4-(adamantyl-1)phenyl]c...	267	C19H25N	1000140-61-3	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121215\
Data File : BG020116.D
Acq On : 11 Dec 2015 21:25
Operator : UM/SJ
Sample : G4729-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-19

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	9.6	ng	57340	1	8.10	119348	20.0
Cyclopentene, 1,2...	4.75	5.6	ng	33236	1	8.10	119348	20.0
2-Pentanone, 4-hy...	5.18	9.9	ng	59265	1	8.10	119348	20.0
unknown7.63	7.63	84.6	ng	504991	1	8.10	119348	20.0
Benzene, 1,4-diet...	8.74	3.8	ng	22769	1	8.10	119348	20.0
1H-Indene, 2,3-di...	11.03	2.7	ng	24222	2	10.92	179240	20.0
1,3-Dioxolane, 2-...	17.82	2.5	ng	46757	4	17.47	381193	20.0
n-Hexadecanoic acid	18.34	3.0	ng	56904	4	17.47	381193	20.0
Ethanol, 2-[2-[4-...	19.71	4.7	ng	113373	5	21.74	482433	20.0
unknown21.21	21.21	2.3	ng	55444	5	21.74	482433	20.0