LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
Data File : BG020048.D
Acq On : 9 Dec 2015 17:59
Operator : UM/SJ
Sample : G4556-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ELP-5

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	3.138	45	51	60	rBV2	34230	75254	5.12%	0.910%
2	3.226	60	66	75	rVB	125300	174854	11.89%	2.114%
3	5.189	392	400	407	rBV	109556	163833	11.14%	1.981%
4	5.659	473	480	488	rVB	297383	467591	31.79%	5.653%
5	7.257	745	752	762	rBV	284364	495286	33.68%	5.988%
6	7.639	809	817	824	rBV	330465	555110	37.75%	6.711%
7	8.109	890	897	905	rVB	69079	115950	7.88%	1.402%
8	8.438	945	953	962	rVB	265452	468122	31.83%	5.659%
9	9.278	1086	1096	1108	rBV	237681	426656	29.01%	5.158%
10	10.923	1369	1376	1383	rBV	98465	177554	12.07%	2.147%
11	13.361	1783	1791	1798	rBV	697183	1086107	73.85%	13.131%
12	14.736	2019	2025	2033	rVB2	168364	268848	18.28%	3.250%
13	16.223	2270	2278	2285	rBV	508050	764720	52.00%	9.245%
14	16.470	2316	2320	2329	rVB	15898	25240	1.72%	0.305%
15	17.480	2484	2492	2498	rBV	226054	338665	23.03%	4.094%
16	18.350	2635	2640	2649	rBV2	40554	67384	4.58%	0.815%
17	19.619	2850	2856	2866	rBV2	30167	63033	4.29%	0.762%
18	20.083	2929	2935	2942	rVB	1139120	1470671	100.00%	17.780%
19	21.387	3152	3157	3166	rBV7	15114	31713	2.16%	0.383%
20	21.628	3194	3198	3204	rVB	16961	21452	1.46%	0.259%
21	21.752	3211	3219	3226	rBV	275673	450551	30.64%	5.447%
22	25.024	3766	3776	3790	rBV2	140061	397025	27.00%	4.800%
23	26.816	4073	4081	4104	rBV2	22512	110241	7.50%	1.333%
24	27.351	4165	4172	4182	rBV2	9939	29523	2.01%	0.357%
25	29.836	4583	4595	4601	rBV2	6658	26184	1.78%	0.317%

Sum of corrected areas: 8271567

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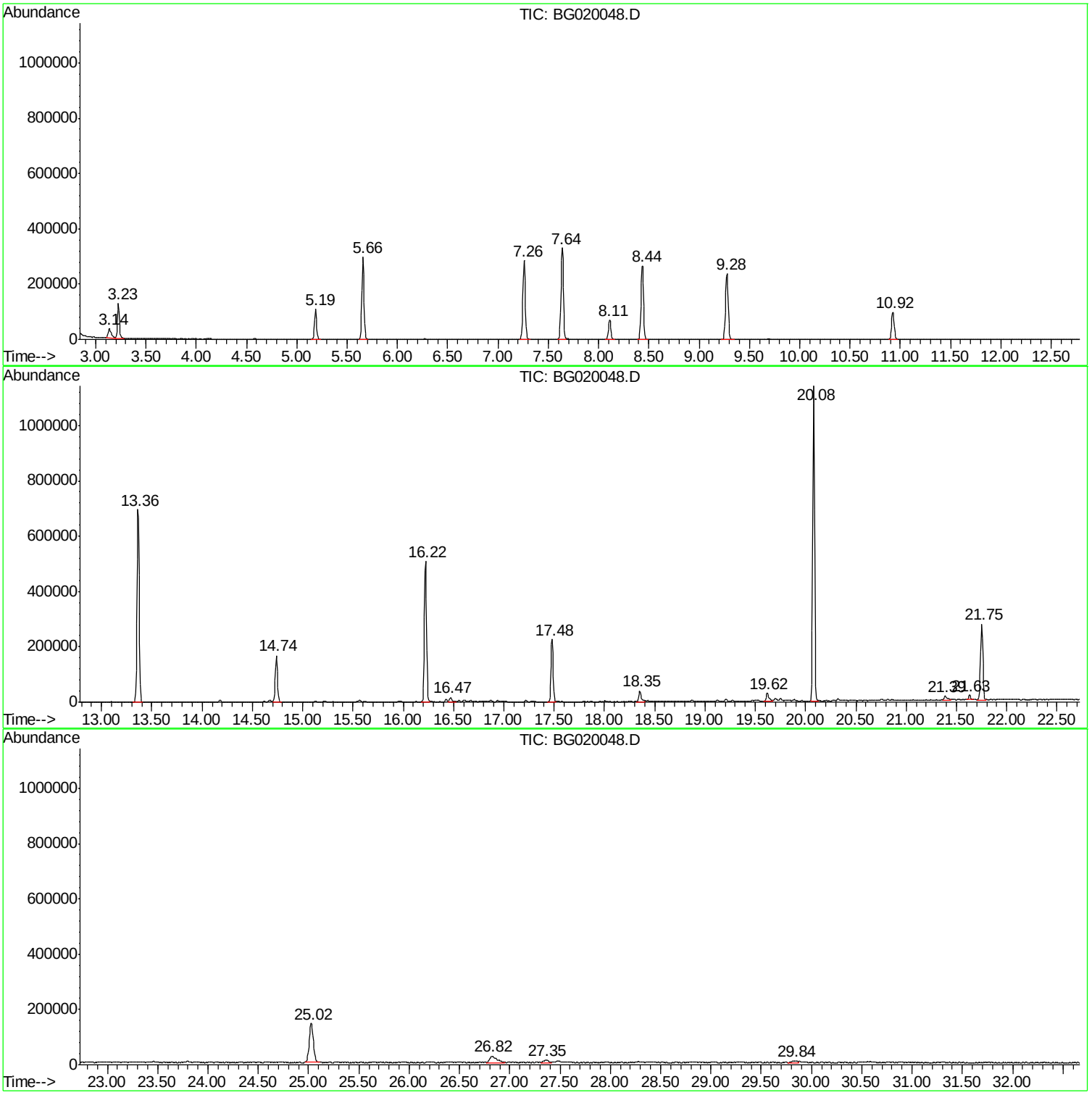
Instrument : BNA_G
ClientSampleId : ELP-5

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
Data File : BG020048.D
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Operator : UM/SJ
Sample : G4556-11
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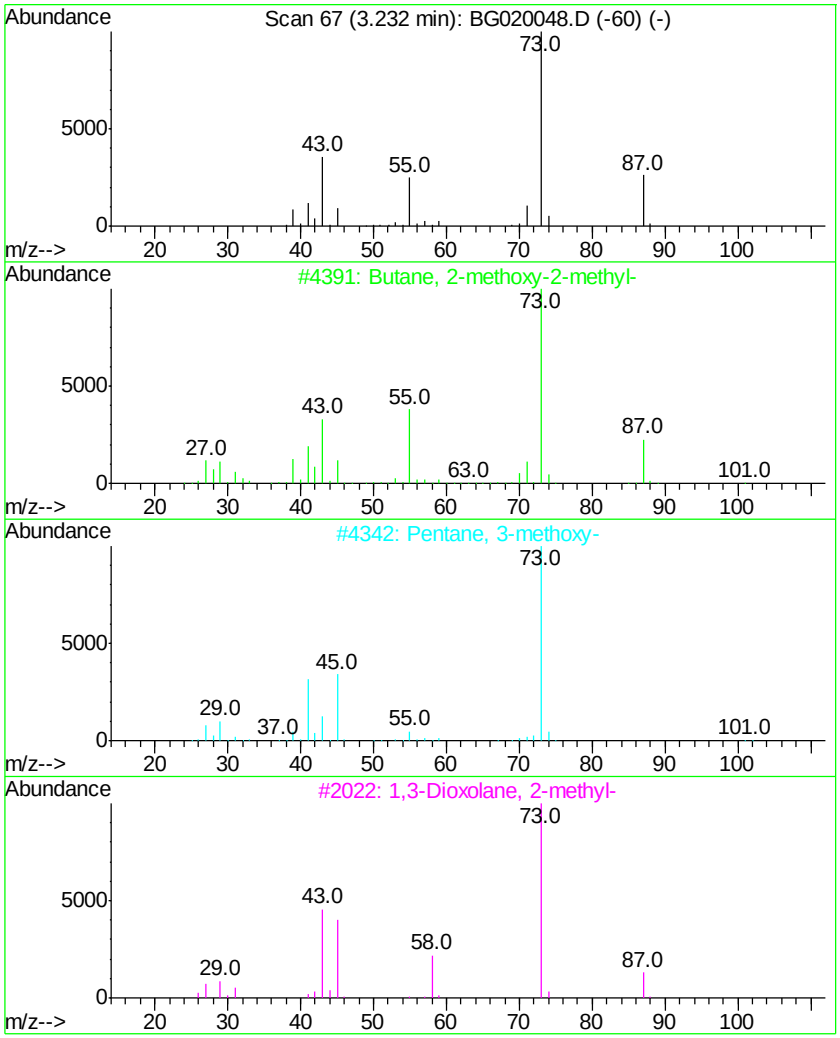
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

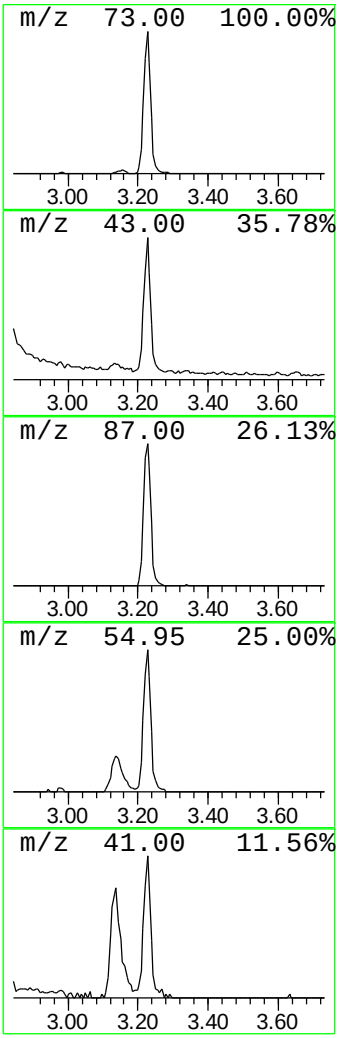
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	30.16 ng	174854	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Data File : BG020048.D
Acq On : 9 Dec 2015 17:59
Operator : UM/SJ
Sample : G4556-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ELP-5

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

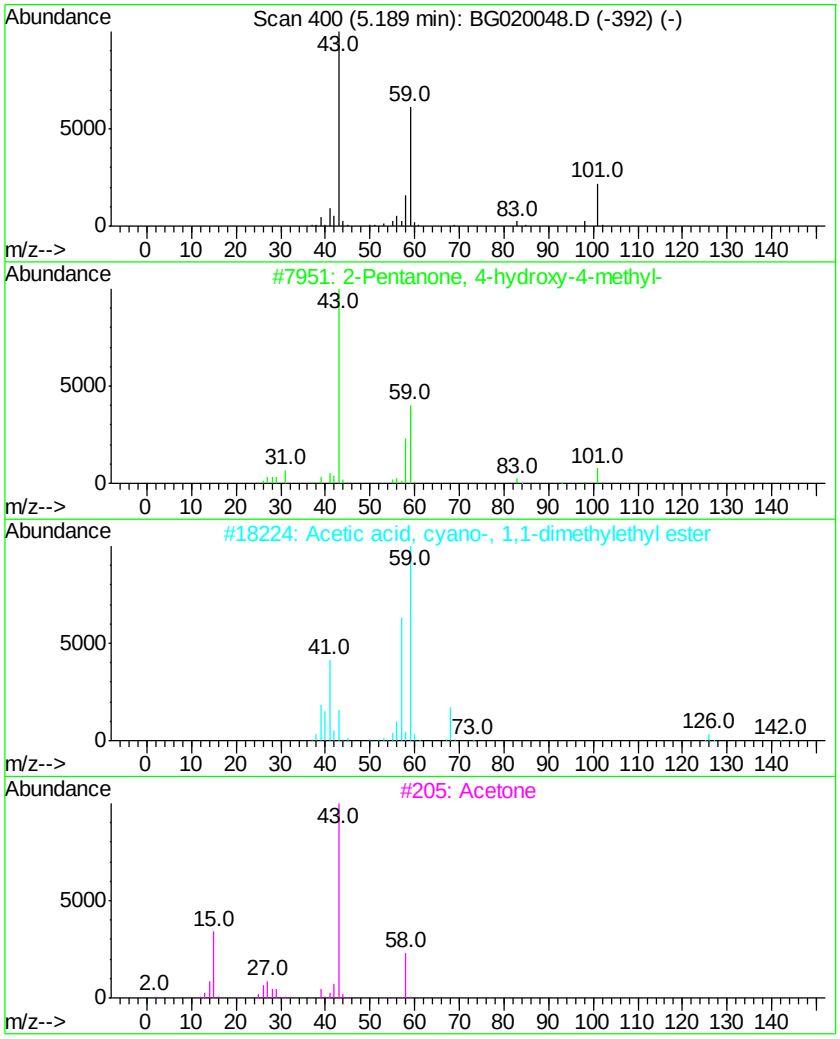
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

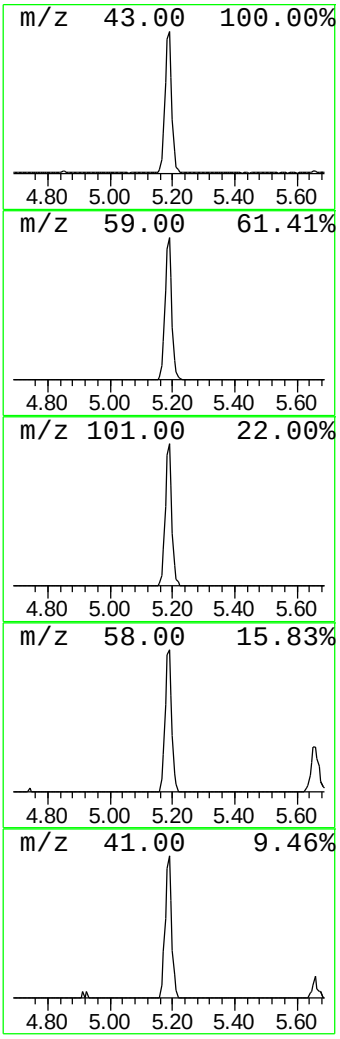
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	28.26 ng	163833	1,4-Dichlorobenzene-d4	8.11

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Acetone	58	C3H6O	000067-64-1	10
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9
5	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
Data File : BG020048.D
Acq On : 9 Dec 2015 17:59
Operator : UM/SJ
Sample : G4556-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ELP-5

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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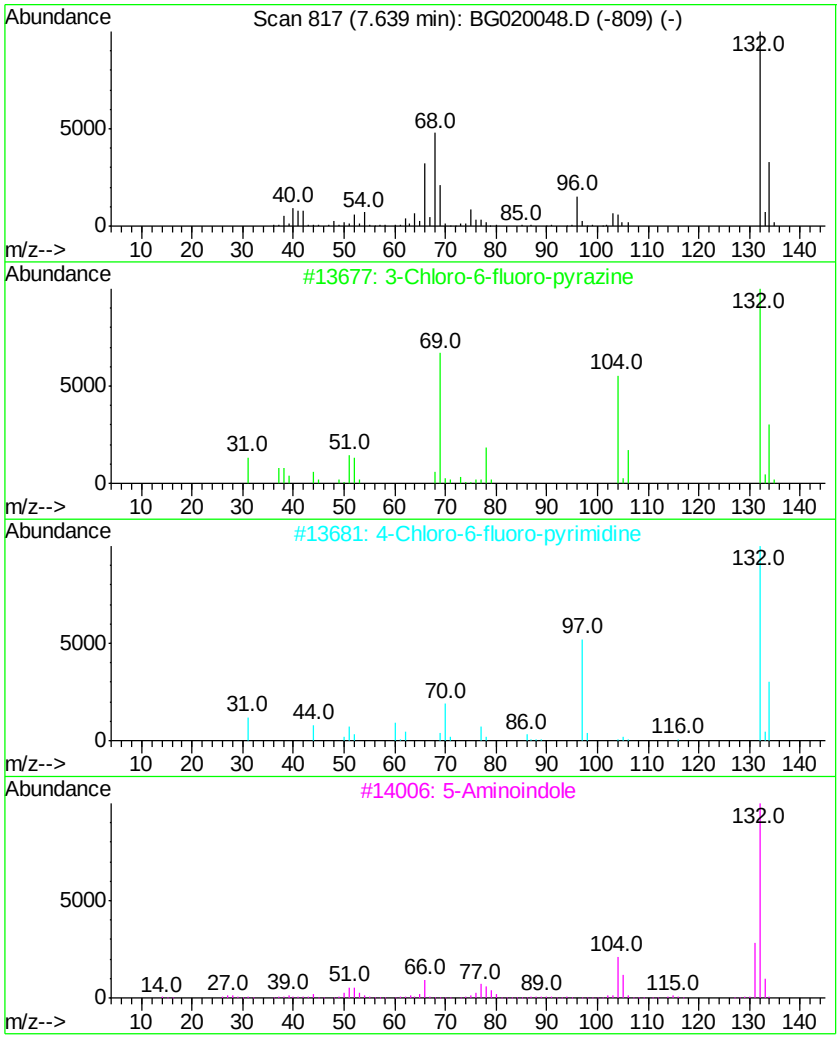
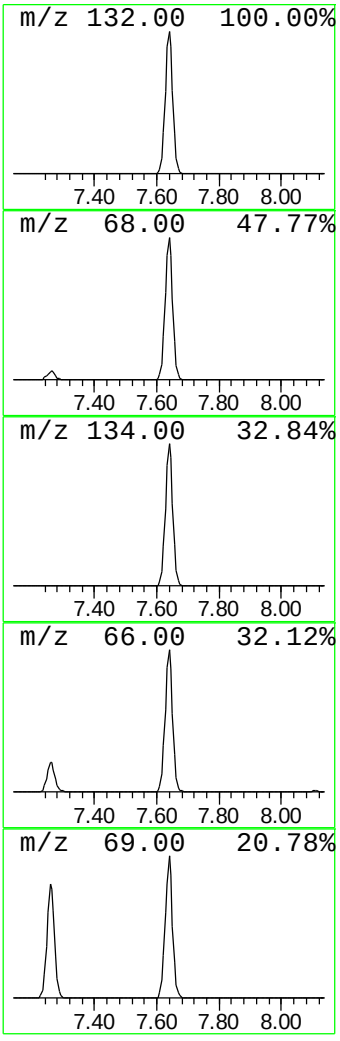
Peak Number 4 unknown7.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	95.75 ng	555110	1,4-Dichlorobenzene-d4	8.11

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	27
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Library Search Compound Report

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Data File : BG020048.D
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Operator : UM/SJ
Sample : G4556-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ELP-5

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

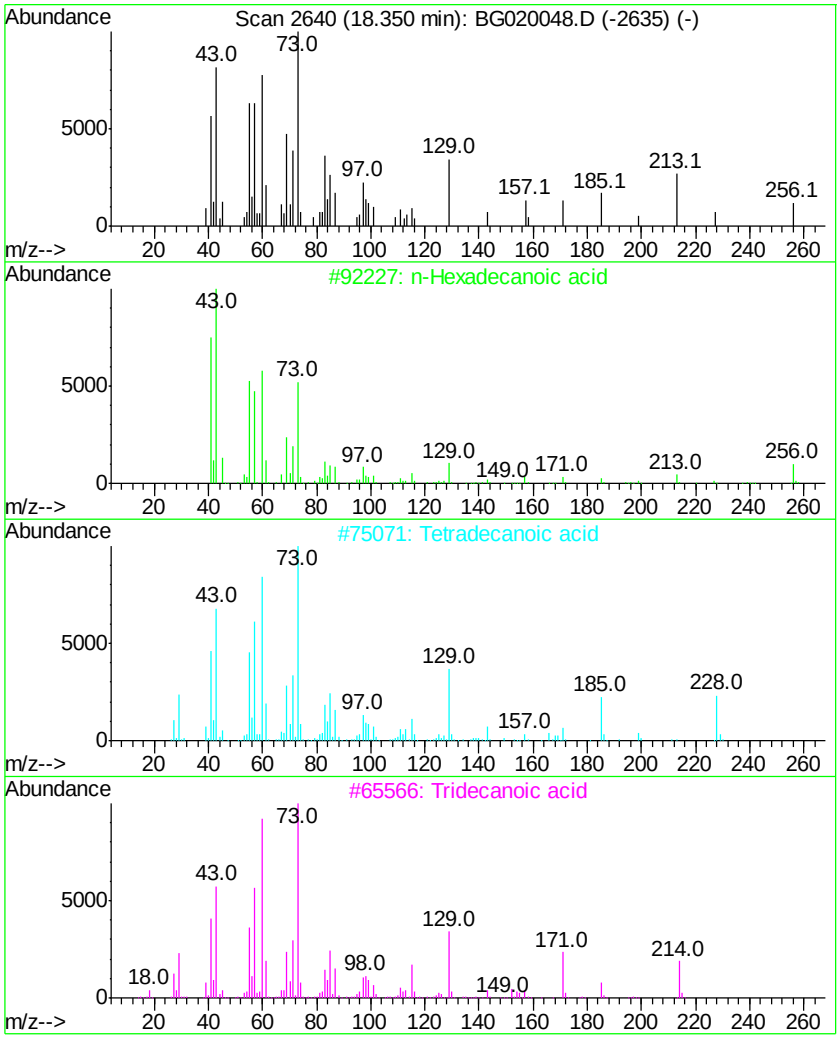
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

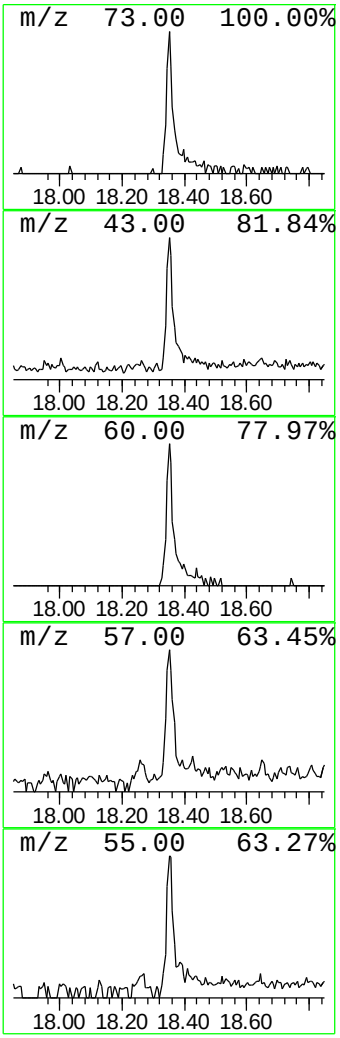
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	3.98 ng	67384	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	53
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	Vitamin d3	384	C27H44O	001406-16-2	22





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Sample : G4556-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ELP-5

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
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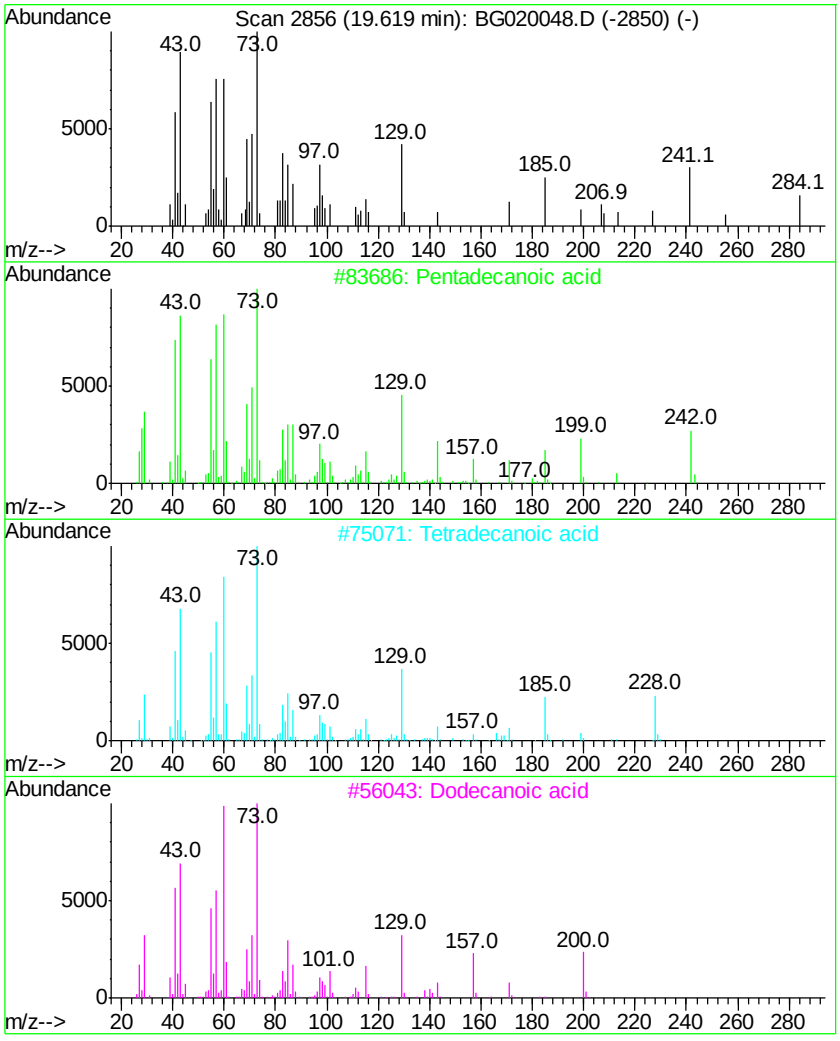
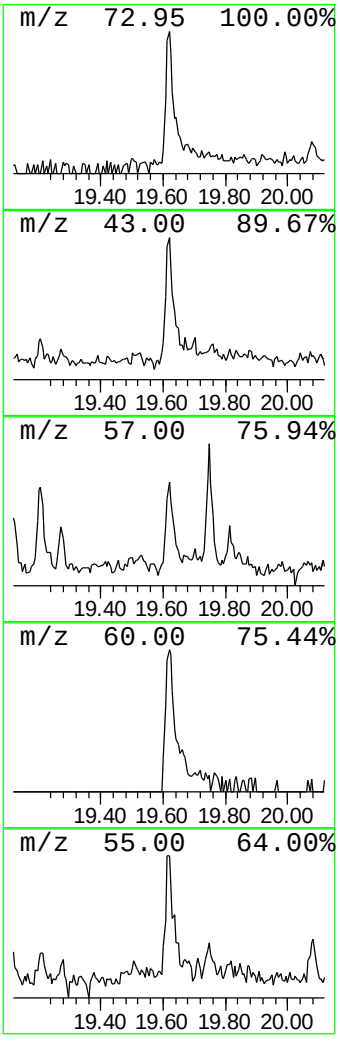
****

Peak Number 7 Pentadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	2.80 ng	63033	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Dodecanoic acid	200	C12H24O2	000143-07-7	47
4	Hexadecane	226	C16H34	000544-76-3	10
5	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	10





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Instrument : BNA_G
ClientSampleId : ELP-5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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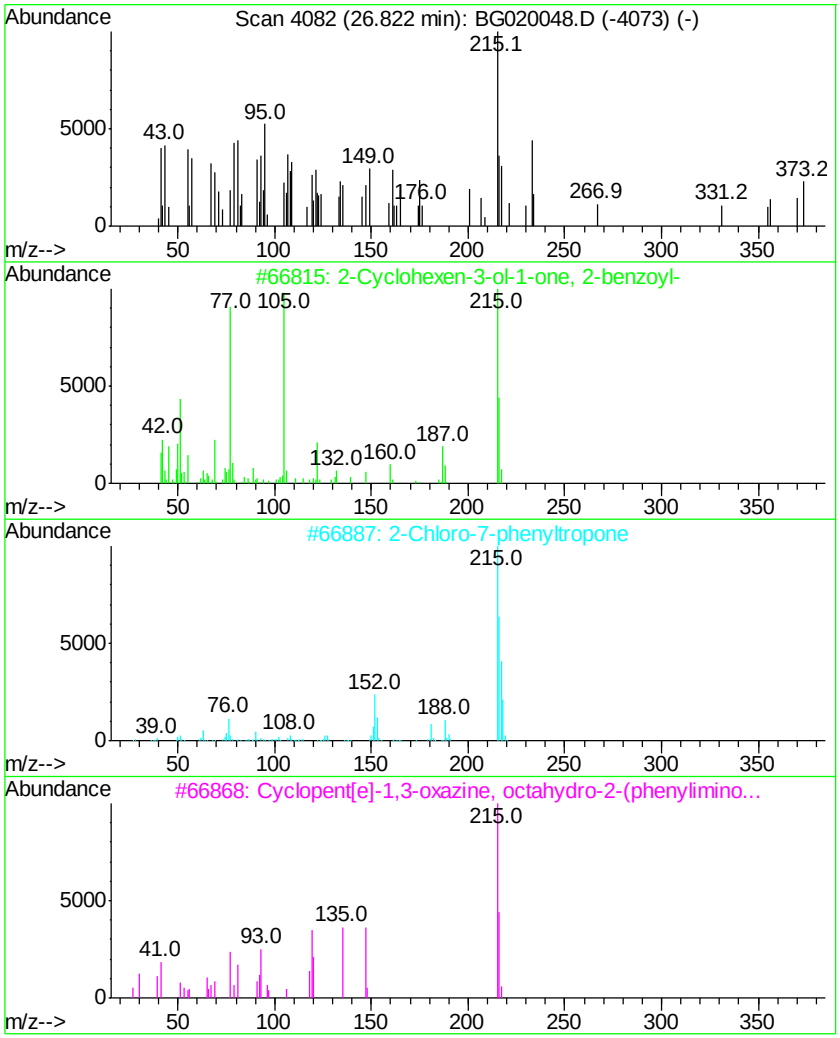
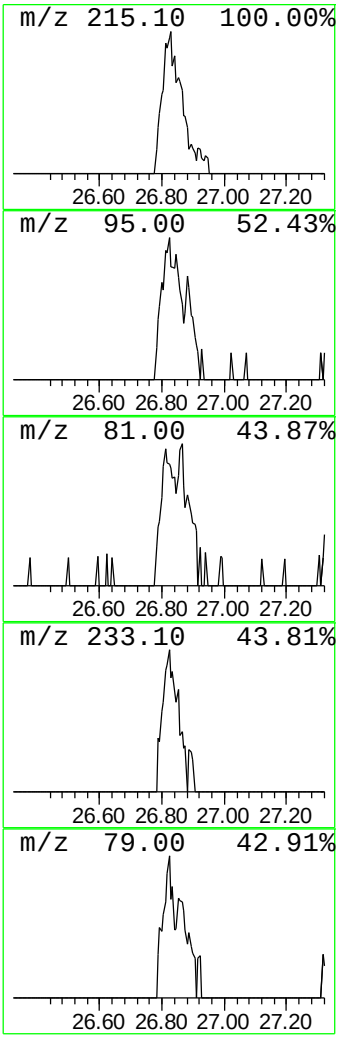
Peak Number 8 unknown26.82 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.82	5.55 ng	110241	Perylene-d12	25.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-3-ol-1-one, 2-benzoyl-	216	C13H12O3	061834-43-3	27
2	2-Chloro-7-phenyltropone	216	C13H9ClO	090128-01-1	25
3	Cyclopent[e]-1,3-oxazine, octahy...	216	C13H16N2O	1000138-92-2	16
4	Sulfamethoxypyridazine	280	C11H12N4O3S	000080-35-3	16
5	2-Norbornanamine, N-ethyl-3-phenyl-	215	C15H21N	001209-98-9	14





Tentatively Identified Compound (LSC) summary

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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...	3.23	30.2	ng	174854	1	8.11	115950	20.0
2-Pentanone, 4-hy...	5.19	28.3	ng	163833	1	8.11	115950	20.0
unknown7.64	7.64	95.8	ng	555110	1	8.11	115950	20.0
n-Hexadecanoic acid	18.35	4.0	ng	67384	4	17.48	338665	20.0
Pentadecanoic acid	19.62	2.8	ng	63033	5	21.75	450551	20.0
unknown26.82	26.82	5.5	ng	110241	6	25.02	397025	20.0