LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019958.D
Acq On : 6 Dec 2015 1:23
Operator : UM/NP
Sample : G4630-17
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-28

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	5.187	394	400	410	rVB	47256	72770	2.11%	0.489%
2	5.657	473	480	488	rBV	323374	507224	14.72%	3.409%
3	7.255	744	752	763	rBV	218917	367537	10.66%	2.470%
4	7.643	810	818	825	rBV	568507	972423	28.22%	6.535%
5	8.113	891	898	904	rVB	120928	204989	5.95%	1.378%
6	8.436	946	953	962	rBV	508318	888903	25.79%	5.974%
7	9.282	1089	1097	1108	rBV	453228	799156	23.19%	5.371%
8	10.934	1370	1378	1387	rVB	166408	303552	8.81%	2.040%
9	13.372	1785	1793	1800	rBV	1372498	2090869	60.67%	14.052%
10	14.741	2020	2026	2034	rBV2	294792	471734	13.69%	3.170%
11	15.546	2154	2163	2166	rBV	32970	46946	1.36%	0.316%
12	16.227	2268	2279	2288	rBV	1140590	1748611	50.74%	11.752%
13	17.485	2486	2493	2500	rBV2	403524	605827	17.58%	4.072%
14	18.360	2636	2642	2651	rBV	84391	124333	3.61%	0.836%
15	19.623	2853	2857	2861	rBV2	78440	99210	2.88%	0.667%
16	20.087	2929	2936	2941	rBV	2569630	3446333	100.00%	23.162%
17	20.287	2966	2970	2974	rBV	30285	35824	1.04%	0.241%
18	20.763	3048	3051	3058	rVB	52739	69603	2.02%	0.468%
19	20.840	3058	3064	3071	rBV4	24822	55165	1.60%	0.371%
20	20.981	3084	3088	3092	rBV3	33420	51243	1.49%	0.344%
21	21.028	3092	3096	3100	rVB	62599	77505	2.25%	0.521%
22	21.098	3105	3108	3112	rVB2	29724	35616	1.03%	0.239%
23	21.386	3154	3157	3165	rVB4	48438	68905	2.00%	0.463%
24	21.539	3179	3183	3192	rVB	50673	81881	2.38%	0.550%
25	21.615	3192	3196	3207	rVB4	25042	56776	1.65%	0.382%
26	21.756	3213	3220	3228	rBV	467115	803223	23.31%	5.398%
27	22.091	3274	3277	3283	rVB	24353	39484	1.15%	0.265%
28	25.035	3767	3778	3792	rVB	258966	753804	21.87%	5.066%

Sum of corrected areas: 14879446

LSC Report - Integrated Chromatogram

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Data File : BG019958.D
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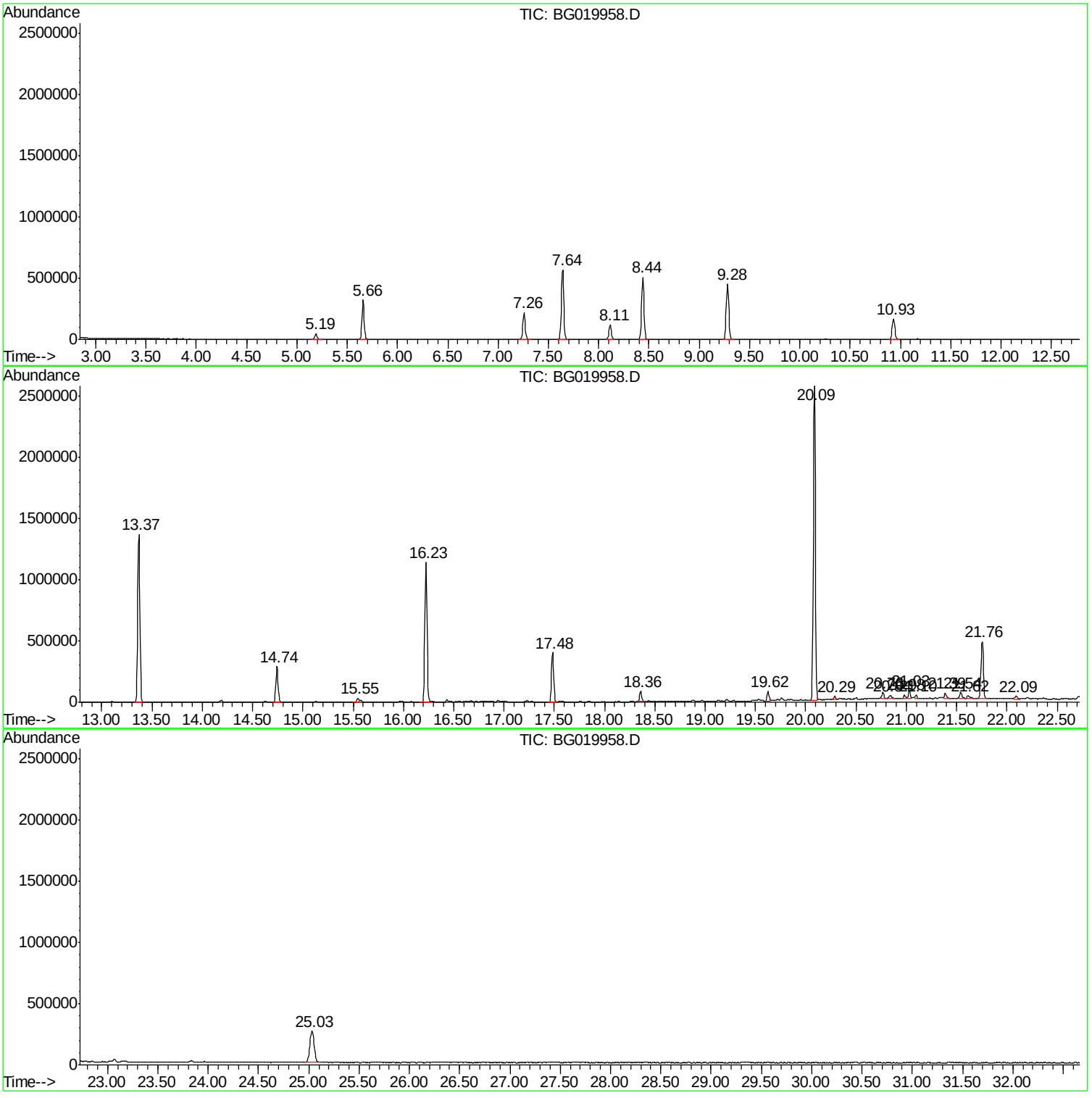
Operator : UM/NP
Sample : G4630-17
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-28

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\BG120515\
Data File : BG019958.D
Acq On : 6 Dec 2015 1:23
Operator : UM/NP
Sample : G4630-17
Misc :
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
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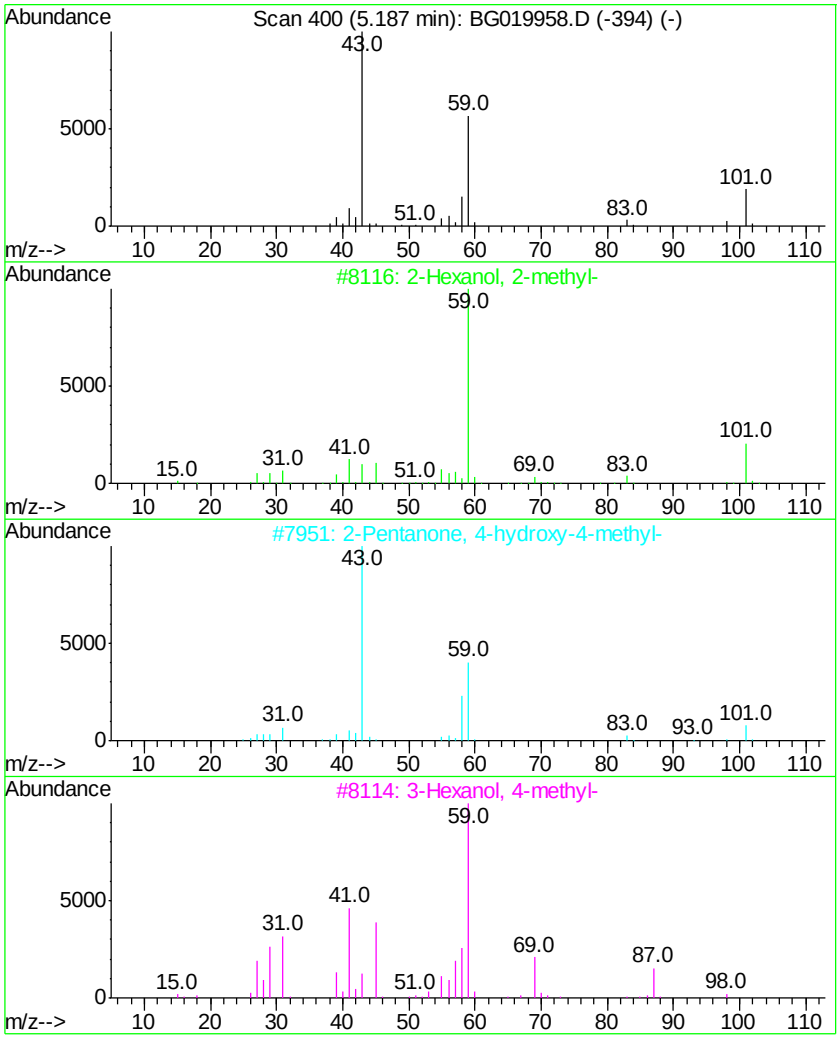
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

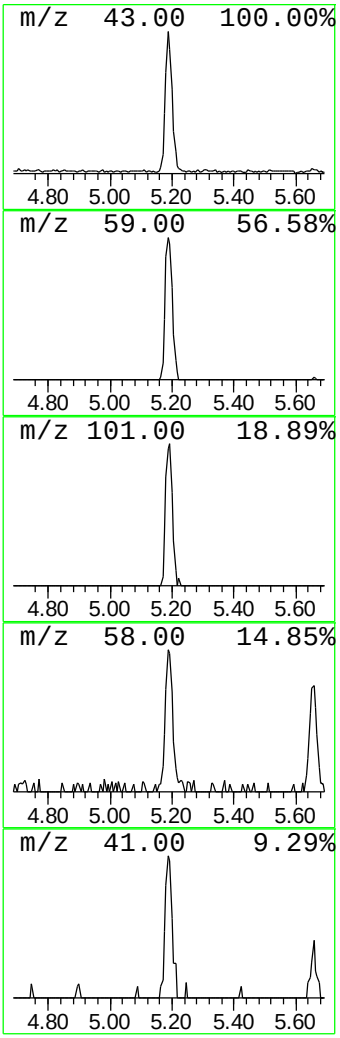
****

Peak Number 1 2-Hexanol, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	7.10 ng	72770	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	23
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17





Library Search Compound Report

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Data File : BG019958.D
Acq On : 6 Dec 2015 1:23
Operator : UM/NP
Sample : G4630-17
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-28

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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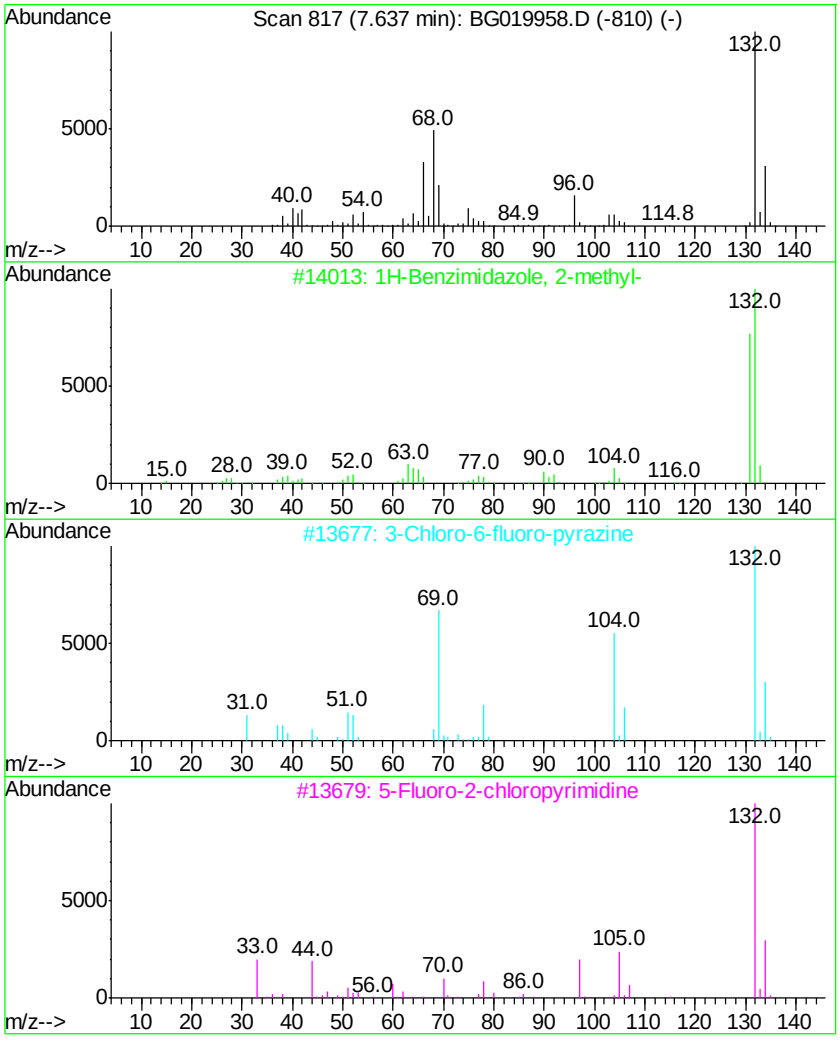
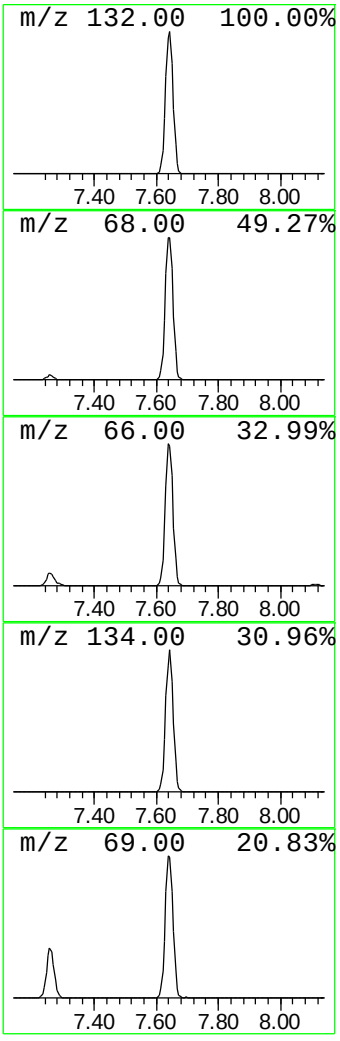
Peak Number 2 unknown7.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	94.88 ng	972423	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019958.D
Acq On : 6 Dec 2015 1:23
Operator : UM/NP
Sample : G4630-17
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-28

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

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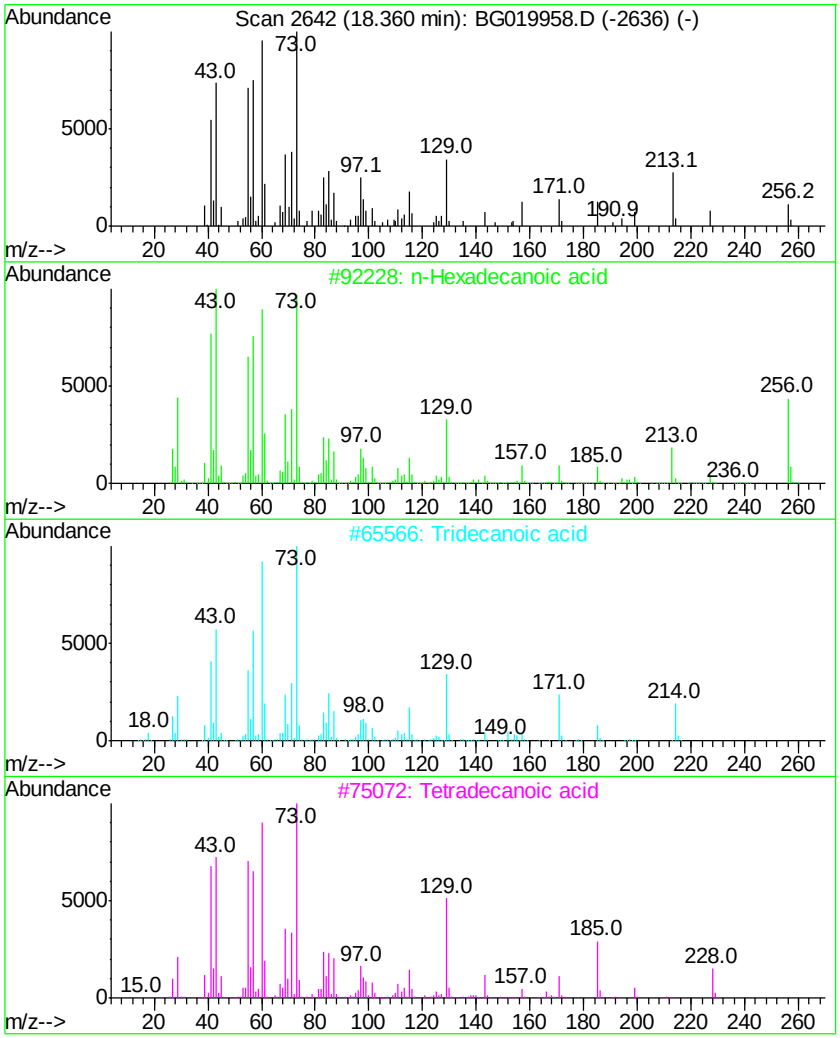
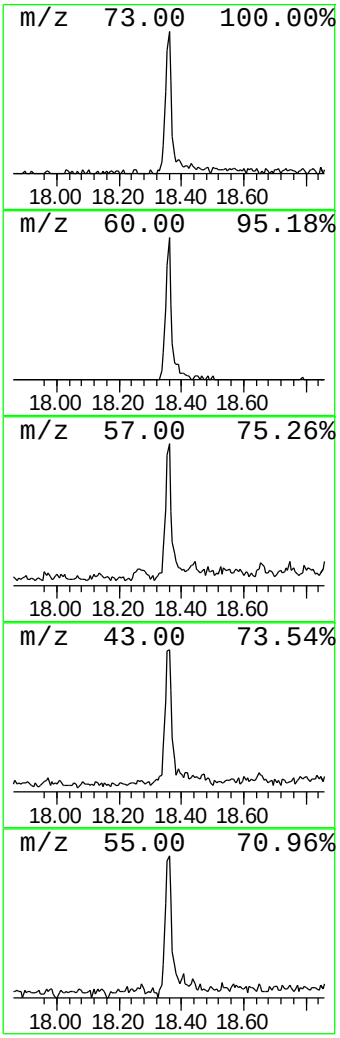
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	4.10 ng	124333	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	25
5	Dodecane	170	C12H26	000112-40-3	11





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019958.D
Acq On : 6 Dec 2015 1:23
Operator : UM/NP
Sample : G4630-17
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-28

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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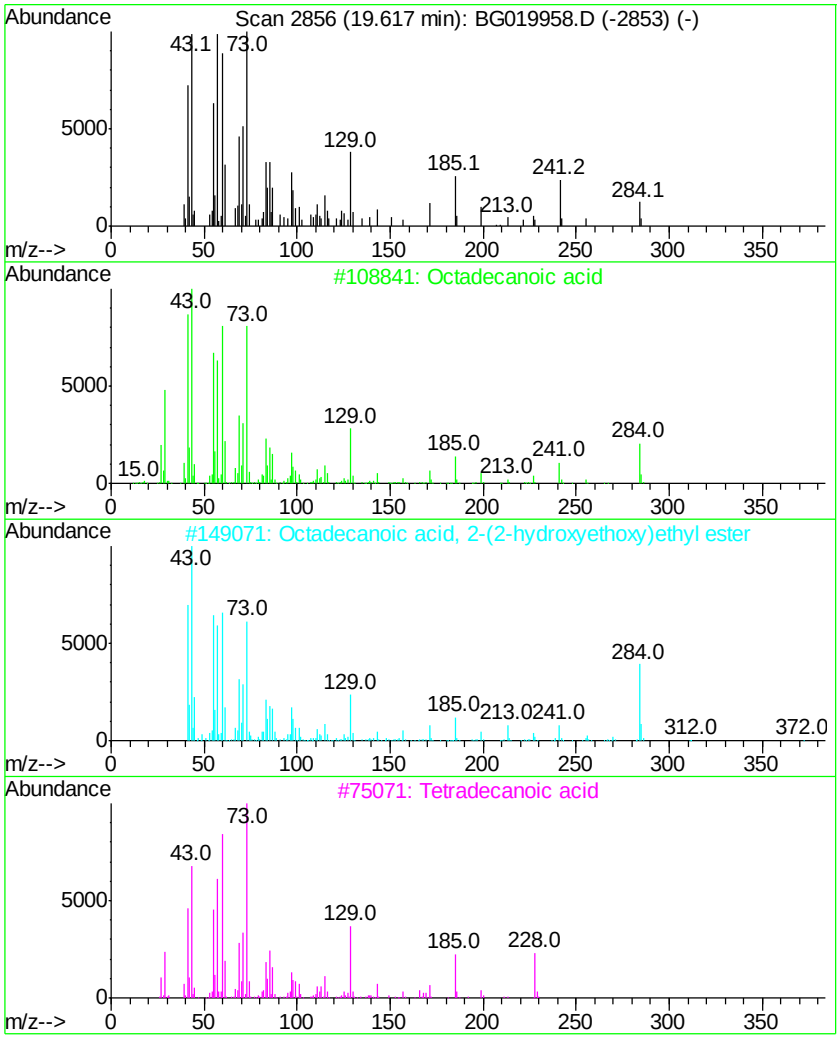
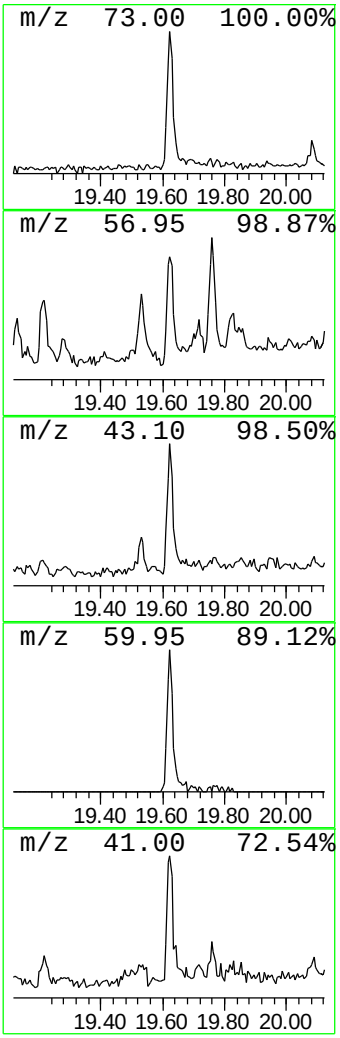
Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	2.47 ng	99210	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	30
5	Hexanoic acid	116	C6H12O2	000142-62-1	22





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Operator : UM/NP
Sample : G4630-17
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-28

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

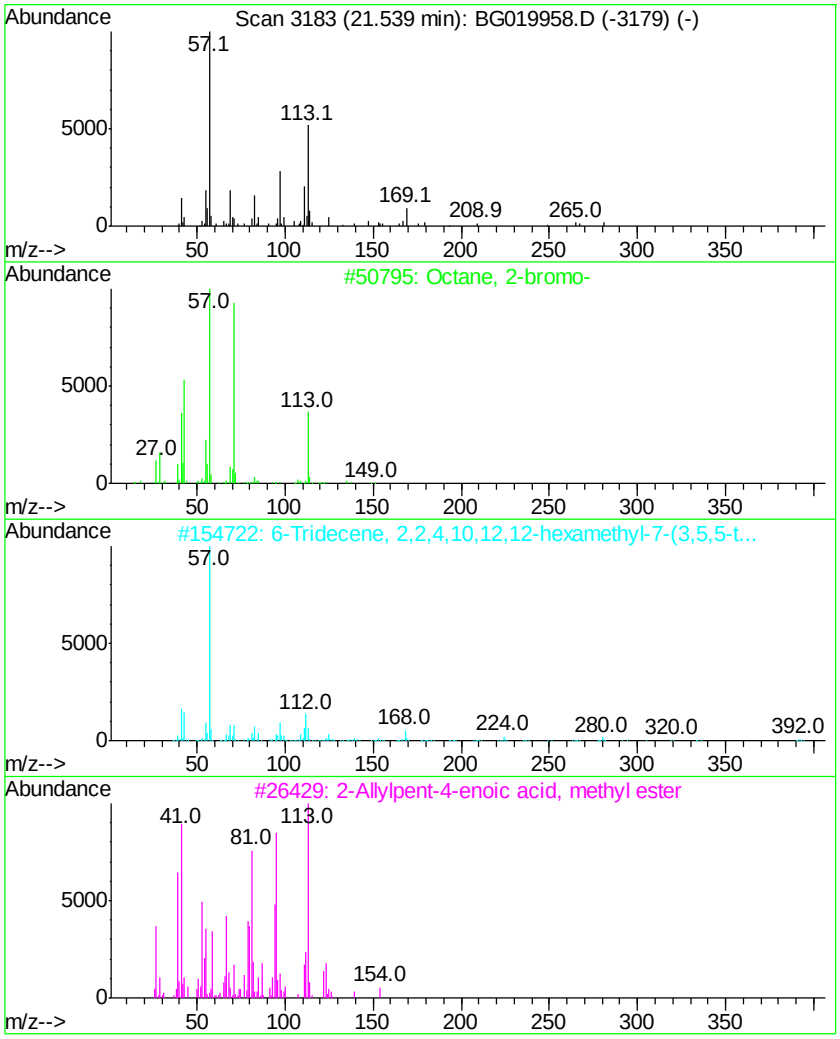
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

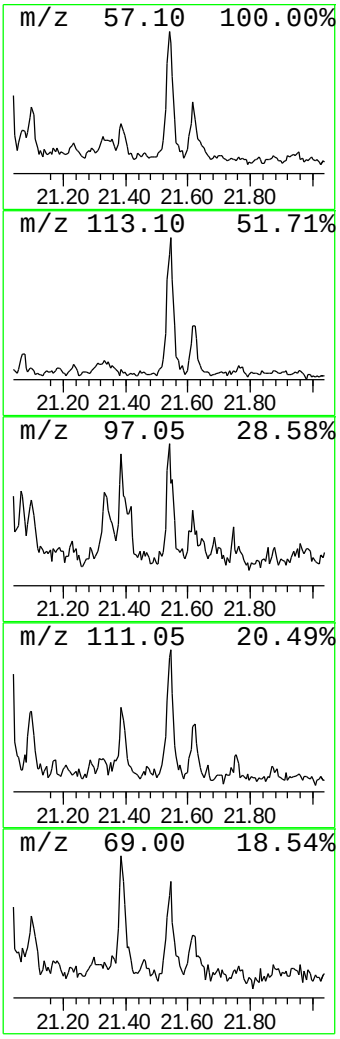
****

Peak Number 6 unknown21.54 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	2.04 ng	81881	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-bromo-	192	C8H17Br	000557-35-7	38
2	6-Tridecene, 2,2,4,10,12,12-hexa...	392	C28H56	055255-73-7	12
3	2-Allylpent-4-enoic acid, methyl...	154	C9H14O2	054385-33-0	11
4	Acetamide, N-(4-fluorophenyl)-2-...	251	C13H18FN3O	1000267-87-7	10
5	Heptanoic acid, 3-nitrophenyl ester	251	C13H17NO4	056052-18-7	10





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
2-Hexanol, 2-methyl-	5.19	7.1	ng	72770	1	8.11	204989	20.0
unknown7.64	7.64	94.9	ng	972423	1	8.11	204989	20.0
n-Hexadecanoic acid	18.36	4.1	ng	124333	4	17.48	605827	20.0
Octadecanoic acid	19.62	2.5	ng	99210	5	21.76	803223	20.0
unknown21.54	21.54	2.0	ng	81881	5	21.76	803223	20.0