LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
Data File : BG019991.D
Acq On : 7 Dec 2015 21:32
Operator : UM/NP
Sample : G4676-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7

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	5.188	395	400	406	rBV	28136	42816	2.37%	0.552%
2	5.658	473	480	489	rVB	188827	295198	16.31%	3.808%
3	7.256	745	752	761	rVB	130211	220846	12.20%	2.849%
4	7.638	810	817	827	rBV	320795	545866	30.16%	7.042%
5	8.114	888	898	904	rBV	63159	102110	5.64%	1.317%
6	8.437	946	953	963	rVB	263678	446238	24.66%	5.757%
7	9.283	1089	1097	1107	rBV	240353	428094	23.65%	5.523%
8	10.928	1370	1377	1385	rBV	90667	159575	8.82%	2.059%
9	13.366	1785	1792	1800	rBV	715404	1082080	59.79%	13.960%
10	14.741	2019	2026	2034	rBV2	156001	245075	13.54%	3.162%
11	16.222	2269	2278	2289	rBV	597248	926110	51.17%	11.948%
12	17.485	2485	2493	2499	rBV	211004	318161	17.58%	4.105%
13	18.355	2635	2641	2647	rBV2	27640	36893	2.04%	0.476%
14	19.624	2852	2857	2862	rBV2	29235	41314	2.28%	0.533%
15	20.088	2929	2936	2941	rBV	1343535	1809747	100.00%	23.348%
16	20.282	2963	2969	2974	rBV	15759	23946	1.32%	0.309%
17	20.764	3047	3051	3057	rVB2	28763	39926	2.21%	0.515%
18	20.834	3059	3063	3071	rVB7	12699	27583	1.52%	0.356%
19	20.975	3083	3087	3092	rBV	15477	25741	1.42%	0.332%
20	21.028	3092	3096	3100	rVV2	35965	45273	2.50%	0.584%
21	21.093	3104	3107	3112	rVB3	14241	20110	1.11%	0.259%
22	21.539	3179	3183	3190	rVB	26800	37631	2.08%	0.485%
23	21.756	3213	3220	3231	rVB	252507	419658	23.19%	5.414%
24	22.085	3271	3276	3282	rVB3	12921	22326	1.23%	0.288%
25	23.061	3438	3442	3448	rVB3	10944	19809	1.09%	0.256%
26	25.035	3767	3778	3791	rBV2	128322	369036	20.39%	4.761%

Sum of corrected areas: 7751162

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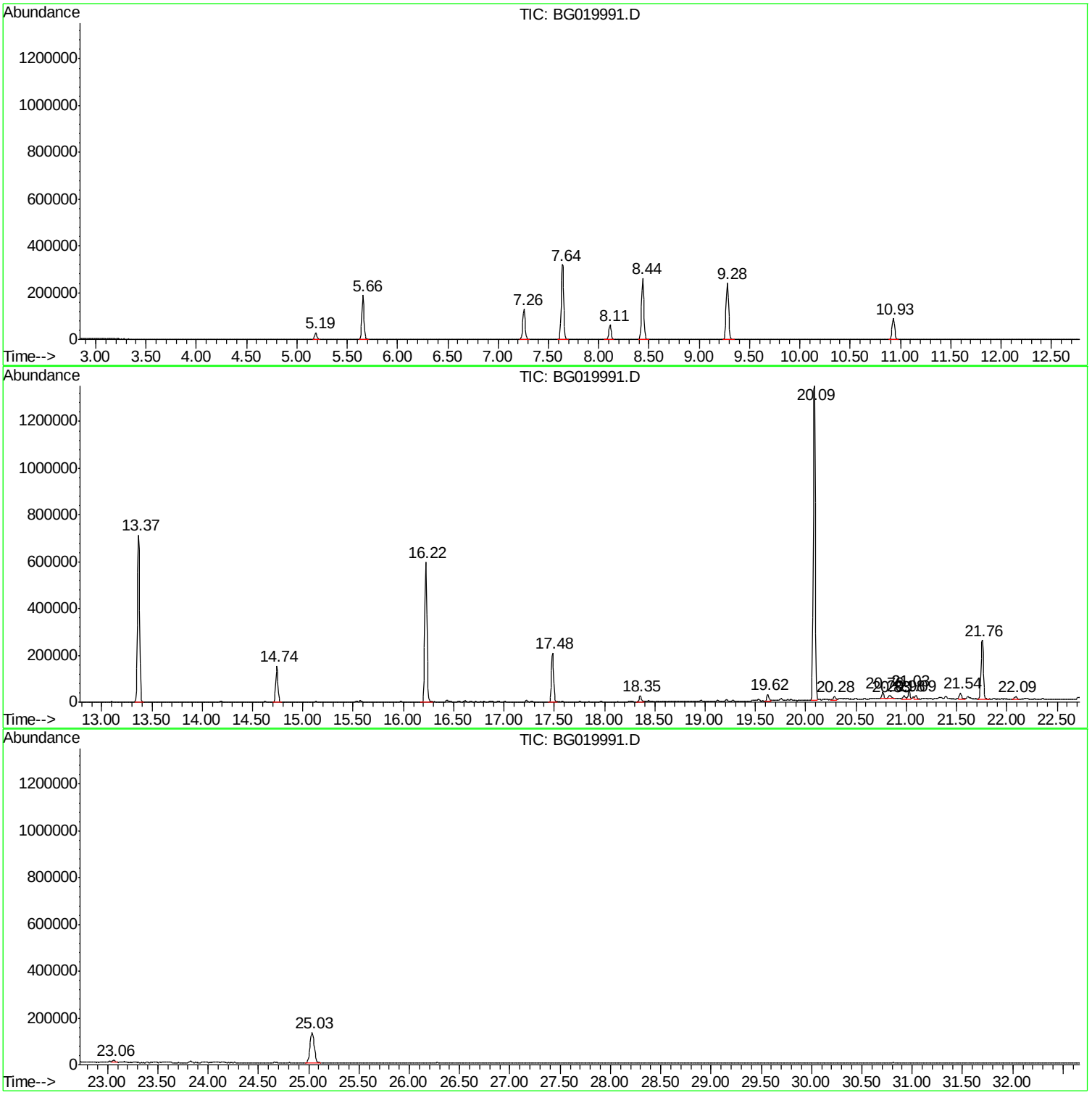
Instrument :
BNA_G
ClientSampleId :
MW-7

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\BG120715\
Data File : BG019991.D
Acq On : 7 Dec 2015 21:32
Operator : UM/NP
Sample : G4676-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7

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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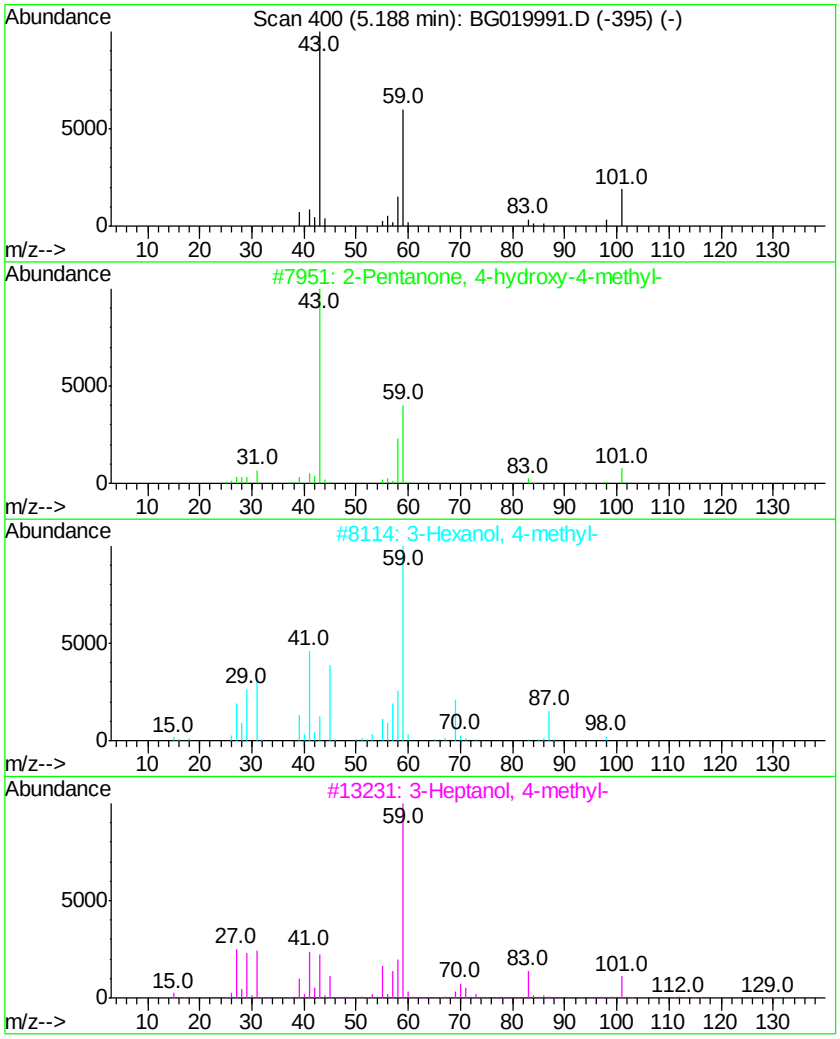
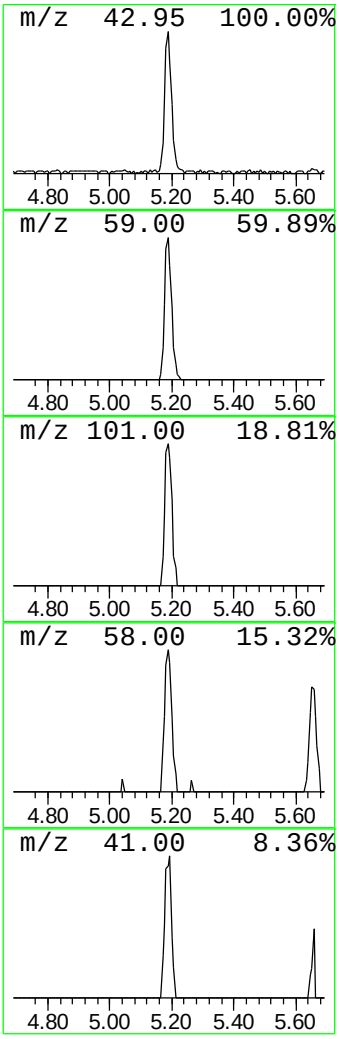
Peak Number 1 unknown5.19 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	8.39 ng	42816	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	45
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	3-Heptanol	116	C7H16O	000589-82-2	25





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Data File : BG019991.D
Acq On : 7 Dec 2015 21:32
Operator : UM/NP
Sample : G4676-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7

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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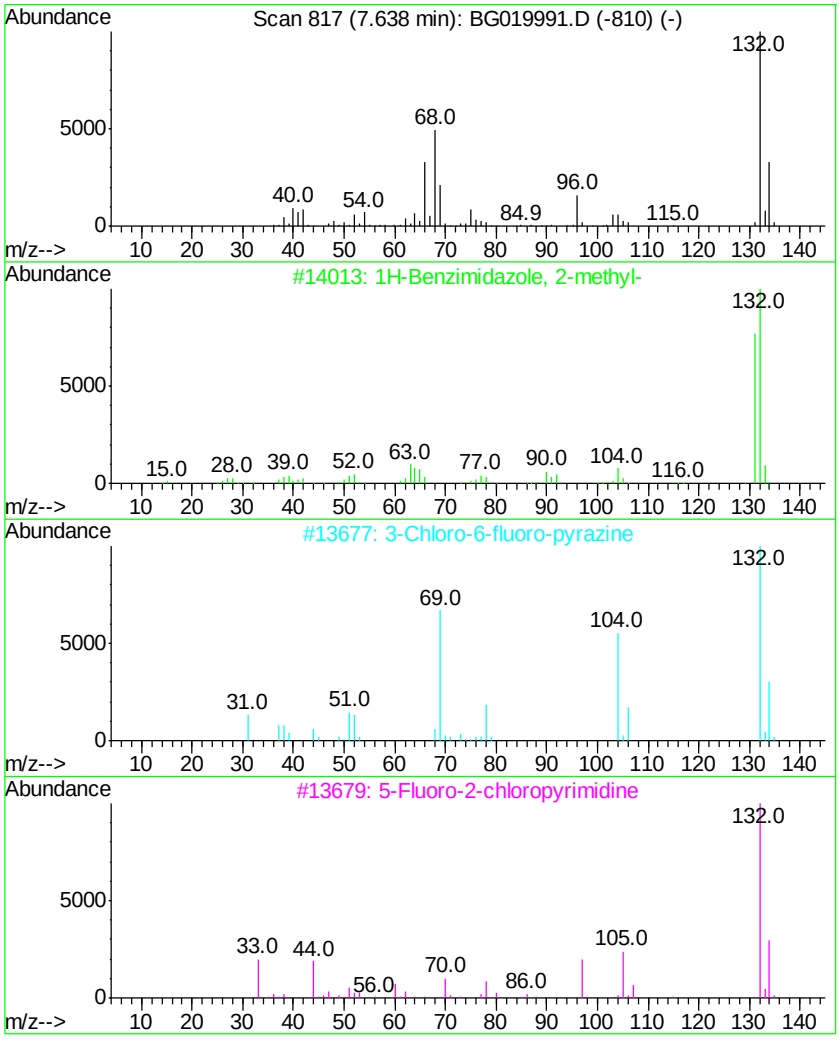
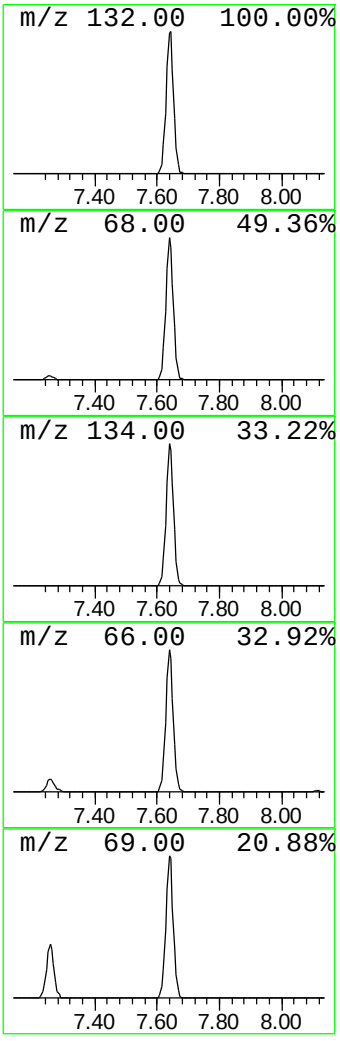
Peak Number 2 unknown7.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	106.92 ng	545866	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-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
Data File : BG019991.D
Acq On : 7 Dec 2015 21:32
Operator : UM/NP
Sample : G4676-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7

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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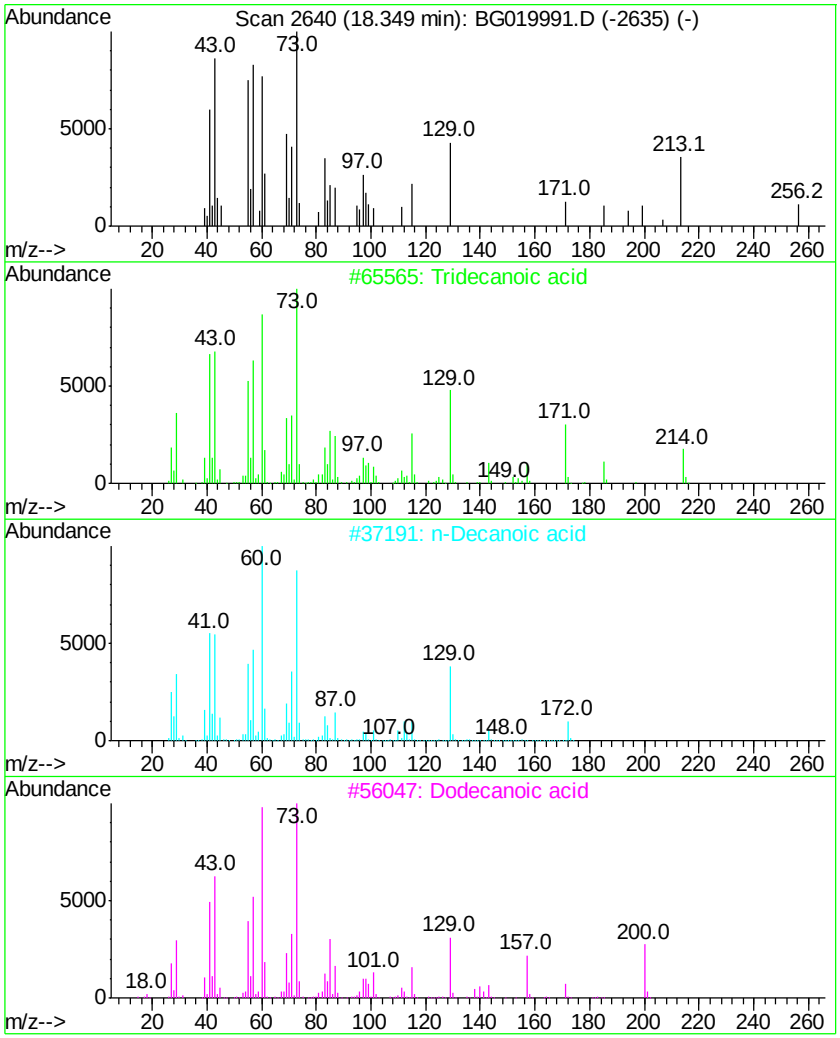
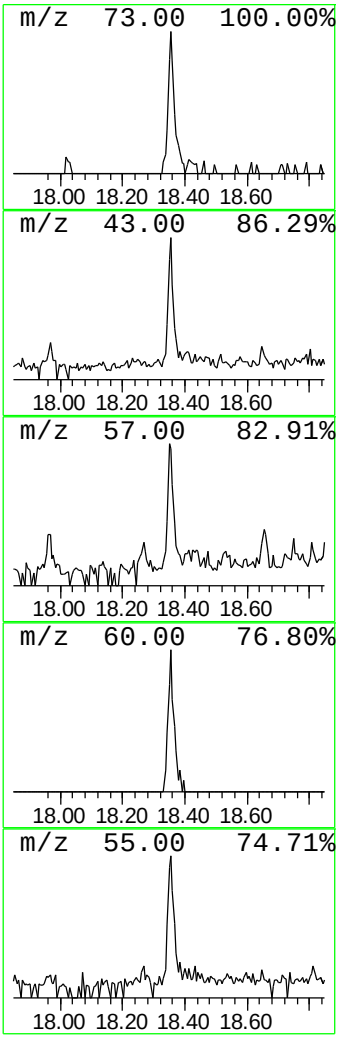
Peak Number 4 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	2.32 ng	36893	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	64
2	n-Decanoic acid	172	C10H20O2	000334-48-5	53
3	Dodecanoic acid	200	C12H24O2	000143-07-7	47
4	Sedoheptulosan	192	C7H12O6	000469-90-9	22
5	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	11





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Acq On : 7 Dec 2015 21:32
Operator : UM/NP
Sample : G4676-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7

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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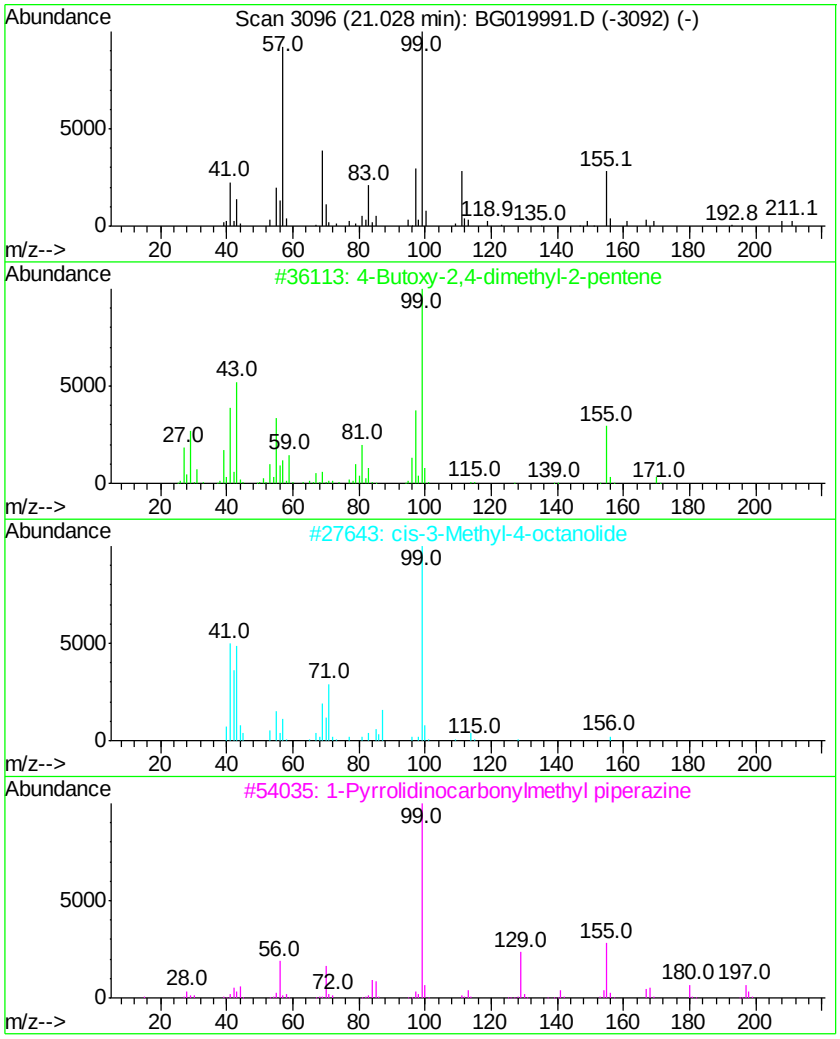
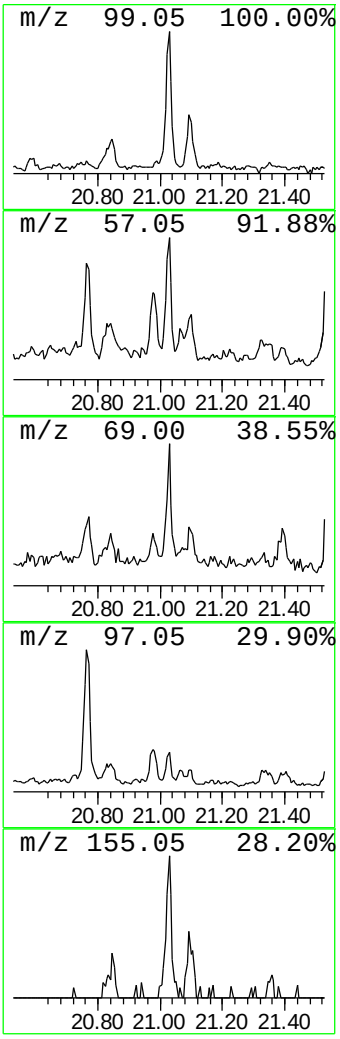
Peak Number 5 unknown21.03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	2.16 ng	45273	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Butoxy-2,4-dimethyl-2-pentene	170	C11H22O	1000159-08-7	40
2	cis-3-Methyl-4-octanolide	156	C9H16O2	039638-67-0	38
3	1-Pyrrolidinocarbonylmethyl pipe...	197	C10H19N3O	039890-45-4	37
4	1,4-Dioxaspiro[4.5]decan-8-one	156	C8H12O3	004746-97-8	35
5	3,5-Heptanedione	128	C7H12O2	007424-54-6	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120715\
Data File : BG019991.D
Acq On : 7 Dec 2015 21:32
Operator : UM/NP
Sample : G4676-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7

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
unknown5.19	5.19	8.4	ng	42816	1	8.11	102110	20.0
unknown7.64	7.64	106.9	ng	545866	1	8.11	102110	20.0
Tridecanoic acid	18.35	2.3	ng	36893	4	17.48	318161	20.0
unknown21.03	21.03	2.2	ng	45273	5	21.76	419658	20.0