LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019955.D
Acq On : 5 Dec 2015 23:27
Operator : UM/NP
Sample : G4630-14
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-27

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	408	rVB	39508	58925	2.01%	0.456%
2	5.658	472	480	490	rBV	269660	427814	14.60%	3.313%
3	7.256	745	752	760	rBV	186027	313278	10.69%	2.426%
4	7.638	810	817	828	rVB	481764	830246	28.34%	6.429%
5	8.114	891	898	905	rVB	115073	192181	6.56%	1.488%
6	8.437	946	953	964	rVB	427129	736880	25.15%	5.706%
7	9.283	1086	1097	1107	rBV	381450	669836	22.86%	5.187%
8	10.928	1370	1377	1385	rBV	161973	289634	9.89%	2.243%
9	13.366	1784	1792	1804	rBV	1118211	1751815	59.80%	13.565%
10	14.741	2020	2026	2034	rVB2	285810	456363	15.58%	3.534%
11	16.222	2270	2278	2290	rBV	962536	1498413	51.15%	11.603%
12	17.485	2486	2493	2502	rBV2	385689	595187	20.32%	4.609%
13	18.355	2637	2641	2649	rBV2	41711	61922	2.11%	0.479%
14	19.624	2853	2857	2866	rBV2	44340	68696	2.34%	0.532%
15	19.759	2876	2880	2886	rVB	19595	29886	1.02%	0.231%
16	20.088	2929	2936	2942	rBV	2169425	2929591	100.00%	22.685%
17	20.288	2965	2970	2974	rBV	26928	37466	1.28%	0.290%
18	20.769	3048	3052	3057	rVB	49278	67172	2.29%	0.520%
19	20.840	3058	3064	3070	rVB5	26367	57098	1.95%	0.442%
20	20.981	3085	3088	3093	rBV2	33506	49358	1.68%	0.382%
21	21.028	3093	3096	3100	rVB	59807	72918	2.49%	0.565%
22	21.099	3105	3108	3113	rVB	28139	37088	1.27%	0.287%
23	21.398	3155	3159	3166	rVB7	16775	31614	1.08%	0.245%
24	21.545	3176	3184	3189	rBV	47095	85131	2.91%	0.659%
25	21.616	3193	3196	3206	rVB4	22958	48656	1.66%	0.377%
26	21.757	3213	3220	3227	rVB	463484	776491	26.51%	6.013%
27	22.091	3273	3277	3284	rVB2	20871	39918	1.36%	0.309%
28	25.035	3768	3778	3789	rBV2	247958	700883	23.92%	5.427%

Sum of corrected areas: 12914460

LSC Report - Integrated Chromatogram

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Data File : BG019955.D
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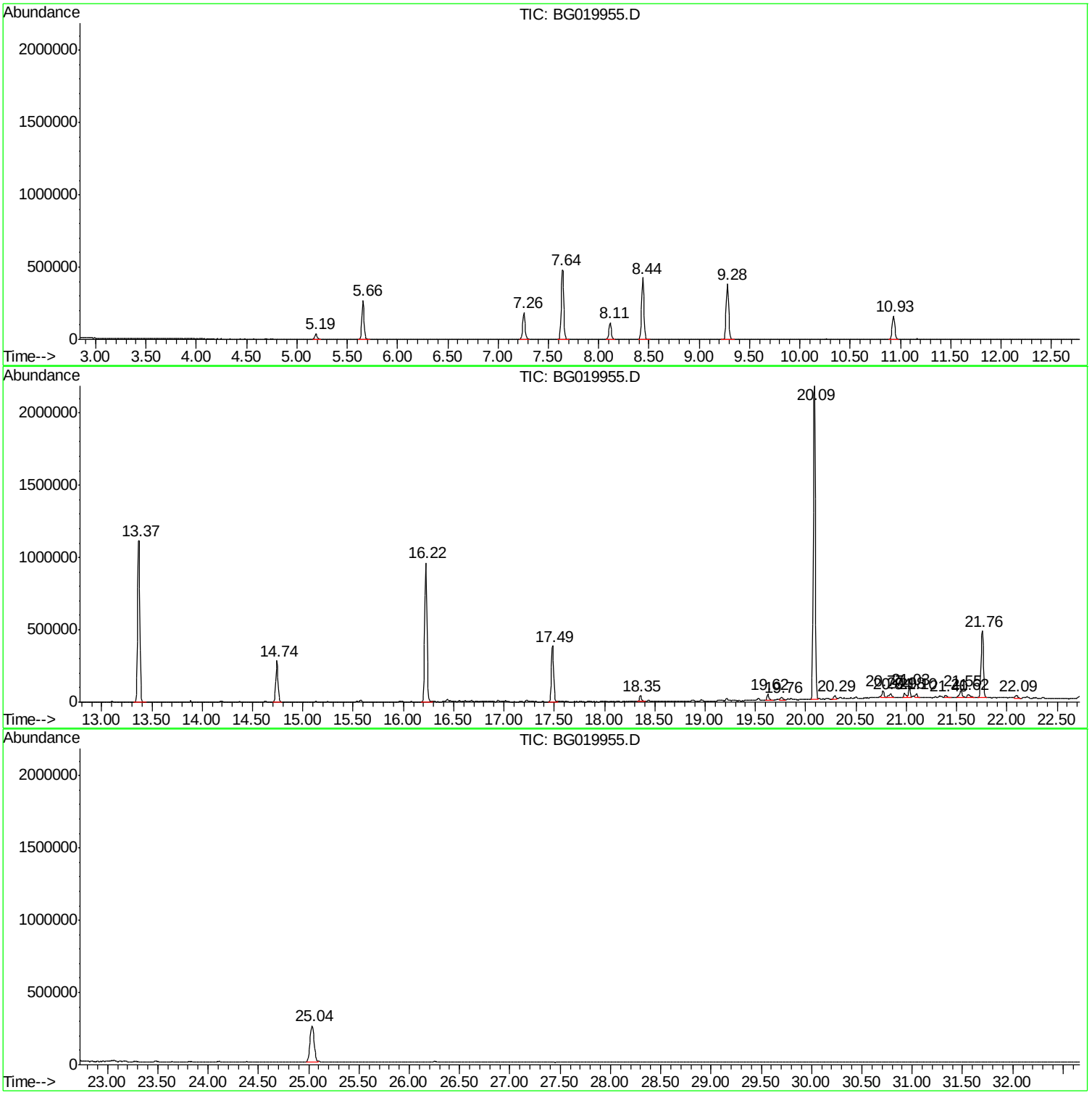
Operator : UM/NP
Sample : G4630-14
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-27

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 : BG019955.D
Acq On : 5 Dec 2015 23:27
Operator : UM/NP
Sample : G4630-14
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-27

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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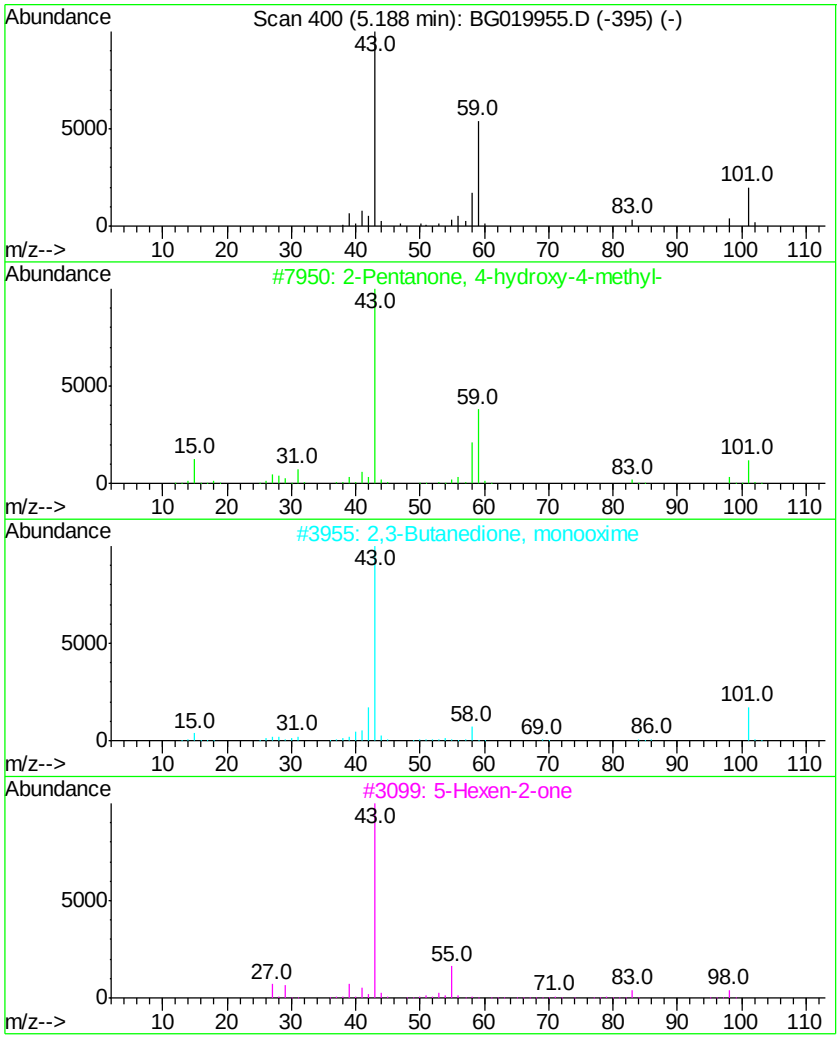
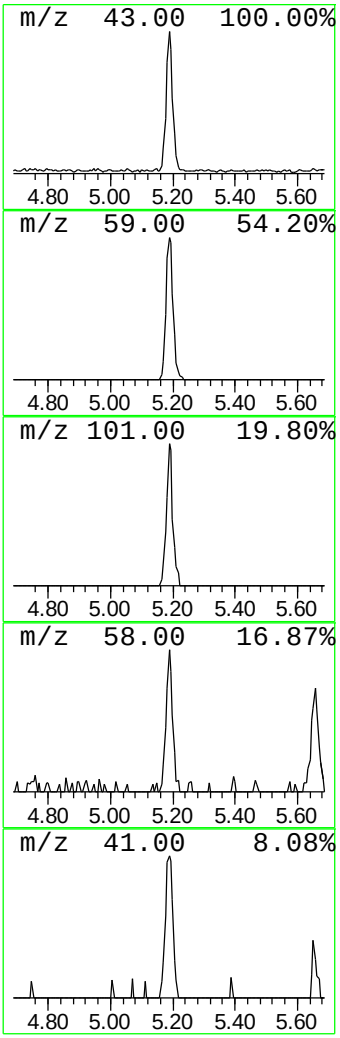
Peak Number 1 unknown5.19 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	6.13 ng	58925	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	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019955.D
Acq On : 5 Dec 2015 23:27
Operator : UM/NP
Sample : G4630-14
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-27

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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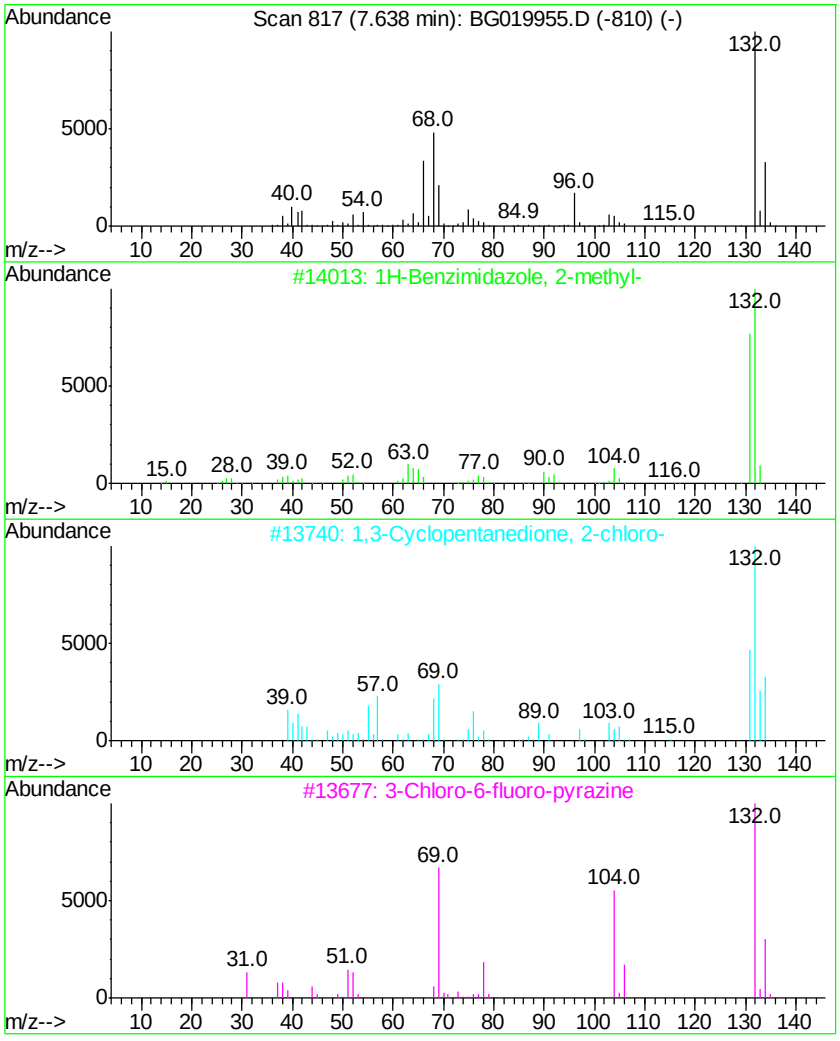
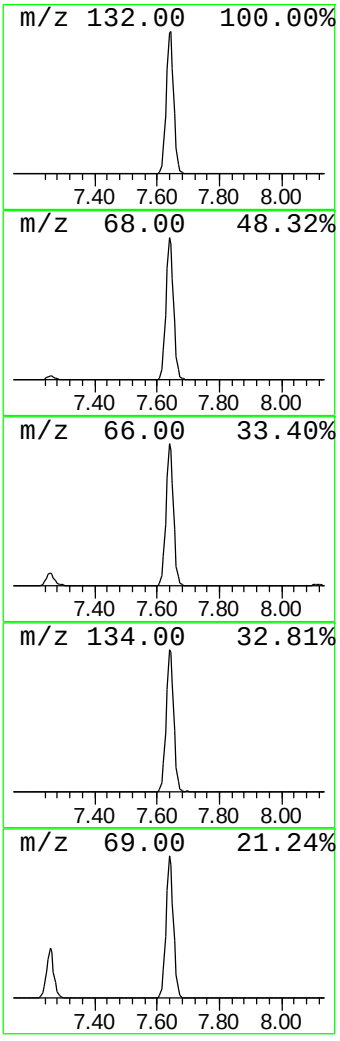
Peak Number 2 unknown7.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	86.40 ng	830246	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	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019955.D
Acq On : 5 Dec 2015 23:27
Operator : UM/NP
Sample : G4630-14
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-27

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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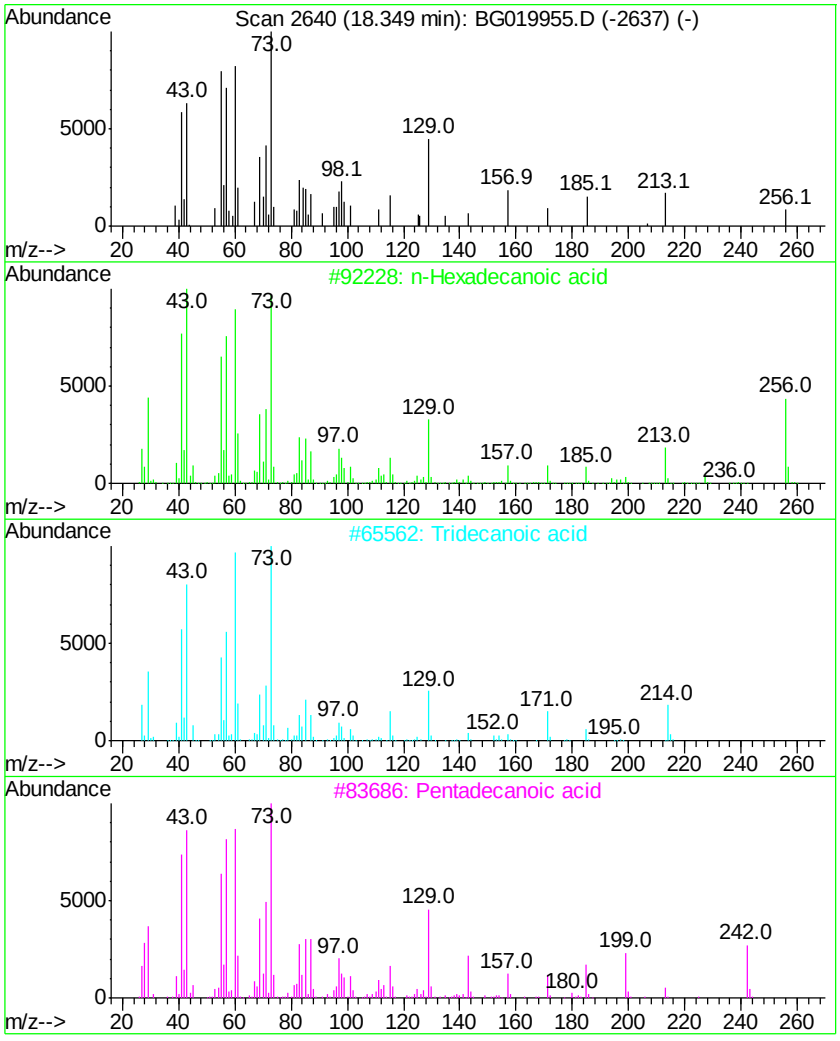
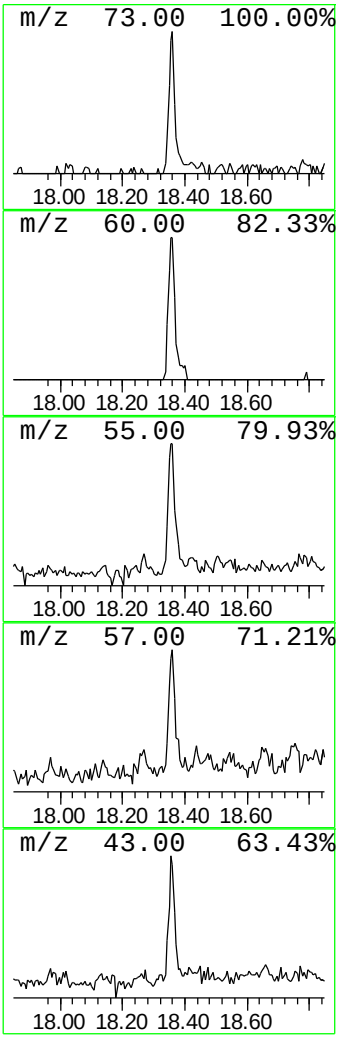
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	2.08 ng	61922	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	81
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019955.D
Acq On : 5 Dec 2015 23:27
Operator : UM/NP
Sample : G4630-14
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-27

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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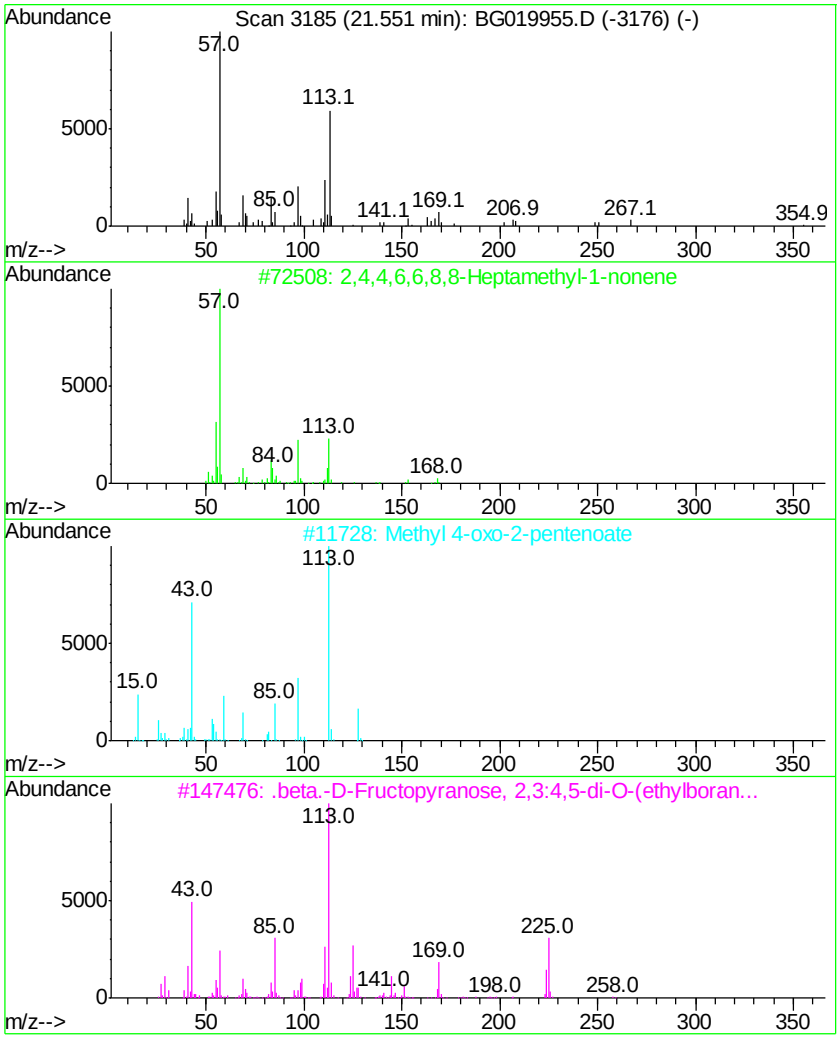
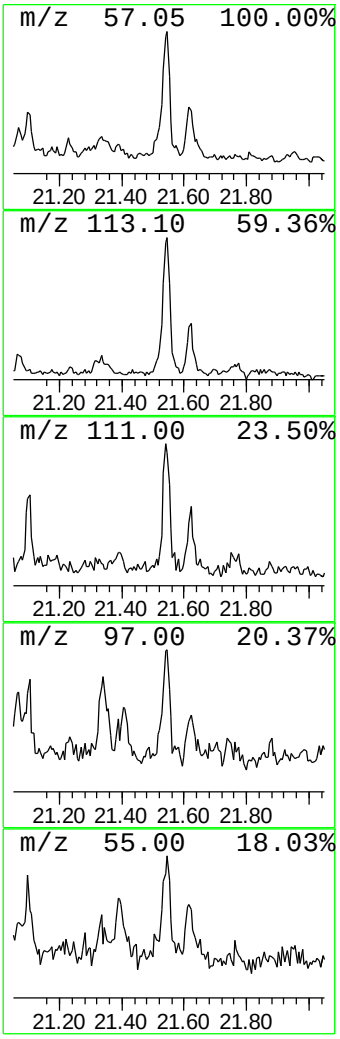
Peak Number 5 unknown21.55 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.55	2.19 ng	85131	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	23
2	Methyl 4-oxo-2-pentenoate	128	C6H8O3	004188-88-9	17
3	.beta.-D-Fructopyranose, 2,3:4,5...	368	C17H30B2O7	1000156-76-8	17
4	2,5-Pyrrolidinedione, 1-methyl-	113	C5H7NO2	001121-07-9	12
5	Phosphonofluoridic acid, ethyl-,...	238	C11H24FO2P	171741-07-4	12





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120515\
Data File : BG019955.D
Acq On : 5 Dec 2015 23:27
Operator : UM/NP
Sample : G4630-14
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-27

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	6.1	ng	58925	1	8.11	192181	20.0
unknown7.64	7.64	86.4	ng	830246	1	8.11	192181	20.0
n-Hexadecanoic acid	18.35	2.1	ng	61922	4	17.49	595187	20.0
unknown21.55	21.55	2.2	ng	85131	5	21.76	776491	20.0