LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
Data File : BG020006.D
Acq On : 8 Dec 2015 7:13
Operator : UM/NP
Sample : G4676-18
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-8

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	395	400	406	rBV	22047	33057	1.77%	0.420%
2	5.657	474	480	490	rBV	157145	248558	13.30%	3.155%
3	7.255	746	752	761	rBV	113934	194324	10.40%	2.467%
4	7.643	810	818	826	rBV	298344	510727	27.32%	6.484%
5	7.754	832	837	845	rVB2	11148	19613	1.05%	0.249%
6	8.113	890	898	904	rBV	70757	116540	6.23%	1.479%
7	8.436	946	953	962	rVB	256514	441318	23.61%	5.602%
8	9.282	1089	1097	1106	rBV	244127	432672	23.15%	5.493%
9	10.422	1284	1291	1296	rBV2	14662	25338	1.36%	0.322%
10	10.927	1370	1377	1384	rBV	99795	176633	9.45%	2.242%
11	12.790	1684	1694	1701	rBV3	21387	45169	2.42%	0.573%
12	13.365	1785	1792	1802	rBV	756830	1159189	62.01%	14.716%
13	14.182	1925	1931	1938	rBV	14814	24867	1.33%	0.316%
14	14.740	2019	2026	2033	rBV2	171271	272812	14.59%	3.463%
15	14.805	2033	2037	2045	rVB2	18544	27741	1.48%	0.352%
16	16.221	2270	2278	2286	rBV	628067	950657	50.86%	12.068%
17	17.484	2486	2493	2498	rBV2	217582	335259	17.94%	4.256%
18	18.354	2636	2641	2651	rBV2	36493	52215	2.79%	0.663%
19	19.623	2851	2857	2862	rBV	43777	62614	3.35%	0.795%
20	20.081	2929	2935	2943	rBV	1330673	1869294	100.00%	23.730%
21	21.385	3153	3157	3164	rVB7	11039	20000	1.07%	0.254%
22	21.756	3213	3220	3228	rBV	261042	437521	23.41%	5.554%
23	23.812	3562	3570	3579	rBV9	10045	30617	1.64%	0.389%
24	25.034	3767	3778	3788	rBV2	136302	390575	20.89%	4.958%

Sum of corrected areas: 7877310

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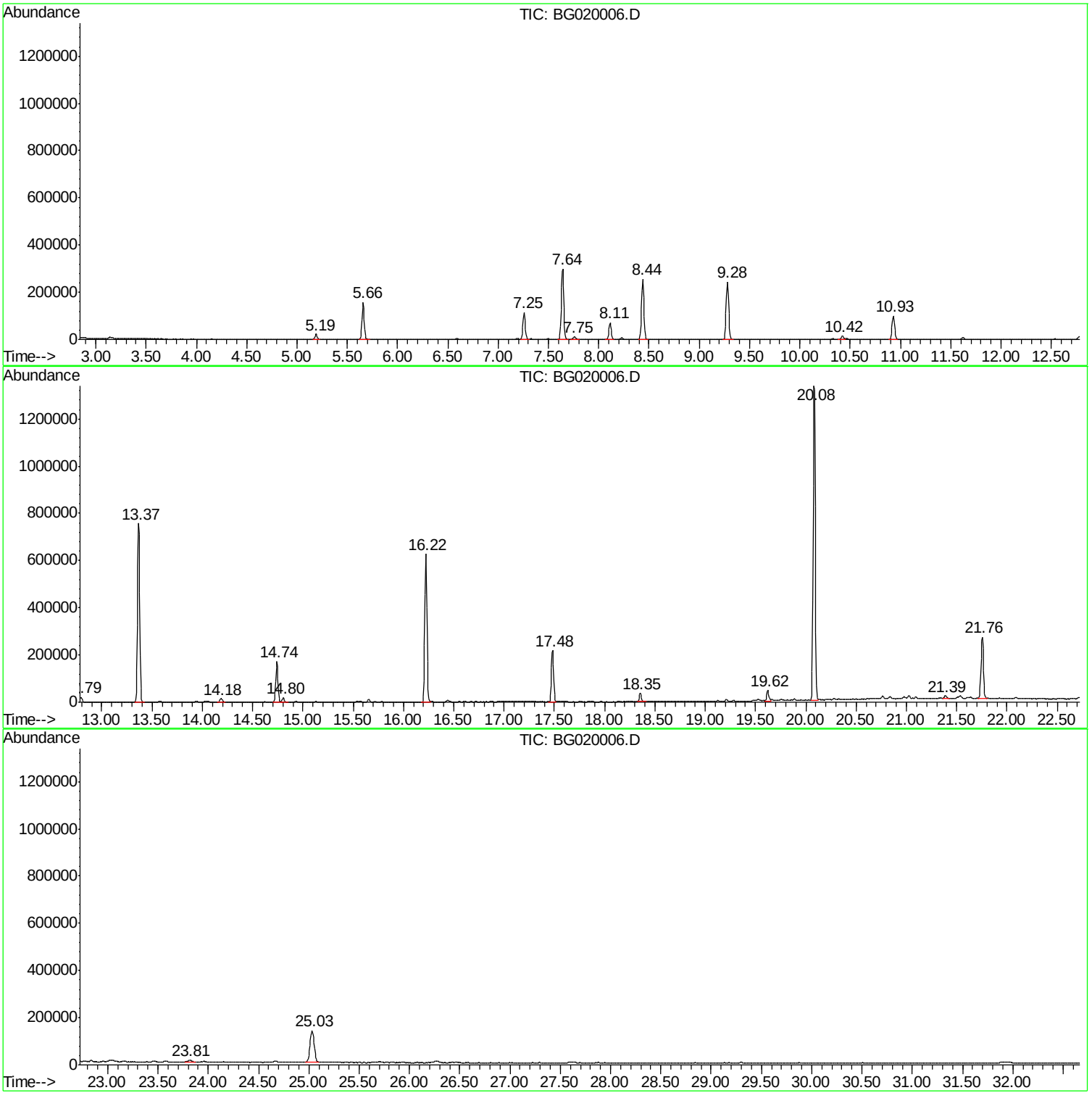
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-8

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\BG120715\
Data File : BG020006.D
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Operator : UM/NP
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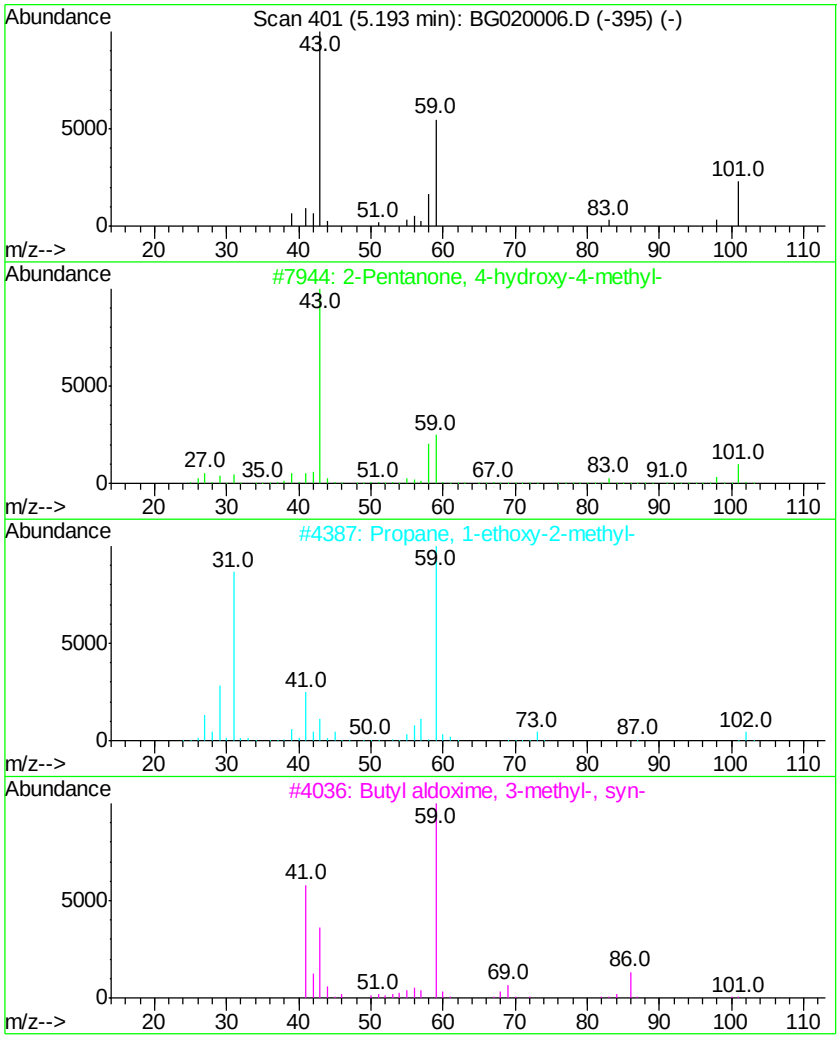
TIC Integration Parameters: LSCINT.P

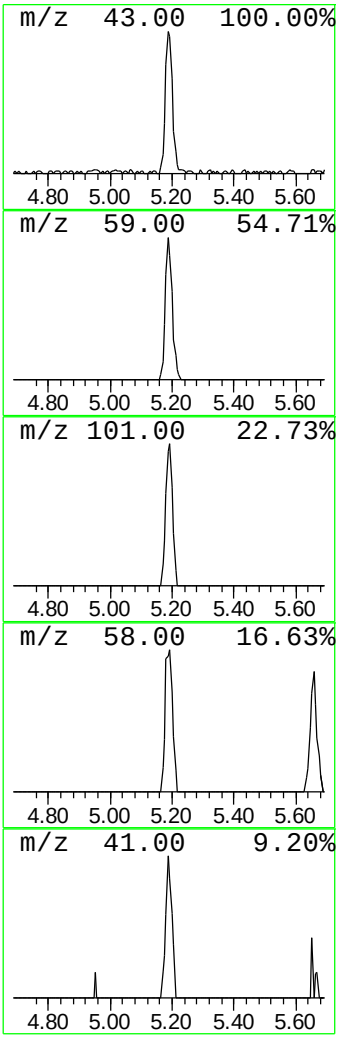
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	5.67 ng	33057	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	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

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Data File : BG020006.D
Acq On : 8 Dec 2015 7:13
Operator : UM/NP
Sample : G4676-18
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-8

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

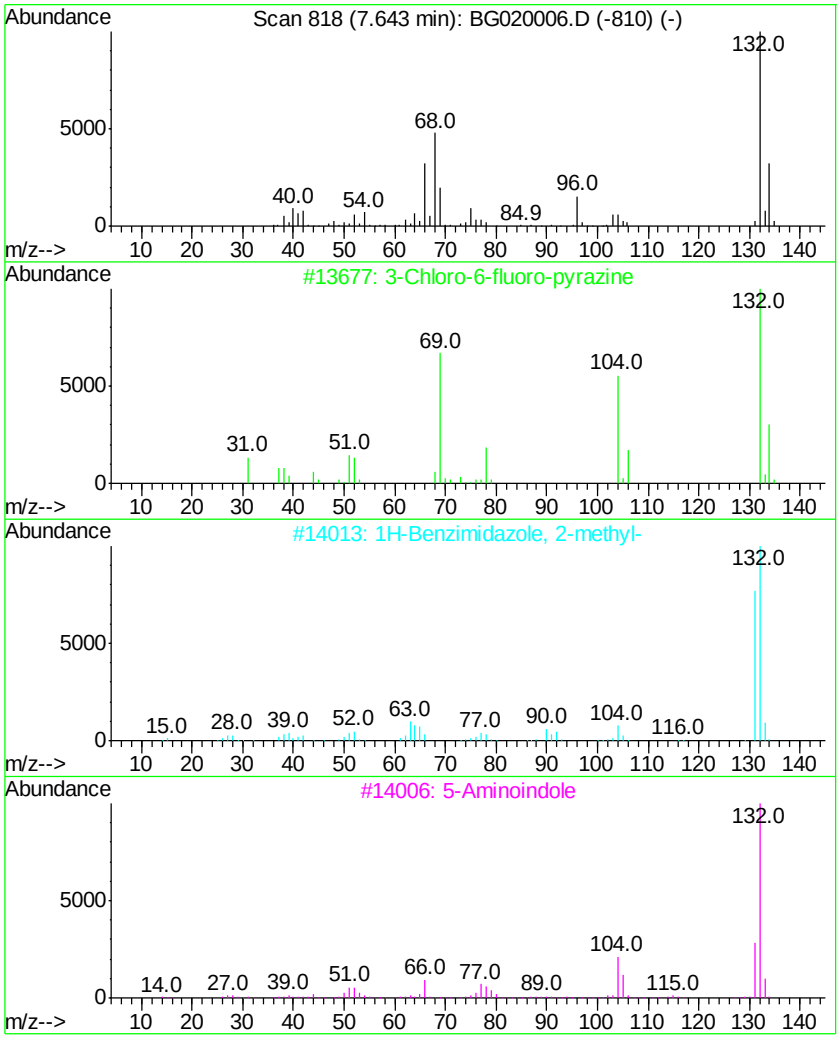
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

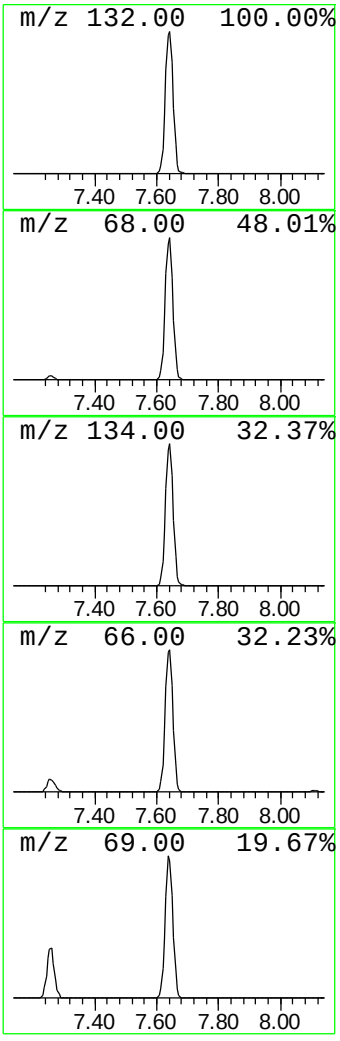
****

Peak Number 2 unknown7.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	87.65 ng	510727	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	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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Data File : BG020006.D
Acq On : 8 Dec 2015 7:13
Operator : UM/NP
Sample : G4676-18
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-8

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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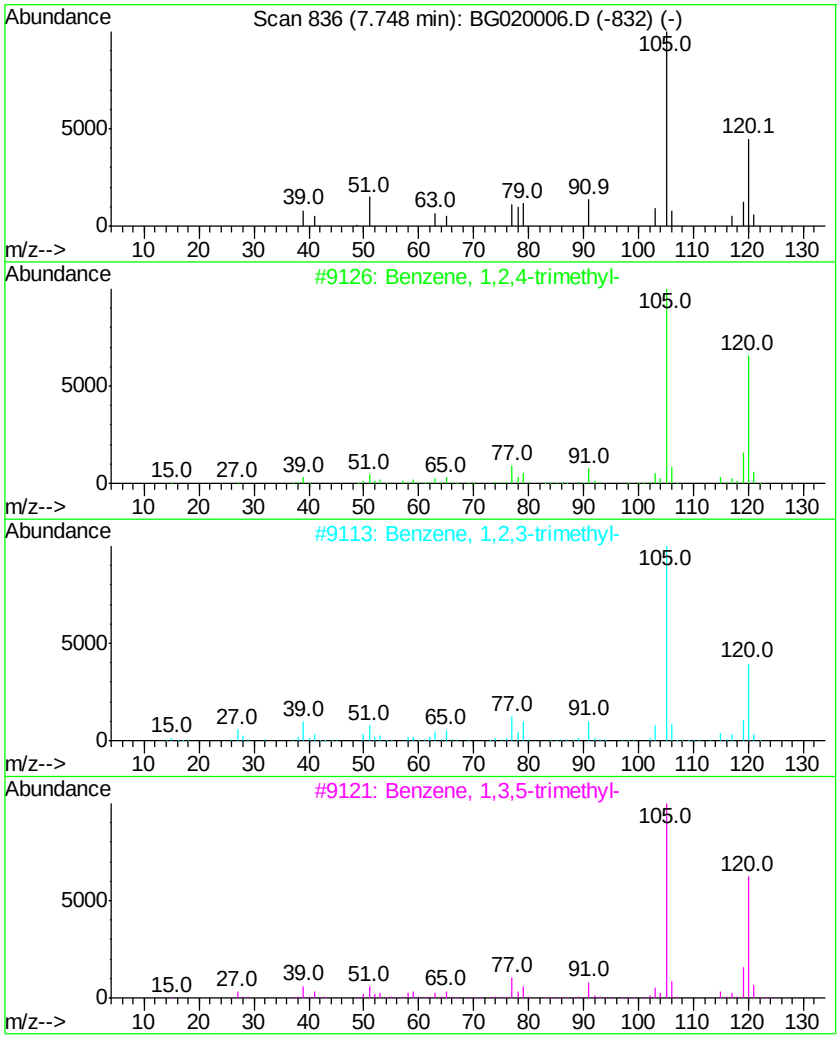
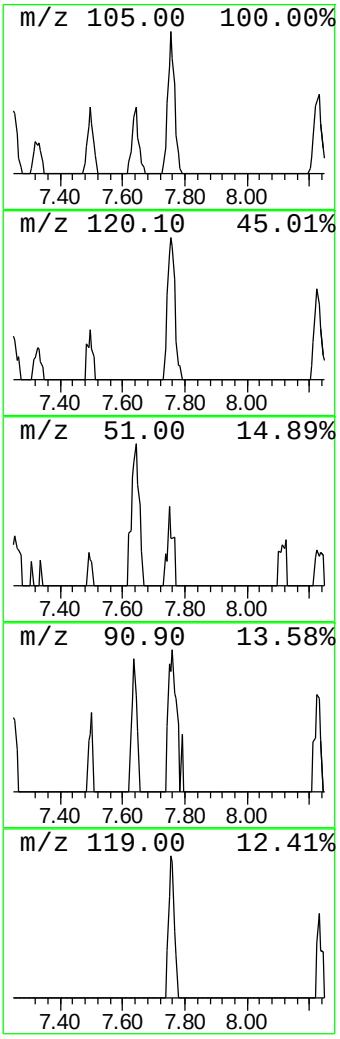
****

Peak Number 3 Benzene, 1,2,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	3.37 ng	19613	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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Data File : BG020006.D
Acq On : 8 Dec 2015 7:13
Operator : UM/NP
Sample : G4676-18
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
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TIC Integration Parameters: LSCINT.P

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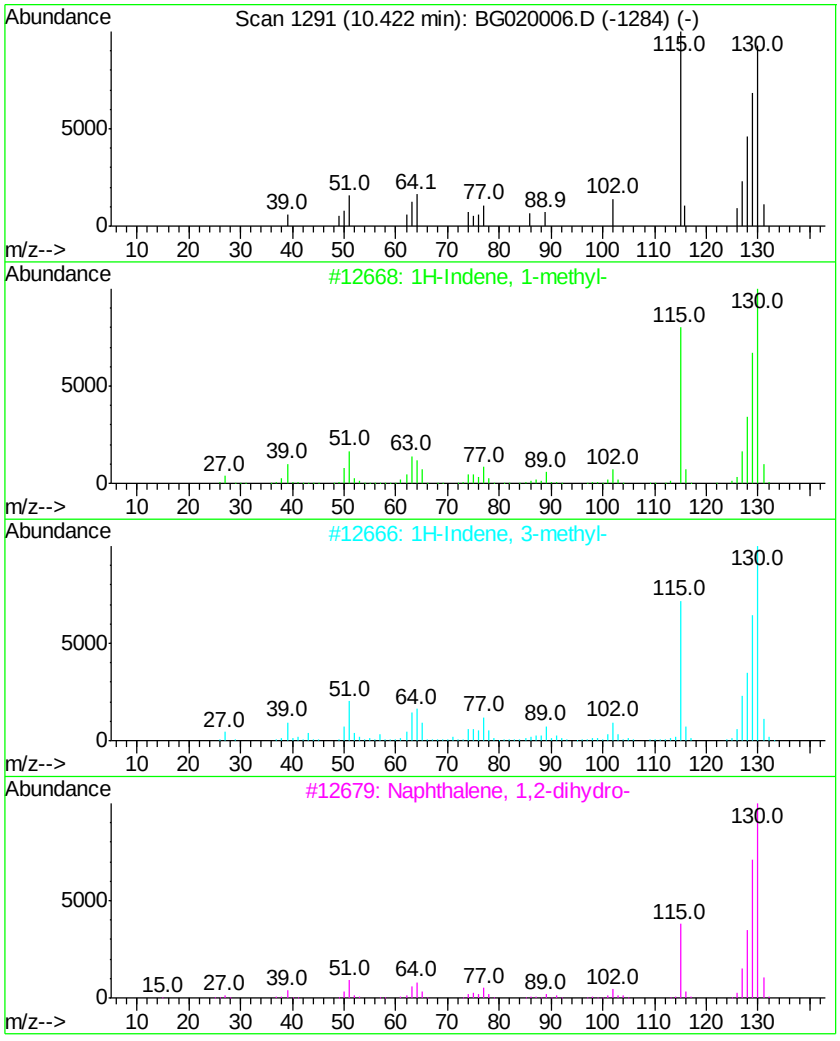
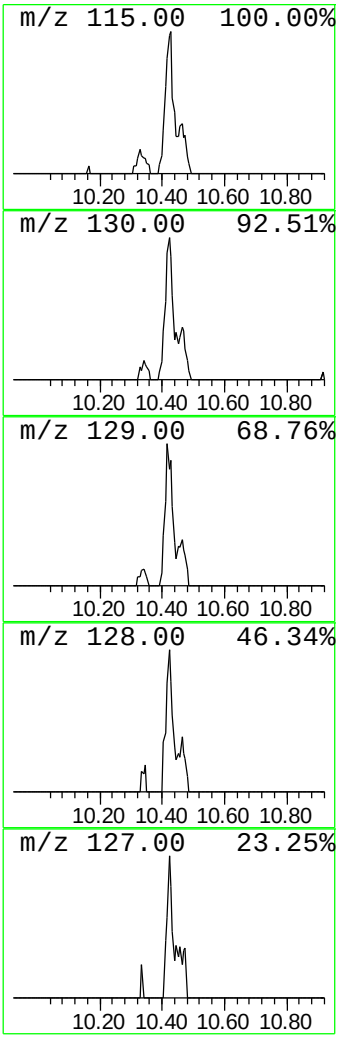
Peak Number 5 1H-Indene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	2.87 ng	25338	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
2	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	91
3	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	87
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	81
5	2-Methylindene	130	C10H10	002177-47-1	81





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Instrument : BNA_G
ClientSampleId : MW-8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
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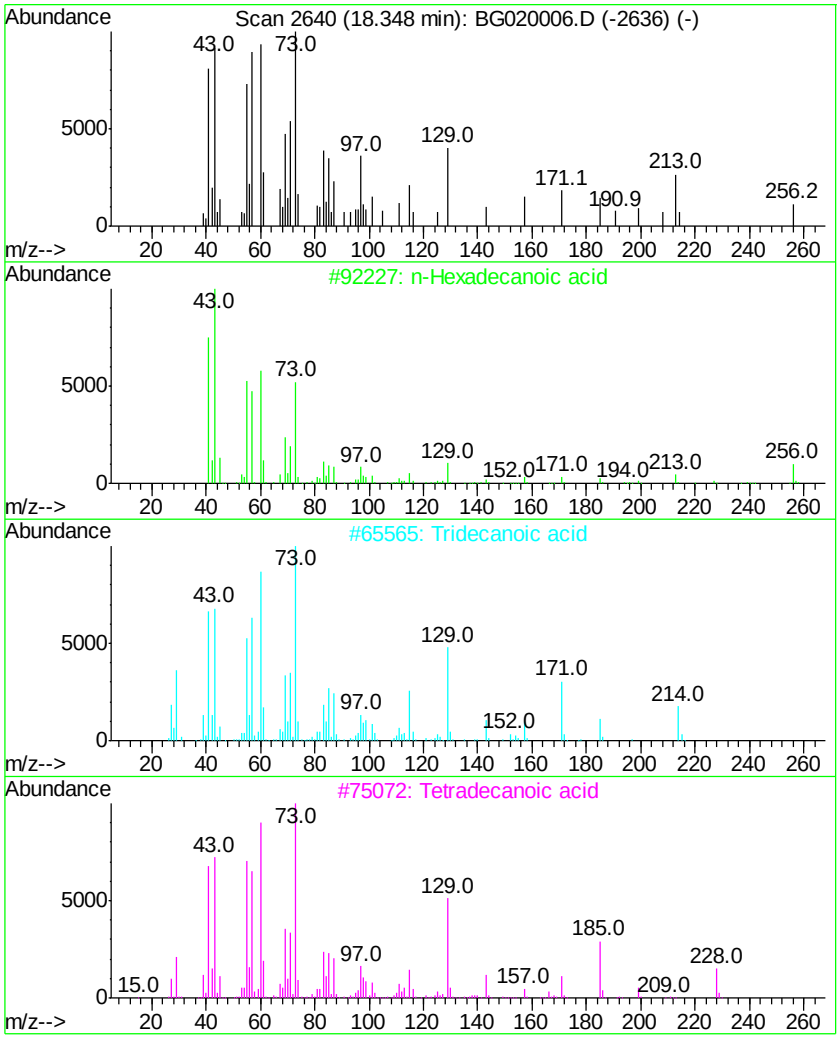
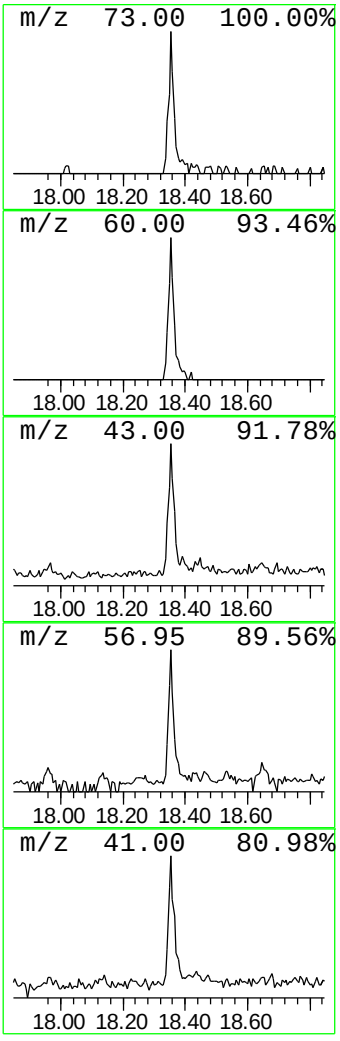
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	3.11 ng	52215	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	97
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	50
5	Undecanoic acid	186	C11H22O2	000112-37-8	49





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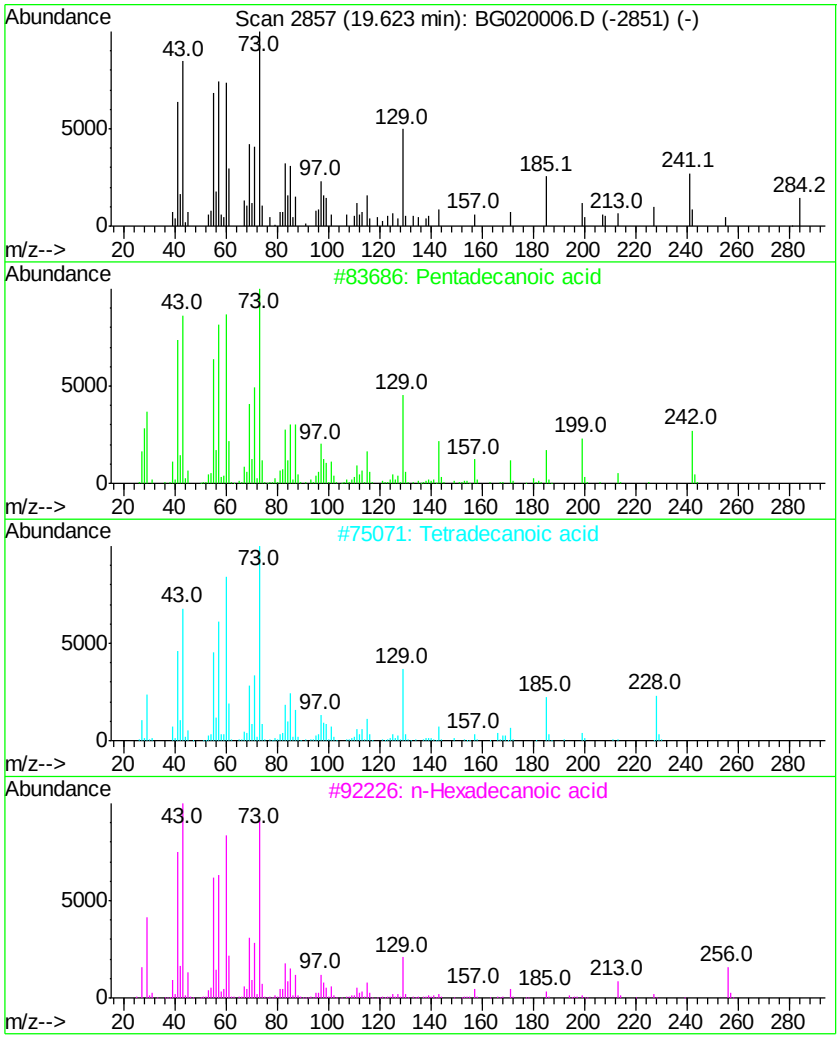
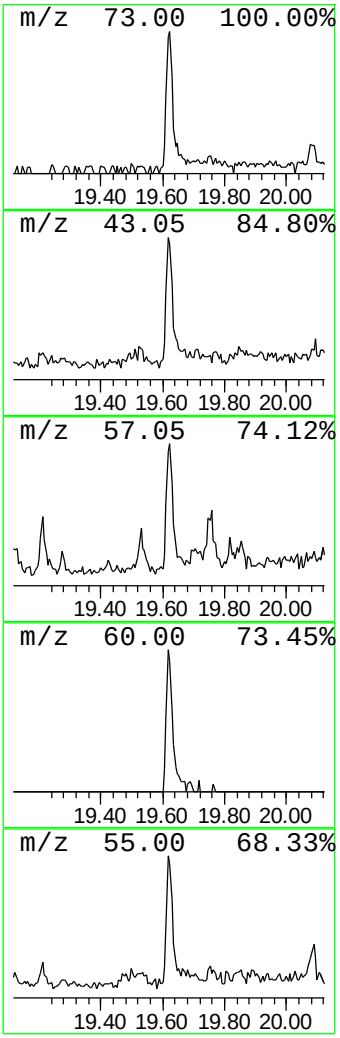
Peak Number 8 Pentadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	2.86 ng	62614	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	47
4	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	14
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	11





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-Pentanone, 4-hy...	5.19	5.7	ng	33057	1	8.11	116540	20.0
unknown7.64	7.64	87.7	ng	510727	1	8.11	116540	20.0
Benzene, 1,2,4-tr...	7.75	3.4	ng	19613	1	8.11	116540	20.0
1H-Indene, 1-methyl-	10.42	2.9	ng	25338	2	10.93	176633	20.0
n-Hexadecanoic acid	18.35	3.1	ng	52215	4	17.48	335259	20.0
Pentadecanoic acid	19.62	2.9	ng	62614	5	21.76	437521	20.0