LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
Data File : BG020067.D
Acq On : 10 Dec 2015 7:29
Operator : UM/SJ
Sample : G4683-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-14.5

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	2.991	20	26	44	rBV	1483584	2154879	100.00%	22.016%
2	5.183	394	399	407	rBV	68326	101671	4.72%	1.039%
3	5.659	472	480	488	rBV	320987	512808	23.80%	5.239%
4	7.263	743	753	762	rBV	348219	605196	28.08%	6.183%
5	7.639	810	817	829	rVB	344553	577665	26.81%	5.902%
6	8.109	891	897	903	rBV	69389	112745	5.23%	1.152%
7	8.432	945	952	961	rBV	233858	403401	18.72%	4.122%
8	9.278	1088	1096	1105	rBV	214917	375182	17.41%	3.833%
9	10.923	1369	1376	1384	rBV	96048	173476	8.05%	1.772%
10	13.361	1779	1791	1799	rBV	541971	846849	39.30%	8.652%
11	14.184	1923	1931	1937	rBV	136079	198346	9.20%	2.027%
12	14.736	2015	2025	2032	rVB2	162888	264566	12.28%	2.703%
13	15.565	2162	2166	2172	rVB	18656	23880	1.11%	0.244%
14	16.217	2268	2277	2288	rBV	485276	757428	35.15%	7.739%
15	16.428	2308	2313	2321	rBV	19349	34457	1.60%	0.352%
16	17.480	2483	2492	2498	rBV	221282	324745	15.07%	3.318%
17	18.350	2634	2640	2645	rBV2	32850	46010	2.14%	0.470%
18	19.202	2782	2785	2793	rBV	16806	24232	1.12%	0.248%
19	19.619	2851	2856	2865	rBV5	12275	21976	1.02%	0.225%
20	20.077	2928	2934	2940	rBV	1027530	1338419	62.11%	13.675%
21	20.753	3042	3049	3056	rVB2	13878	23075	1.07%	0.236%
22	20.835	3056	3063	3069	rBV4	12906	25755	1.20%	0.263%
23	21.381	3152	3156	3166	rBV4	20348	36174	1.68%	0.370%
24	21.752	3212	3219	3225	rBV	267078	420786	19.53%	4.299%
25	25.024	3766	3776	3788	rBV2	132356	383844	17.81%	3.922%

Sum of corrected areas: 9787565

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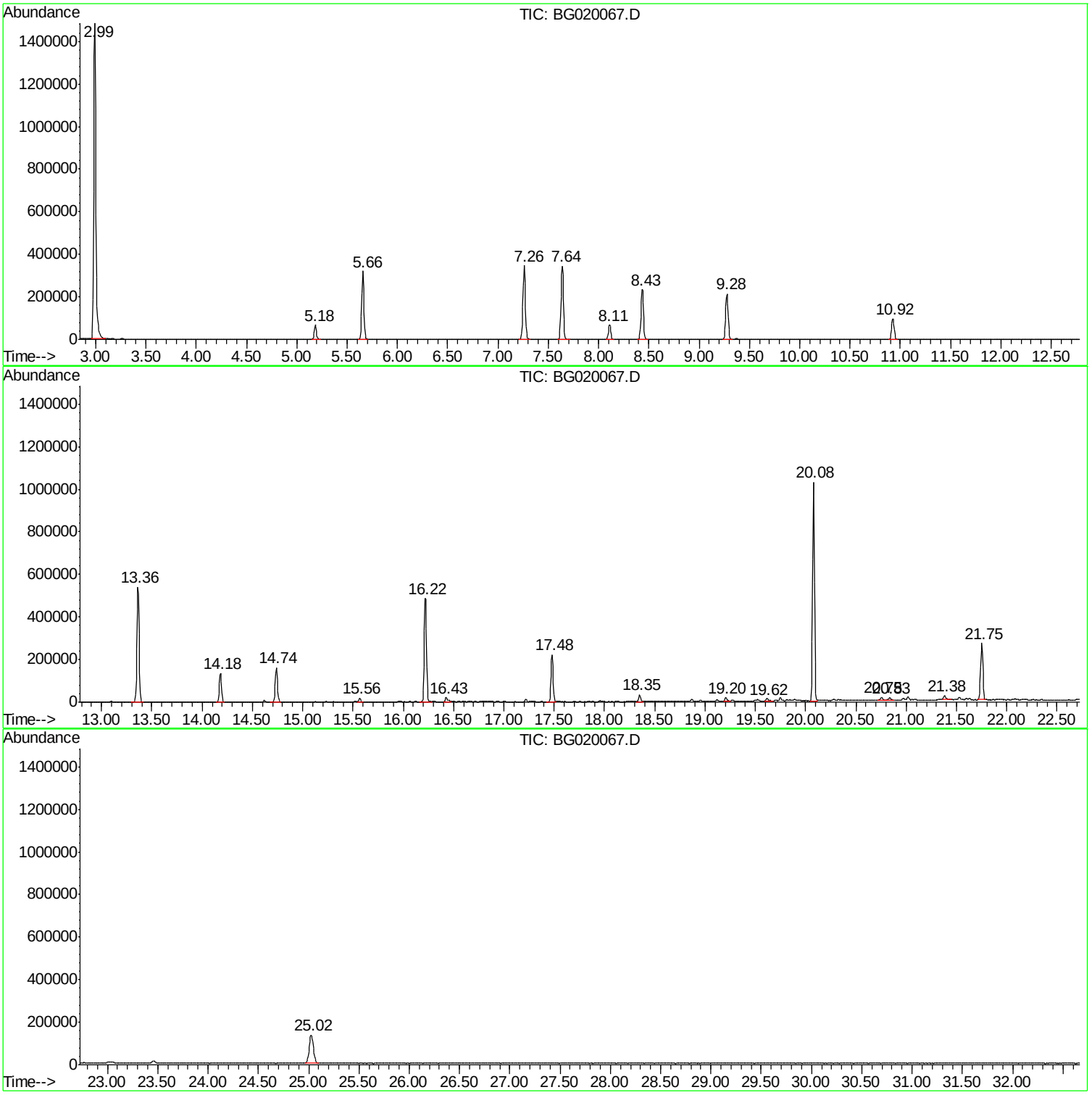
Instrument : BNA_G
ClientSampleId : S8-14.5

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 : BG020067.D
Acq On : 10 Dec 2015 7:29
Operator : UM/SJ
Sample : G4683-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-14.5

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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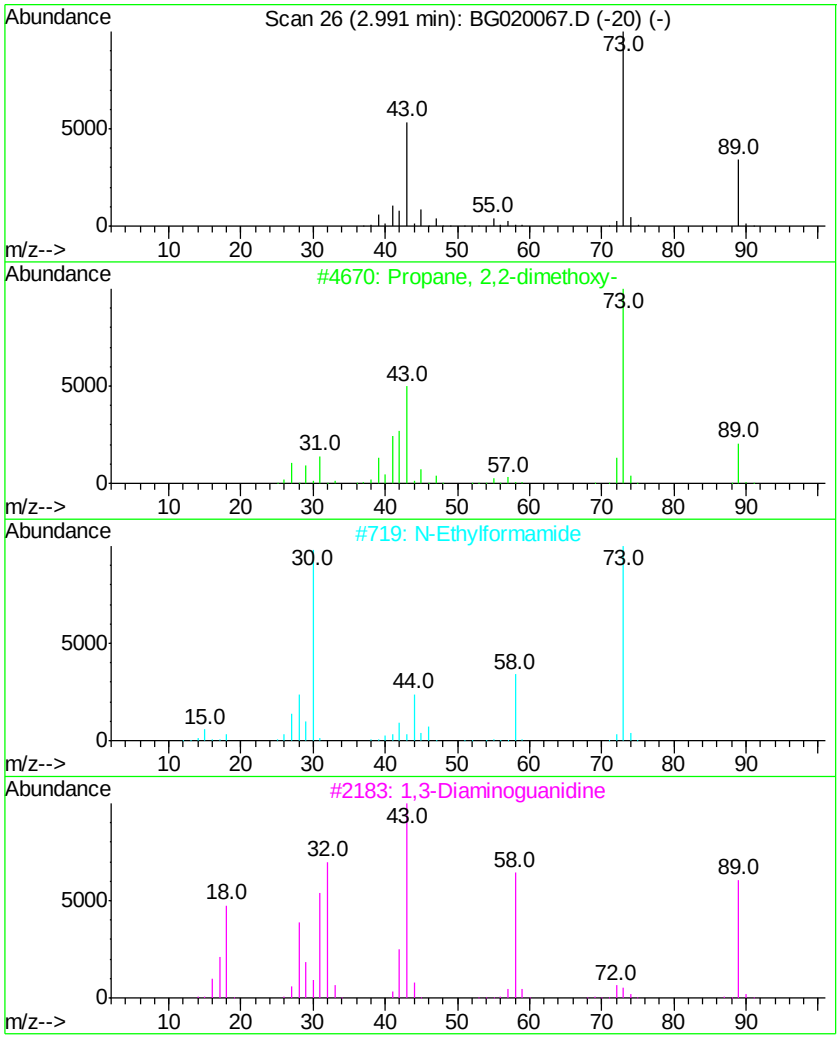
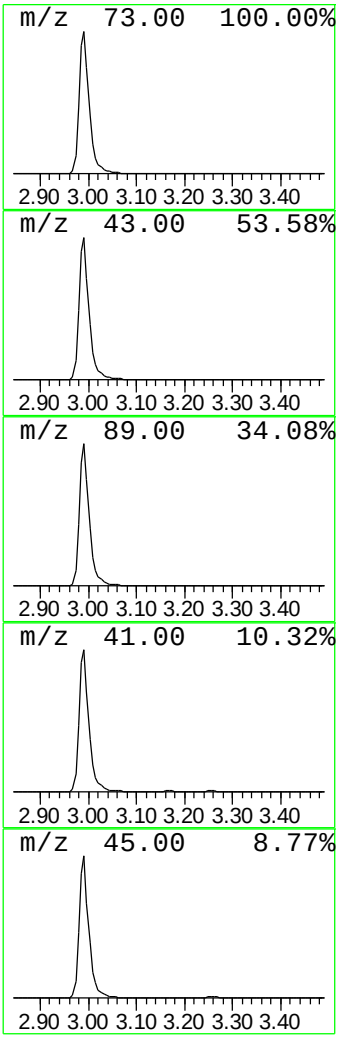
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	382.26 ng	2154880	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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Operator : UM/SJ
Sample : G4683-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-14.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
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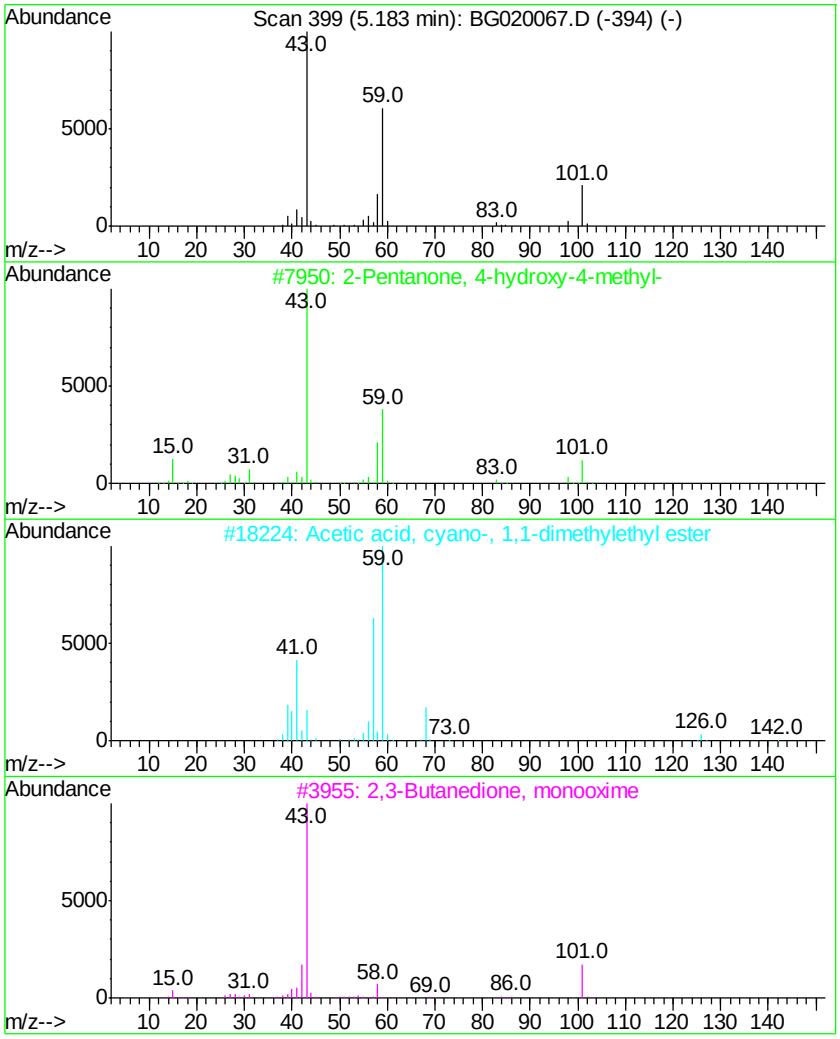
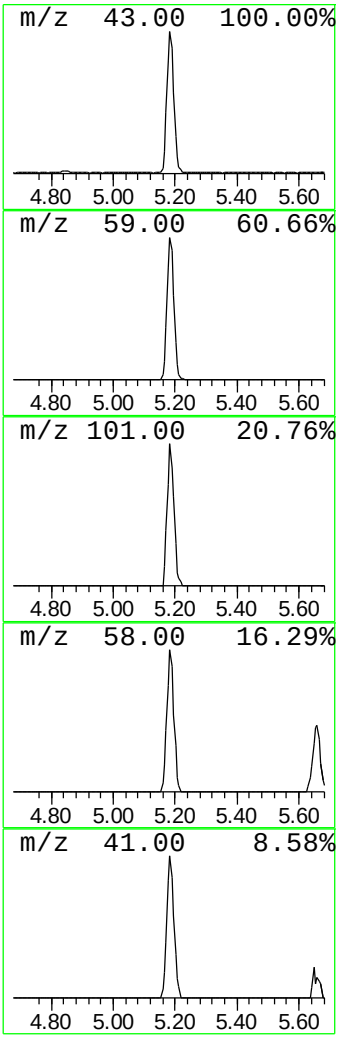
Peak Number 2 unknown5.18 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	18.04 ng	101671	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	40
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	9





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Sample : G4683-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-14.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
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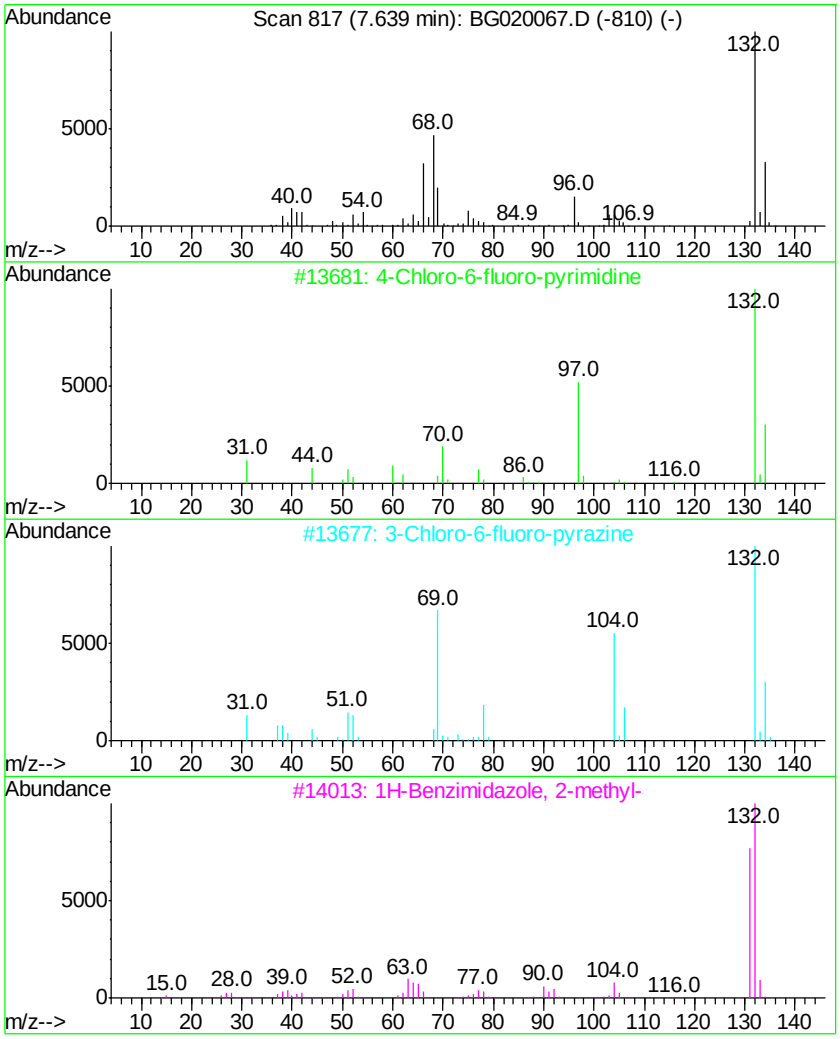
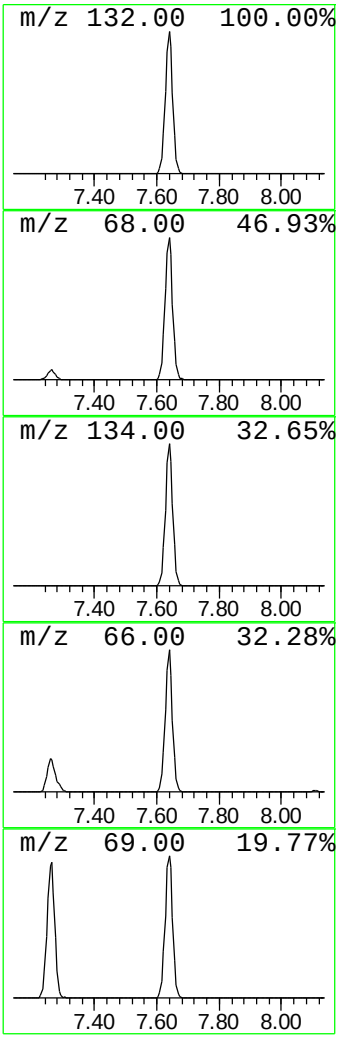
Peak Number 3 unknown7.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	102.47 ng	577665	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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Instrument : BNA_G
ClientSampleId : S8-14.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
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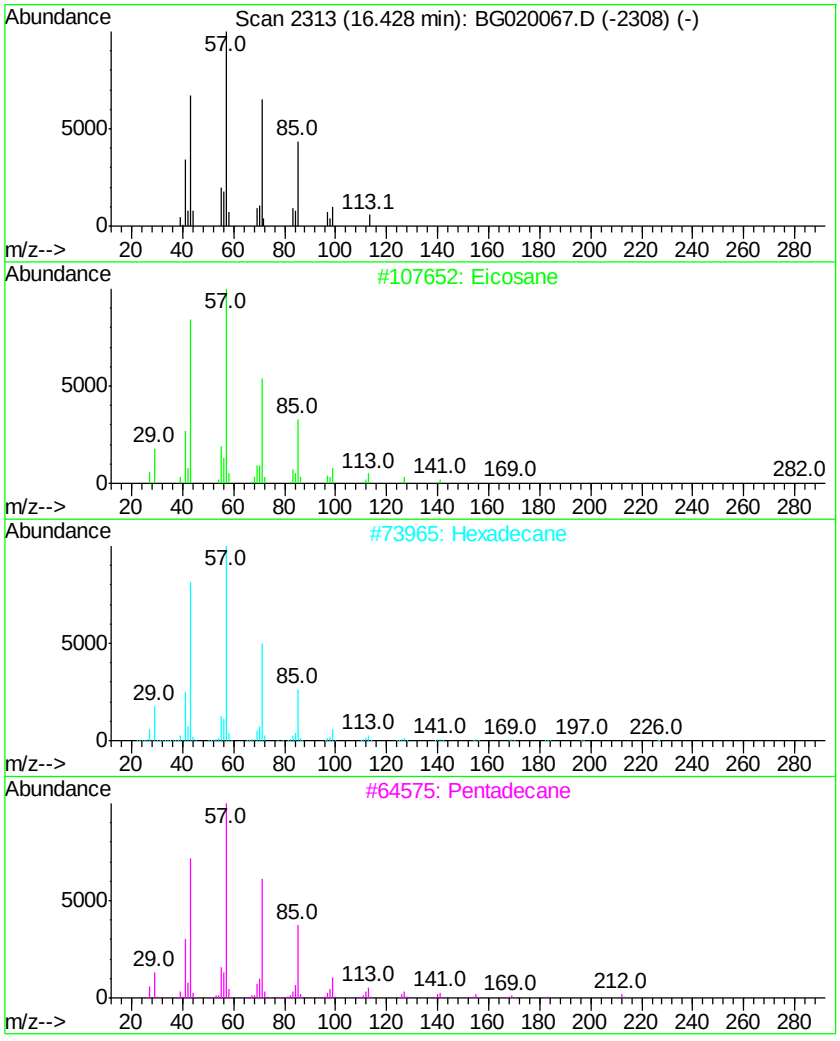
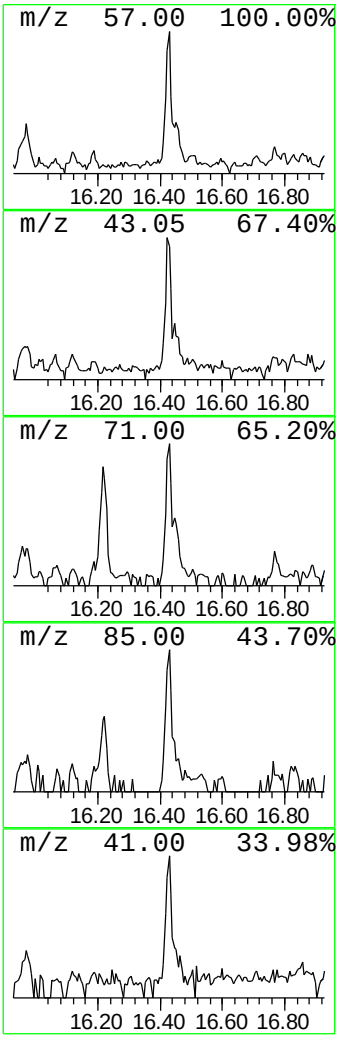
Peak Number 5 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	2.12 ng	34457	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Hexadecane	226	C16H34	000544-76-3	78
3	Pentadecane	212	C15H32	000629-62-9	72
4	Tetradecane	198	C14H30	000629-59-4	72
5	Undecane	156	C11H24	001120-21-4	64





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Sample : G4683-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-14.5

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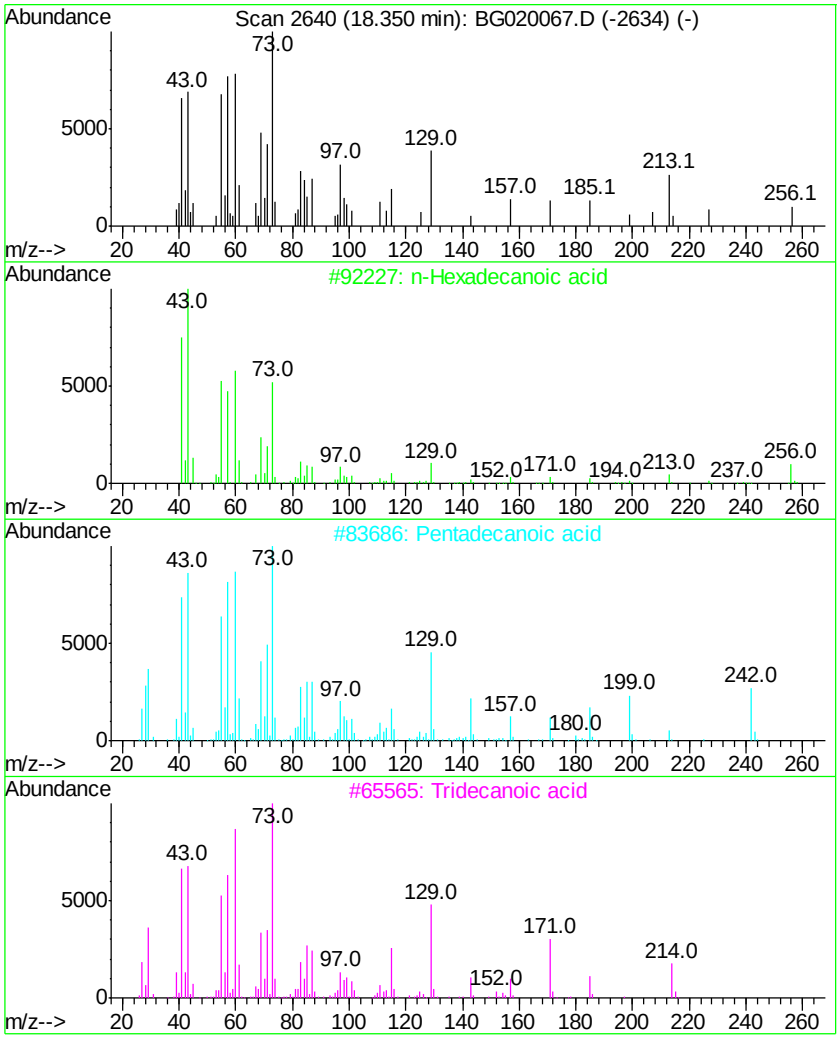
TIC Integration Parameters: LSCINT.P

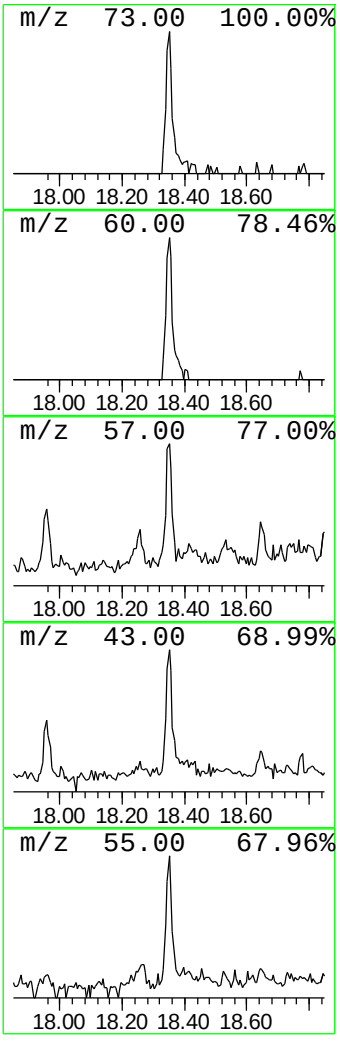
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	2.83 ng	46010	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	59
5	D-Glucose, 6-O-.alpha.-D-galacto...	342	C12H22O11	000585-99-9	38





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	2.99	382.3	ng	2154880	1	8.11	112745	20.0
unknown5.18	5.18	18.0	ng	101671	1	8.11	112745	20.0
unknown7.64	7.64	102.5	ng	577665	1	8.11	112745	20.0
Eicosane	16.43	2.1	ng	34457	4	17.48	324745	20.0
n-Hexadecanoic acid	18.35	2.8	ng	46010	4	17.48	324745	20.0