LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020073.D
Acq On : 10 Dec 2015 13:23
Operator : UM/SJ
Sample : G4683-02
Misc :
ALS Vial : 6 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	21	26	44	rVB	1431085	2043919	100.00%	22.085%
2	5.182	393	399	408	rVB	65910	98411	4.81%	1.063%
3	5.658	470	480	490	rBV	297812	479018	23.44%	5.176%
4	7.262	745	753	763	rBV	331540	570578	27.92%	6.165%
5	7.638	808	817	826	rBV	319709	543999	26.62%	5.878%
6	8.108	891	897	904	rVB	64971	105675	5.17%	1.142%
7	8.431	944	952	961	rVB	216395	378917	18.54%	4.094%
8	9.277	1087	1096	1104	rBV	202705	358814	17.56%	3.877%
9	10.922	1369	1376	1384	rVB	92468	164365	8.04%	1.776%
10	13.361	1783	1791	1800	rBV	523586	807108	39.49%	8.721%
11	14.183	1924	1931	1938	rBV	130141	188526	9.22%	2.037%
12	14.736	2019	2025	2033	rVB2	155447	251821	12.32%	2.721%
13	15.564	2162	2166	2171	rVB2	16563	23018	1.13%	0.249%
14	16.222	2268	2278	2288	rBV	478269	728649	35.65%	7.873%
15	16.428	2307	2313	2316	rBV	18583	26424	1.29%	0.286%
16	17.479	2486	2492	2498	rBV	212420	316203	15.47%	3.417%
17	18.349	2635	2640	2649	rBV4	29791	41497	2.03%	0.448%
18	19.207	2781	2786	2790	rBV2	17341	23332	1.14%	0.252%
19	19.747	2874	2878	2884	rBV	15394	20960	1.03%	0.226%
20	20.082	2929	2935	2941	rBV	998243	1294004	63.31%	13.982%
21	21.381	3152	3156	3165	rBV4	17253	30332	1.48%	0.328%
22	21.751	3213	3219	3226	rBV	246354	403400	19.74%	4.359%
23	25.029	3767	3777	3791	rVB3	122137	355931	17.41%	3.846%

Sum of corrected areas: 9254901

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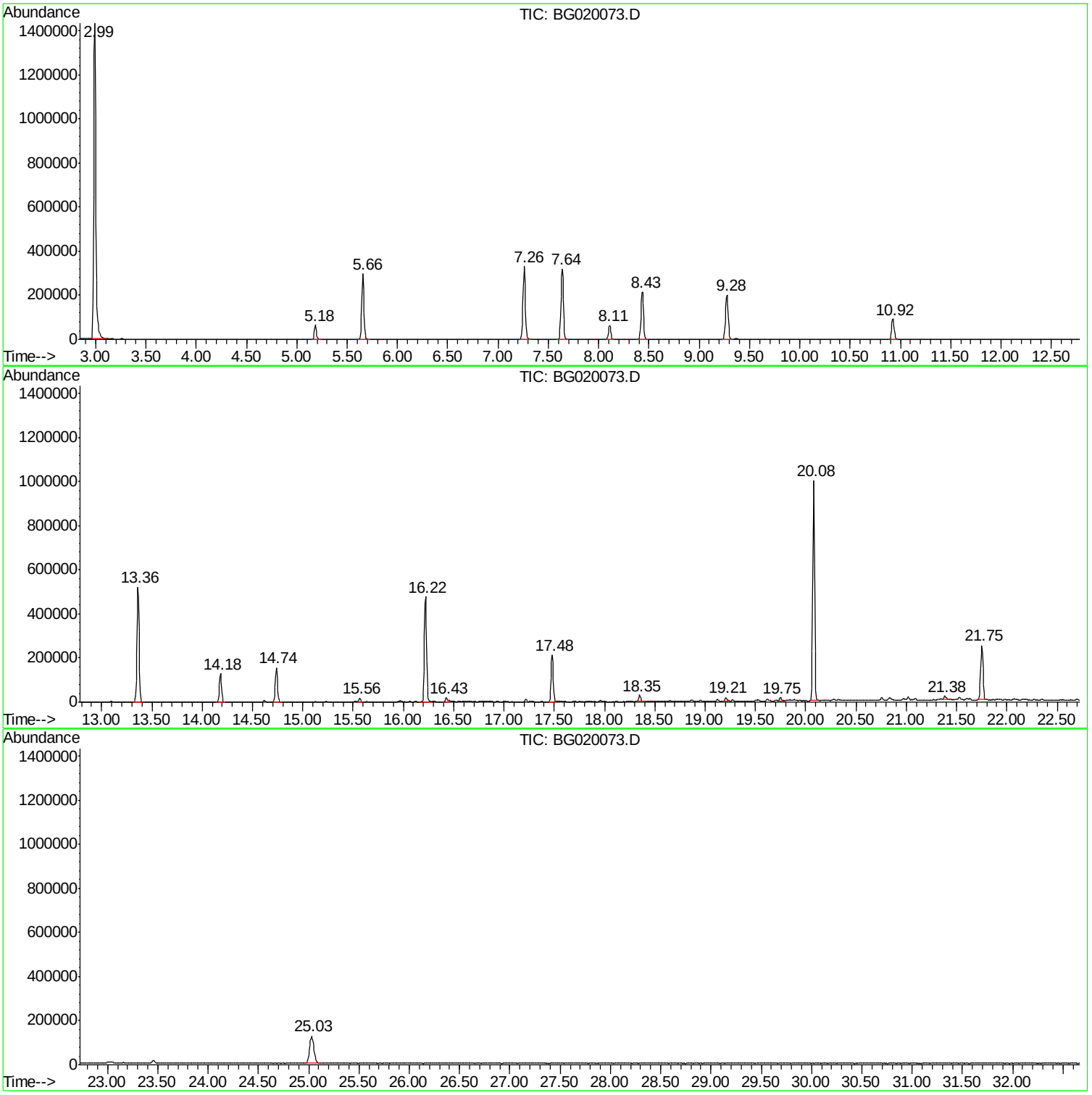
Instrument : BNA_G
ClientSampleId : S8-14.5

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\BG121115\
Data File : BG020073.D
Acq On : 10 Dec 2015 13:23
Operator : UM/SJ
Sample : G4683-02
Misc :
ALS Vial : 6 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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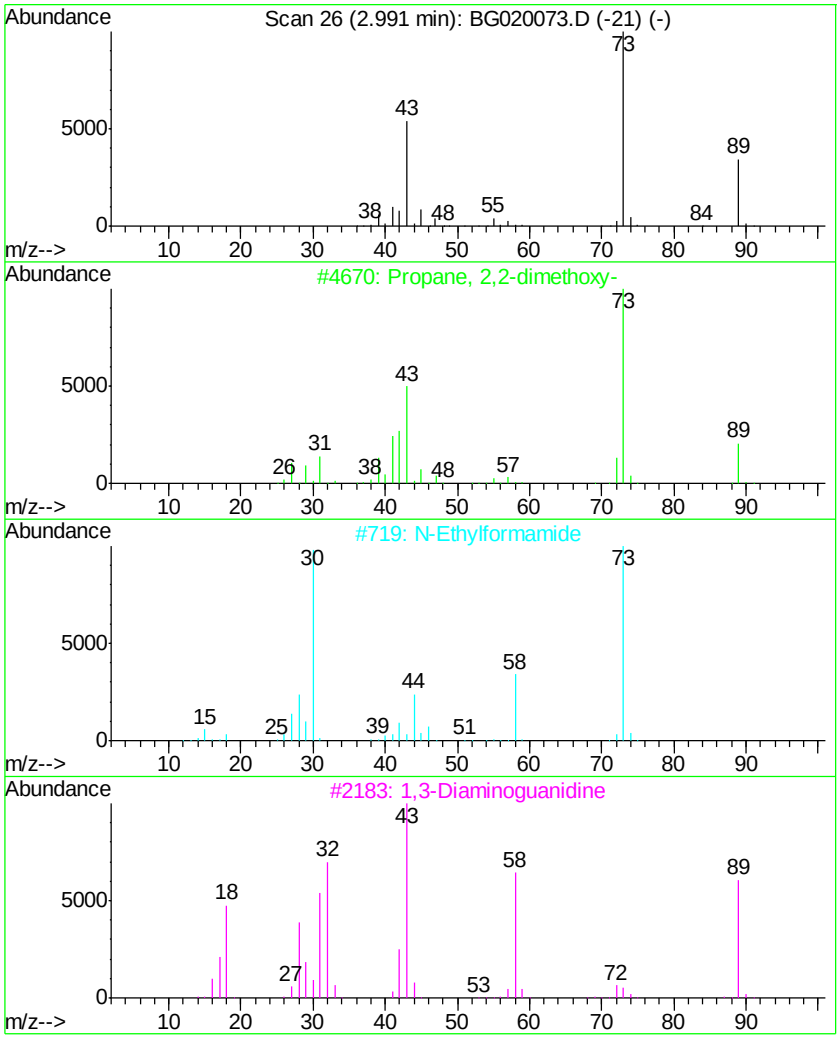
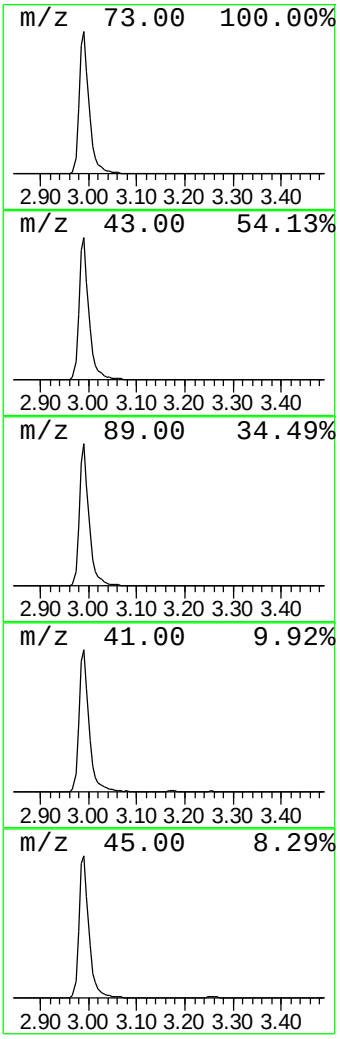
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	386.83 ng	2043920	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





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020073.D
Acq On : 10 Dec 2015 13:23
Operator : UM/SJ
Sample : G4683-02
Misc :
ALS Vial : 6 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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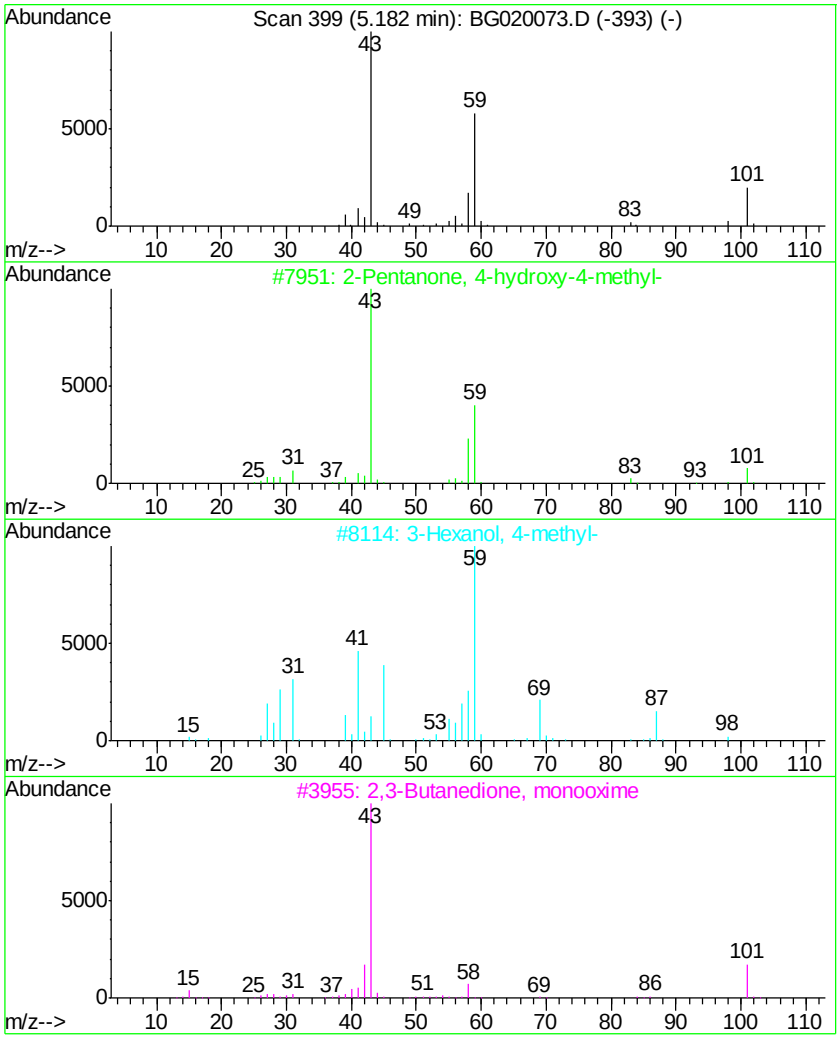
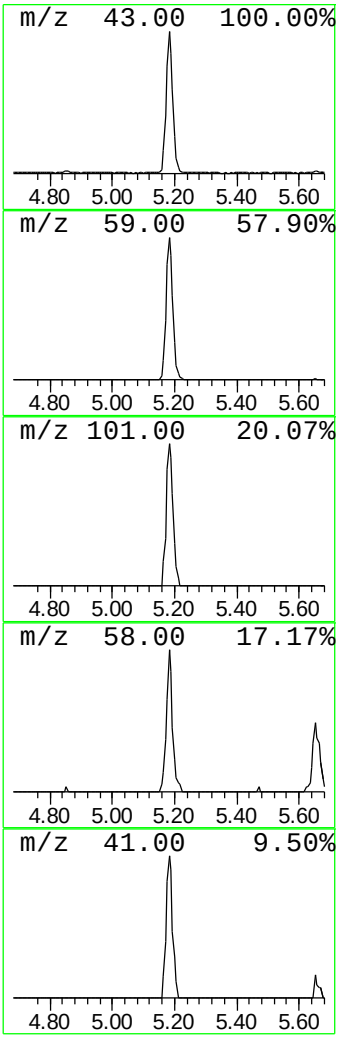
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	18.63 ng	98411	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	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020073.D
Acq On : 10 Dec 2015 13:23
Operator : UM/SJ
Sample : G4683-02
Misc :
ALS Vial : 6 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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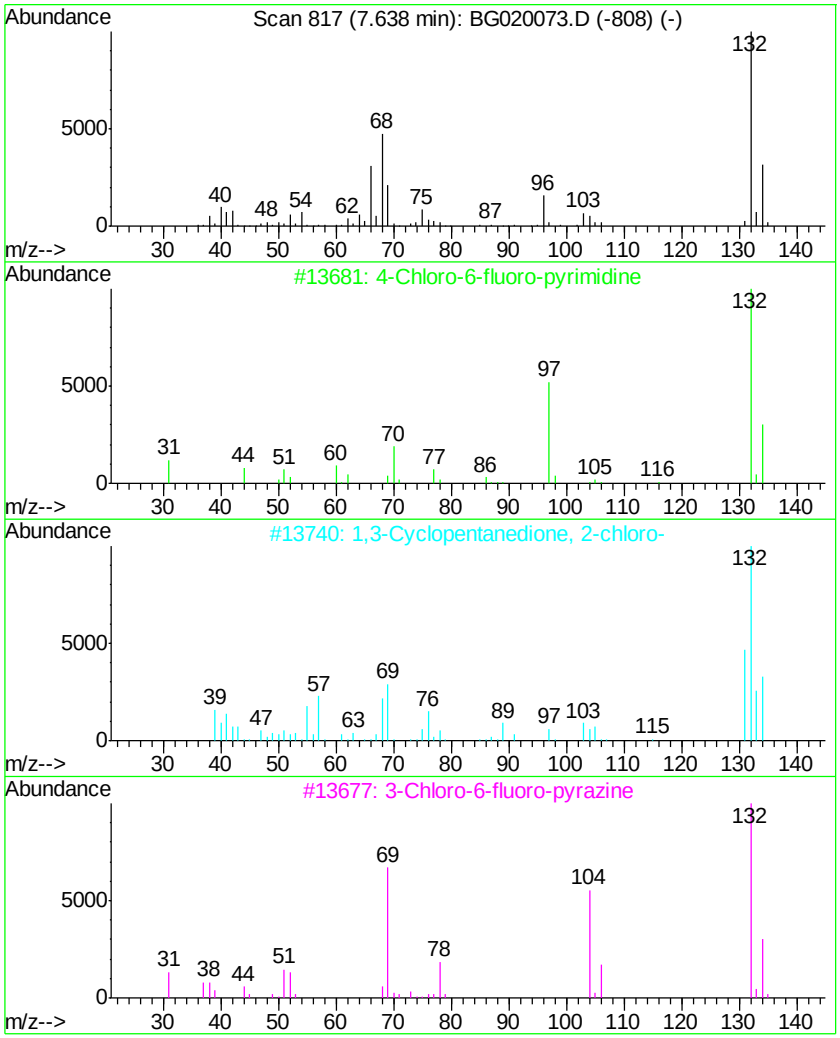
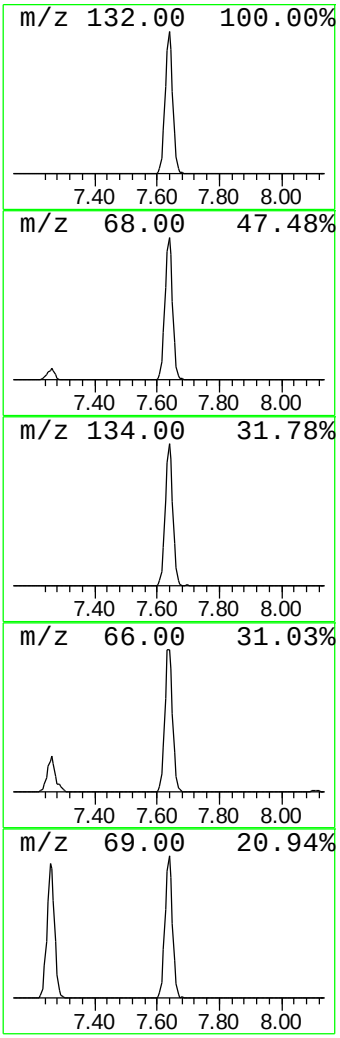
Peak Number 3 unknown7.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	102.96 ng	543999	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	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	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020073.D
Acq On : 10 Dec 2015 13:23
Operator : UM/SJ
Sample : G4683-02
Misc :
ALS Vial : 6 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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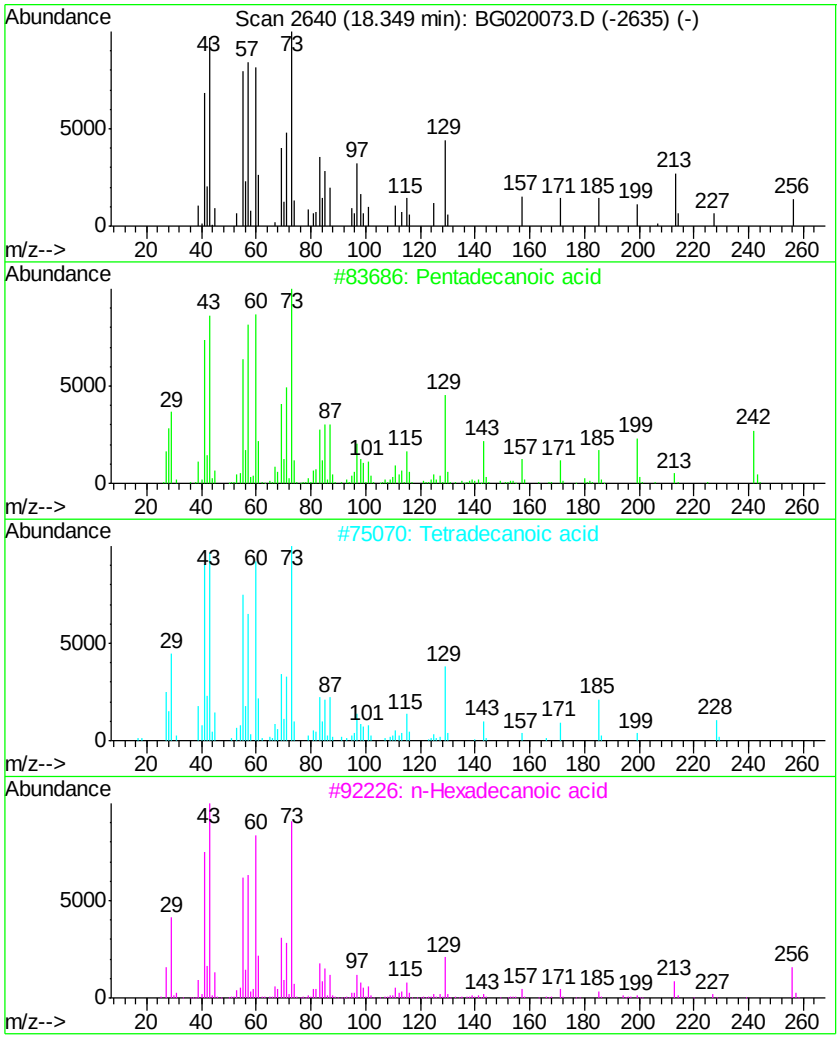
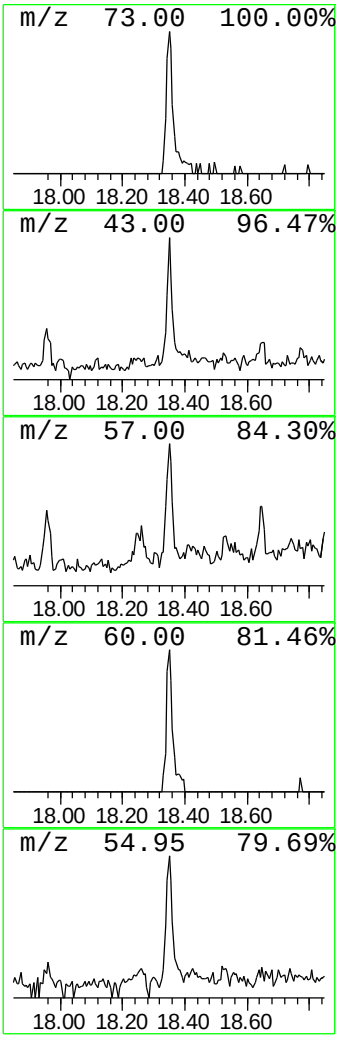
Peak Number 5 Pentadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	2.62 ng	41497	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52
4	D-Glucose, 4-O-.alpha.-D-glucopy...	342	C12H22O11	000069-79-4	50
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121115\
Data File : BG020073.D
Acq On : 10 Dec 2015 13:23
Operator : UM/SJ
Sample : G4683-02
Misc :
ALS Vial : 6 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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	2.99	386.8	ng	2043920	1	8.11	105675	20.0
2-Pentanone, 4-hy...	5.18	18.6	ng	98411	1	8.11	105675	20.0
unknown7.64	7.64	103.0	ng	543999	1	8.11	105675	20.0
Pentadecanoic acid	18.35	2.6	ng	41497	4	17.48	316203	20.0