LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023030.D
Acq On : 12 Jul 2016 10:39
Operator : UM/SJ
Sample : H3936-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-5(4-5)

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-BG070816.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	3.038	29	34	58	rBV	5024961	8025771	99.56%	14.782%
2	3.801	160	164	177	rBV	180086	303516	3.77%	0.559%
3	5.223	401	406	411	rBV	92755	149817	1.86%	0.276%
4	5.699	479	487	497	rBV	1704903	2895428	35.92%	5.333%
5	7.309	753	761	771	rBV	1991444	3566321	44.24%	6.569%
6	7.679	816	824	835	rBV	1857114	3294992	40.87%	6.069%
7	8.155	898	905	911	rBV	350790	609135	7.56%	1.122%
8	8.478	953	960	969	rVB	1292483	2299358	28.52%	4.235%
9	9.324	1096	1104	1115	rBV	1279184	2337285	28.99%	4.305%
10	10.981	1379	1386	1394	rVB	570409	990666	12.29%	1.825%
11	13.420	1792	1801	1813	rBV	3555048	5602053	69.49%	10.318%
12	14.242	1935	1941	1947	rBV	988146	1470514	18.24%	2.708%
13	14.800	2029	2036	2047	rBV2	995998	1647844	20.44%	3.035%
14	16.293	2278	2290	2303	rBV	3303599	5295451	65.69%	9.753%
15	16.487	2318	2323	2329	rBV4	75683	138238	1.71%	0.255%
16	17.280	2454	2458	2462	rBV2	112268	150737	1.87%	0.278%
17	17.556	2498	2505	2520	rBV2	1315199	2112749	26.21%	3.891%
18	18.026	2581	2585	2591	rVB	125139	161894	2.01%	0.298%
19	18.425	2649	2653	2658	rBV2	195852	241544	3.00%	0.445%
20	20.159	2942	2948	2954	rVB	6222368	8061341	100.00%	14.847%
21	20.805	3053	3058	3062	rBV4	100775	144206	1.79%	0.266%
22	21.469	3166	3171	3182	rBV4	120809	269499	3.34%	0.496%
23	21.863	3232	3238	3246	rBV2	1381499	2322677	28.81%	4.278%
24	25.247	3804	3814	3828	rVB2	741768	2203231	27.33%	4.058%

Sum of corrected areas: 54294267

LSC Report - Integrated Chromatogram

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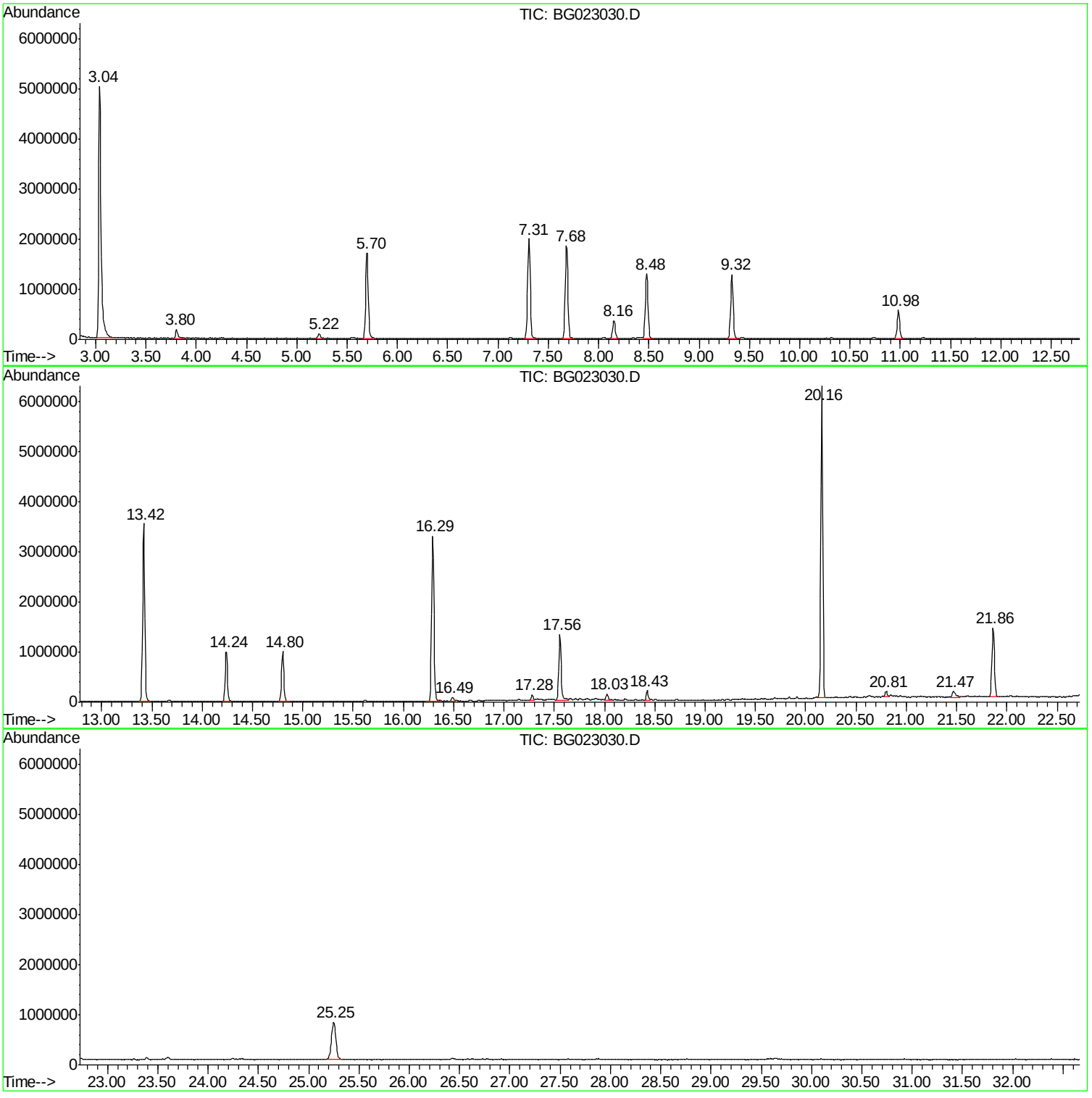
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-5(4-5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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\BG071116\
Data File : BG023030.D
Acq On : 12 Jul 2016 10:39
Operator : UM/SJ
Sample : H3936-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-5(4-5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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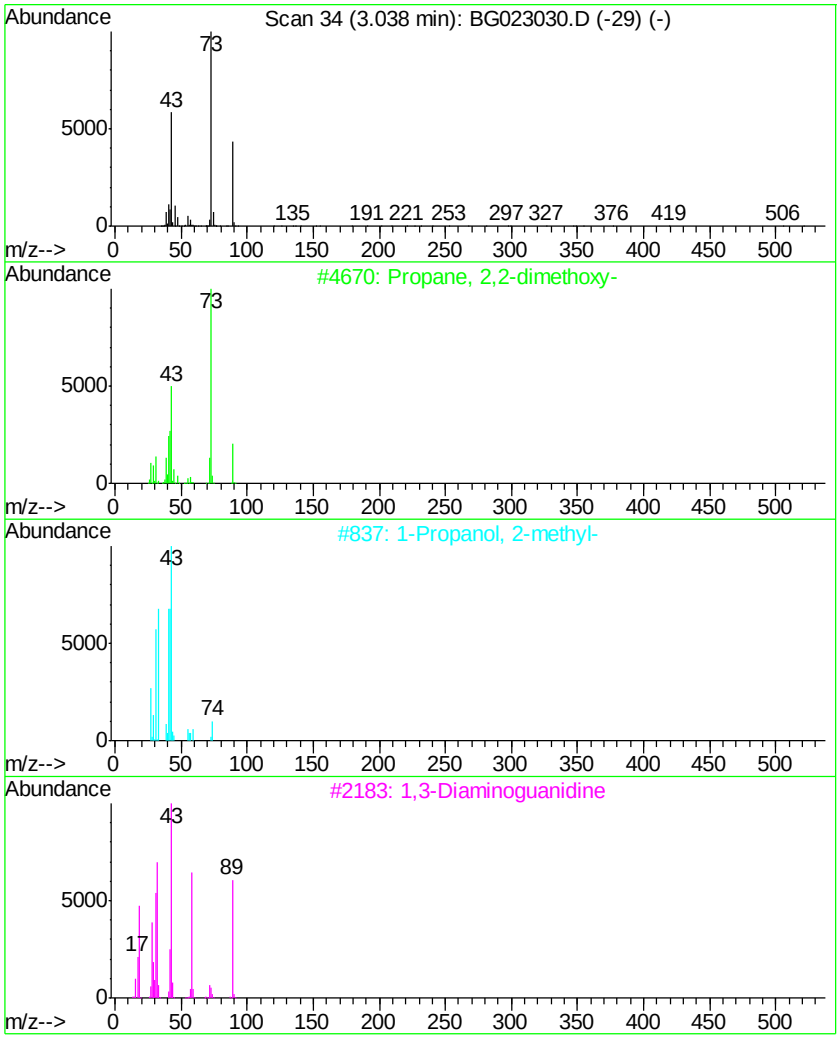
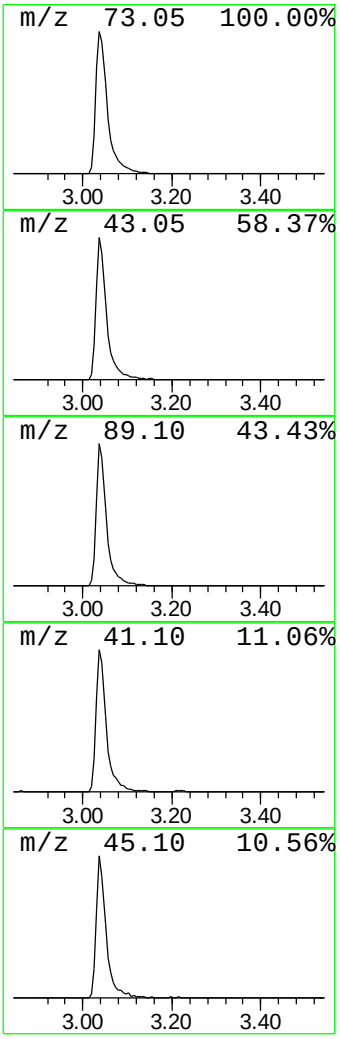
Peak Number 1 unknown3.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	263.51 ng	8025770	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	42
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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Data File : BG023030.D
Acq On : 12 Jul 2016 10:39
Operator : UM/SJ
Sample : H3936-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-5(4-5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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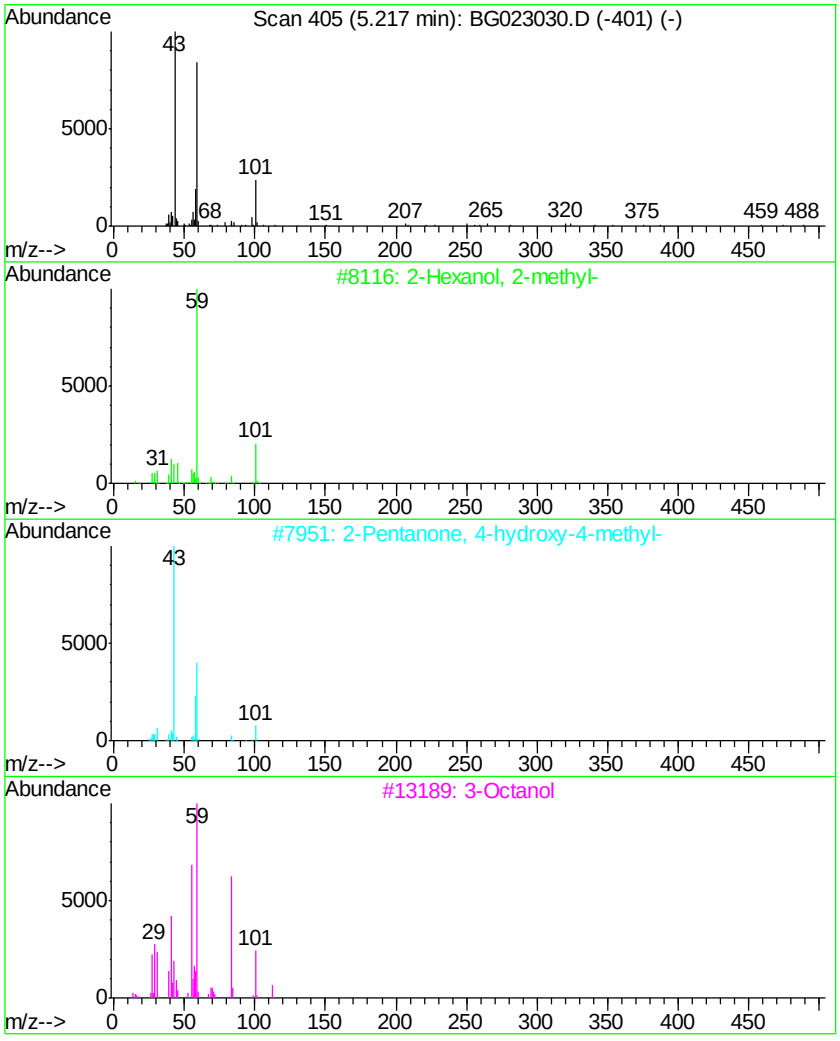
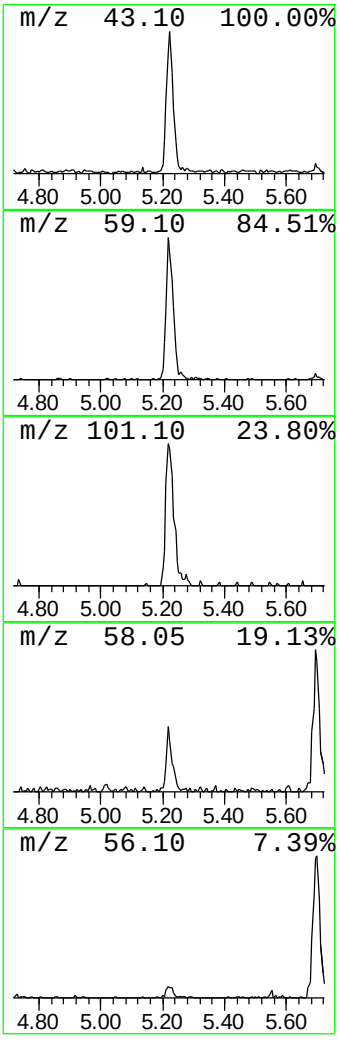
Peak Number 3 2-Hexanol, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	4.92 ng	149817	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
3	3-Octanol	130	C8H18O	000589-98-0	39
4	3-Heptadecanol	256	C17H36O	084534-30-5	25
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23





Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023030.D
Acq On : 12 Jul 2016 10:39
Operator : UM/SJ
Sample : H3936-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-5(4-5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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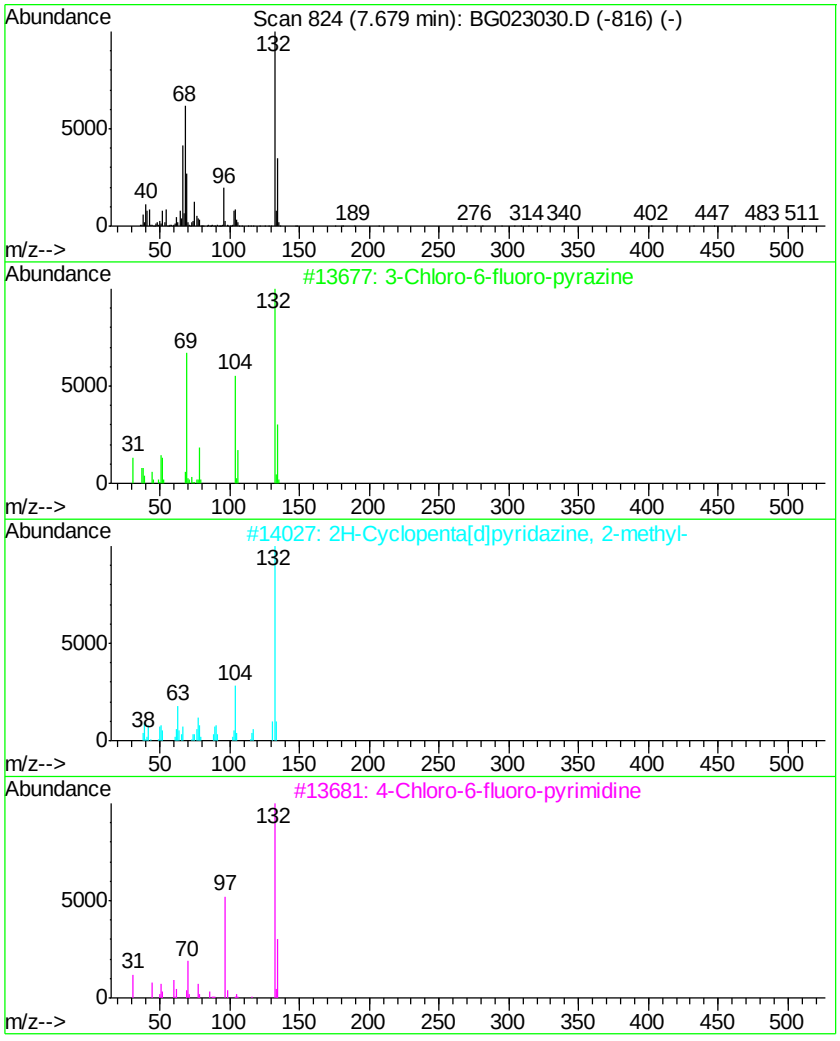
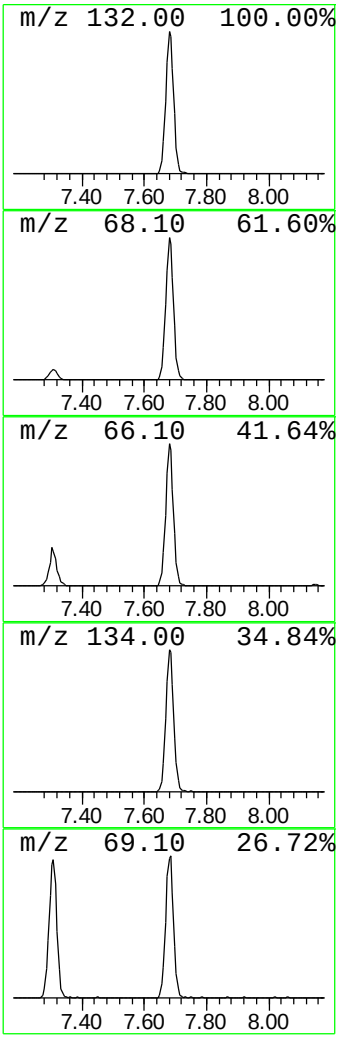
Peak Number 4 unknown7.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	108.19 ng	3294990	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	14
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
4	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





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Acq On : 12 Jul 2016 10:39
Operator : UM/SJ
Sample : H3936-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-5(4-5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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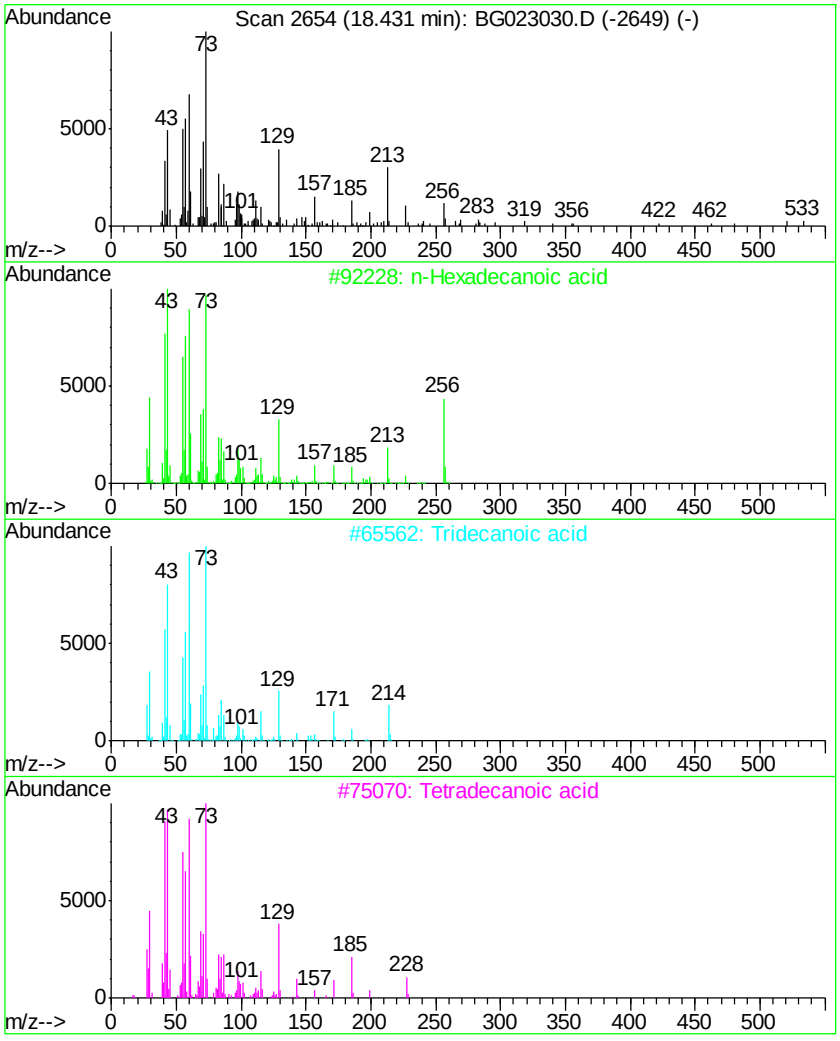
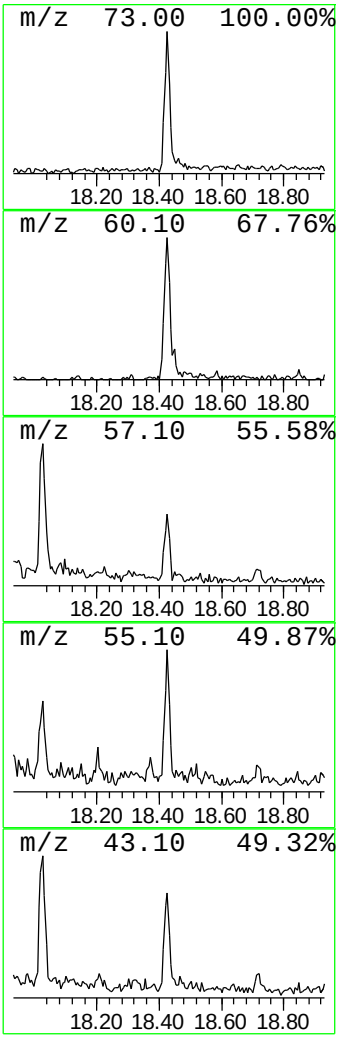
Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	2.29 ng	241544	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	l-(+)-Ascorbic acid 2,6-dihexade...	652	C38H68O8	028474-90-0	43
5	Heptanoic acid	130	C7H14O2	000111-14-8	38





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Operator : UM/SJ
Sample : H3936-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-5(4-5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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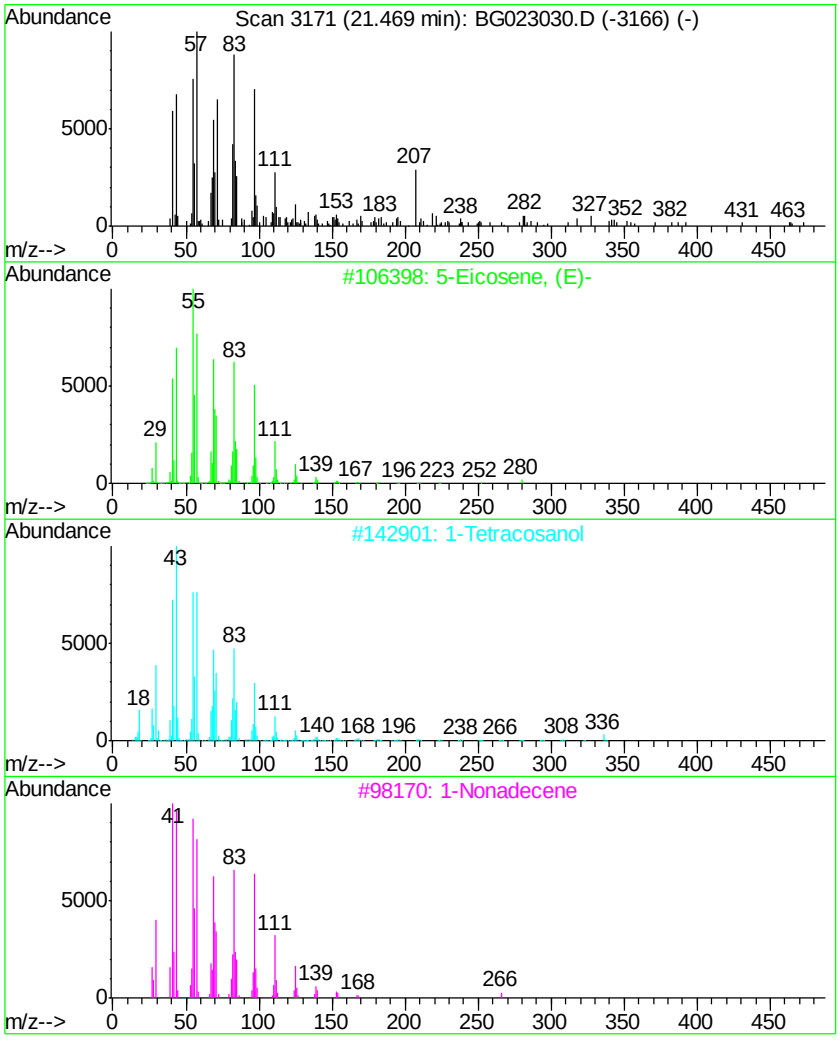
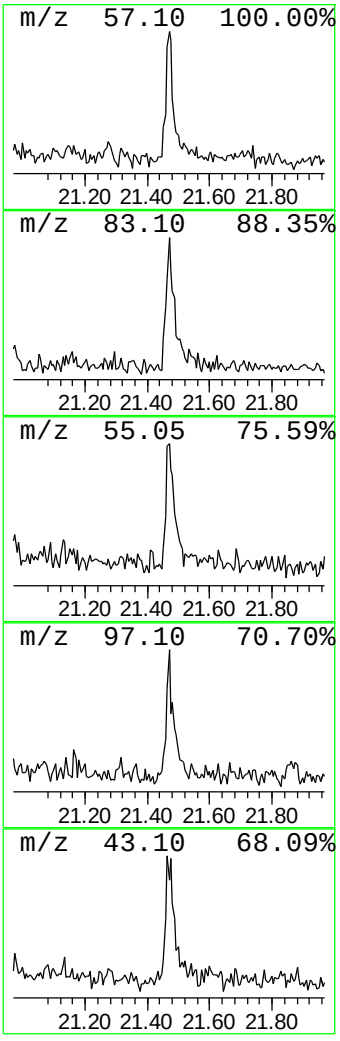
Peak Number 7 5-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	2.32 ng	269499	Chrysene-d12	21.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	64
2	1-Tetracosanol	354	C24H50O	000506-51-4	64
3	1-Nonadecene	266	C19H38	018435-45-5	60
4	1-Hexadecene	224	C16H32	000629-73-2	58
5	Cyclotridecane	182	C13H26	000295-02-3	58





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
unknown3.04	3.04	263.5	ng	8025770	1	8.16	609135	20.0
2-Hexanol, 2-methyl-	5.22	4.9	ng	149817	1	8.16	609135	20.0
unknown7.68	7.68	108.2	ng	3294990	1	8.16	609135	20.0
n-Hexadecanoic acid	18.43	2.3	ng	241544	4	17.56	2112750	20.0
5-Eicosene, (E)-	21.47	2.3	ng	269499	5	21.86	2322680	20.0