LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023140.D
Acq On : 16 Jul 2016 10:18
Operator : UM/SJ
Sample : H3951-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LSS-SB-SB02(11-13ft)

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	2.897	6	10	28	rVB2	134550	345182	3.78%	0.593%
2	3.038	29	34	49	rBV	4764548	7069016	77.44%	12.141%
3	3.179	55	58	74	rVB2	128328	281768	3.09%	0.484%
4	5.218	400	405	413	rBV	393658	579205	6.35%	0.995%
5	5.694	479	486	497	rVB	1988264	3218876	35.26%	5.528%
6	7.303	753	760	772	rBV	2264281	3920661	42.95%	6.734%
7	7.679	816	824	834	rBV	2056308	3567279	39.08%	6.127%
8	8.149	898	904	911	rVB	332218	580304	6.36%	0.997%
9	8.473	949	959	967	rBV	1369116	2403842	26.33%	4.129%
10	9.319	1095	1103	1113	rBV	1345348	2466981	27.03%	4.237%
11	10.976	1377	1385	1391	rBV	489707	901614	9.88%	1.549%
12	13.414	1789	1800	1809	rBV	3454650	5393483	59.09%	9.263%
13	14.236	1934	1940	1946	rBV	962691	1421652	15.57%	2.442%
14	14.800	2028	2036	2045	rBV2	871945	1483449	16.25%	2.548%
15	15.188	2093	2102	2109	rBV10	45157	105832	1.16%	0.182%
16	15.617	2169	2175	2181	rVB3	61981	95693	1.05%	0.164%
17	16.287	2283	2289	2302	rVB	3836579	6149880	67.37%	10.562%
18	16.481	2316	2322	2328	rBV2	68077	127100	1.39%	0.218%
19	17.274	2452	2457	2464	rBV2	100932	148855	1.63%	0.256%
20	17.550	2498	2504	2513	rBV2	1292490	2055411	22.52%	3.530%
21	18.420	2647	2652	2662	rBV	393165	767743	8.41%	1.319%
22	19.683	2862	2867	2877	rBV2	601636	1088671	11.93%	1.870%
23	20.153	2940	2947	2953	rBV	6670996	9128215	100.00%	15.678%
24	21.493	3170	3175	3182	rBV	66003	169574	1.86%	0.291%
25	21.857	3230	3237	3245	rBV	1391280	2491174	27.29%	4.279%
26	25.229	3801	3811	3821	rBV	755972	2263379	24.80%	3.887%

Sum of corrected areas: 58224839

LSC Report - Integrated Chromatogram

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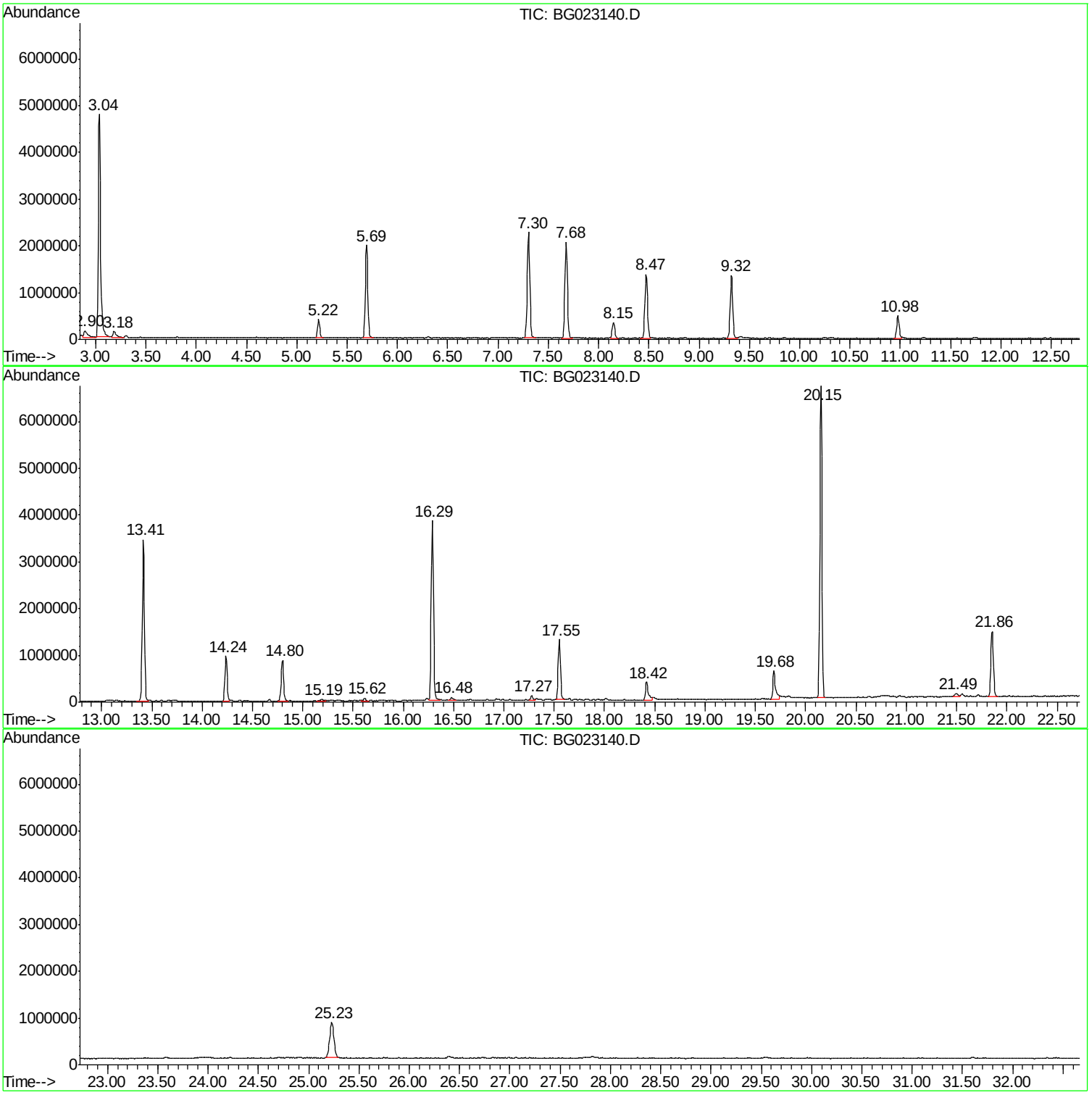
Operator : UM/SJ
Sample : H3951-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LSS-SB-SB02(11-13ft)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023140.D
Acq On : 16 Jul 2016 10:18
Operator : UM/SJ
Sample : H3951-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LSS-SB-SB02(11-13ft)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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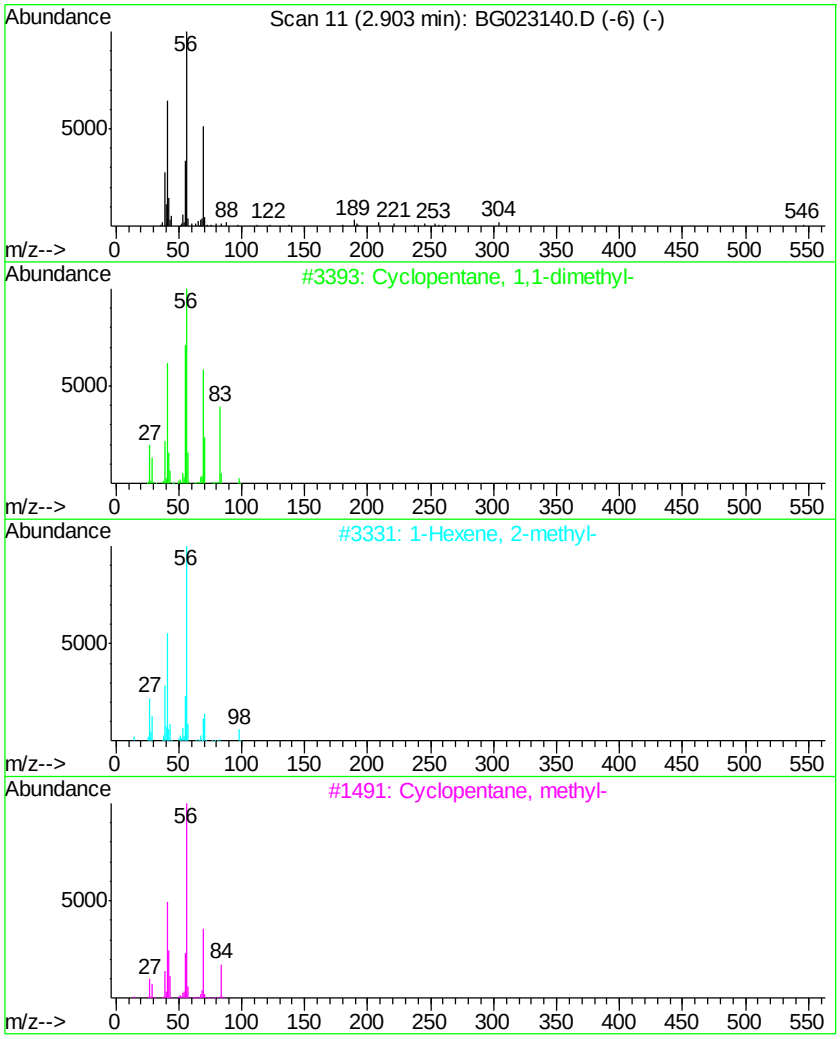
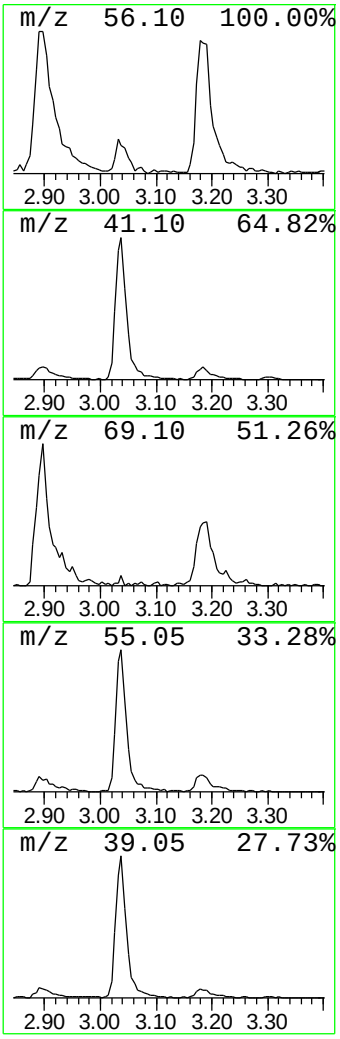
Peak Number 1 unknown2.90 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.90	11.90 ng	345182	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	45
2	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	45
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	45
4	Cyclopropane, 1,1-dimethyl-2-pen...	140	C10H20	062167-97-9	45
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	45





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023140.D
Acq On : 16 Jul 2016 10:18
Operator : UM/SJ
Sample : H3951-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LSS-SB-SB02(11-13ft)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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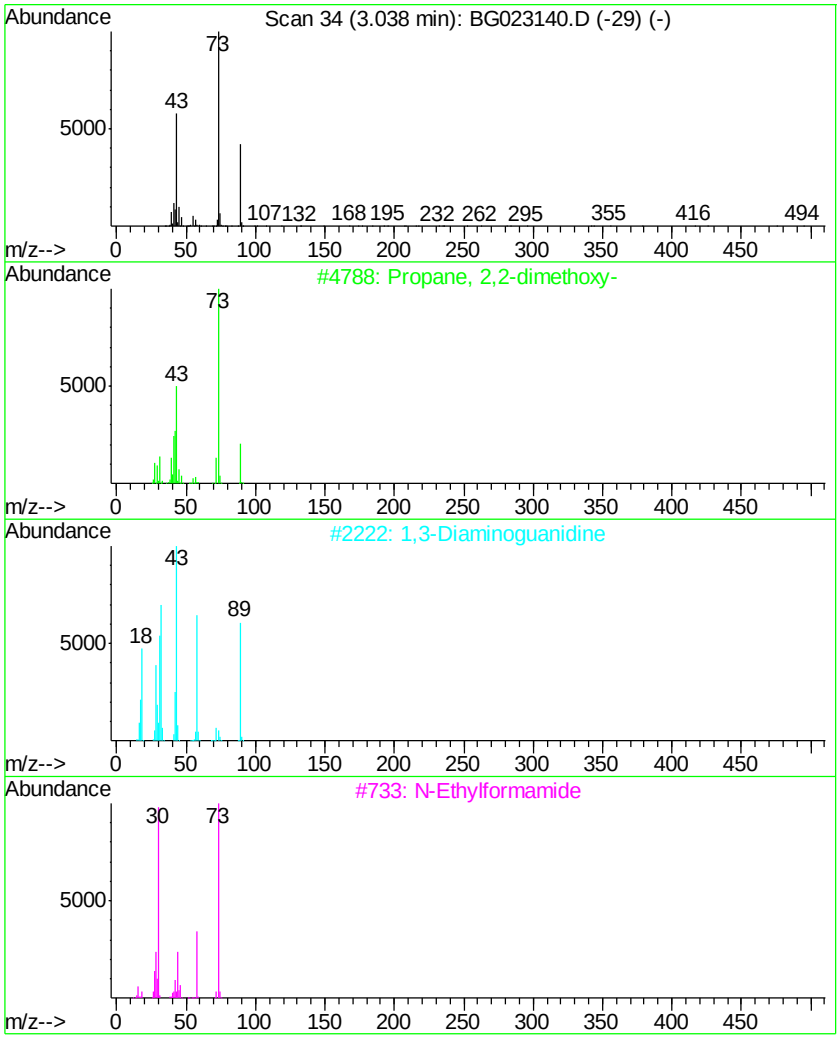
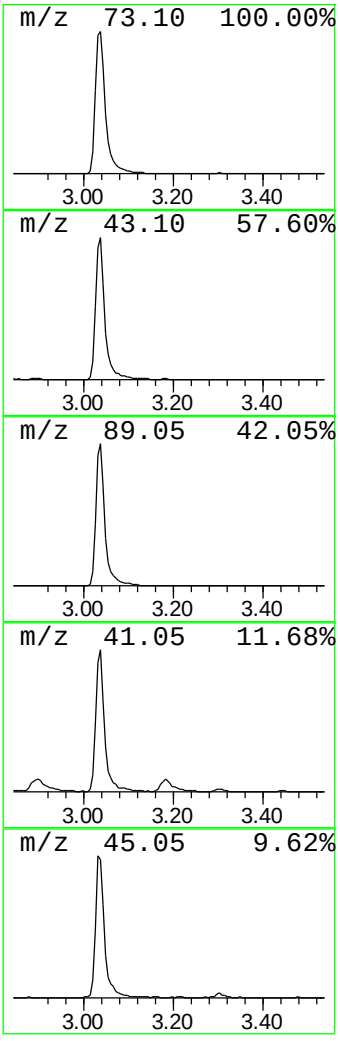
Peak Number 2 unknown3.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	243.63 ng	7069020	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	42
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	25
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023140.D
Acq On : 16 Jul 2016 10:18
Operator : UM/SJ
Sample : H3951-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LSS-SB-SB02(11-13ft)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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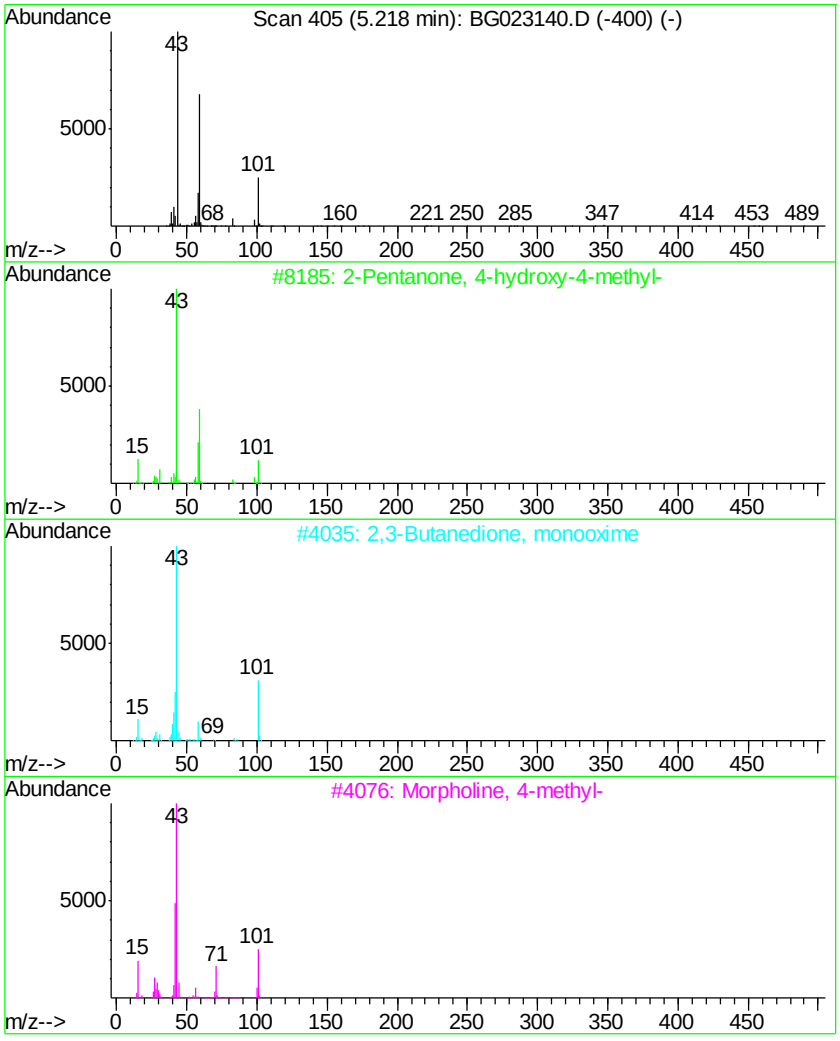
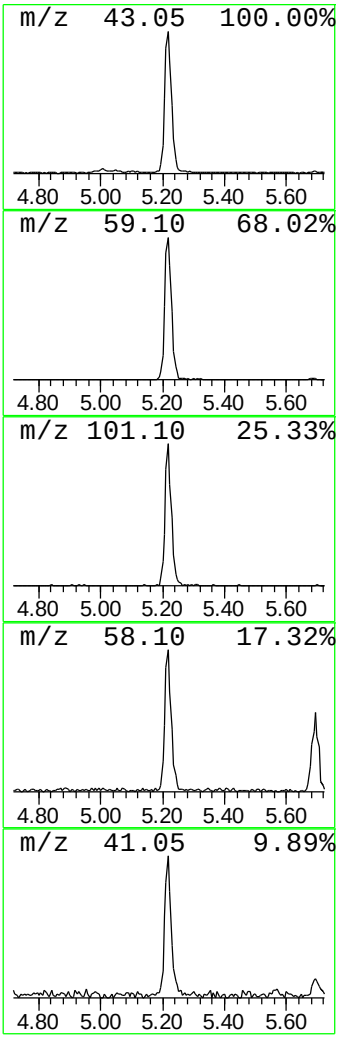
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	19.96 ng	579205	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023140.D
Acq On : 16 Jul 2016 10:18
Operator : UM/SJ
Sample : H3951-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LSS-SB-SB02(11-13ft)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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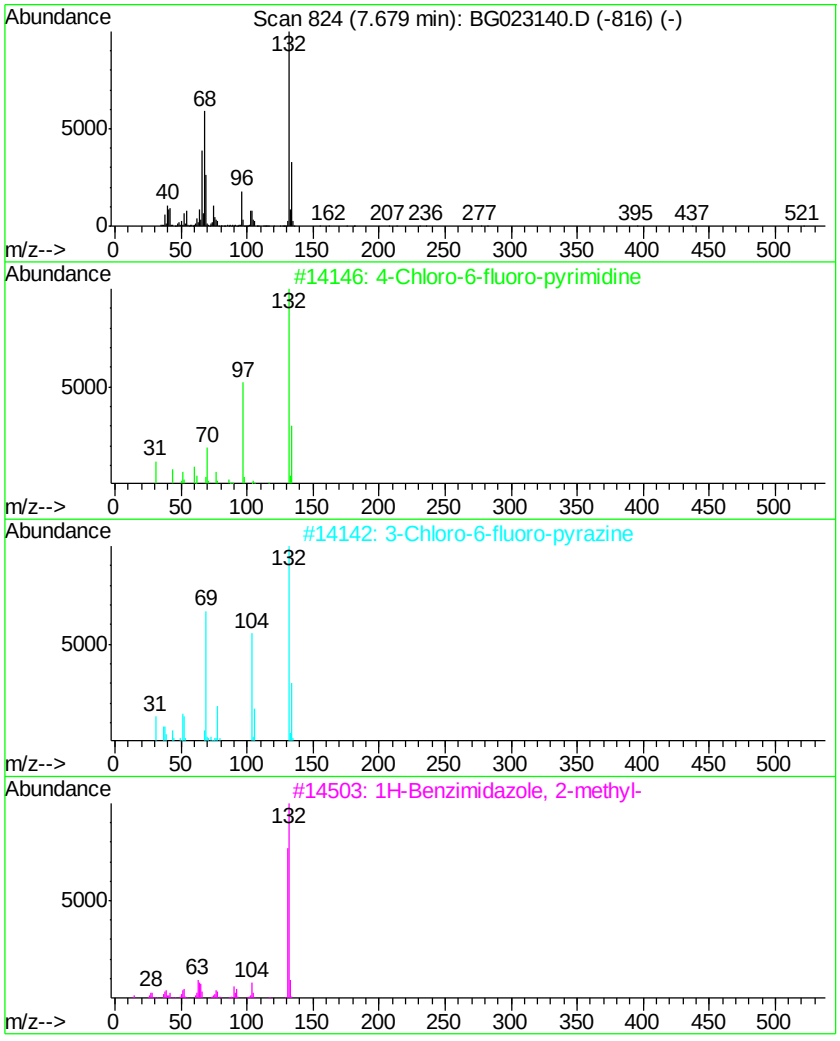
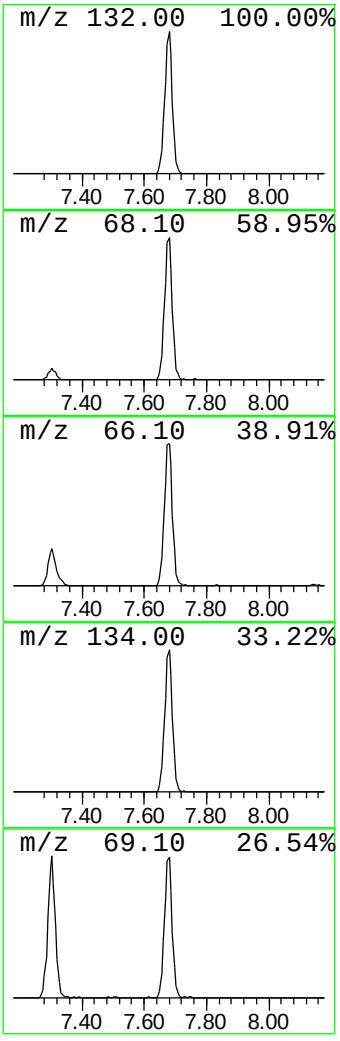
Peak Number 5 unknown7.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	122.95 ng	3567280	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
4	5-Aminoindole	132	C8H8N2	005192-03-0	14
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023140.D
Acq On : 16 Jul 2016 10:18
Operator : UM/SJ
Sample : H3951-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LSS-SB-SB02(11-13ft)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

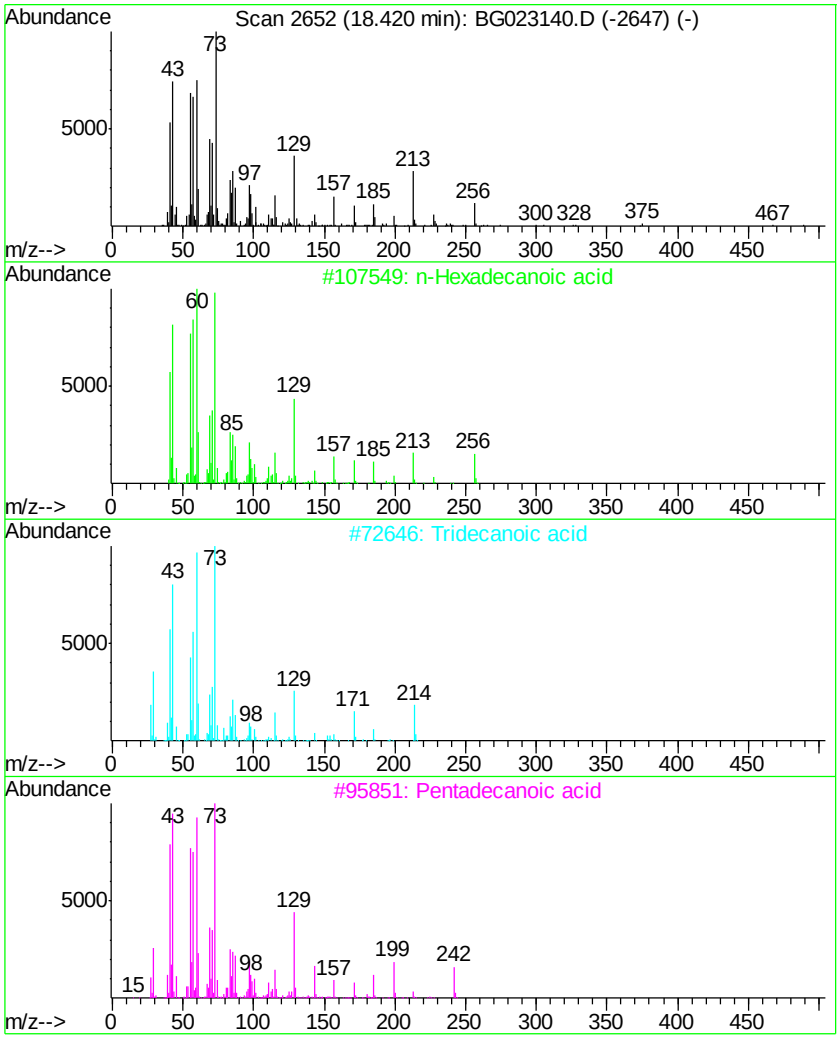
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

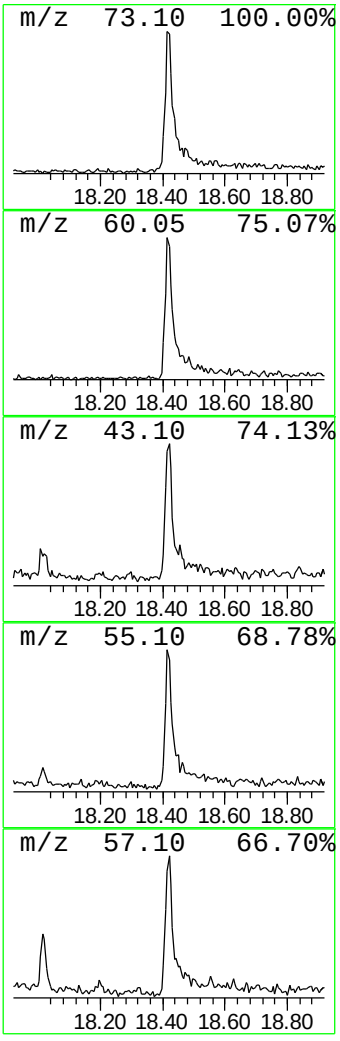
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	7.47 ng	767743	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Dodecanoic acid	200	C12H24O2	000143-07-7	68
5	Undecanoic acid	186	C11H22O2	000112-37-8	43





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Data File : BG023140.D
Acq On : 16 Jul 2016 10:18
Operator : UM/SJ
Sample : H3951-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LSS-SB-SB02(11-13ft)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

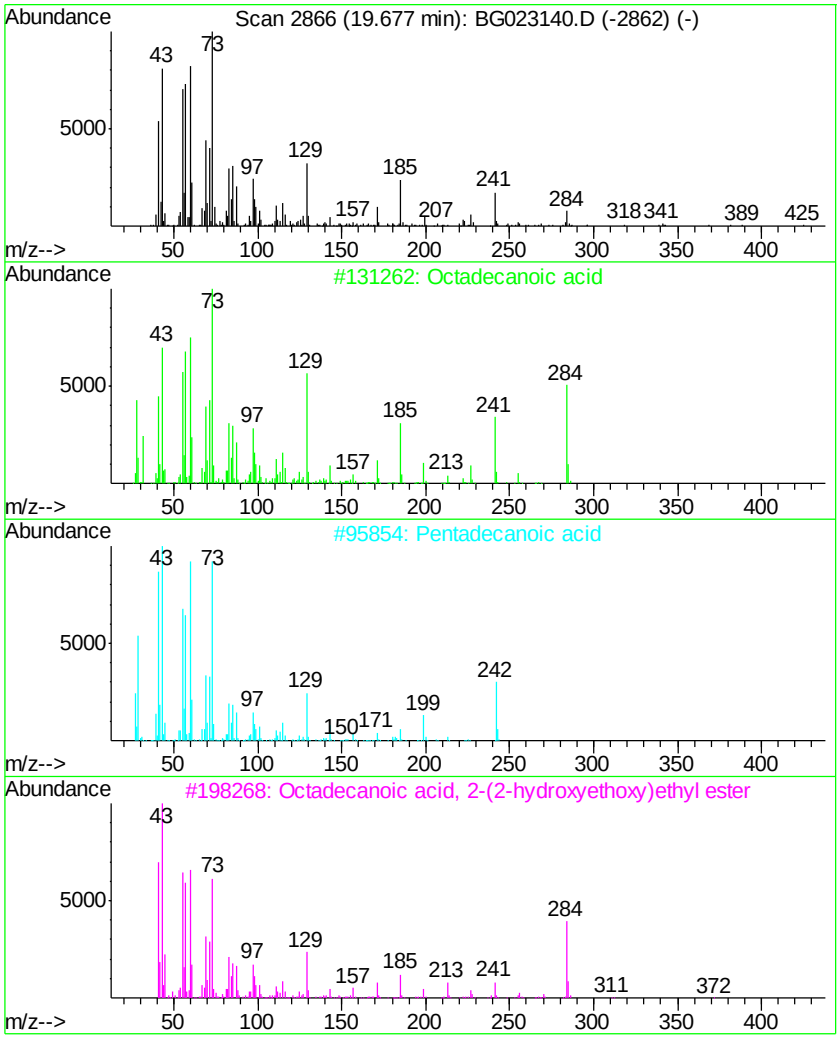
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

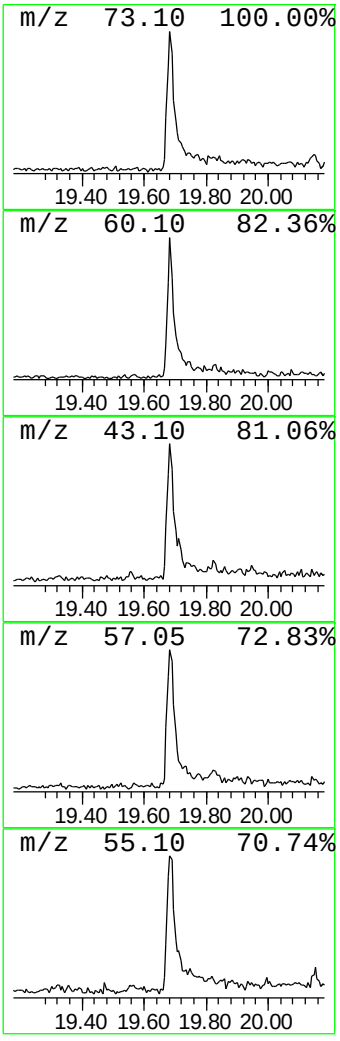
****

Peak Number 8 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	10.59 ng	1088670	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Dodecanoic acid	200	C12H24O2	000143-07-7	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023140.D
Acq On : 16 Jul 2016 10:18
Operator : UM/SJ
Sample : H3951-06
Misc :
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Instrument : BNA_G
ClientSampleId : LSS-SB-SB02(11-13ft)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.90	2.90	11.9	ng	345182	1	8.15	580304	20.0
unknown3.04	3.04	243.6	ng	7069020	1	8.15	580304	20.0
2-Pentanone, 4-hy...	5.22	20.0	ng	579205	1	8.15	580304	20.0
unknown7.68	7.68	123.0	ng	3567280	1	8.15	580304	20.0
n-Hexadecanoic acid	18.42	7.5	ng	767743	4	17.55	2055410	20.0
Octadecanoic acid	19.68	10.6	ng	1088670	4	17.55	2055410	20.0