LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
Data File : BG023060.D
Acq On : 13 Jul 2016 7:28
Operator : UM/SJ
Sample : H3981-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C4.3-01

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	3.040	29	34	42	rBV	252273	334387	2.89%	0.557%
2	5.220	399	405	412	rBV	236046	378370	3.27%	0.631%
3	5.695	478	486	498	rBV	2336500	3864308	33.41%	6.441%
4	7.311	752	761	772	rBV	2716667	4981393	43.07%	8.303%
5	7.681	816	824	835	rBV	2533635	4455658	38.53%	7.426%
6	8.151	898	904	914	rVB	355325	616921	5.33%	1.028%
7	8.480	949	960	968	rVB	1730261	3067263	26.52%	5.112%
8	9.326	1094	1104	1113	rBV	1770030	3155407	27.28%	5.259%
9	10.977	1377	1385	1393	rBV	547546	1015450	8.78%	1.692%
10	13.422	1790	1801	1816	rBV	4877252	7991873	69.10%	13.320%
11	14.238	1934	1940	1947	rBV	1186995	1752750	15.15%	2.921%
12	14.802	2028	2036	2043	rBV2	1042071	1733590	14.99%	2.889%
13	16.295	2283	2290	2301	rBV	4718343	7246612	62.66%	12.078%
14	17.558	2498	2505	2513	rBV2	1334617	2105015	18.20%	3.508%
15	17.922	2560	2567	2576	rBV5	133243	284183	2.46%	0.474%
16	18.428	2648	2653	2660	rBV2	230772	345201	2.98%	0.575%
17	19.691	2864	2868	2873	rBV4	118830	150152	1.30%	0.250%
18	20.161	2942	2948	2959	rBV	8309167	11565523	100.00%	19.277%
19	21.477	3167	3172	3179	rBV5	162171	322961	2.79%	0.538%
20	21.865	3231	3238	3245	rBV	1390731	2375469	20.54%	3.959%
21	25.255	3804	3815	3828	rVB2	738861	2255445	19.50%	3.759%

Sum of corrected areas: 59997931

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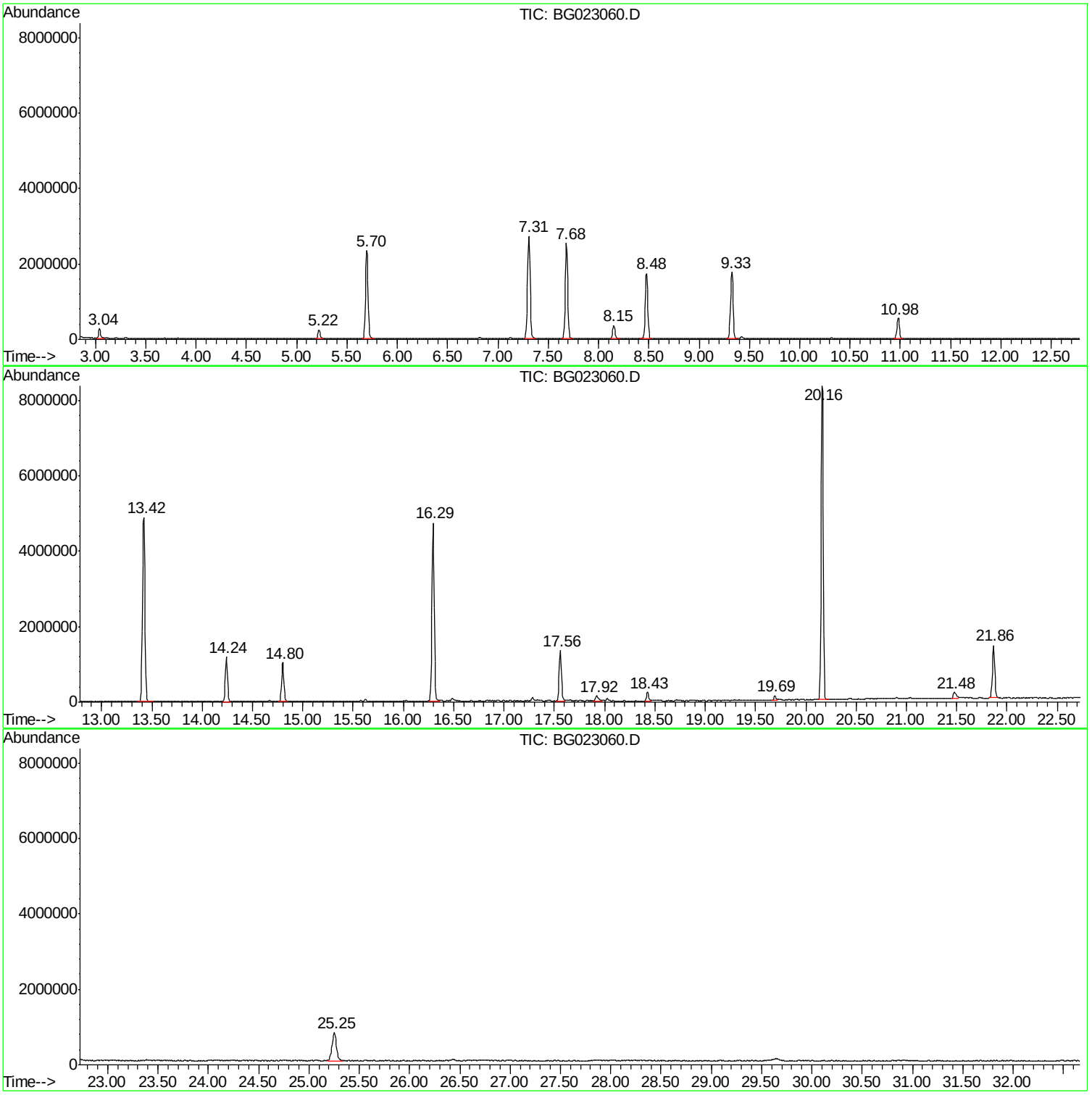
Instrument :
BNA_G
ClientSampleId :
C4.3-01

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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Acq On : 13 Jul 2016 7:28
Operator : UM/SJ
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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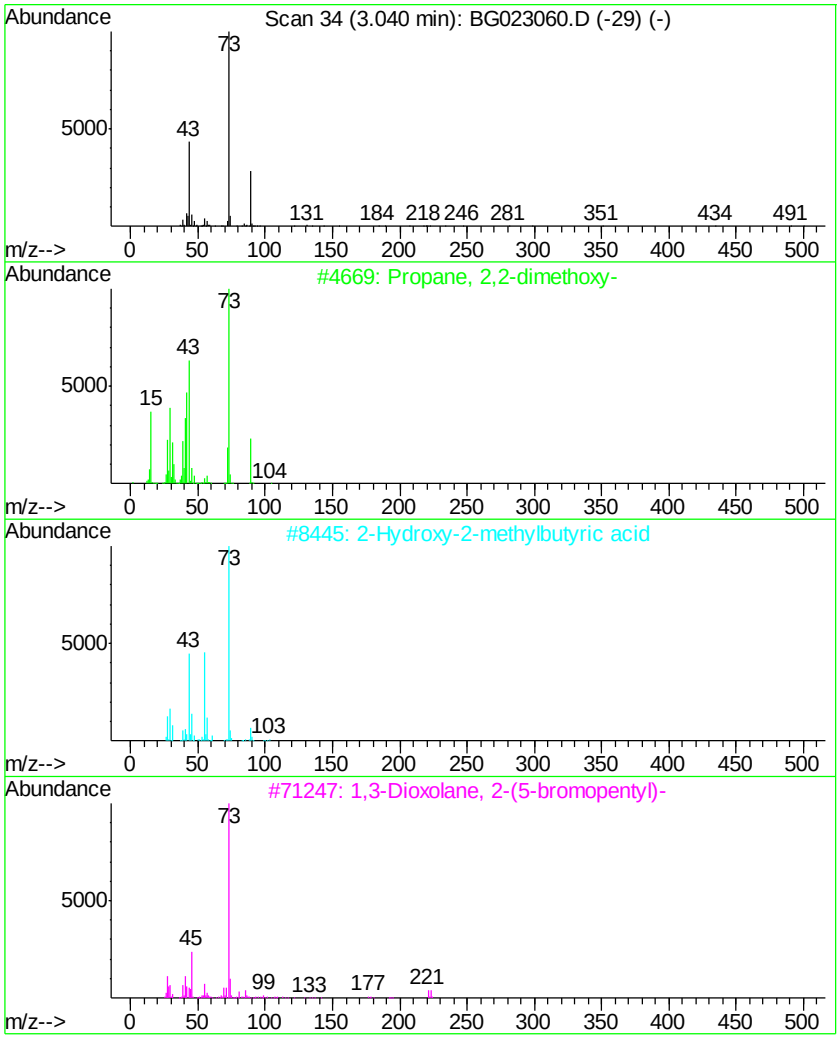
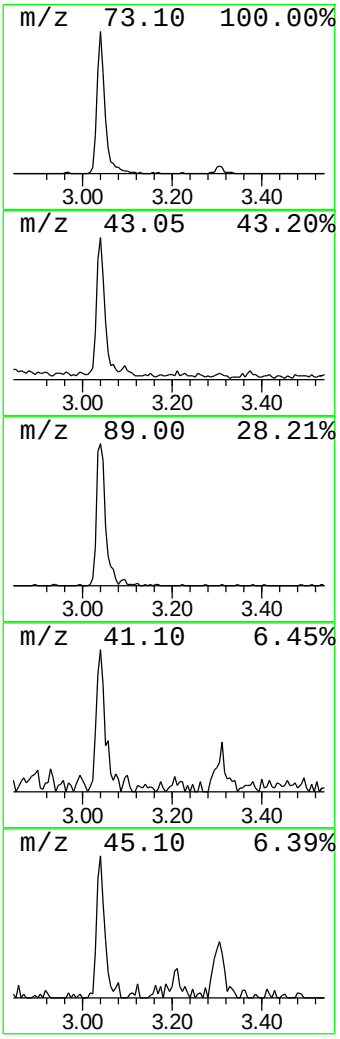
Peak Number 1 unknown3.04 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	10.84 ng	334387	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	38
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	25
3	1,3-Dioxolane, 2-(5-bromopentyl)-	222	C8H15BrO2	056741-68-5	9
4	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





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Sample : H3981-09
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Instrument : BNA_G
ClientSampleId : C4.3-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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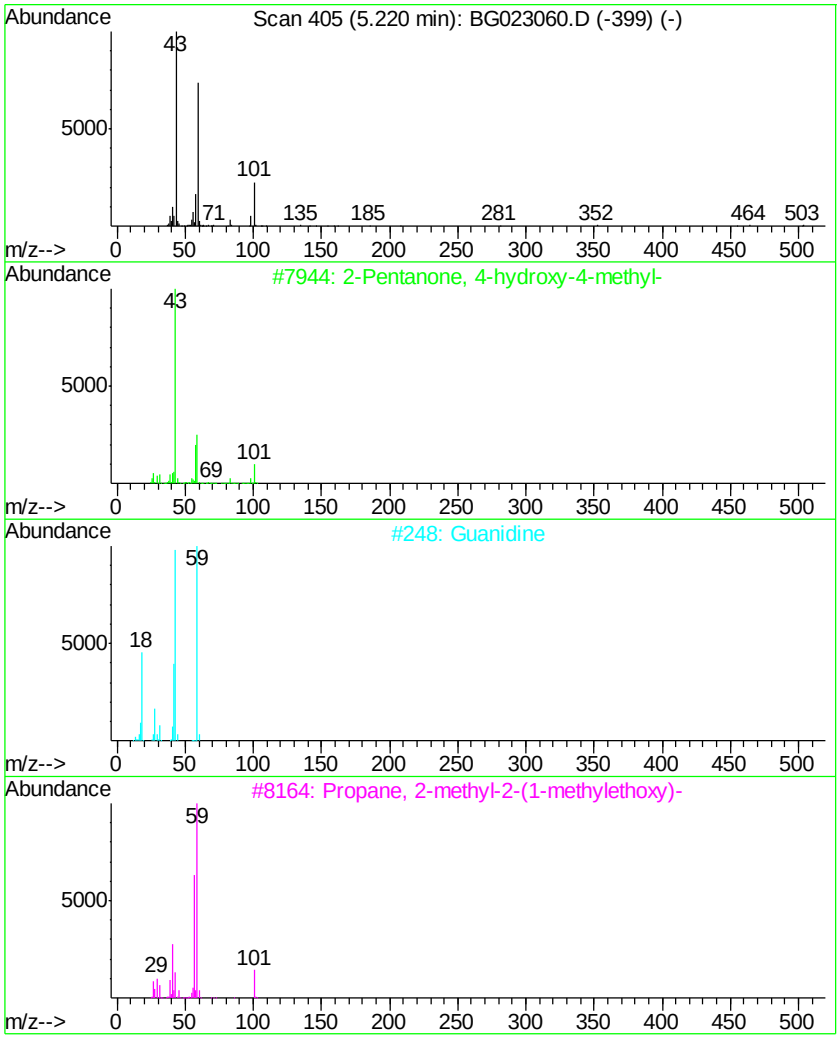
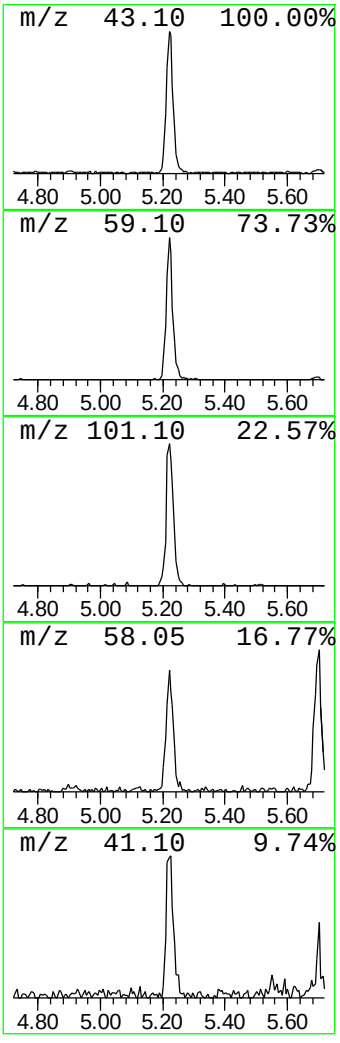
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	12.27 ng	378370	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	72
2	Guanidine	59	CH5N3	000113-00-8	50
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	38
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	38





Library Search Compound Report

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Acq On : 13 Jul 2016 7:28
Operator : UM/SJ
Sample : H3981-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C4.3-01

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
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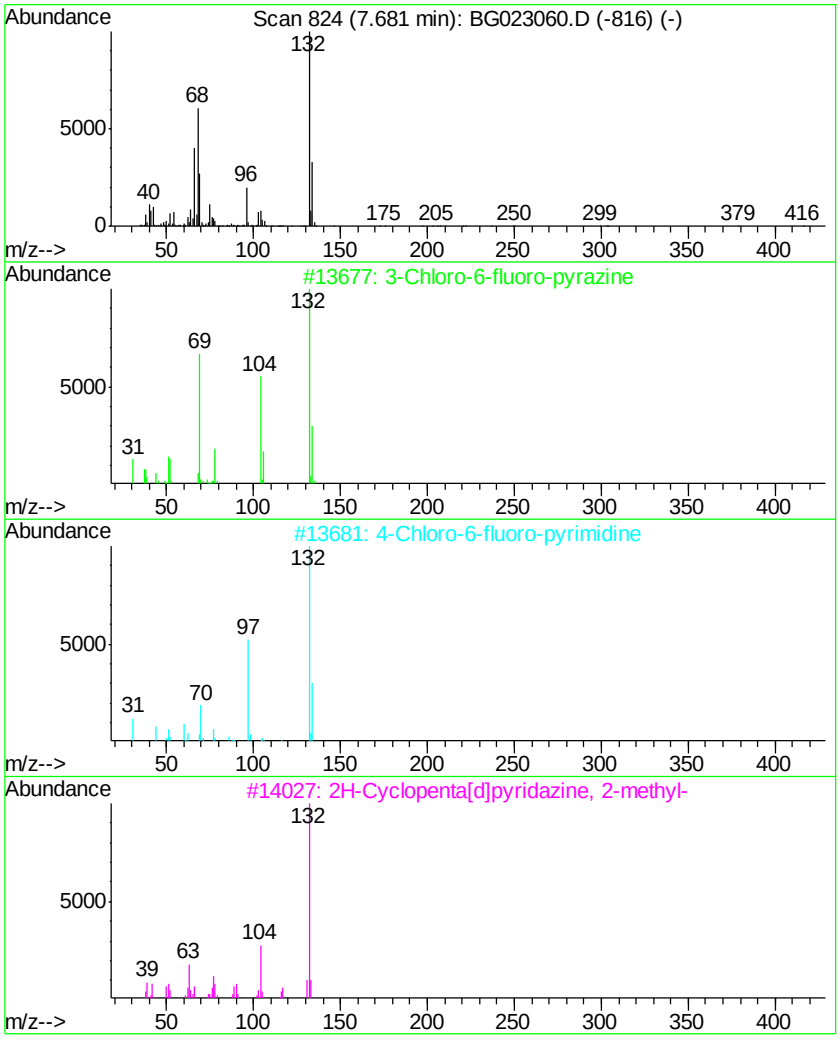
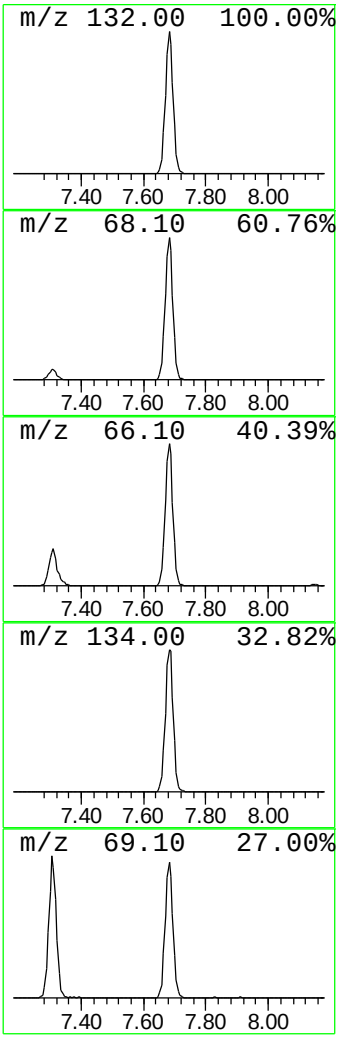
Peak Number 3 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	144.45 ng	4455660	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	14
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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Instrument : BNA_G
ClientSampleId : C4.3-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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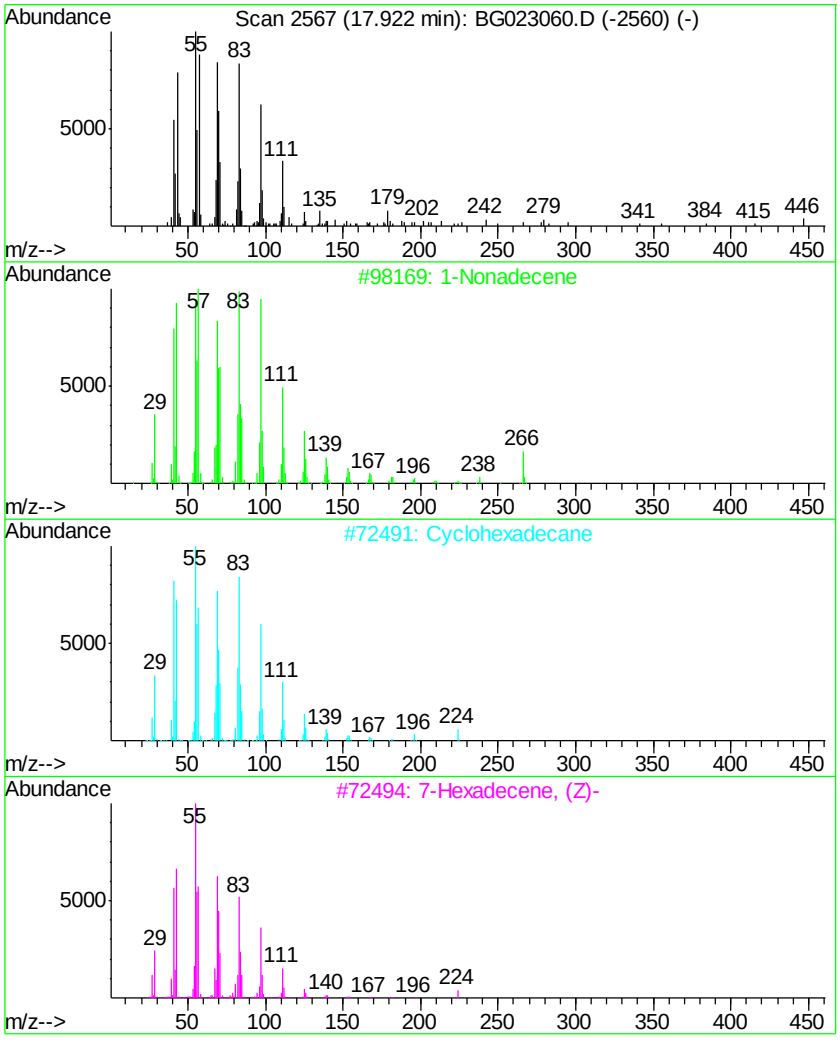
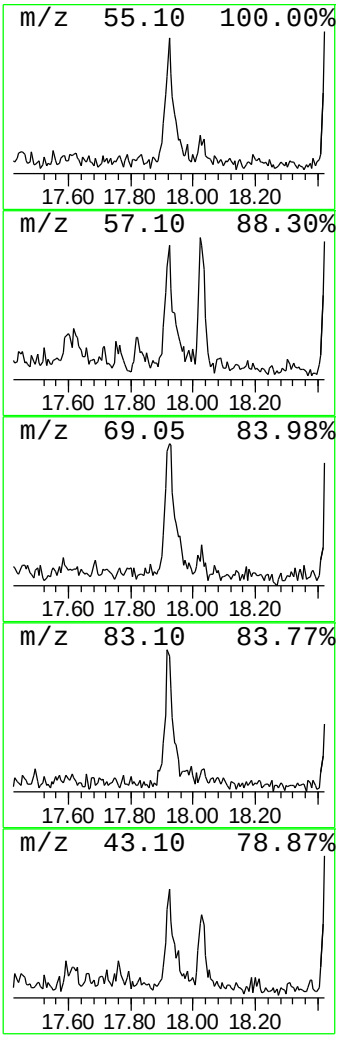
Peak Number 5 1-Nonadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.70 ng	284183	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	94
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	94
4	Cyclotetradecane	196	C14H28	000295-17-0	91
5	7-Heptadecene, 1-chloro-	272	C17H33Cl	056554-78-0	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
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ClientSampleId : C4.3-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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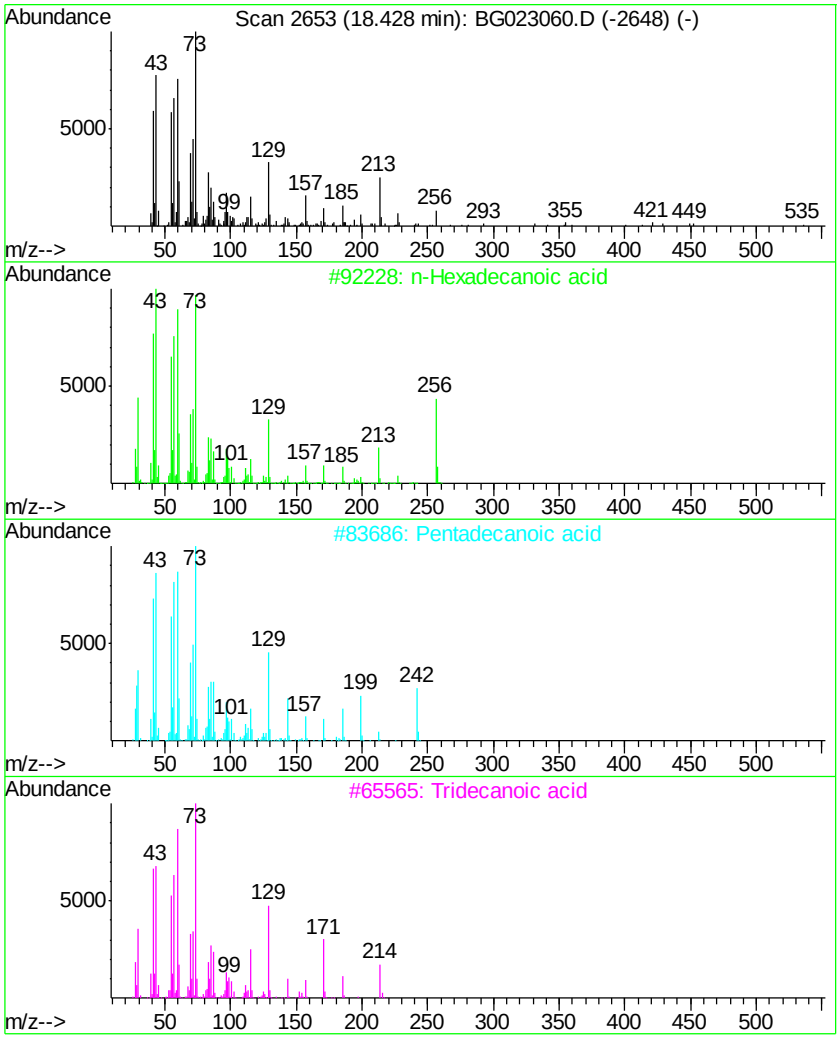
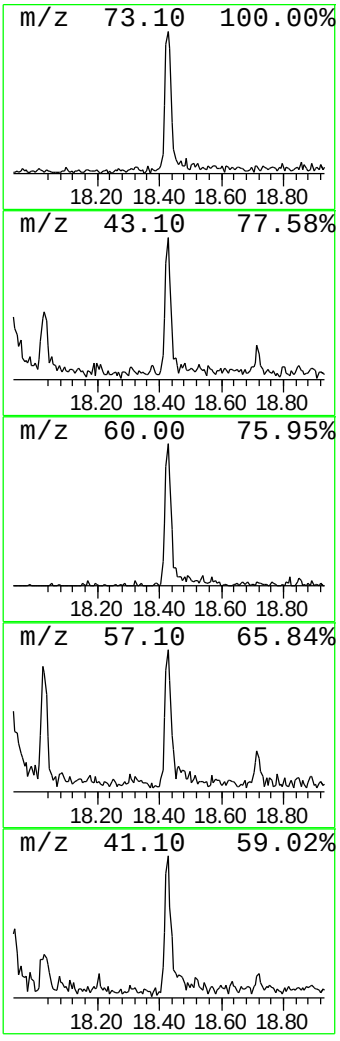
Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	3.28 ng	345201	Phenanthrene-d10	17.56

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	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	.beta.-D-Glucopyranose	180	C6H12O6	000492-61-5	43





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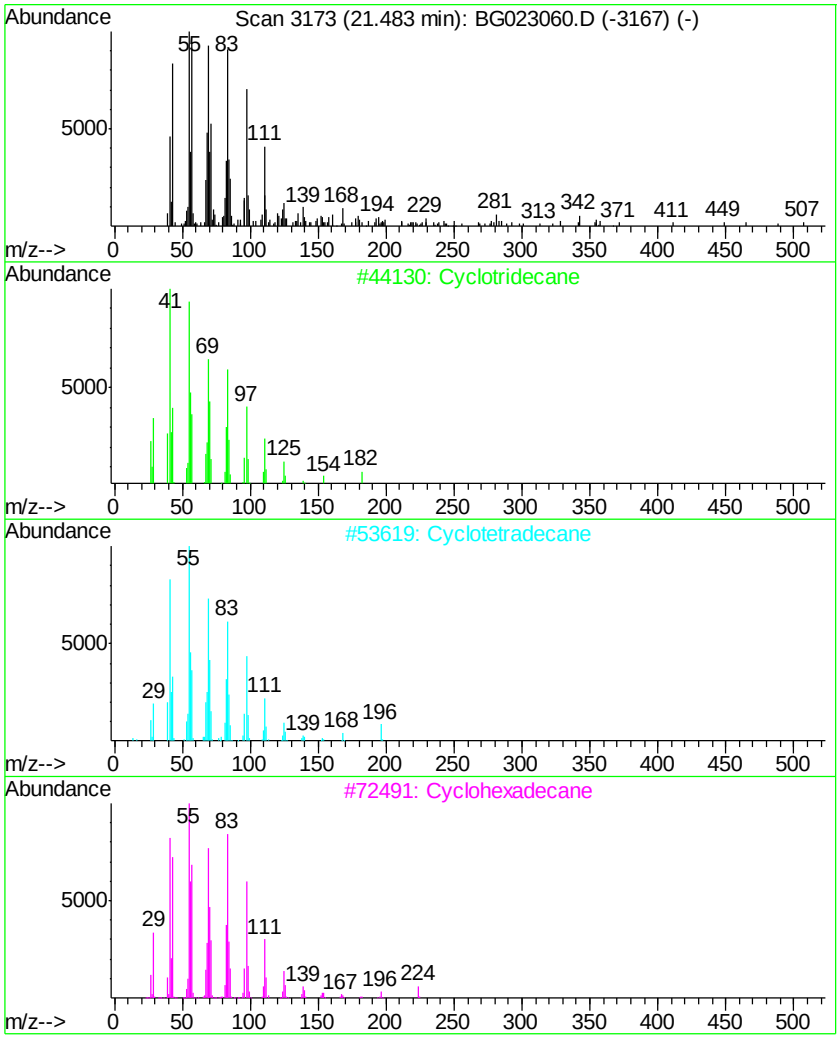
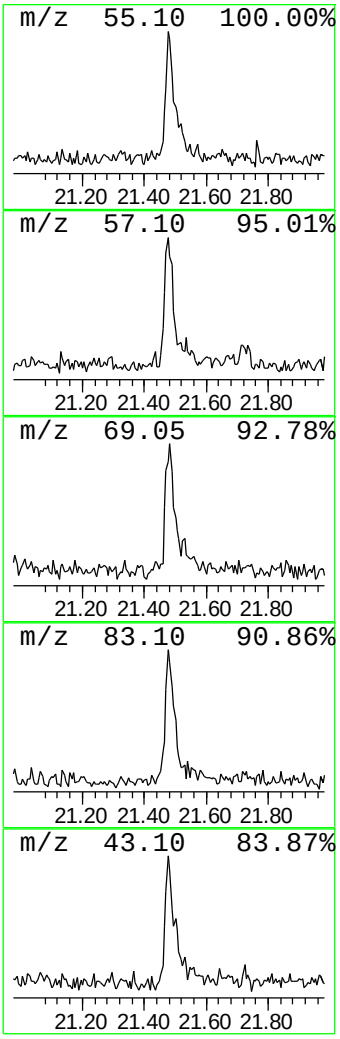
Peak Number 7 Cyclotridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.48	2.72 ng	322961	Chrysene-d12	21.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotridecane	182	C13H26	000295-02-3	95
2	Cyclotetradecane	196	C14H28	000295-17-0	93
3	Cyclohexadecane	224	C16H32	000295-65-8	93
4	1-Tetracosanol	354	C24H50O	000506-51-4	90
5	1-Hexacosanol	382	C26H54O	000506-52-5	90





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.04	3.04	10.8	ng	334387	1	8.15	616921	20.0
2-Pentanone, 4-hy...	5.22	12.3	ng	378370	1	8.15	616921	20.0
unknown7.68	7.68	144.4	ng	4455660	1	8.15	616921	20.0
1-Nonadecene	17.92	2.7	ng	284183	4	17.56	2105020	20.0
n-Hexadecanoic acid	18.43	3.3	ng	345201	4	17.56	2105020	20.0
Cyclotridecane	21.48	2.7	ng	322961	5	21.86	2375470	20.0