LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
Data File : BG023373.D
Acq On : 31 Jul 2016 18:17
Operator : UM/SJ
Sample : H4285-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AB-SLOPE(0-4)R

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-BG072616.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	2.997	22	27	42	rBV	4198548	6517581	65.17%	8.994%
2	5.188	394	400	411	rVB	884374	1351116	13.51%	1.864%
3	5.664	469	481	493	rBV	2958700	4842696	48.42%	6.683%
4	7.279	748	756	768	rBV	3199925	5618770	56.18%	7.754%
5	7.655	809	820	833	rBV	2955815	5272651	52.72%	7.276%
6	8.125	891	900	908	rBV	516693	907469	9.07%	1.252%
7	8.448	947	955	965	rBV	2004687	3483306	34.83%	4.807%
8	9.300	1091	1100	1108	rBV	1849082	3412853	34.12%	4.710%
9	10.956	1373	1382	1391	rBV	791133	1458385	14.58%	2.012%
10	13.400	1789	1798	1807	rBV	4676008	7513421	75.12%	10.368%
11	14.223	1932	1938	1945	rBV	921162	1378900	13.79%	1.903%
12	14.786	2027	2034	2043	rVB2	1392831	2324387	23.24%	3.207%
13	15.609	2169	2174	2180	rVB	128613	178721	1.79%	0.247%
14	16.279	2282	2288	2299	rBV	4538919	6996473	69.95%	9.655%
15	16.472	2316	2321	2331	rBV2	180145	313506	3.13%	0.433%
16	17.271	2452	2457	2461	rBV	103249	140203	1.40%	0.193%
17	17.542	2497	2503	2516	rBV2	2006402	3174695	31.74%	4.381%
18	18.417	2645	2652	2661	rBV	387753	664207	6.64%	0.917%
19	19.680	2864	2867	2878	rBV3	162039	283979	2.84%	0.392%
20	20.156	2941	2948	2953	rBV	7279548	10001423	100.00%	13.801%
21	21.477	3166	3173	3188	rBV7	133644	523797	5.24%	0.723%
22	21.859	3231	3238	3248	rVB	1839658	3065701	30.65%	4.230%
23	25.237	3799	3813	3827	rVB3	961073	3043054	30.43%	4.199%

Sum of corrected areas: 72467294

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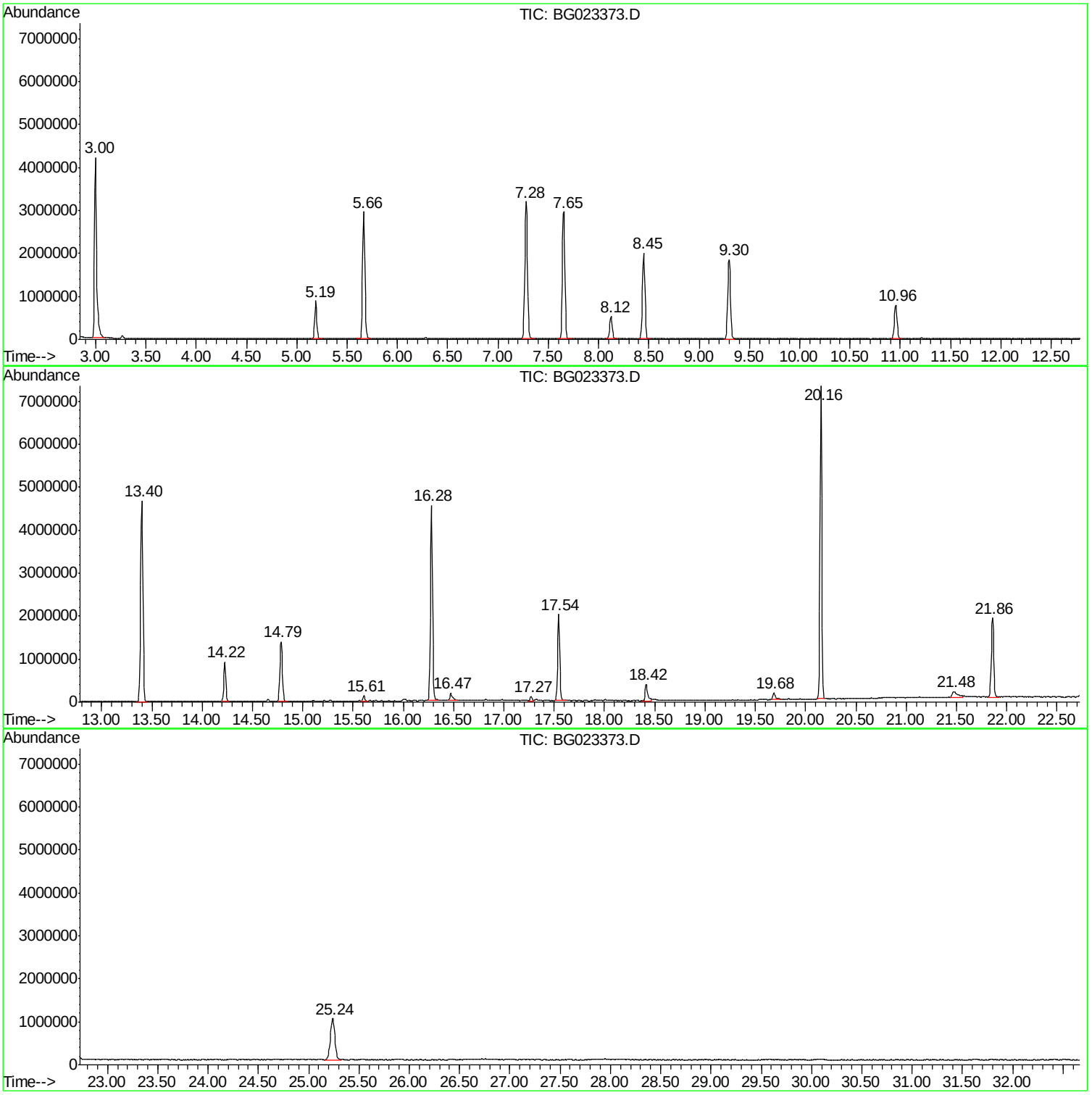
Instrument :
BNA_G
ClientSampleId :
AB-SLOPE(0-4)R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
Data File : BG023373.D
Acq On : 31 Jul 2016 18:17
Operator : UM/SJ
Sample : H4285-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AB-SLOPE(0-4)R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.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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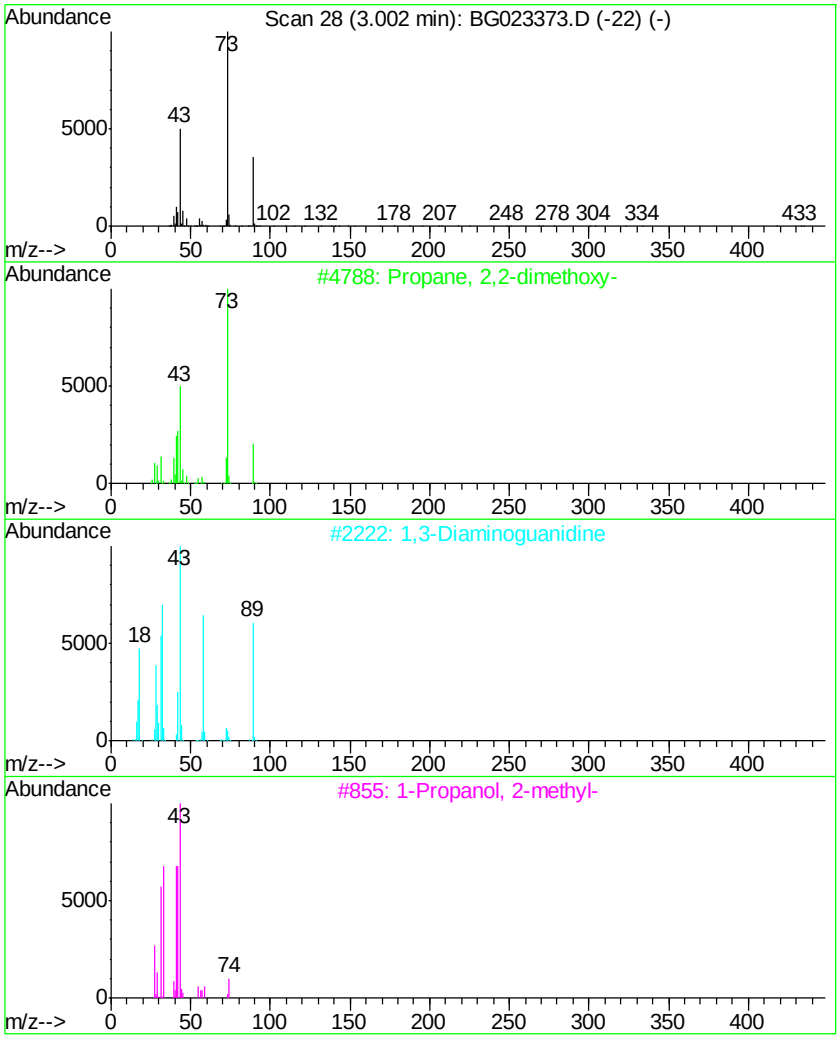
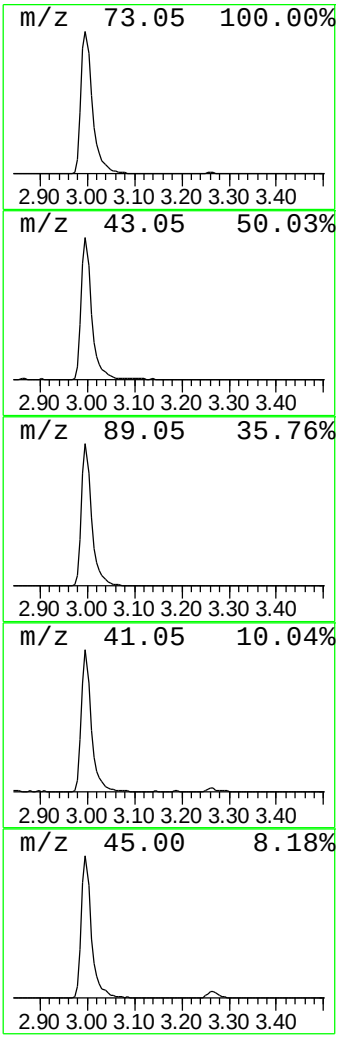
Peak Number 1 unknown3.00 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	143.64 ng	6517580	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	36
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	25
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1-Propanol, 2-methyl-2-nitro-	119	C4H9NO3	000076-39-1	9





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Sample : H4285-15
Misc :
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Instrument : BNA_G
ClientSampleId : AB-SLOPE(0-4)R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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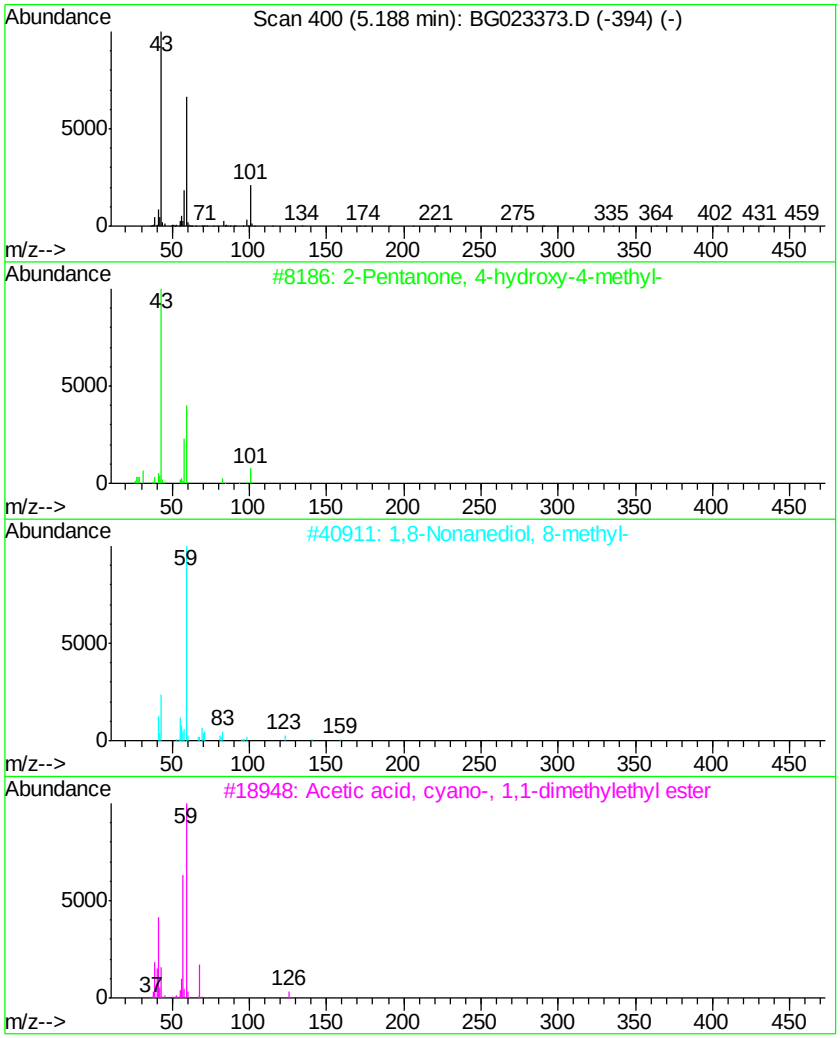
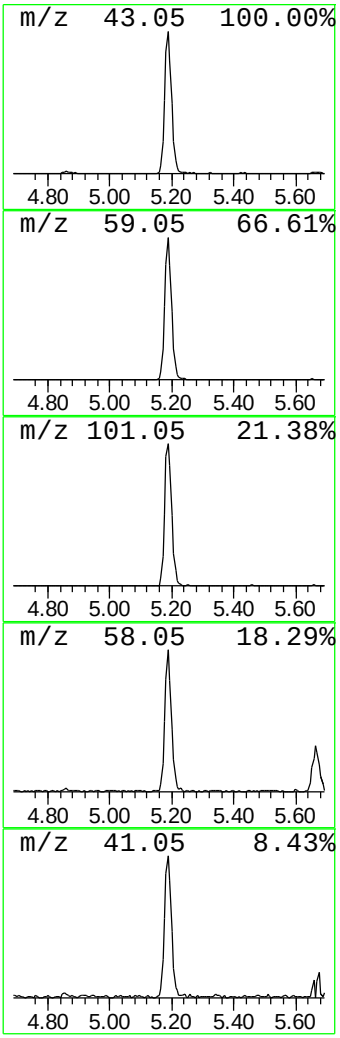
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	29.78 ng	1351120	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Guanidine	59	CH5N3	000113-00-8	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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Acq On : 31 Jul 2016 18:17
Operator : UM/SJ
Sample : H4285-15
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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AB-SLOPE(0-4)R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
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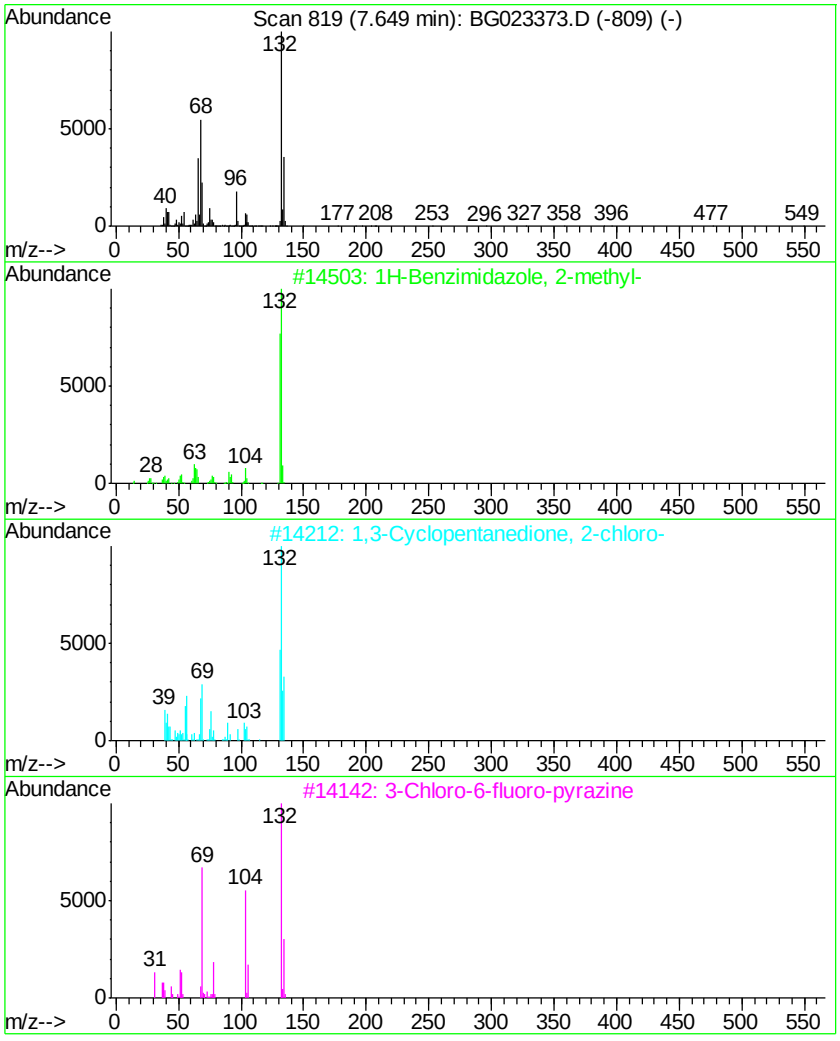
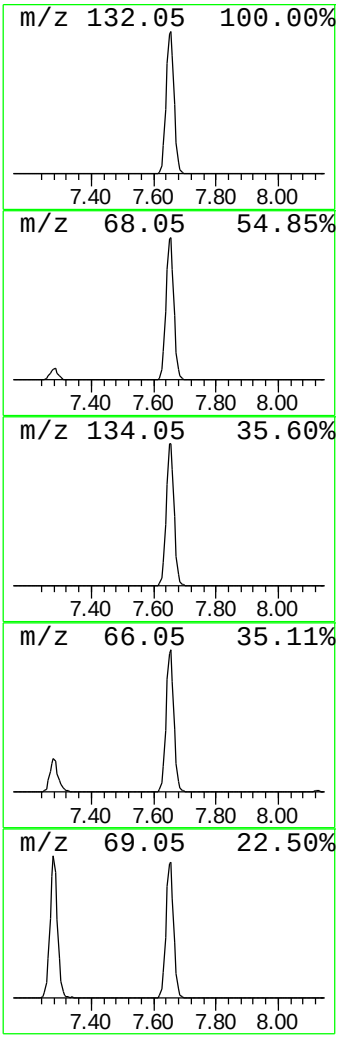
Peak Number 3 unknown7.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	116.21 ng	5272650	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
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	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AB-SLOPE(0-4)R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
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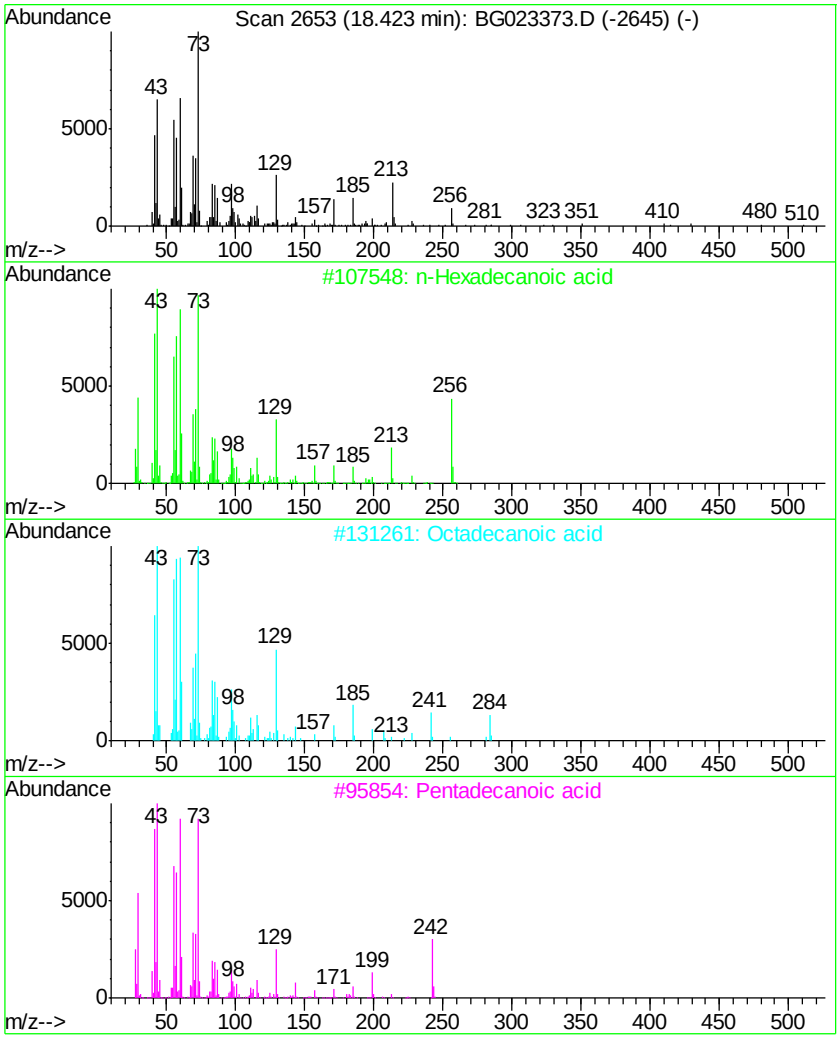
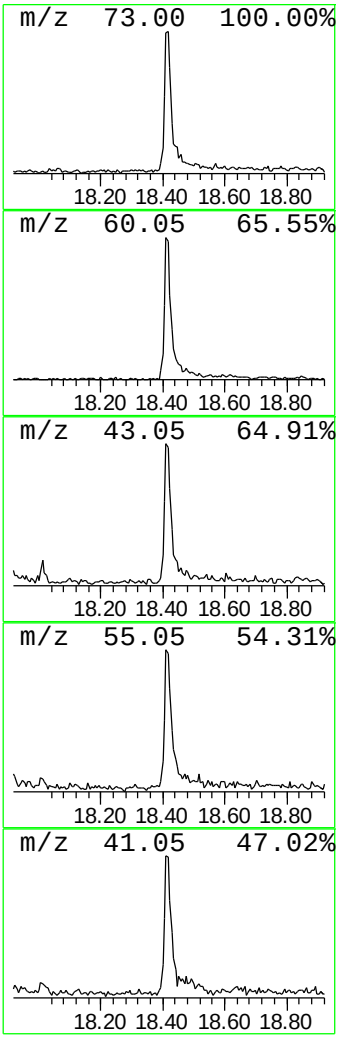
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	4.18 ng	664207	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Nonanoic acid	158	C9H18O2	000112-05-0	46





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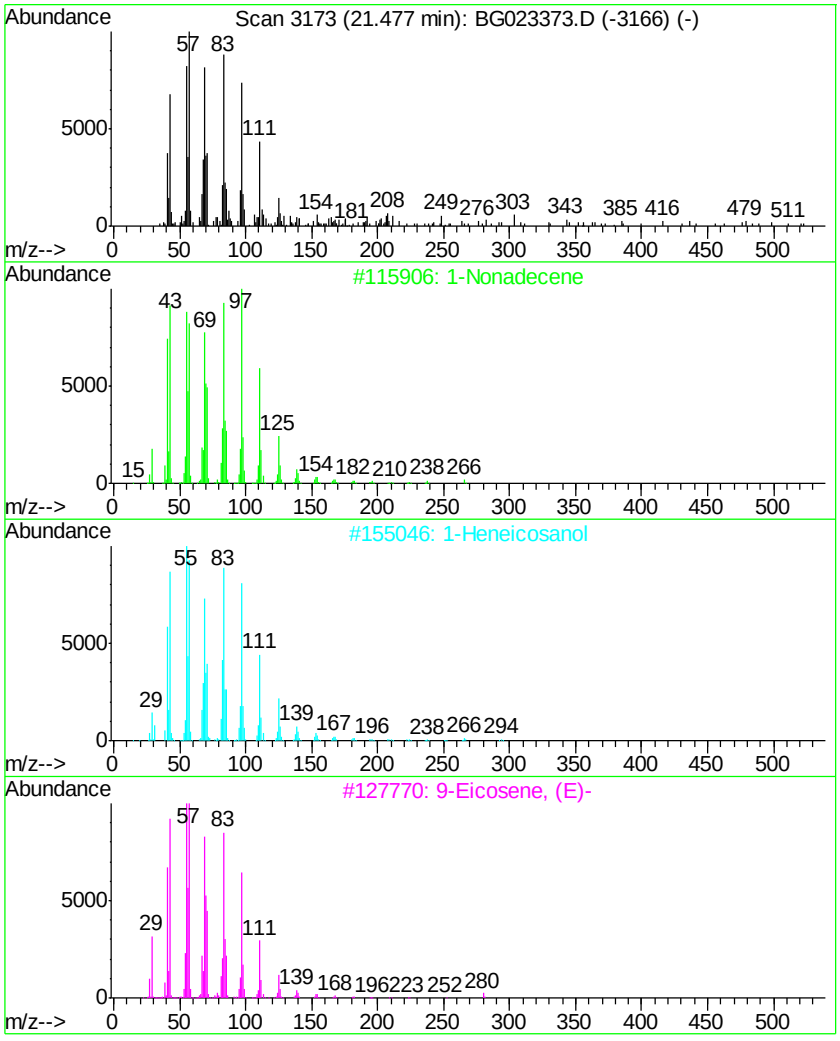
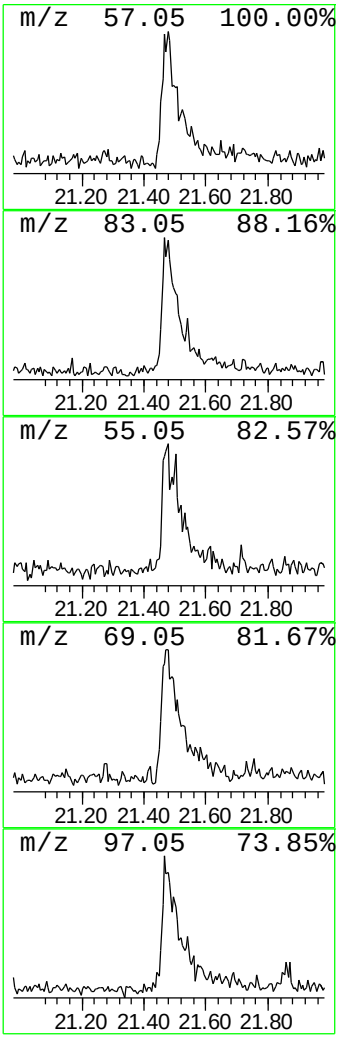
Peak Number 6 1-Nonadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.48	3.42 ng	523797	Chrysene-d12	21.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	1-Heneicosanol	312	C21H44O	015594-90-8	87
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	87
4	1-Heptadecene	238	C17H34	006765-39-5	83
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	68





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
unknown3.00	3.00	143.6	ng	6517580	1	8.12	907469	20.0
2-Pentanone, 4-hy...	5.19	29.8	ng	1351120	1	8.12	907469	20.0
unknown7.65	7.65	116.2	ng	5272650	1	8.12	907469	20.0
n-Hexadecanoic acid	18.42	4.2	ng	664207	4	17.54	3174700	20.0
1-Nonadecene	21.48	3.4	ng	523797	5	21.86	3065700	20.0