LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
Data File : BG023371.D
Acq On : 31 Jul 2016 16:56
Operator : UM/SJ
Sample : H4285-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

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	2.996	22	27	40	rVB	829899	1249742	12.24%	1.762%
2	5.188	394	400	410	rBV	864396	1348195	13.20%	1.900%
3	5.663	474	481	493	rBV	2935712	4897654	47.95%	6.903%
4	7.279	748	756	772	rBV	3290948	5835088	57.13%	8.225%
5	7.655	812	820	830	rBV	2992977	5346871	52.35%	7.537%
6	8.125	893	900	908	rVB	507338	887028	8.68%	1.250%
7	8.448	948	955	963	rBV	2050255	3560727	34.86%	5.019%
8	9.300	1091	1100	1111	rBV	1966603	3565661	34.91%	5.026%
9	10.956	1374	1382	1392	rBV	816392	1468413	14.38%	2.070%
10	13.400	1791	1798	1805	rBV	4853325	7625583	74.66%	10.749%
11	14.228	1933	1939	1945	rBV	848663	1278436	12.52%	1.802%
12	14.786	2026	2034	2042	rBV2	1524400	2416343	23.66%	3.406%
13	15.609	2169	2174	2179	rVB	158049	194851	1.91%	0.275%
14	16.014	2233	2243	2247	rBV3	51581	122521	1.20%	0.173%
15	16.284	2282	2289	2301	rVB	4864237	7484015	73.27%	10.549%
16	16.472	2316	2321	2329	rBV	181104	317913	3.11%	0.448%
17	17.271	2452	2457	2461	rBV	79087	104412	1.02%	0.147%
18	17.547	2497	2504	2511	rBV2	2213254	3458820	33.86%	4.875%
19	18.417	2647	2652	2664	rBV	926271	1405516	13.76%	1.981%
20	19.545	2839	2844	2846	rBV2	153771	208047	2.04%	0.293%
21	19.686	2863	2868	2881	rBV2	890204	1259260	12.33%	1.775%
22	20.156	2941	2948	2956	rBV	7595346	10213695	100.00%	14.397%
23	21.859	3231	3238	3248	rVB2	1920571	3288339	32.20%	4.635%
24	23.592	3528	3533	3540	rVB	102888	219226	2.15%	0.309%
25	25.243	3803	3814	3827	rVB3	1105973	3188605	31.22%	4.494%

Sum of corrected areas: 70944961

LSC Report - Integrated Chromatogram

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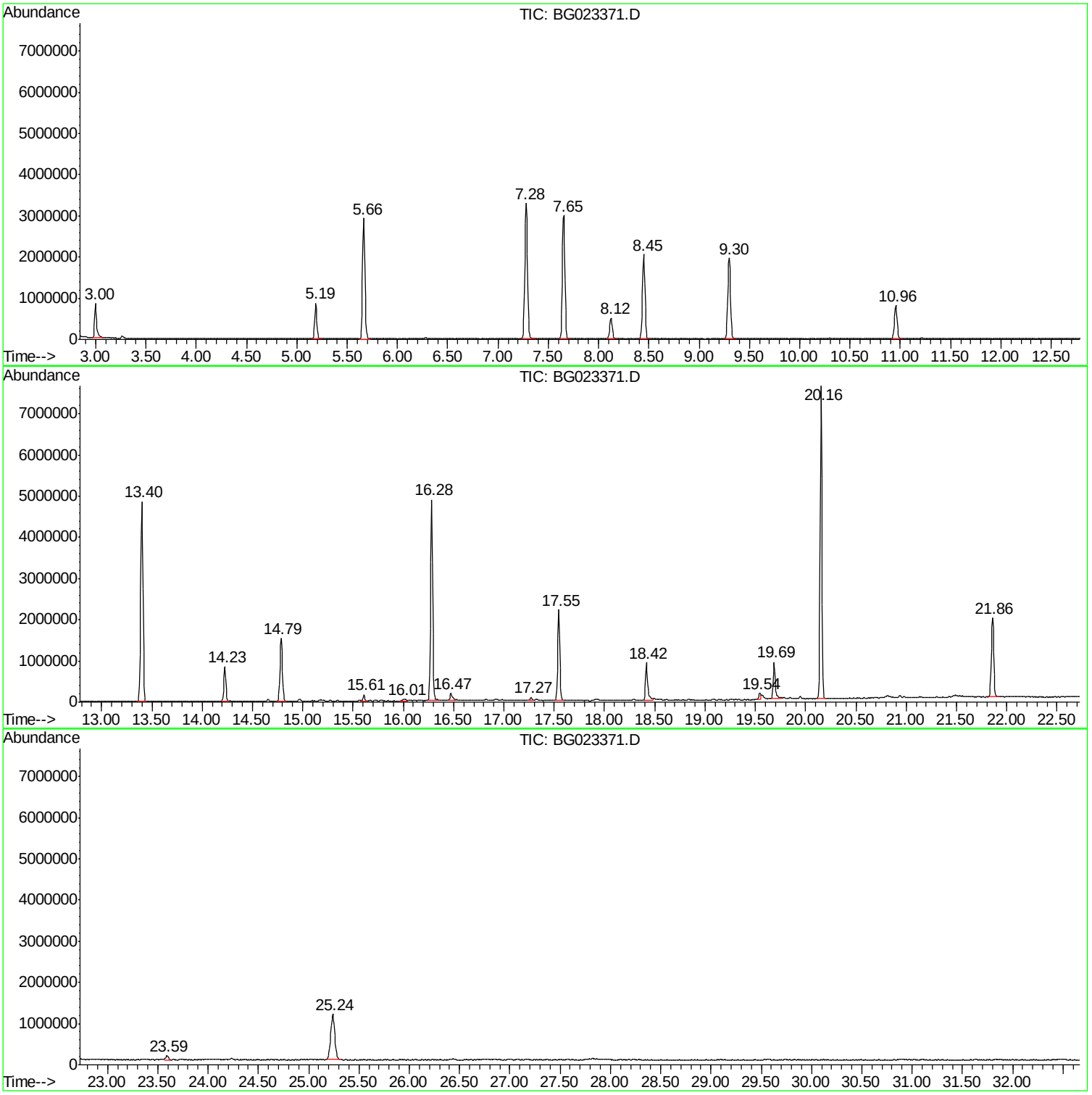
Instrument : BNA_G
ClientSampleId : AB-SLOPE(0-4)N

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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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
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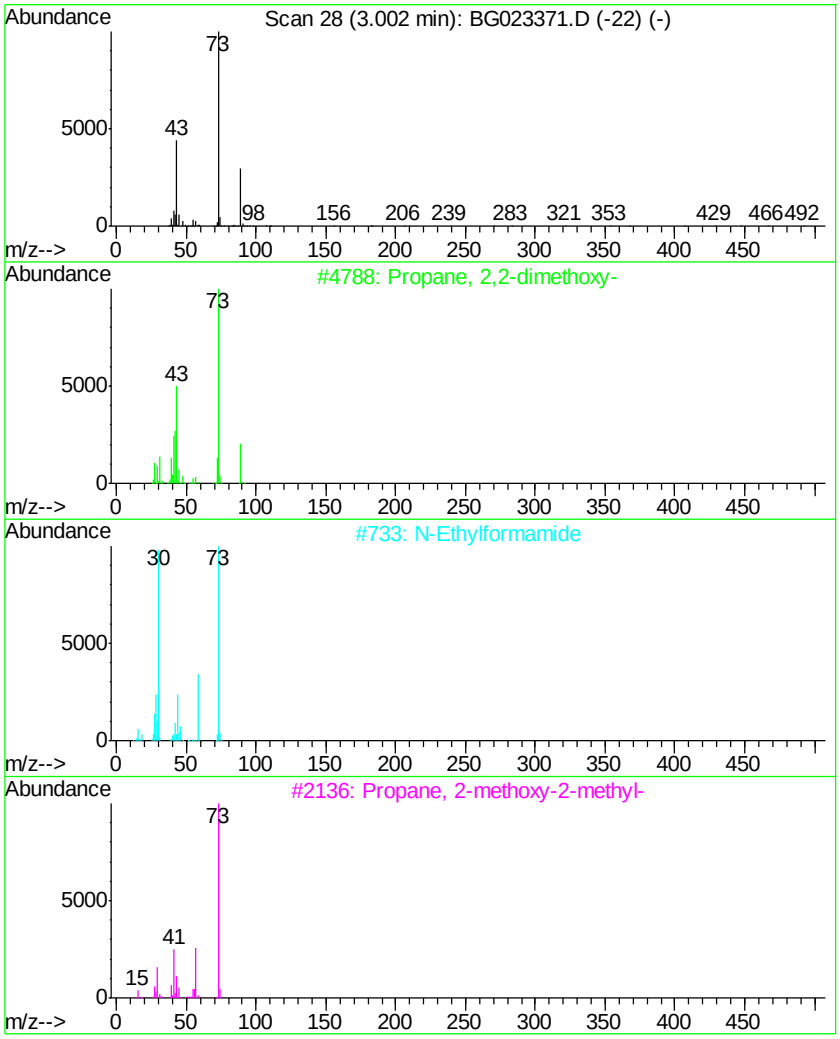
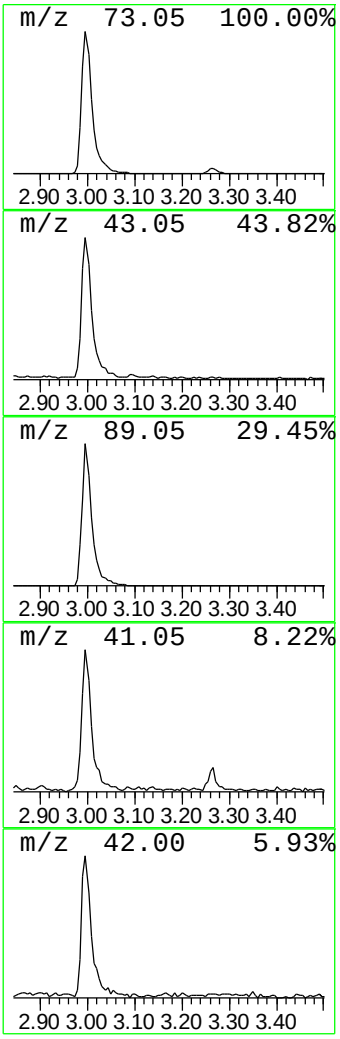
Peak Number 1 unknown3.00 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	28.18 ng	1249740	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	45
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





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Operator : UM/SJ
Sample : H4285-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

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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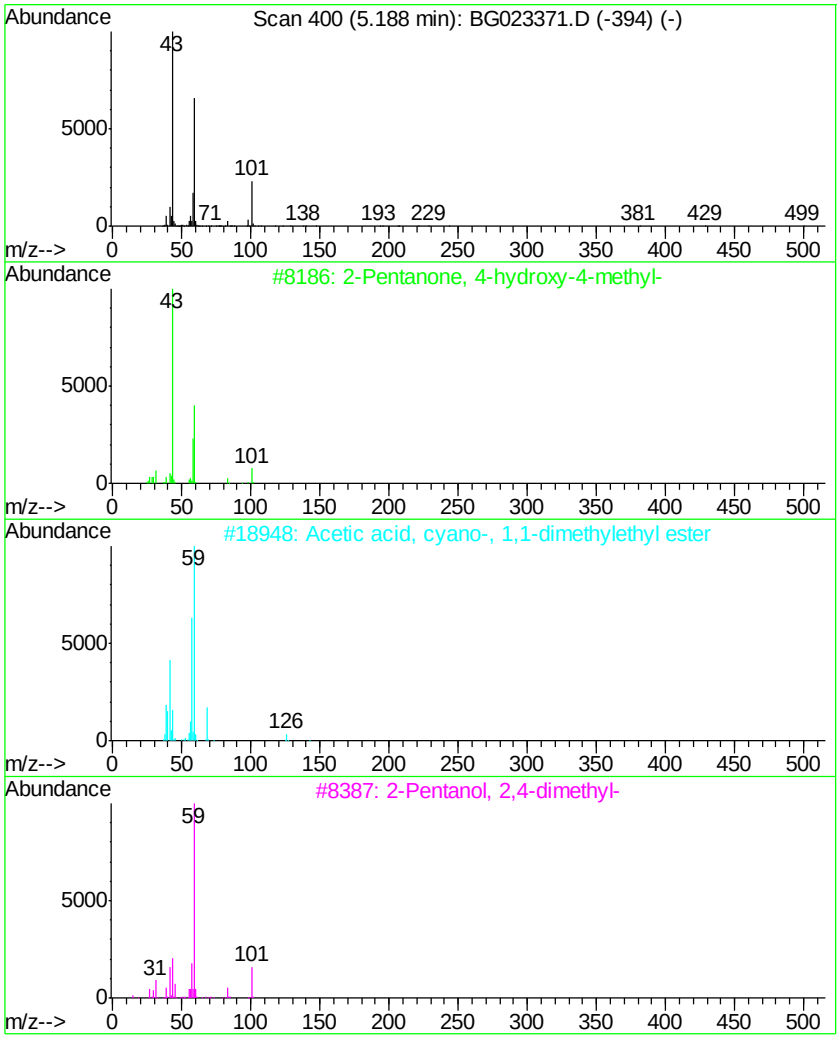
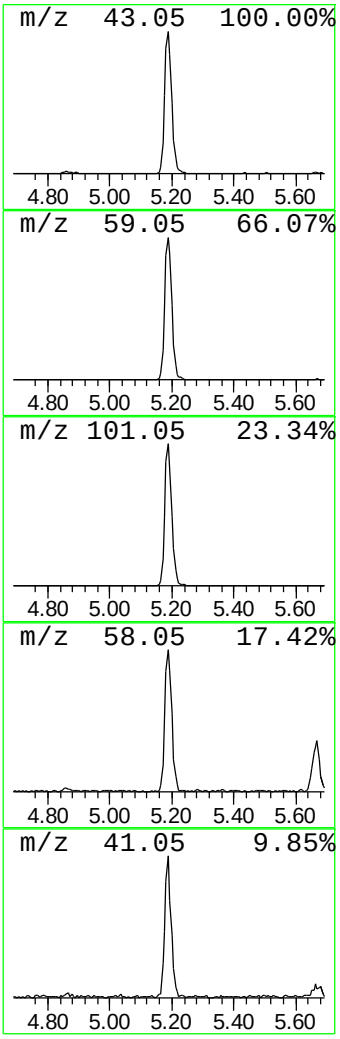
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	30.40 ng	1348200	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	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	23
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23
5	Acetone	58	C3H6O	000067-64-1	10





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Operator : UM/SJ
Sample : H4285-07
Misc :
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Instrument : BNA_G
ClientSampleId : AB-SLOPE(0-4)N

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
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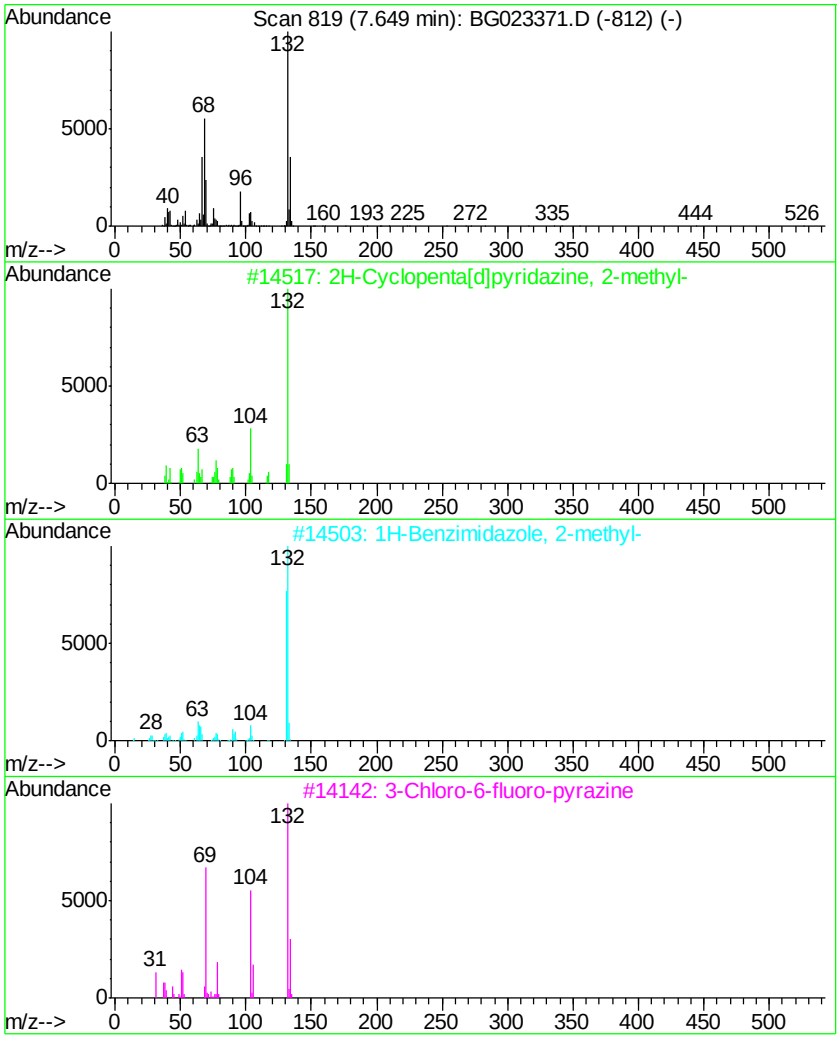
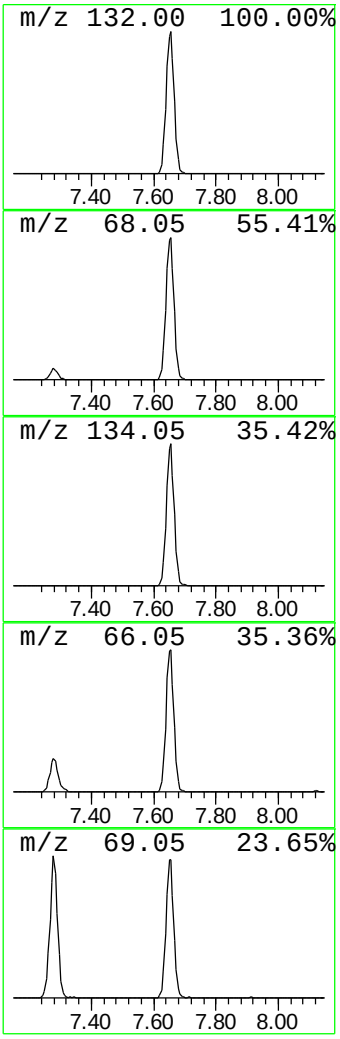
Peak Number 3 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	120.56 ng	5346870	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	16
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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

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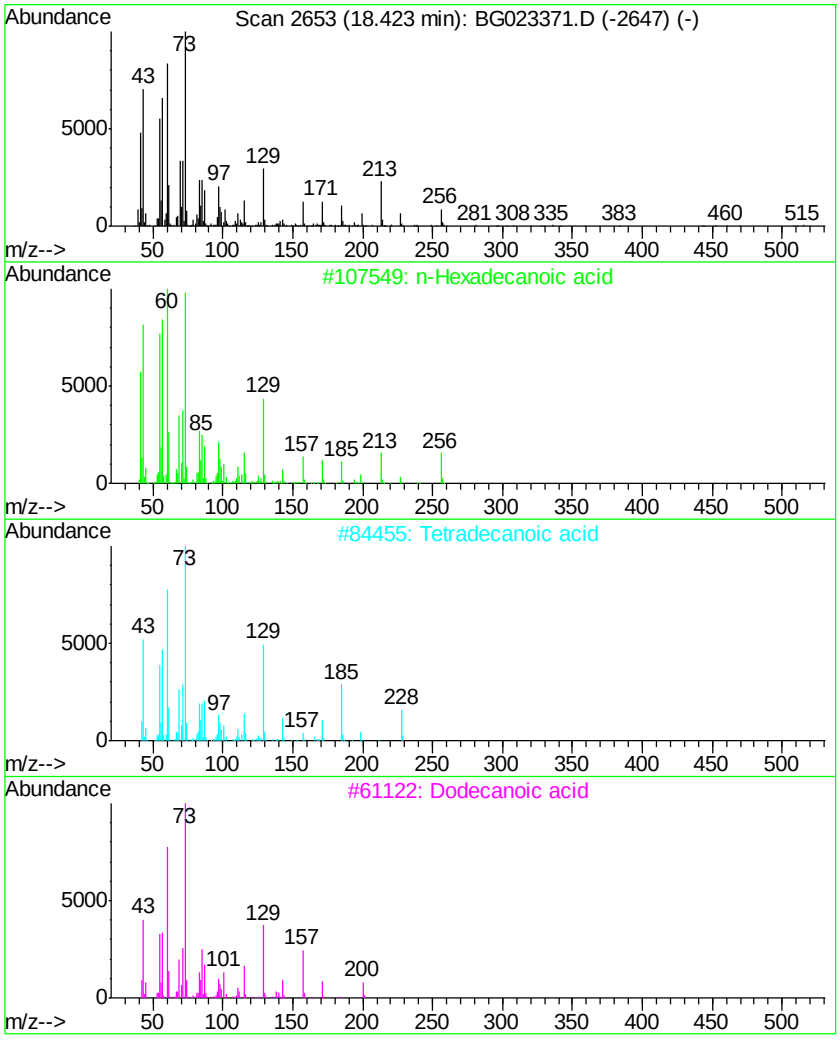
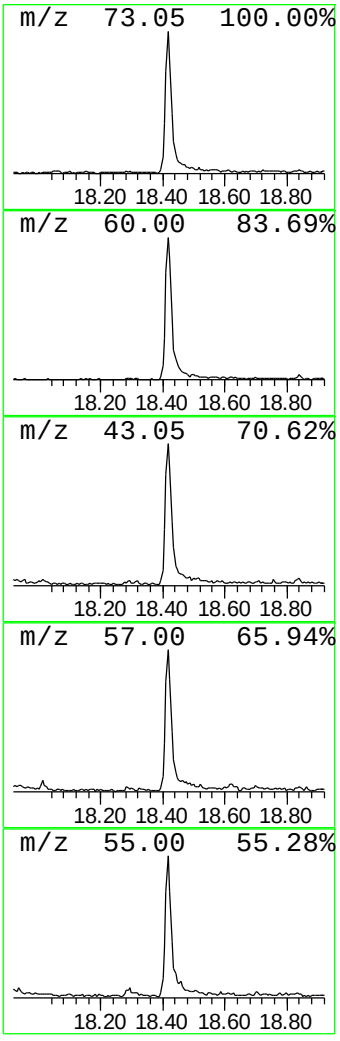
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	8.13 ng	1405520	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
3	Dodecanoic acid	200	C12H24O2	000143-07-7	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
5	Tridecanoic acid	214	C13H26O2	000638-53-9	60





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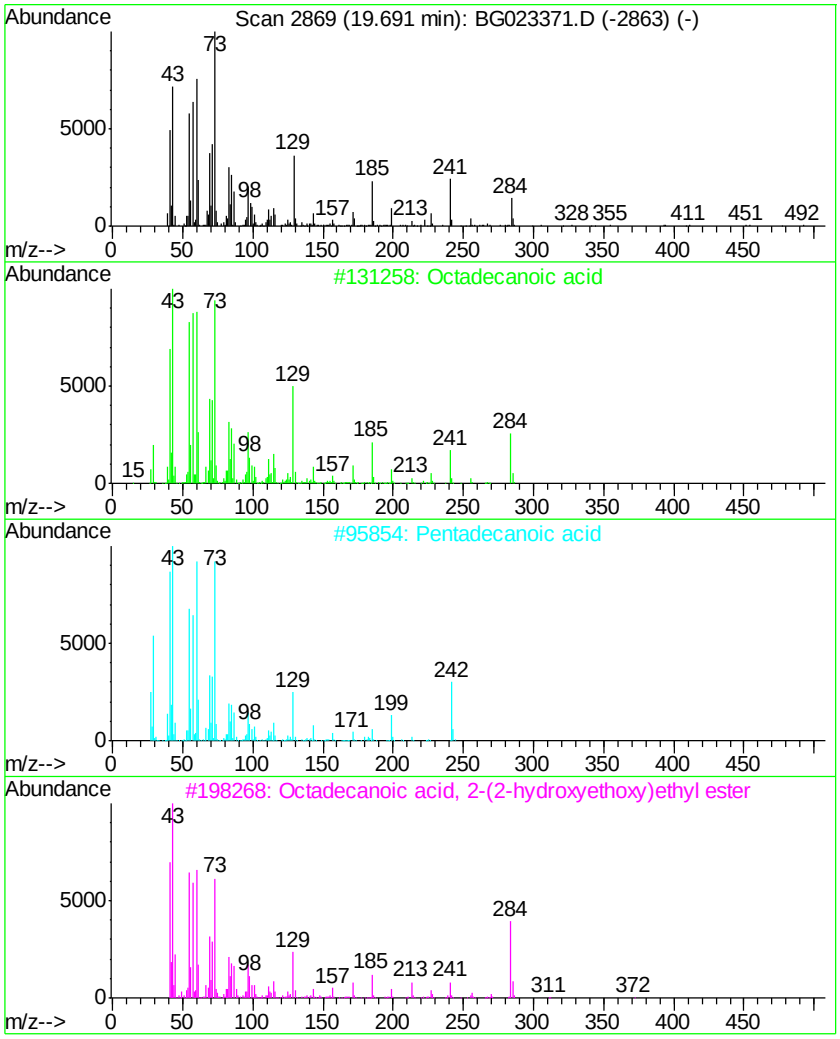
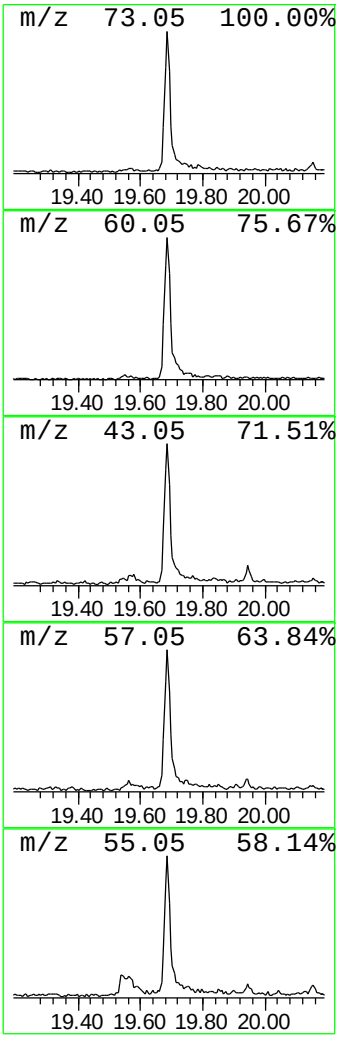
Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	7.28 ng	1259260	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	25





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.00	3.00	28.2	ng	1249740	1	8.12	887028	20.0
2-Pentanone, 4-hy...	5.19	30.4	ng	1348200	1	8.12	887028	20.0
unknown7.65	7.65	120.6	ng	5346870	1	8.12	887028	20.0
n-Hexadecanoic acid	18.42	8.1	ng	1405520	4	17.55	3458820	20.0
Octadecanoic acid	19.69	7.3	ng	1259260	4	17.55	3458820	20.0