LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022904.D
Acq On : 7 Jul 2016 20:42
Operator : UM/SJ
Sample : H3840-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-16

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	5.698	479	487	496	rBV	995766	1610686	10.45%	2.365%
2	7.302	752	760	769	rVB	709609	1184697	7.69%	1.739%
3	7.684	814	825	835	rBV	1742819	3003671	19.48%	4.410%
4	8.154	895	905	914	rBV	390411	675833	4.38%	0.992%
5	8.477	952	960	969	rBV	1401492	2461045	15.96%	3.613%
6	9.323	1097	1104	1112	rBV	1407191	2561583	16.62%	3.761%
7	10.980	1377	1386	1396	rVB	575408	997599	6.47%	1.465%
8	13.419	1793	1801	1809	rVB	3955742	6236413	40.46%	9.155%
9	14.241	1935	1941	1946	rBV	270707	417458	2.71%	0.613%
10	14.799	2028	2036	2045	rBV	1082474	1730043	11.22%	2.540%
11	16.292	2280	2290	2297	rBV	4313559	6687686	43.38%	9.818%
12	16.932	2393	2399	2408	rBV	1563092	2236221	14.51%	3.283%
13	17.555	2499	2505	2513	rBV2	1550259	2300106	14.92%	3.377%
14	17.696	2525	2529	2537	rBV4	152842	240638	1.56%	0.353%
15	17.902	2560	2564	2573	rBV2	107458	178577	1.16%	0.262%
16	18.448	2648	2657	2672	rBV	8266241	15415474	100.00%	22.631%
17	19.694	2864	2869	2880	rBV	2918519	3712010	24.08%	5.449%
18	19.794	2883	2886	2891	rVB2	142030	196369	1.27%	0.288%
19	20.152	2941	2947	2953	rBV	7890070	10650874	69.09%	15.636%
20	21.298	3139	3142	3152	rVB5	84691	165106	1.07%	0.242%
21	21.838	3228	3234	3243	rVB	1645726	2786794	18.08%	4.091%
22	25.187	3793	3804	3815	rBV3	929734	2668163	17.31%	3.917%

Sum of corrected areas: 68117046

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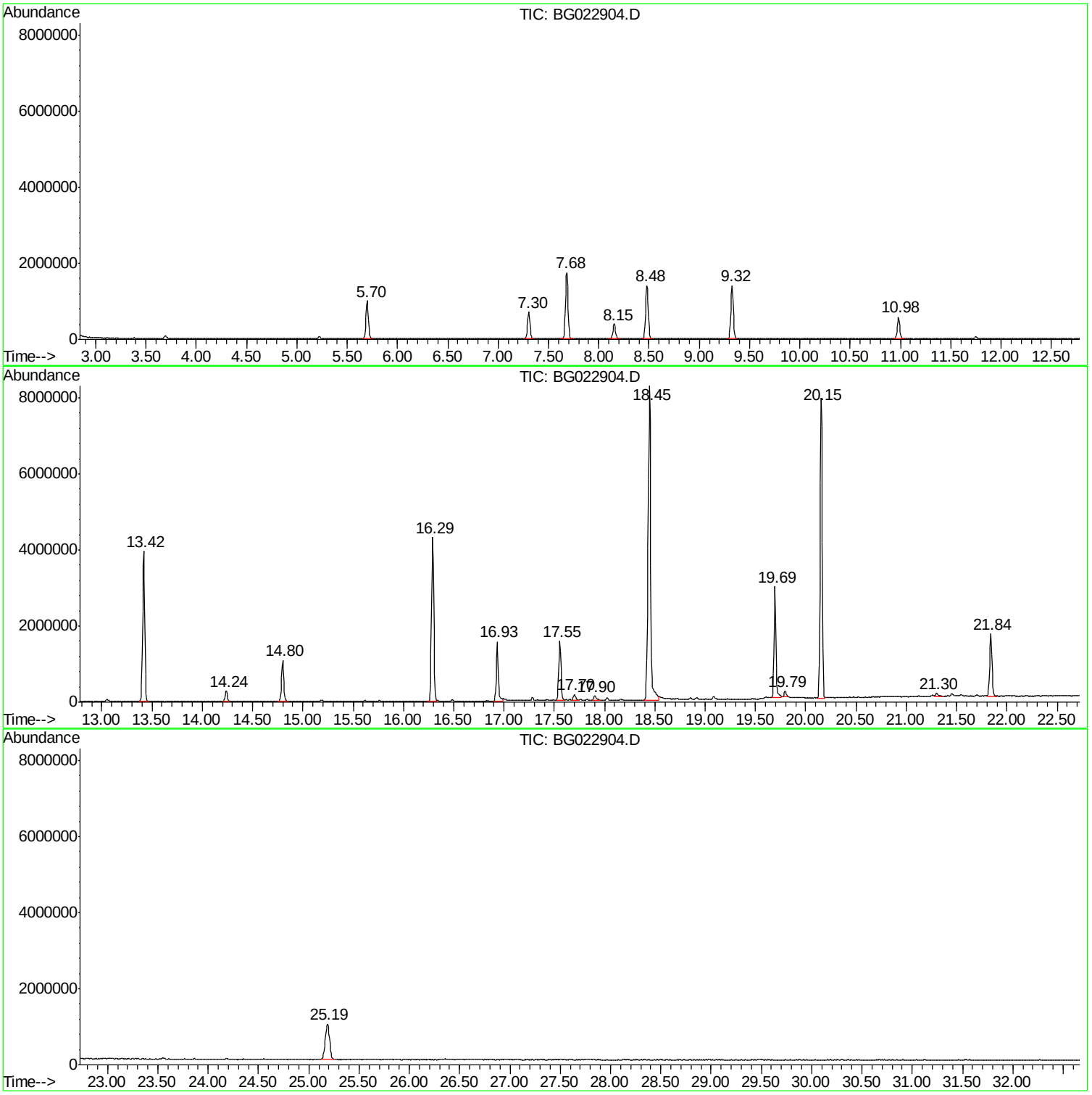
ClientSampleId : LIP-16

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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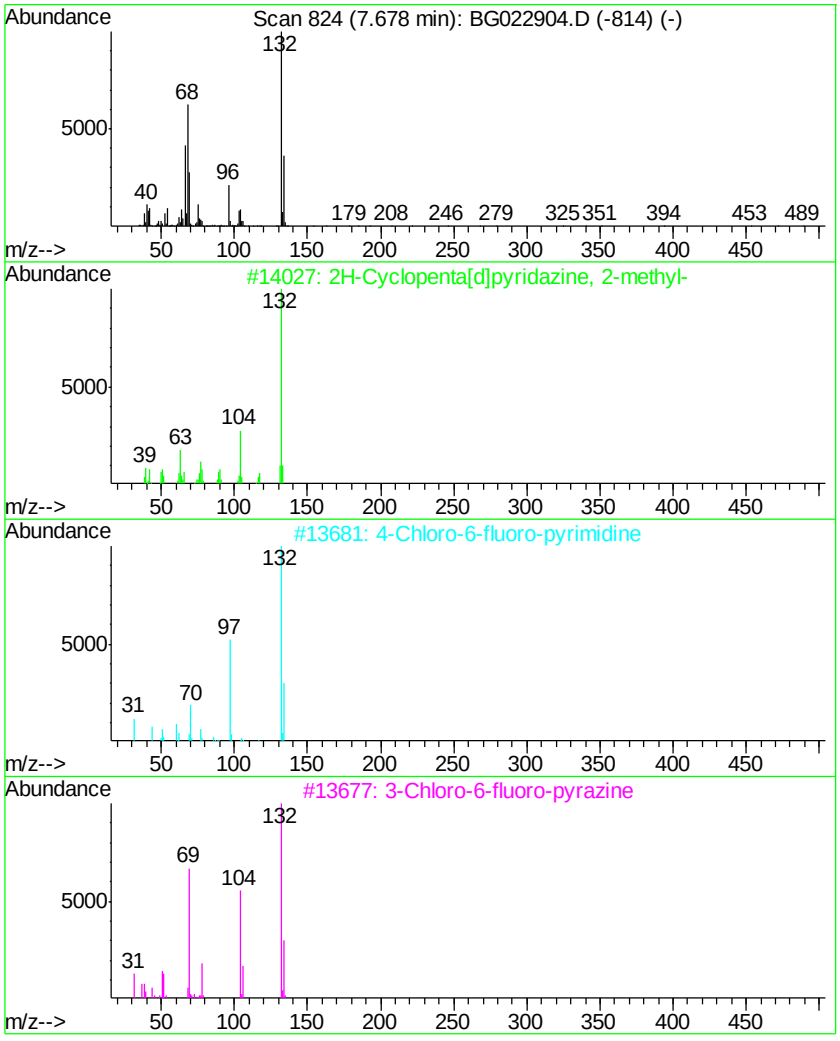
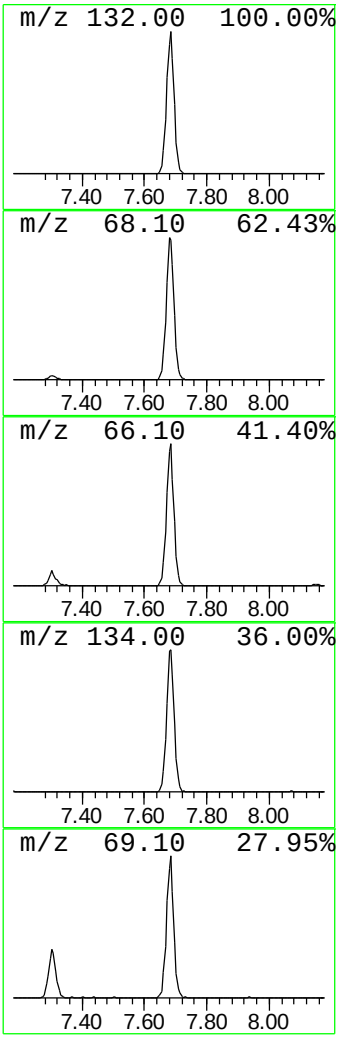
Peak Number 1 unknown7.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	88.89 ng	3003670	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	18
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	10
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





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Sample : H3840-04
Misc :
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Instrument : BNA_G
ClientSampleId : LIP-16

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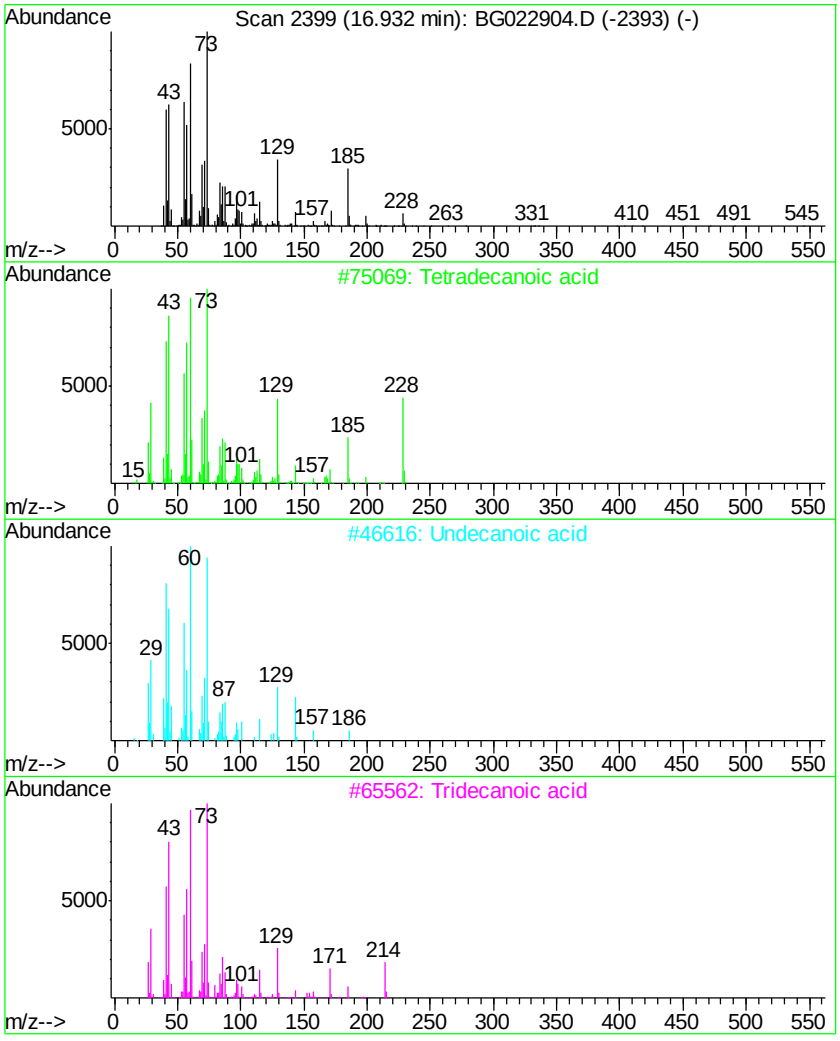
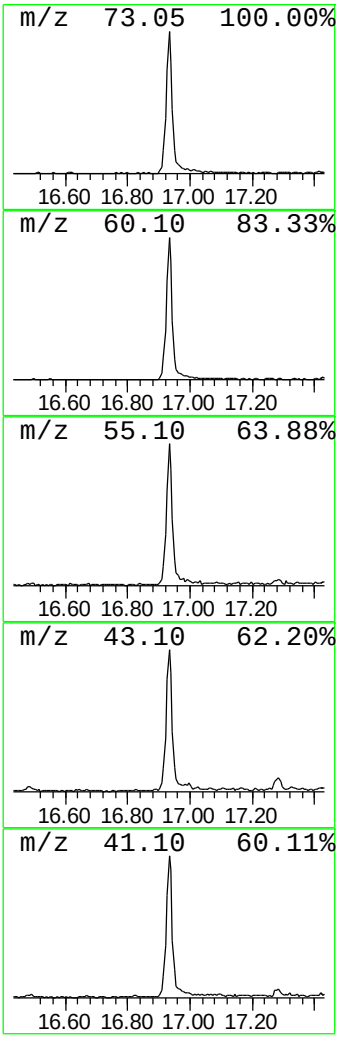
Peak Number 3 Tetradecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	19.44 ng	2236220	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
2	Undecanoic acid	186	C11H22O2	000112-37-8	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	53





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Operator : UM/SJ
Sample : H3840-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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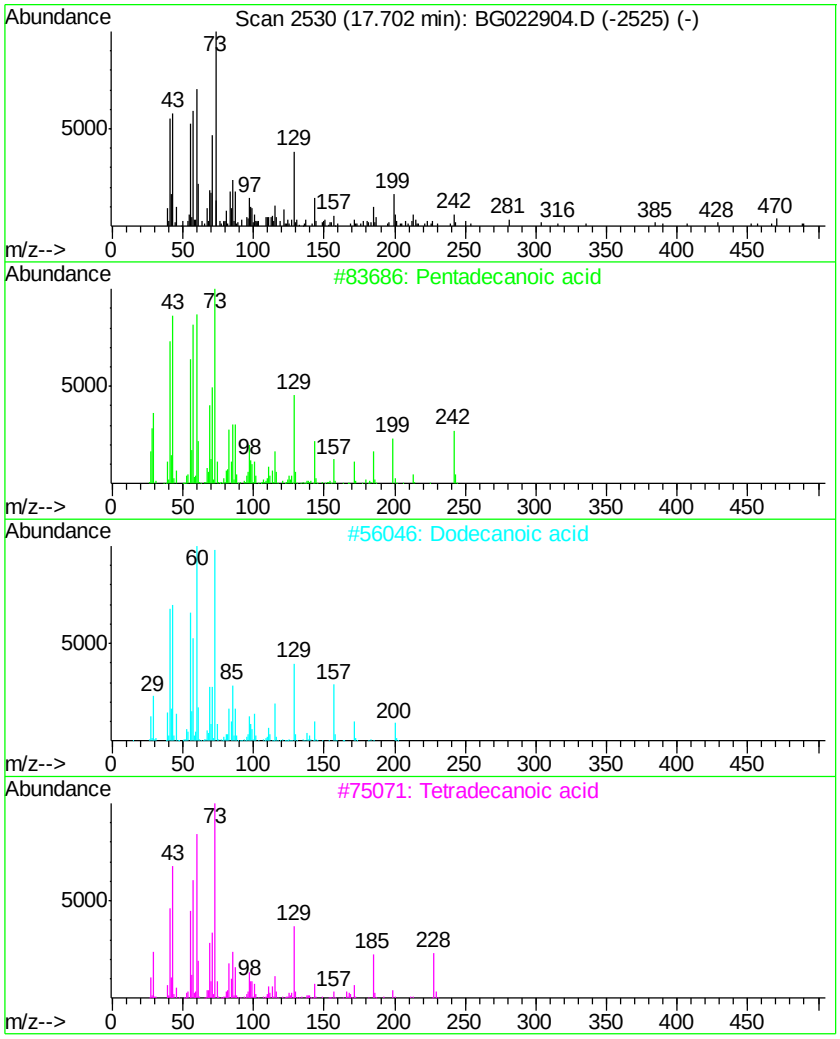
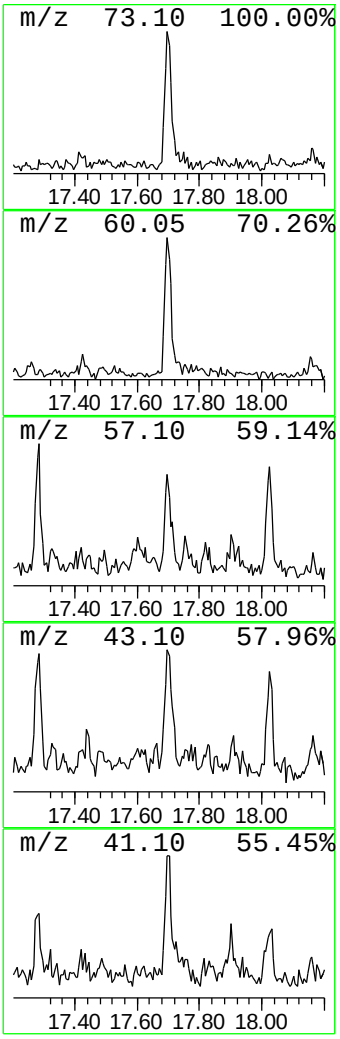
Peak Number 4 Pentadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	2.09 ng	240638	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	95
2	Dodecanoic acid	200	C12H24O2	000143-07-7	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	59





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Instrument : BNA_G
ClientSampleId : LIP-16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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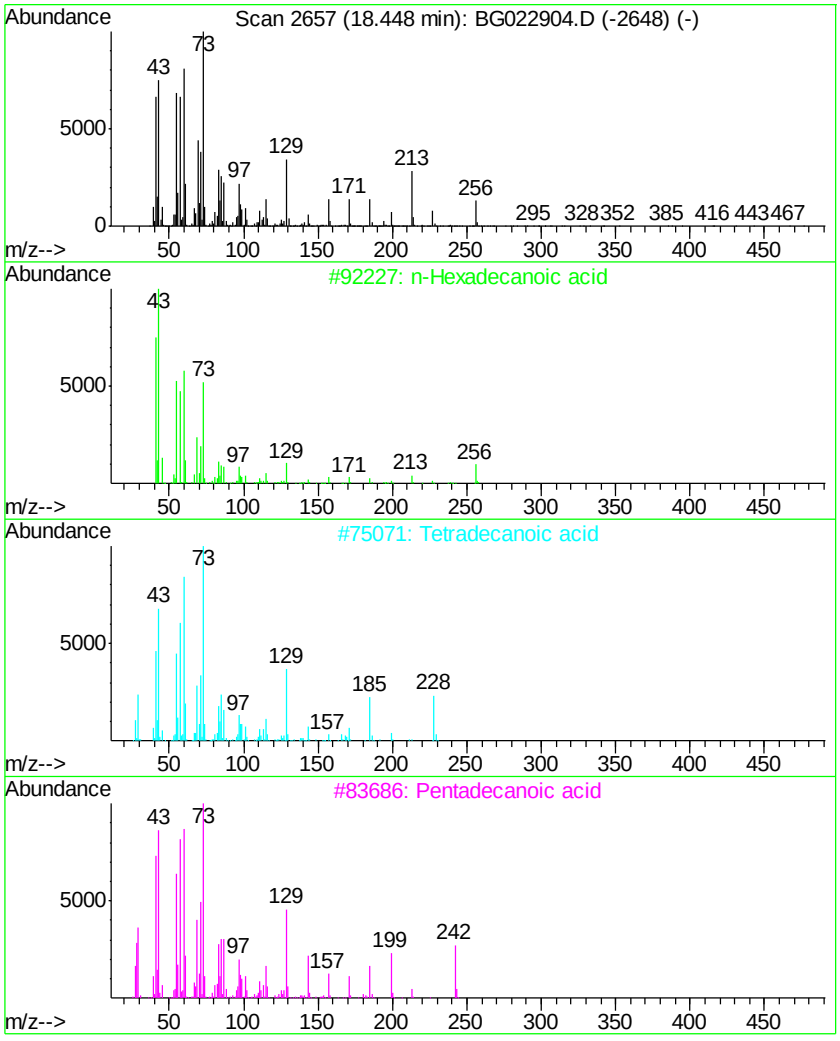
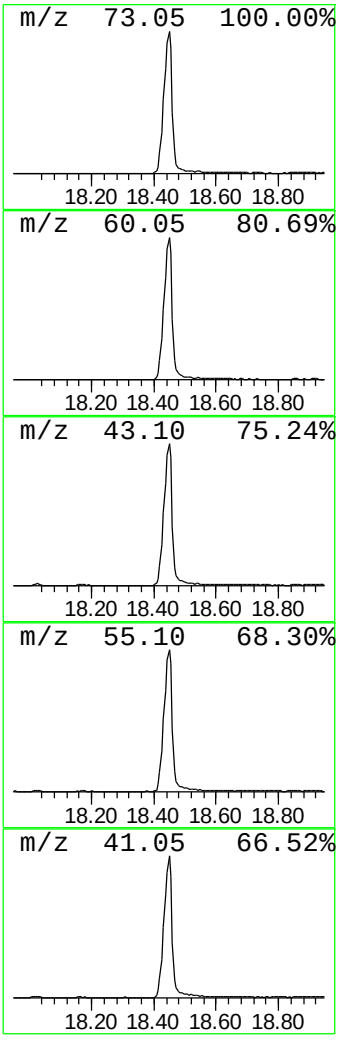
Peak Number 5 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	134.04 ng	15415500	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Methyl-.alpha.-d-ribofuranoside	164	C6H12O5	1000129-83-1	38





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Instrument : BNA_G
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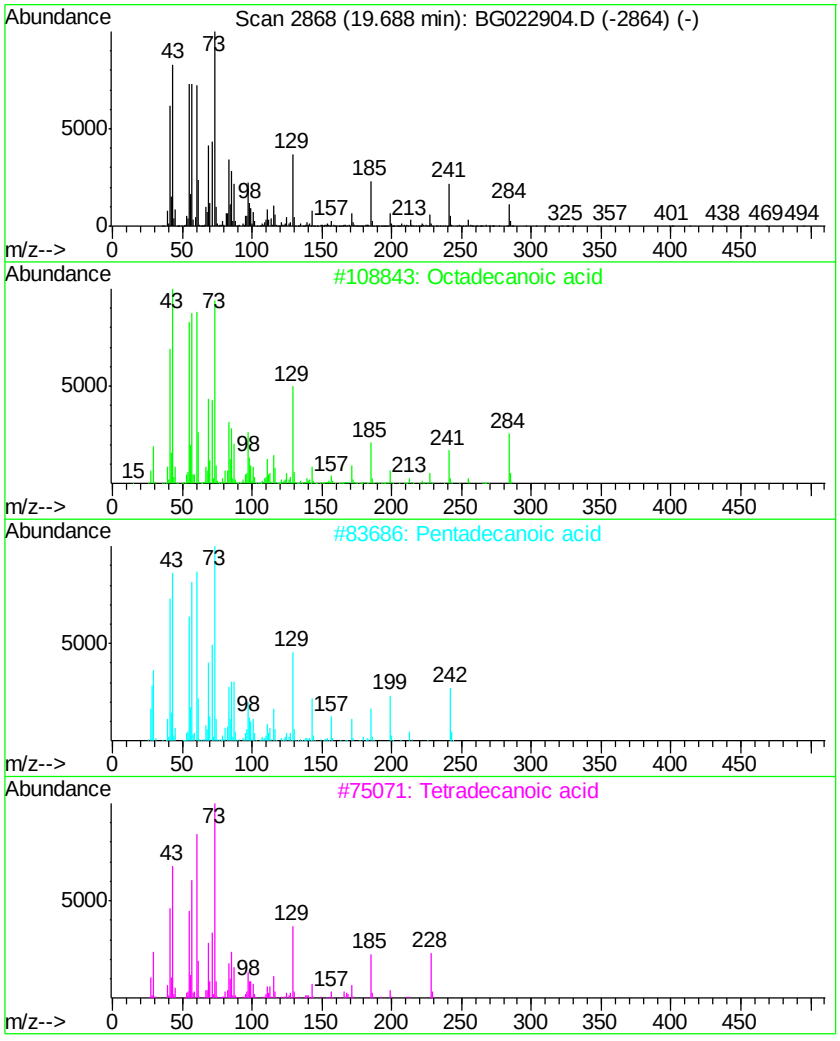
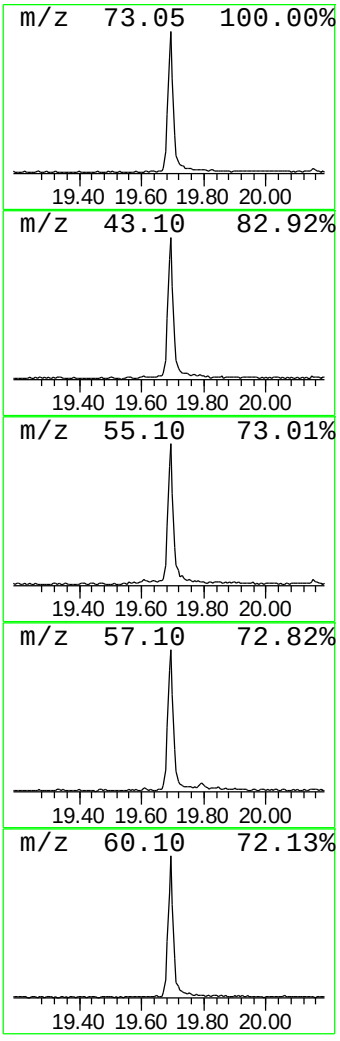
Peak Number 6 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	32.28 ng	3712010	Phenanthrene-d10	17.56

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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.68	7.68	88.9	ng	3003670	1	8.15	675833	20.0
Tetradecanoic acid	16.93	19.4	ng	2236220	4	17.56	2300110	20.0
Pentadecanoic acid	17.70	2.1	ng	240638	4	17.56	2300110	20.0
n-Hexadecanoic acid	18.45	134.0	ng	15415500	4	17.56	2300110	20.0
Octadecanoic acid	19.69	32.3	ng	3712010	4	17.56	2300110	20.0