LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022625.D
Acq On : 27 Jun 2016 1:24
Operator : UM/SJ
Sample : H3741-02
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-06

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-BG062516.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	5.242	403	409	415	rVB	82209	129521	1.11%	0.212%
2	5.707	481	488	496	rBV	1412478	2291536	19.63%	3.749%
3	7.305	751	760	770	rVB	960510	1675741	14.36%	2.741%
4	7.693	818	826	835	rBV	2686640	4593893	39.36%	7.515%
5	8.163	896	906	913	rBV	633098	1071329	9.18%	1.753%
6	8.492	952	962	968	rBV	2278984	4104310	35.16%	6.715%
7	9.332	1097	1105	1114	rBV	2120924	3837685	32.88%	6.278%
8	10.989	1379	1387	1393	rBV	831980	1566132	13.42%	2.562%
9	13.421	1792	1801	1808	rBV	5452653	8565680	73.38%	14.013%
10	14.238	1936	1940	1945	rBV2	177258	261589	2.24%	0.428%
11	14.796	2029	2035	2042	rBV2	1335418	2186315	18.73%	3.577%
12	16.288	2282	2289	2296	rBV	5510720	8315597	71.24%	13.604%
13	17.552	2499	2504	2514	rBV	1966685	3437685	29.45%	5.624%
14	18.433	2650	2654	2658	rBV4	330165	478428	4.10%	0.783%
15	19.696	2866	2869	2874	rBV3	370164	417519	3.58%	0.683%
16	20.160	2942	2948	2953	rBV	8580665	11672920	100.00%	19.096%
17	21.852	3230	3236	3242	rVB2	1972289	3302894	28.30%	5.403%
18	25.219	3799	3809	3822	rVB3	1080444	3217276	27.56%	5.263%

Sum of corrected areas: 61126050

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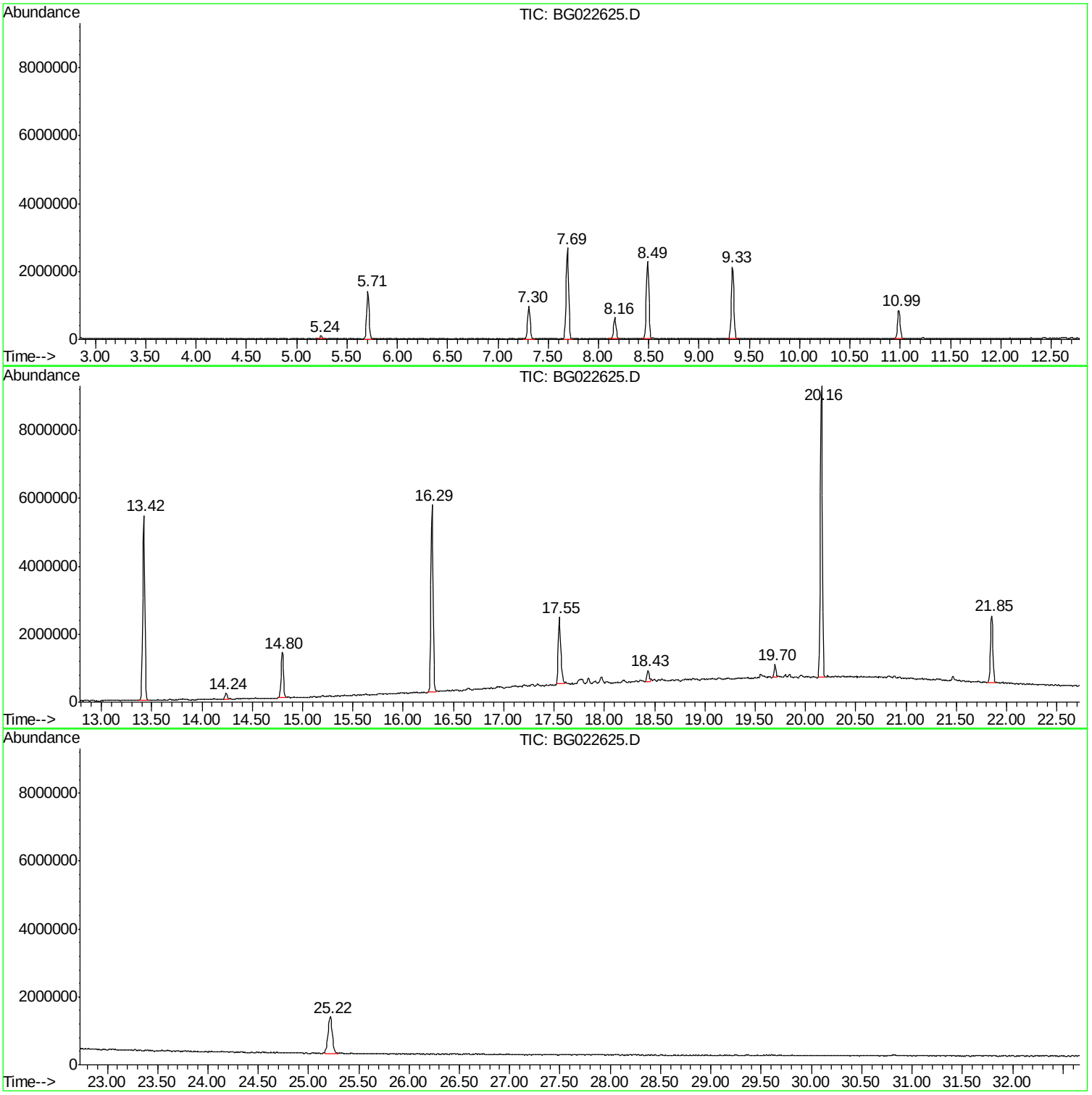
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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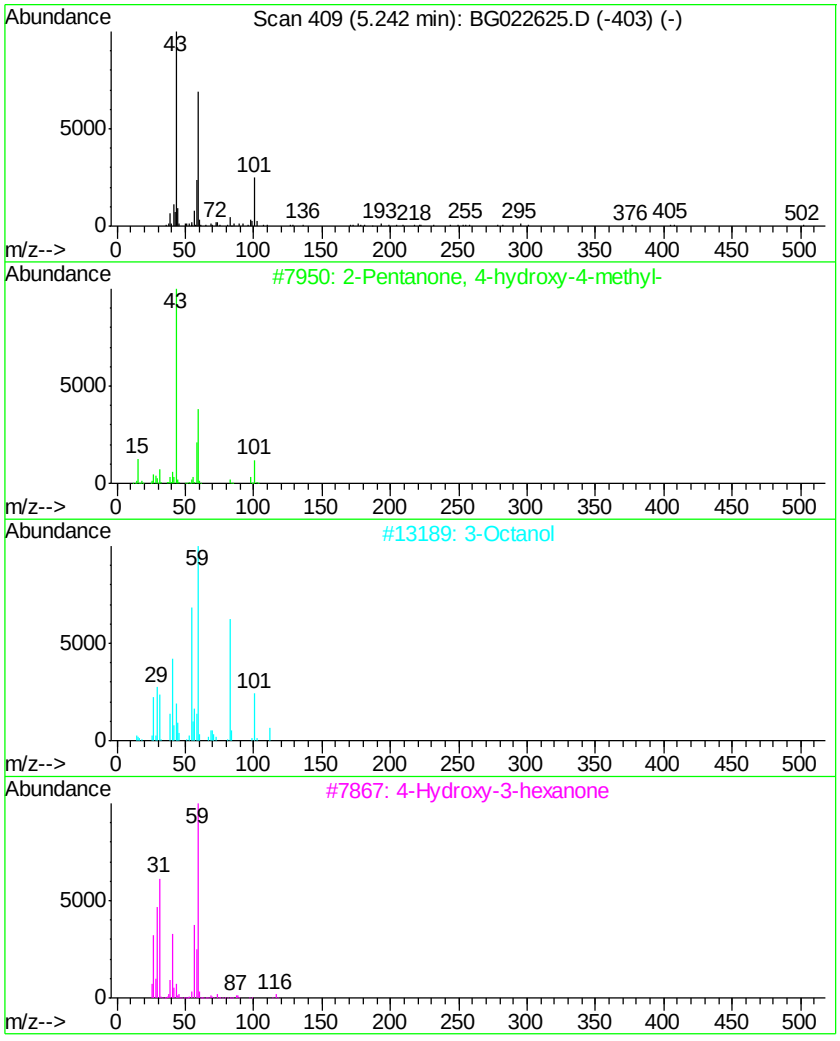
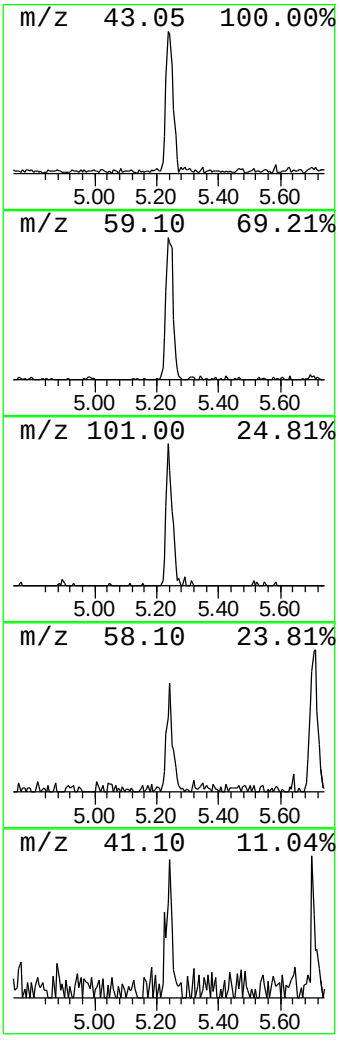
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	2.42 ng	129521	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	3-Octanol	130	C8H18O	000589-98-0	38
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	37
4	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	36
5	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	28





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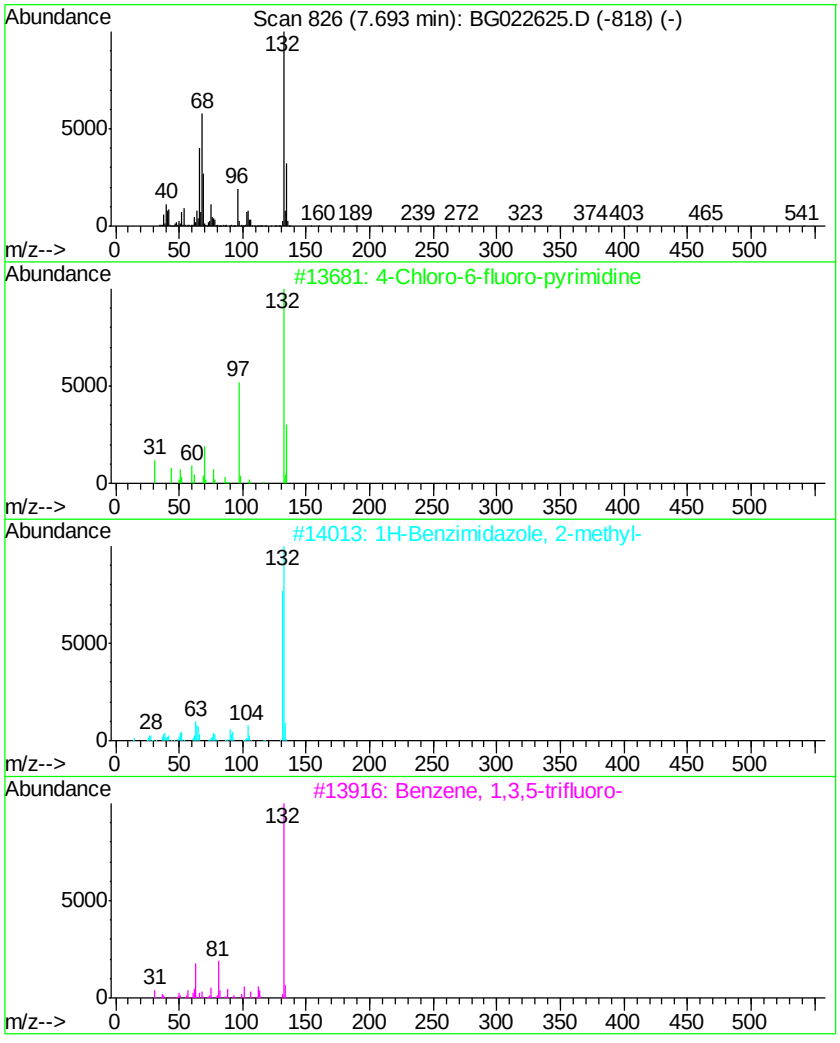
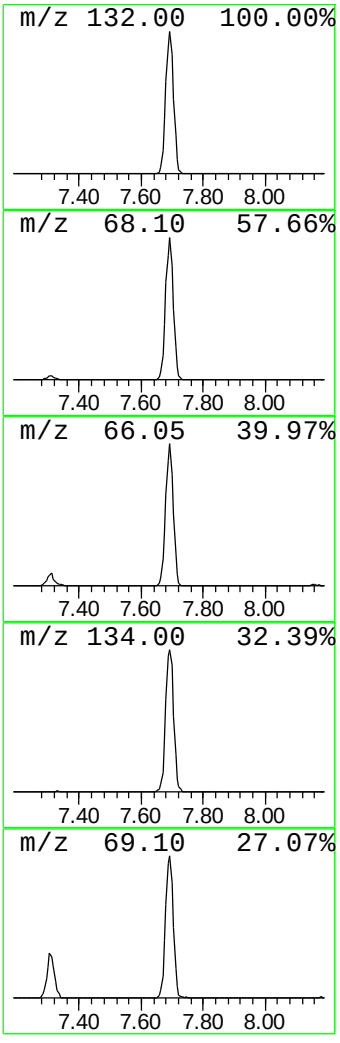
Peak Number 2 unknown7.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	85.76 ng	4593890	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	10
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	10





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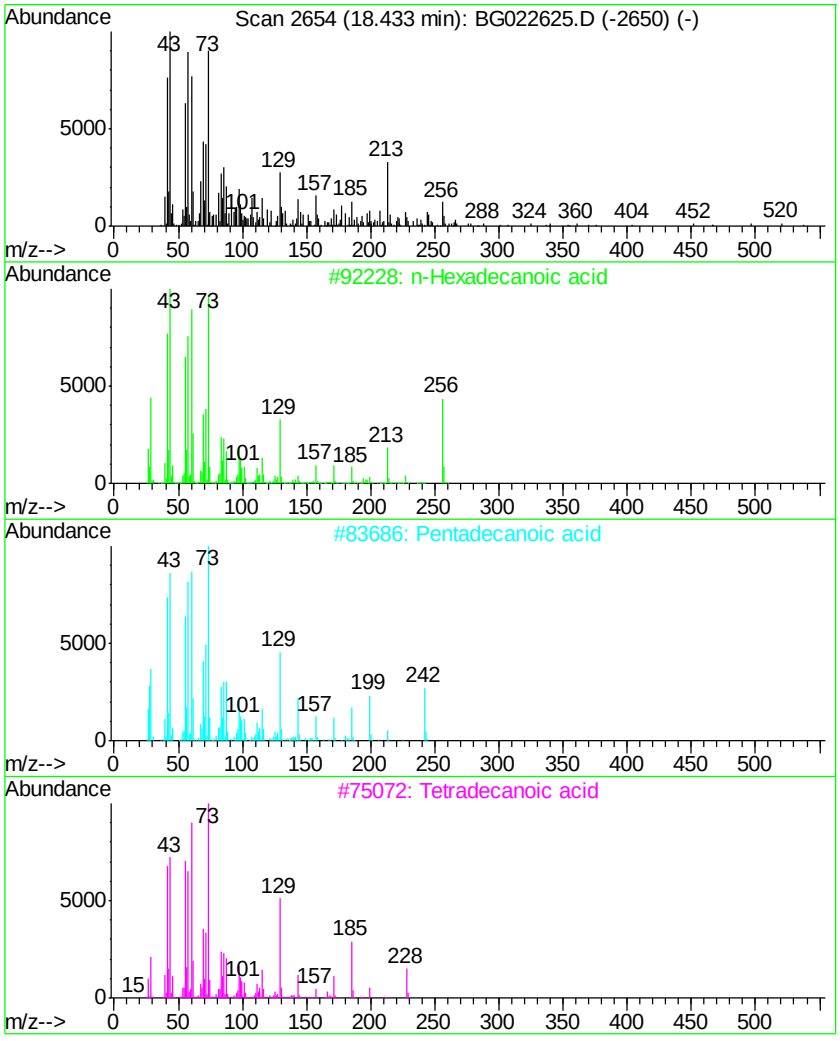
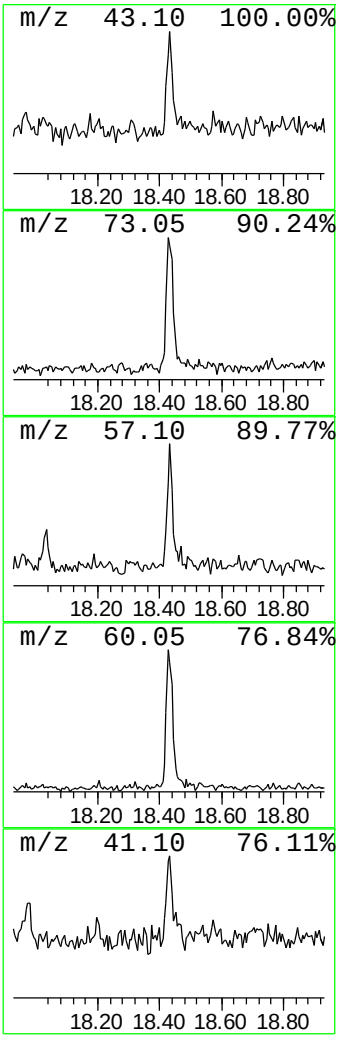
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	2.78 ng	478428	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Dodecanoic acid	200	C12H24O2	000143-07-7	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68





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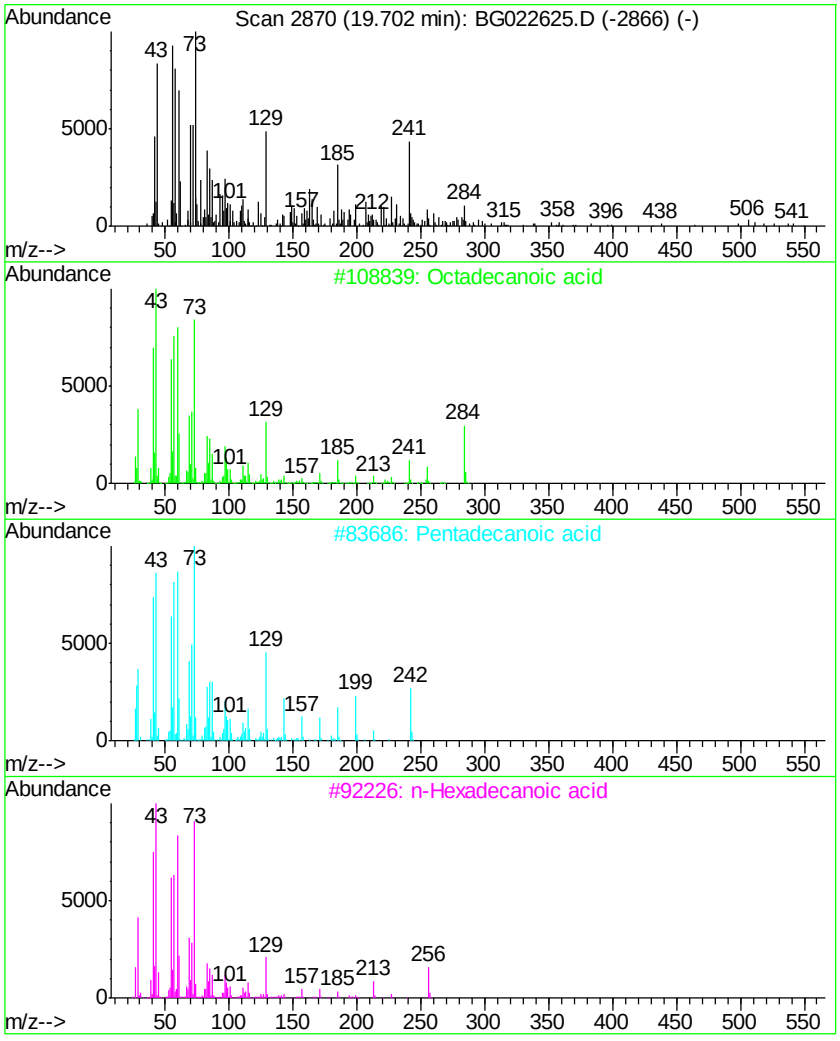
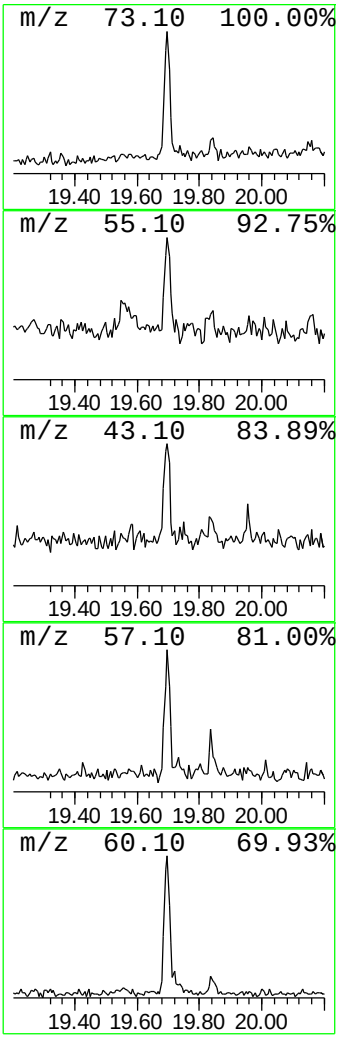
Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	2.43 ng	417519	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Undecanoic acid	186	C11H22O2	000112-37-8	59





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
2-Pentanone, 4-hy...	5.24	2.4	ng	129521	1	8.16	1071330	20.0
unknown7.69	7.69	85.8	ng	4593890	1	8.16	1071330	20.0
n-Hexadecanoic acid	18.43	2.8	ng	478428	4	17.55	3437690	20.0
Octadecanoic acid	19.70	2.4	ng	417519	4	17.55	3437690	20.0