LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
Data File : BG037023.D
Acq On : 27 Sep 2018 20:32
Operator : JU/SJ
Sample : J5097-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-3

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.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	5.146	312	316	324	rVB2	25237	42503	1.97%	0.310%
2	5.616	389	396	411	rBV	523512	962353	44.53%	7.013%
3	7.203	658	666	689	rBV	515312	1087854	50.34%	7.927%
4	7.573	722	729	752	rBV	519379	1009840	46.73%	7.359%
5	8.043	802	809	820	rBV	131274	267469	12.38%	1.949%
6	8.360	856	863	878	rBV	403380	775263	35.87%	5.649%
7	9.200	998	1006	1024	rBV	305040	673276	31.16%	4.906%
8	10.845	1279	1286	1298	rBV	170697	356261	16.49%	2.596%
9	13.290	1694	1702	1716	rBV	786361	1360274	62.95%	9.912%
10	14.112	1835	1842	1856	rBV	195165	315124	14.58%	2.296%
11	14.665	1929	1936	1955	rBV2	290947	497375	23.02%	3.624%
12	16.151	2182	2189	2203	rBV	702152	1191882	55.15%	8.685%
13	17.408	2397	2403	2418	rBV	382872	670467	31.03%	4.886%
14	18.296	2549	2554	2565	rBV3	51079	110509	5.11%	0.805%
15	19.565	2767	2770	2778	rBV8	12251	23700	1.10%	0.173%
16	20.017	2841	2847	2856	rBV	1631858	2161029	100.00%	15.748%
17	21.316	3063	3068	3083	rBV	93068	194861	9.02%	1.420%
18	21.674	3123	3129	3141	rBV	456089	796138	36.84%	5.802%
19	21.862	3158	3161	3167	rVB3	20318	30092	1.39%	0.219%
20	22.467	3259	3264	3270	rBV3	33360	66787	3.09%	0.487%
21	23.155	3376	3381	3388	rVB	40469	75181	3.48%	0.548%
22	23.948	3511	3516	3525	rVB4	41964	97923	4.53%	0.714%
23	24.882	3664	3675	3693	rVB	295501	882352	40.83%	6.430%
24	26.004	3859	3866	3875	rBV4	25907	74408	3.44%	0.542%

Sum of corrected areas: 13722921

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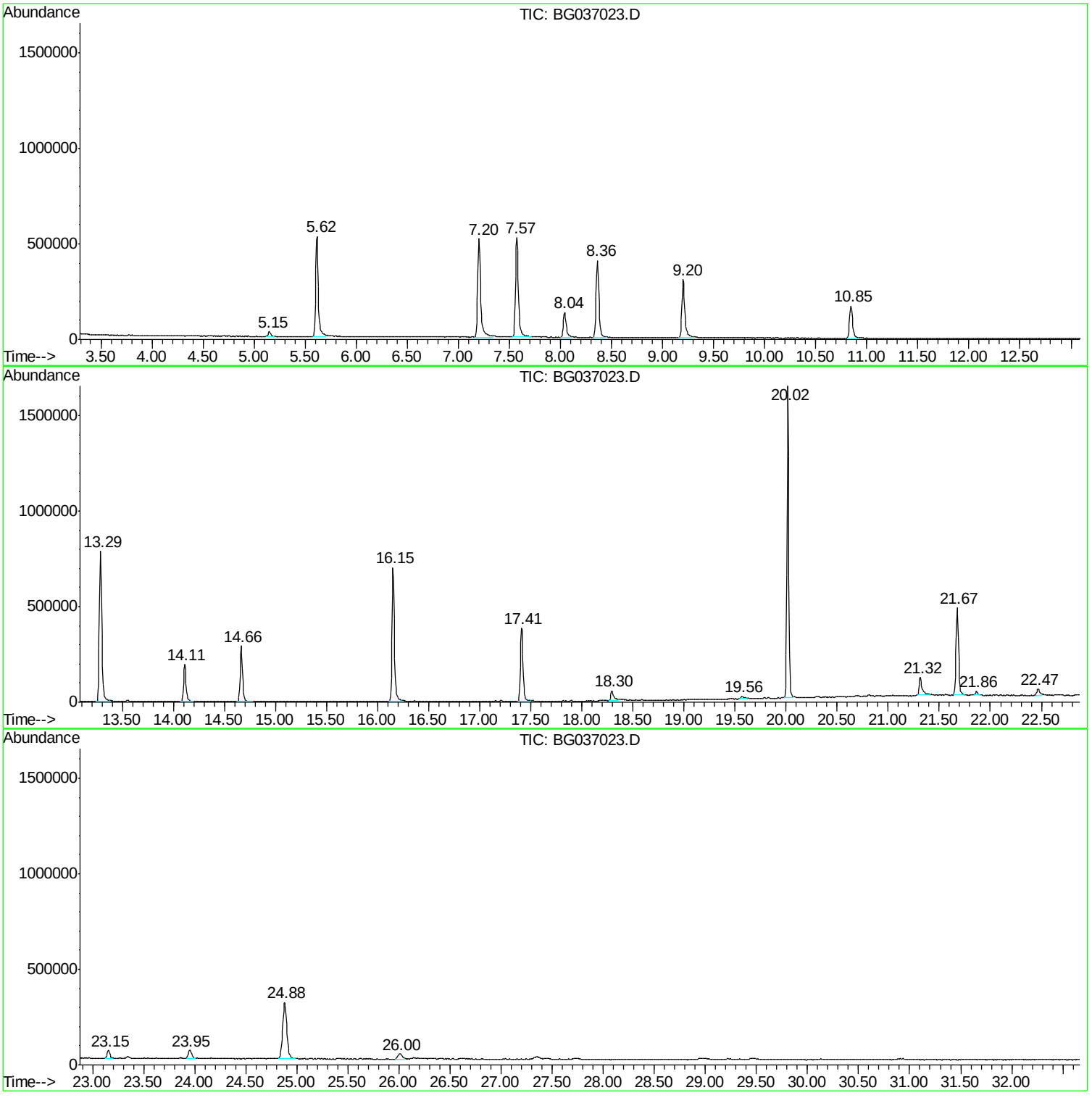
TP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.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

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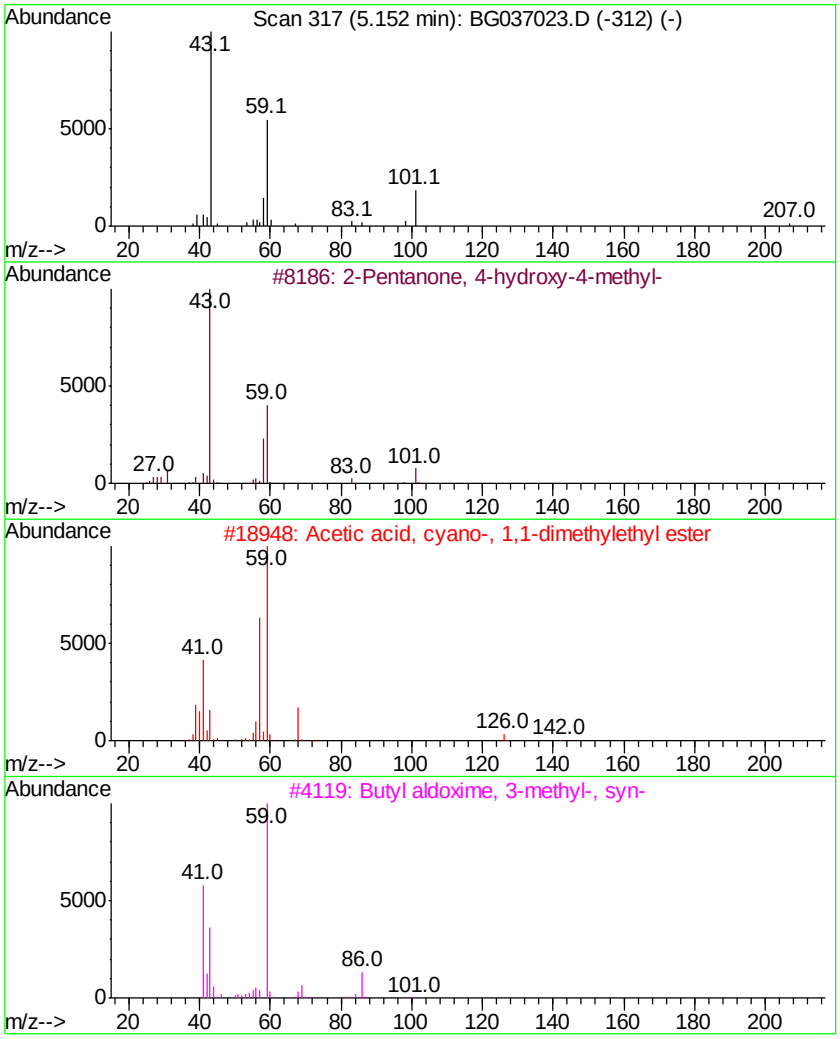
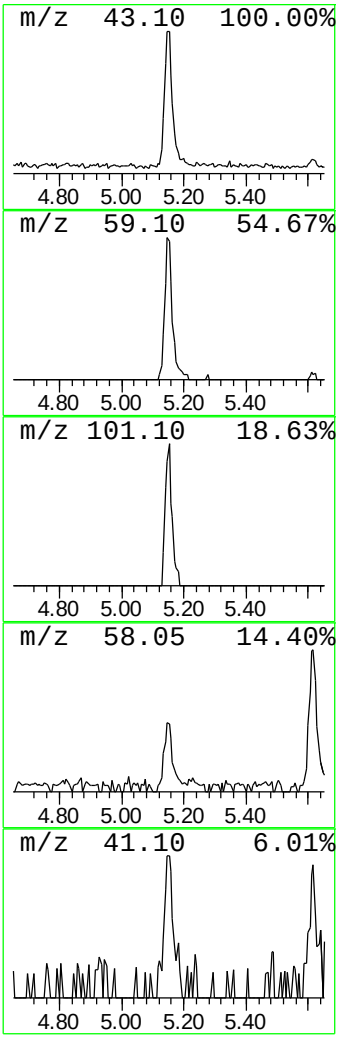
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	3.18 ng	42503	1,4-Dichlorobenzene-d4	8.04

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	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	9





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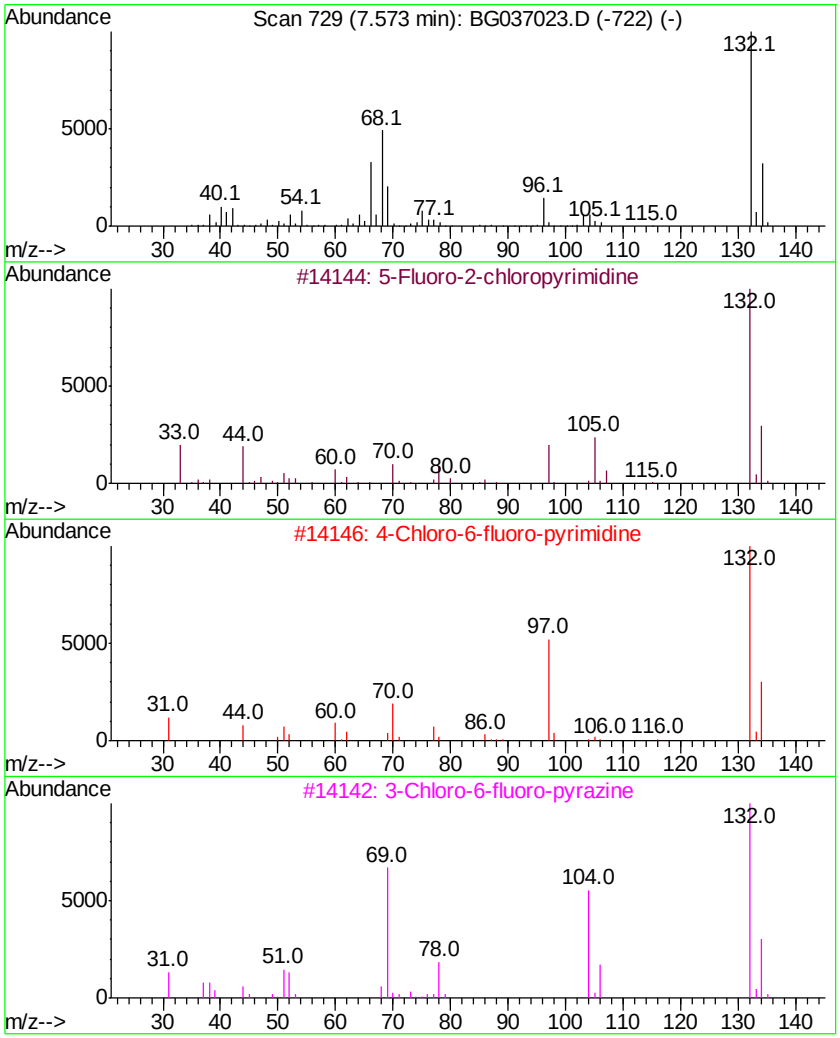
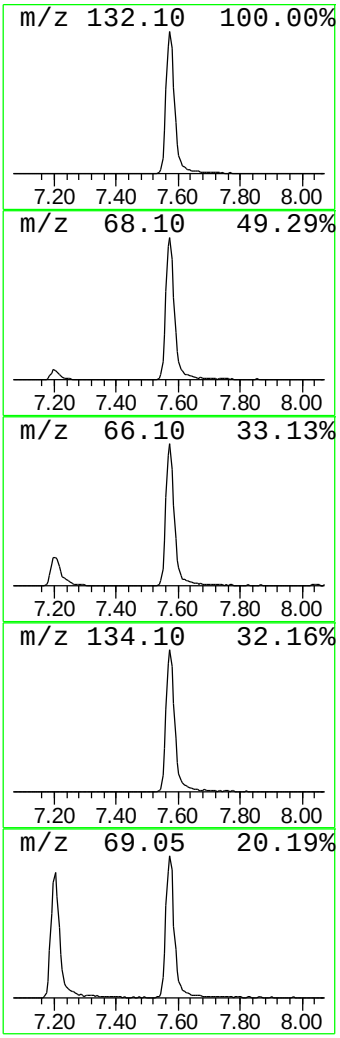
****

Peak Number 2 unknown7.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	75.51 ng	1009840	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





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ClientSampleId : TP-3

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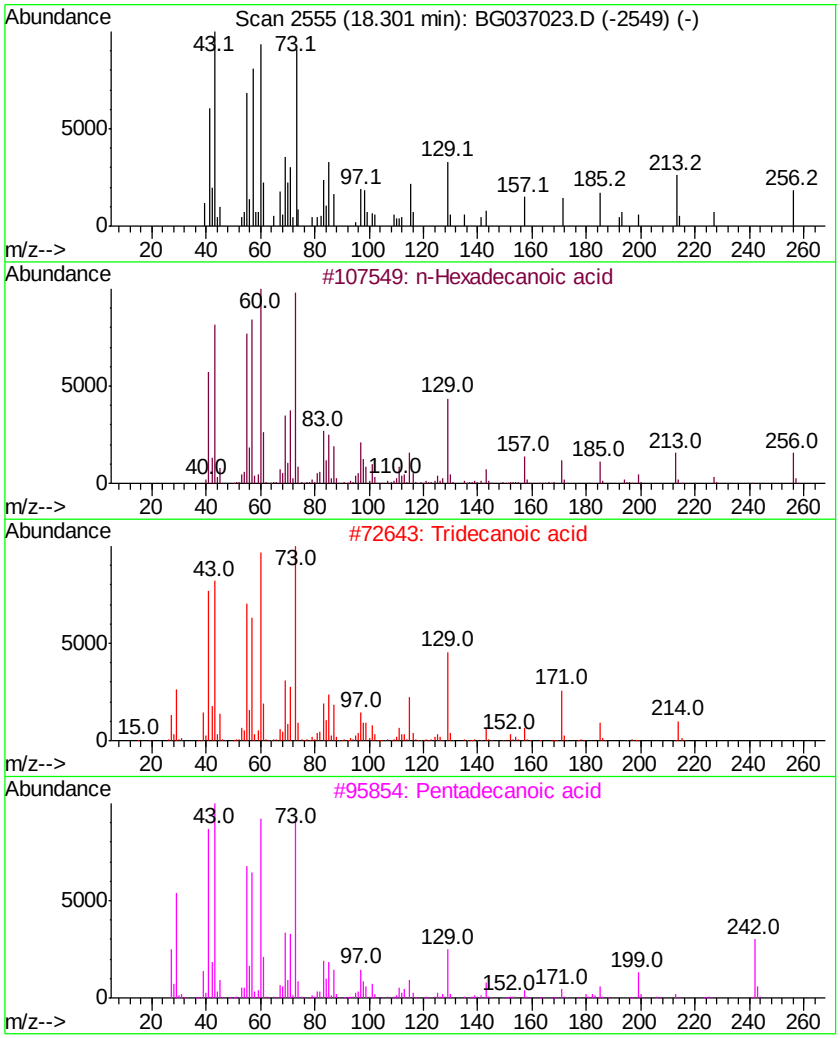
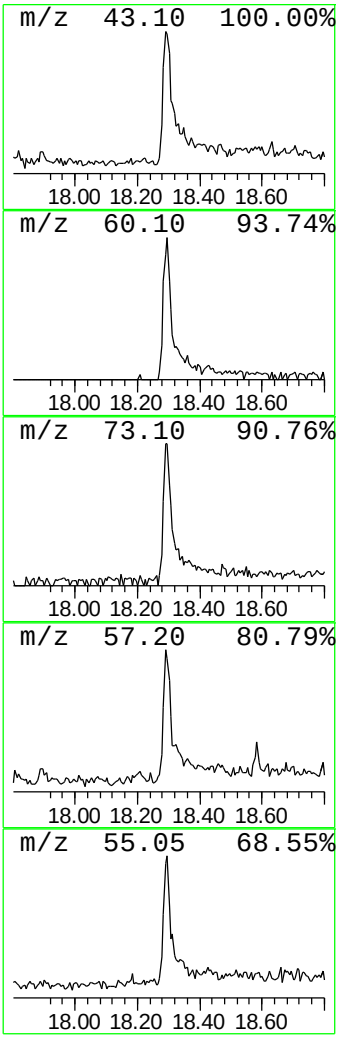
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	3.30 ng	110509	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Undecanoic acid, 10-bromo-	264	C11H21BrO2	018294-93-4	43





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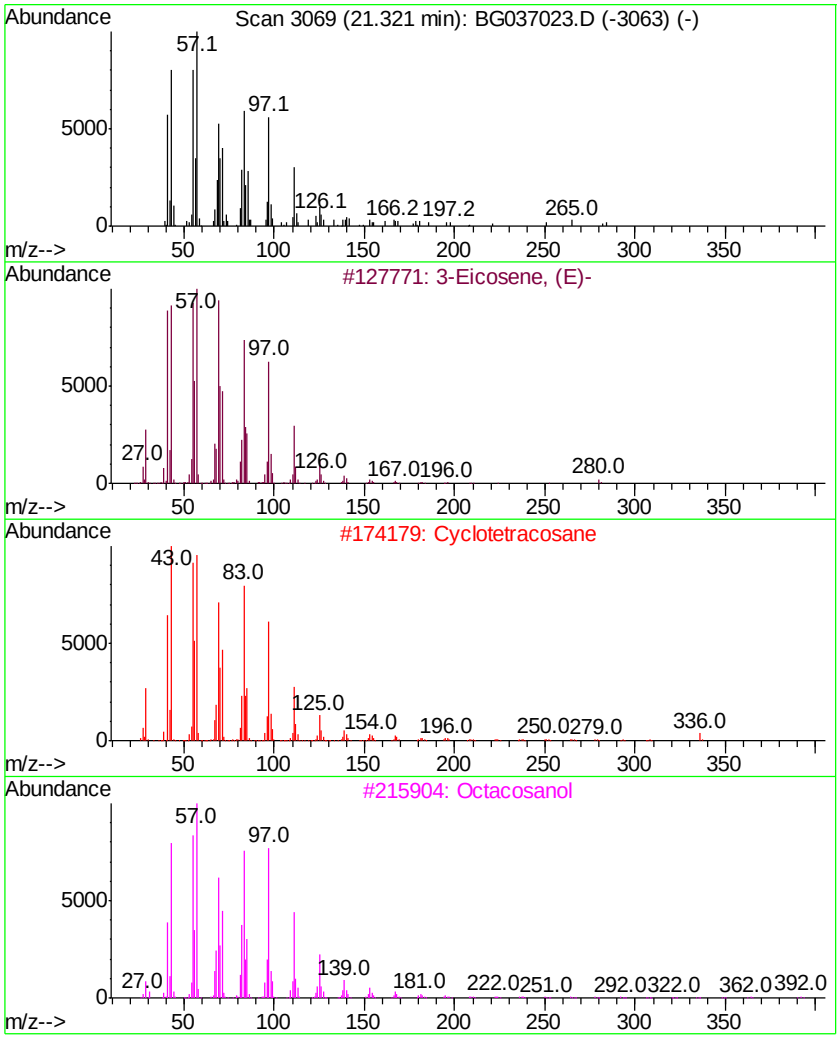
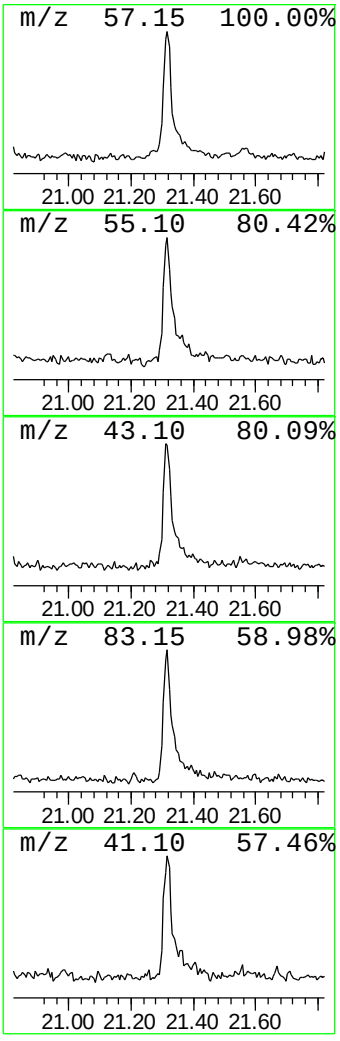
Peak Number 5 3-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	4.90 ng	194861	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	Cyclotetracosane	336	C24H48	000297-03-0	94
3	Octacosanol	410	C28H58O	000557-61-9	94
4	1-Docosene	308	C22H44	001599-67-3	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94





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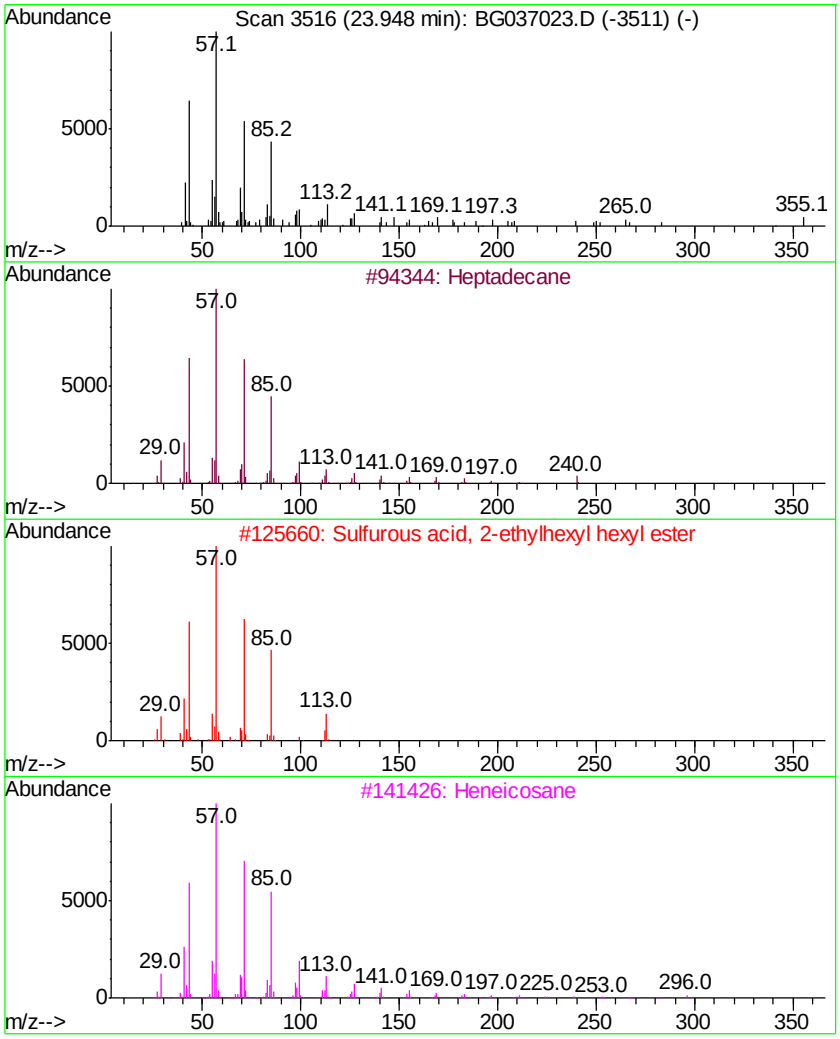
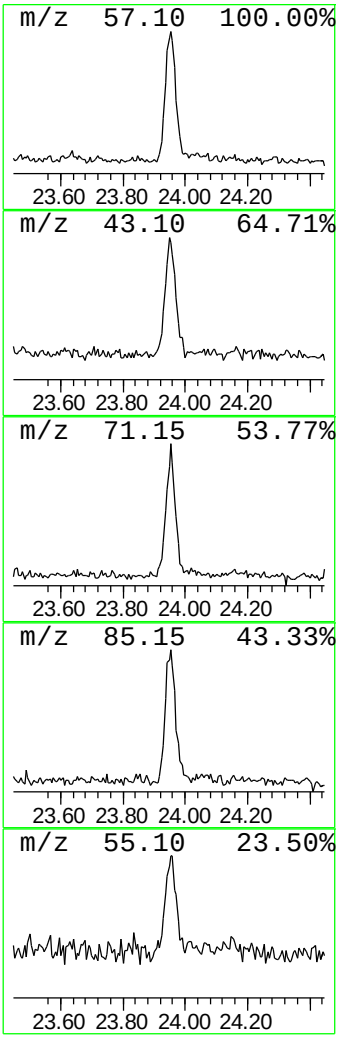
****

Peak Number 6 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	2.22 ng	97923	Perylene-d12	24.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	83
2	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
3	Heneicosane	296	C21H44	000629-94-7	80
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Nonadecane	268	C19H40	000629-92-5	80





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...	5.15	3.2	ng	42503	1	8.04	267469	20.0
unknown7.57	7.57	75.5	ng	1009840	1	8.04	267469	20.0
n-Hexadecanoic acid	18.30	3.3	ng	110509	4	17.41	670467	20.0
3-Eicosene, (E)-	21.32	4.9	ng	194861	5	21.67	796138	20.0
Heptadecane	23.95	2.2	ng	97923	6	24.88	882352	20.0