LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022912.D
Acq On : 8 Jul 2016 2:03
Operator : UM/SJ
Sample : H3834-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPLICATE

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	480	487	495	rBV	1069471	1732812	16.70%	3.428%
2	7.002	703	709	716	rBV3	61712	112019	1.08%	0.222%
3	7.308	754	761	770	rVB	796404	1400792	13.50%	2.771%
4	7.684	816	825	834	rBV	1974285	3412846	32.89%	6.751%
5	8.154	895	905	910	rBV	441709	845045	8.14%	1.672%
6	8.477	954	960	966	rBV	1470090	2580312	24.87%	5.104%
7	9.329	1097	1105	1112	rBV	1544886	2800186	26.98%	5.539%
8	10.739	1339	1345	1354	rBV9	38746	111864	1.08%	0.221%
9	10.980	1379	1386	1392	rBV	633876	1122587	10.82%	2.220%
10	11.867	1531	1537	1540	rBV3	57352	110266	1.06%	0.218%
11	13.054	1734	1739	1744	rBV8	55451	107763	1.04%	0.213%
12	13.213	1760	1766	1769	rBV4	77826	139200	1.34%	0.275%
13	13.419	1792	1801	1808	rVB	4322569	6884589	66.35%	13.618%
14	14.165	1925	1928	1935	rVB3	68670	108139	1.04%	0.214%
15	14.241	1937	1941	1946	rVB2	69681	110115	1.06%	0.218%
16	14.799	2028	2036	2044	rVB2	1163598	1988466	19.16%	3.933%
17	16.292	2284	2290	2299	rVB	4649699	7051047	67.95%	13.947%
18	17.202	2440	2445	2450	rVB2	188644	255639	2.46%	0.506%
19	17.555	2499	2505	2511	rBV2	1651851	2464384	23.75%	4.875%
20	18.424	2649	2653	2662	rBV2	461111	625232	6.03%	1.237%
21	19.688	2864	2868	2877	rVB2	363231	493941	4.76%	0.977%
22	20.158	2942	2948	2953	rVB	7560292	10376906	100.00%	20.526%
23	21.844	3229	3235	3243	rVB2	1649017	2901512	27.96%	5.739%
24	25.199	3797	3806	3818	rVB2	949290	2820236	27.18%	5.578%

Sum of corrected areas: 50555898

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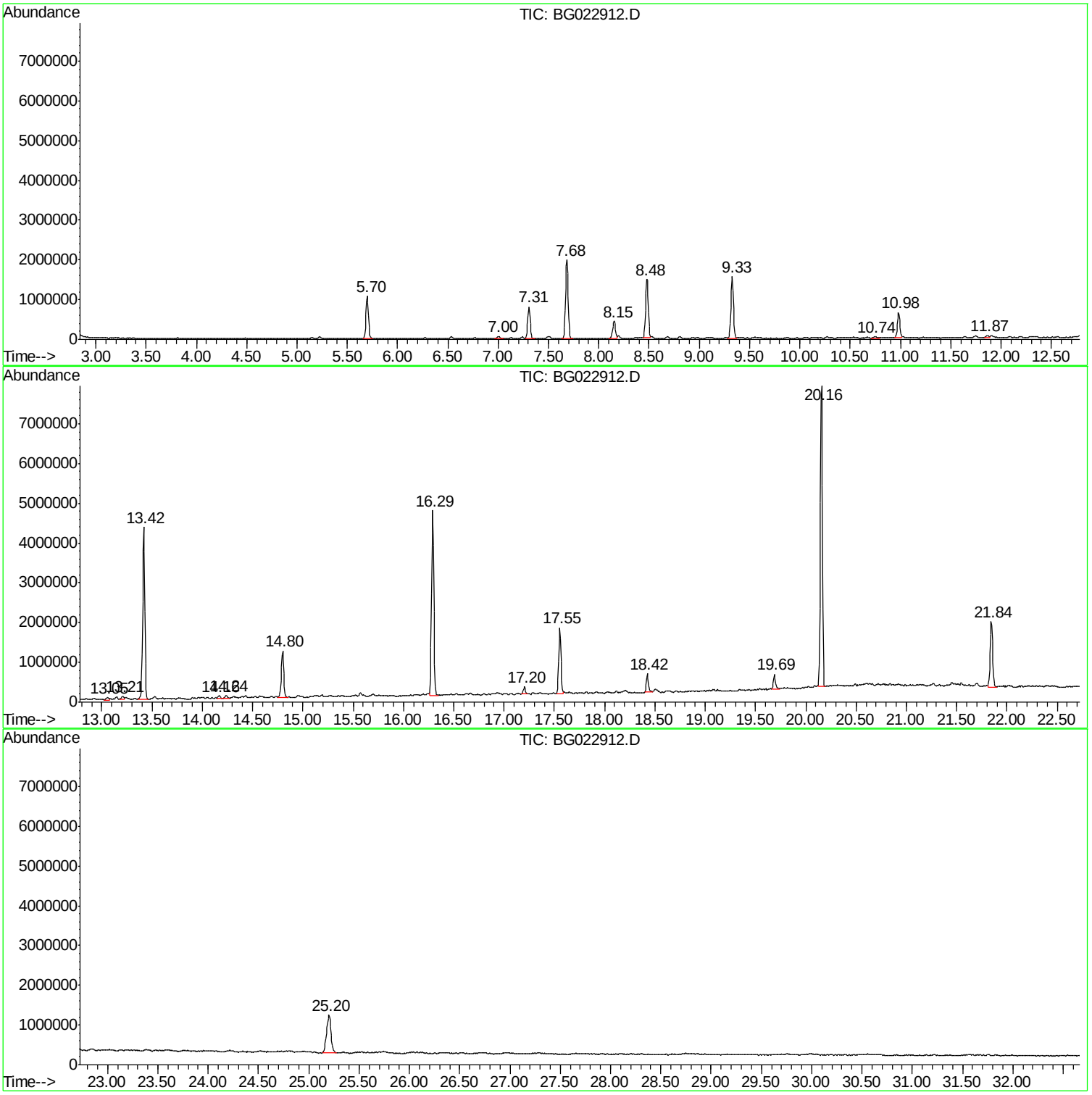
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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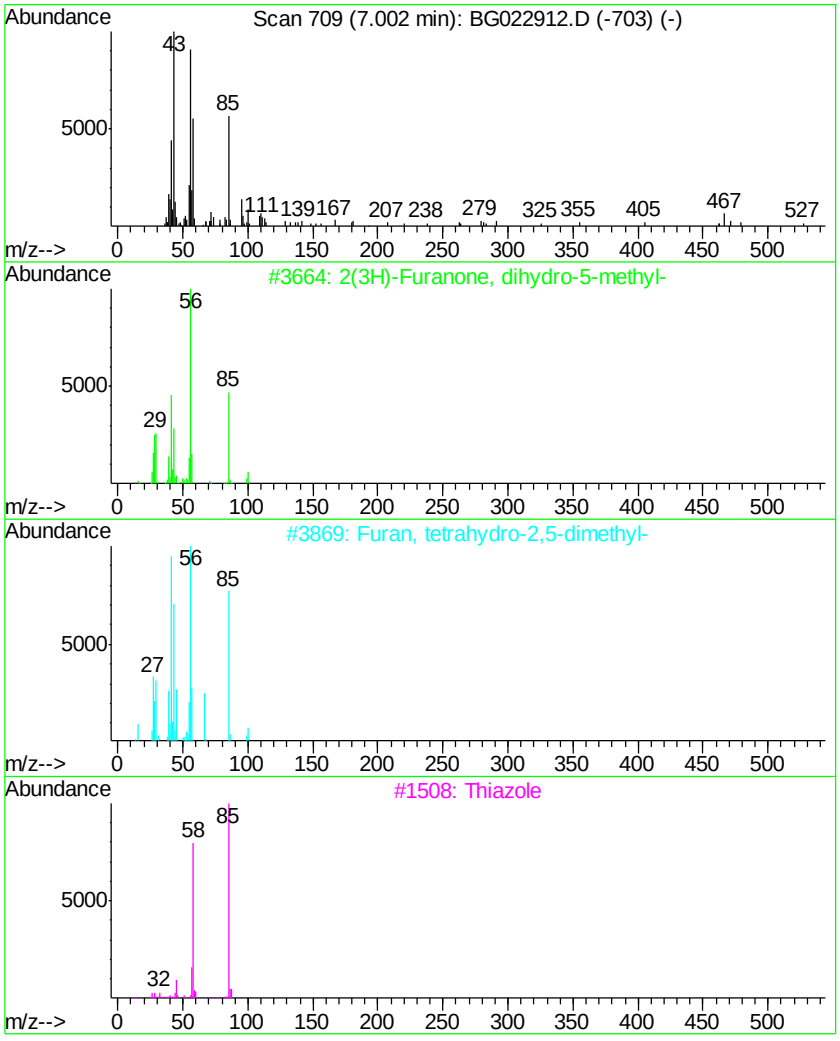
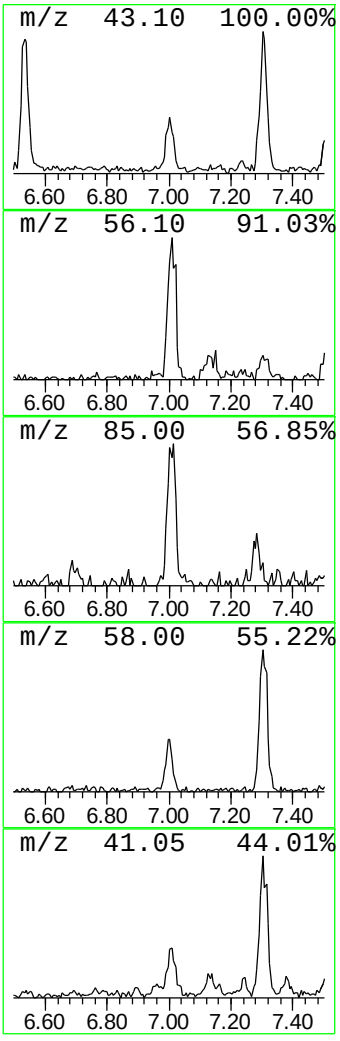
Peak Number 1 2(3H)-Furanone, dihydro-5-m... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	2.65 ng	112019	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, dihydro-5-methyl-	100	C5H8O2	000108-29-2	52
2	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	27
3	Thiazole	85	C3H3NS	000288-47-1	27
4	9-Azabicyclo[6.1.0]non-4-en-9-am...	138	C8H14N2	066387-78-8	25
5	2-Heptanone, 4-methyl-	128	C8H16O	006137-06-0	14





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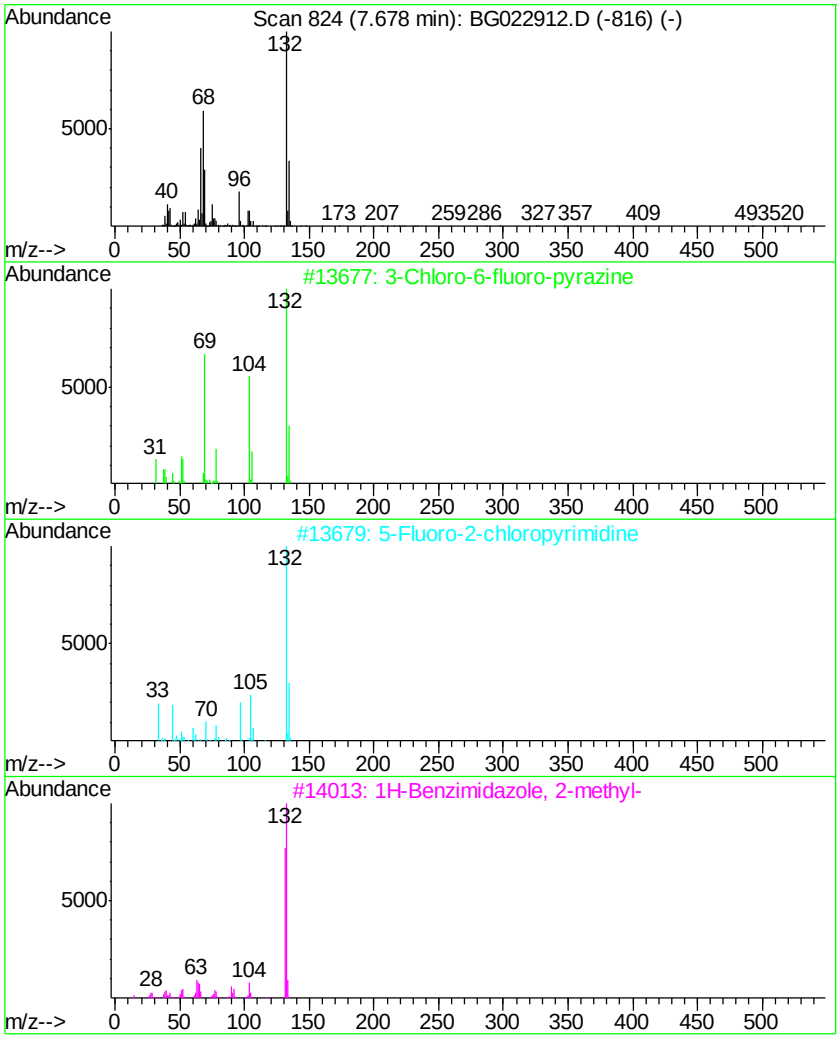
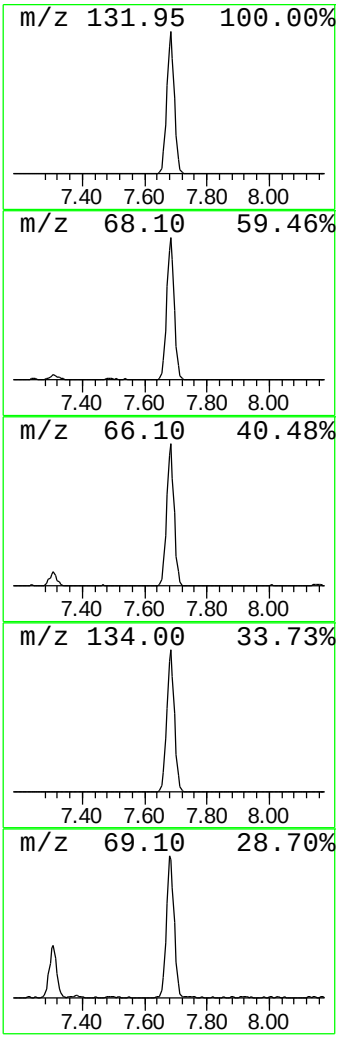
Peak Number 2 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	80.77 ng	3412850	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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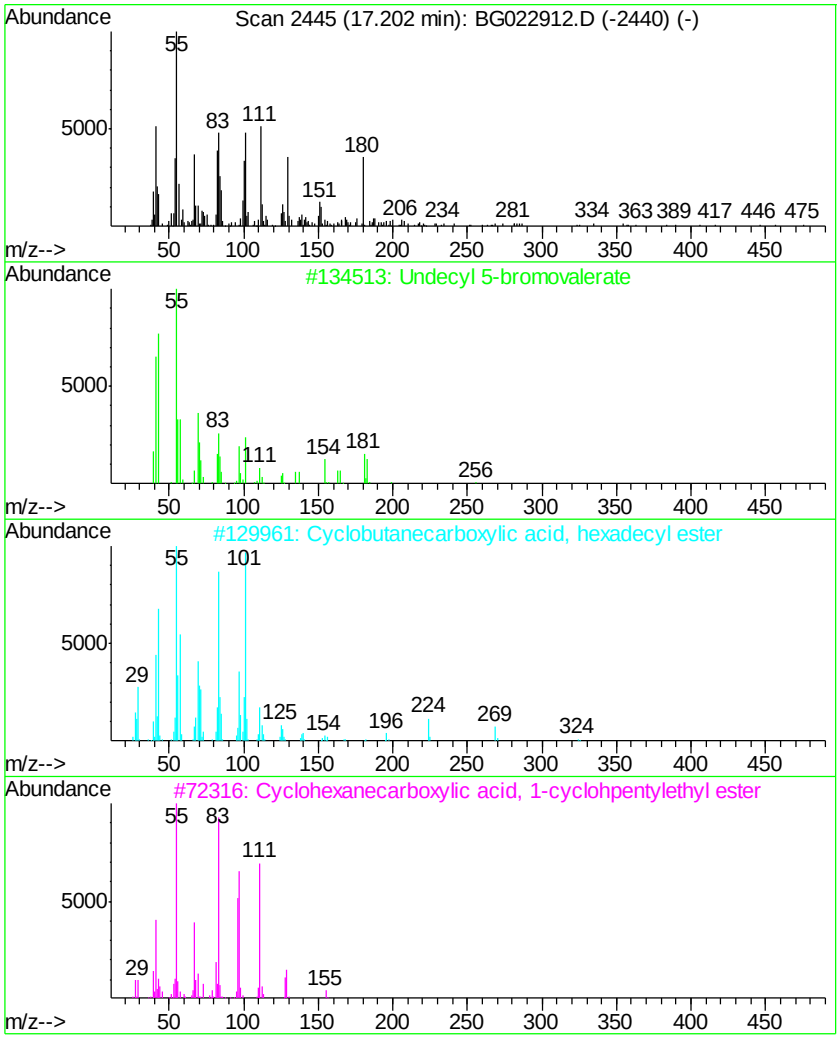
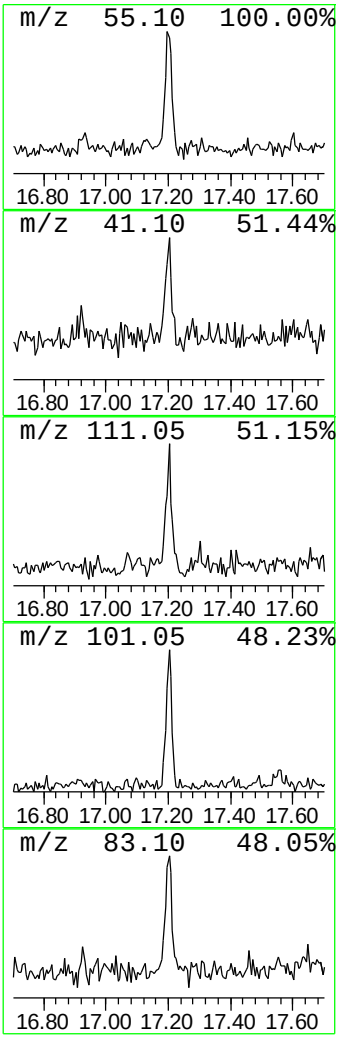
Peak Number 4 unknown17.20 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	2.07 ng	255639	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecyl 5-bromovalerate	334	C16H31BrO2	300381-07-1	32
2	Cyclobutanecarboxylic acid, hexa...	324	C21H40O2	1000280-41-2	30
3	Cyclohexanecarboxylic acid, 1-cy...	224	C14H24O2	1000279-52-6	27
4	Cyclohexanol, 2-(2-ethyl-1-hydro...	228	C14H28O2	006628-39-3	25
5	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	22





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Misc :
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Instrument : BNA_G
ClientSampleId : DUPLICATE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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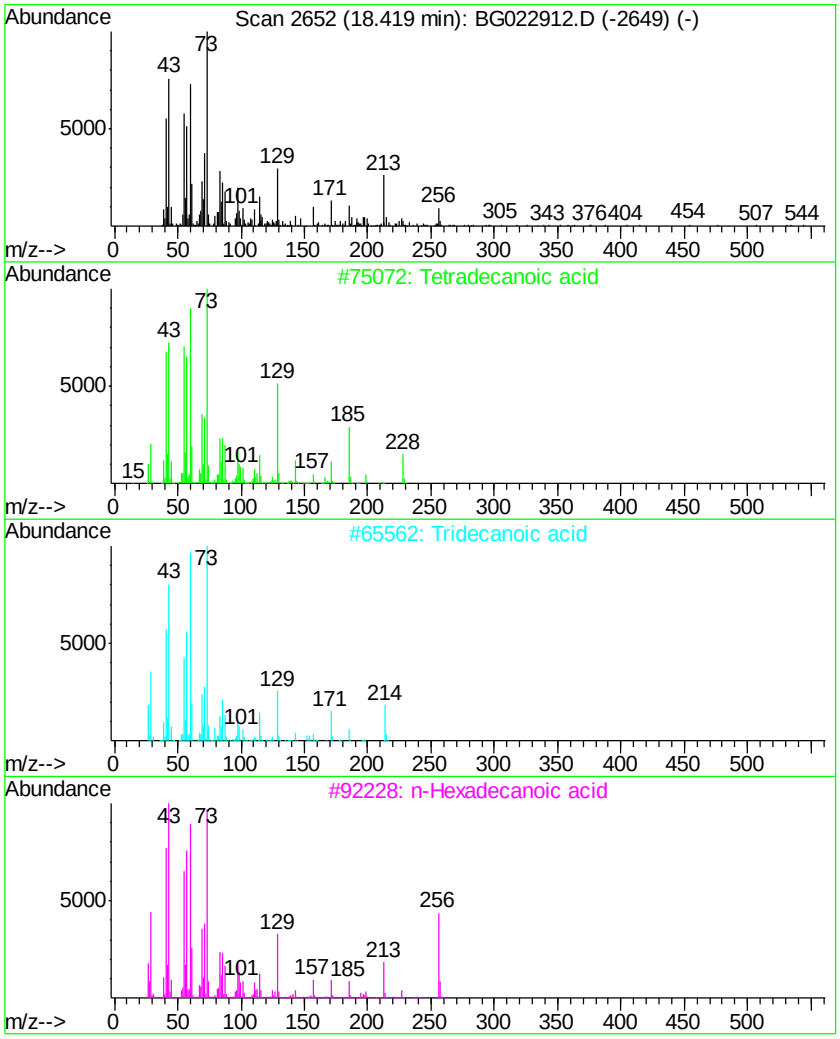
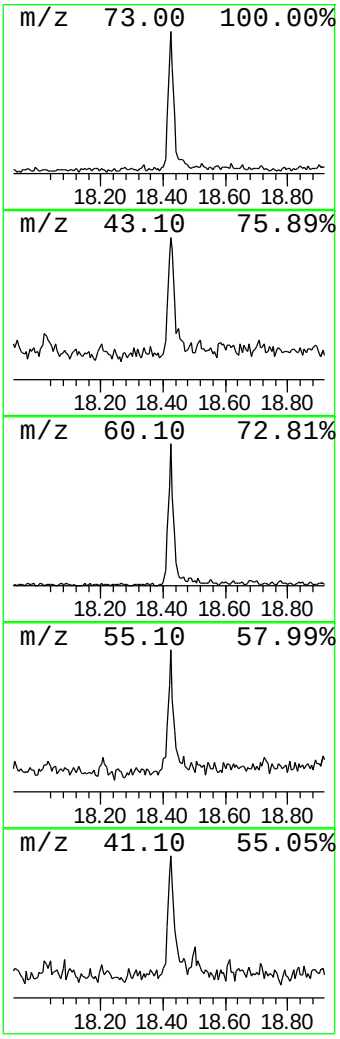
Peak Number 5 Tetradecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	5.07 ng	625232	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	70





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Sample : H3834-06
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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPLICATE

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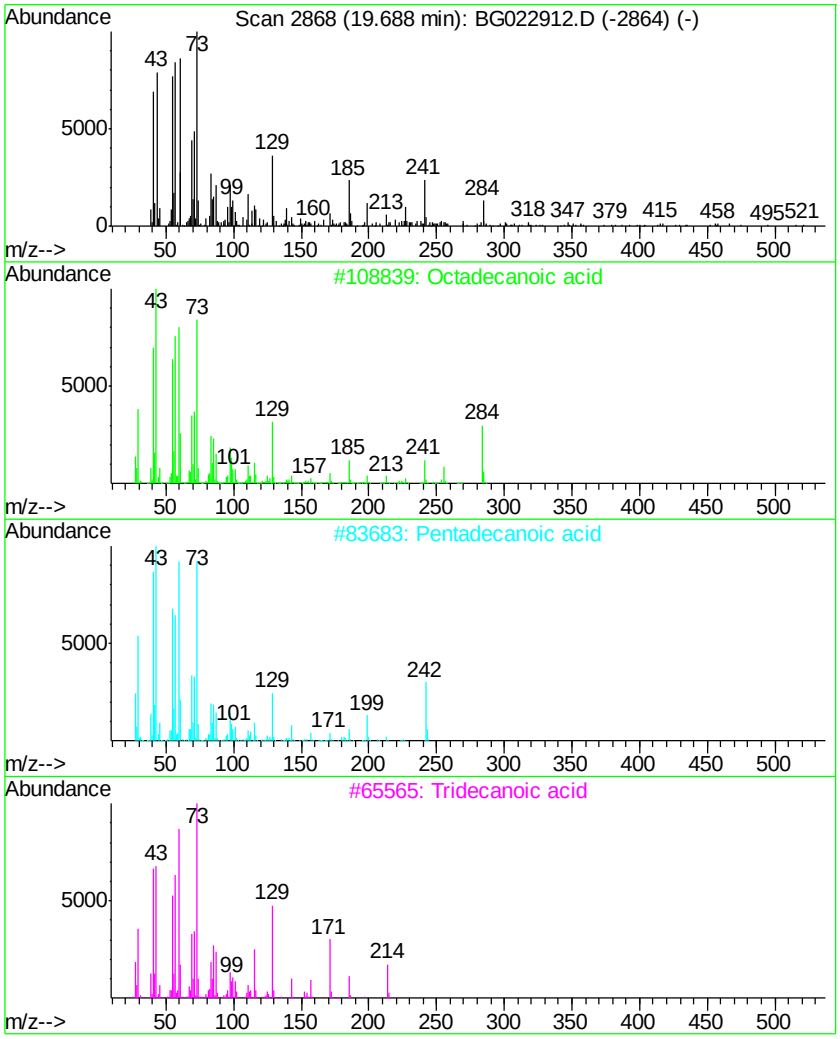
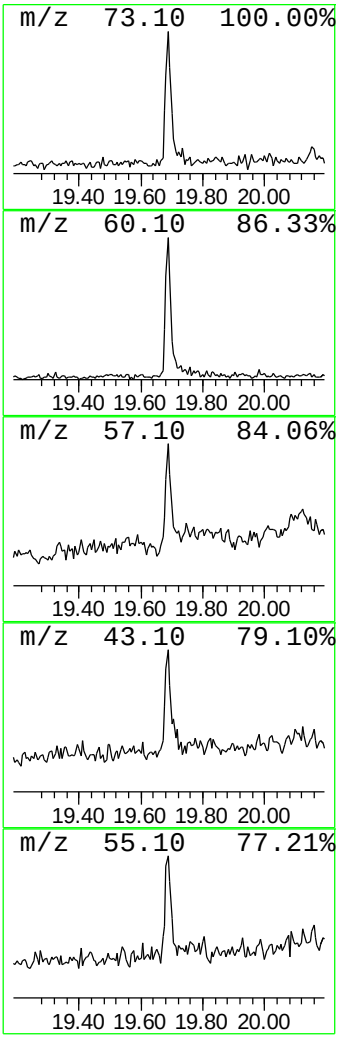
Peak Number 6 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	4.01 ng	493941	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	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Undecanoic acid	186	C11H22O2	000112-37-8	52
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	43





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(3H)-Furanone, d...	7.00	2.6	ng	112019	1	8.15	845045	20.0
unknown7.68	7.68	80.8	ng	3412850	1	8.15	845045	20.0
unknown17.20	17.20	2.1	ng	255639	4	17.55	2464380	20.0
Tetradecanoic acid	18.42	5.1	ng	625232	4	17.55	2464380	20.0
Octadecanoic acid	19.69	4.0	ng	493941	4	17.55	2464380	20.0