LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024014.D
Acq On : 17 Sep 2016 4:19
Operator : UM/SJ
Sample : H4811-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 091516-DRDC-F-U-M

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-BG083116.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	5.125	384	389	398	rVB	84300	141498	2.82%	0.665%
2	5.606	465	471	482	rBV	301581	519326	10.35%	2.442%
3	7.228	741	747	757	rBV2	206986	400869	7.99%	1.885%
4	7.586	800	808	818	rBV	626682	1104693	22.01%	5.194%
5	8.056	881	888	895	rBV	187719	333389	6.64%	1.568%
6	8.379	933	943	953	rBV	822211	1488935	29.67%	7.001%
7	9.237	1081	1089	1097	rBV	763577	1433489	28.56%	6.740%
8	10.887	1362	1370	1380	rBV	257606	482933	9.62%	2.271%
9	13.337	1780	1787	1797	rBV	2221060	3395219	67.65%	15.964%
10	14.177	1924	1930	1937	rBV	77751	128590	2.56%	0.605%
11	14.729	2017	2024	2031	rBV	497266	789004	15.72%	3.710%
12	15.716	2187	2192	2201	rVB4	28127	51926	1.03%	0.244%
13	16.016	2236	2243	2249	rBV2	73008	104694	2.09%	0.492%
14	16.227	2273	2279	2291	rBV	1337211	2166016	43.16%	10.184%
15	17.496	2489	2495	2503	rBV2	648398	1057117	21.06%	4.971%
16	18.366	2635	2643	2648	rBV3	64196	104599	2.08%	0.492%
17	19.106	2764	2769	2775	rBV2	35665	67315	1.34%	0.317%
18	19.634	2855	2859	2865	rBV3	77602	115239	2.30%	0.542%
19	19.952	2908	2913	2922	rVB7	36423	61474	1.22%	0.289%
20	20.099	2933	2938	2948	rBV	3743124	5018662	100.00%	23.597%
21	21.802	3222	3228	3237	rVB	693774	1159771	23.11%	5.453%
22	25.145	3786	3797	3812	rBV2	368973	1143058	22.78%	5.375%

Sum of corrected areas: 21267816

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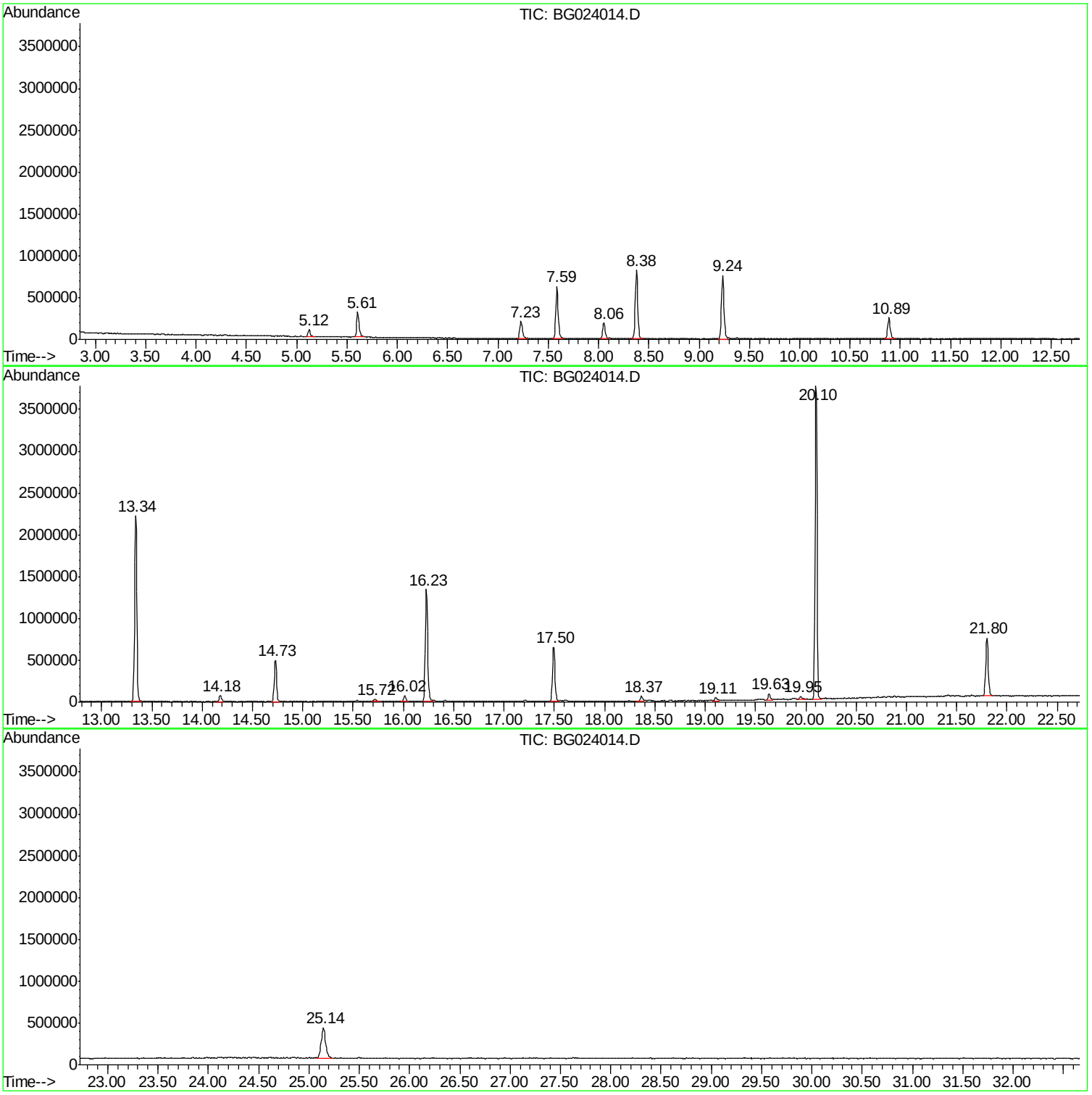
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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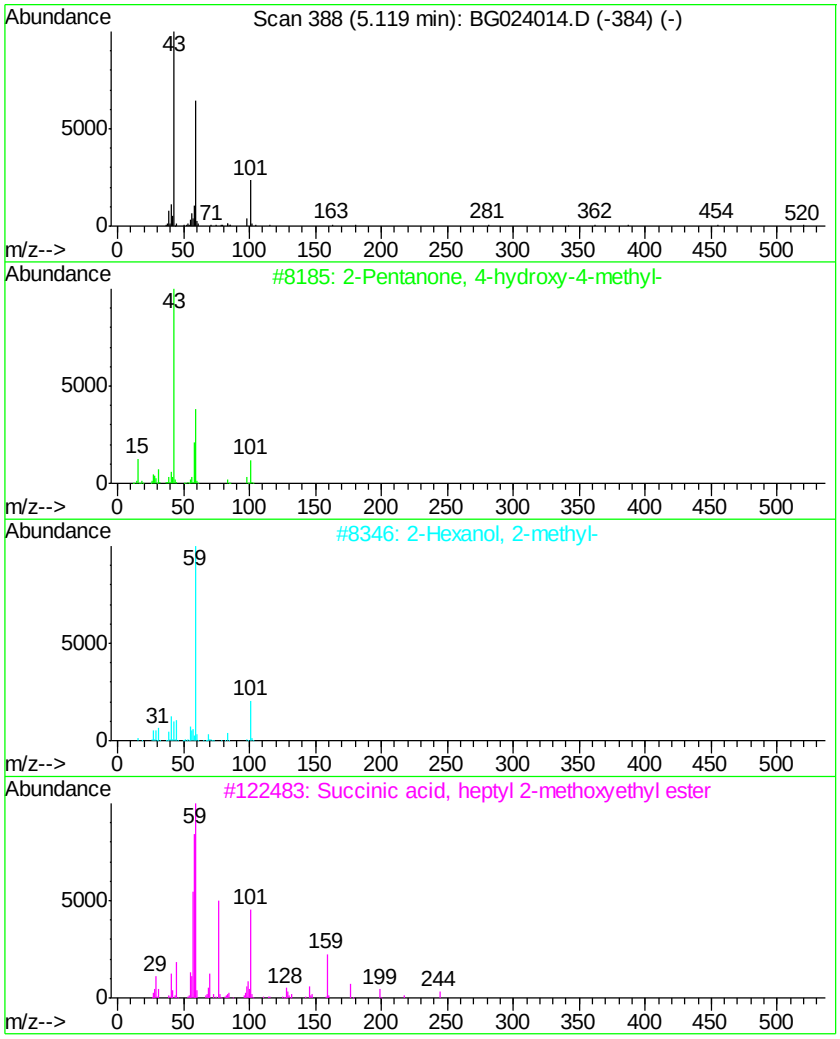
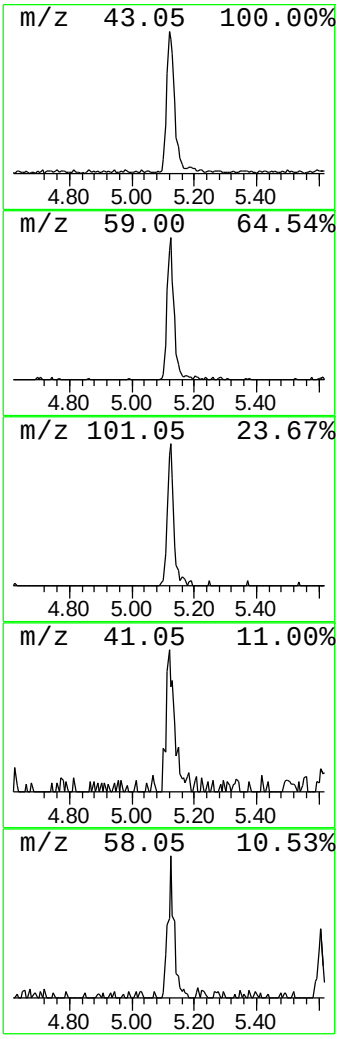
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	8.49 ng	141498	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	42
3	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	39
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	39
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	33





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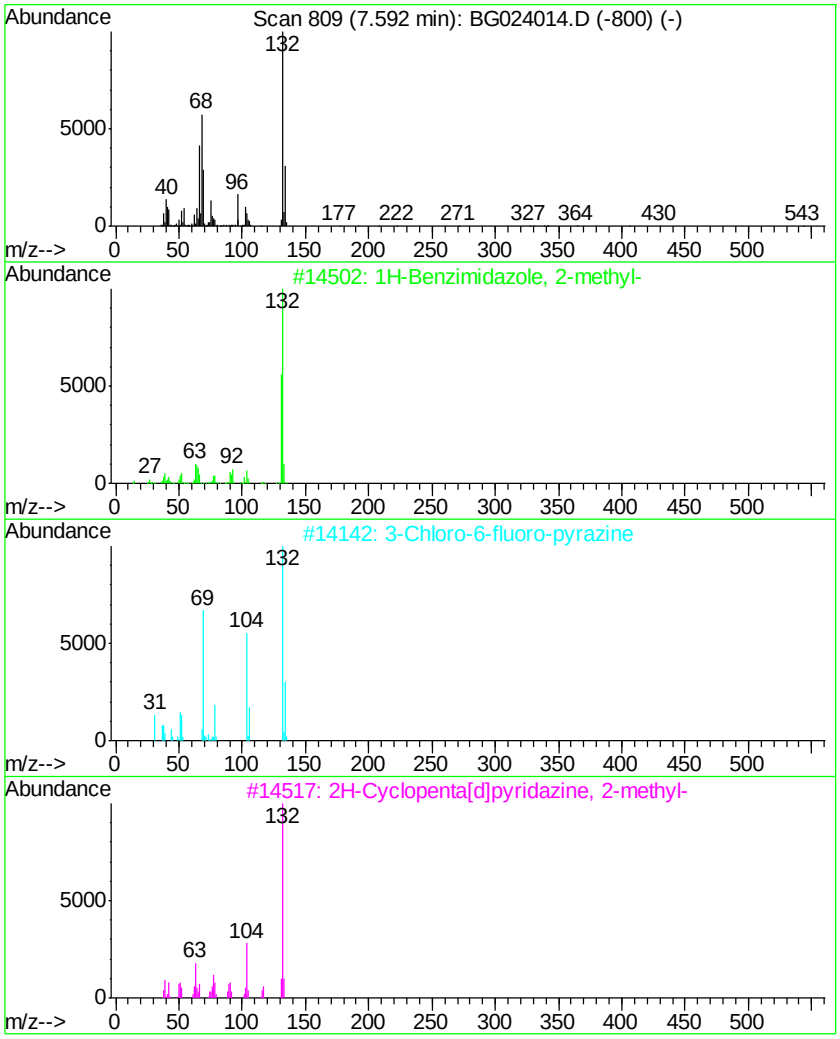
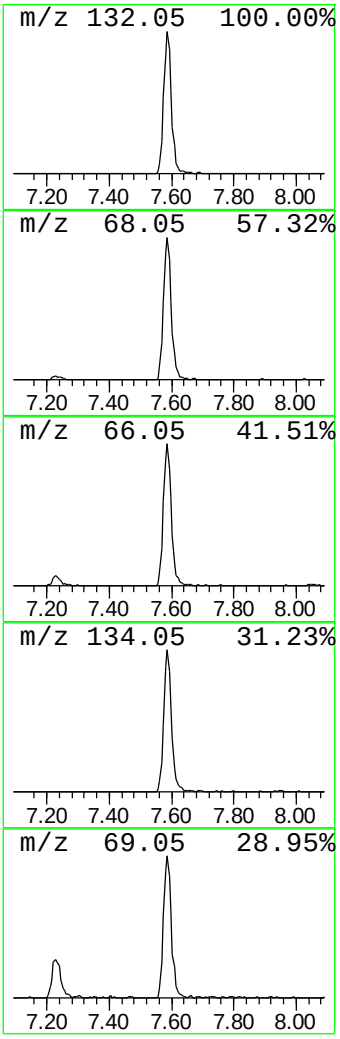
Peak Number 2 unknown7.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	66.27 ng	1104690	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	14
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
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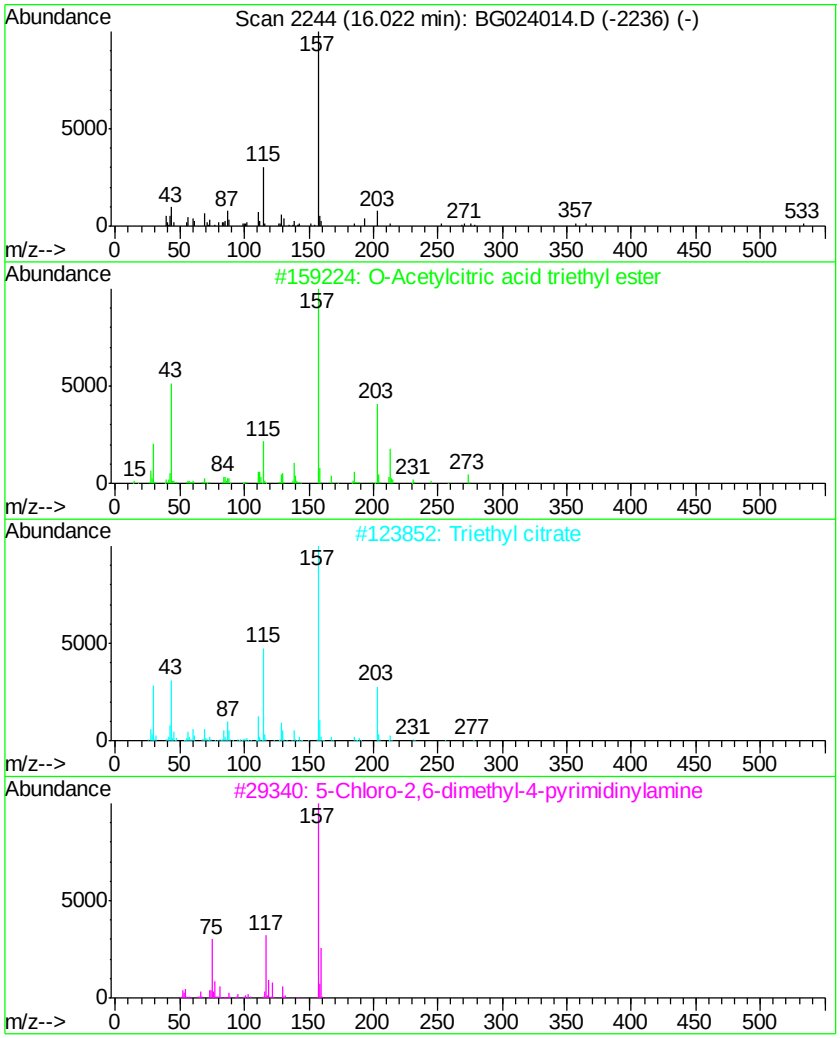
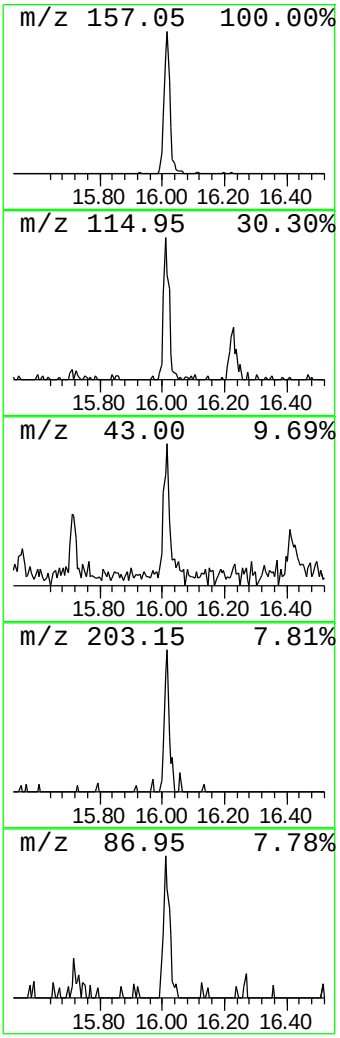
Peak Number 4 O-Acetylcitric acid triethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	2.65 ng	104694	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	O-Acetylcitric acid triethyl ester	318	C14H22O8	000077-89-4	64
2	Triethyl citrate	276	C12H20O7	000077-93-0	58
3	5-Chloro-2,6-dimethyl-4-pyrimidi...	157	C6H8ClN3	002858-20-0	47
4	Quinoline, 2,3-dimethyl-	157	C11H11N	001721-89-7	42
5	Quinoline, 2,4-dimethyl-	157	C11H11N	001198-37-4	36





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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
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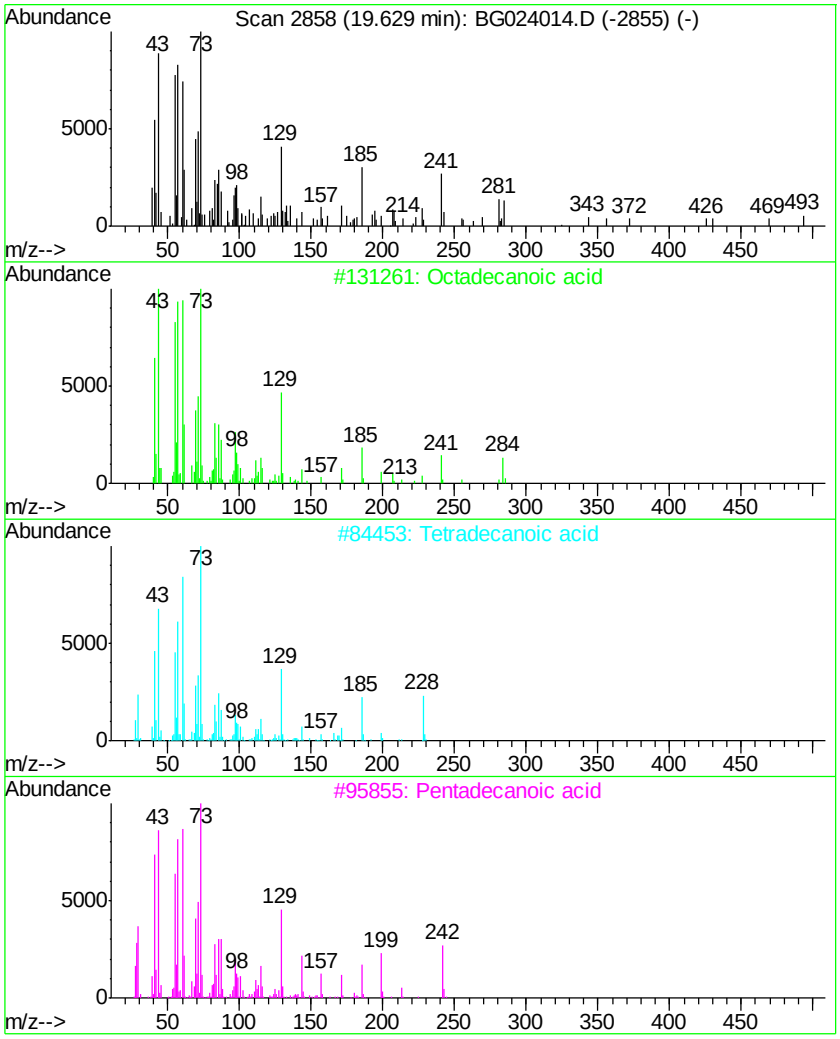
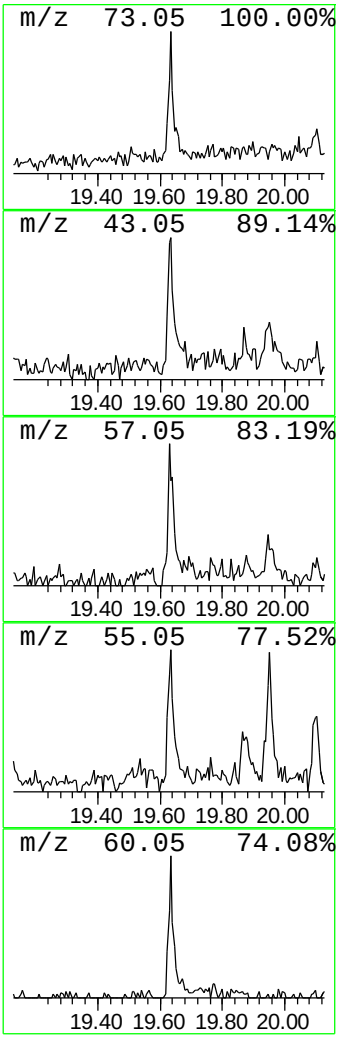
Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	2.18 ng	115239	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	58
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
4	Dodecanoic acid	200	C12H24O2	000143-07-7	47
5	Tridecanoic acid	214	C13H26O2	000638-53-9	46





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...	5.12	8.5	ng	141498	1	8.06	333389	20.0
unknown7.59	7.59	66.3	ng	1104690	1	8.06	333389	20.0
O-Acetylcitric ac...	16.02	2.6	ng	104694	3	14.73	789004	20.0
Octadecanoic acid	19.63	2.2	ng	115239	4	17.49	1057120	20.0