LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022973.D
Acq On : 9 Jul 2016 20:08
Operator : UM/SJ
Sample : H3889-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-5

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	3.043	30	35	40	rBV2	65351	90884	1.06%	0.195%
2	5.223	401	406	413	rVB	95405	148166	1.73%	0.317%
3	5.699	479	487	498	rVB	1379027	2306255	26.95%	4.940%
4	7.303	751	760	769	rBV	1910300	3342107	39.06%	7.158%
5	7.679	815	824	839	rBV	1618425	2880300	33.66%	6.169%
6	8.155	896	905	912	rBV	394454	701434	8.20%	1.502%
7	8.478	953	960	967	rVB	1038793	1829631	21.38%	3.919%
8	9.324	1095	1104	1114	rBV	1232130	2226937	26.03%	4.770%
9	10.981	1377	1386	1395	rBV	613240	1126430	13.16%	2.413%
10	13.413	1793	1800	1811	rBV	3714833	5800032	67.79%	12.423%
11	14.236	1932	1940	1946	rBV	585682	868900	10.15%	1.861%
12	14.794	2028	2035	2043	rBV3	1120088	1824386	21.32%	3.908%
13	16.286	2282	2289	2298	rBV	3703921	5670440	66.27%	12.145%
14	16.480	2316	2322	2325	rBV	76771	116660	1.36%	0.250%
15	17.273	2453	2457	2462	rVB	93614	120014	1.40%	0.257%
16	17.549	2496	2504	2513	rBV	1475959	2320026	27.11%	4.969%
17	18.419	2647	2652	2657	rBV2	335747	475997	5.56%	1.020%
18	19.682	2863	2867	2875	rVB3	86237	122478	1.43%	0.262%
19	20.152	2941	2947	2955	rVB	6419018	8556474	100.00%	18.327%
20	21.451	3162	3168	3178	rBV	478846	899682	10.51%	1.927%
21	21.844	3229	3235	3243	rVB2	1537577	2612244	30.53%	5.595%
22	24.200	3632	3636	3642	rVB5	73385	139061	1.63%	0.298%
23	25.205	3796	3807	3821	rVB2	817740	2509822	29.33%	5.376%

Sum of corrected areas: 46688360

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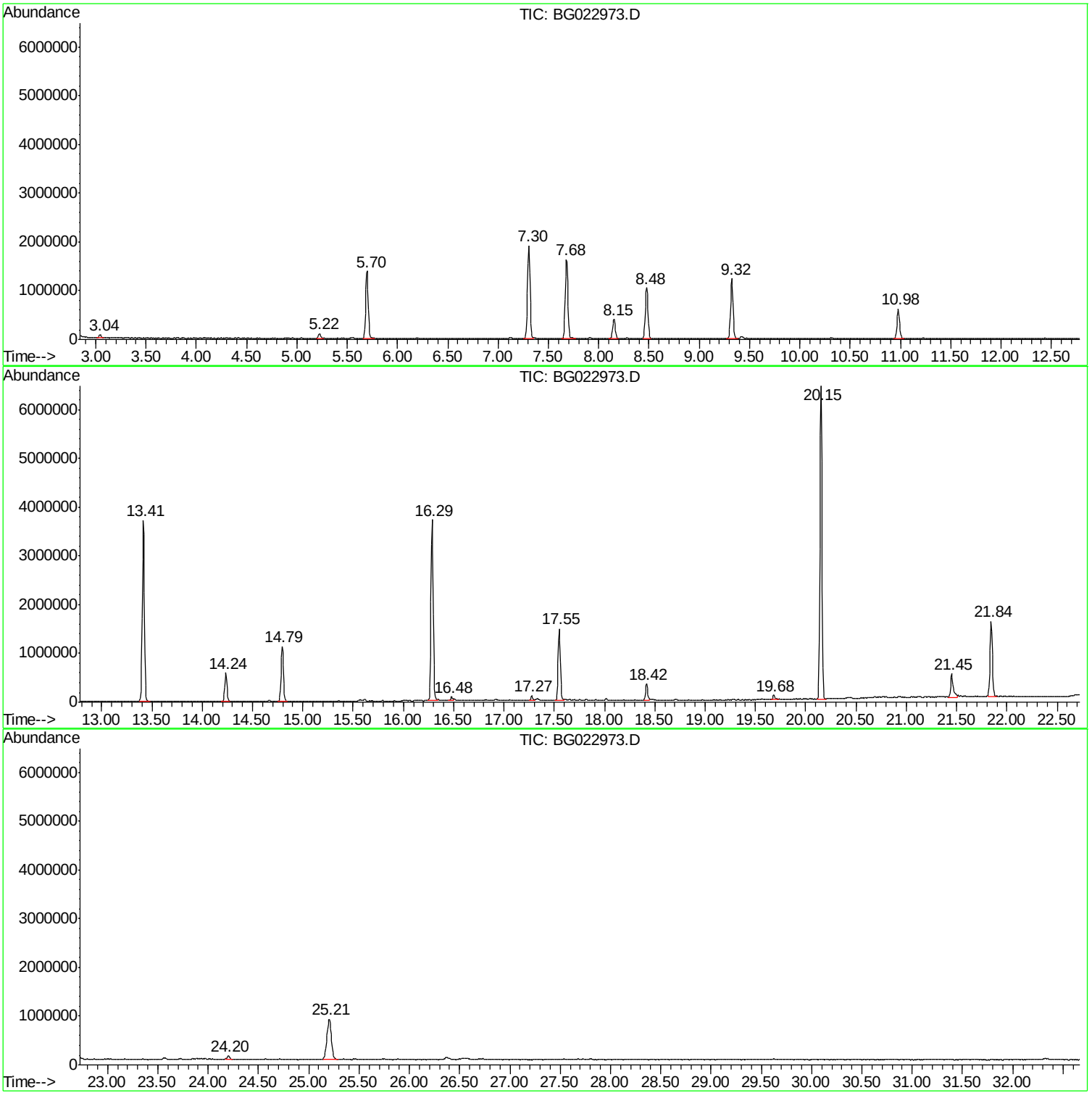
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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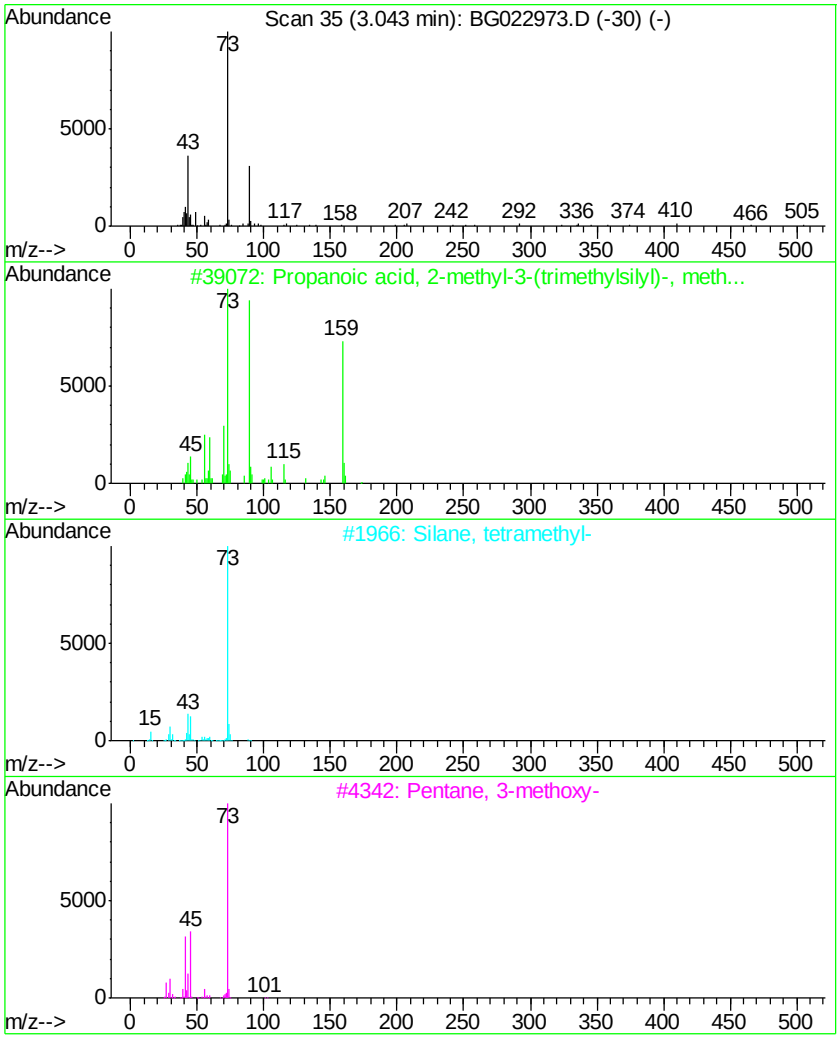
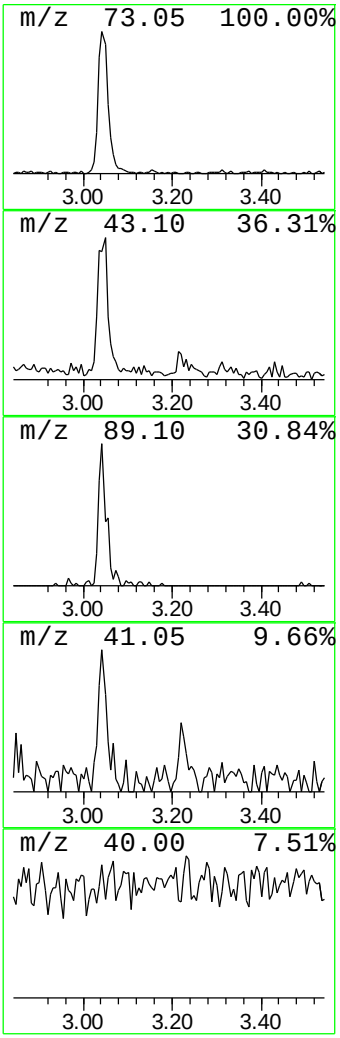
Peak Number 1 unknown3.04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	2.59 ng	90884	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-3-(trim...	174	C8H18O2Si	018388-42-6	40
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	14
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	2,2'-Trimethylenebis-1,3-dioxolane	188	C9H16O4	006543-04-0	9
5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	9





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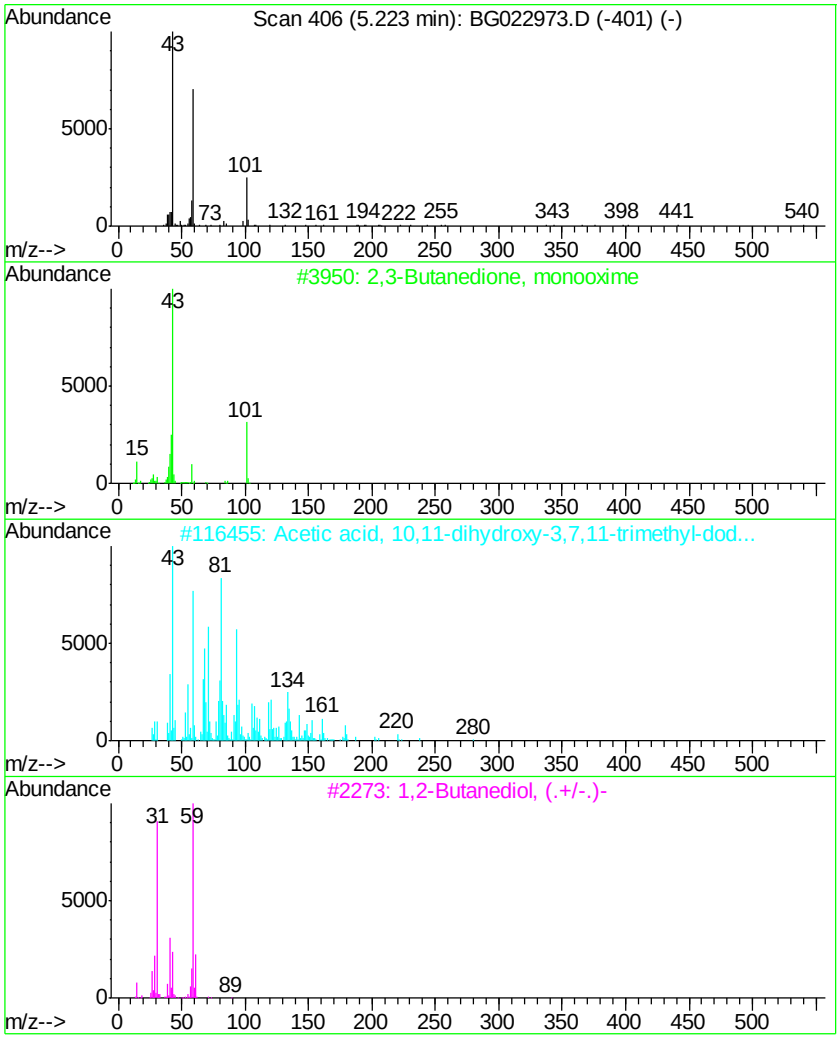
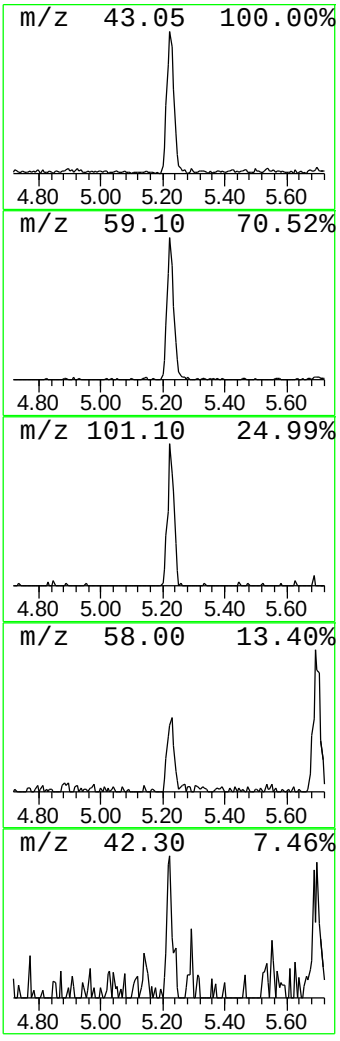
Peak Number 2 unknown5.22 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	4.22 ng	148166	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
2	Acetic acid, 10,11-dihydroxy-3,7...	298	C17H30O4	1000194-28-5	37
3	1,2-Butanediol, (.+/-.)-	90	C4H10O2	026171-83-5	17
4	2-Hydroxy-2-methyl-4-methylthioh...	188	C9H16O2S	1000187-67-9	9
5	Methyl acetoxyacetate	132	C5H8O4	005837-80-9	9





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ClientSampleId : SS-5

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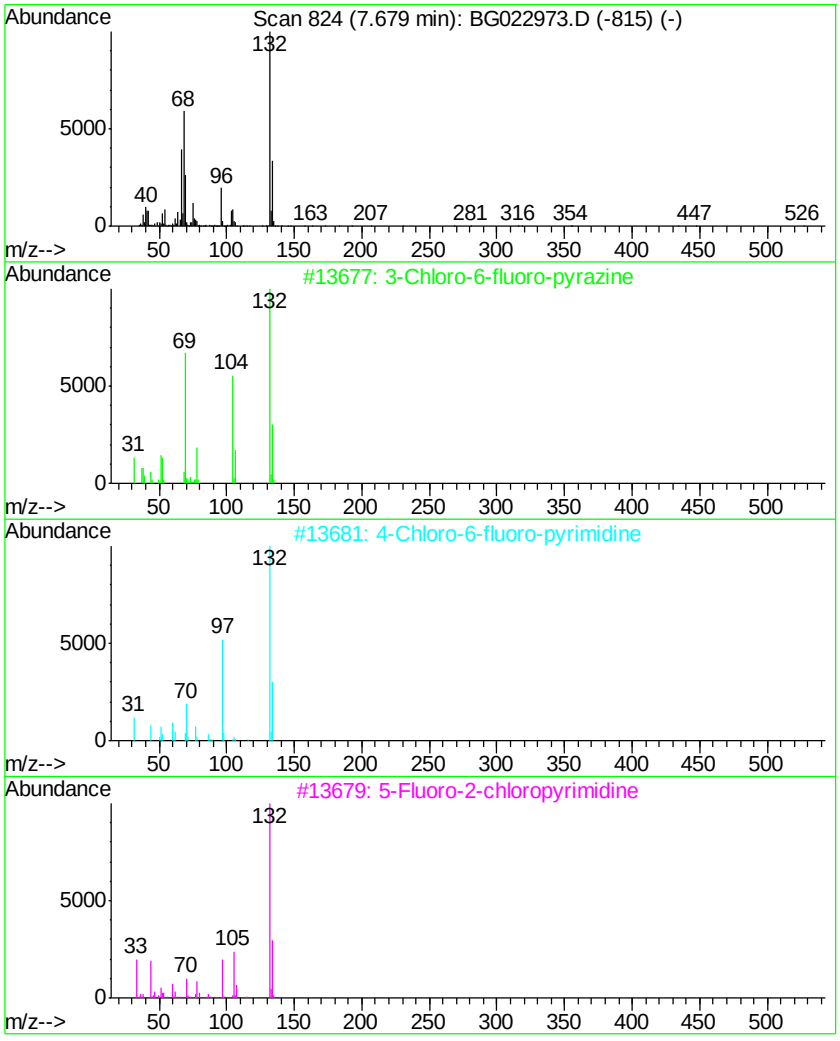
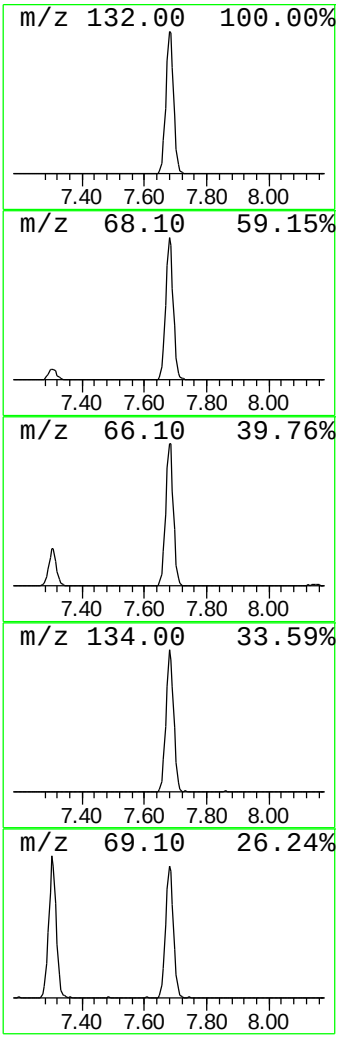
Peak Number 3 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	82.13 ng	2880300	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	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





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Misc :
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Instrument : BNA_G
ClientSampleId : SS-5

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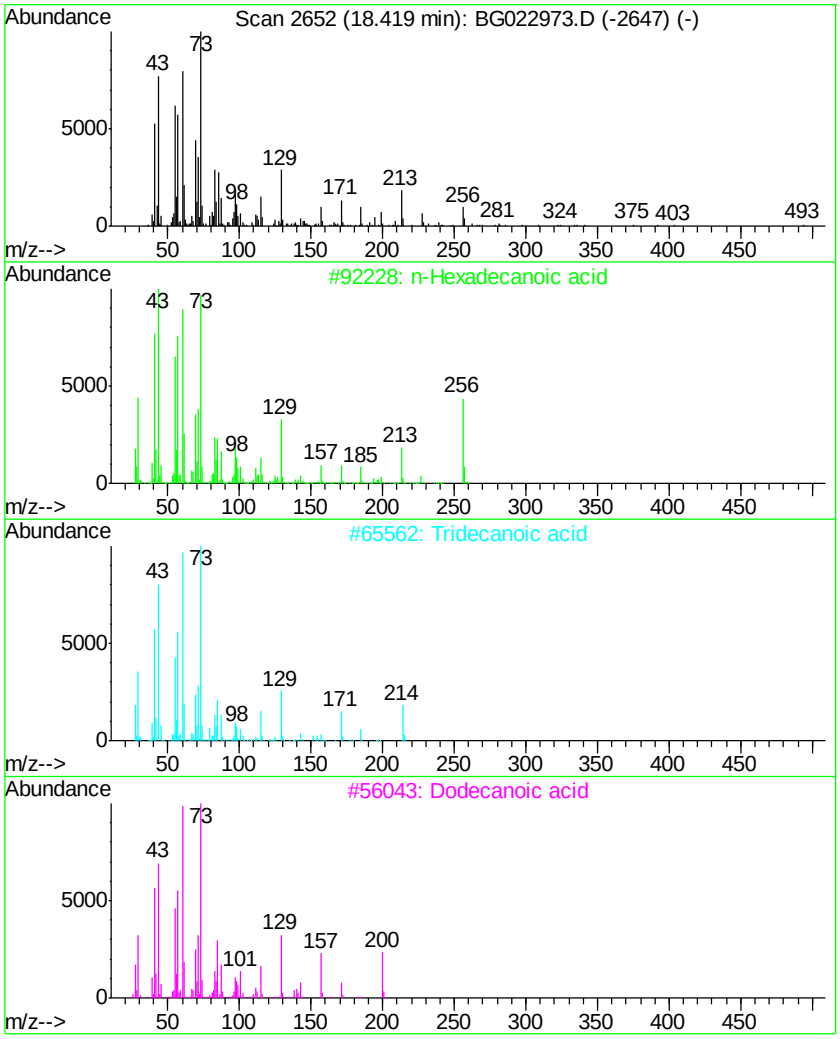
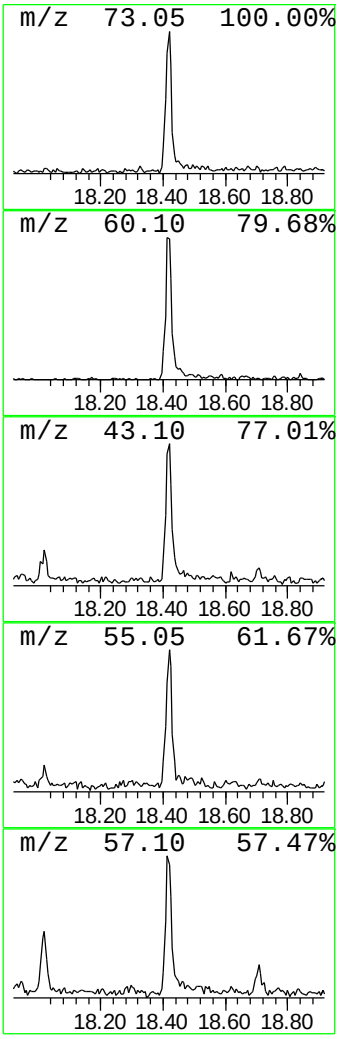
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	4.10 ng	475997	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Dodecanoic acid	200	C12H24O2	000143-07-7	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53





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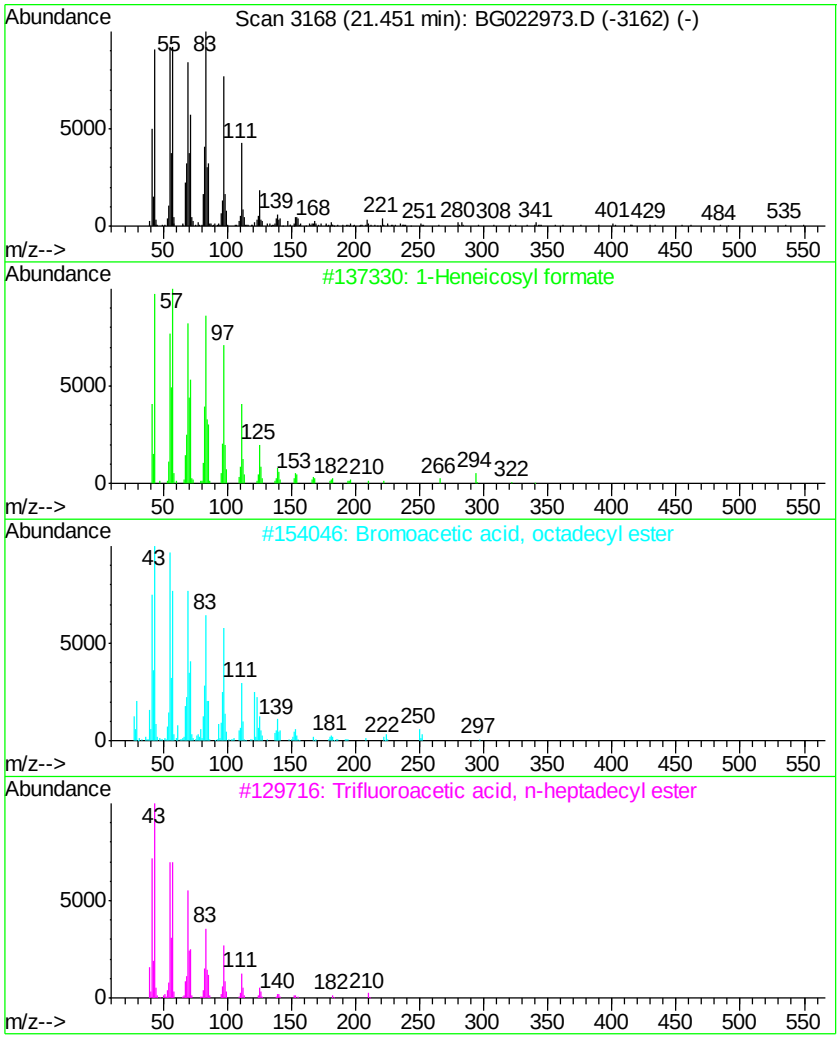
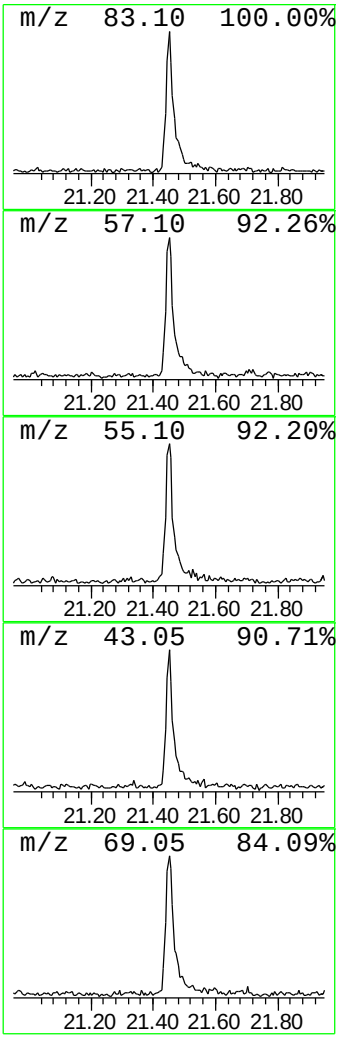
Peak Number 6 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	6.89 ng	899682	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	90
4	Cyclopentadecane	210	C15H30	000295-48-7	87
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	87





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.04	3.04	2.6	ng	90884	1	8.15	701434	20.0
unknown5.22	5.22	4.2	ng	148166	1	8.15	701434	20.0
unknown7.68	7.68	82.1	ng	2880300	1	8.15	701434	20.0
n-Hexadecanoic acid	18.42	4.1	ng	475997	4	17.55	2320030	20.0
1-Heneicosyl formate	21.45	6.9	ng	899682	5	21.84	2612240	20.0