LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023861.D
Acq On : 23 Aug 2016 20:04
Operator : UM/SJ
Sample : H4556-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18A(17-19)

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-BG080116.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	2.963	16	21	39	rBV	6226591	9723642	100.00%	18.258%
2	5.154	387	394	404	rBV	588931	923643	9.50%	1.734%
3	5.630	468	475	487	rBV	2116803	3470561	35.69%	6.517%
4	7.246	741	750	763	rBV	2136653	3893743	40.04%	7.311%
5	7.616	805	813	828	rBV	2111853	3739463	38.46%	7.021%
6	8.086	886	893	900	rBV	367215	650930	6.69%	1.222%
7	8.415	942	949	960	rBV	1577654	2715981	27.93%	5.100%
8	9.267	1087	1094	1105	rBV	1336134	2428000	24.97%	4.559%
9	10.923	1368	1376	1385	rBV	513528	930566	9.57%	1.747%
10	13.373	1786	1793	1804	rBV	3083805	5107072	52.52%	9.589%
11	14.207	1928	1935	1943	rBV	577873	864342	8.89%	1.623%
12	14.765	2022	2030	2038	rBV2	770182	1294887	13.32%	2.431%
13	16.263	2278	2285	2295	rBV	2745450	4265813	43.87%	8.010%
14	16.451	2311	2317	2325	rBV	73687	131835	1.36%	0.248%
15	17.526	2492	2500	2513	rBV	1067138	1624797	16.71%	3.051%
16	18.395	2643	2648	2658	rBV2	176661	272865	2.81%	0.512%
17	19.664	2860	2864	2870	rBV3	64951	99038	1.02%	0.186%
18	20.134	2937	2944	2950	rBV	5565875	7268242	74.75%	13.647%
19	21.438	3162	3166	3180	rBV5	73046	227268	2.34%	0.427%
20	21.838	3227	3234	3243	rBV	1069492	1851109	19.04%	3.476%
21	25.221	3799	3810	3824	rVB2	558913	1774006	18.24%	3.331%

Sum of corrected areas: 53257803

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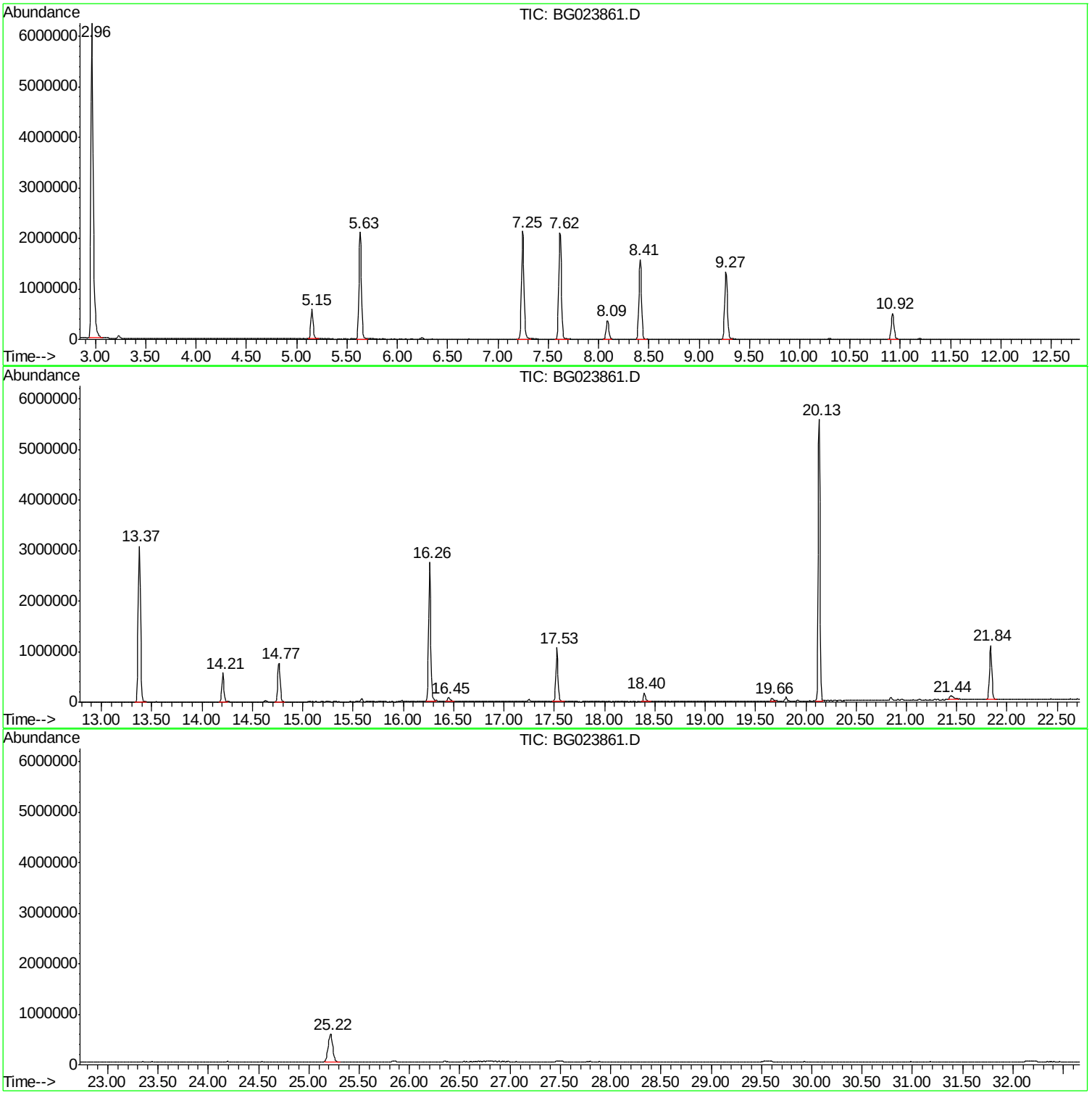
Instrument : BNA_G
ClientSampleId : SB-18A(17-19)

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.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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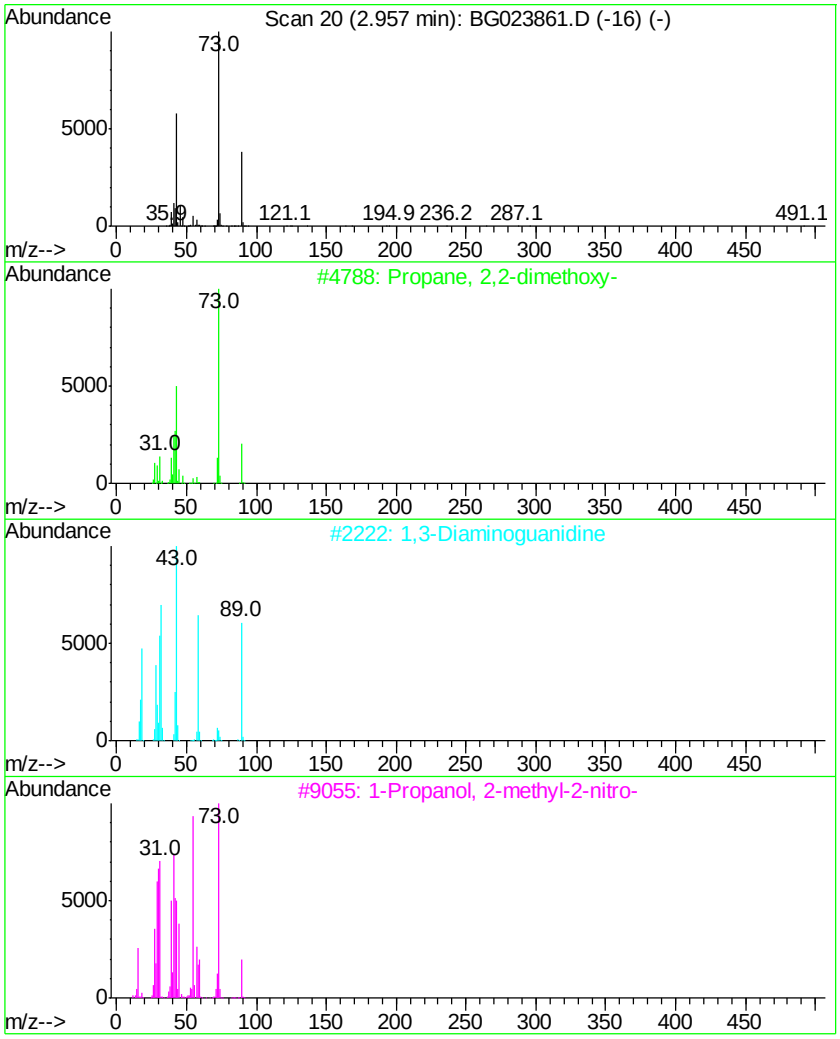
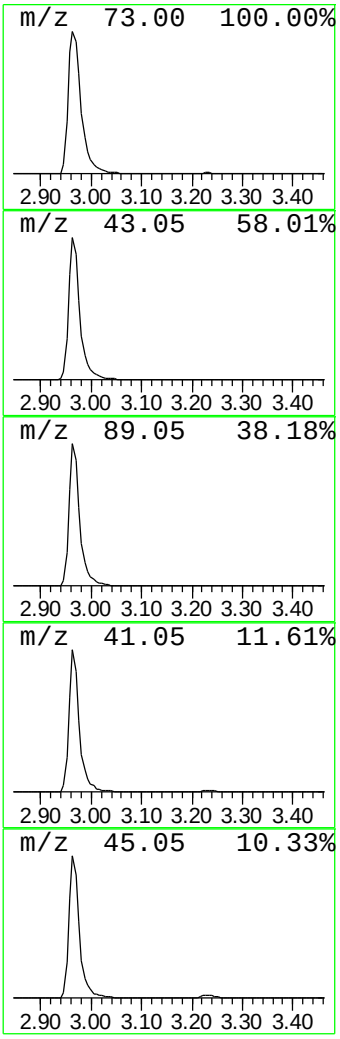
Peak Number 1 unknown2.96 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	298.76 ng	9723640	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	40
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	23
3	1-Propanol, 2-methyl-2-nitro-	119	C4H9NO3	000076-39-1	9
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	9





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ClientSampleId : SB-18A(17-19)

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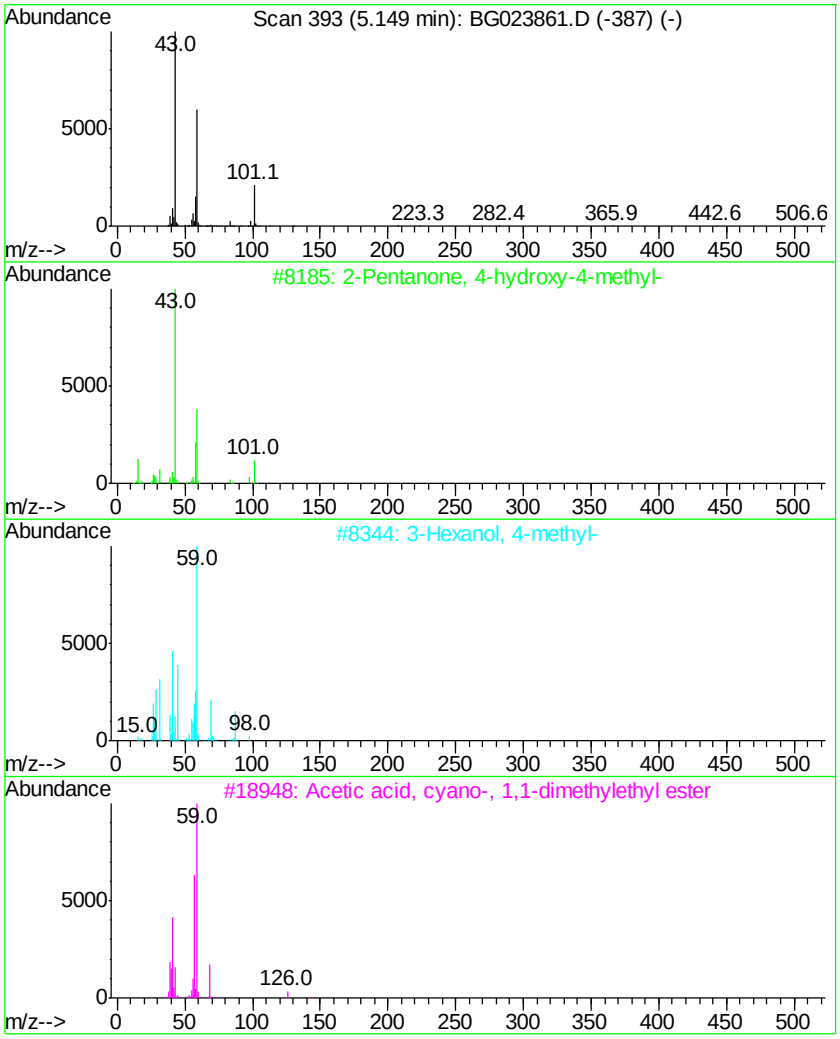
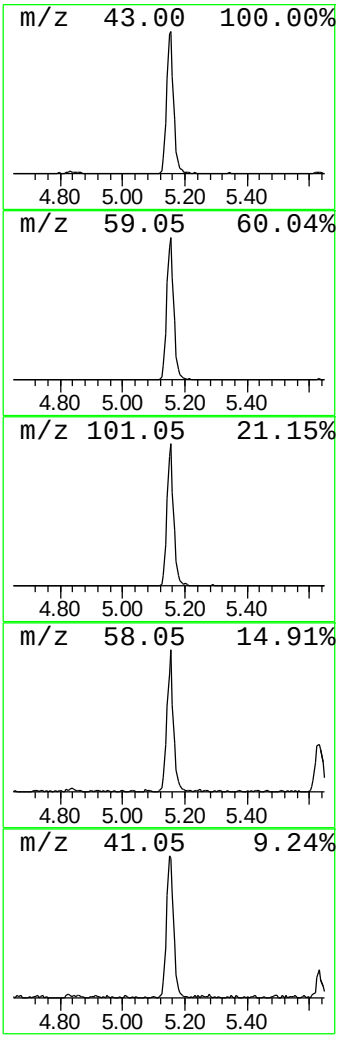
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	28.38 ng	923643	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Instrument : BNA_G
ClientSampleId : SB-18A(17-19)

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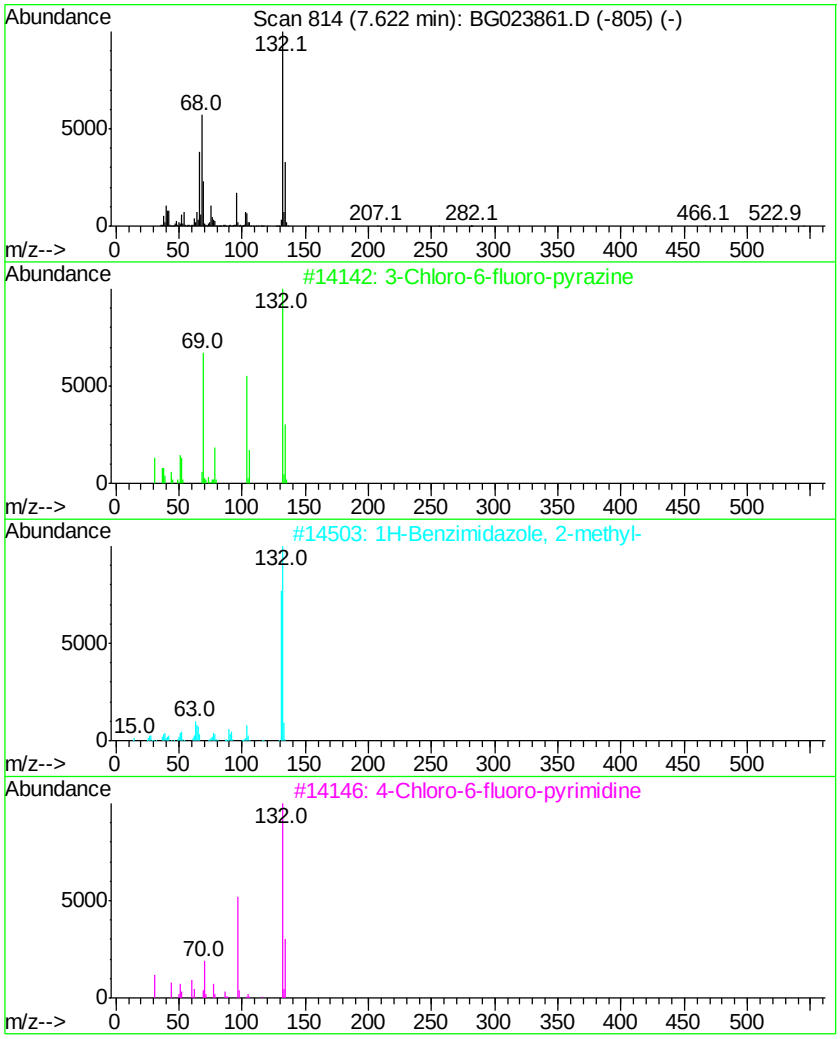
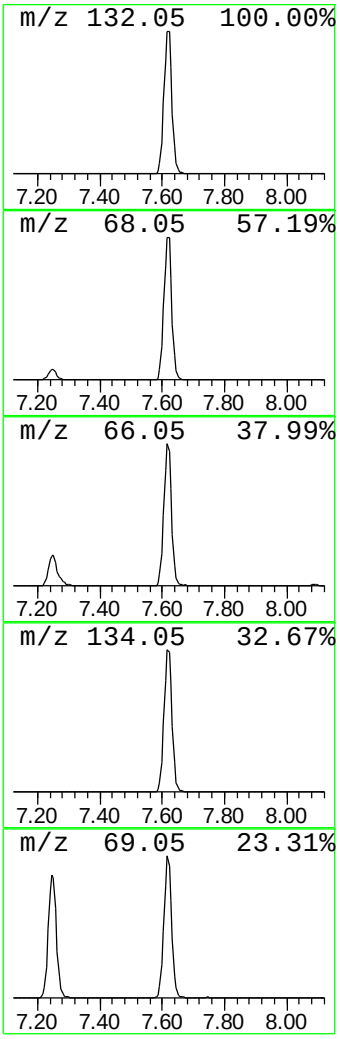
Peak Number 3 unknown7.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	114.90 ng	3739460	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10





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Misc :
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Instrument : BNA_G
ClientSampleId : SB-18A(17-19)

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
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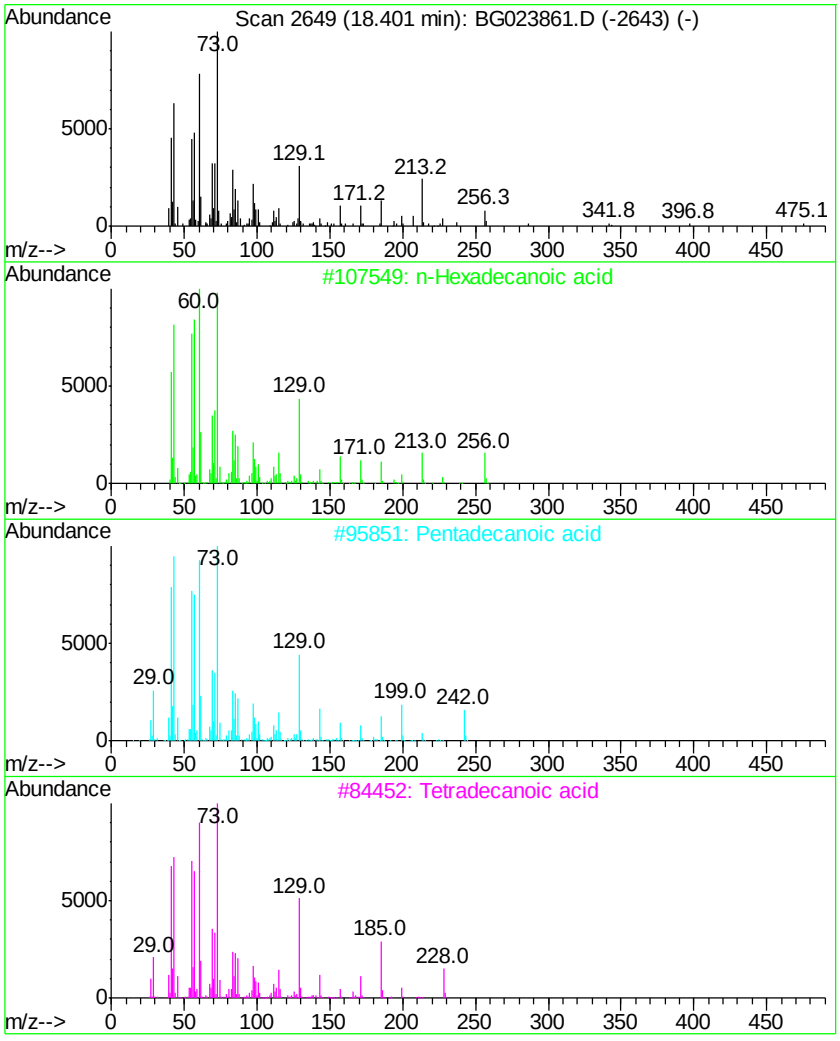
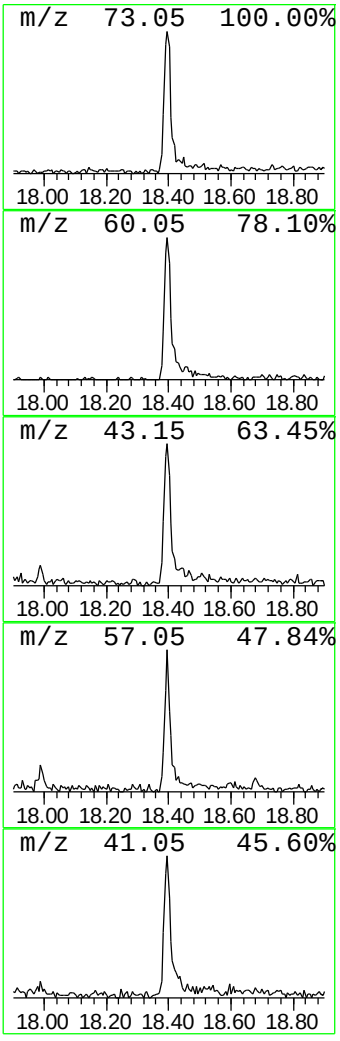
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	3.36 ng	272865	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Dodecanoic acid	200	C12H24O2	000143-07-7	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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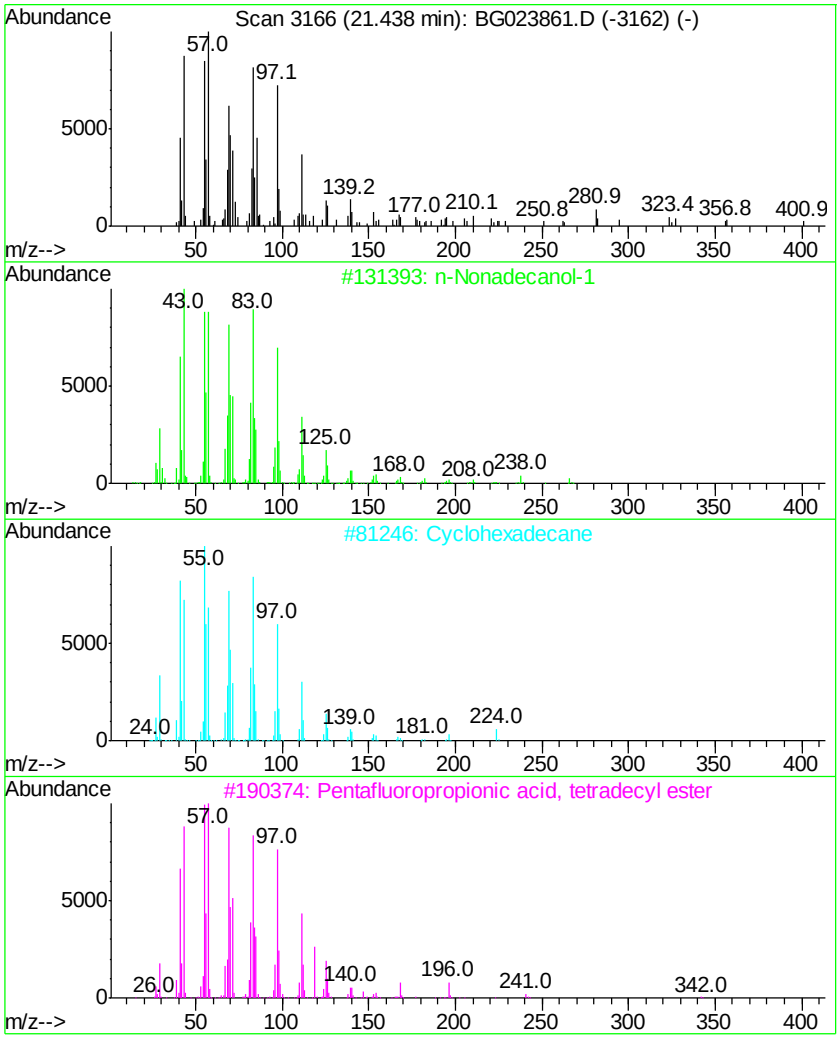
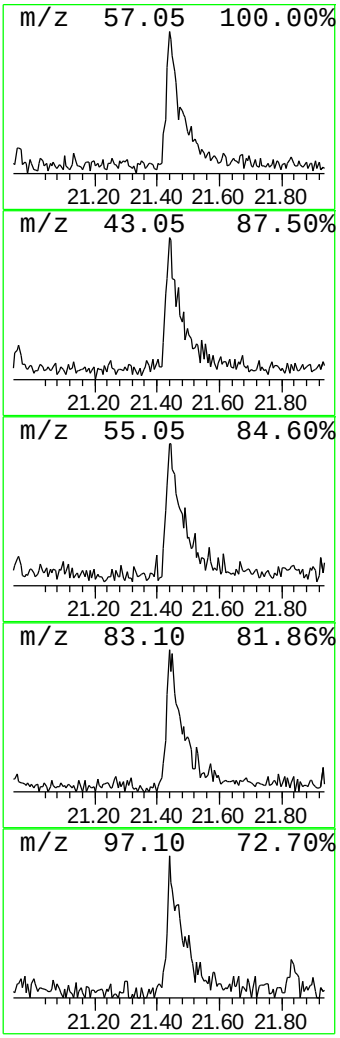
****

Peak Number 6 n-Nonadecanol-1 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	2.46 ng	227268	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
2	Cyclohexadecane	224	C16H32	000295-65-8	90
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	87
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	87
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	87





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
unknown2.96	2.96	298.8	ng	9723640	1	8.09	650930	20.0
2-Pentanone, 4-hy...	5.15	28.4	ng	923643	1	8.09	650930	20.0
unknown7.62	7.62	114.9	ng	3739460	1	8.09	650930	20.0
n-Hexadecanoic acid	18.40	3.4	ng	272865	4	17.53	1624800	20.0
n-Nonadecanol-1	21.44	2.5	ng	227268	5	21.84	1851110	20.0