LSC Area Percent Report

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022948.D
Acq On : 9 Jul 2016 2:45
Operator : UM/SJ
Sample : H3900-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-4

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	3.044	30	35	41	rVB	123670	162530	1.96%	0.360%
2	5.224	400	406	413	rBV	368016	565199	6.82%	1.250%
3	5.699	480	487	501	rBV	1584229	2591257	31.29%	5.732%
4	7.309	753	761	769	rBV	1930123	3282062	39.63%	7.260%
5	7.679	817	824	834	rBV	1661888	2954709	35.68%	6.536%
6	8.150	896	904	912	rBV	407411	714673	8.63%	1.581%
7	8.479	953	960	971	rVB	1246006	2218435	26.79%	4.907%
8	9.325	1097	1104	1118	rVB	1190163	2141415	25.86%	4.737%
9	10.982	1379	1386	1395	rVB	600547	1112615	13.43%	2.461%
10	13.414	1792	1800	1809	rBV	3416280	5383802	65.01%	11.909%
11	14.236	1935	1940	1947	rBV	420598	640341	7.73%	1.416%
12	14.801	2027	2036	2045	rBV2	1109262	1882360	22.73%	4.164%
13	16.287	2282	2289	2302	rBV	2676311	4199967	50.71%	9.290%
14	16.481	2318	2322	2327	rBV3	71597	111822	1.35%	0.247%
15	17.280	2453	2458	2462	rBV	73884	89706	1.08%	0.198%
16	17.550	2498	2504	2512	rBV2	1488976	2343322	28.29%	5.183%
17	20.153	2941	2947	2955	rBV	6060489	8281935	100.00%	18.320%
18	20.929	3075	3079	3084	rBV3	106782	152425	1.84%	0.337%
19	21.452	3164	3168	3174	rBV3	213299	316860	3.83%	0.701%
20	21.845	3228	3235	3242	rBV2	1575449	2732517	32.99%	6.044%
21	23.349	3485	3491	3500	rBV3	398278	780585	9.43%	1.727%
22	25.206	3797	3807	3817	rVB2	878453	2549591	30.78%	5.640%

Sum of corrected areas: 45208128

LSC Report - Integrated Chromatogram

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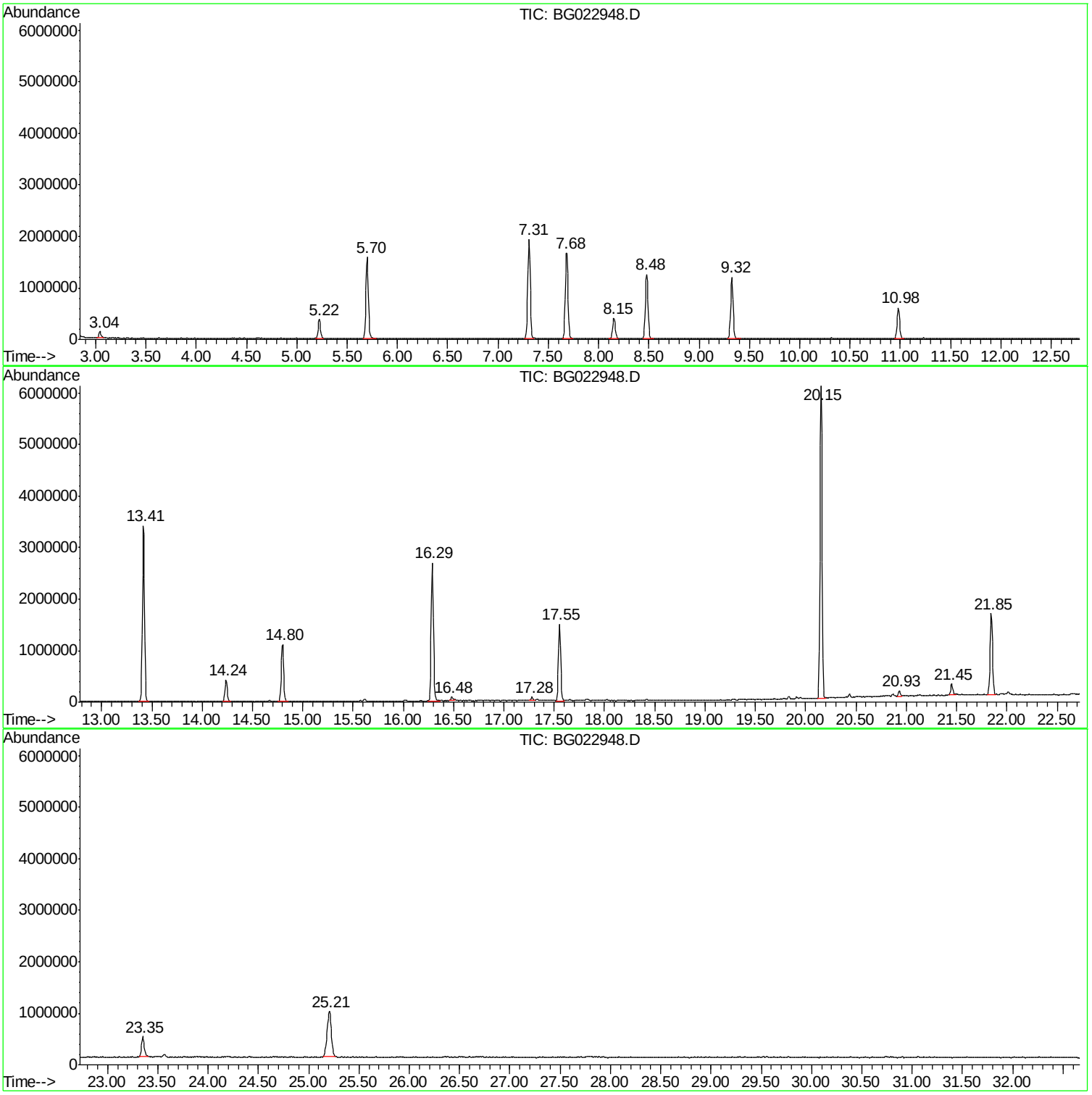
Instrument : BNA_G
ClientSampleId : B-4

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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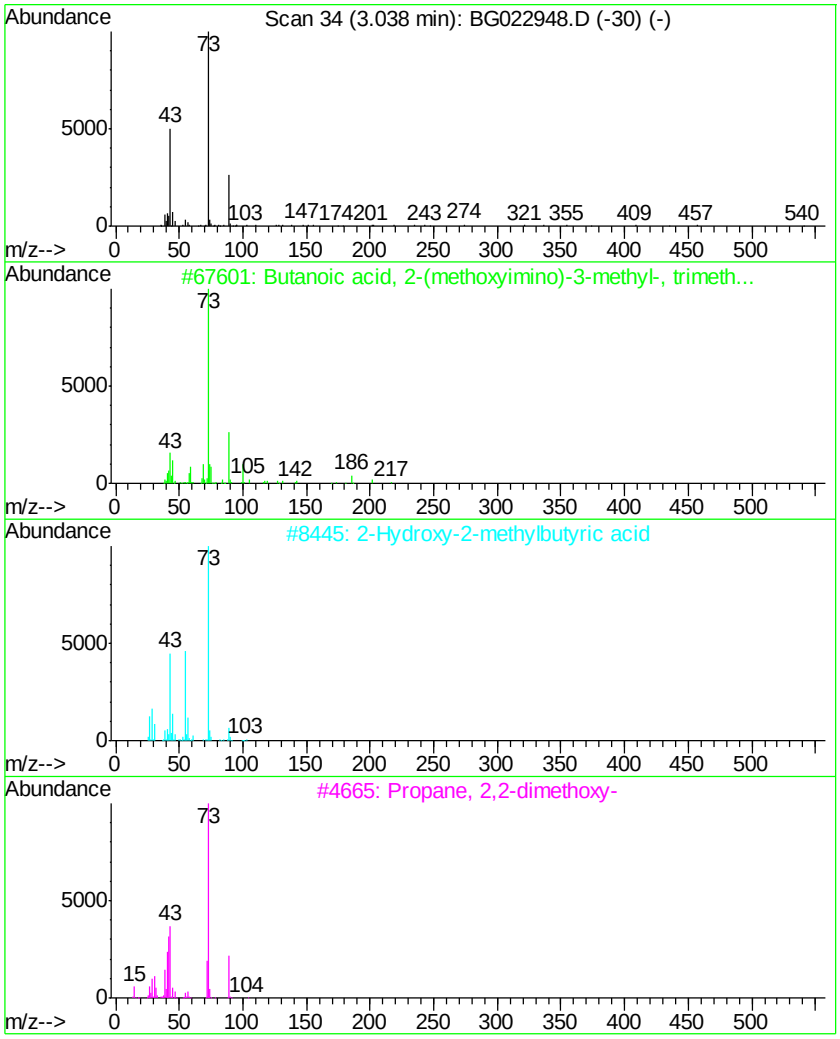
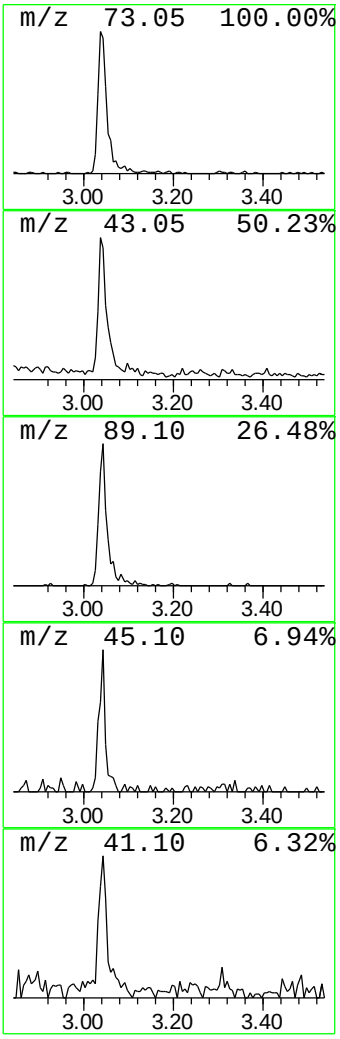
Peak Number 1 unknown3.04 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	4.55 ng	162530	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-(methoxyimino)-...	217	C9H19NO3Si	055493-95-3	36
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	16
3	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	1,3-Dioxolane, 2-heptyl-	172	C10H20O2	004359-57-3	9





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Misc :
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Instrument : BNA_G
ClientSampleId : B-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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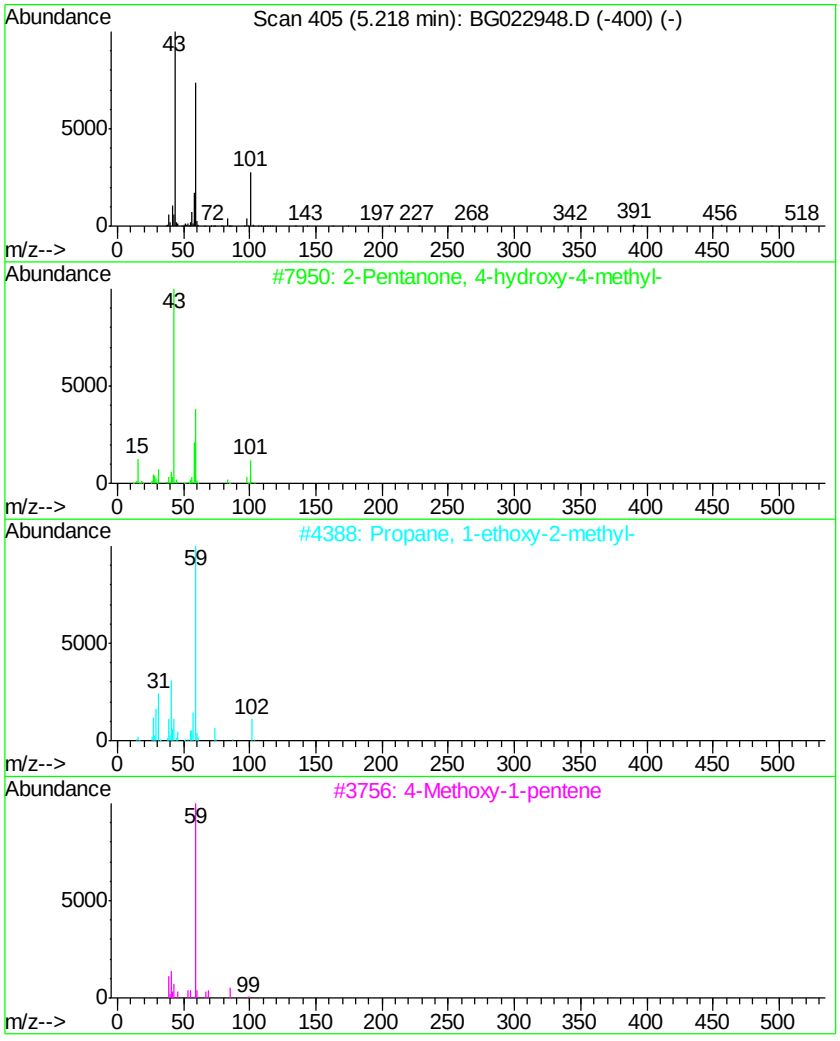
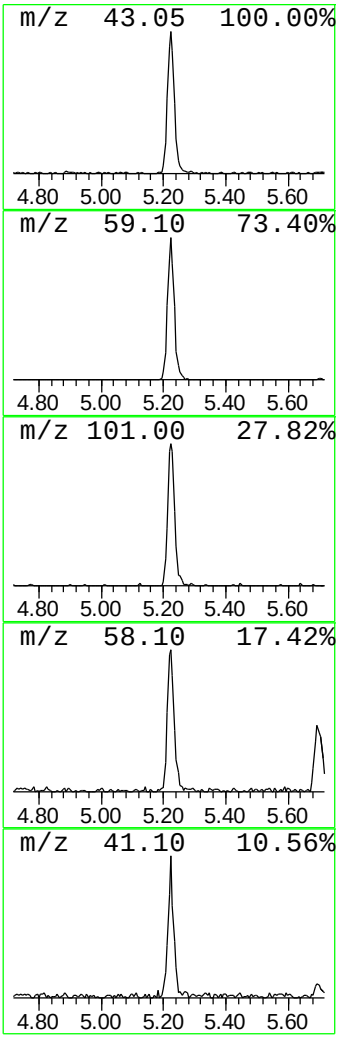
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	15.82 ng	565199	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	49
3	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	47
4	Acetic acid, 10,11-dihydroxy-3,7...	298	C17H30O4	1000194-28-5	40
5	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	38





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Sample : H3900-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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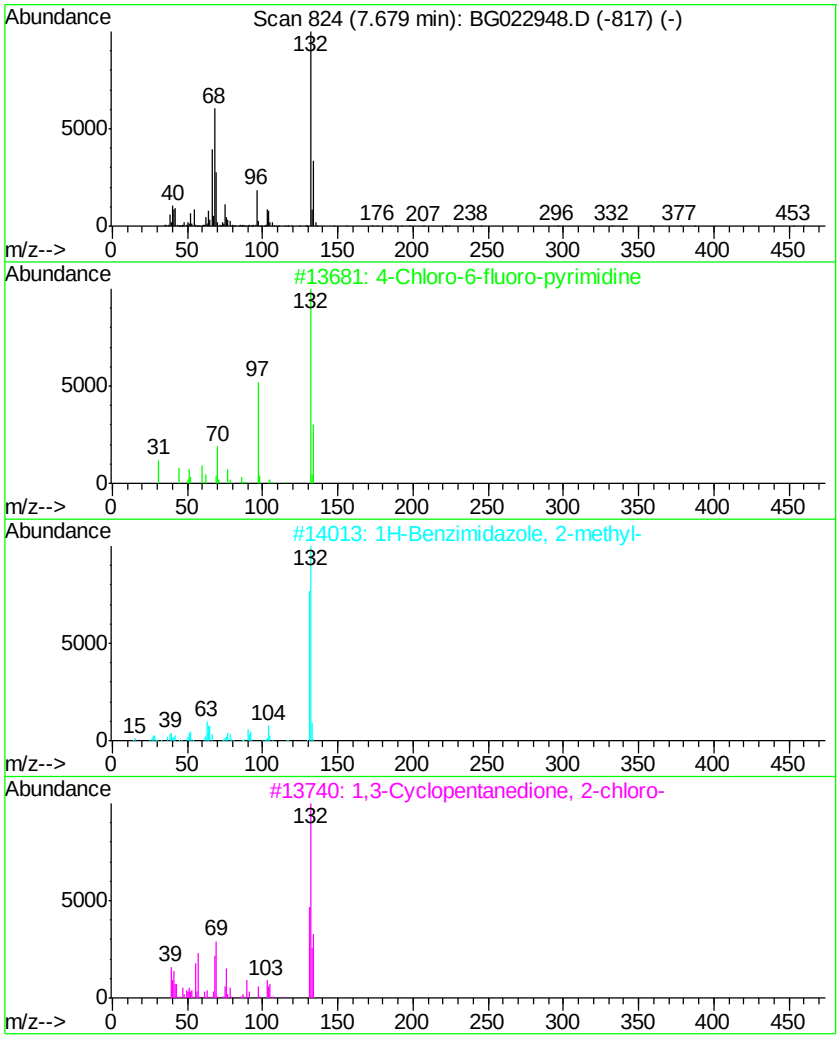
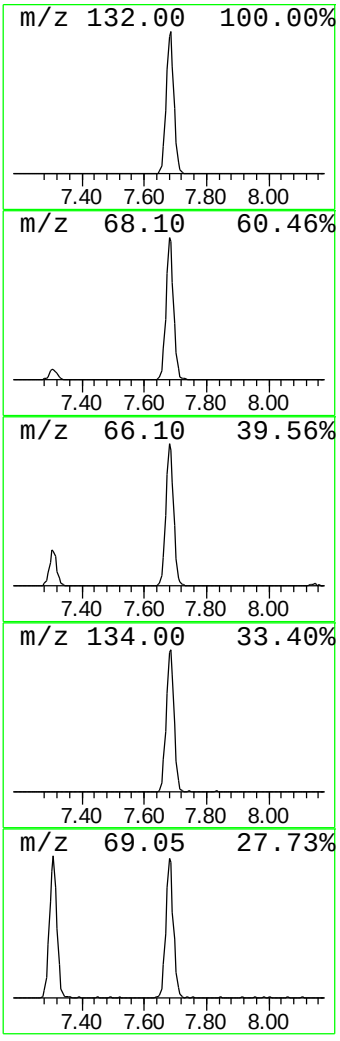
Peak Number 3 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	82.69 ng	2954710	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	10
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	10
5	Xenon	132	Xe	007440-63-3	9





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Sample : H3900-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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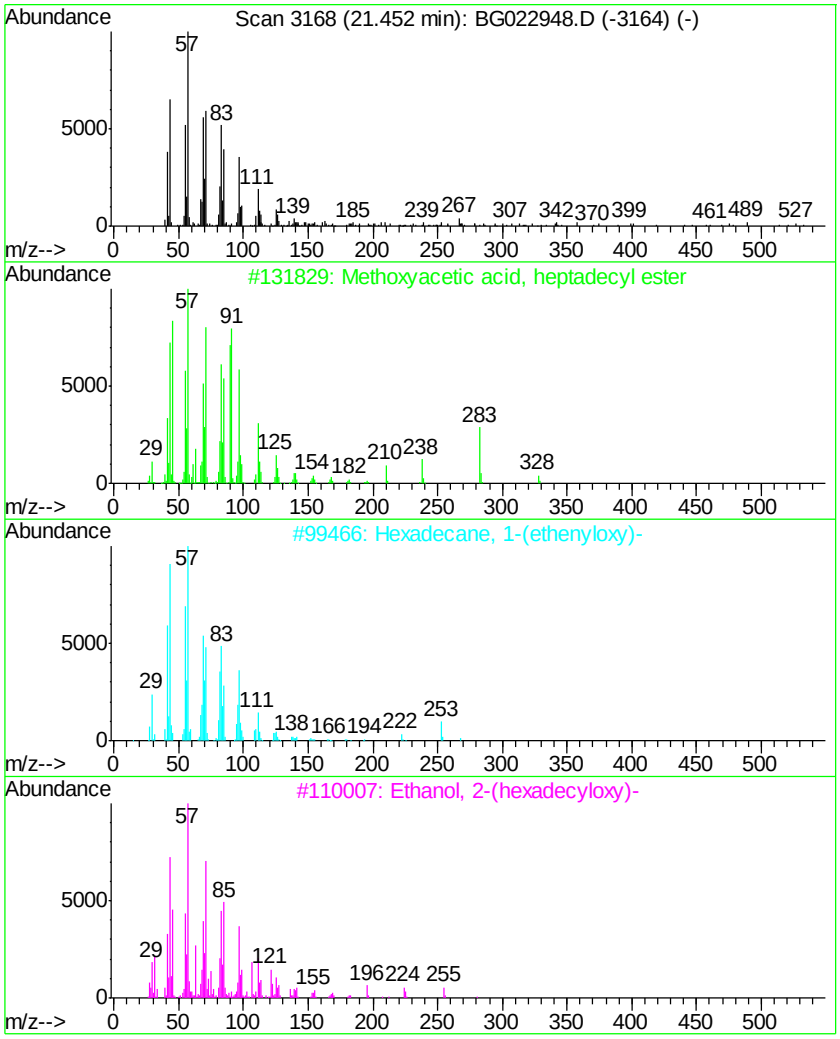
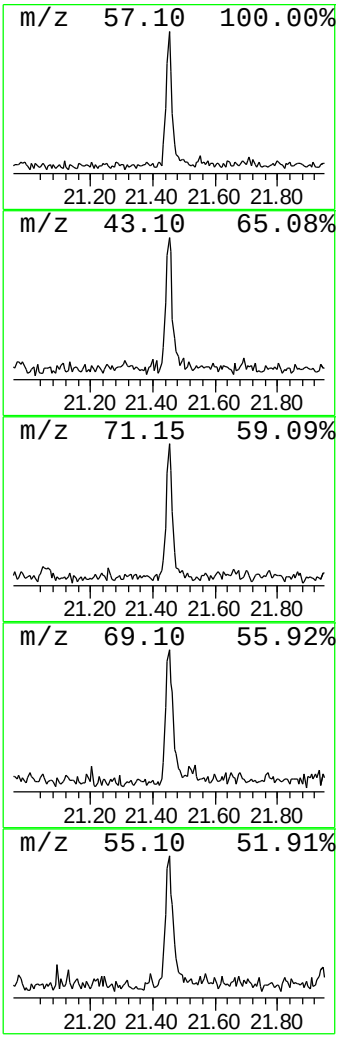
Peak Number 5 Methoxyacetic acid, heptade... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	2.32 ng	316860	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, heptadecyl e...	328	C20H40O3	1000282-99-1	87
2	Hexadecane, 1-(ethenyloxy)-	268	C18H36O	000822-28-6	86
3	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	64
4	Nonadecane	268	C19H40	000629-92-5	55
5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	52





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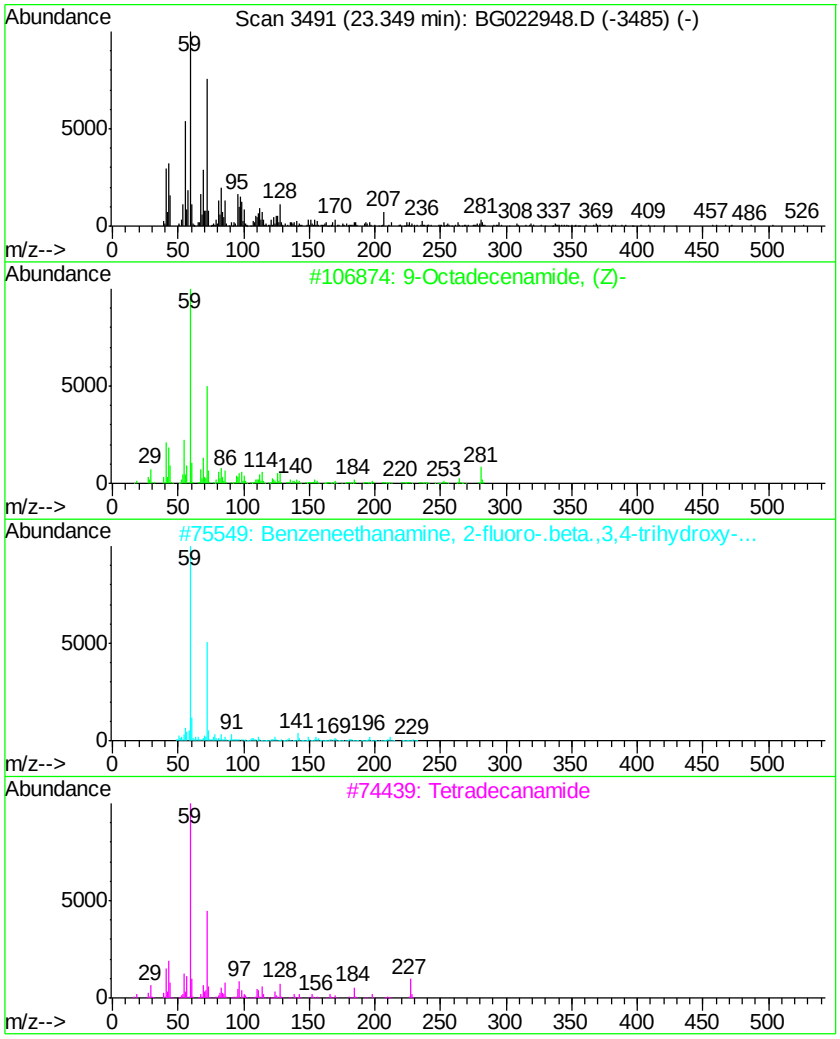
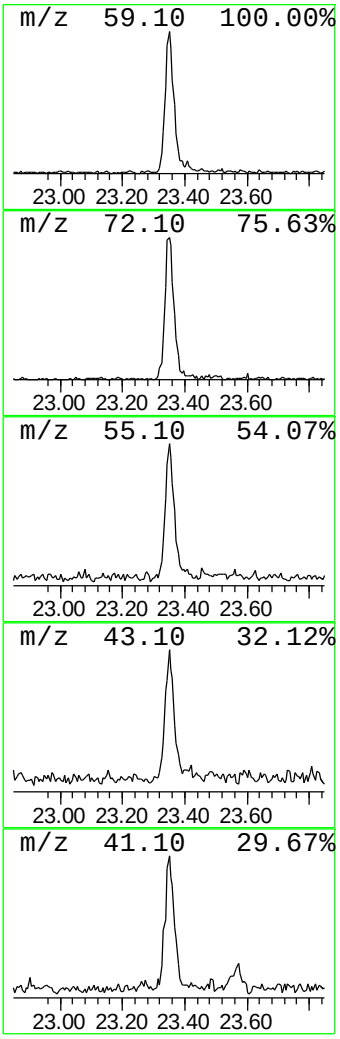
Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.35	5.71 ng	780585	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
2	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	59
3	Tetradecanamide	227	C14H29NO	000638-58-4	50
4	Octadecanamide	283	C18H37NO	000124-26-5	43
5	Dodecanamide	199	C12H25NO	001120-16-7	38





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
unknown3.04	3.04	4.5	ng	162530	1	8.15	714673	20.0
2-Pentanone, 4-hy...	5.22	15.8	ng	565199	1	8.15	714673	20.0
unknown7.68	7.68	82.7	ng	2954710	1	8.15	714673	20.0
Methoxyacetic aci...	21.45	2.3	ng	316860	5	21.85	2732520	20.0
9-Octadecenamide,...	23.35	5.7	ng	780585	5	21.85	2732520	20.0