LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022931.D
Acq On : 8 Jul 2016 14:44
Operator : UM/SJ
Sample : H3876-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 4-B-LOCATION-4-15-20FT

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	3.040	30	34	43	rBV	309297	407984	4.98%	0.891%
2	5.225	400	406	412	rBV	95385	159114	1.94%	0.348%
3	5.696	479	486	495	rBV	1694879	2735590	33.37%	5.977%
4	7.305	753	760	770	rBV	1974399	3379935	41.23%	7.385%
5	7.681	816	824	832	rBV	1790696	3056153	37.28%	6.677%
6	8.151	897	904	911	rBV	386782	674499	8.23%	1.474%
7	8.480	952	960	968	rBV	1143623	2033701	24.81%	4.443%
8	9.327	1096	1104	1111	rBV	1150926	2079592	25.37%	4.544%
9	10.978	1378	1385	1392	rBV	582770	1046595	12.77%	2.287%
10	13.416	1792	1800	1807	rBV	3168213	4893289	59.68%	10.691%
11	14.238	1931	1940	1946	rBV	476782	740684	9.03%	1.618%
12	14.797	2028	2035	2043	rVB2	1046873	1775277	21.65%	3.879%
13	15.619	2171	2175	2179	rVB	64407	82585	1.01%	0.180%
14	16.289	2282	2289	2300	rBV	3326672	5183783	63.23%	11.326%
15	16.477	2316	2321	2332	rBV3	71094	147779	1.80%	0.323%
16	17.282	2452	2458	2462	rBV2	98913	141418	1.72%	0.309%
17	17.552	2496	2504	2512	rBV	1504706	2346434	28.62%	5.127%
18	18.422	2646	2652	2660	rBV2	282790	401931	4.90%	0.878%
19	19.685	2863	2867	2875	rBV6	100440	163740	2.00%	0.358%
20	20.155	2941	2947	2953	rBV	6139061	8198645	100.00%	17.913%
21	20.825	3057	3061	3064	rVB2	102121	120046	1.46%	0.262%
22	21.454	3163	3168	3177	rBV2	255600	456019	5.56%	0.996%
23	21.847	3228	3235	3243	rBV	1654070	2796062	34.10%	6.109%
24	23.563	3521	3527	3531	rBV5	55239	108929	1.33%	0.238%
25	25.202	3796	3806	3819	rVB2	873536	2638342	32.18%	5.765%

Sum of corrected areas: 45768126

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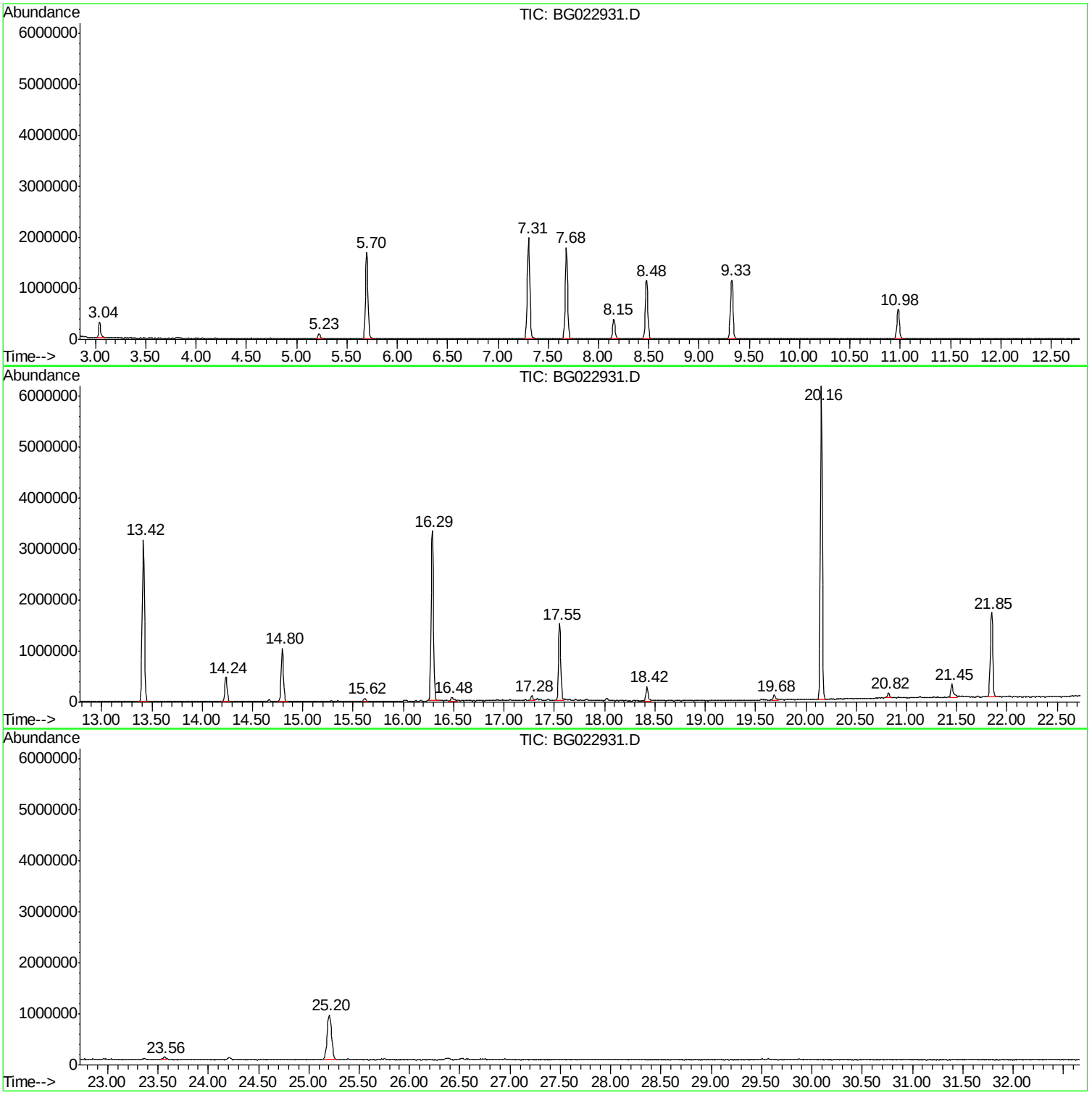
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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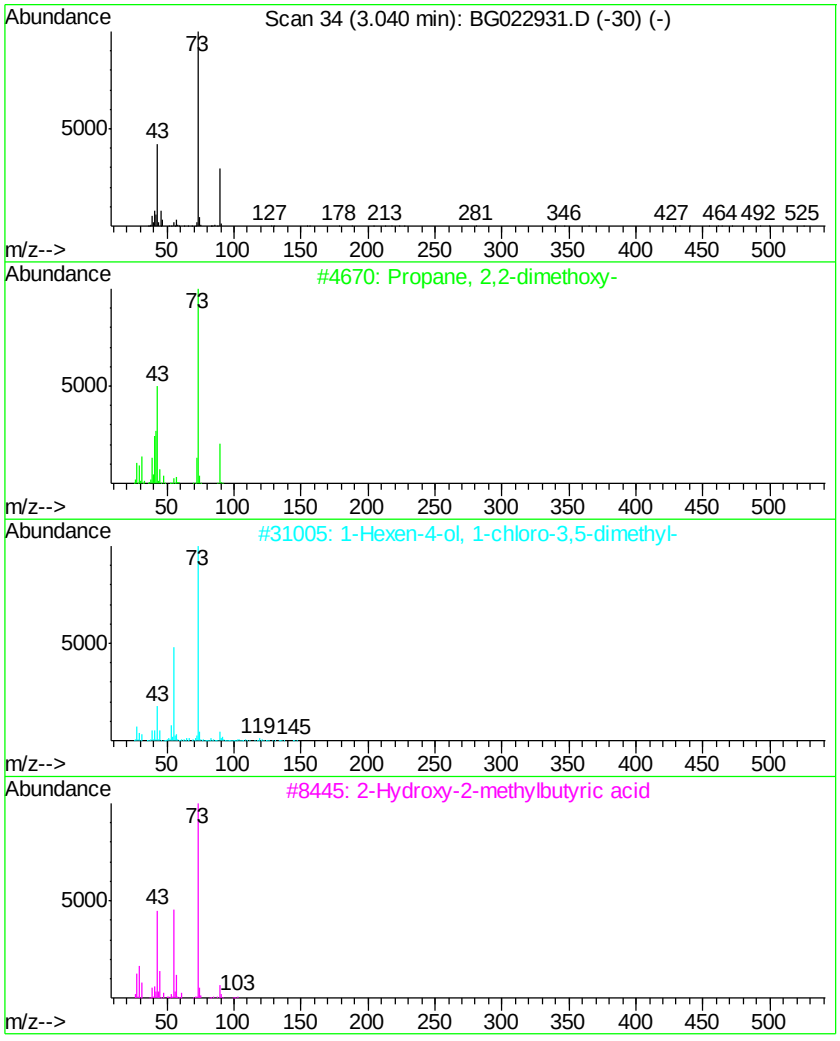
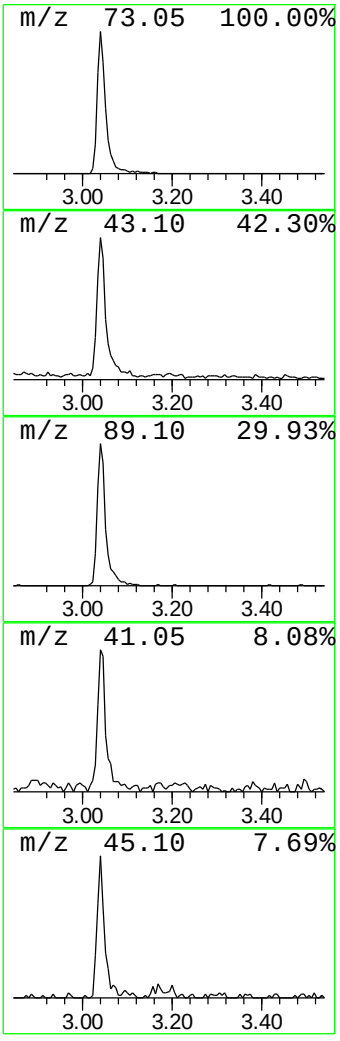
Peak Number 1 unknown3.04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	12.10 ng	407984	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
3	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	7
5	N-Ethylformamide	73	C3H7NO	000627-45-2	5





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
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Sample : H3876-08
Misc :
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Instrument : BNA_G
ClientSampleId : 4-B-LOCATION-4-15-20FT

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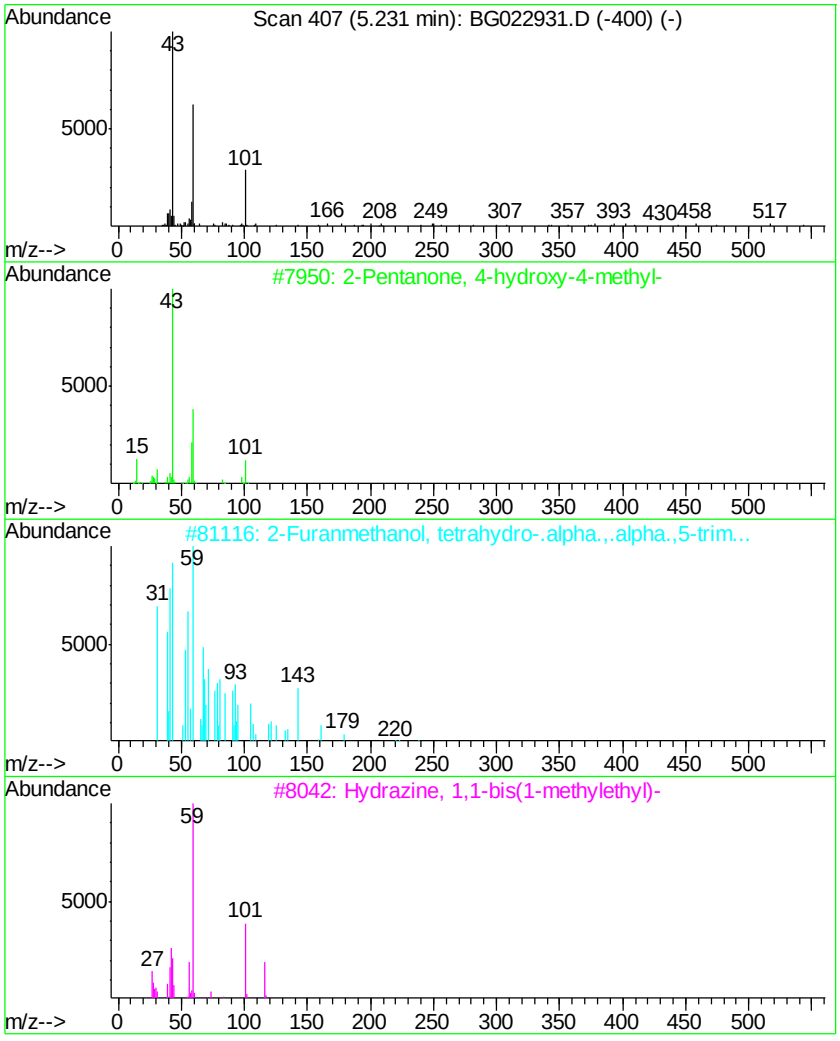
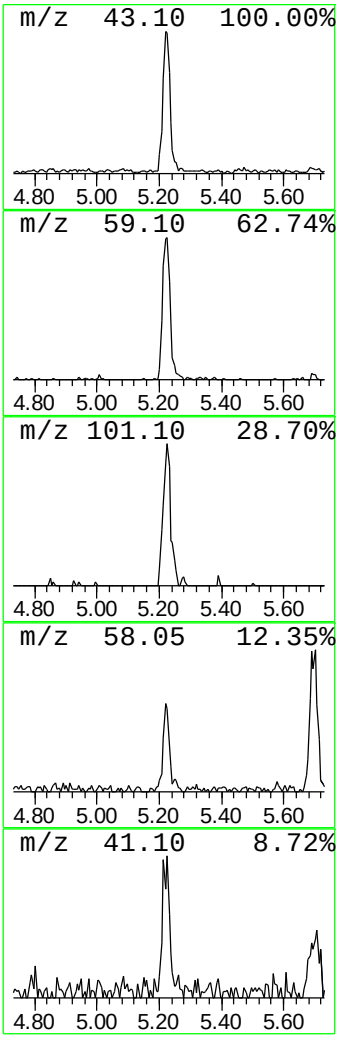
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	4.72 ng	159114	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	45
2	2-Furanmethanol, tetrahydro-.alp...	238	C15H26O2	026184-88-3	38
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
4	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	23
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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Sample : H3876-08
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Instrument : BNA_G
ClientSampleId : 4-B-LOCATION-4-15-20FT

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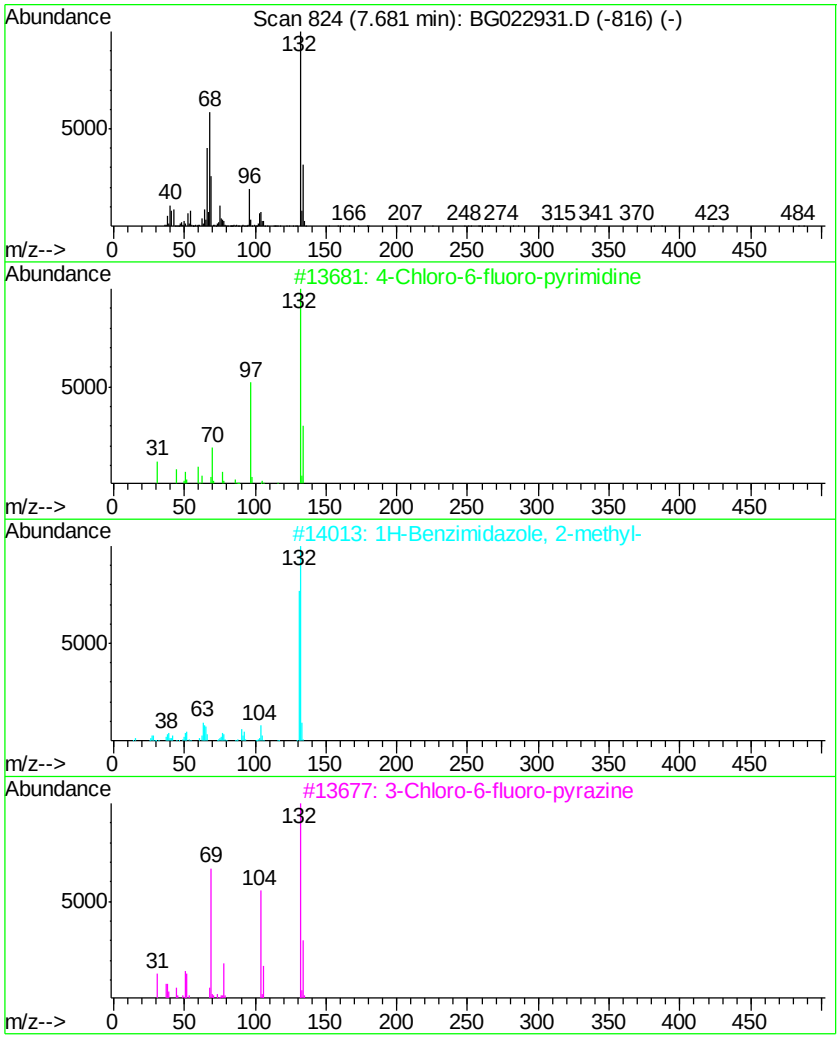
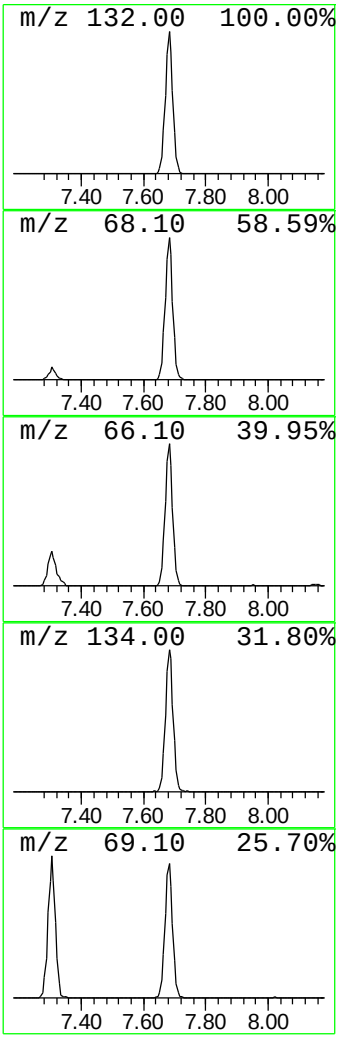
Peak Number 3 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	90.62 ng	3056150	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	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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Instrument : BNA_G
ClientSampleId : 4-B-LOCATION-4-15-20FT

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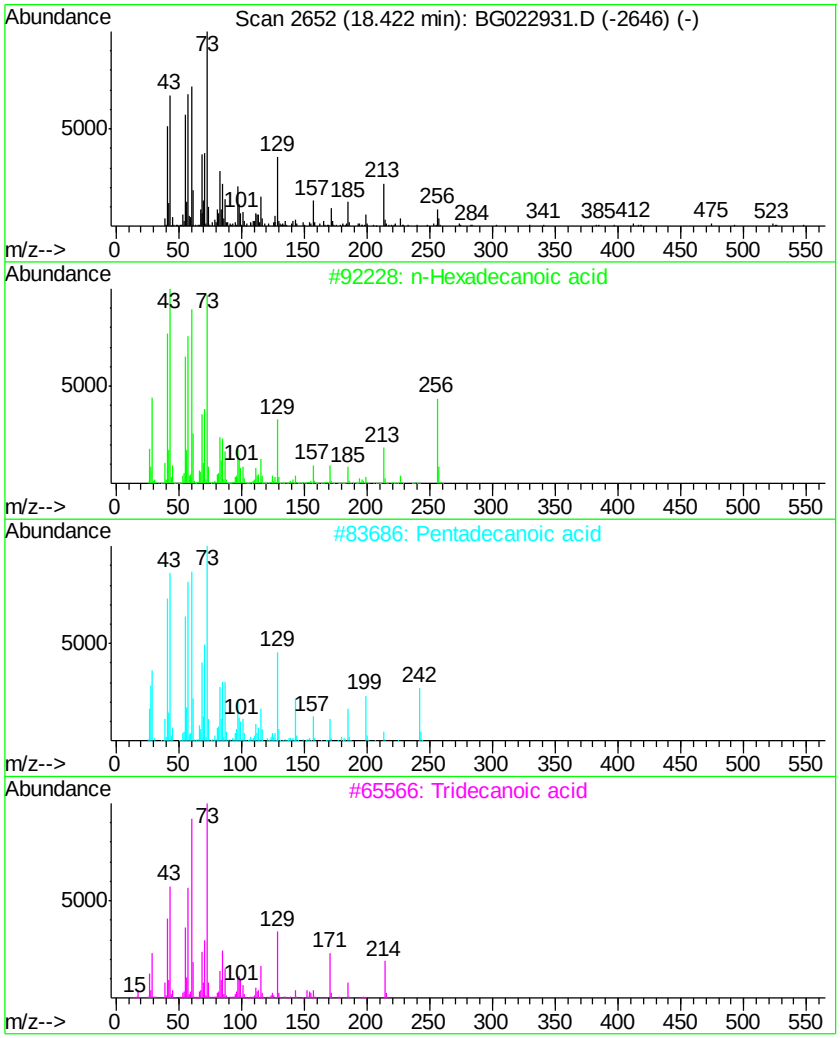
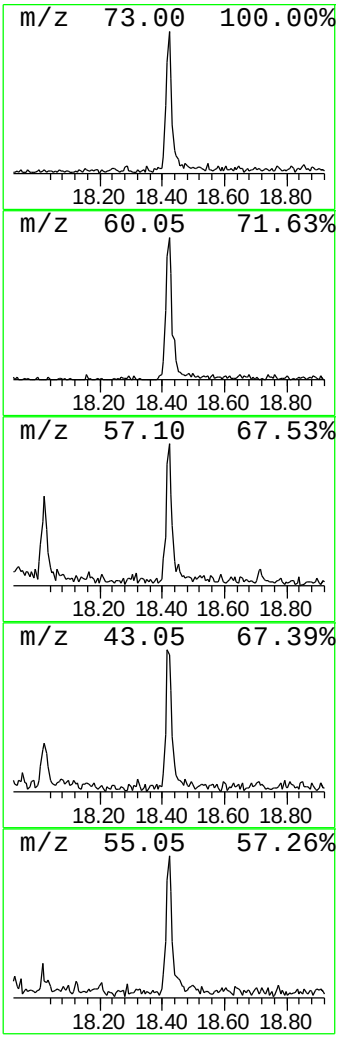
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	3.43 ng	401931	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	.alpha.-D-Glucopyranoside, .alph...	342	C12H22O11	000099-20-7	47





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Instrument : BNA_G
ClientSampleId : 4-B-LOCATION-4-15-20FT

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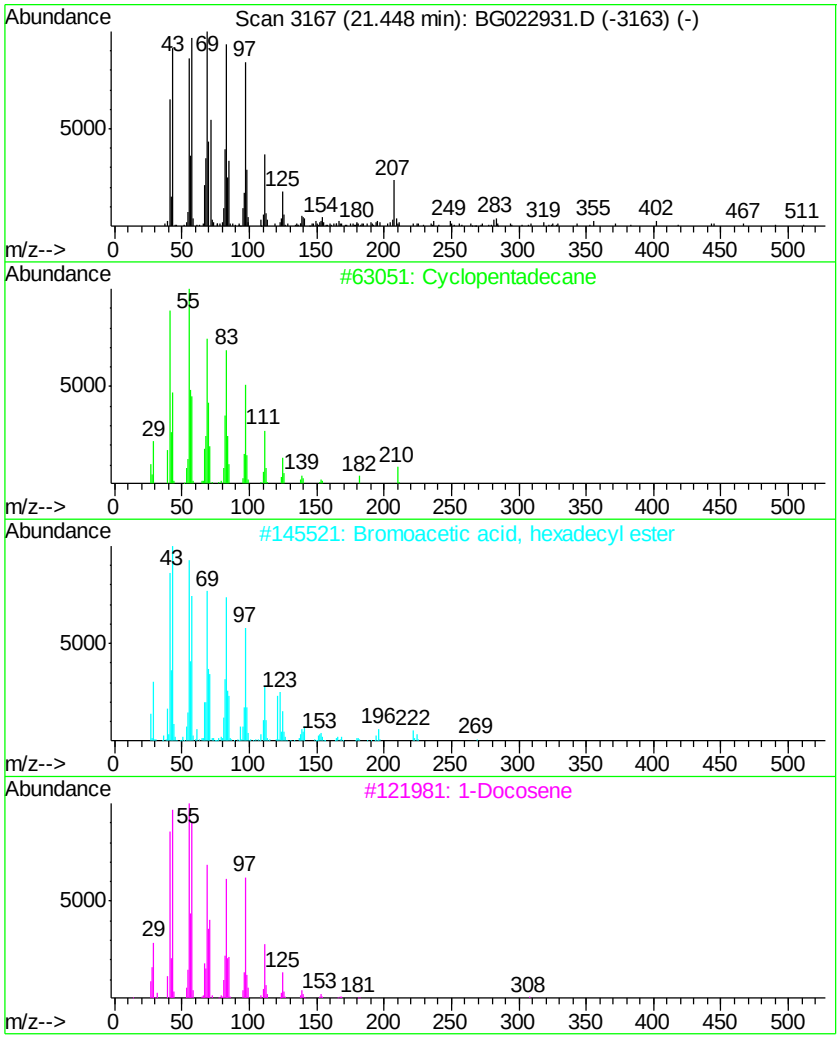
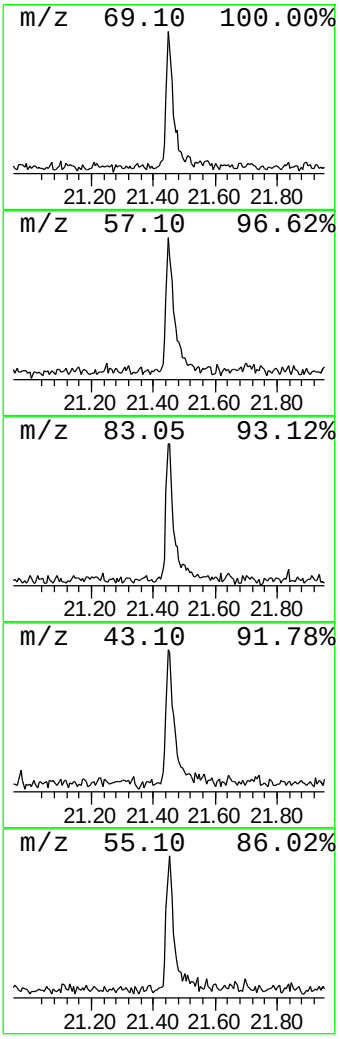
Peak Number 6 Cyclopentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	3.26 ng	456019	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	95
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	87
3	1-Docosene	308	C22H44	001599-67-3	84
4	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	83
5	Chloroacetic acid, pentadecyl ester	304	C17H33ClO2	070301-47-2	80





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	12.1	ng	407984	1	8.15	674499	20.0
2-Pentanone, 4-hy...	5.23	4.7	ng	159114	1	8.15	674499	20.0
unknown7.68	7.68	90.6	ng	3056150	1	8.15	674499	20.0
n-Hexadecanoic acid	18.42	3.4	ng	401931	4	17.55	2346430	20.0
Cyclopentadecane	21.45	3.3	ng	456019	5	21.85	2796060	20.0