LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016922.D
Acq On : 7 May 2015 14:17
Operator : TP/IZ
Sample : G2062-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW1

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-BG050515.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	2.924	35	40	49	rBV	386109	703658	13.99%	2.698%
2	3.000	49	53	63	rVB	623767	843127	16.76%	3.232%
3	4.921	375	380	386	rBV	42574	64219	1.28%	0.246%
4	5.380	451	458	469	rVB	812991	1194450	23.75%	4.579%
5	6.960	720	727	734	rBV	592516	912666	18.15%	3.499%
6	7.330	782	790	801	rVB	1311904	2064913	41.06%	7.916%
7	7.800	863	870	877	rBV	267231	414835	8.25%	1.590%
8	8.118	915	924	930	rBV	916953	1473709	29.30%	5.650%
9	8.294	948	954	959	rVB2	32107	50337	1.00%	0.193%
10	8.952	1058	1066	1076	rVB	884248	1522775	30.28%	5.838%
11	10.591	1337	1345	1351	rBV	374614	633848	12.60%	2.430%
12	13.059	1758	1765	1772	rVB	2221354	3245623	64.53%	12.442%
13	14.440	1993	2000	2006	rBV2	565813	881999	17.54%	3.381%
14	15.926	2245	2253	2263	rBV	2147350	3046772	60.58%	11.680%
15	16.948	2422	2427	2432	rBV2	46649	67237	1.34%	0.258%
16	17.178	2461	2466	2474	rVB2	736238	1061476	21.10%	4.069%
17	18.076	2614	2619	2625	rBV2	207601	295525	5.88%	1.133%
18	19.357	2833	2837	2843	rBV	190254	263398	5.24%	1.010%
19	19.810	2908	2914	2925	rBV	4172956	5029505	100.00%	19.281%
20	21.079	3126	3130	3138	rBV3	58062	89399	1.78%	0.343%
21	21.361	3172	3178	3183	rBV	935638	1124685	22.36%	4.312%
22	23.664	3562	3570	3581	rBV	544515	1101105	21.89%	4.221%

Sum of corrected areas: 26085261

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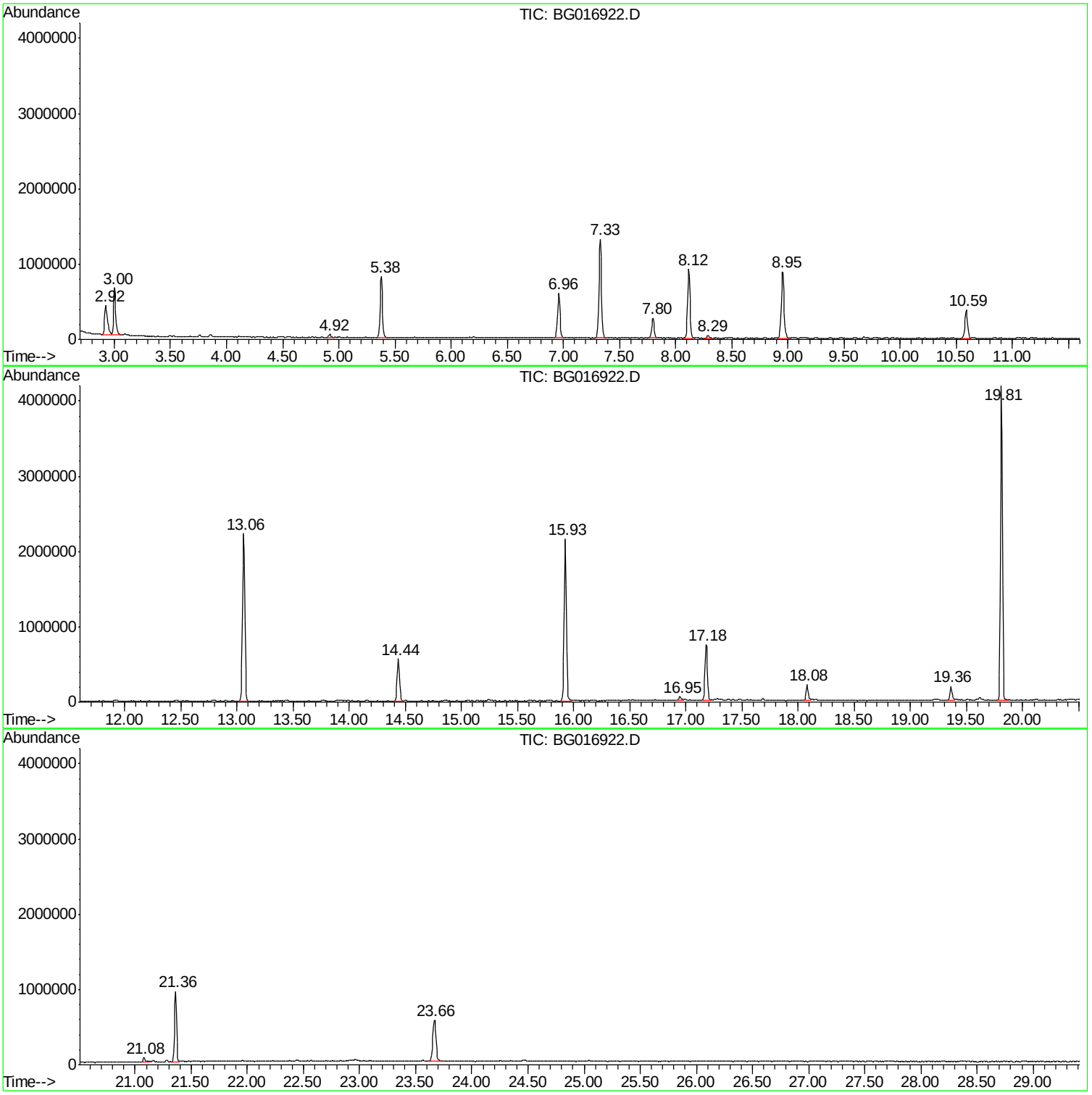
Instrument :
BNA_G
ClientSampleId :
MW1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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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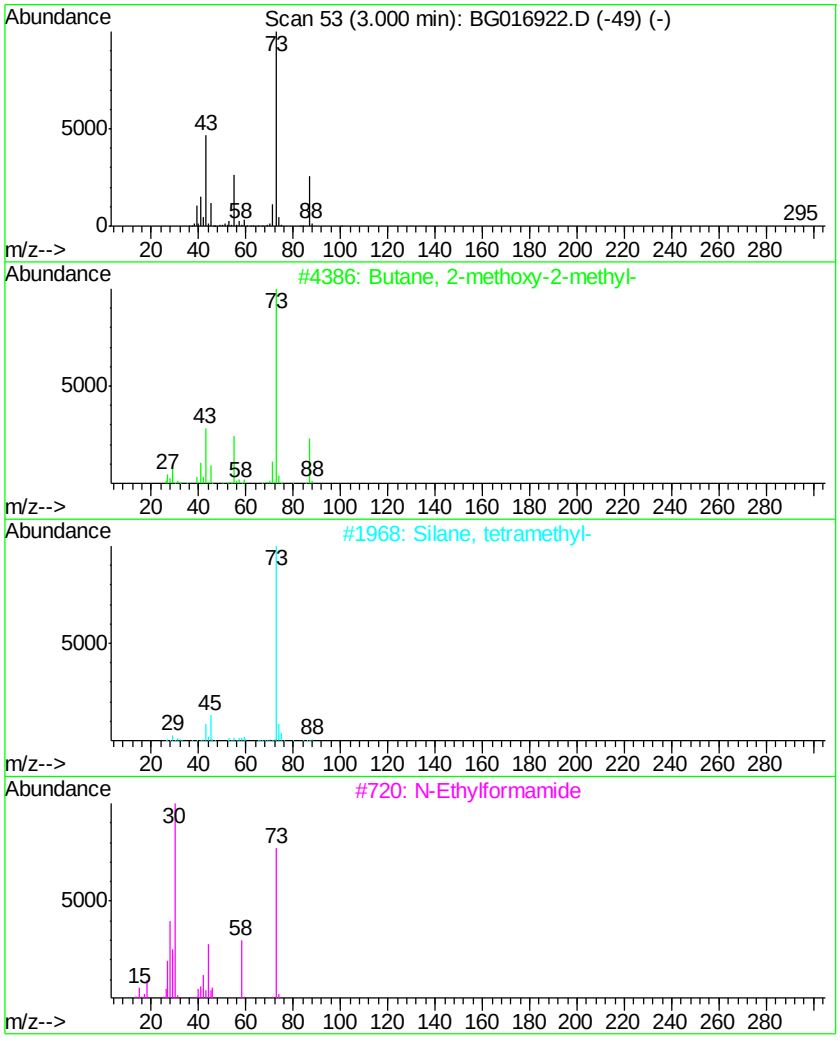
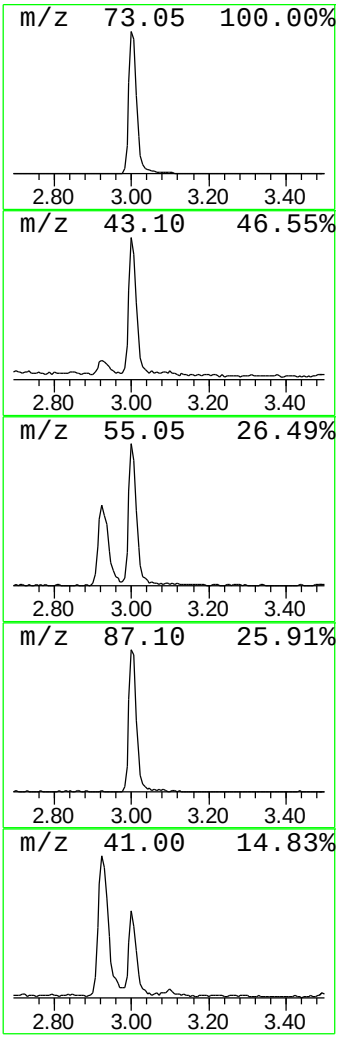
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	40.65 ng	843127	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9





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Instrument : BNA_G
ClientSampleId : MW1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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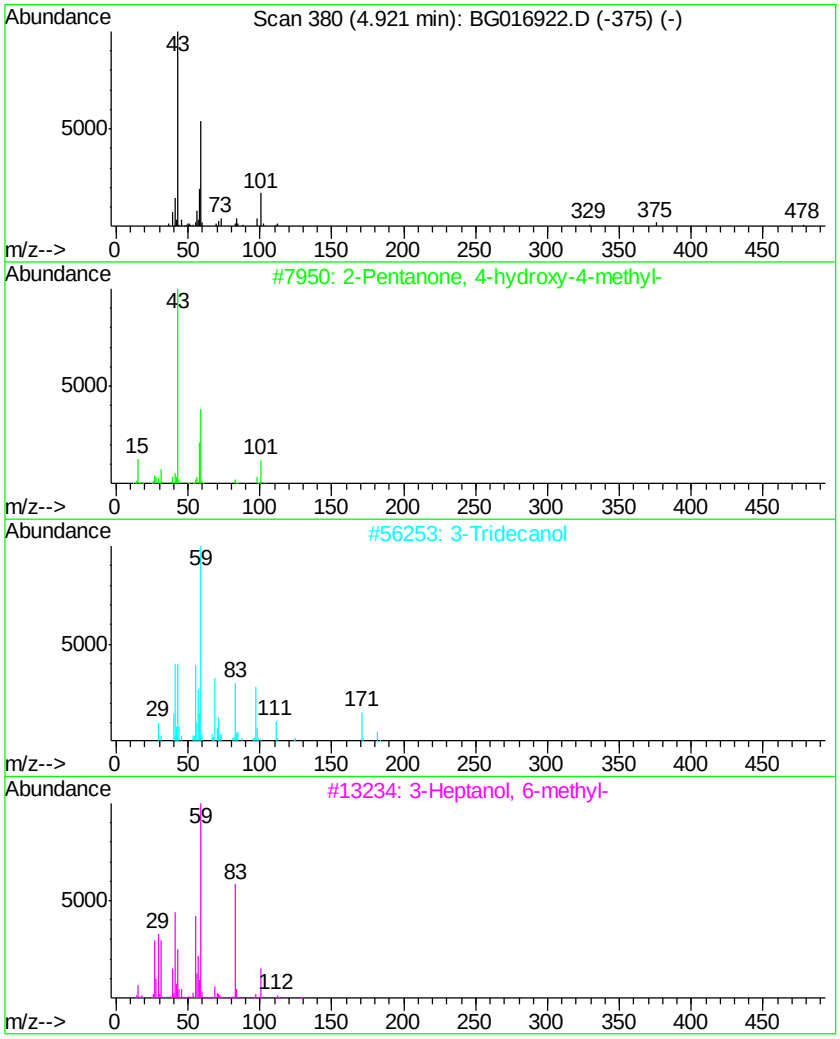
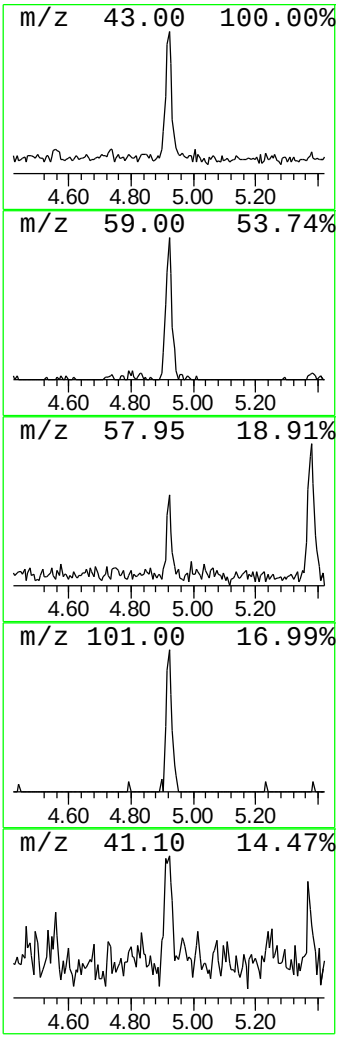
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	3.10 ng	64219	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	3-Tridecanol	200	C13H28O	010289-68-6	25
3	3-Heptanol, 6-methyl-	130	C8H18O	018720-66-6	25
4	3-Octanol	130	C8H18O	000589-98-0	23
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23





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ClientSampleId : MW1

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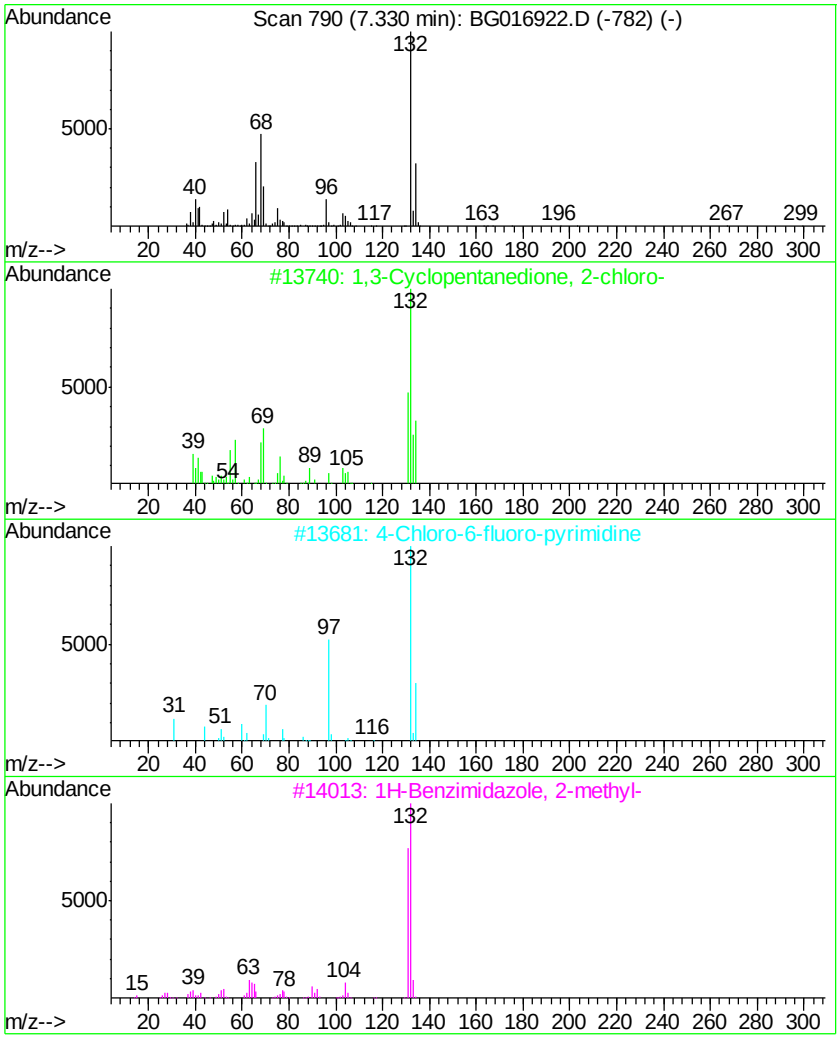
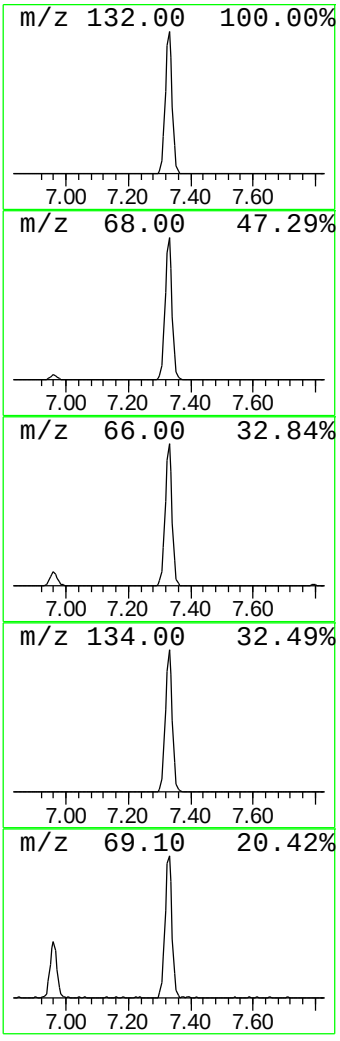
Peak Number 4 unknown7.33 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	99.55 ng	2064910	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Instrument : BNA_G
ClientSampleId : MW1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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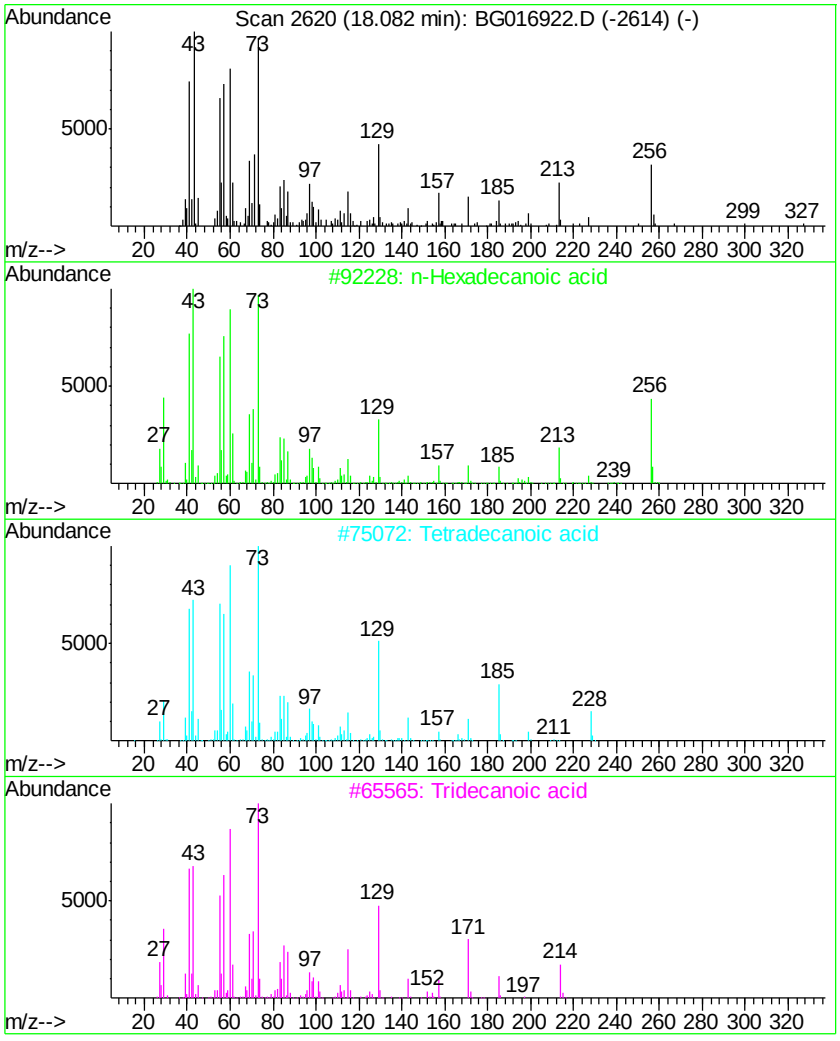
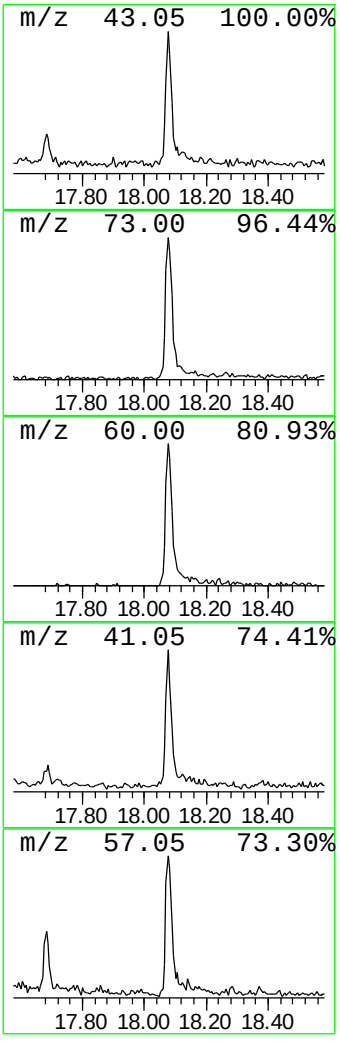
Peak Number 7 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	5.57 ng	295525	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Undecanoic acid	186	C11H22O2	000112-37-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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Sample : G2062-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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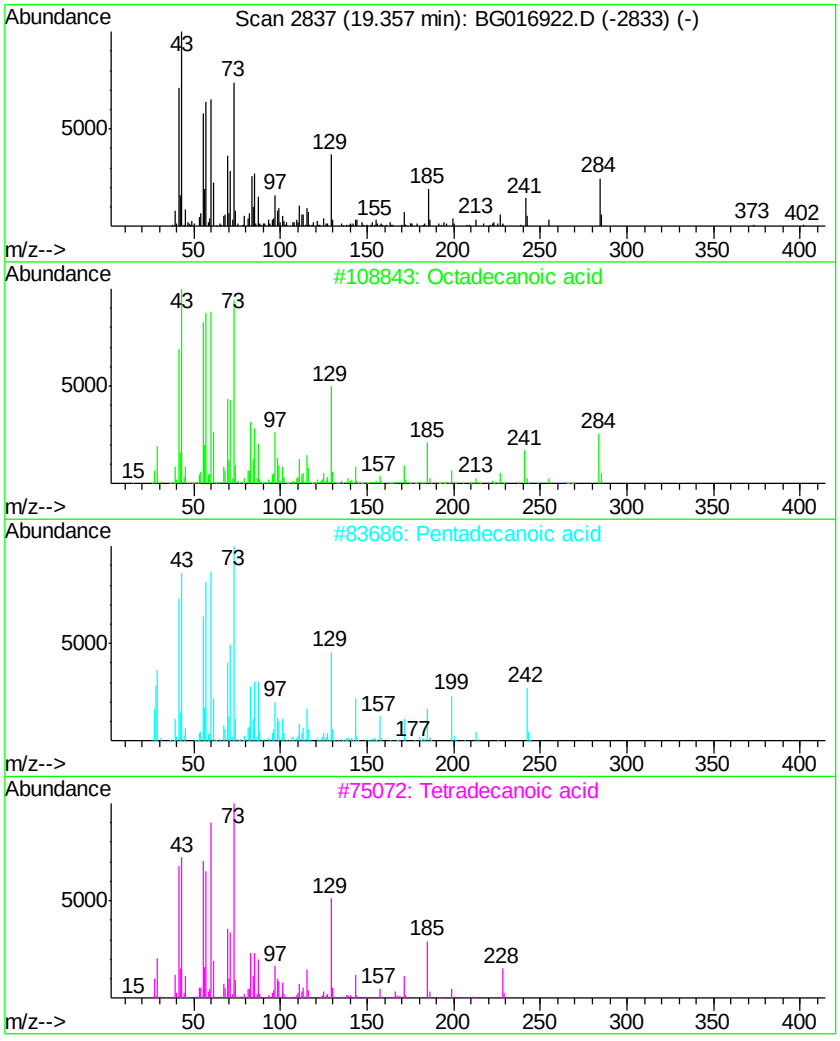
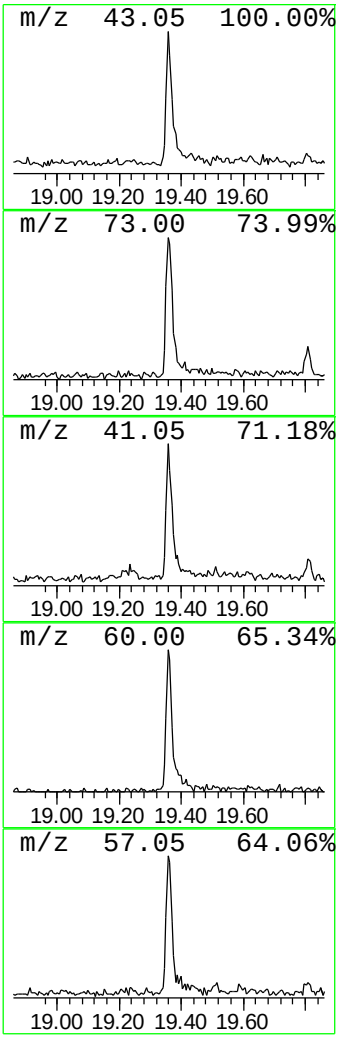
Peak Number 8 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	4.68 ng	263398	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
ClientSampleId : MW1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.00	40.6	ng	843127	1	7.80	414835	20.0
2-Pentanone, 4-hy...	4.92	3.1	ng	64219	1	7.80	414835	20.0
unknown7.33	7.33	99.5	ng	2064910	1	7.80	414835	20.0
n-Hexadecanoic acid	18.08	5.6	ng	295525	4	17.18	1061480	20.0
Octadecanoic acid	19.36	4.7	ng	263398	5	21.36	1124690	20.0