LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016940.D
Acq On : 8 May 2015 3:02
Operator : TP/IZ
Sample : G2084-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 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-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	2.788	12	17	35	rVV	4440720	5734537	100.00%	18.573%
2	2.923	35	40	50	rVV2	164976	335541	5.85%	1.087%
3	2.999	50	53	58	rVV	194480	254170	4.43%	0.823%
4	4.921	375	380	386	rVB	136049	184364	3.21%	0.597%
5	5.379	451	458	471	rBV	1240020	1827468	31.87%	5.919%
6	6.965	721	728	737	rBV	1403222	2155215	37.58%	6.980%
7	7.330	783	790	799	rVB	1262847	2009040	35.03%	6.507%
8	7.800	864	870	876	rVB2	289128	473560	8.26%	1.534%
9	8.117	916	924	932	rBV	814806	1329588	23.19%	4.306%
10	8.957	1059	1067	1076	rBV	776222	1293823	22.56%	4.190%
11	9.815	1207	1213	1220	rBV2	30045	58476	1.02%	0.189%
12	10.590	1338	1345	1351	rBV	429442	715848	12.48%	2.319%
13	13.058	1757	1765	1773	rBV	1653446	2377102	41.45%	7.699%
14	13.892	1902	1907	1915	rBV	115733	163708	2.85%	0.530%
15	14.433	1993	1999	2007	rBV3	650342	1008701	17.59%	3.267%
16	15.919	2246	2252	2263	rBV	1505836	2193114	38.24%	7.103%
17	16.149	2287	2291	2301	rVB3	33686	58362	1.02%	0.189%
18	17.177	2460	2466	2475	rBV2	854322	1246233	21.73%	4.036%
19	18.076	2611	2619	2632	rBV	207299	323633	5.64%	1.048%
20	19.357	2832	2837	2842	rBV3	70936	102309	1.78%	0.331%
21	19.809	2906	2914	2919	rBV	2851500	3615866	63.05%	11.711%
22	21.066	3124	3128	3139	rBV	402995	553137	9.65%	1.792%
23	21.354	3172	3177	3182	rBV	1012704	1309266	22.83%	4.240%
24	21.954	3276	3279	3284	rBV5	30769	58887	1.03%	0.191%
25	22.964	3445	3451	3455	rBV7	47559	102400	1.79%	0.332%
26	23.663	3561	3570	3580	rBV	623858	1285541	22.42%	4.164%
27	24.315	3676	3681	3690	rVB10	42529	105549	1.84%	0.342%

Sum of corrected areas: 30875438

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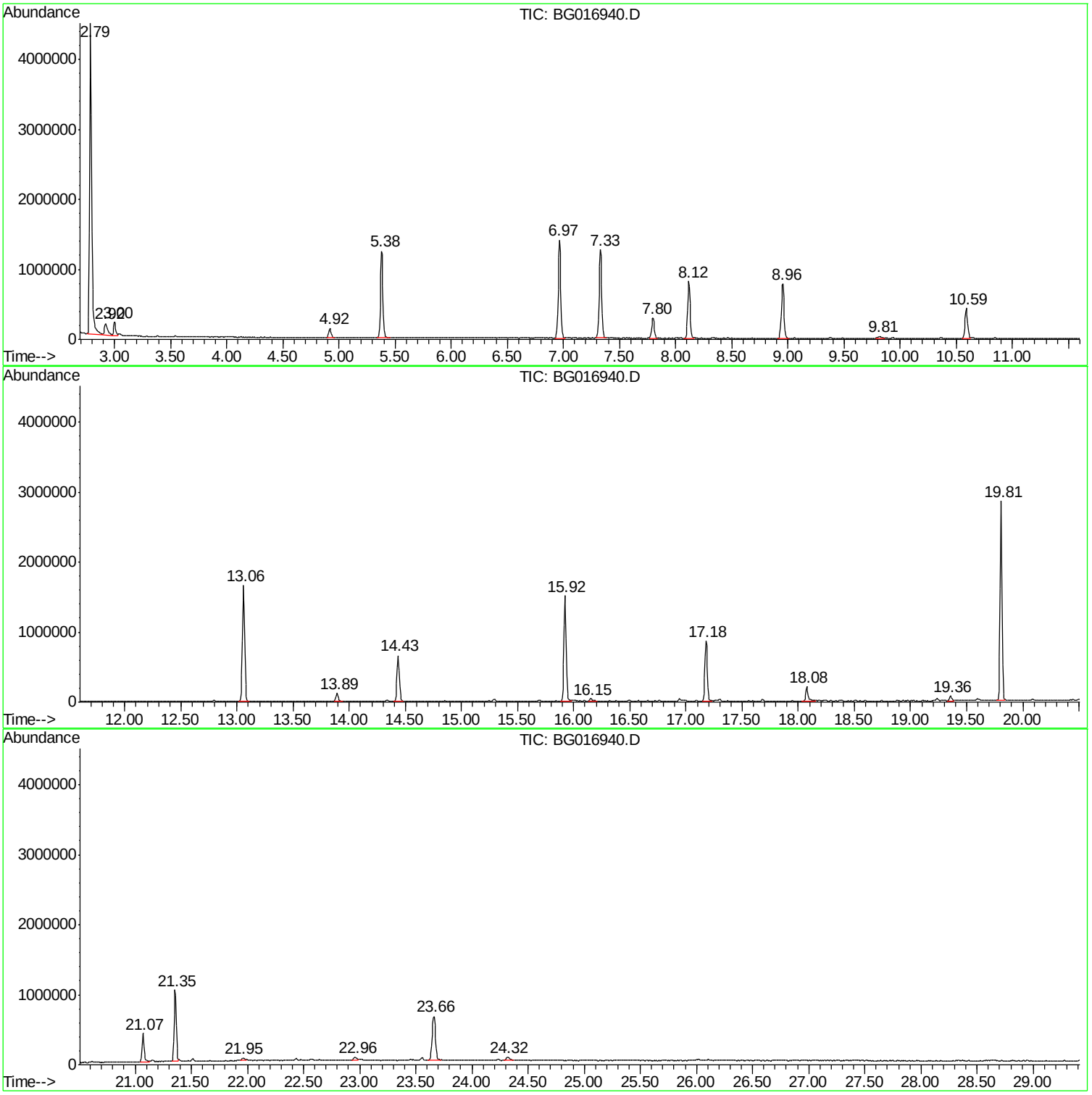
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument : BNA_G
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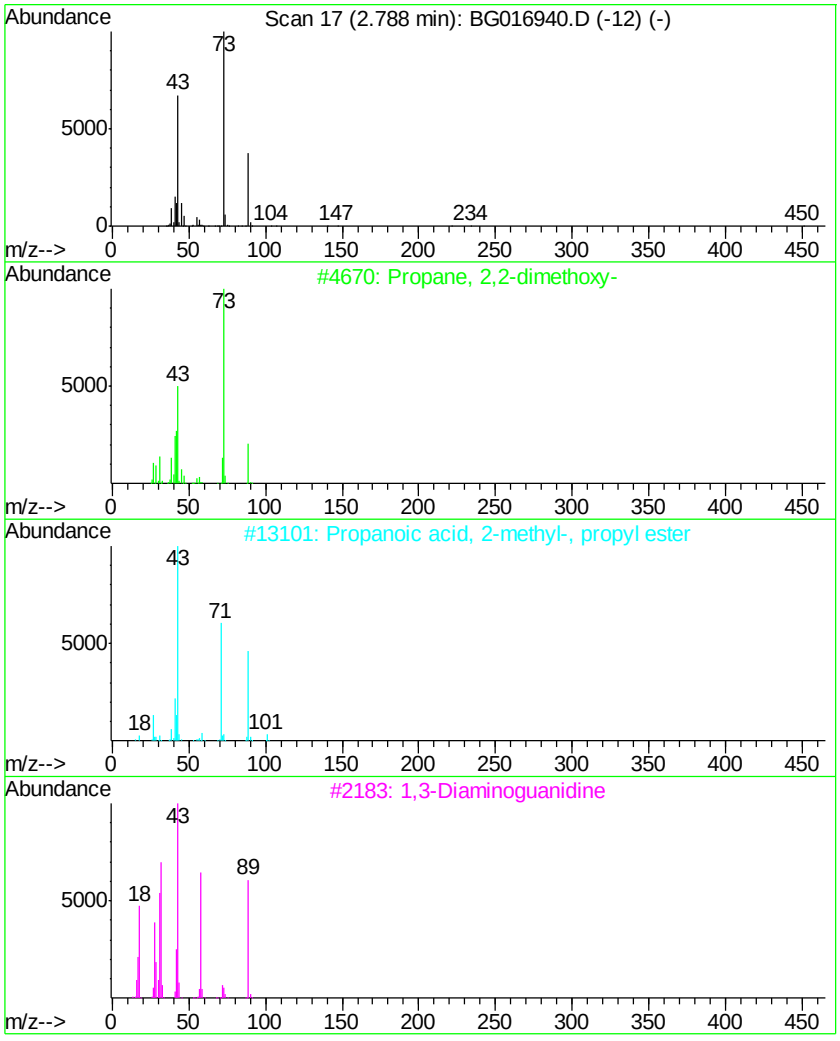
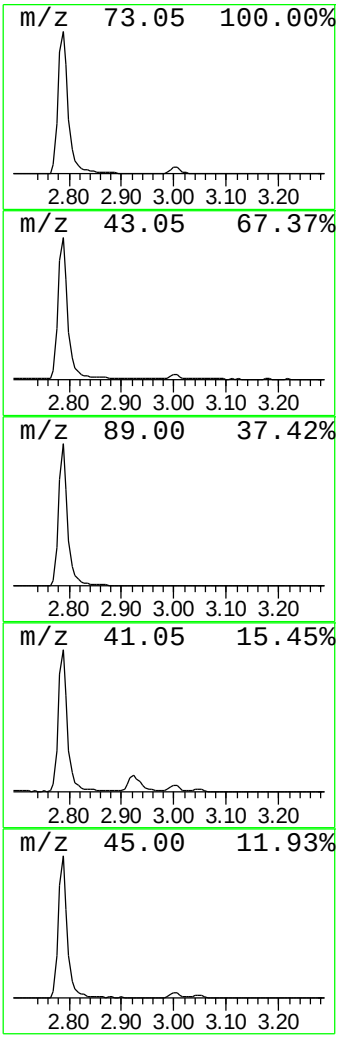
Peak Number 1 unknown2.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	242.19 ng	5734540	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	39
2	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	35
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





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Sample : G2084-05
Misc :
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Instrument : BNA_G
ClientSampleId : 5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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TIC Library : C:\DATABASE\NIST02.L
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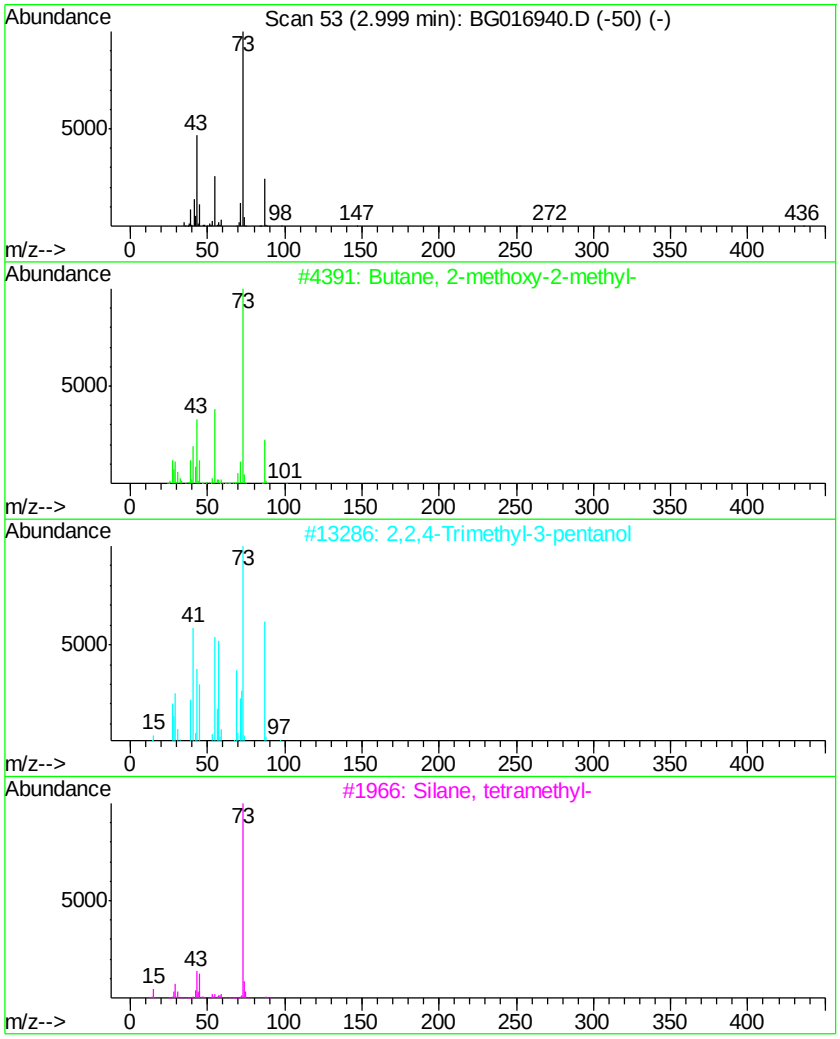
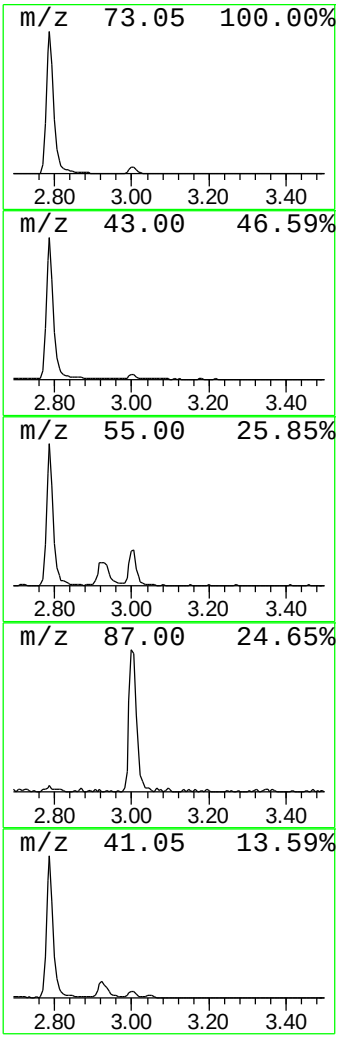
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	10.73 ng	254170	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	27
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Operator : TP/IZ
Sample : G2084-05
Misc :
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Instrument : BNA_G
ClientSampleId : 5

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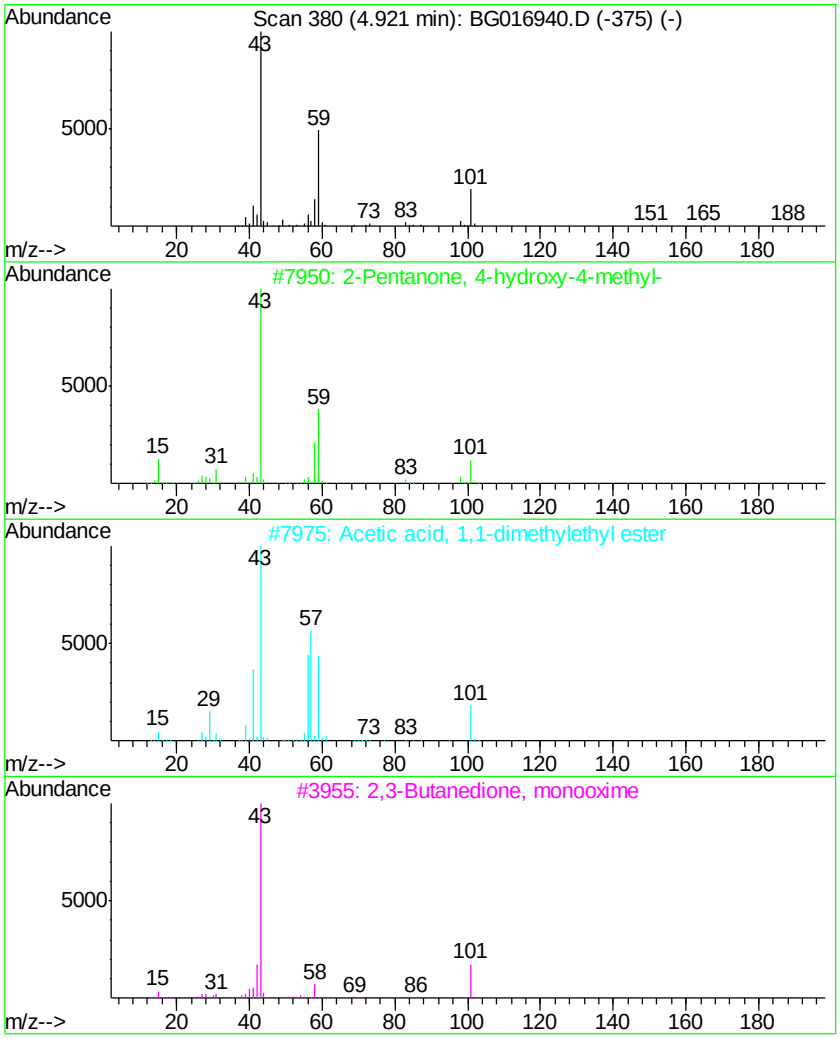
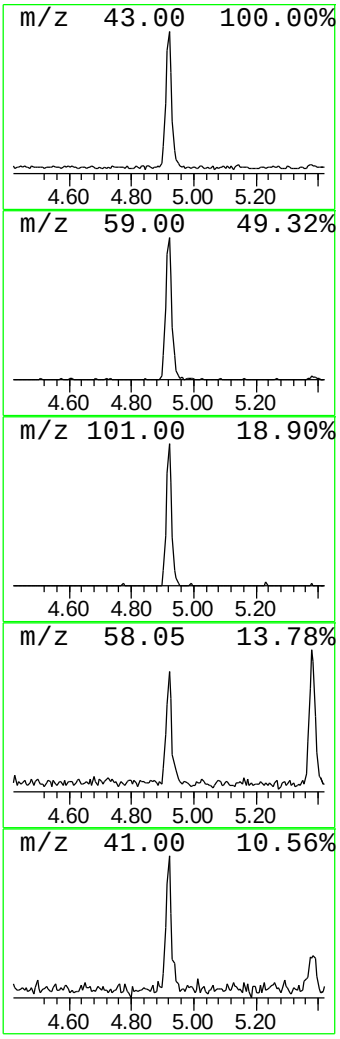
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	7.79 ng	184364	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	23
5	Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	9





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ClientSampleId : 5

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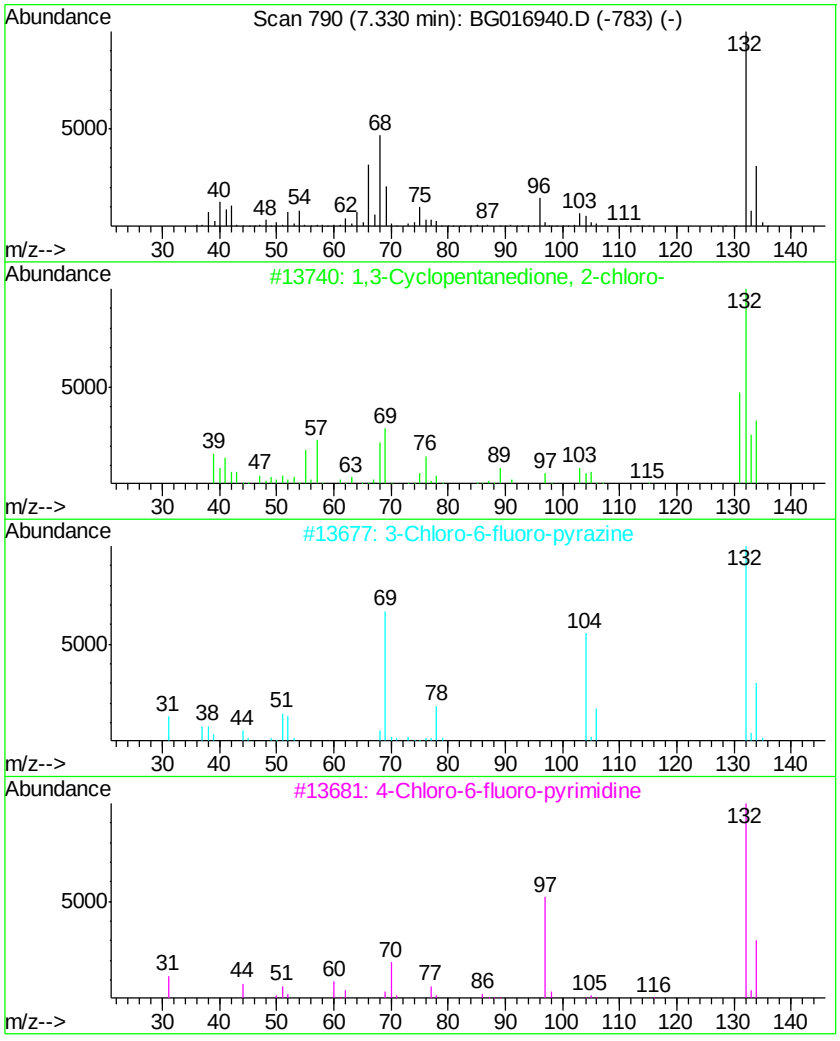
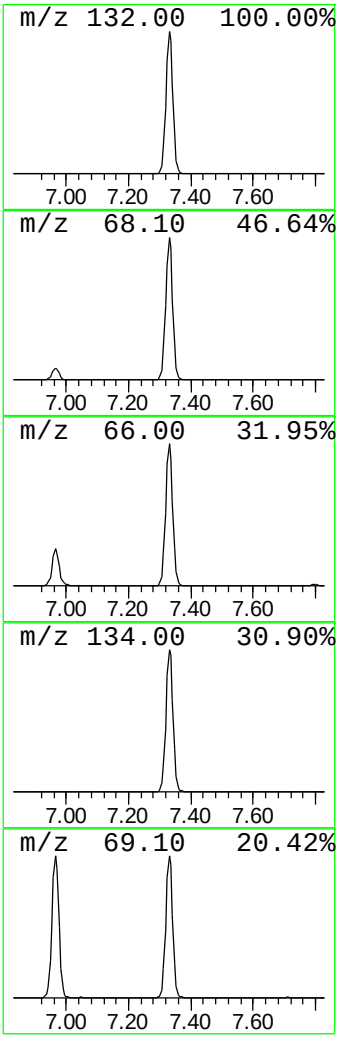
Peak Number 5 unknown7.33 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	84.85 ng	2009040	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Sample : G2084-05
Misc :
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Instrument : BNA_G
ClientSampleId : 5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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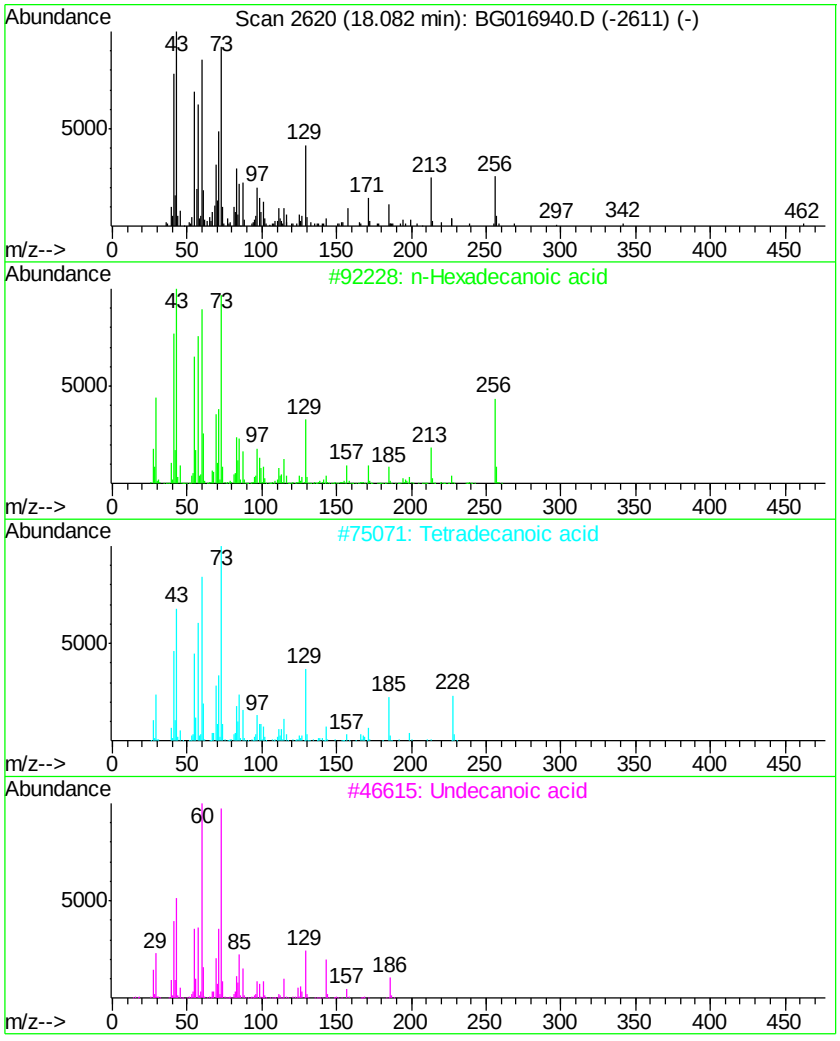
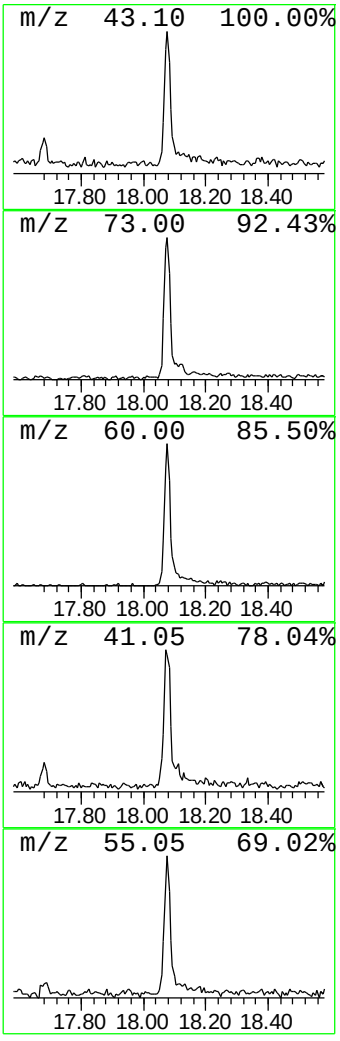
Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	5.19 ng	323633	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3	Undecanoic acid	186	C11H22O2	000112-37-8	62
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	53





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Instrument : BNA_G
ClientSampleId : 5

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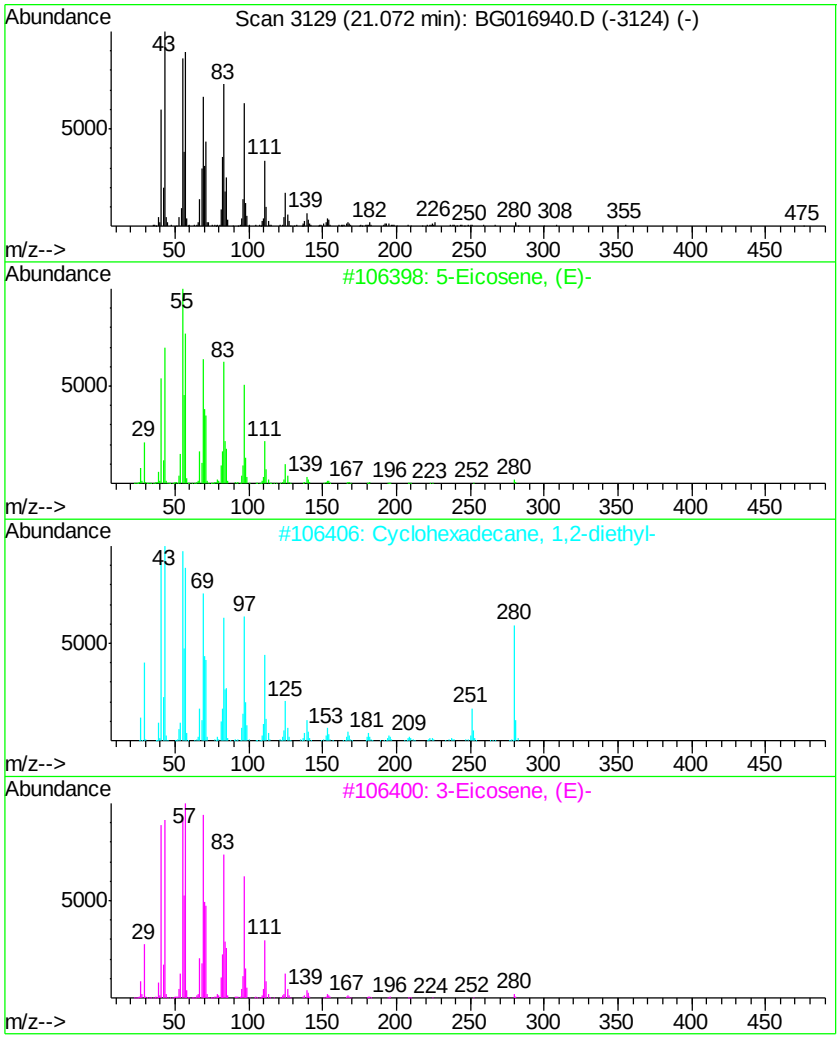
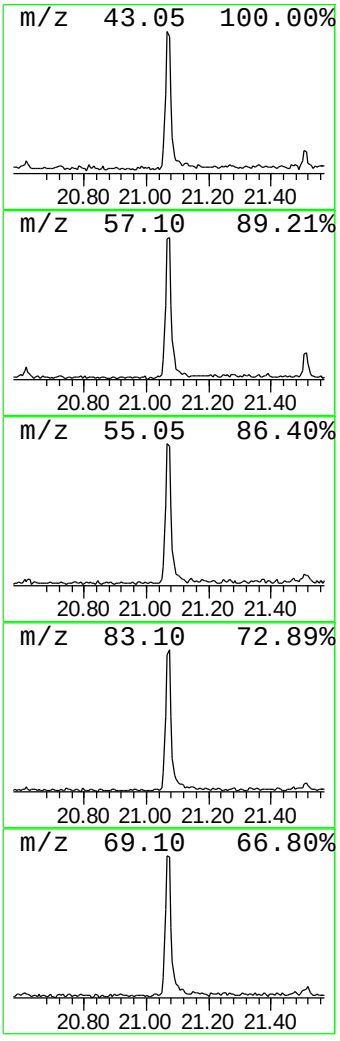
Peak Number 8 5-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	8.45 ng	553137	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	98
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
4	1-Eicosene	280	C20H40	003452-07-1	97
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93





Tentatively Identified Compound (LSC) summary

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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
unknown2.79	2.79	242.2	ng	5734540	1	7.79	473560	20.0
Butane, 2-methoxy...	3.00	10.7	ng	254170	1	7.79	473560	20.0
2-Pentanone, 4-hy...	4.92	7.8	ng	184364	1	7.79	473560	20.0
unknown7.33	7.33	84.8	ng	2009040	1	7.79	473560	20.0
n-Hexadecanoic acid	18.08	5.2	ng	323633	4	17.18	1246230	20.0
5-Eicosene, (E)-	21.07	8.4	ng	553137	5	21.35	1309270	20.0