LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060315\
Data File : BG017434.D
Acq On : 4 Jun 2015 8:35
Operator : TP/IZ
Sample : G2429-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SEC5.1(0-4)

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-BG060315.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	4.733	341	348	355	rBV	21696	30473	2.15%	0.461%
2	5.215	425	430	441	rVB	313803	455833	32.23%	6.896%
3	6.831	697	705	716	rBV	338243	518136	36.63%	7.839%
4	7.165	755	762	769	rBV	325261	499571	35.32%	7.558%
5	7.624	834	840	847	rVB	72352	105307	7.45%	1.593%
6	7.947	888	895	903	rBV	198816	313432	22.16%	4.742%
7	8.787	1031	1038	1047	rBV	187890	296697	20.98%	4.489%
8	10.420	1309	1316	1327	rBV	89427	146800	10.38%	2.221%
9	12.906	1732	1739	1748	rBV	418954	585537	41.40%	8.858%
10	13.752	1877	1883	1890	rBV2	39852	59357	4.20%	0.898%
11	14.292	1969	1975	1984	rVB2	134501	209173	14.79%	3.164%
12	15.785	2223	2229	2242	rBV	453680	648722	45.87%	9.814%
13	16.014	2261	2268	2275	rBV	9129	15816	1.12%	0.239%
14	17.036	2436	2442	2451	rBV	209218	296864	20.99%	4.491%
15	17.941	2591	2596	2606	rBV3	26409	43542	3.08%	0.659%
16	19.680	2886	2892	2898	rBV	1168204	1414321	100.00%	21.396%
17	20.949	3103	3108	3116	rBV	59439	98955	7.00%	1.497%
18	21.149	3139	3142	3145	rVB2	14376	15324	1.08%	0.232%
19	21.231	3151	3156	3161	rVB	338721	395114	27.94%	5.977%
20	22.277	3330	3334	3337	rBV4	27386	34745	2.46%	0.526%
21	22.401	3351	3355	3361	rVB2	30882	42195	2.98%	0.638%
22	23.464	3529	3536	3549	rVB	212509	384151	27.16%	5.812%

Sum of corrected areas: 6610065

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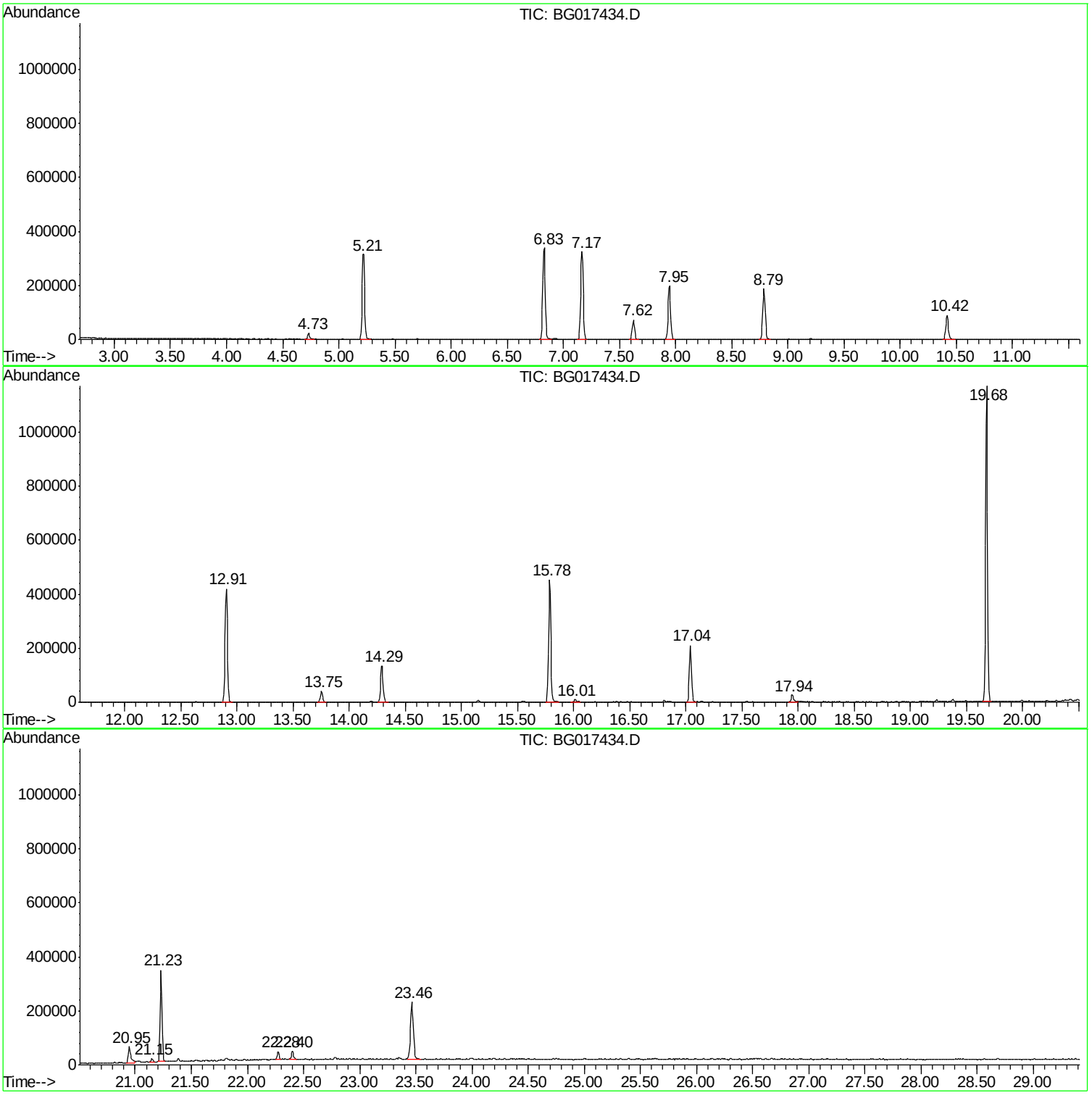
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SEC5.1(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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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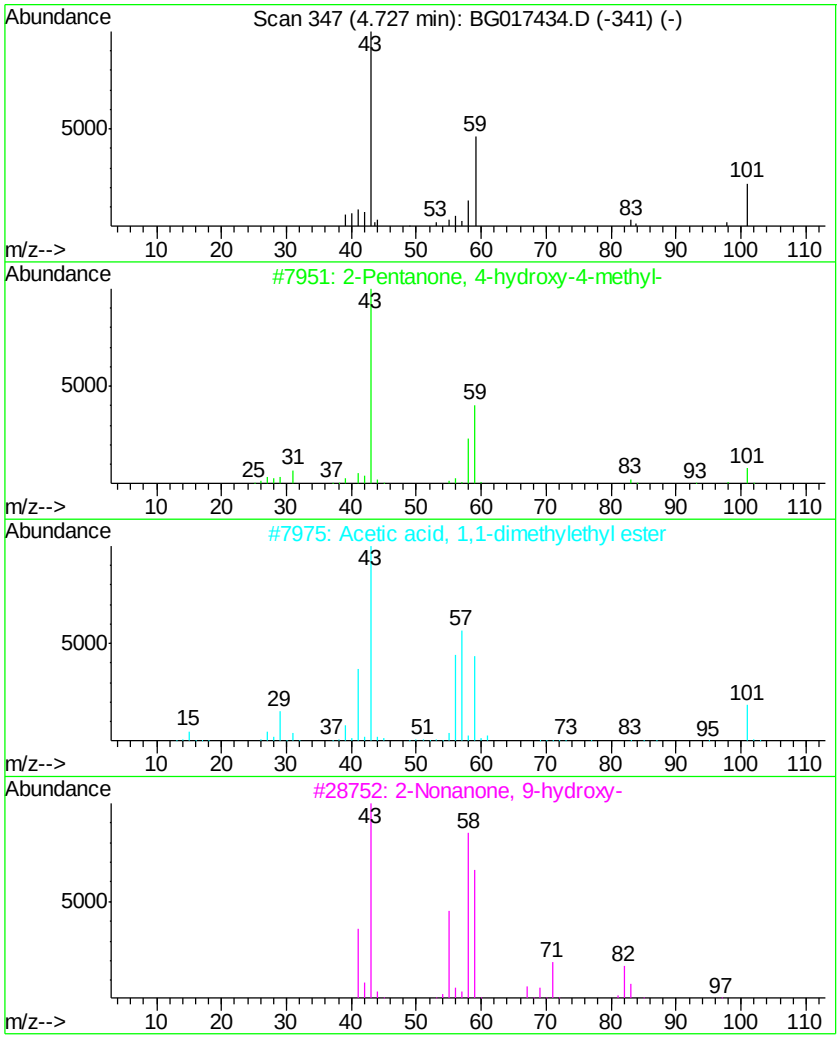
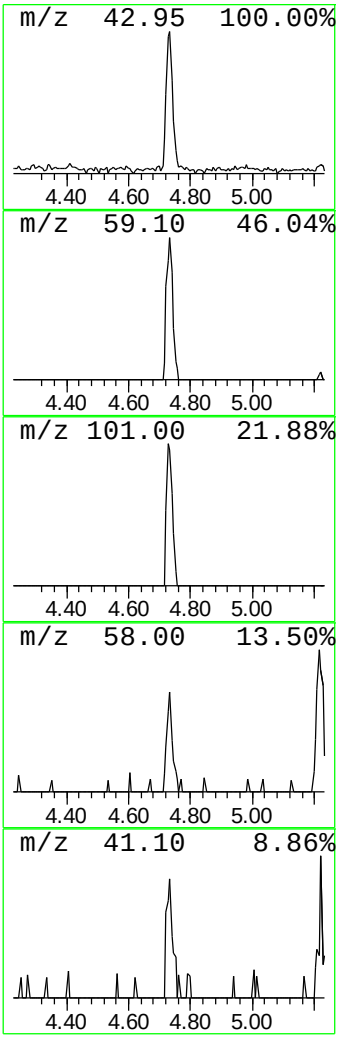
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	5.79 ng	30473	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	28
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	12
5	Propylamine	59	C3H9N	000107-10-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060315\
Data File : BG017434.D
Acq On : 4 Jun 2015 8:35
Operator : TP/IZ
Sample : G2429-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SEC5.1(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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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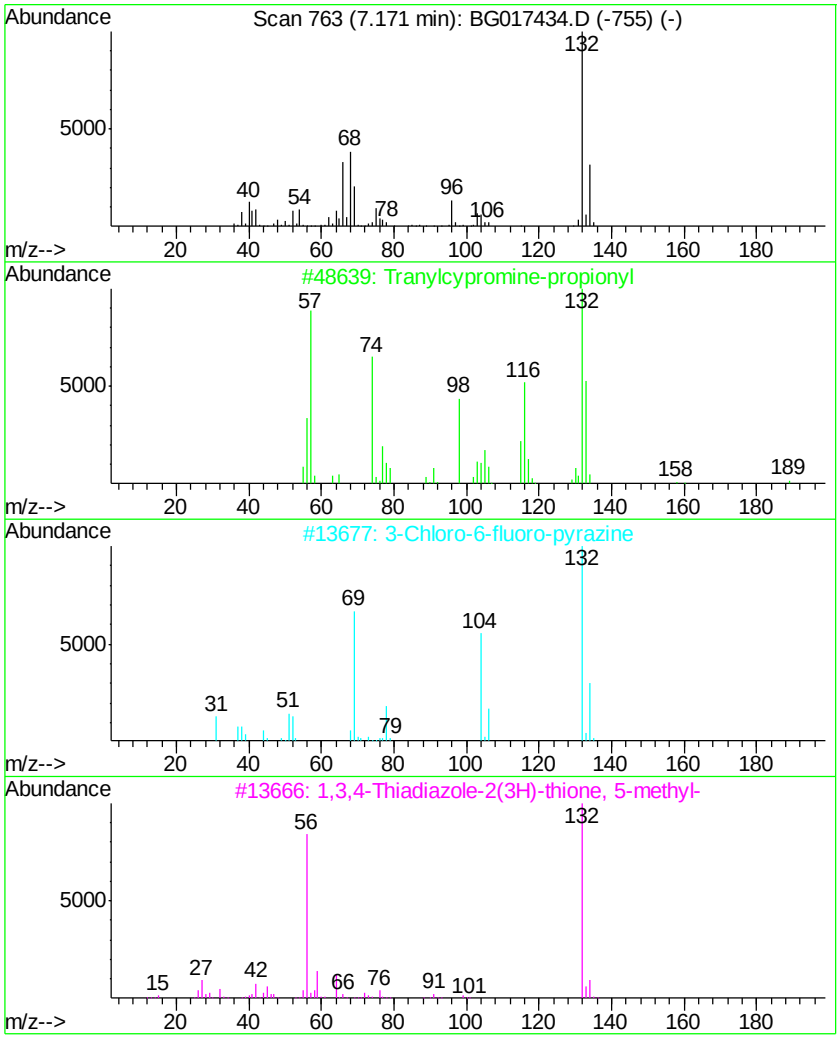
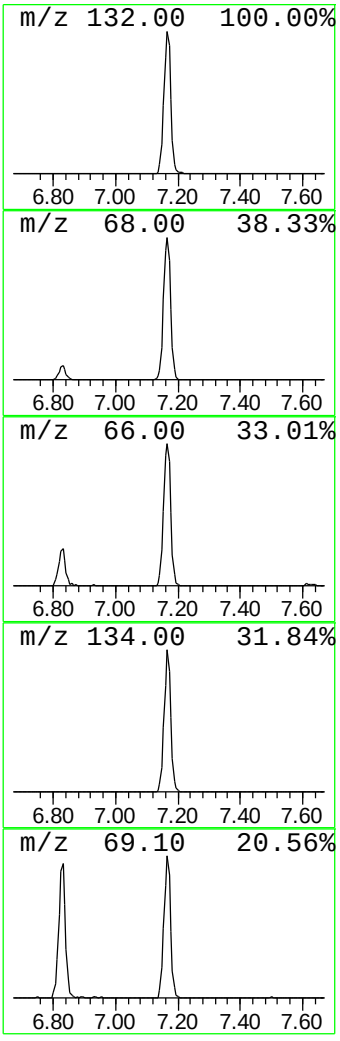
Peak Number 2 unknown7.17 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	94.88 ng	499571	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	16
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Data File : BG017434.D
Acq On : 4 Jun 2015 8:35
Operator : TP/IZ
Sample : G2429-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SEC5.1(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
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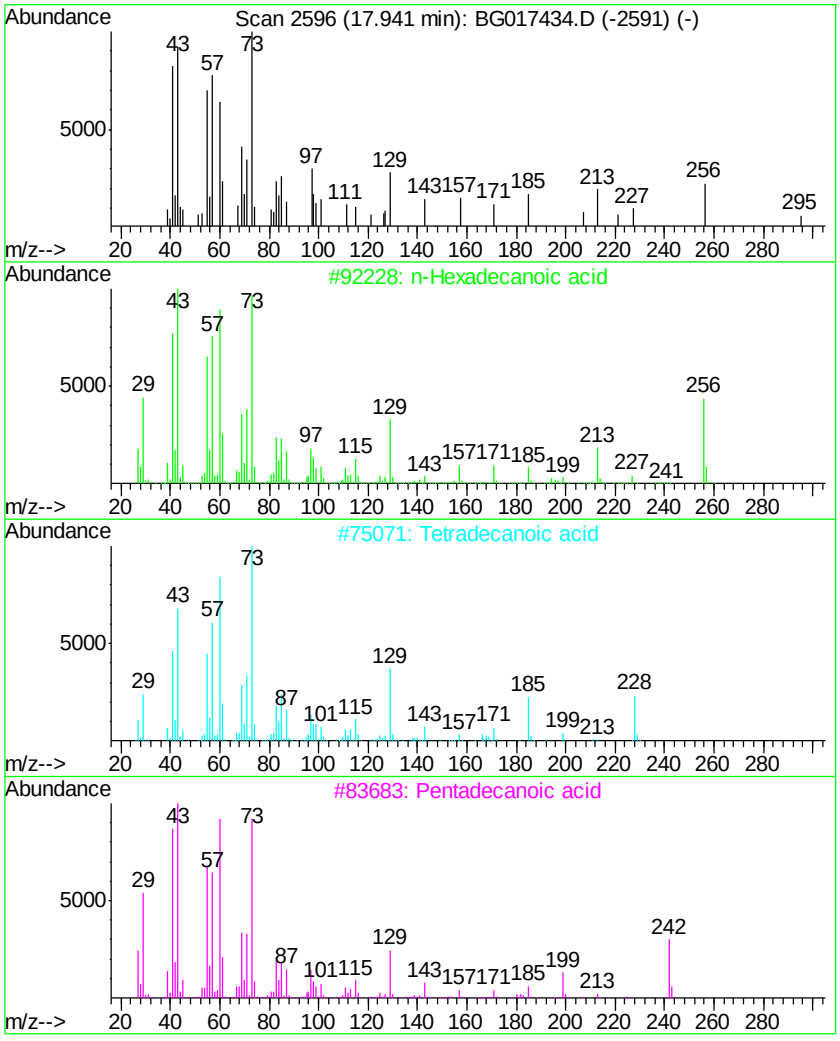
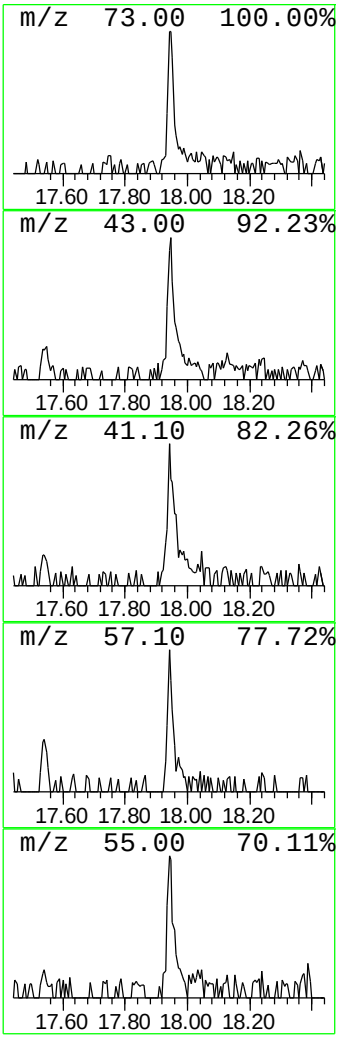
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	2.93 ng	43542	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	43
4	Undecanoic acid	186	C11H22O2	000112-37-8	43
5	Dodecanoic acid	200	C12H24O2	000143-07-7	43





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Sample : G2429-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SEC5.1(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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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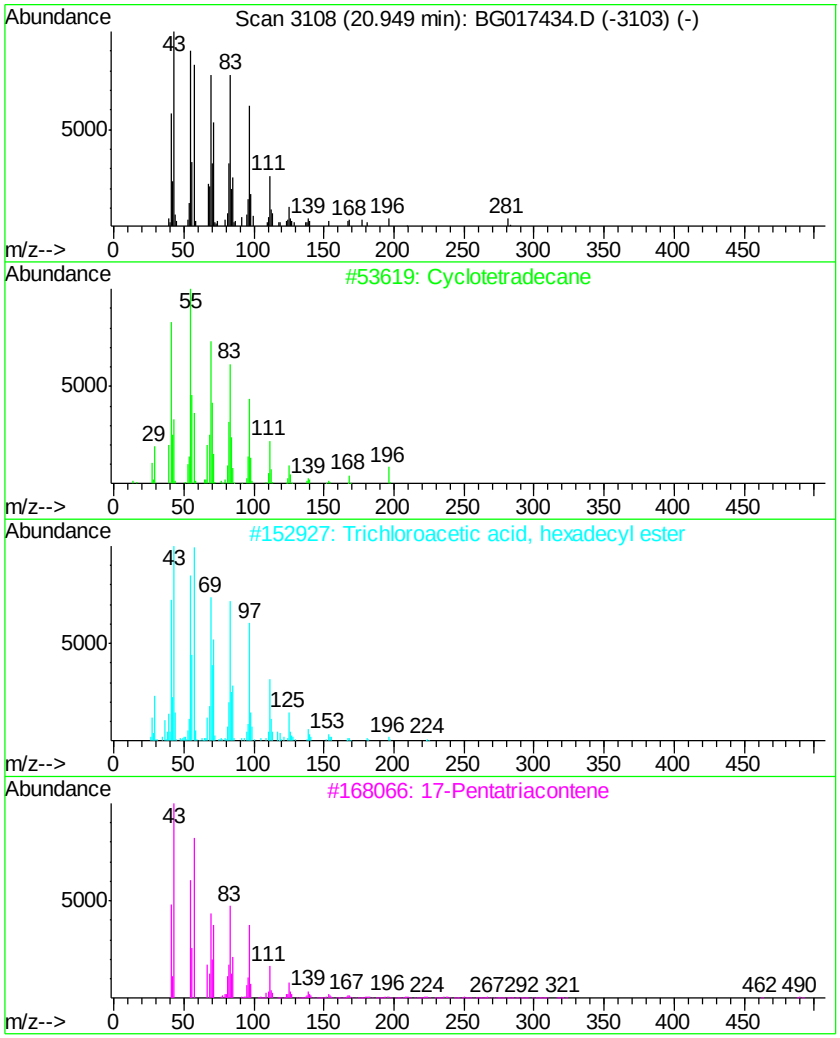
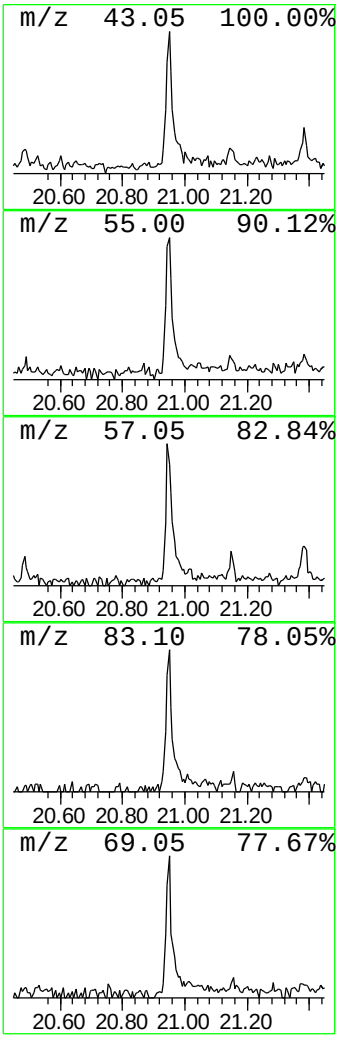
Peak Number 5 Cyclotetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	5.01 ng	98955	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	1-Tetradecene	196	C14H28	001120-36-1	90
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	90





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Sample : G2429-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SEC5.1(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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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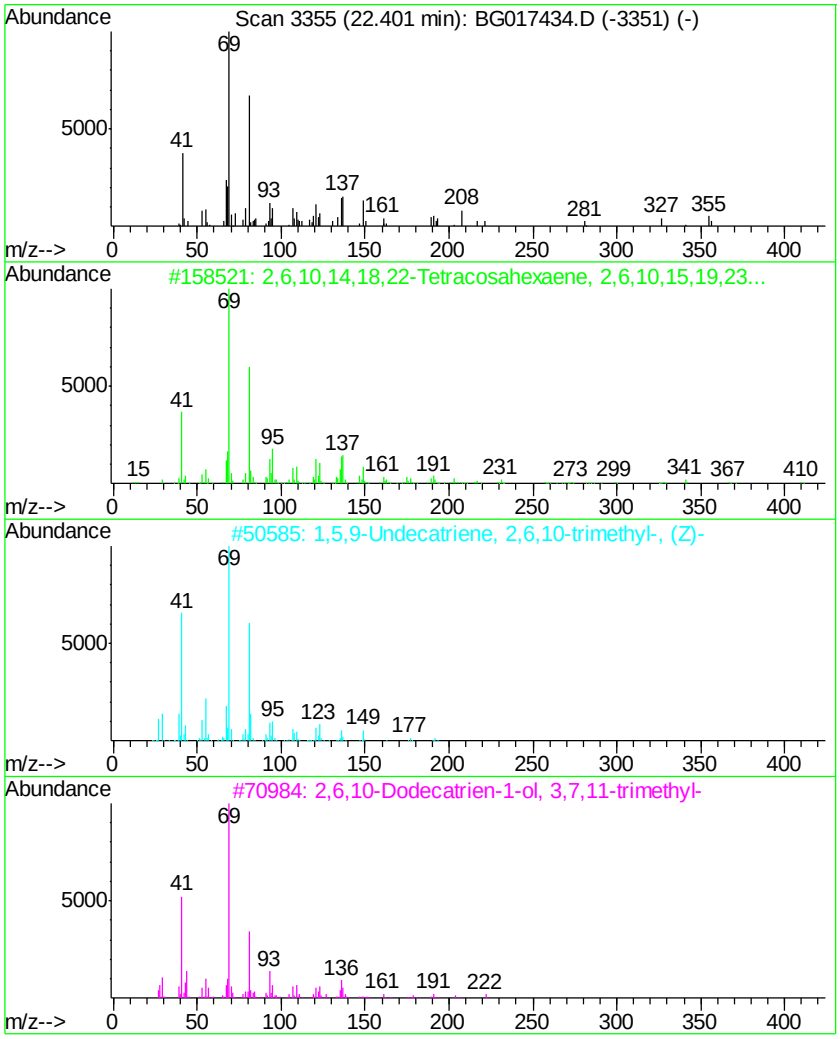
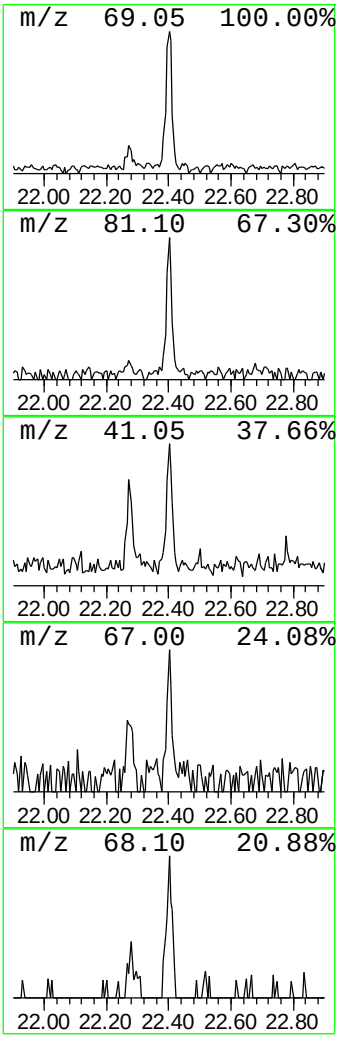
Peak Number 6 2,6,10,14,18,22-Tetracosahe... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	2.20 ng	42195	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	74
2	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	68
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	64
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	64
5	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	64





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
2-Pentanone, 4-hy...	4.73	5.8	ng	30473	1	7.62	105307	20.0
unknown7.17	7.17	94.9	ng	499571	1	7.62	105307	20.0
n-Hexadecanoic acid	17.94	2.9	ng	43542	4	17.04	296864	20.0
Cyclotetradecane	20.95	5.0	ng	98955	5	21.23	395114	20.0
2,6,10,14,18,22-T...	22.40	2.2	ng	42195	6	23.46	384151	20.0