LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022616\
Data File : BG021090.D
Acq On : 26 Feb 2016 22:46
Operator : UM/SJ
Sample : H1558-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S5

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-BG022616.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	3.094	37	43	59	rVV	322570	475501	100.00%	19.999%
2	3.235	62	67	75	rVV2	7180	14443	3.04%	0.607%
3	5.262	407	412	419	rBB	14471	21194	4.46%	0.891%
4	5.726	485	491	497	rBB	70706	111116	23.37%	4.673%
5	7.312	754	761	768	rBB	77975	125827	26.46%	5.292%
6	7.700	820	827	833	rBB	73724	121770	25.61%	5.121%
7	8.170	902	907	913	rBB	19097	29112	6.12%	1.224%
8	8.493	956	962	969	rBB	52288	88558	18.62%	3.725%
9	9.334	1098	1105	1111	rBB	46031	78412	16.49%	3.298%
10	10.985	1379	1386	1392	rBB	25588	43310	9.11%	1.822%
11	13.405	1792	1798	1805	rBB	136116	199335	41.92%	8.384%
12	14.222	1932	1937	1942	rBB	13501	16880	3.55%	0.710%
13	14.780	2026	2032	2038	rBB2	41674	66424	13.97%	2.794%
14	15.609	2169	2173	2176	rBB	4072	5044	1.06%	0.212%
15	16.255	2277	2283	2289	rBB2	123405	170246	35.80%	7.160%
16	16.466	2315	2319	2326	rBB2	4239	6851	1.44%	0.288%
17	17.512	2490	2497	2503	rBV	65516	92422	19.44%	3.887%
18	18.382	2641	2645	2652	rBV2	14914	18139	3.81%	0.763%
19	19.645	2857	2860	2864	rBV2	4830	4900	1.03%	0.206%
20	20.103	2933	2938	2944	rVB	326055	410665	86.36%	17.272%
21	21.408	3156	3160	3164	rBV2	15419	18911	3.98%	0.795%
22	21.778	3217	3223	3230	rBV2	75621	123755	26.03%	5.205%
23	23.505	3512	3517	3525	rVB	15029	27923	5.87%	1.174%
24	25.068	3775	3783	3794	rVB	39187	106918	22.49%	4.497%

Sum of corrected areas: 2377656

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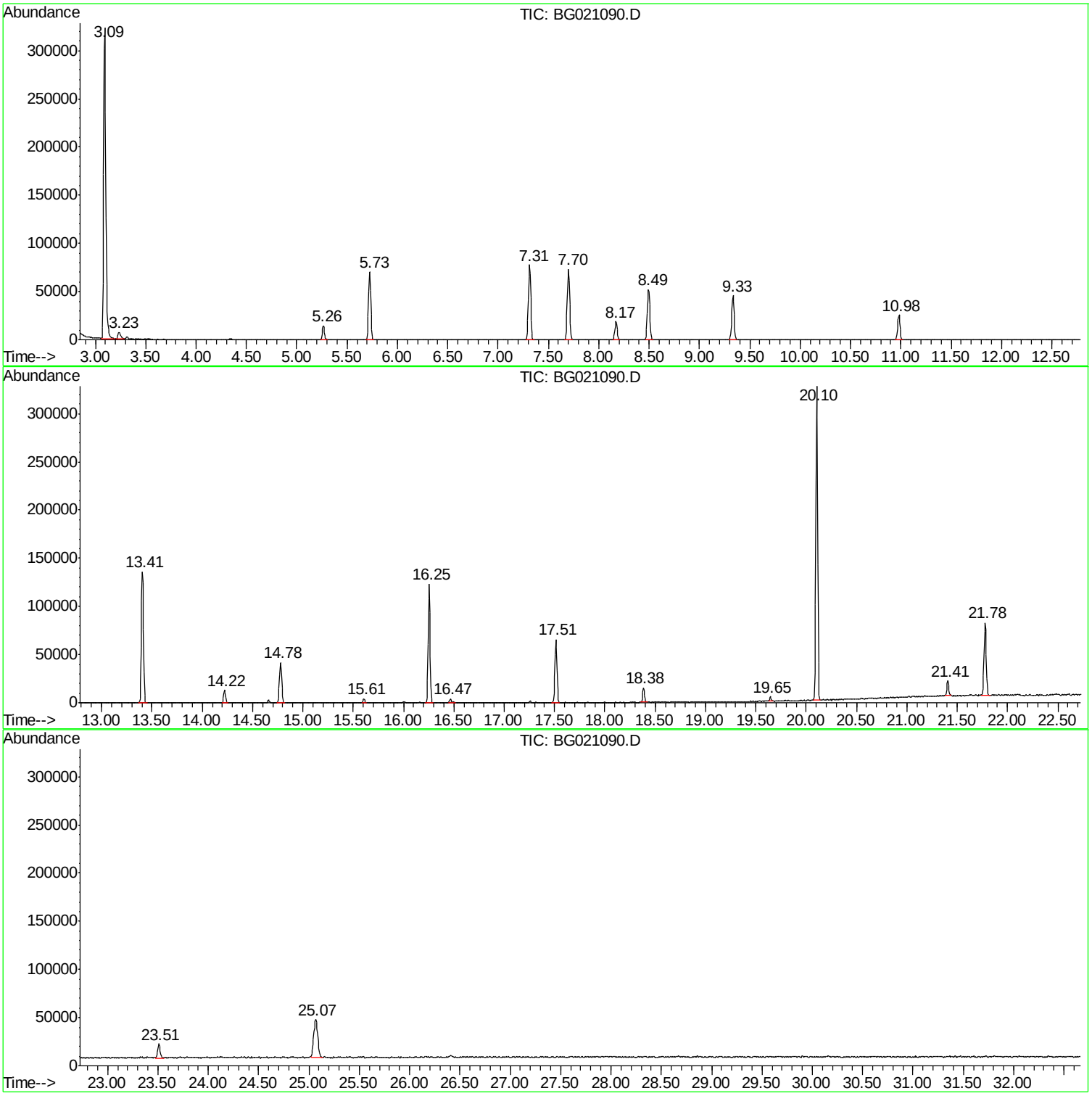
Instrument : BNA_G
ClientSampleId : S5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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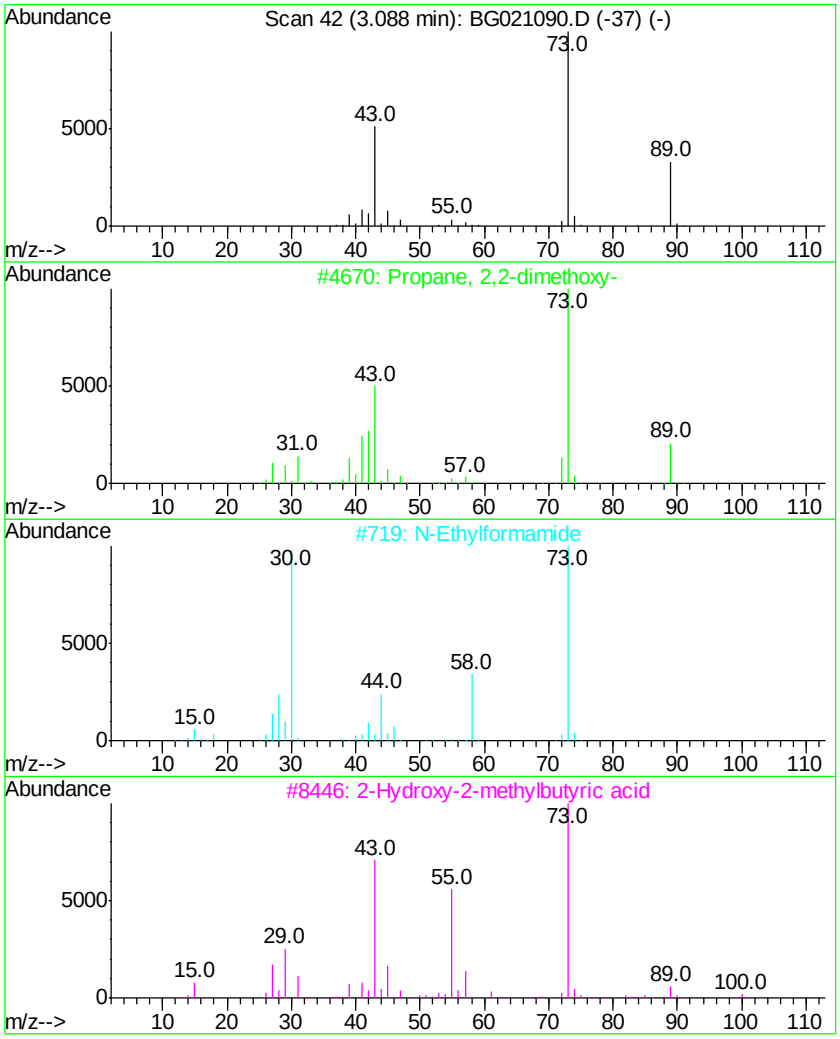
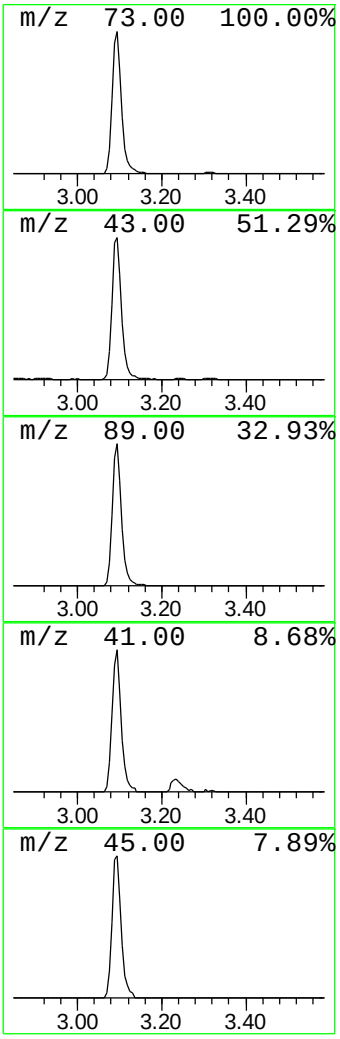
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	326.67 ng	475501	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	50
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Library Search Compound Report

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Operator : UM/SJ
Sample : H1558-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
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TIC Library : C:\DATABASE\NIST02.L
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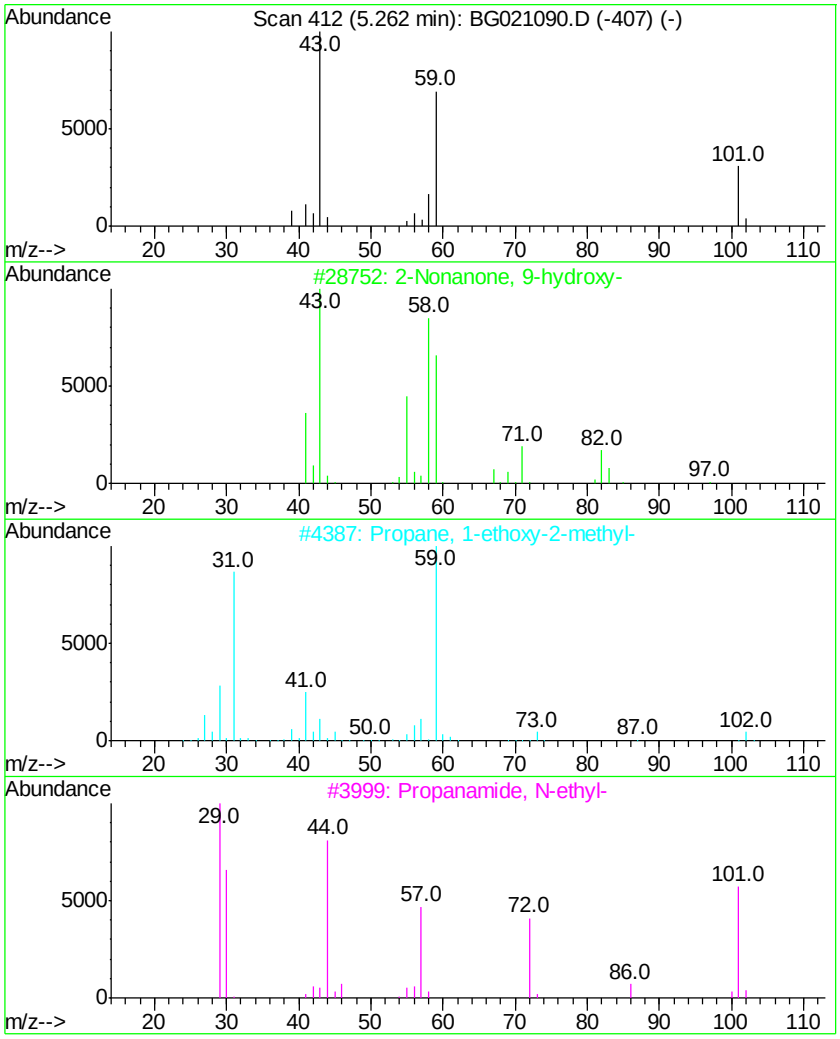
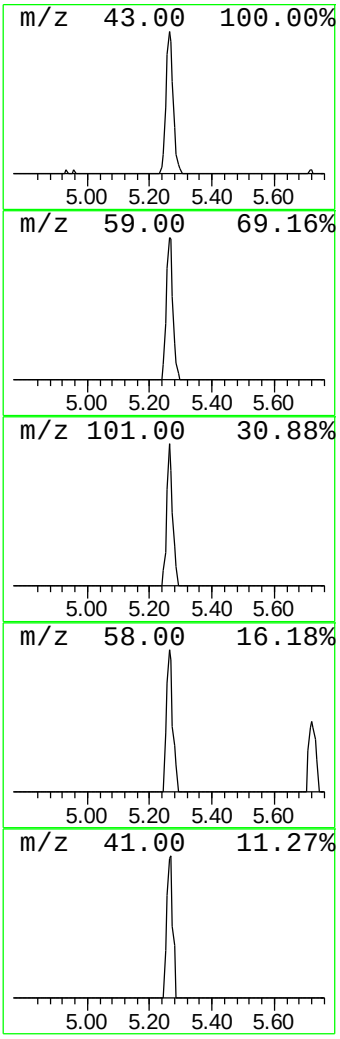
Peak Number 3 unknown5.26 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	14.56 ng	21194	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	33
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	17
3	Propanamide, N-ethyl-	101	C5H11NO	005129-72-6	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Library Search Compound Report

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Acq On : 26 Feb 2016 22:46
Operator : UM/SJ
Sample : H1558-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

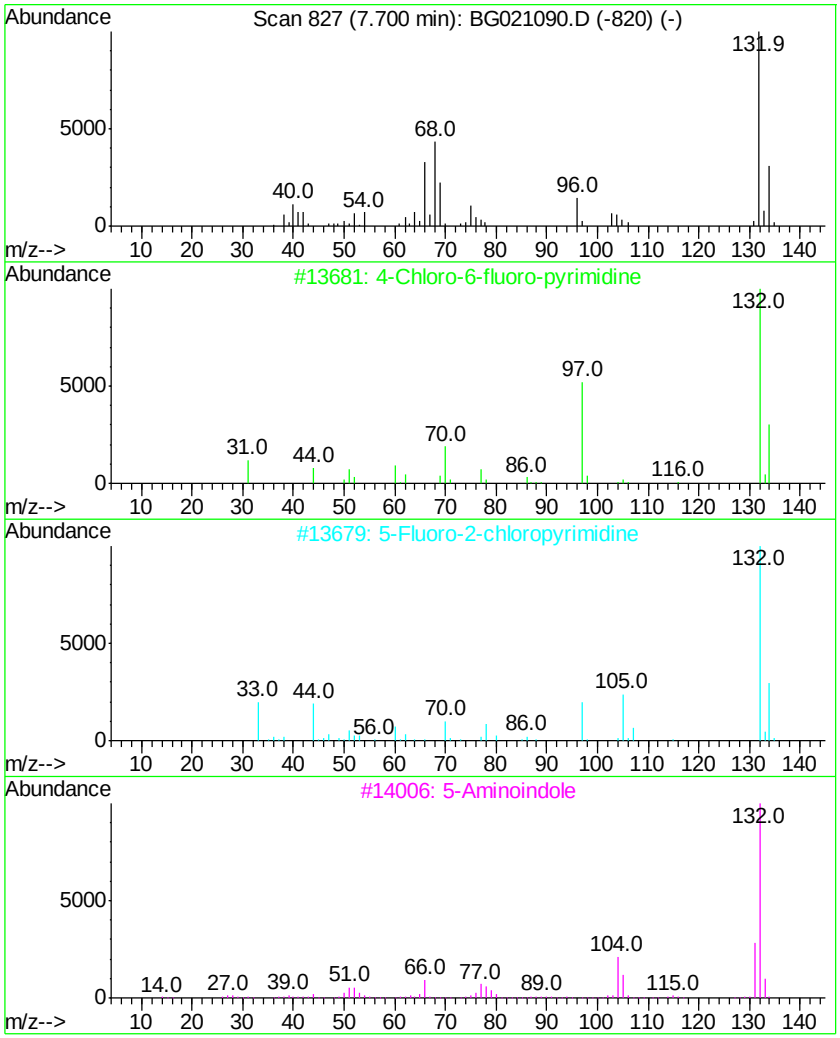
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

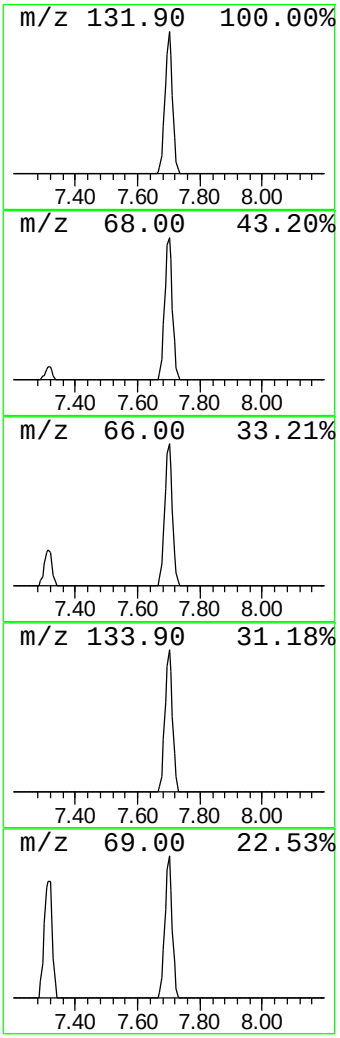
****

Peak Number 4 unknown7.70 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	83.66 ng	121770	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	27
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17





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Operator : UM/SJ
Sample : H1558-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
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TIC Library : C:\DATABASE\NIST02.L
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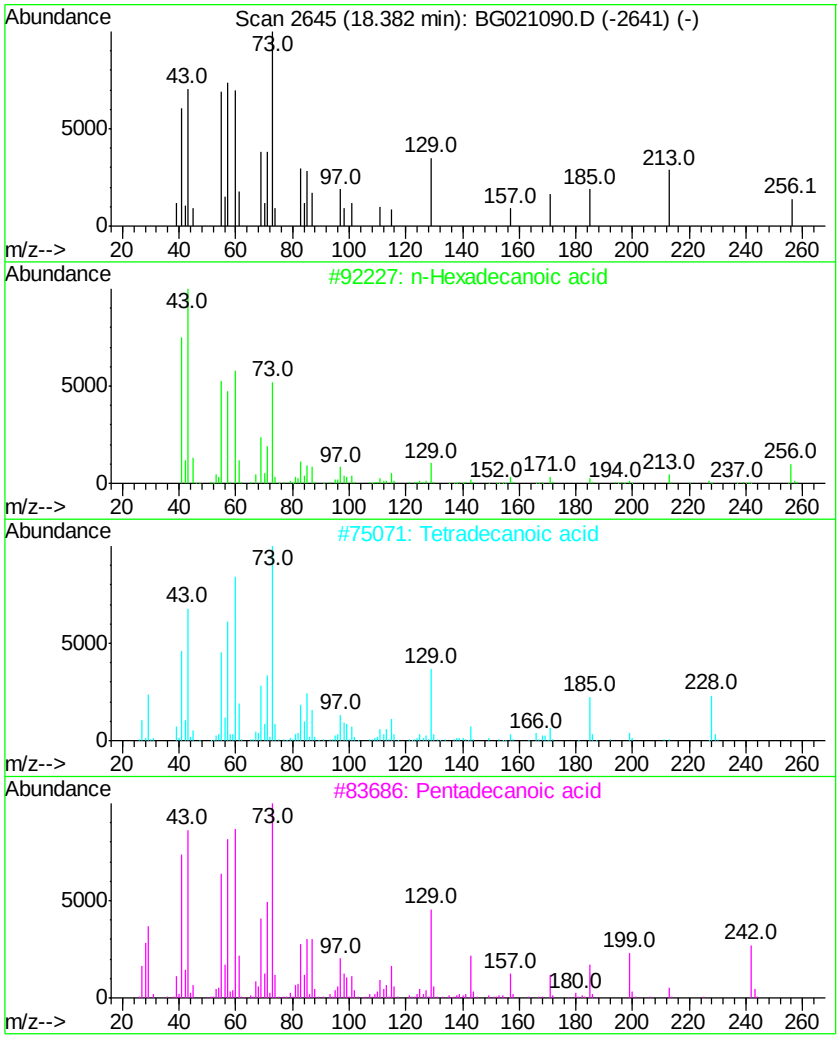
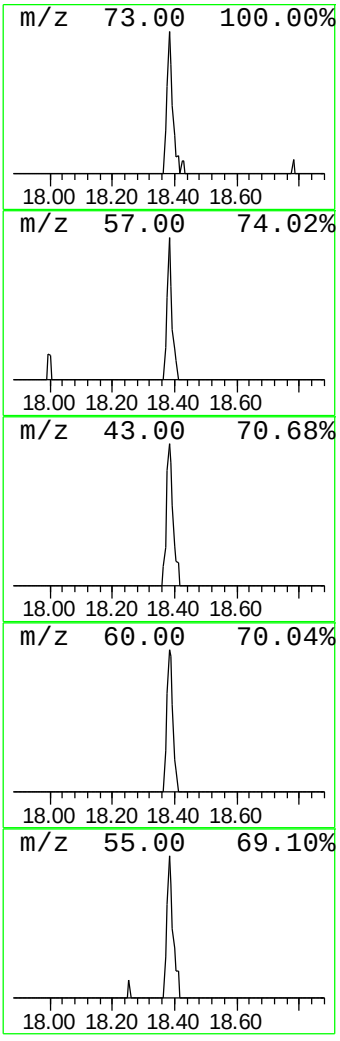
Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	3.93 ng	18139	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	Dodecanoic acid	200	C12H24O2	000143-07-7	47
5	Undecanoic acid	186	C11H22O2	000112-37-8	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022616\
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Acq On : 26 Feb 2016 22:46
Operator : UM/SJ
Sample : H1558-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
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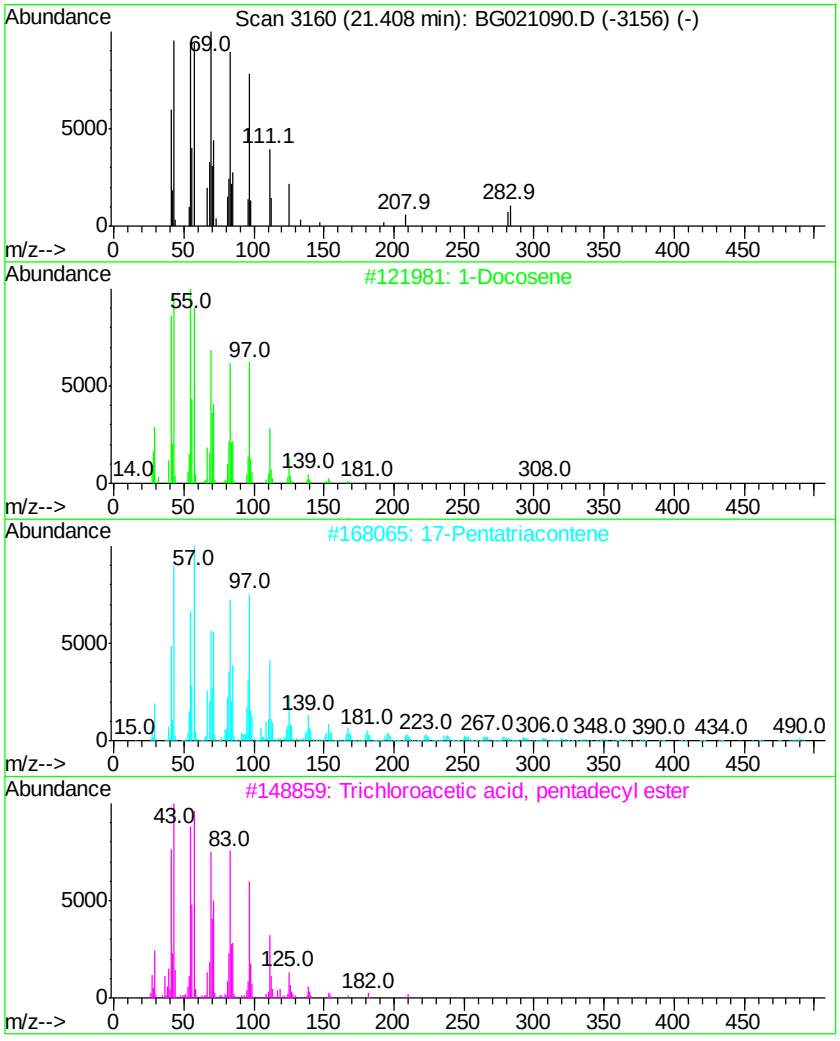
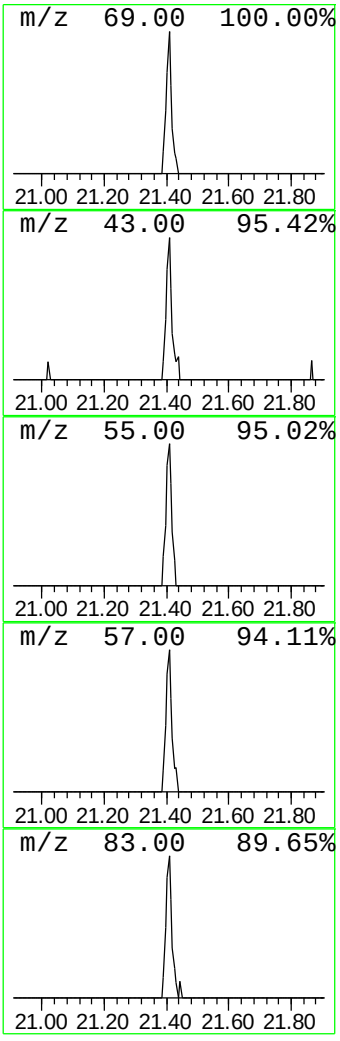
Peak Number 7 1-Docosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	3.06 ng	18911	Chrysene-d12	21.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	53
2	17-Pentatriacontene	491	C35H70	006971-40-0	49
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	49
4	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	49
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	49





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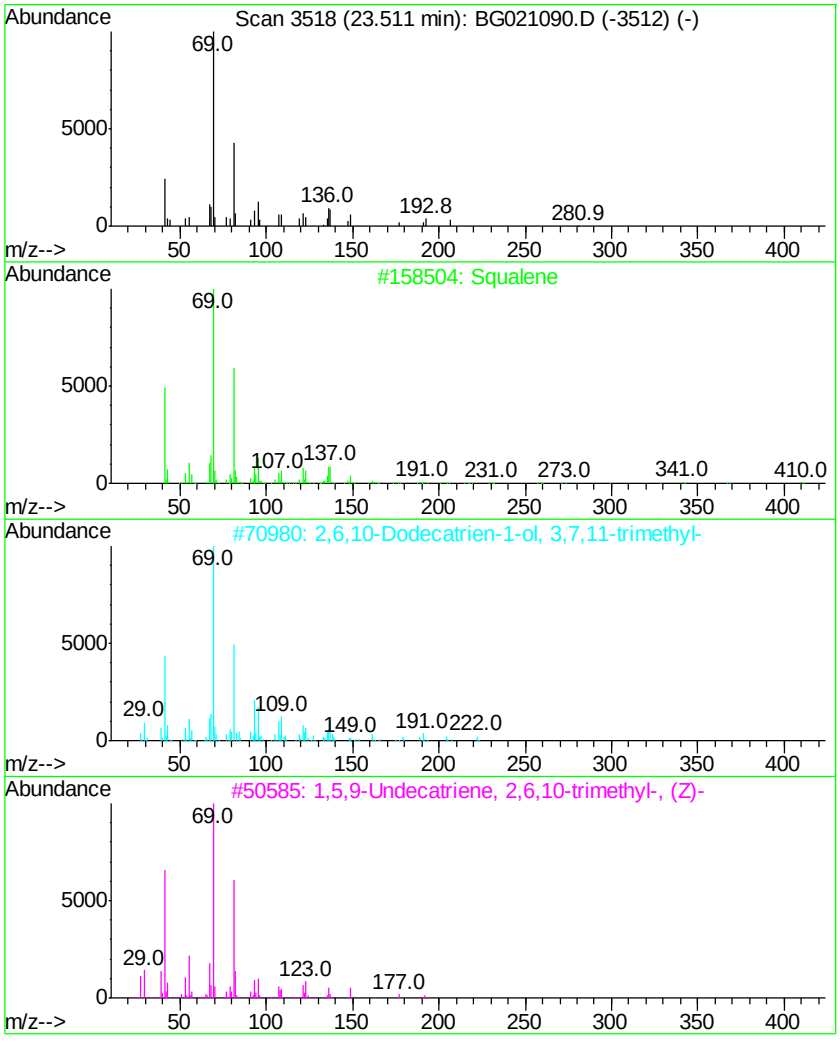
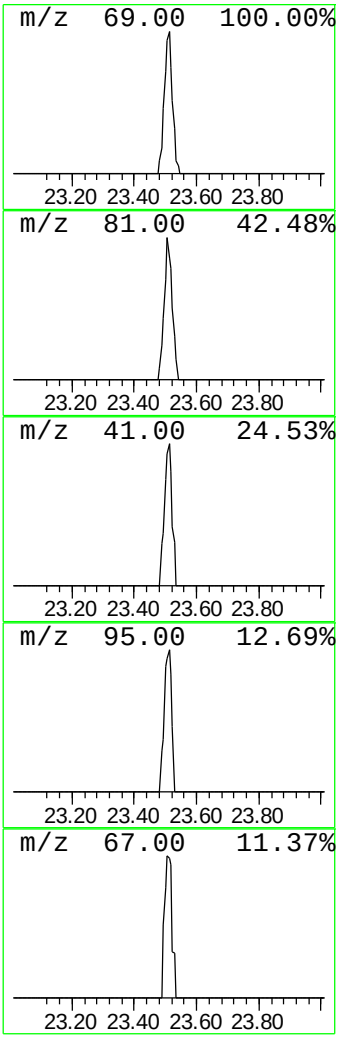
Peak Number 8 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.51	5.22 ng	27923	Perylene-d12	25.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	72
2	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	64
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	59
4	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	50
5	Farnesol isomer a	222	C15H26O	1000108-92-4	50





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
Propane, 2,2-dime...	3.09	326.7	ng	475501	1	8.17	29112	20.0
unknown5.26	5.26	14.6	ng	21194	1	8.17	29112	20.0
unknown7.70	7.70	83.7	ng	121770	1	8.17	29112	20.0
n-Hexadecanoic acid	18.38	3.9	ng	18139	4	17.51	92422	20.0
1-Docosene	21.41	3.1	ng	18911	5	21.78	123755	20.0
Squalene	23.51	5.2	ng	27923	6	25.07	106918	20.0