

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
 Data File : BG021101.D
 Acq On : 27 Feb 2016 5:58
 Operator : UM/SJ
 Sample : H1558-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S11

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	3.093	37	43	62	rVB	486402	749343	100.00%	23.310%
2	3.234	62	67	76	rVB4	6335	13312	1.78%	0.414%
3	5.261	405	412	419	rBB	22923	33634	4.49%	1.046%
4	5.719	485	490	498	rBB	103767	165262	22.05%	5.141%
5	7.311	754	761	768	rBB	110344	184300	24.59%	5.733%
6	7.699	820	827	834	rBB	110139	180746	24.12%	5.623%
7	8.169	901	907	913	rBB2	19971	32846	4.38%	1.022%
8	8.492	956	962	969	rBB	75483	130278	17.39%	4.053%
9	9.333	1098	1105	1111	rBB	67605	115985	15.48%	3.608%
10	10.978	1379	1385	1392	rBB	28135	47964	6.40%	1.492%
11	13.404	1791	1798	1804	rBB	191690	279834	37.34%	8.705%
12	14.221	1932	1937	1943	rBB	25756	34004	4.54%	1.058%
13	14.773	2026	2031	2037	rVB2	45228	70058	9.35%	2.179%
14	15.602	2166	2172	2176	rBB	8762	10147	1.35%	0.316%
15	16.254	2276	2283	2289	rBV	163615	234973	31.36%	7.309%
16	16.460	2313	2318	2321	rBV	8396	10980	1.47%	0.342%
17	17.511	2491	2497	2503	rBV	65892	94985	12.68%	2.955%
18	18.375	2641	2644	2650	rBV3	6802	8762	1.17%	0.273%
19	20.102	2932	2938	2944	rBV	460760	561476	74.93%	17.466%
20	21.401	3155	3159	3166	rBV4	10243	13234	1.77%	0.412%
21	21.777	3216	3223	3230	rBV	79038	131781	17.59%	4.099%
22	25.055	3774	3781	3794	rVB3	41225	110753	14.78%	3.445%

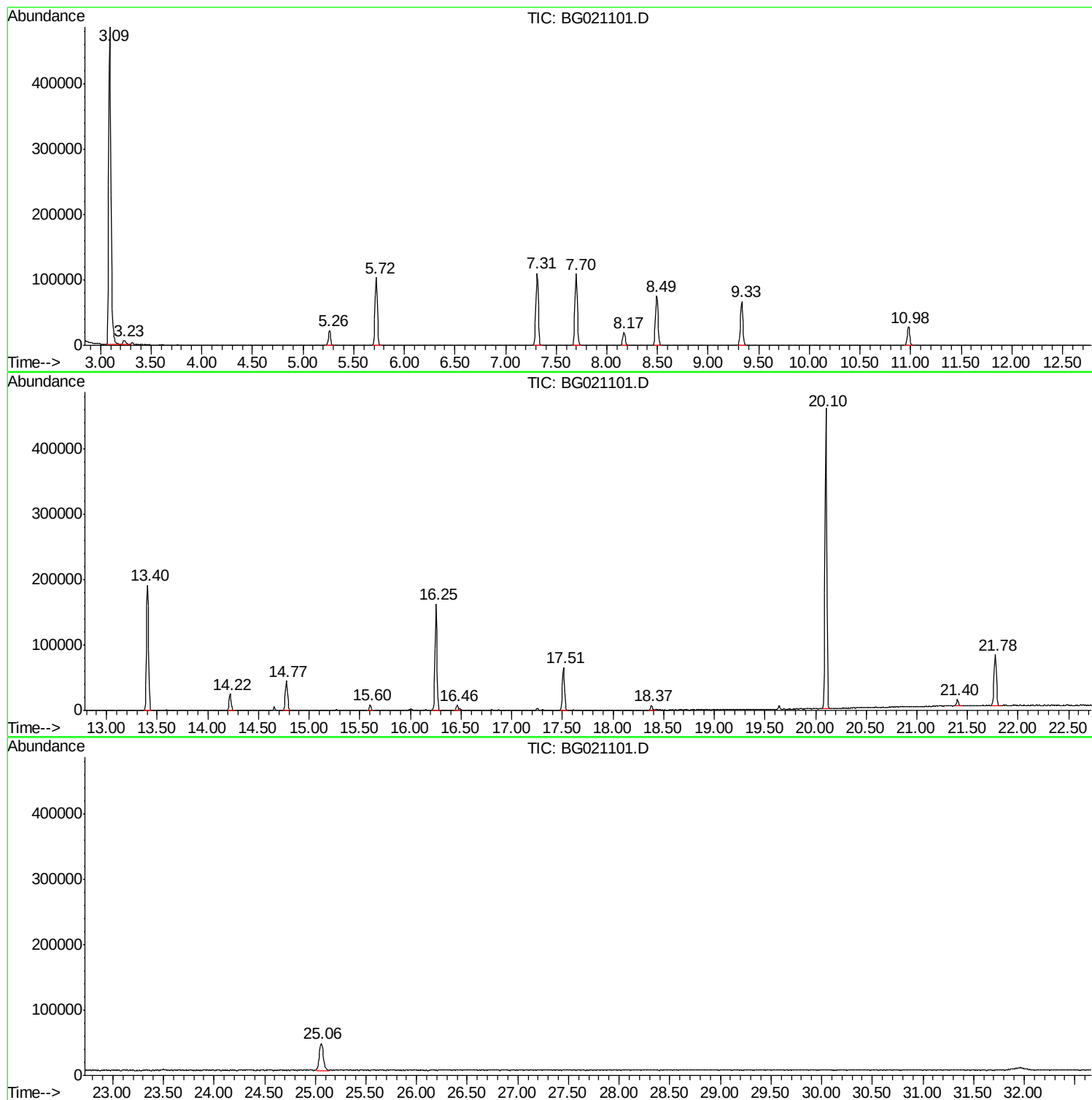
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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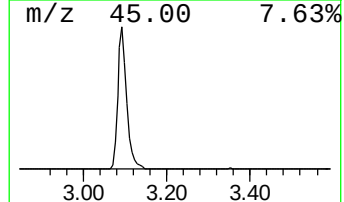
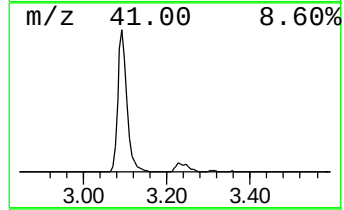
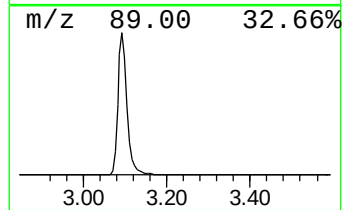
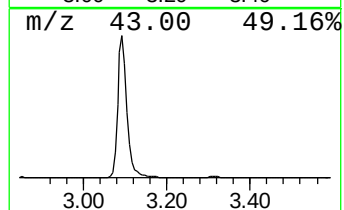
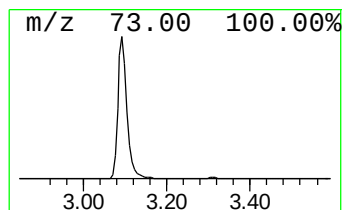
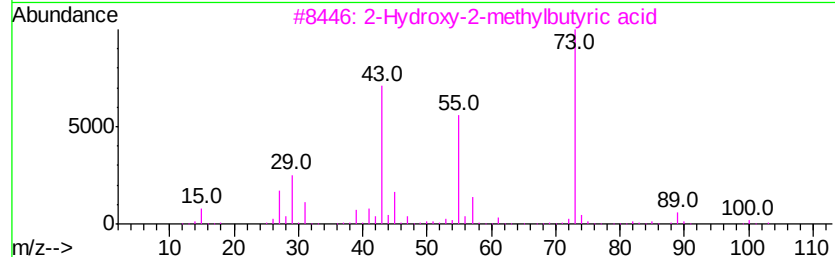
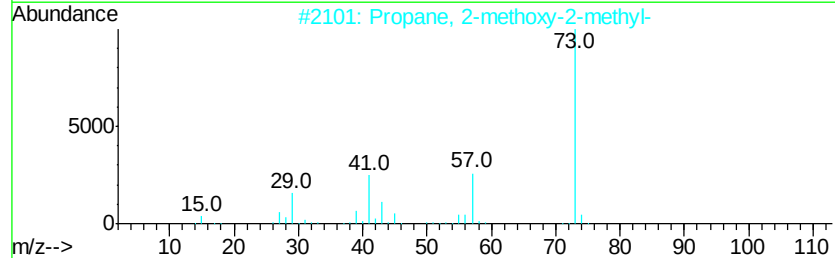
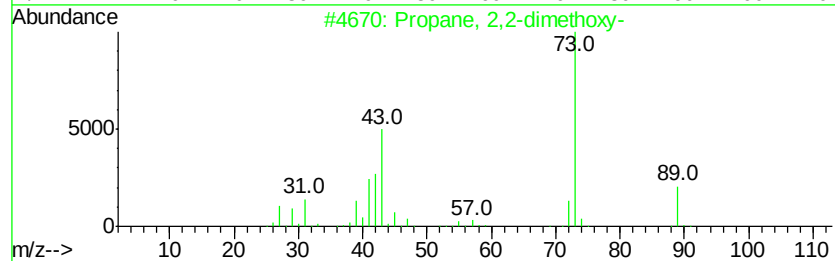
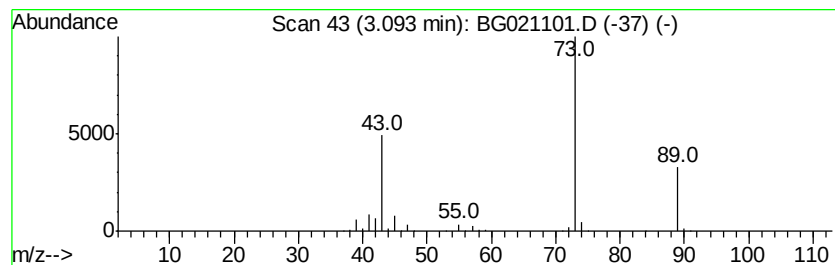
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown3.09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	456.28 ng	749343	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	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		Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7



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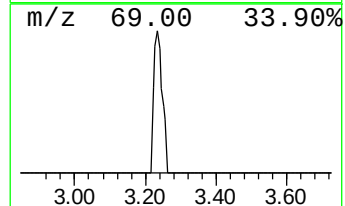
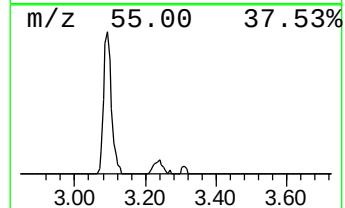
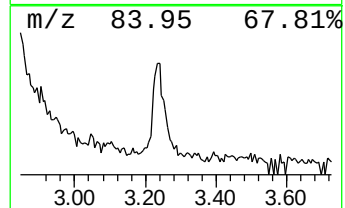
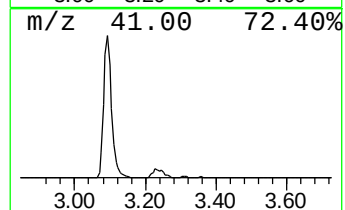
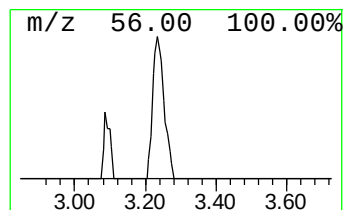
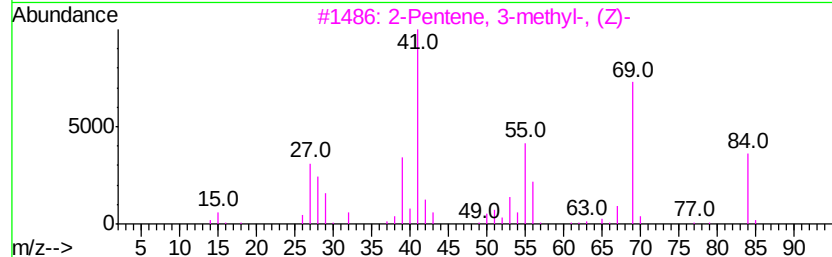
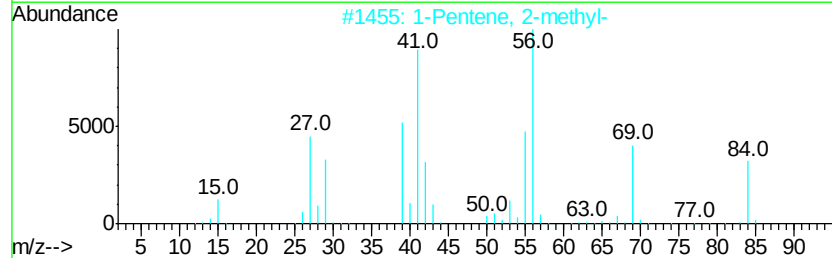
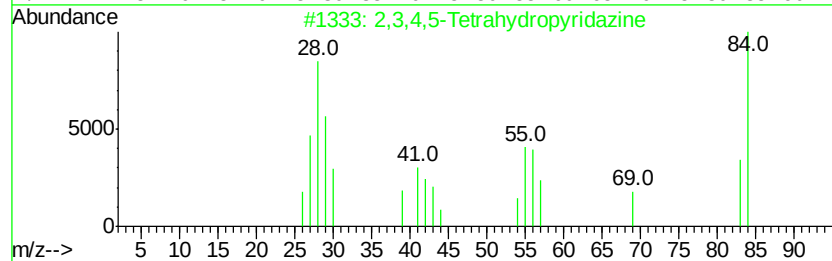
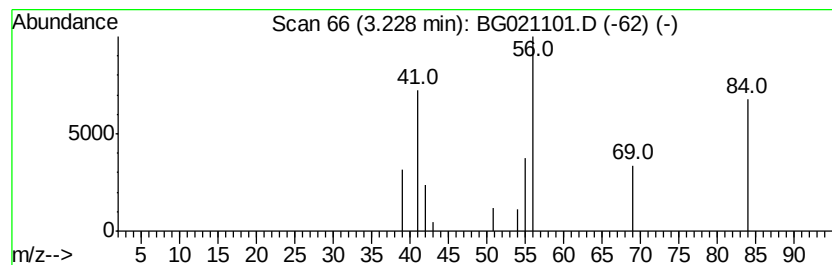
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Peak Number 2 unknown3.23 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	8.11 ng	13312	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,4,5-Tetrahydropyridazine	84	C4H8N2	000694-06-4	37
2		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	17
3		2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	9
4		2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	9
5		Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	9



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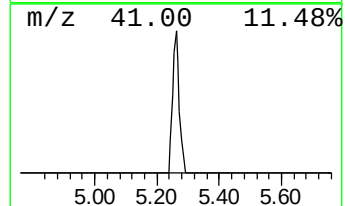
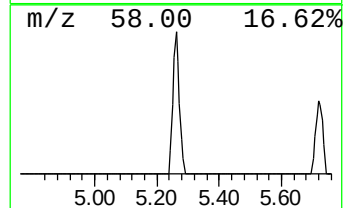
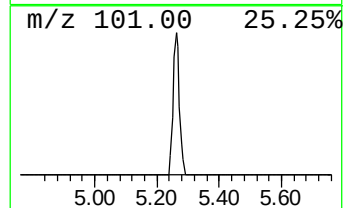
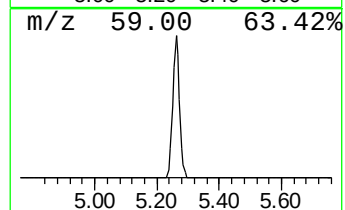
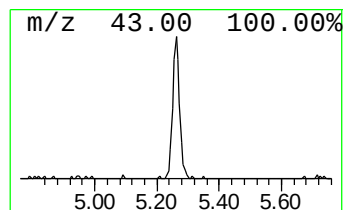
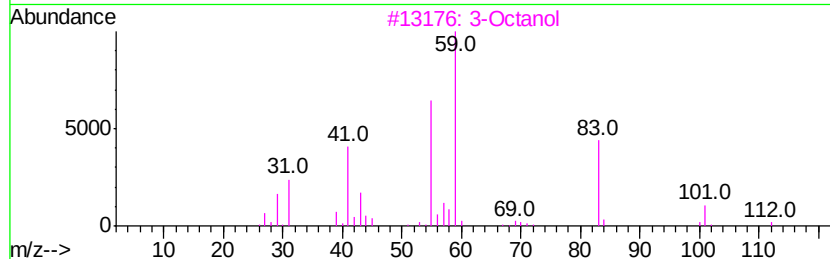
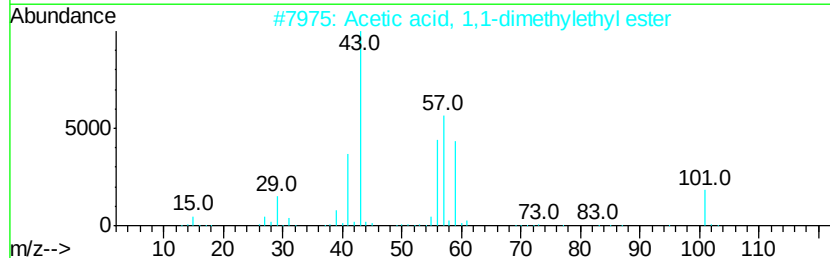
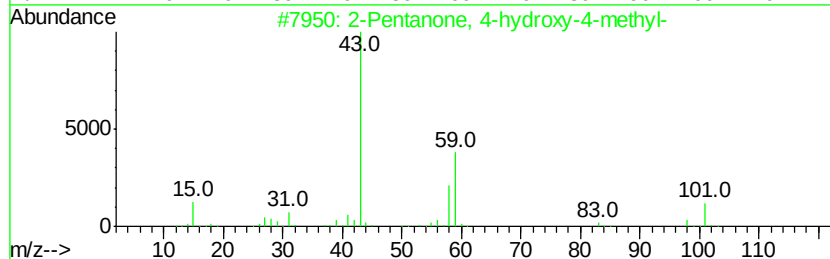
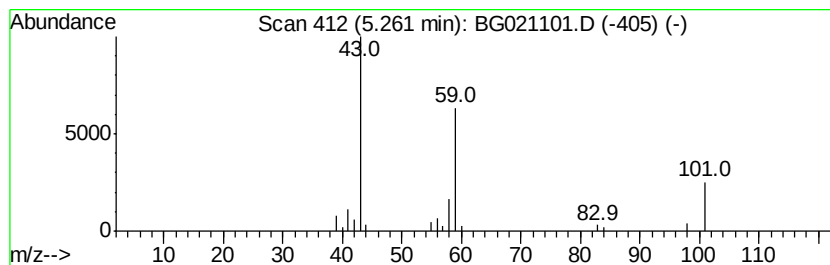
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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	20.48 ng	33634	1,4-Dichlorobenzene-d4	8.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2		000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2		000540-88-5	39
3	3-Octanol	130	C8H18O		000589-98-0	25
4	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2		016504-58-8	25
5	2-Propyn-1-ol, acetate	98	C5H6O2		000627-09-8	9



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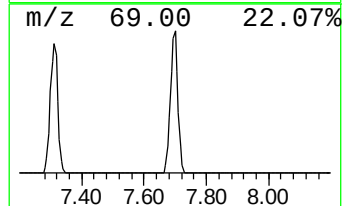
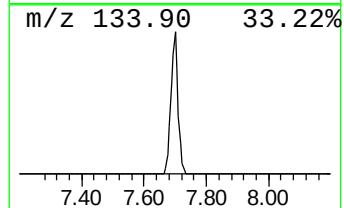
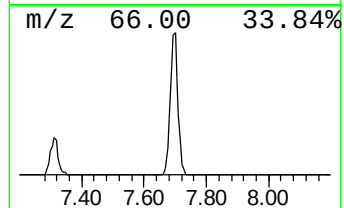
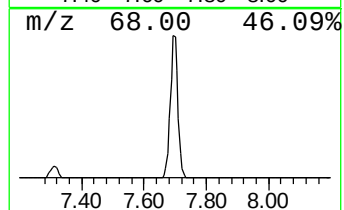
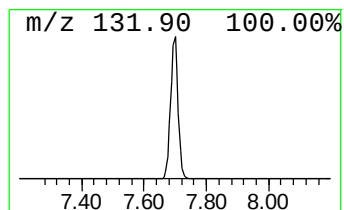
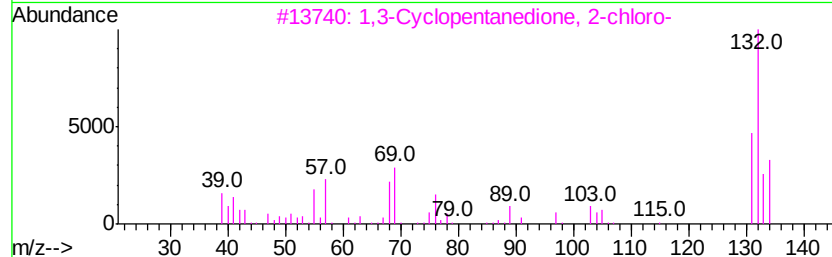
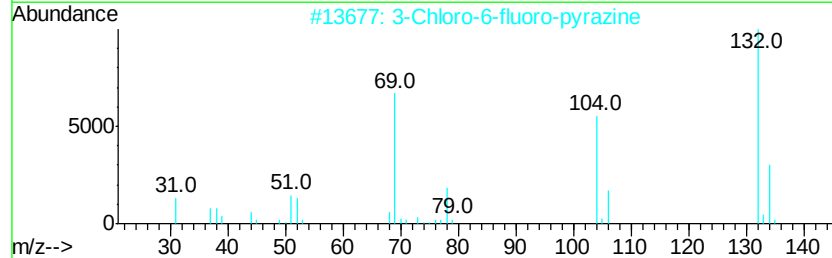
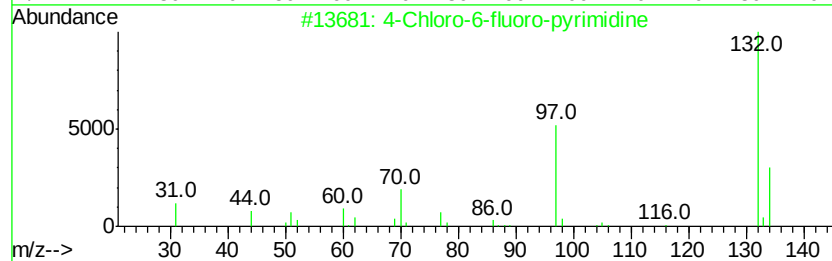
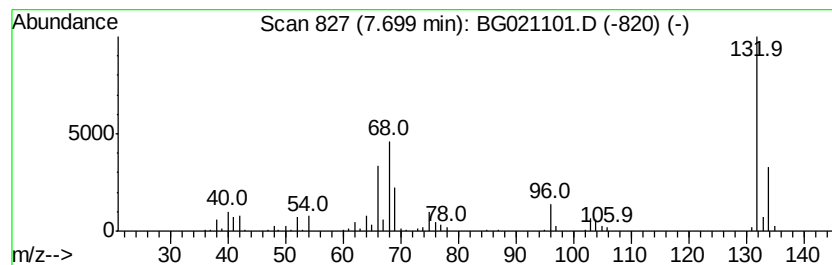
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Peak Number 4 unknown7.70 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	110.06 ng	180746	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		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
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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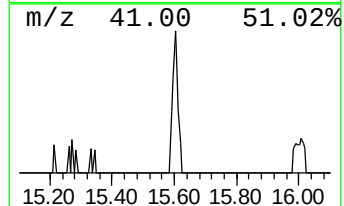
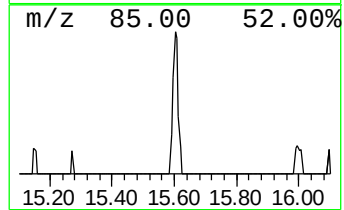
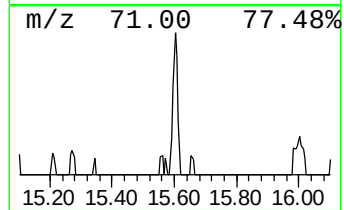
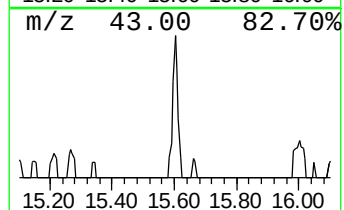
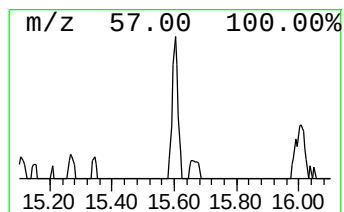
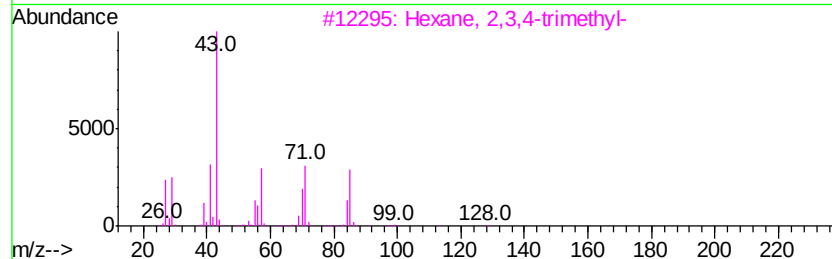
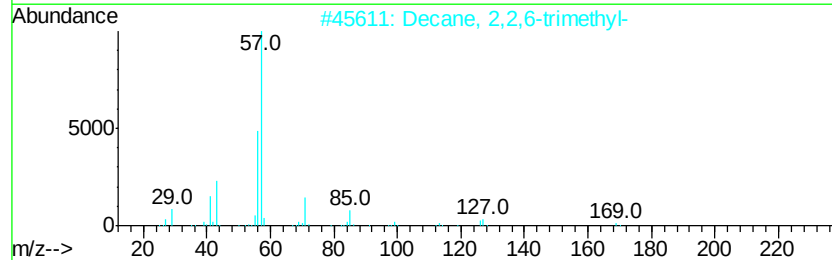
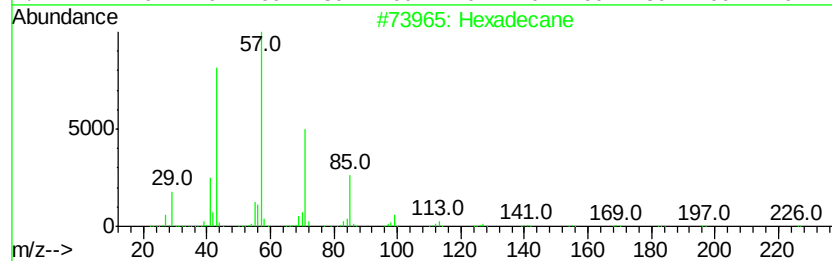
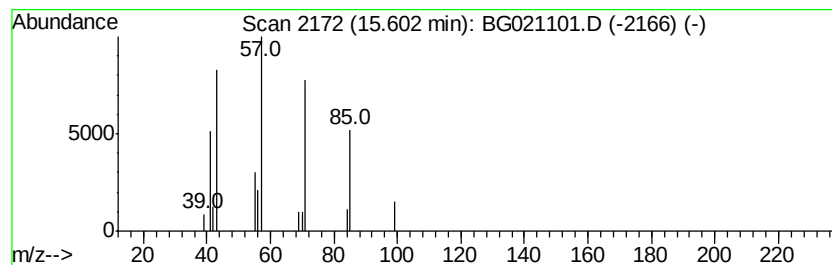
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	2.90 ng	10147	Acenaphthene-d10	14.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	72
2	Decane, 2,2,6-trimethyl-		184	C13H28	062237-97-2	64
3	Hexane, 2,3,4-trimethyl-		128	C9H20	000921-47-1	50
4	Hexane, 3,3-dimethyl-		114	C8H18	000563-16-6	45
5	Pentane, 2,3,3-trimethyl-		114	C8H18	000560-21-4	39



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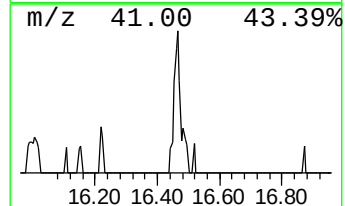
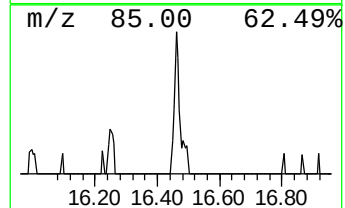
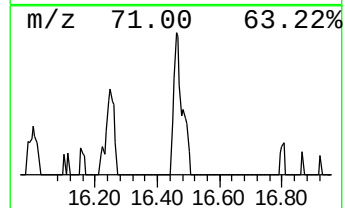
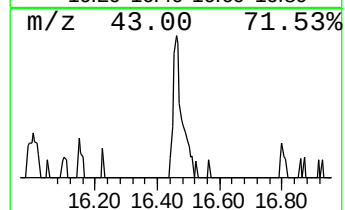
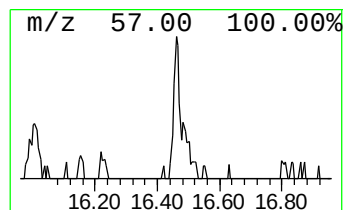
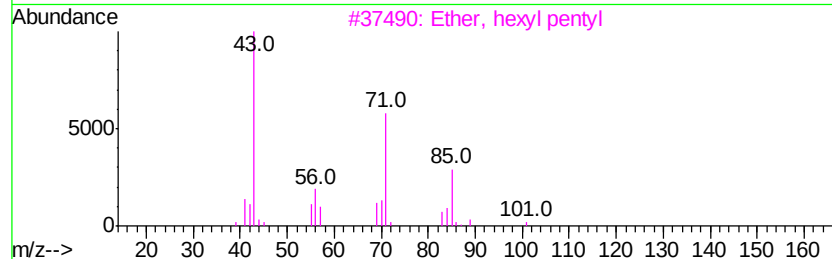
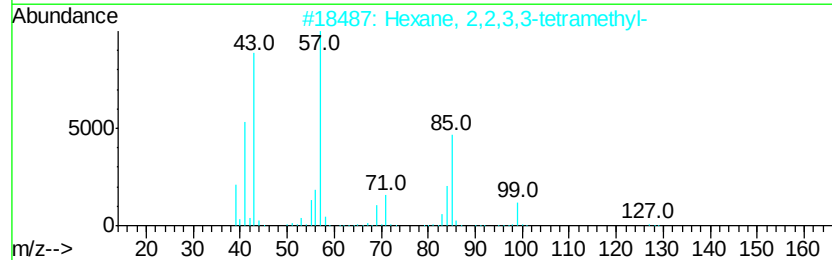
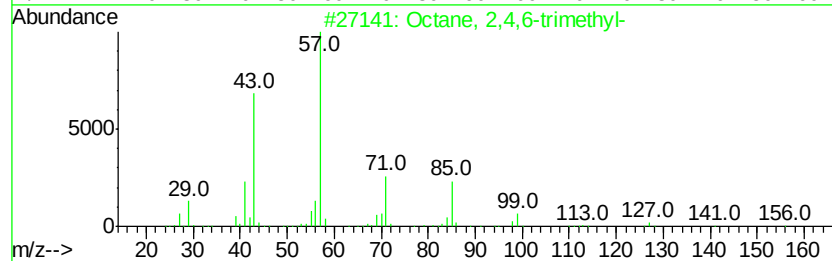
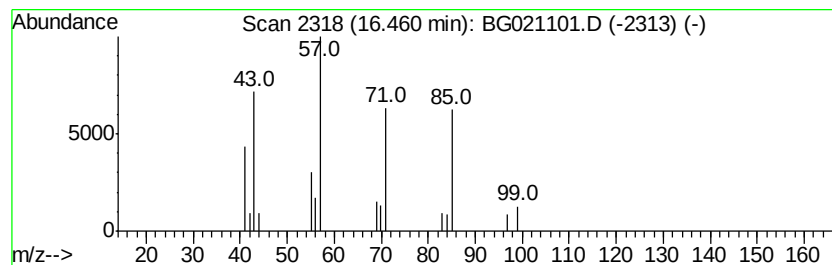
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octane, 2,4,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	2.31 ng	10980	Phenanthrene-d10	17.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	78
2		Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	40
3		Ether, hexyl pentyl	172	C11H24O	032357-83-8	40
4		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	38
5		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021101.D
Acq On : 27 Feb 2016 5:58
Operator : UM/SJ
Sample : H1558-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S11

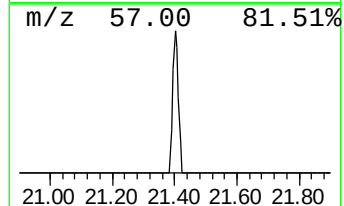
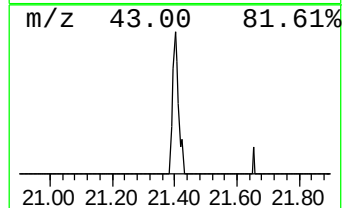
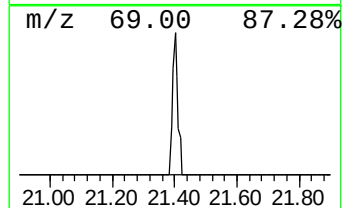
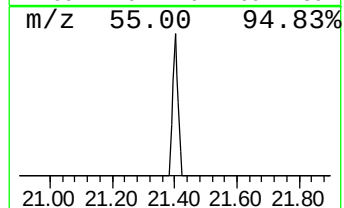
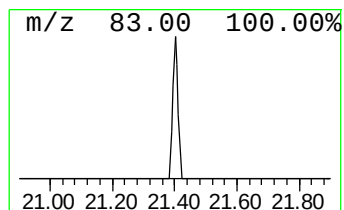
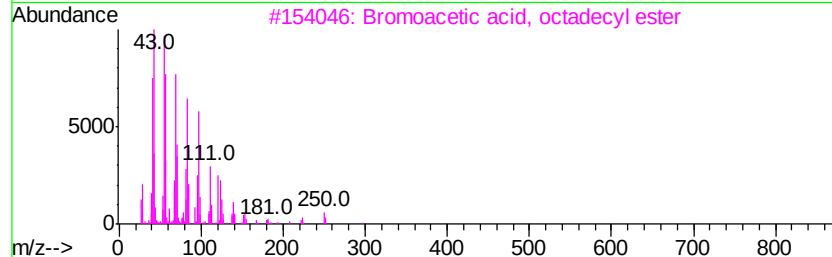
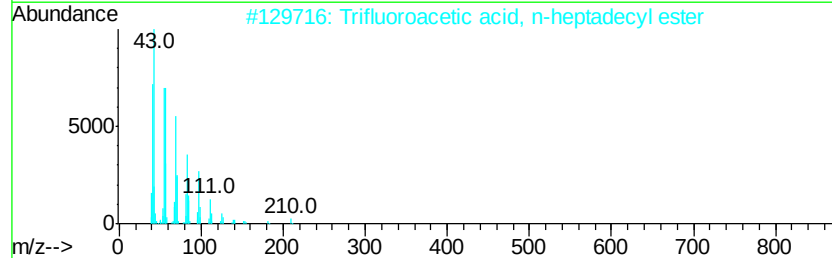
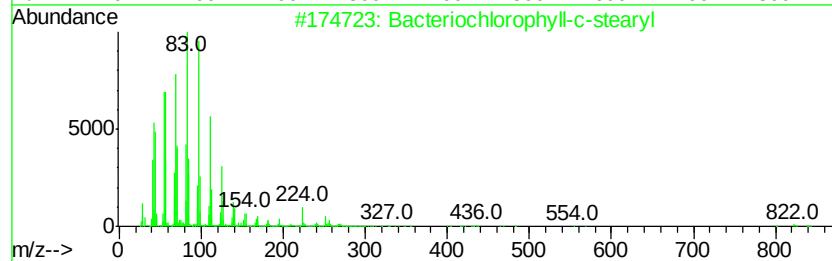
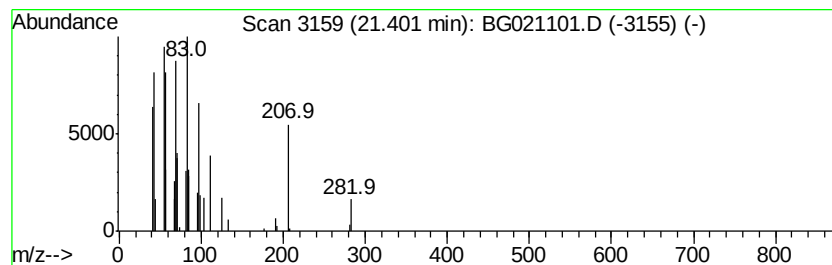
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Bacteriochlorophyll-c-stearyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.01 ng	13234	Chrysene-d12	21.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacteriochlorophyll-c-stearyl	841	C52H72MnN4O4	1000164-49-7	80
2		Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	64
3		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	62
4		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	59
5		Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
Data File : BG021101.D
Acq On : 27 Feb 2016 5:58
Operator : UM/SJ
Sample : H1558-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S11

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown3.09	3.09	456.3	ng	749343	1	8.17	32846	20.0
unknown3.23	3.23	8.1	ng	13312	1	8.17	32846	20.0
2-Pentanone, 4-hy...	5.26	20.5	ng	33634	1	8.17	32846	20.0
unknown7.70	7.70	110.1	ng	180746	1	8.17	32846	20.0
Hexadecane	15.60	2.9	ng	10147	3	14.77	70058	20.0
Octane, 2,4,6-tri...	16.46	2.3	ng	10980	4	17.51	94985	20.0
Bacteriochlorophy...	21.40	2.0	ng	13234	5	21.78	131781	20.0