

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
 Data File : BG017097.D
 Acq On : 12 May 2015 23:31
 Operator : TP/IZ
 Sample : G2194-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU021-SB-17-7.5

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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	2.810	16	21	30	rBV3	45093	77849	4.86%	0.769%
2	2.892	30	35	39	rVB	80233	104063	6.50%	1.028%
3	4.825	359	364	372	rVB2	40336	59432	3.71%	0.587%
4	5.313	439	447	453	rBV	405484	586098	36.63%	5.790%
5	6.911	714	719	728	rVB	436068	665533	41.59%	6.574%
6	7.258	772	778	785	rBV	436197	660204	41.26%	6.522%
7	7.716	849	856	862	rBV	141584	216999	13.56%	2.144%
8	8.033	902	910	918	rBV	297000	467196	29.20%	4.615%
9	8.873	1045	1053	1060	rBV	255613	419391	26.21%	4.143%
10	10.513	1324	1332	1339	rBV	173325	295820	18.49%	2.922%
11	12.716	1703	1707	1713	rBV4	13340	18880	1.18%	0.187%
12	12.986	1745	1753	1760	rVB	610797	865015	54.06%	8.545%
13	13.820	1889	1895	1901	rBV	109841	159215	9.95%	1.573%
14	14.367	1982	1988	1995	rVB2	279881	420036	26.25%	4.149%
15	14.661	2031	2038	2044	rBV2	51007	78954	4.93%	0.780%
16	15.078	2102	2109	2117	rBV	22274	44606	2.79%	0.441%
17	15.859	2234	2242	2248	rBV	678702	939316	58.70%	9.279%
18	17.111	2449	2455	2461	rBV	439302	582223	36.38%	5.751%
19	17.498	2515	2521	2526	rBV2	46074	68105	4.26%	0.673%
20	18.010	2604	2608	2614	rBV6	16889	25697	1.61%	0.254%
21	18.439	2677	2681	2685	rBV3	16064	16882	1.05%	0.167%
22	18.873	2750	2755	2760	rBV2	58110	81733	5.11%	0.807%
23	18.944	2764	2767	2774	rVB7	12846	23112	1.44%	0.228%
24	19.743	2896	2903	2908	rBV	1347990	1600194	100.00%	15.807%
25	20.548	3035	3040	3043	rBV4	13964	21259	1.33%	0.210%
26	21.006	3114	3118	3126	rVB	84434	105148	6.57%	1.039%
27	21.088	3126	3132	3134	rBV7	10686	18841	1.18%	0.186%
28	21.212	3149	3153	3158	rVB2	22573	27648	1.73%	0.273%
29	21.294	3162	3167	3173	rVB	565720	681470	42.59%	6.732%
30	21.447	3189	3193	3195	rBV4	16763	17589	1.10%	0.174%
31	21.876	3264	3266	3270	rBV5	13010	18752	1.17%	0.185%
32	22.481	3365	3369	3374	rBV3	41936	65894	4.12%	0.651%
33	22.857	3432	3433	3439	rVB6	13345	17134	1.07%	0.169%
34	23.556	3545	3552	3561	rVB	334354	673032	42.06%	6.648%

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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

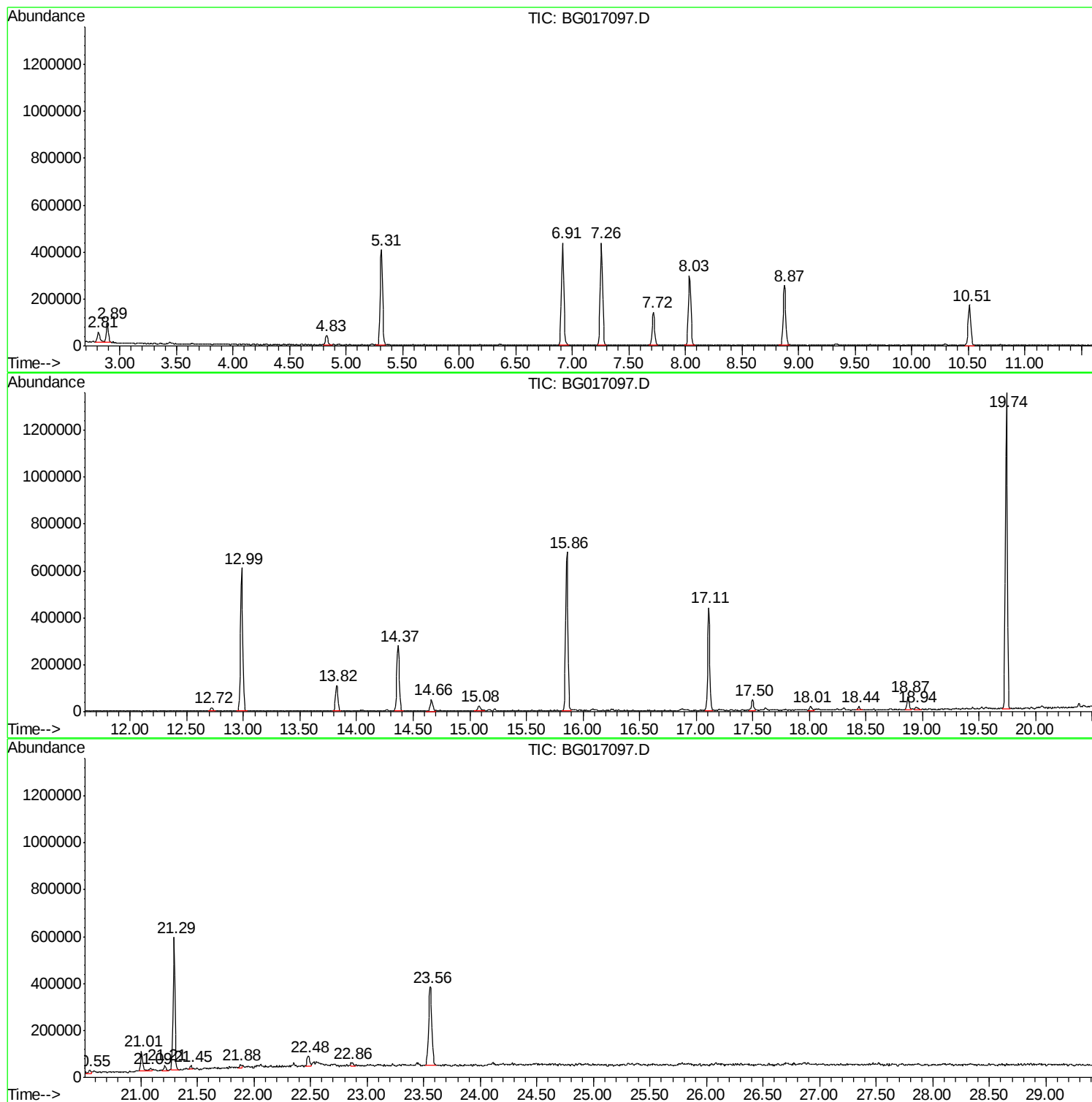
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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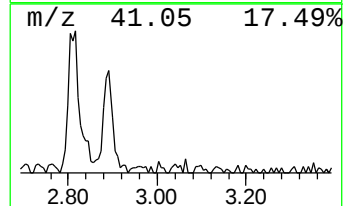
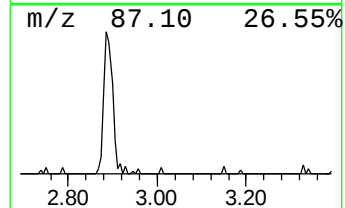
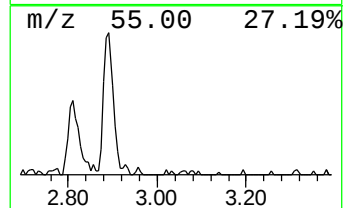
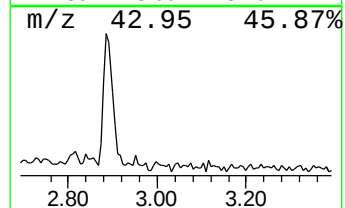
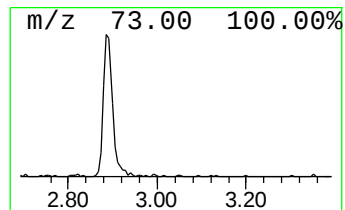
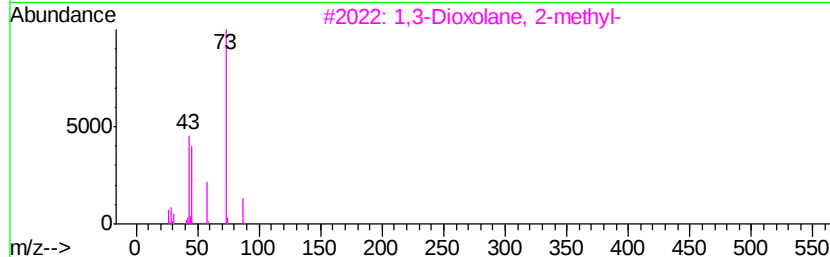
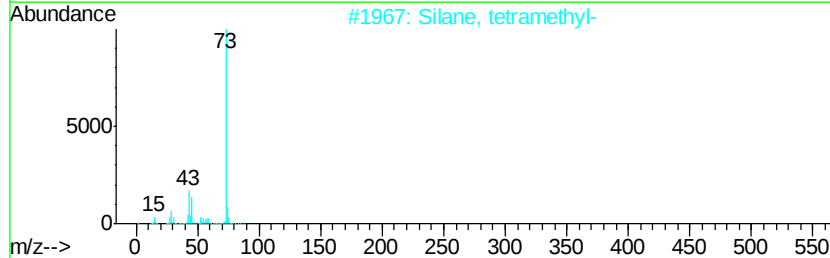
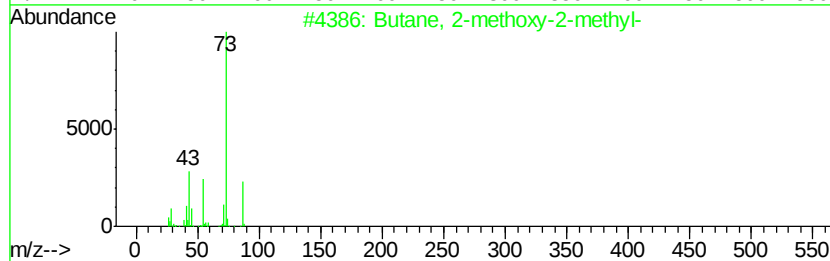
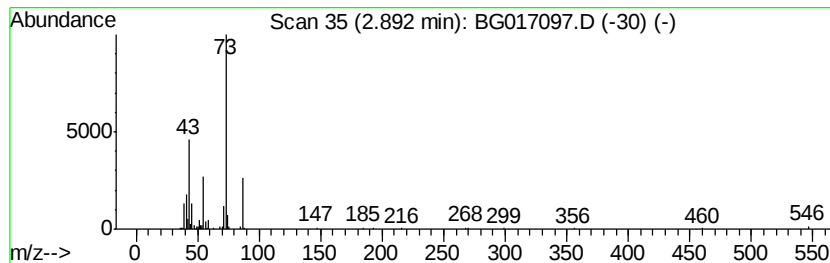
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	9.59 ng	104063	1,4-Dichlorobenzene-d4	7.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4			2-Phenyl-2-trimethylsilyloxyprop...	310	C15H26O3Si2	082326-12-3	9
5			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9



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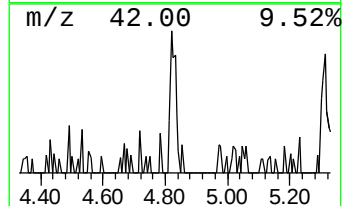
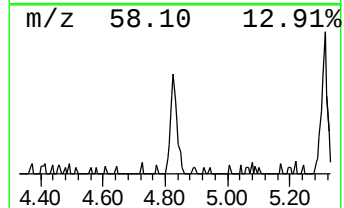
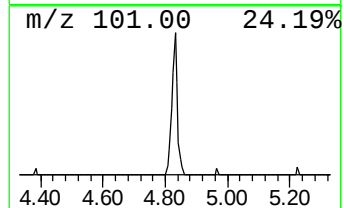
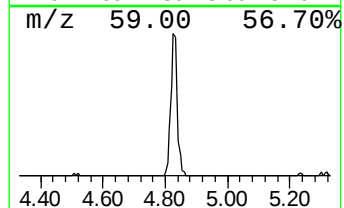
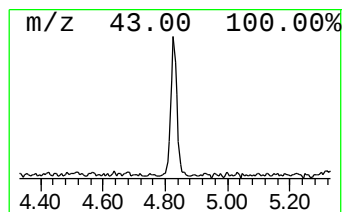
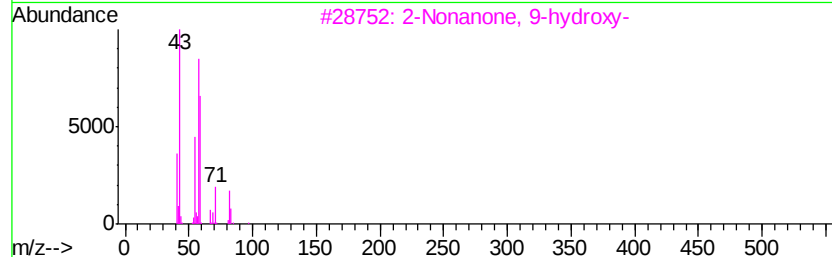
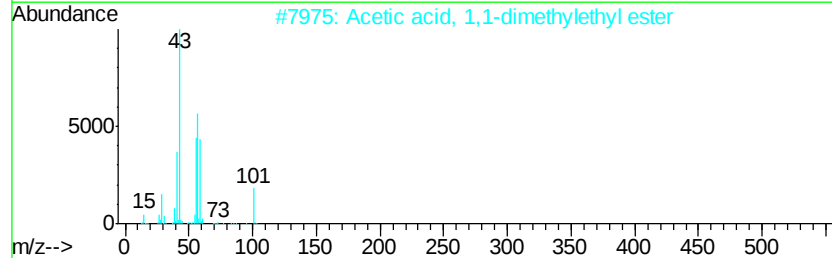
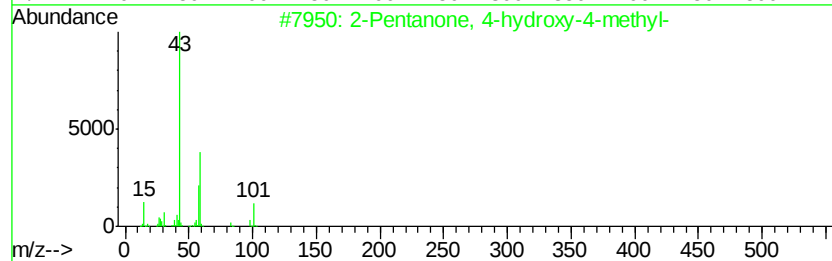
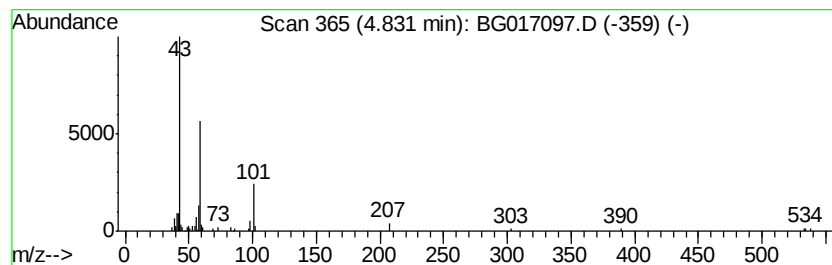
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	5.48 ng	59432	1,4-Dichlorobenzene-d4	7.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
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		1,3-Dioxane, 4,4-dimethyl-	116	C6H12O2	000766-15-4	9
5		2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	9



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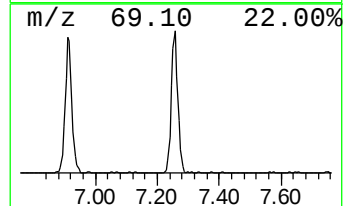
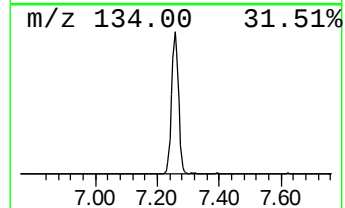
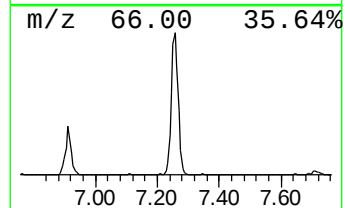
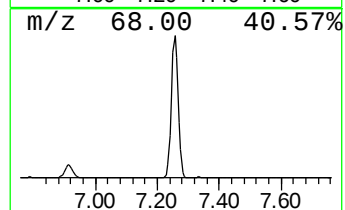
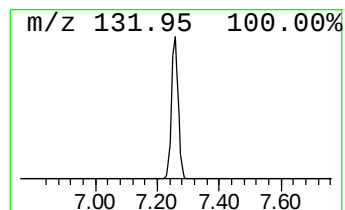
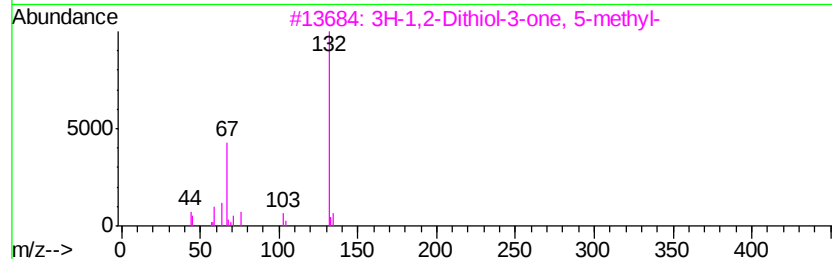
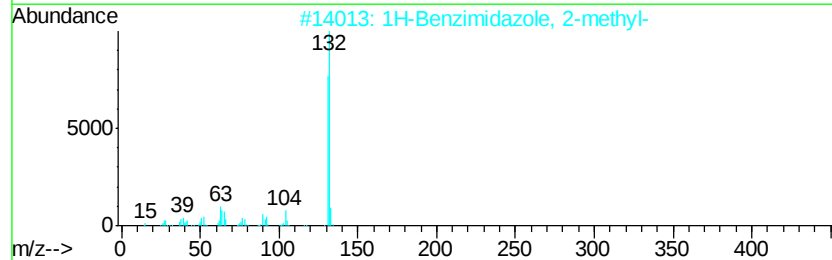
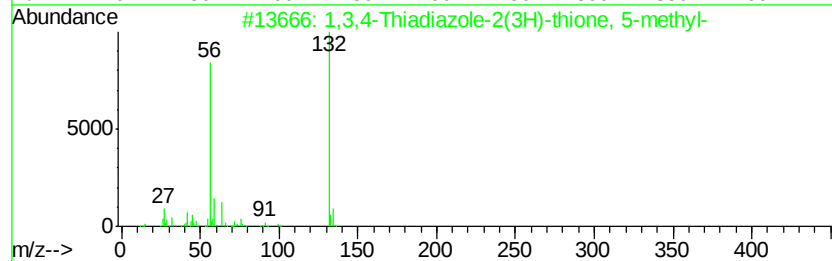
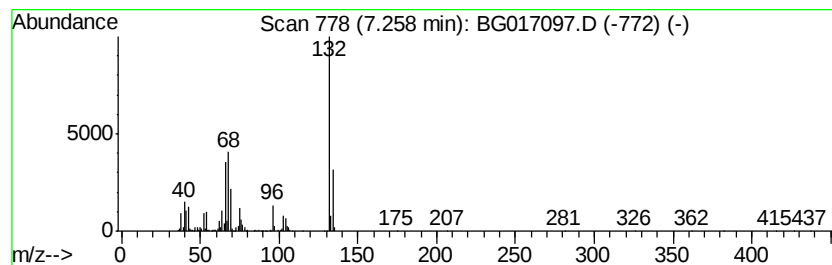
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.26 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	60.85 ng	660204	1,4-Dichlorobenzene-d4	7.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
3		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	27
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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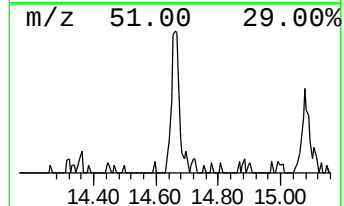
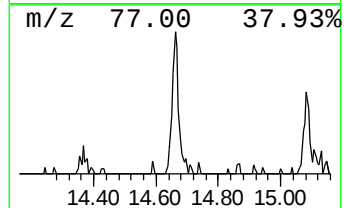
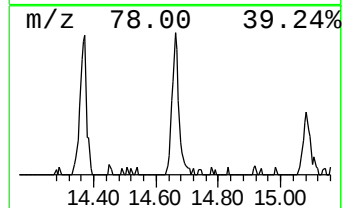
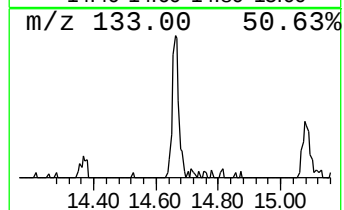
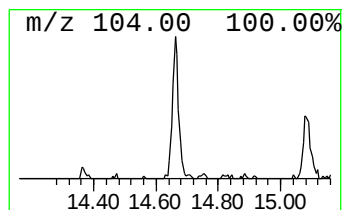
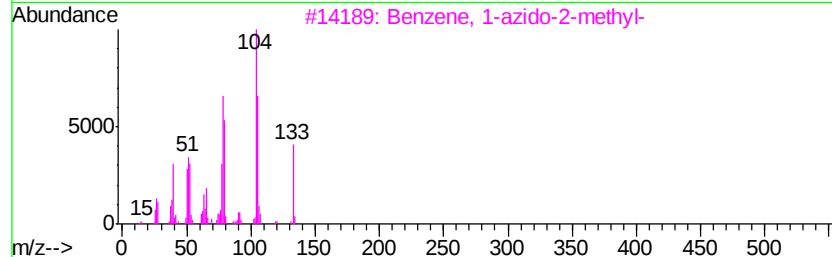
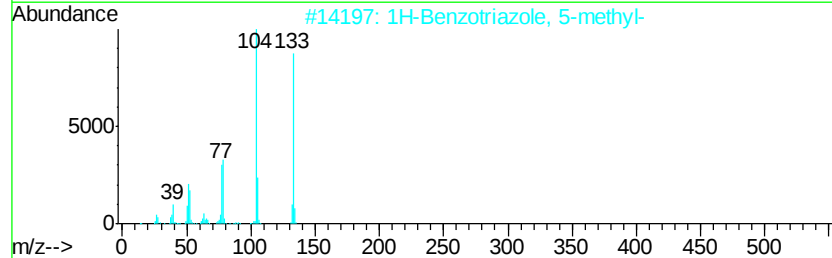
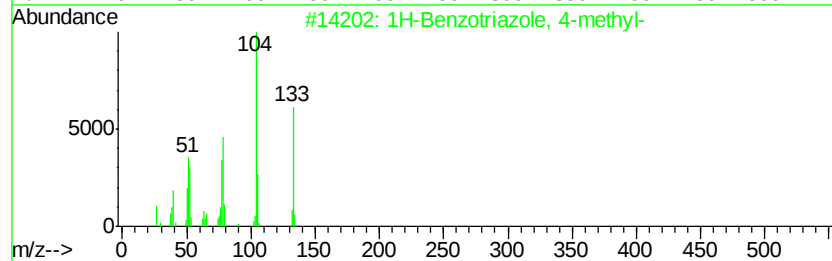
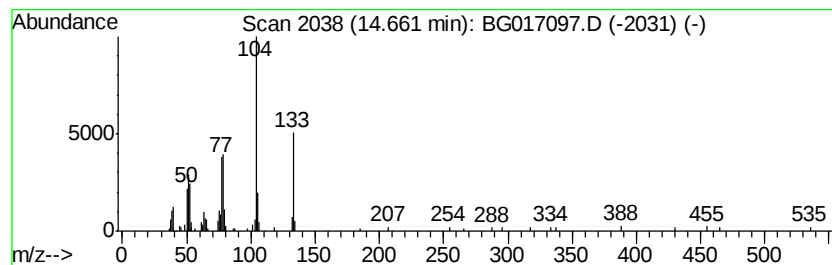
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1H-Benzotriazole, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	3.76 ng	78954	Acenaphthene-d10	14.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	97
2		1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	94
3		Benzene, 1-azido-2-methyl-	133	C7H7N3	031656-92-5	87
4		2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	83
5		Benzene, 1-isocyanato-2-methyl-	133	C8H7NO	000614-68-6	47



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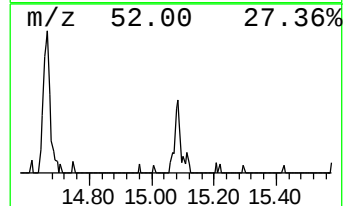
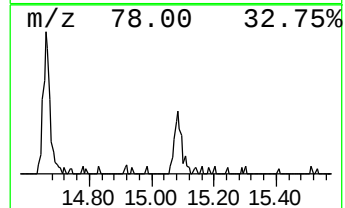
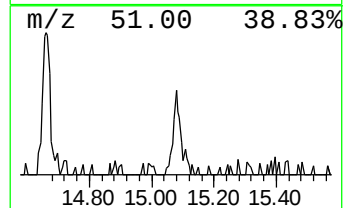
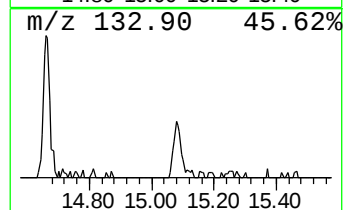
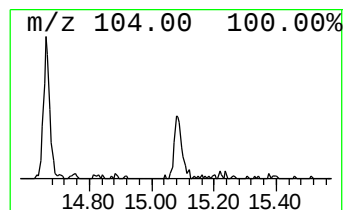
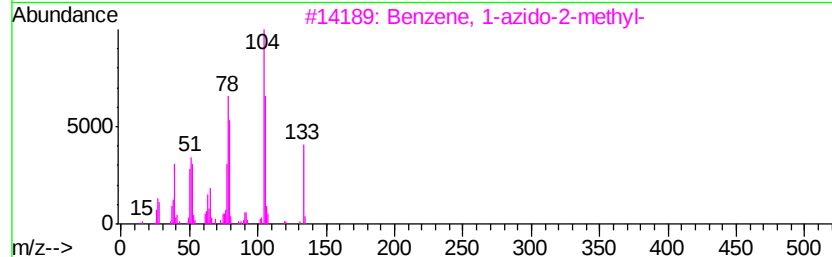
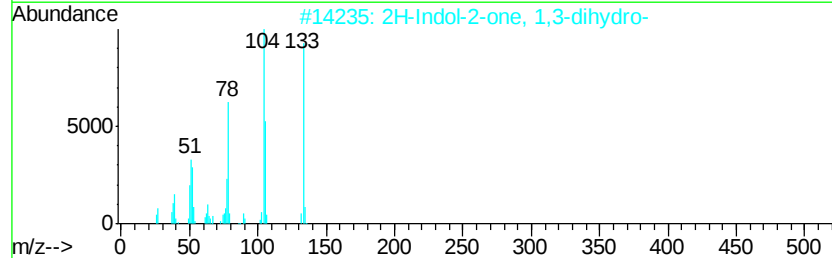
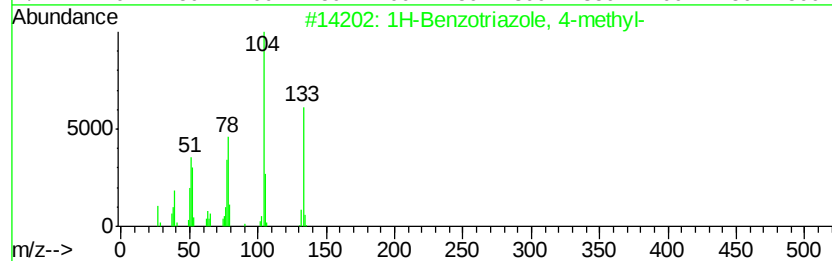
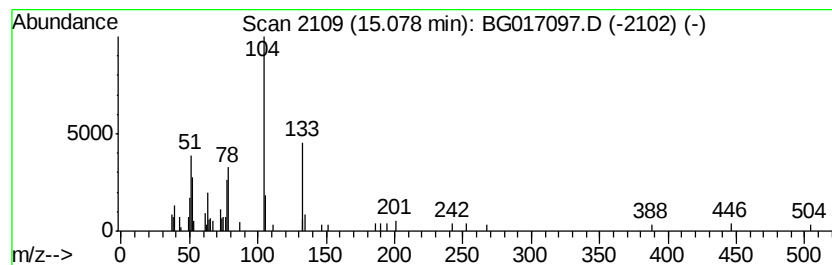
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 2H-Indol-2-one, 1,3-dihydro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	2.12 ng	44606	Acenaphthene-d10	14.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	90
2		2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	83
3		Benzene, 1-azido-2-methyl-	133	C7H7N3	031656-92-5	72
4		1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	52
5		1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
Data File : BG017097.D
Acq On : 12 May 2015 23:31
Operator : TP/IZ
Sample : G2194-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TU021-SB-17-7.5

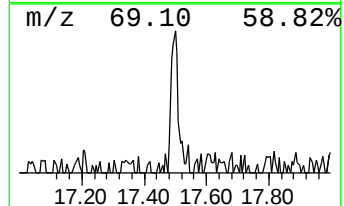
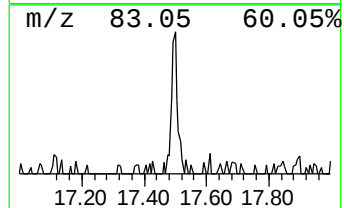
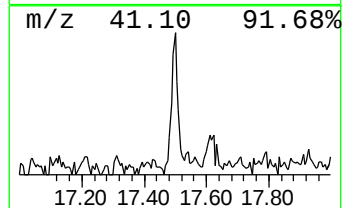
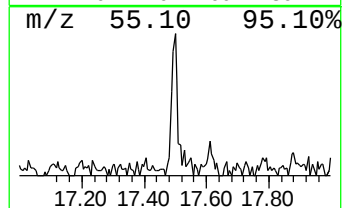
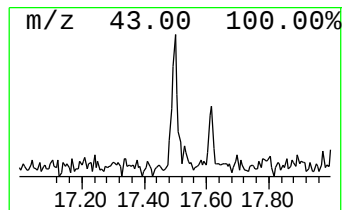
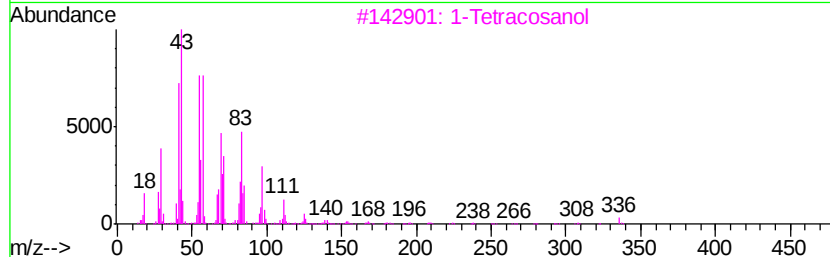
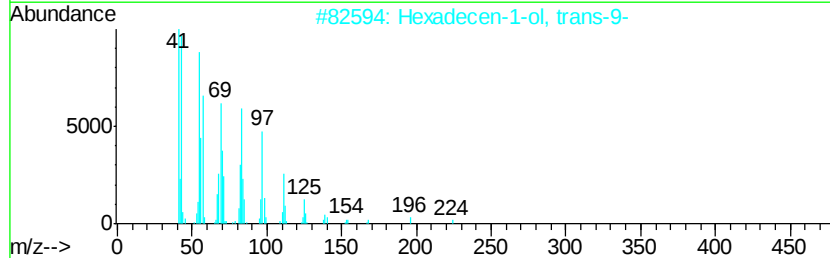
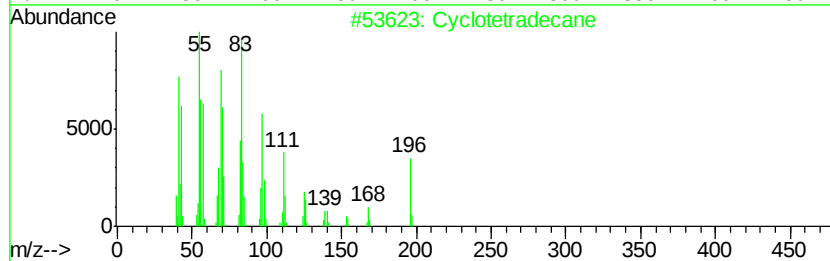
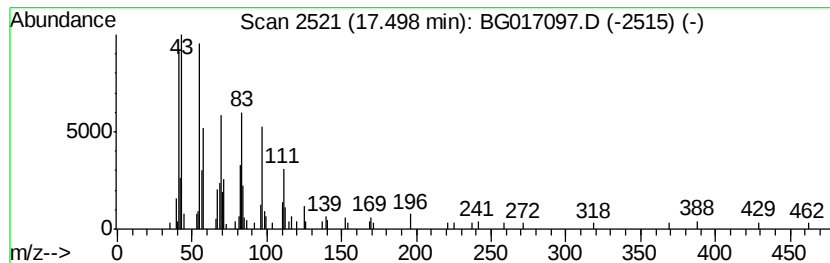
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclotetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	2.34 ng	68105	Phenanthrene-d10	17.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetradecane	196	C14H28	000295-17-0	83
2		Hexadecen-1-ol, trans-9-	240	C16H32O	064437-47-4	80
3		1-Tetracosanol	354	C24H50O	000506-51-4	64
4		Cyclododecane, ethyl-	196	C14H28	028981-49-9	64
5		1-Tetradecene	196	C14H28	001120-36-1	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
Data File : BG017097.D
Acq On : 12 May 2015 23:31
Operator : TP/IZ
Sample : G2194-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TU021-SB-17-7.5

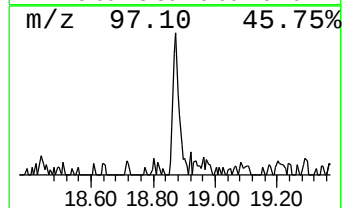
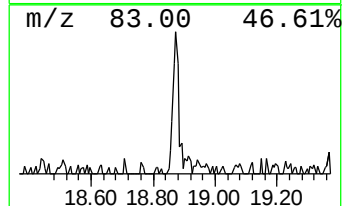
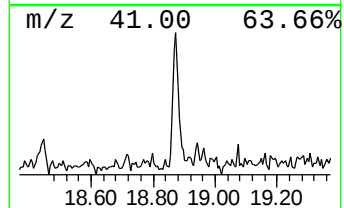
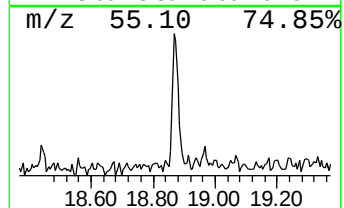
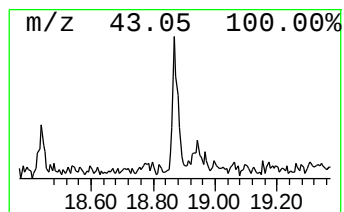
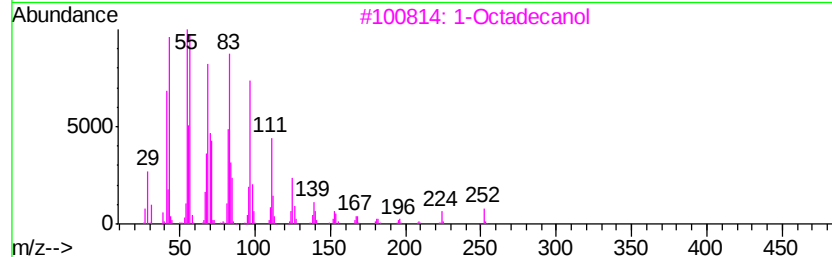
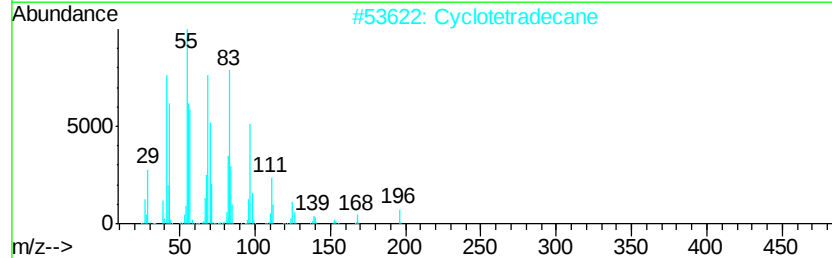
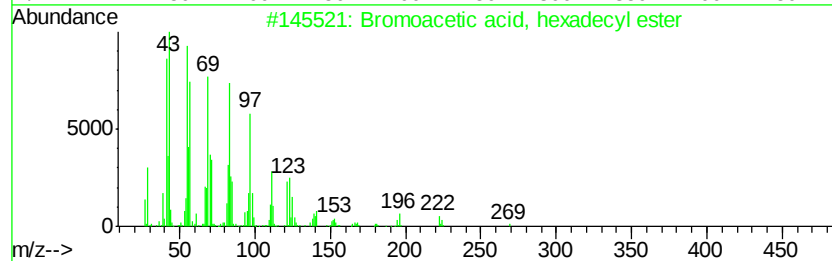
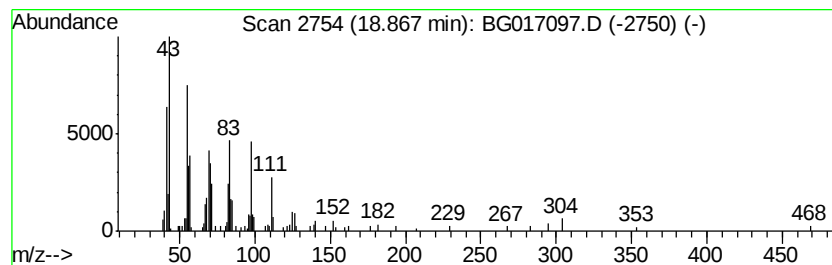
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Bromoacetic acid, hexadecyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	2.81 ng	81733	Phenanthrene-d10	17.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	90
2		Cyclotetradecane	196	C14H28	000295-17-0	87
3		1-Octadecanol	270	C18H38O	000112-92-5	70
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	70
5		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	68



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
Data File : BG017097.D
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Sample : G2194-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TU021-SB-17-7.5

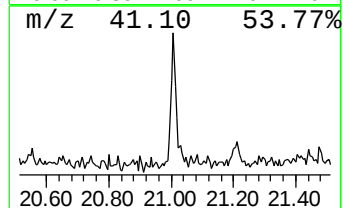
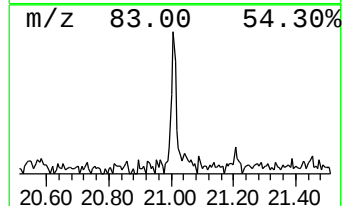
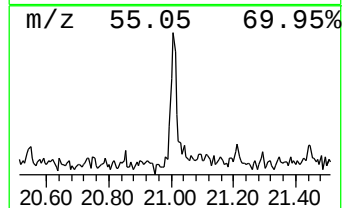
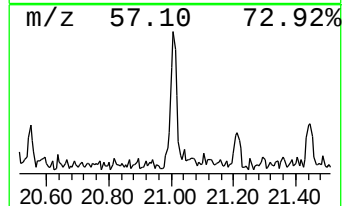
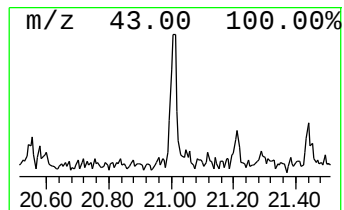
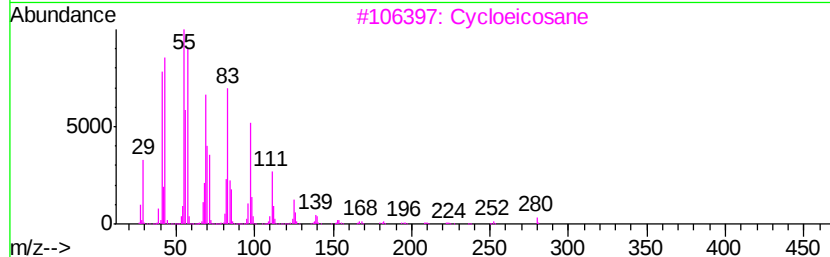
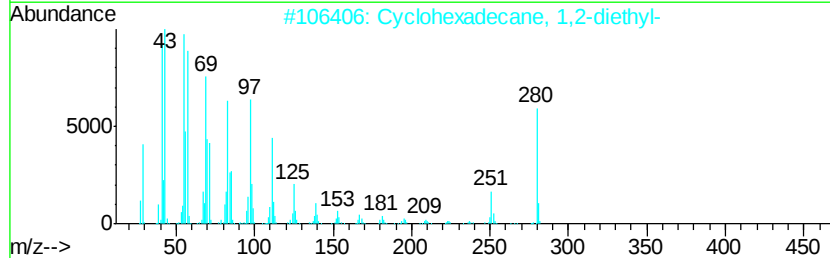
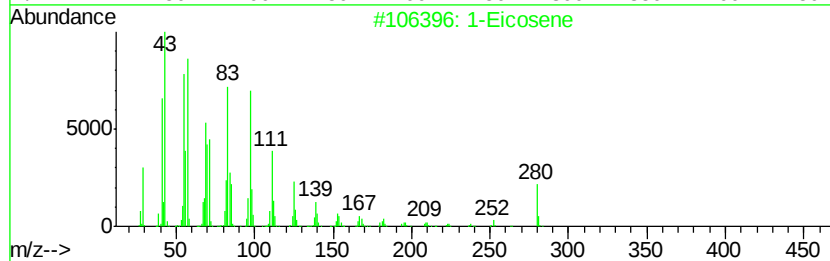
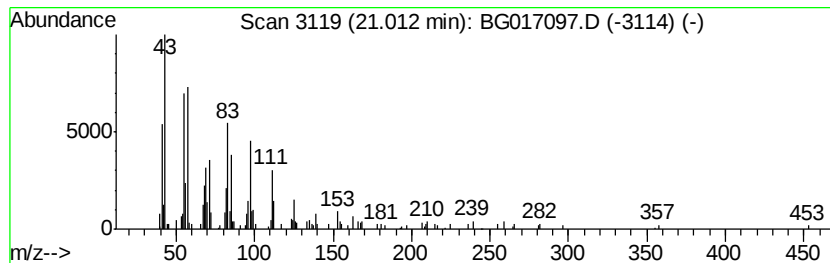
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Eicosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	3.09 ng	105148	Chrysene-d12	21.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Eicosene	280	C20H40	003452-07-1	98
2			Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	96
3			Cycloeicosane	280	C20H40	000296-56-0	93
4			Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	90
5			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90



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Acq On : 12 May 2015 23:31
Operator : TP/IZ
Sample : G2194-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TU021-SB-17-7.5

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.89	9.6	ng	104063	1	7.72	216999	20.0
2-Pentanone, 4-hy...	4.83	5.5	ng	59432	1	7.72	216999	20.0
unknown7.26	7.26	60.9	ng	660204	1	7.72	216999	20.0
1H-Benzotriazole,...	14.66	3.8	ng	78954	3	14.37	420036	20.0
2H-Indol-2-one, 1...	15.08	2.1	ng	44606	3	14.37	420036	20.0
Cyclotetradecane	17.50	2.3	ng	68105	4	17.11	582223	20.0
Bromoacetic acid,...	18.87	2.8	ng	81733	4	17.11	582223	20.0
1-Eicosene	21.01	3.1	ng	105148	5	21.29	681470	20.0