

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
 Data File : BG017115.D
 Acq On : 13 May 2015 19:47
 Operator : TP/IZ
 Sample : G2194-07
 Misc :
 ALS Vial : 16 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-BG051315.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	2.793	14	18	28	rBV	71307	126605	6.40%	0.948%
2	2.875	28	32	38	rVB	124180	148938	7.53%	1.115%
3	4.814	357	362	370	rVB	58597	86081	4.35%	0.644%
4	5.302	439	445	455	rVB	567546	799418	40.44%	5.984%
5	6.906	711	718	727	rBV	635741	941715	47.64%	7.049%
6	7.247	768	776	784	rBV	570871	894697	45.26%	6.697%
7	7.705	847	854	861	rBV	181169	295374	14.94%	2.211%
8	8.028	901	909	915	rBV	395328	613830	31.05%	4.595%
9	8.868	1045	1052	1060	rBV	356857	566393	28.65%	4.240%
10	10.502	1324	1330	1339	rVB	248040	400589	20.27%	2.999%
11	12.717	1702	1707	1712	rVB2	19627	29941	1.51%	0.224%
12	12.981	1743	1752	1760	rBV	803901	1161106	58.74%	8.692%
13	13.821	1888	1895	1900	rBV	147356	202073	10.22%	1.513%
14	14.362	1981	1987	1994	rVB2	388450	574635	29.07%	4.302%
15	14.662	2029	2038	2044	rBV	70694	116766	5.91%	0.874%
16	15.079	2102	2109	2115	rBV2	45123	72342	3.66%	0.542%
17	15.854	2235	2241	2247	rBV	809537	1089719	55.13%	8.157%
18	17.112	2449	2455	2462	rBV	552050	750929	37.99%	5.621%
19	17.493	2511	2520	2525	rBV3	76639	104550	5.29%	0.783%
20	17.611	2537	2540	2545	rVB3	20103	23008	1.16%	0.172%
21	18.011	2603	2608	2613	rBV2	51254	72963	3.69%	0.546%
22	18.310	2654	2659	2662	rBV4	13966	21160	1.07%	0.158%
23	18.439	2677	2681	2685	rBV4	23065	30011	1.52%	0.225%
24	18.874	2749	2755	2760	rBV	104898	134671	6.81%	1.008%
25	19.297	2821	2827	2829	rBV6	17548	26067	1.32%	0.195%
26	19.744	2897	2903	2909	rVB	1614629	1976716	100.00%	14.797%
27	20.384	3009	3012	3016	rBV5	21345	23375	1.18%	0.175%
28	20.549	3037	3040	3044	rVB6	16463	21771	1.10%	0.163%
29	21.007	3113	3118	3125	rBV2	146625	195471	9.89%	1.463%
30	21.213	3150	3153	3157	rBV3	30383	29031	1.47%	0.217%
31	21.295	3161	3167	3172	rBV	672737	855566	43.28%	6.404%
32	21.448	3190	3193	3197	rBV2	26933	29487	1.49%	0.221%
33	21.888	3264	3268	3272	rBV6	19003	32847	1.66%	0.246%
34	22.482	3365	3369	3373	rBV3	45274	69541	3.52%	0.521%

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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

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35	22.870	3432	3435	3439	rVB6	19698	29315	1.48%	0.219%
36	23.563	3546	3553	3560	rVB2	414916	812197	41.09%	6.080%

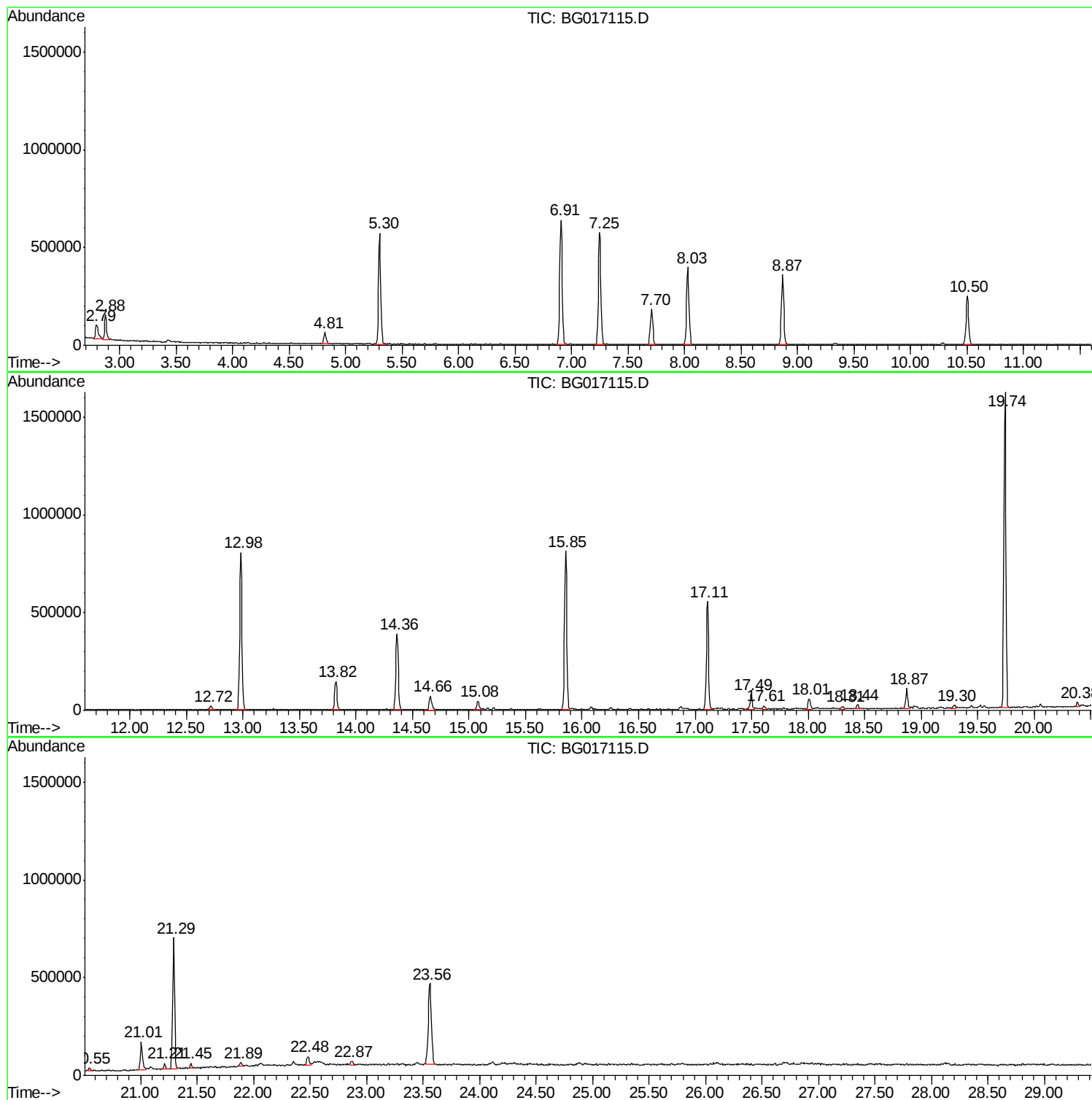
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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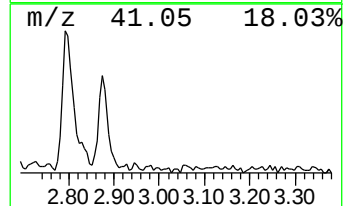
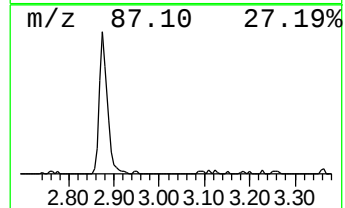
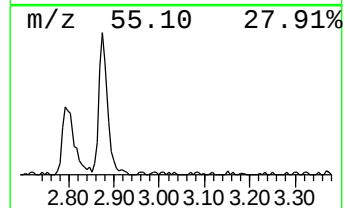
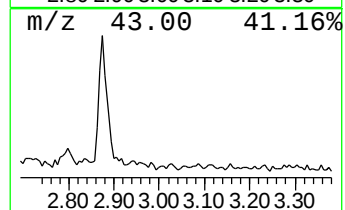
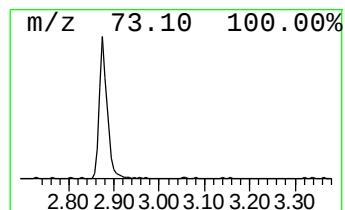
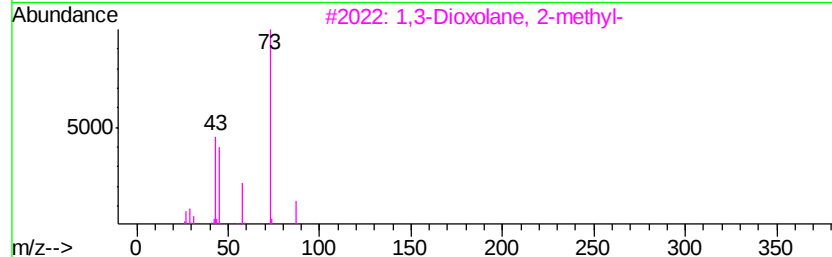
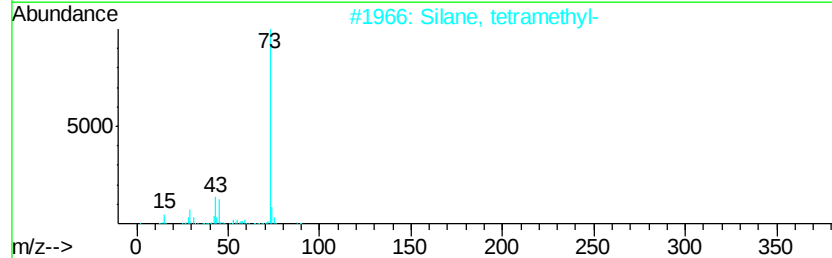
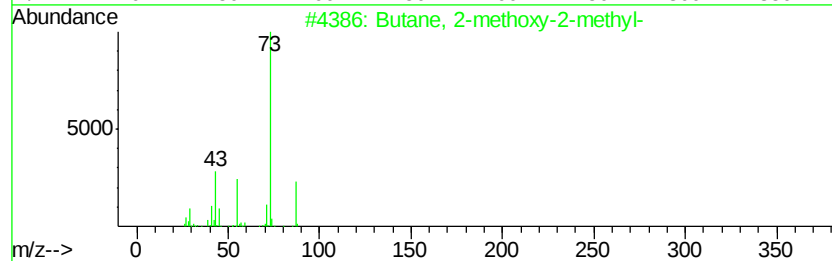
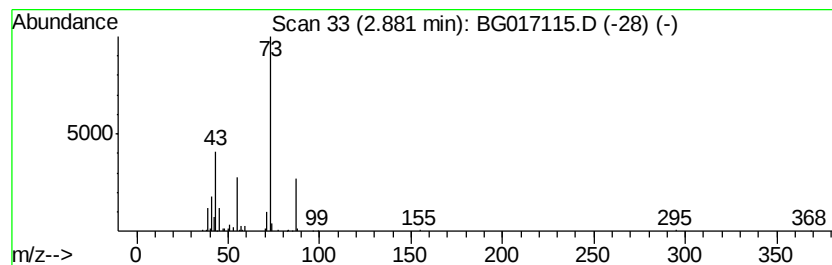
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown2.88 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	10.08 ng	148938	1,4-Dichlorobenzene-d4	7.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	42
2		Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	12
4		Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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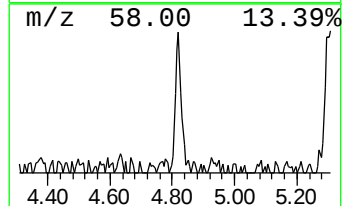
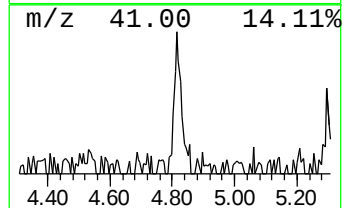
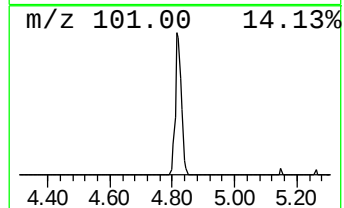
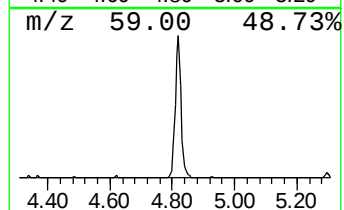
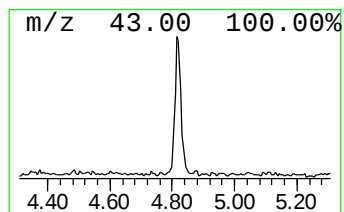
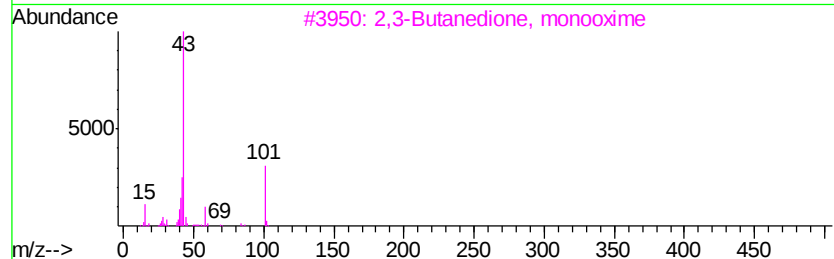
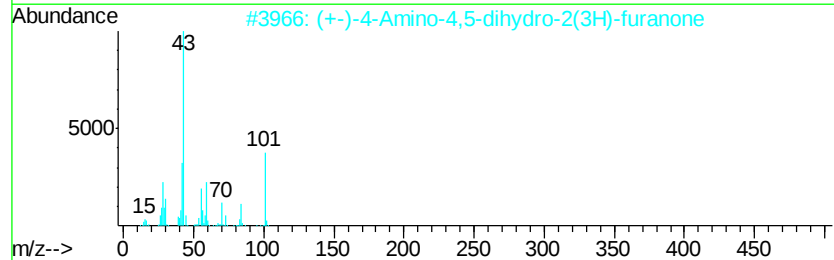
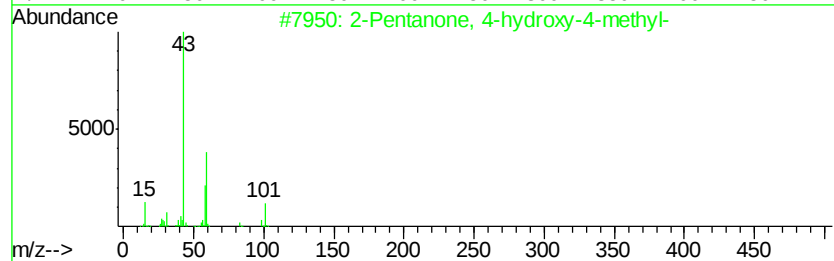
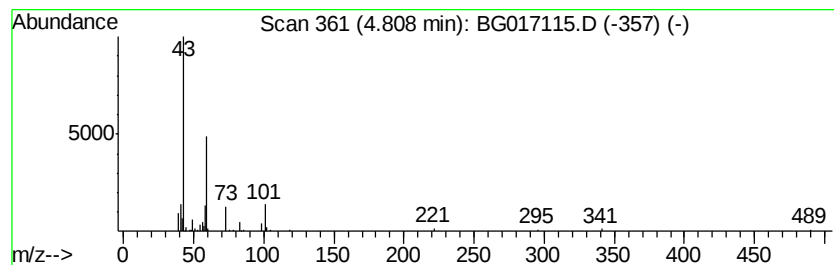
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	5.83 ng	86081	1,4-Dichlorobenzene-d4	7.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5		1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	9



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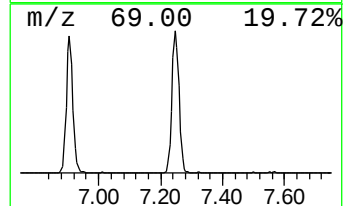
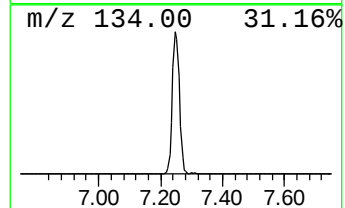
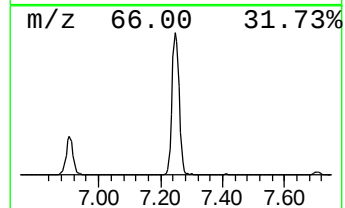
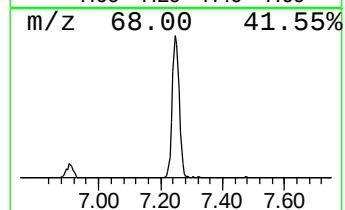
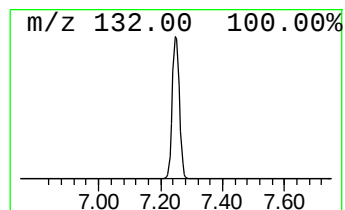
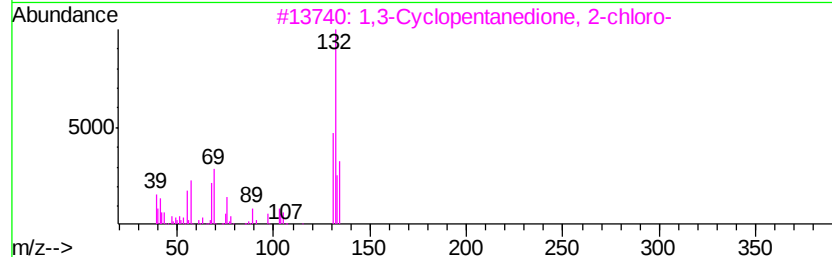
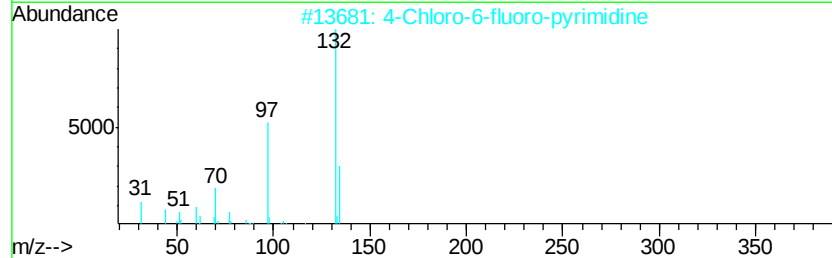
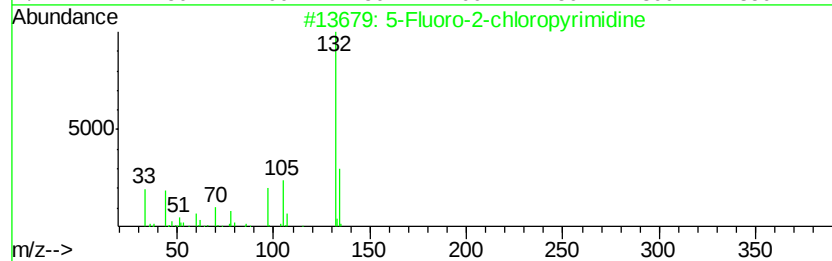
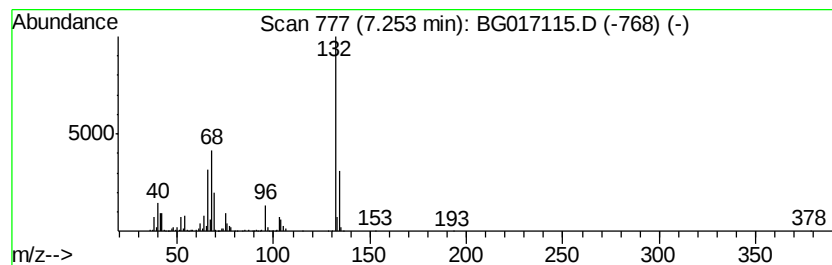
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	60.58 ng	894697	1,4-Dichlorobenzene-d4	7.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	16



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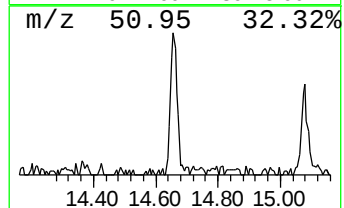
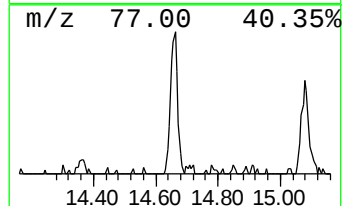
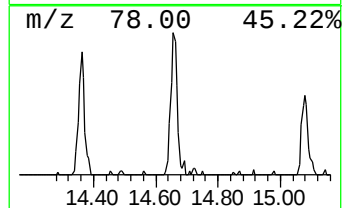
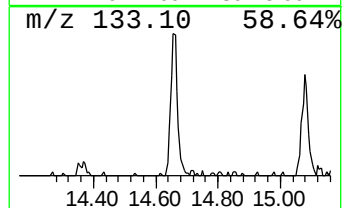
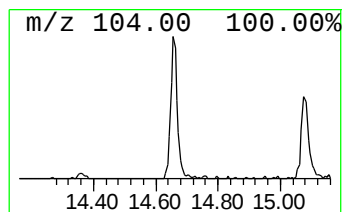
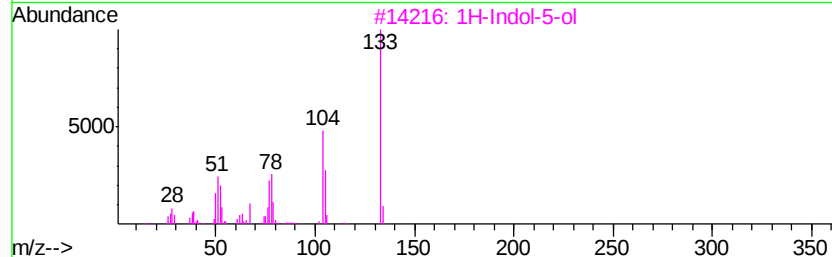
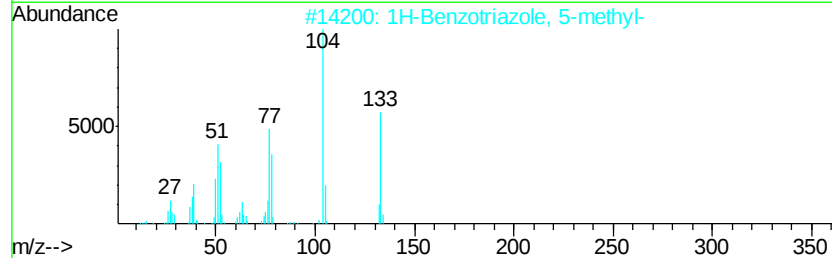
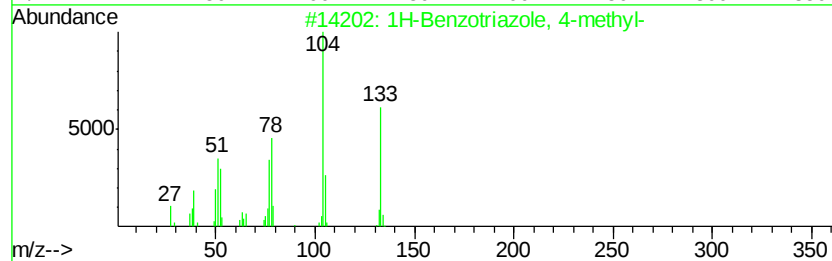
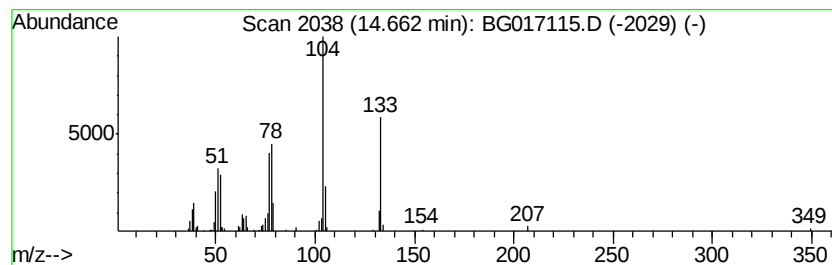
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1H-Benzotriazole, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.66	4.06 ng	116766	Acenaphthene-d10		14.36
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	94
2	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	93
3	1H-Indol-5-ol	133	C8H7NO	001953-54-4	72
4	Benzene, 1-azido-2-methyl-	133	C7H7N3	031656-92-5	64
5	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	58



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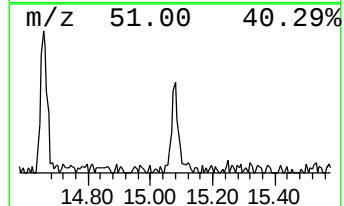
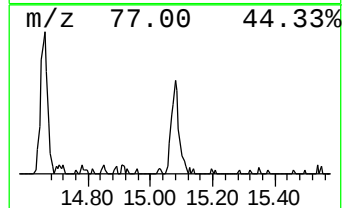
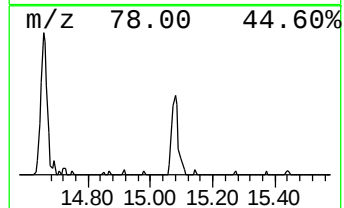
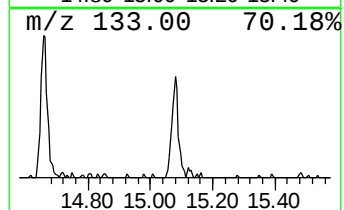
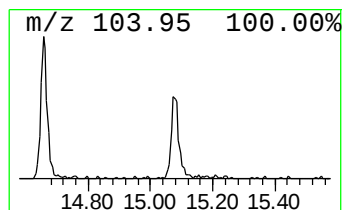
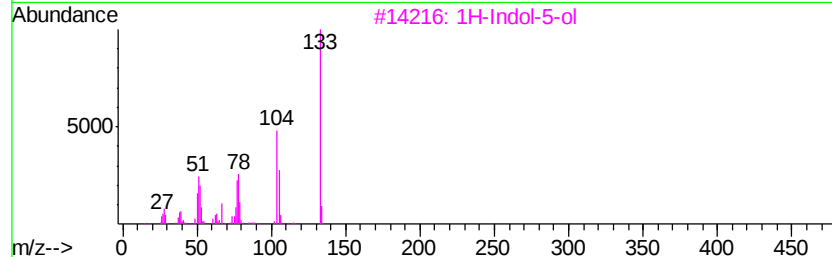
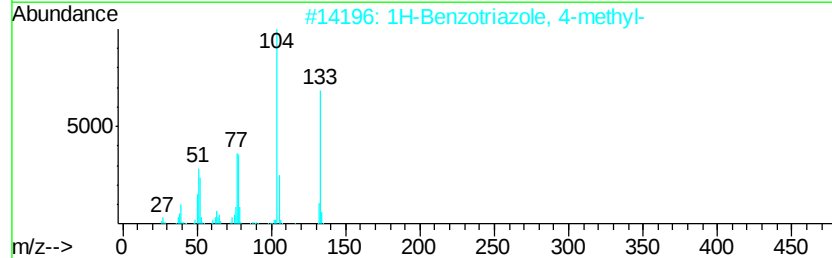
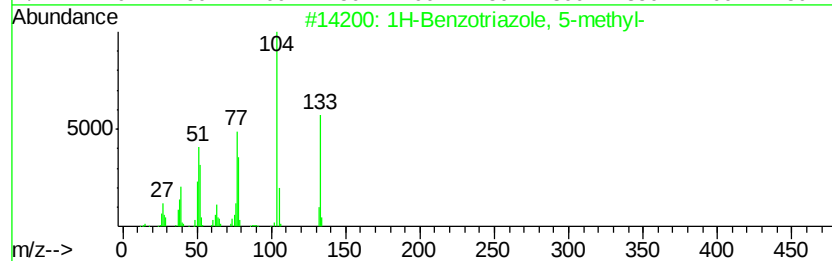
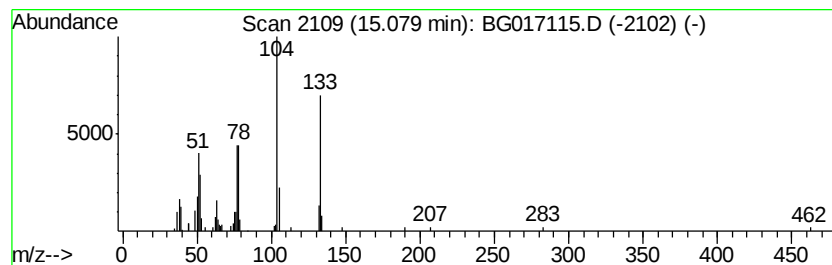
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Peak Number 7 1H-Benzotriazole, 5-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	2.52 ng	72342	Acenaphthene-d10	14.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	95
2		1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	94
3		1H-Indol-5-ol	133	C8H7NO	001953-54-4	87
4		Benzene, 1-isocyanato-2-methyl-	133	C8H7NO	000614-68-6	80
5		2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017115.D
Acq On : 13 May 2015 19:47
Operator : TP/IZ
Sample : G2194-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

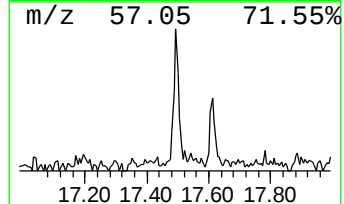
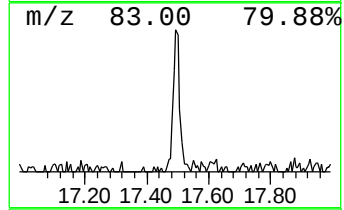
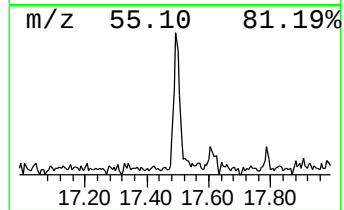
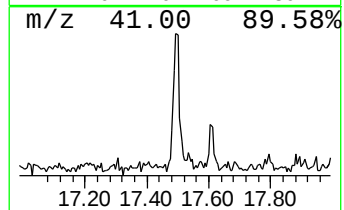
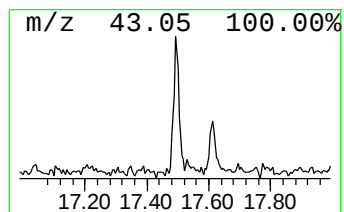
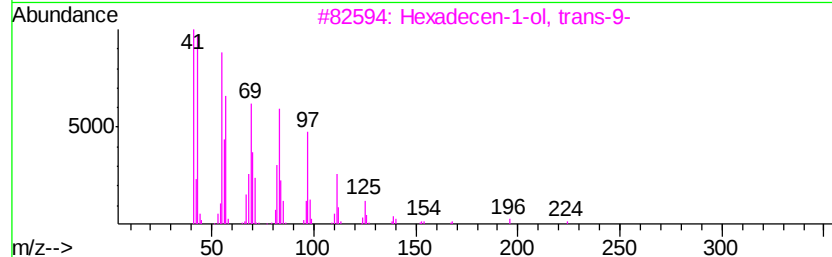
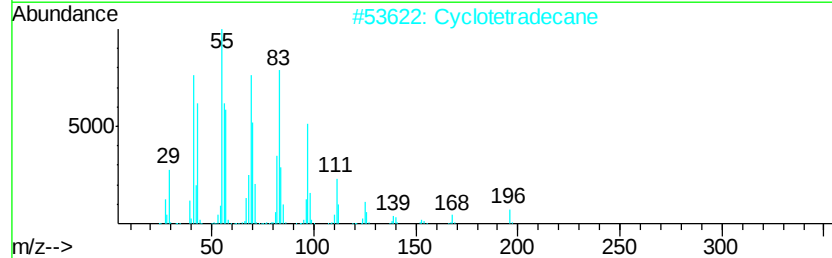
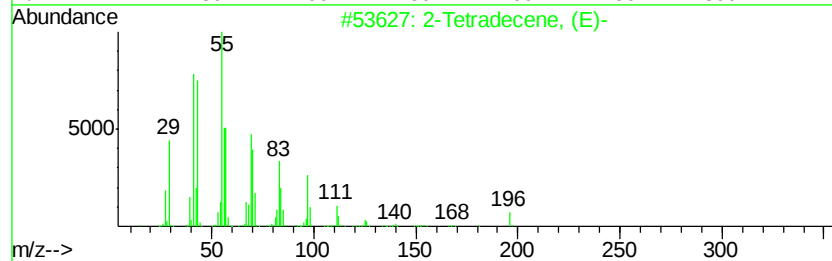
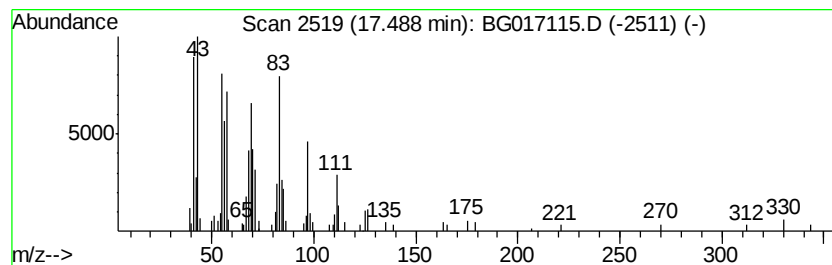
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-Tetradecene, (E)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	2.78 ng	104550	Phenanthrene-d10	17.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Tetradecene, (E)-	196	C14H28	035953-53-8	96
2		Cyclotetradecane	196	C14H28	000295-17-0	94
3		Hexadecen-1-ol, trans-9-	240	C16H32O	064437-47-4	91
4		1-Pentadecene	210	C15H30	013360-61-7	90
5		9-Octadecene, (E)-	252	C18H36	007206-25-9	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017115.D
Acq On : 13 May 2015 19:47
Operator : TP/IZ
Sample : G2194-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

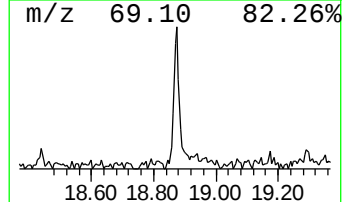
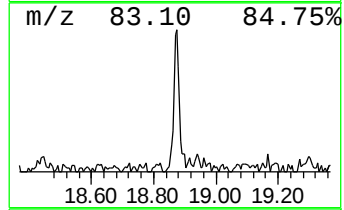
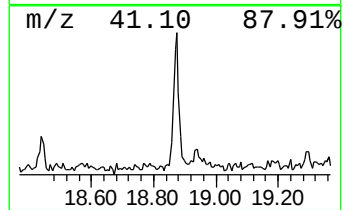
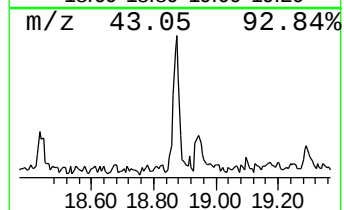
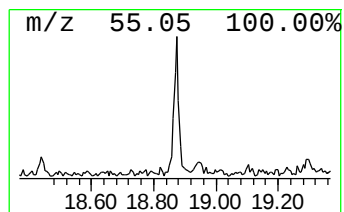
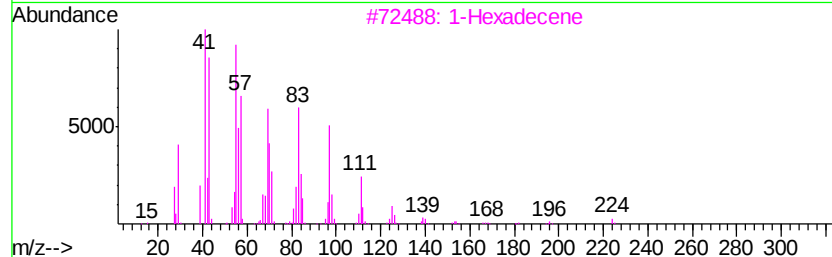
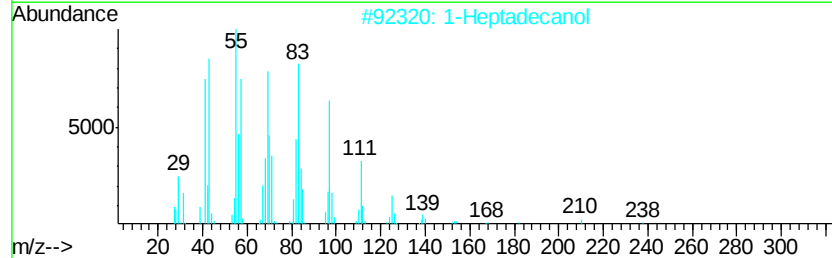
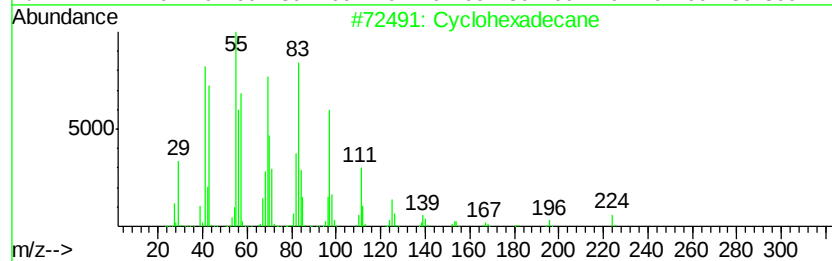
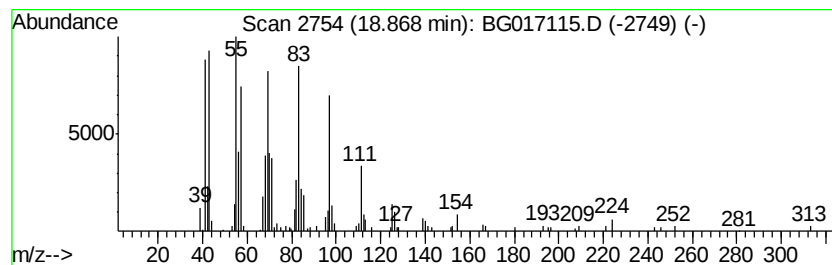
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.87	3.59 ng	134671	Phenanthrene-d10		17.11

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	95
2			1-Heptadecanol	256	C17H36O	001454-85-9	95
3			1-Hexadecene	224	C16H32	000629-73-2	93
4			E-7-Octadecene	252	C18H36	1000130-92-0	93
5			1-Octadecanol	270	C18H38O	000112-92-5	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017115.D
Acq On : 13 May 2015 19:47
Operator : TP/IZ
Sample : G2194-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

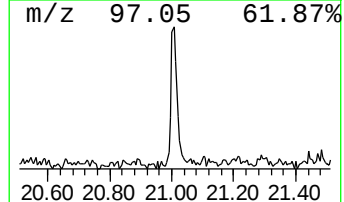
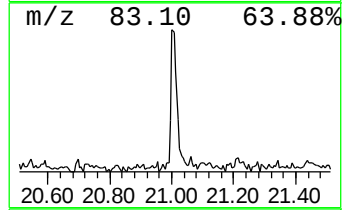
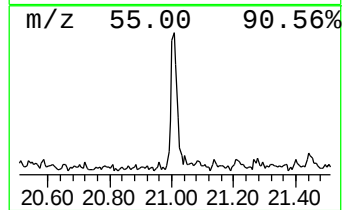
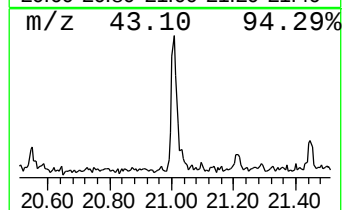
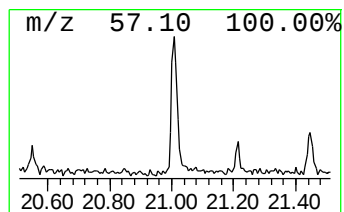
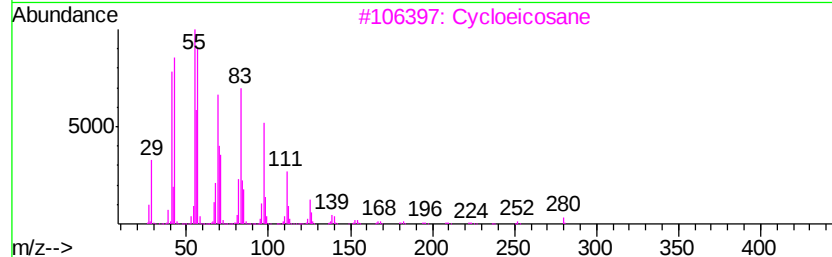
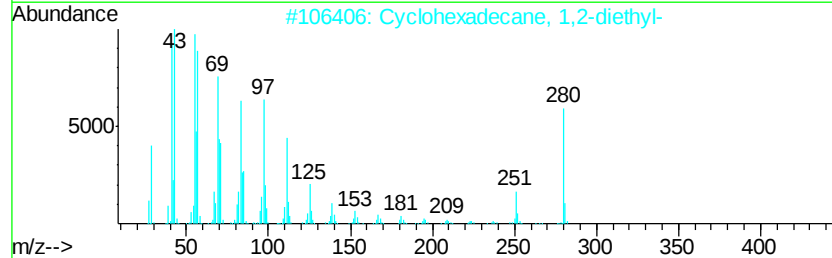
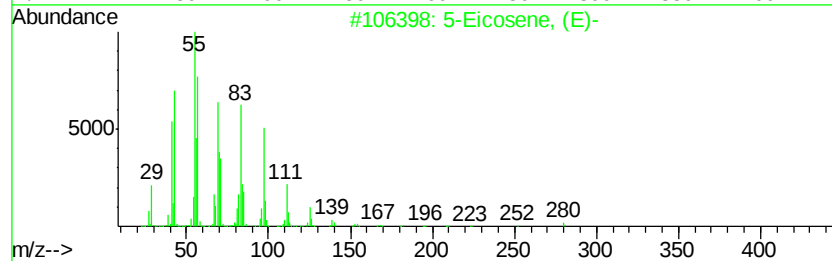
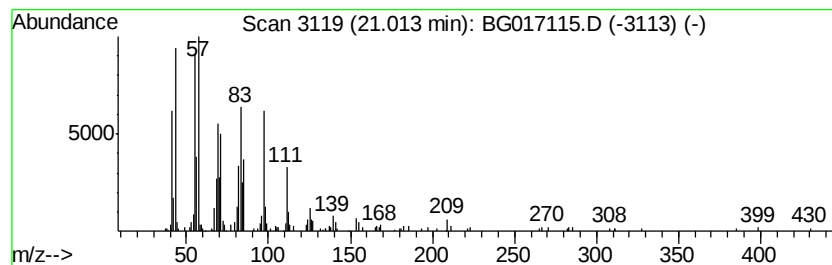
Instrument :
BNA_G
ClientSampleId :
TU021-SB-17-7.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 5-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.01	4.57 ng	195471	Chrysene-d12		21.29	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	96
2	Cyclohexadecane, 1,2-diethyl-		280	C20H40	1000155-85-3	95
3	Cycloeicosane		280	C20H40	000296-56-0	91
4	1-Heneicosyl formate		340	C22H44O2	077899-03-7	91
5	2- Chloropropionic acid, octadec...		360	C21H41ClO2	088104-31-8	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017115.D
Acq On : 13 May 2015 19:47
Operator : TP/IZ
Sample : G2194-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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
unknown2.88	2.88	10.1	ng	148938	1	7.71	295374	20.0
2-Pentanone, 4-hy...	4.81	5.8	ng	86081	1	7.71	295374	20.0
unknown7.25	7.25	60.6	ng	894697	1	7.71	295374	20.0
1H-Benzotriazole,...	14.66	4.1	ng	116766	3	14.36	574635	20.0
1H-Benzotriazole,...	15.08	2.5	ng	72342	3	14.36	574635	20.0
2-Tetradecene, (E)-	17.49	2.8	ng	104550	4	17.11	750929	20.0
Cyclohexadecane	18.87	3.6	ng	134671	4	17.11	750929	20.0
5-Eicosene, (E)-	21.01	4.6	ng	195471	5	21.29	855566	20.0