

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
 Data File : BG016915.D
 Acq On : 7 May 2015 10:13
 Operator : TP/IZ
 Sample : G2114-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GRID-1(12-18)

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	2.788	12	17	36	rBV	6650743	9486143	100.00%	21.766%
2	2.923	36	40	50	rVV2	169701	343623	3.62%	0.788%
3	2.999	50	53	58	rVV	265708	345887	3.65%	0.794%
4	4.921	375	380	390	rVB	184418	265017	2.79%	0.608%
5	5.379	451	458	472	rBV	1591742	2339520	24.66%	5.368%
6	6.965	719	728	739	rBV	1751949	2775329	29.26%	6.368%
7	7.330	782	790	800	rBV	1586676	2534540	26.72%	5.816%
8	7.800	863	870	876	rBV	319479	523235	5.52%	1.201%
9	8.117	917	924	932	rBV	1060898	1698311	17.90%	3.897%
10	8.957	1060	1067	1074	rBV	991886	1617348	17.05%	3.711%
11	10.591	1336	1345	1355	rVB	467749	817714	8.62%	1.876%
12	11.907	1562	1569	1575	rVB2	72873	119548	1.26%	0.274%
13	13.058	1758	1765	1773	rVB	2094163	3140926	33.11%	7.207%
14	13.893	1902	1907	1911	rBV	148579	204257	2.15%	0.469%
15	14.339	1977	1983	1991	rBV	97580	128435	1.35%	0.295%
16	14.433	1993	1999	2007	rVV2	673219	1072587	11.31%	2.461%
17	15.297	2139	2146	2150	rVB2	91918	124723	1.31%	0.286%
18	15.796	2225	2231	2236	rVB	351040	466229	4.91%	1.070%
19	15.925	2246	2253	2262	rBV	1859930	2669938	28.15%	6.126%
20	16.155	2287	2292	2295	rBV	117245	164772	1.74%	0.378%
21	16.948	2421	2427	2431	rBV	107306	130316	1.37%	0.299%
22	17.183	2461	2467	2471	rBV2	906357	1319473	13.91%	3.028%
23	17.224	2471	2474	2477	rVV	140628	187029	1.97%	0.429%
24	17.306	2480	2488	2494	rVB4	74894	143082	1.51%	0.328%
25	17.688	2549	2553	2559	rVB	93174	112264	1.18%	0.258%
26	17.858	2576	2582	2587	rBV	175507	208910	2.20%	0.479%
27	18.076	2611	2619	2631	rBV4	161513	328889	3.47%	0.755%
28	19.034	2779	2782	2786	rVB	174892	205429	2.17%	0.471%
29	19.239	2810	2817	2822	rBV	320356	433299	4.57%	0.994%
30	19.357	2831	2837	2848	rBV3	81919	168597	1.78%	0.387%
31	19.598	2869	2878	2887	rVB	287347	489043	5.16%	1.122%
32	19.809	2905	2914	2920	rBV	3449384	4275816	45.07%	9.811%
33	21.072	3121	3129	3136	rBV4	259525	403660	4.26%	0.926%
34	21.360	3170	3178	3182	rBV	1161270	1705714	17.98%	3.914%

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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	21.396	3182	3184	3189	rVB	130383	140742	1.48%	0.323%
36	22.430	3356	3360	3370	rBV10	68674	136719	1.44%	0.314%
37	22.964	3445	3451	3456	rBV3	106392	239689	2.53%	0.550%
38	23.458	3527	3535	3544	rVB	62520	136511	1.44%	0.313%
39	23.558	3546	3552	3561	rBV	107904	206480	2.18%	0.474%
40	23.663	3562	3570	3584	rBV2	722294	1461964	15.41%	3.355%
41	26.014	3964	3970	3982	rVB4	55256	176285	1.86%	0.404%
42	26.742	4084	4094	4105	rBV4	40719	133494	1.41%	0.306%

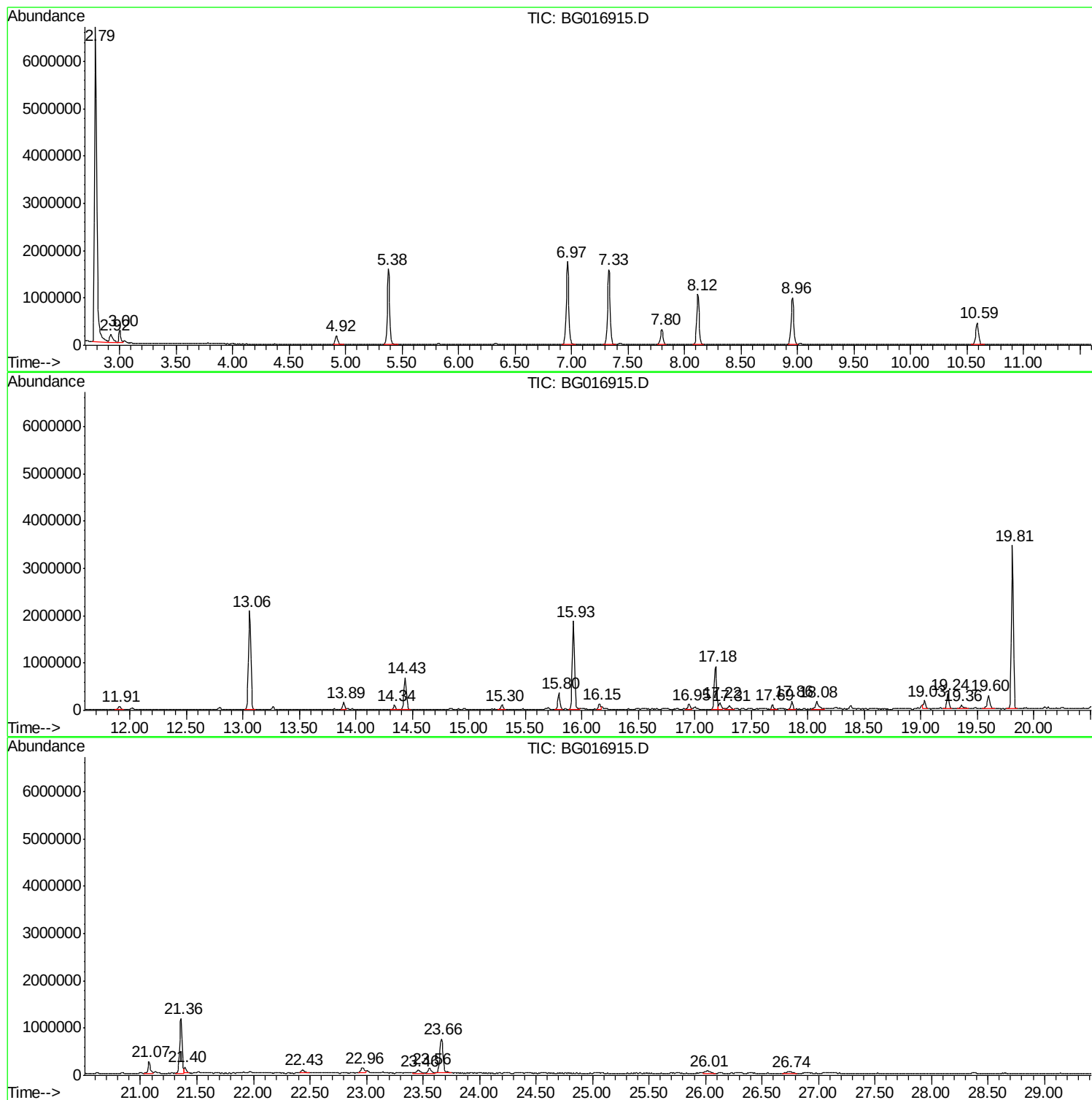
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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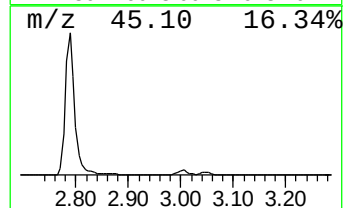
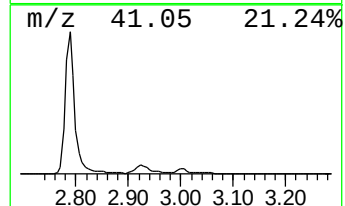
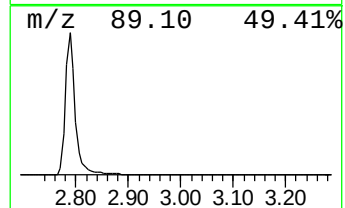
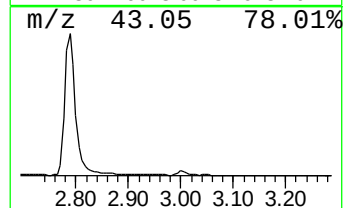
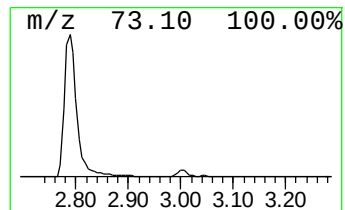
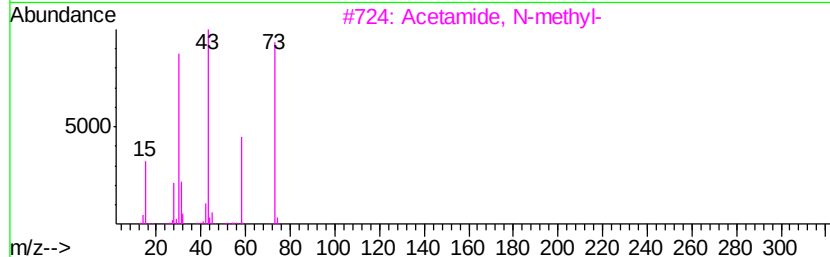
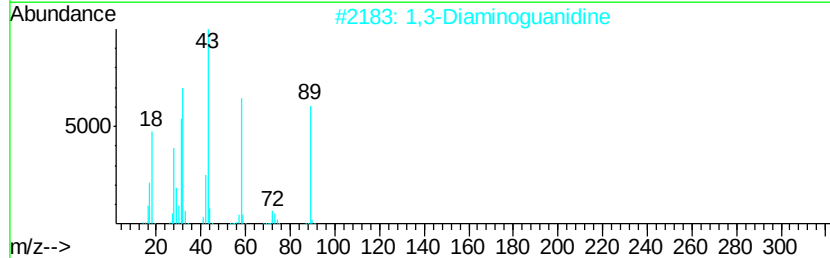
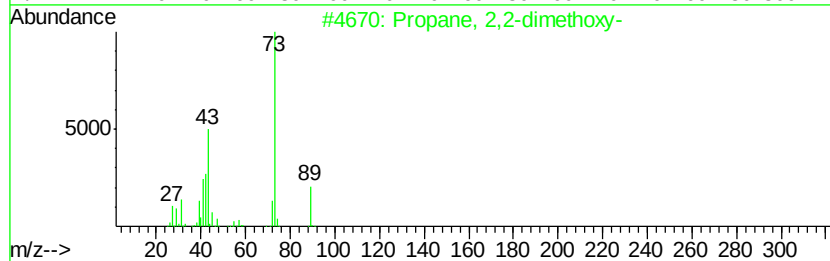
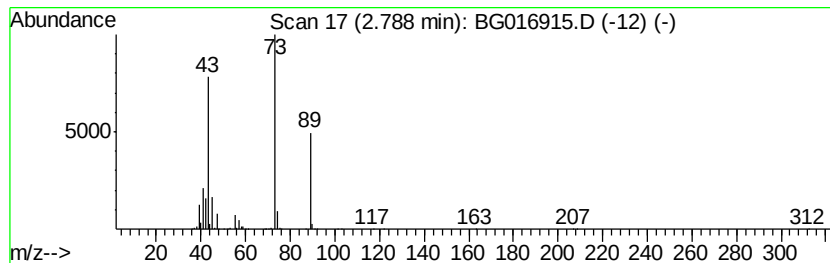
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown2.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	362.60 ng	9486140	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	42
2		1,3-Diaminoguanidine	89	CH7N5	004364-78-7	40
3		Acetamide, N-methyl-	73	C3H7NO	000079-16-3	25
4		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	17
5		1-Propene-1-thiol	74	C3H6S	000925-89-3	16



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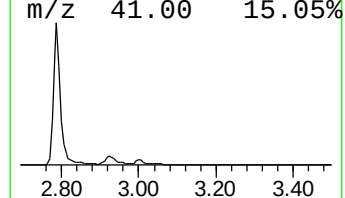
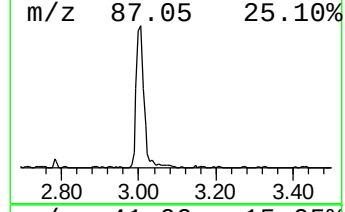
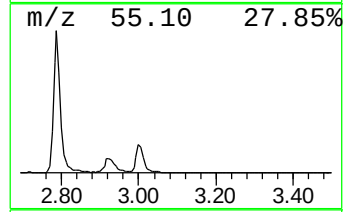
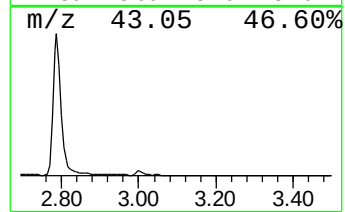
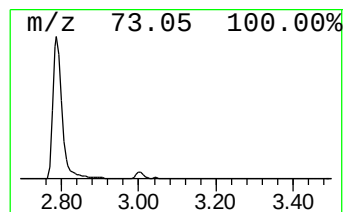
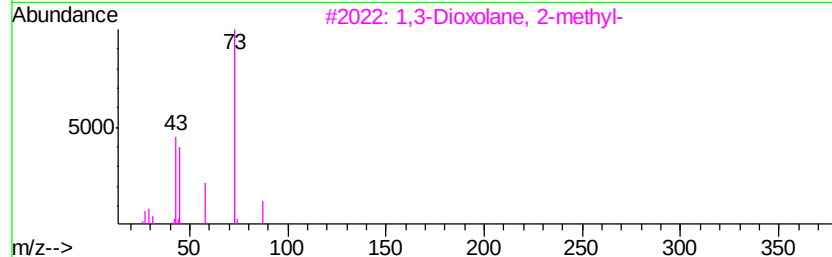
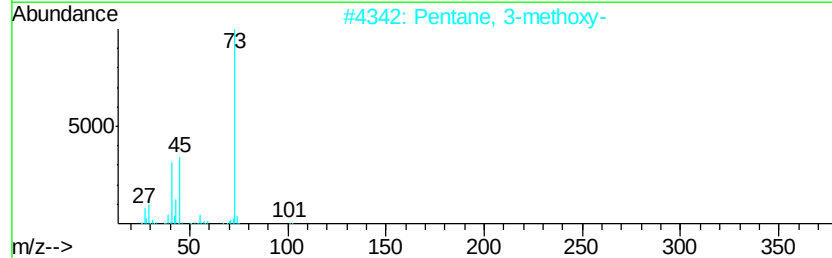
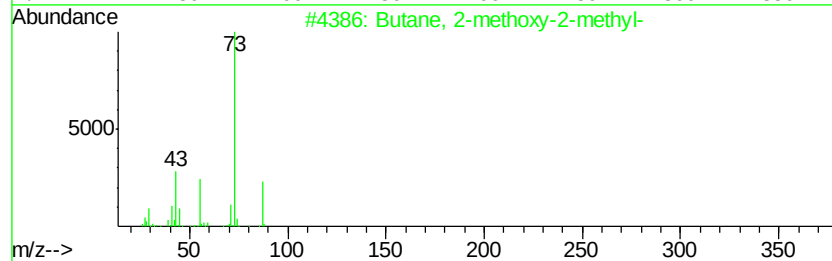
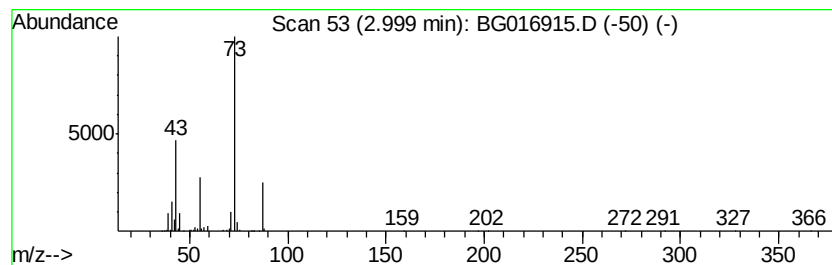
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	13.22 ng	345887	1,4-Dichlorobenzene-d4	7.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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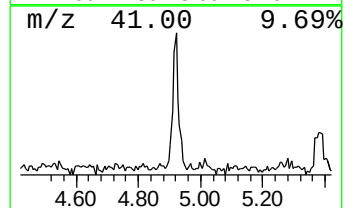
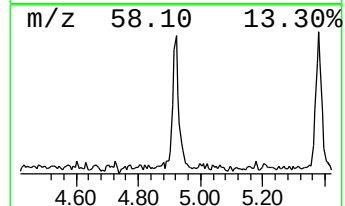
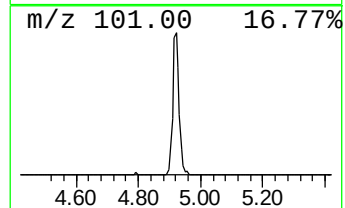
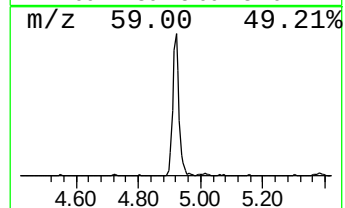
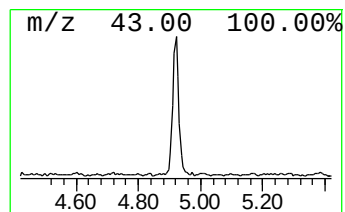
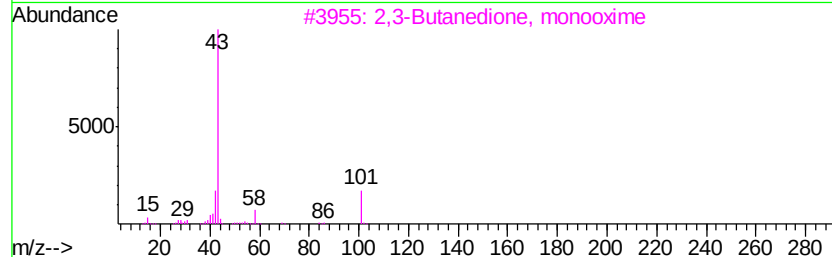
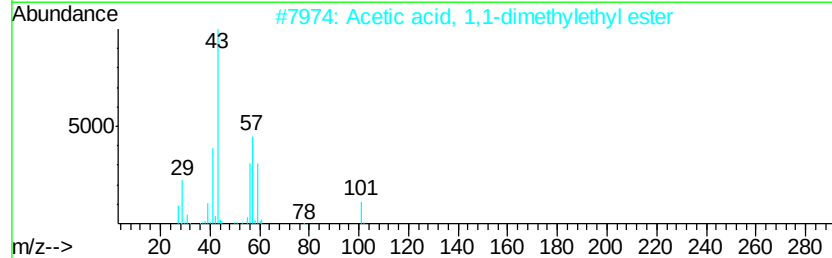
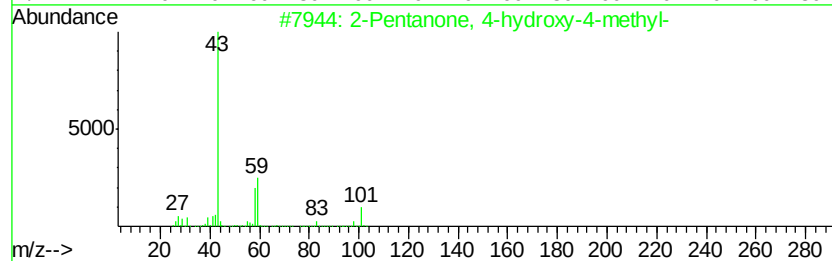
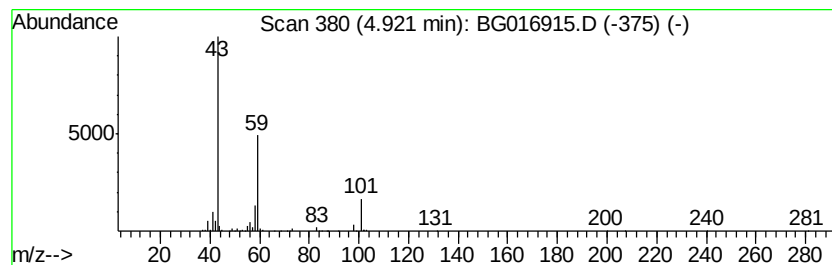
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	10.13 ng	265017	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5		2-Heptanone, 7,7-dichloro-	182	C7H12Cl2O	066241-43-8	9



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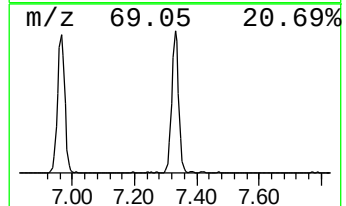
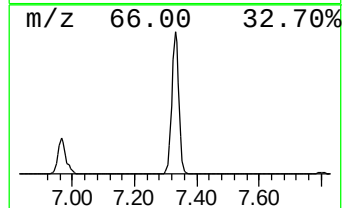
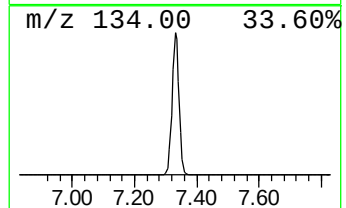
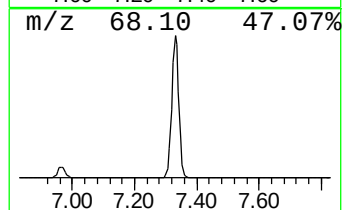
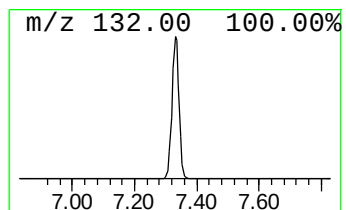
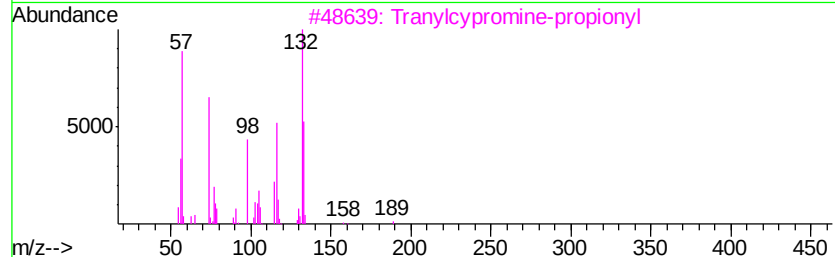
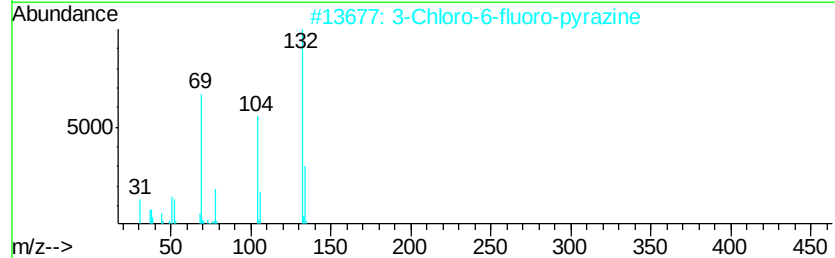
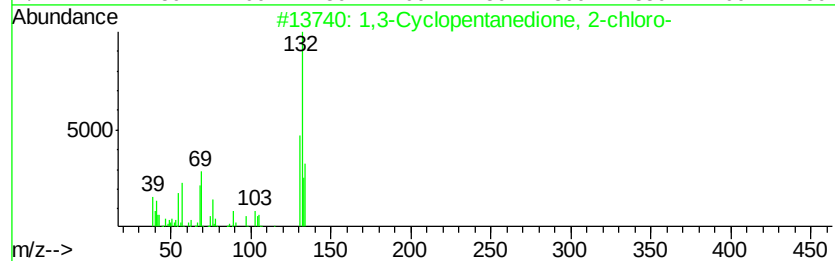
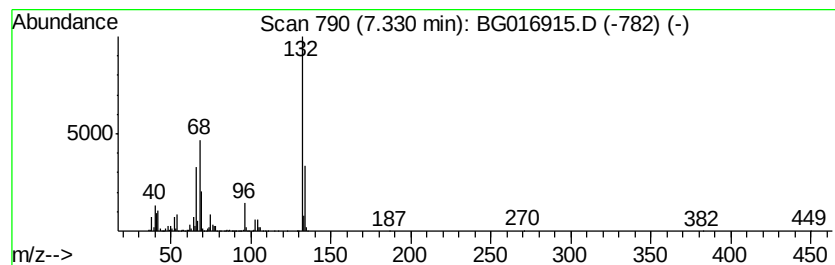
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown7.33 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	96.88 ng	2534540	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		5-Aminoindole	132	C8H8N2	005192-03-0	22



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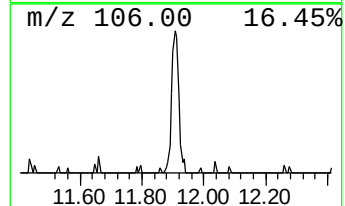
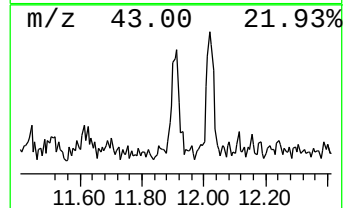
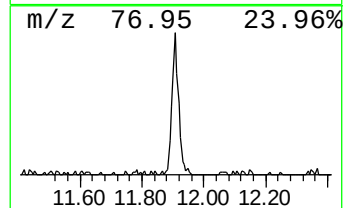
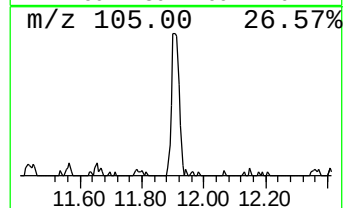
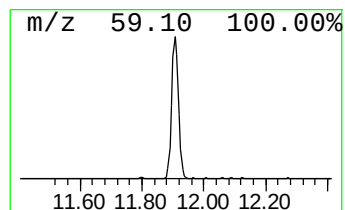
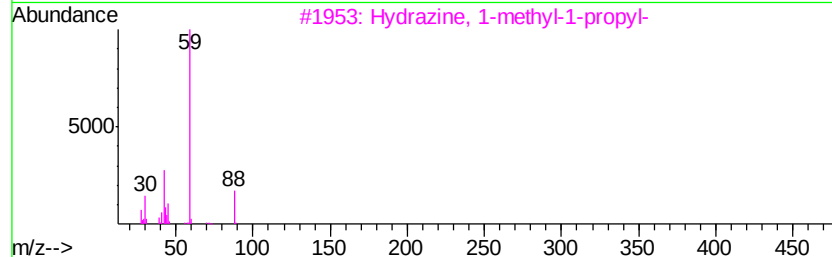
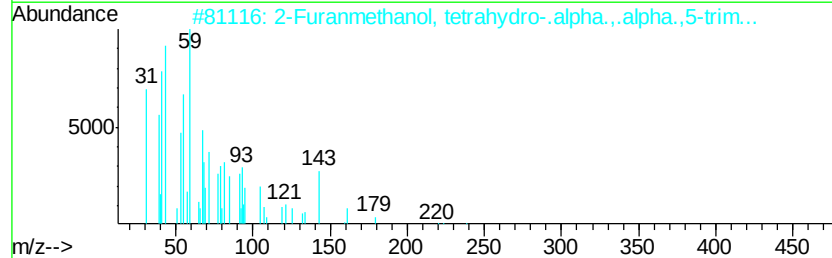
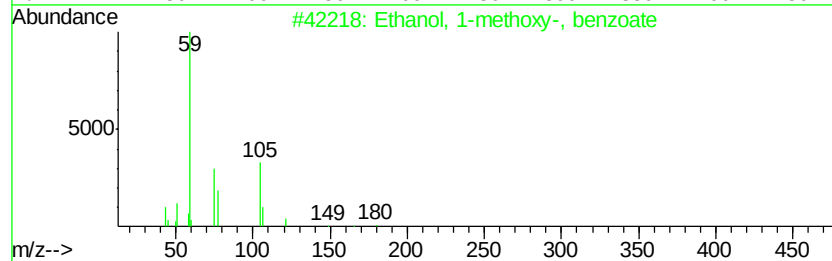
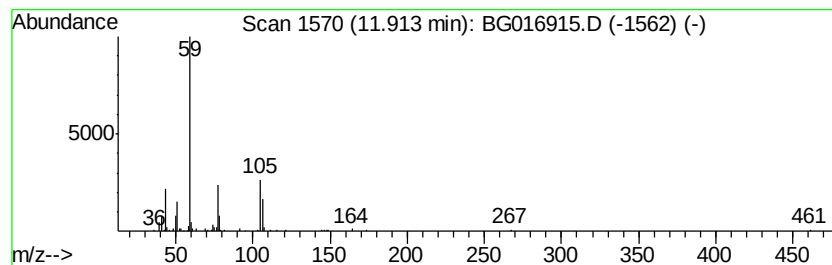
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Ethanol, 1-methoxy-, benzoate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	2.92 ng	119548	Naphthalene-d8	10.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	59
2		2-Furanmethanol, tetrahydro-.alp...	238	C15H26O2	026184-88-3	25
3		Hydrazine, 1-methyl-1-propyl-	88	C4H12N2	004986-49-6	9
4		1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	9
5		Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
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Acq On : 7 May 2015 10:13
Operator : TP/IZ
Sample : G2114-03
Misc :
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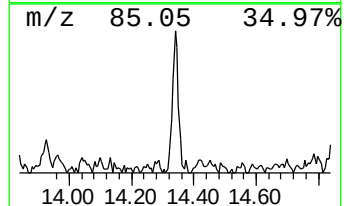
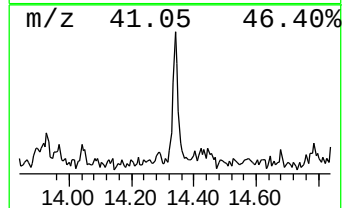
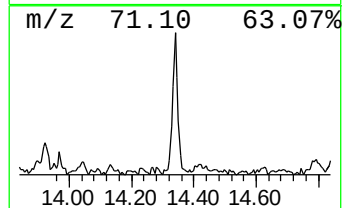
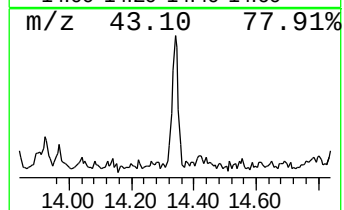
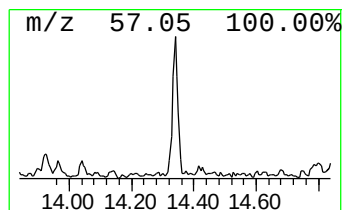
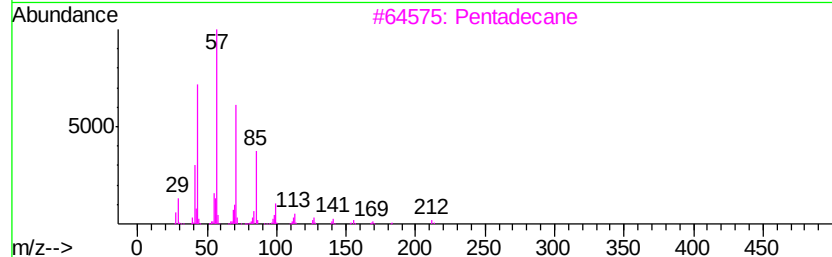
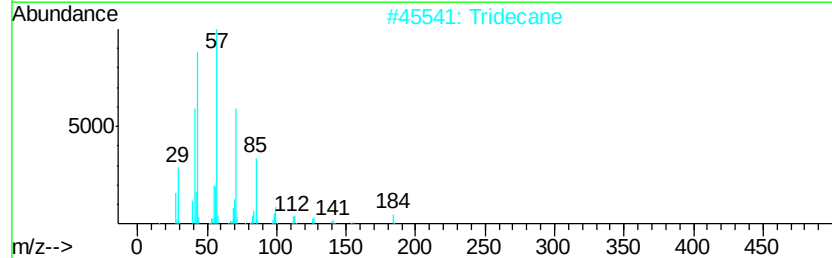
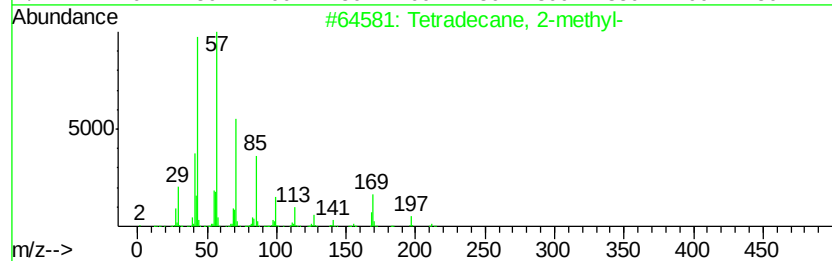
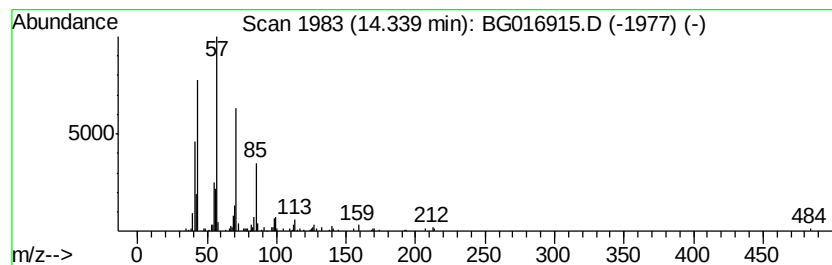
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ClientSampleId :
GRID-1(12-18)

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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 Tetradecane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	2.39 ng	128435	Acenaphthene-d10	14.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane, 2-methyl-	212 C15H32	001560-95-8 86
2		Tridecane	184 C13H28	000629-50-5 86
3		Pentadecane	212 C15H32	000629-62-9 86
4		Hexadecane	226 C16H34	000544-76-3 86
5		Heptane, 2,6-dimethyl-	128 C9H20	001072-05-5 86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
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Acq On : 7 May 2015 10:13
Operator : TP/IZ
Sample : G2114-03
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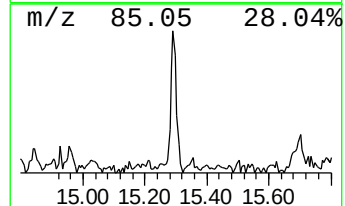
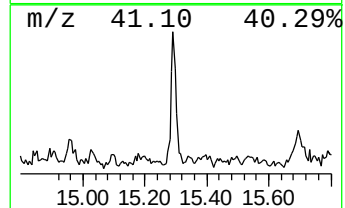
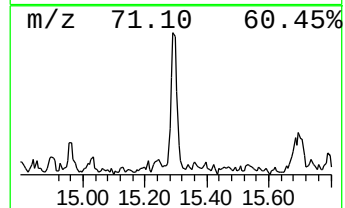
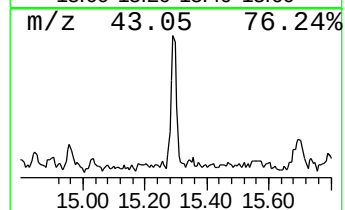
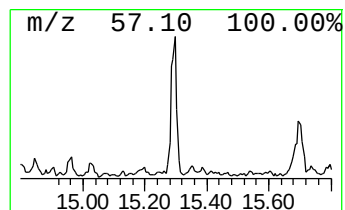
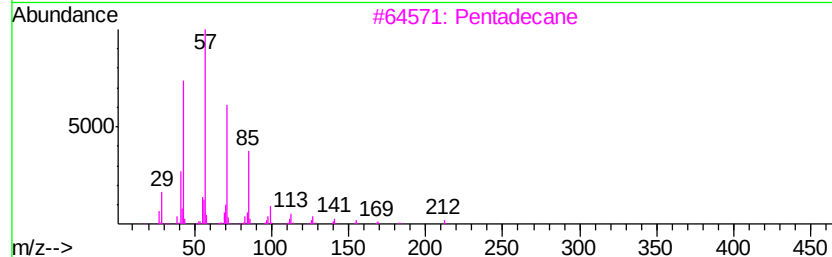
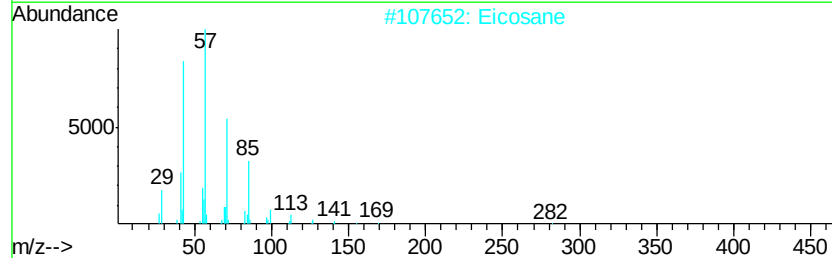
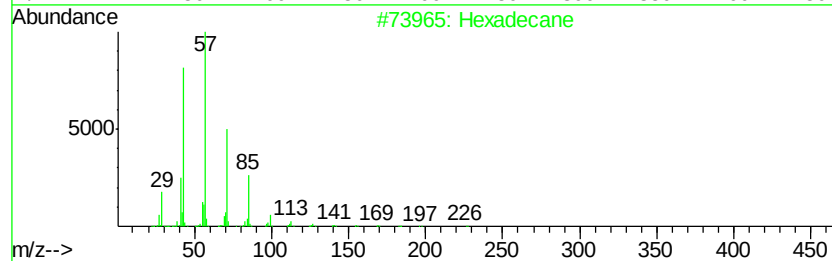
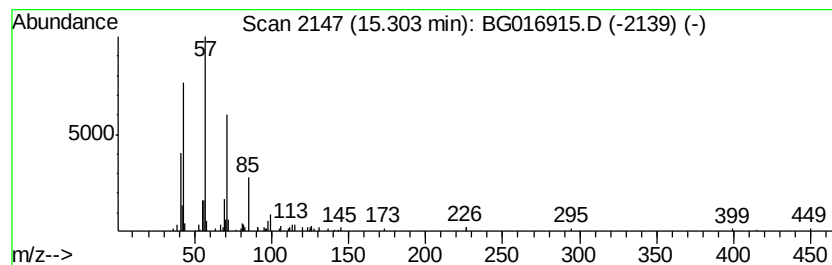
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	2.33 ng	124723	Acenaphthene-d10	14.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	94
2	Eicosane	282 C20H42	000112-95-8	90
3	Pentadecane	212 C15H32	000629-62-9	90
4	Tetratetracontane	619 C44H90	007098-22-8	83
5	Heptadecane	240 C17H36	000629-78-7	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016915.D
Acq On : 7 May 2015 10:13
Operator : TP/IZ
Sample : G2114-03
Misc :
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Instrument :
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ClientSampleId :
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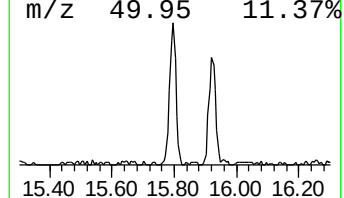
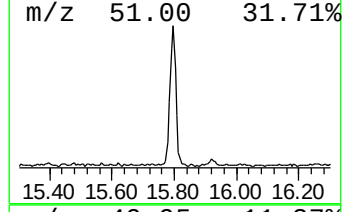
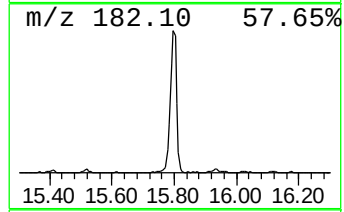
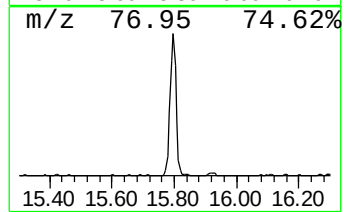
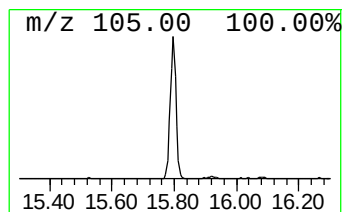
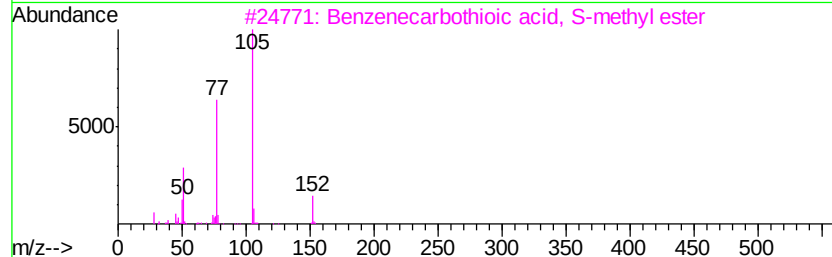
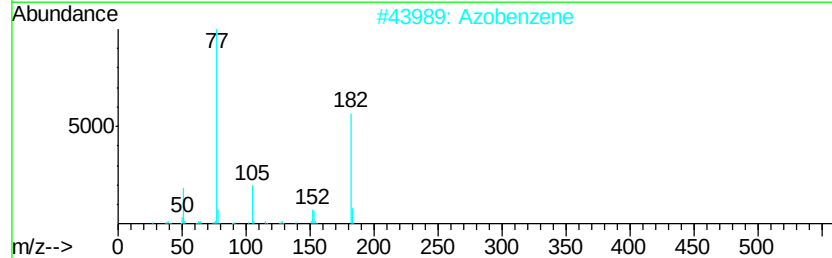
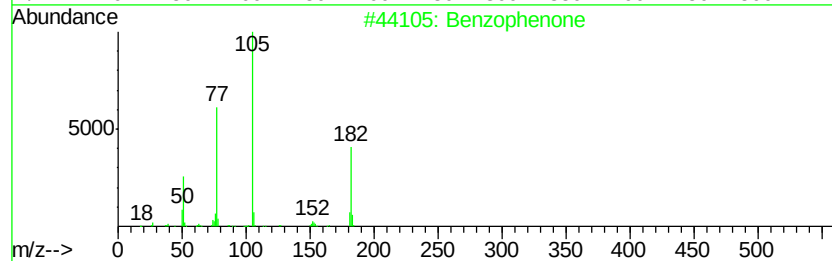
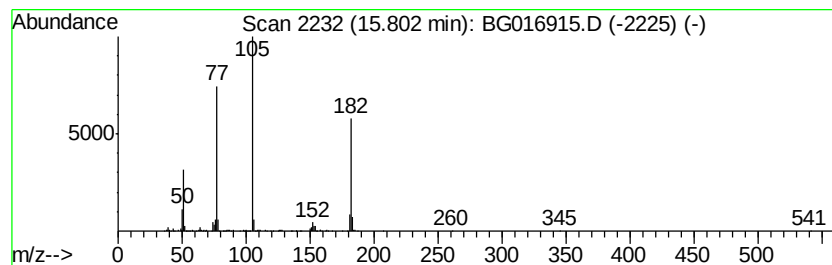
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	8.69 ng	466229	Acenaphthene-d10	14.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Azobenzene	182	C12H10N2	000103-33-3	58
3			Benzenecarbothioic acid, S-methv...	152	C8H8OS	005925-68-8	52
4			Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	52
5			2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016915.D
Acq On : 7 May 2015 10:13
Operator : TP/IZ
Sample : G2114-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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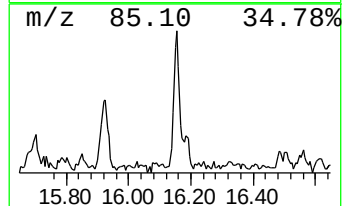
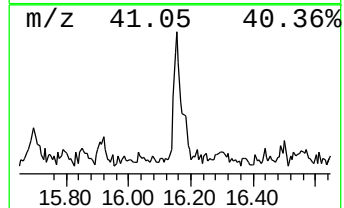
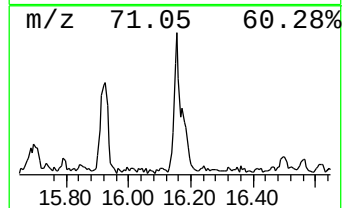
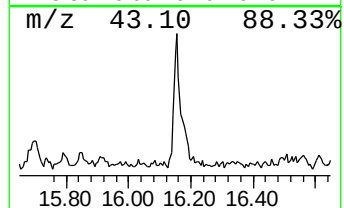
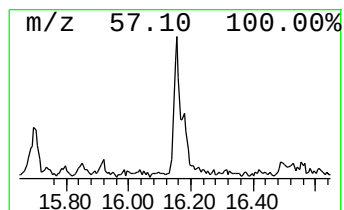
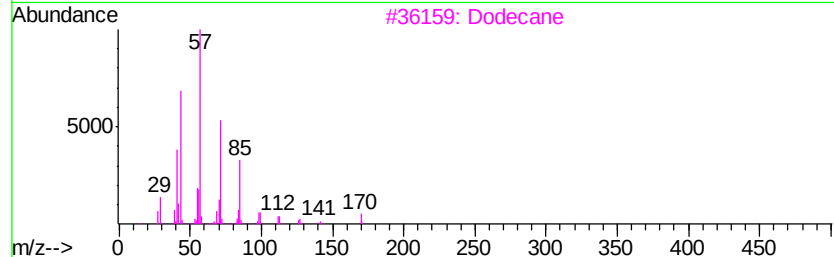
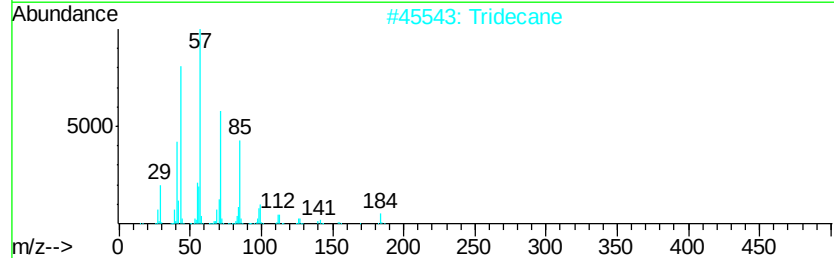
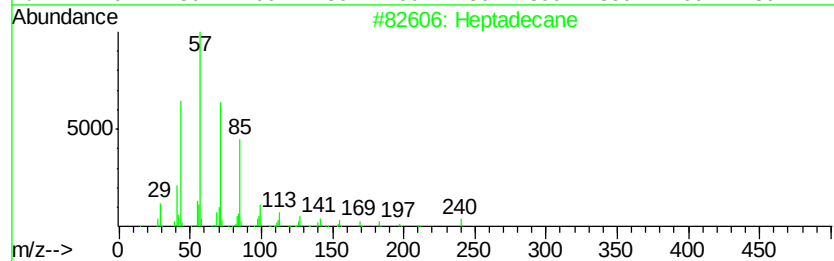
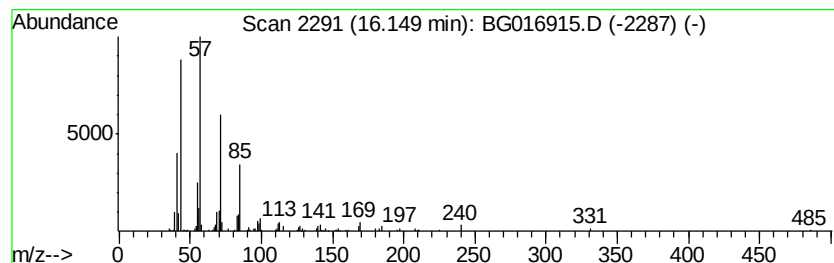
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	2.50 ng	164772	Phenanthrene-d10	17.18

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	94
2	Tridecane		184	C13H28	000629-50-5	87
3	Dodecane		170	C12H26	000112-40-3	83
4	Nonadecane		268	C19H40	000629-92-5	81
5	Eicosane		282	C20H42	000112-95-8	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016915.D
Acq On : 7 May 2015 10:13
Operator : TP/IZ
Sample : G2114-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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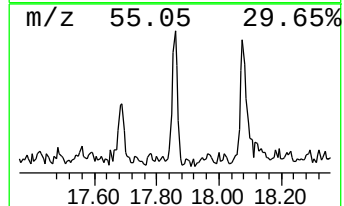
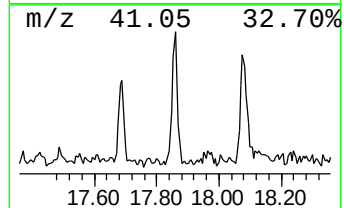
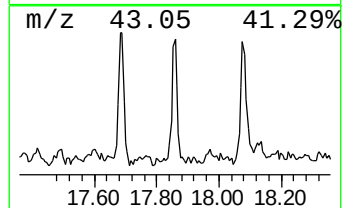
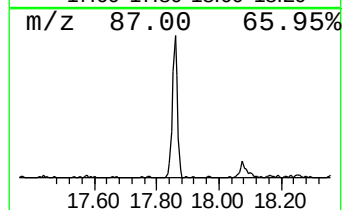
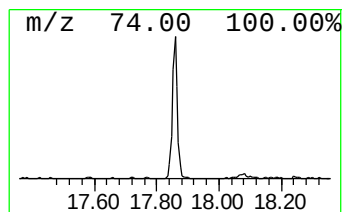
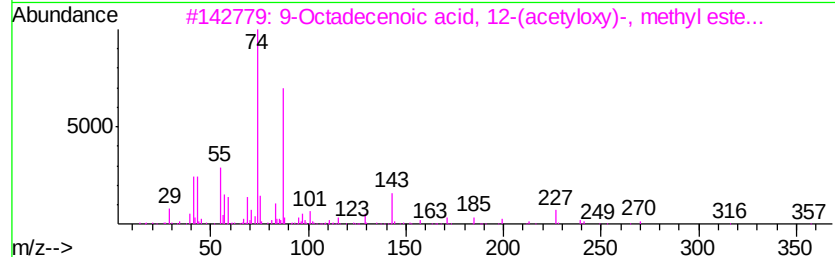
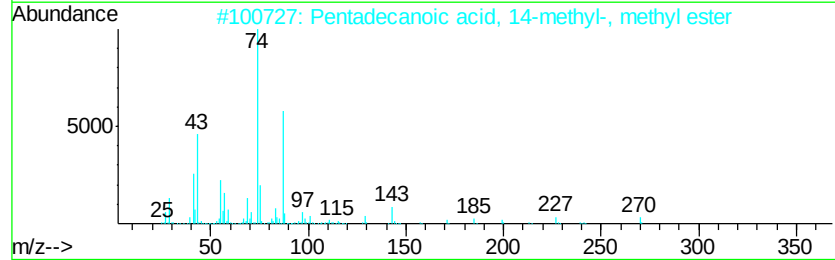
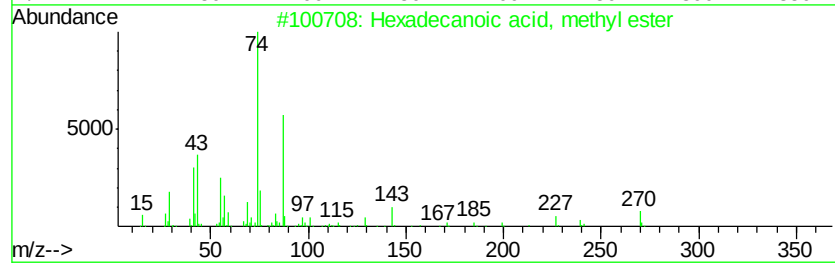
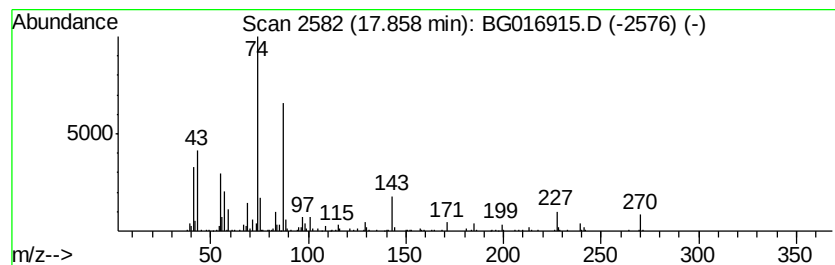
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	3.17 ng	208910	Phenanthrene-d10	17.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	97
3		9-Octadecenoic acid, 12-(acetylo...	354	C21H38O4	000140-03-4	90
4		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016915.D
Acq On : 7 May 2015 10:13
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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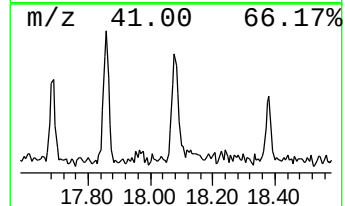
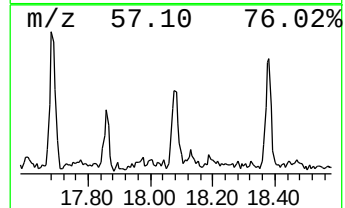
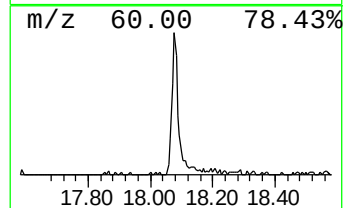
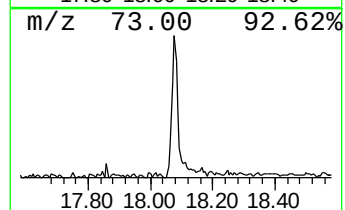
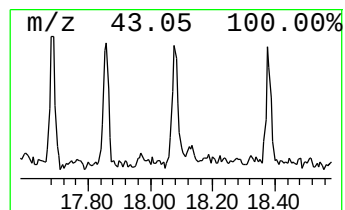
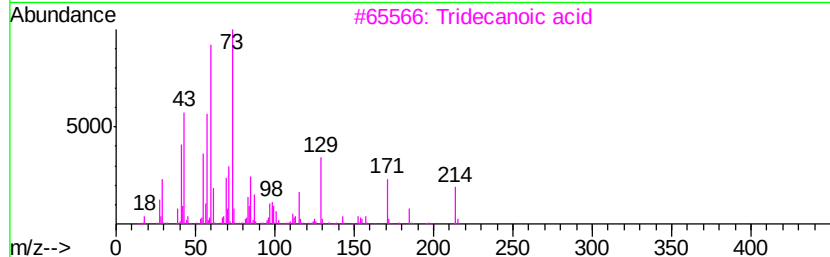
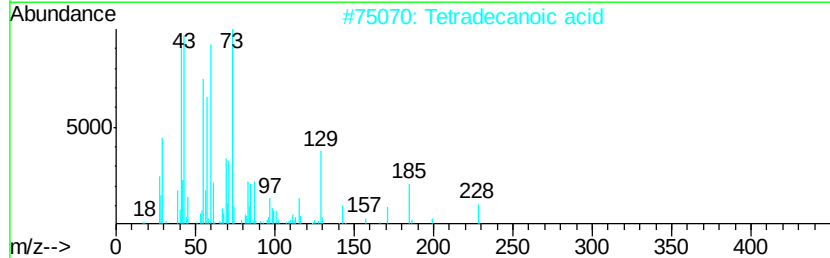
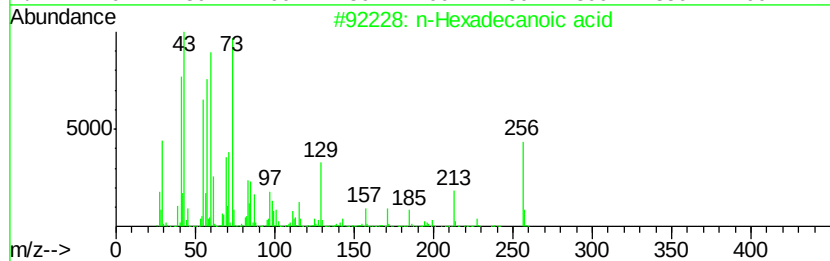
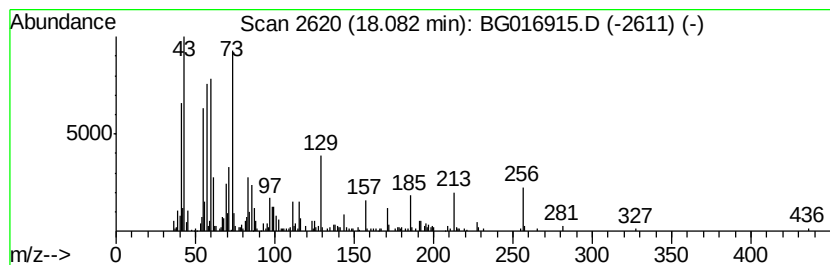
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	4.99 ng	328889	Phenanthrene-d10	17.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	76
3			Tridecanoic acid	214	C13H26O2	000638-53-9	70
4			Dodecanoic acid	200	C12H24O2	000143-07-7	58
5			11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
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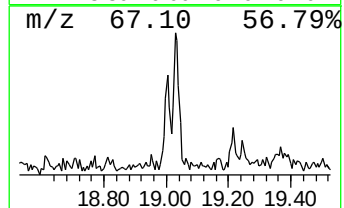
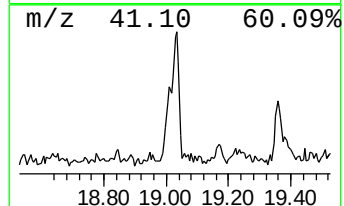
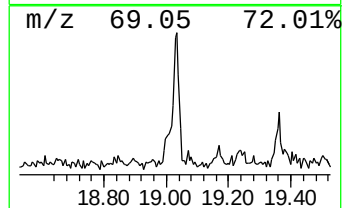
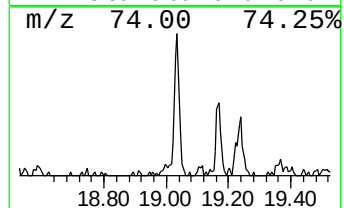
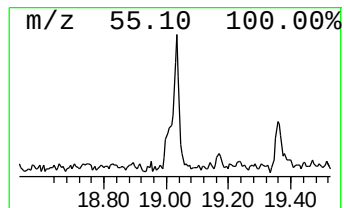
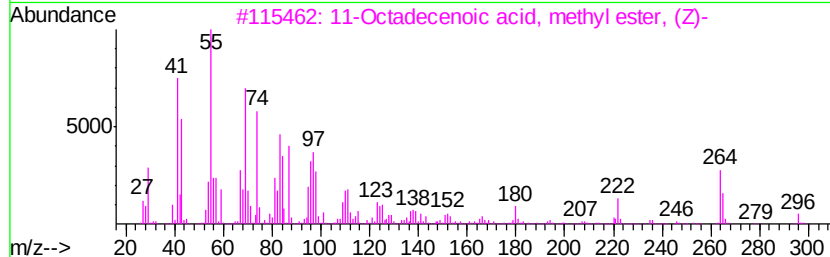
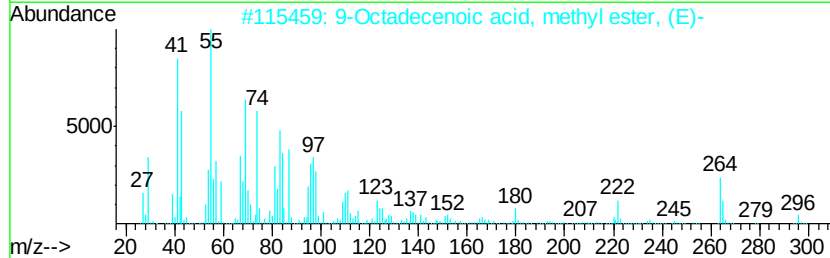
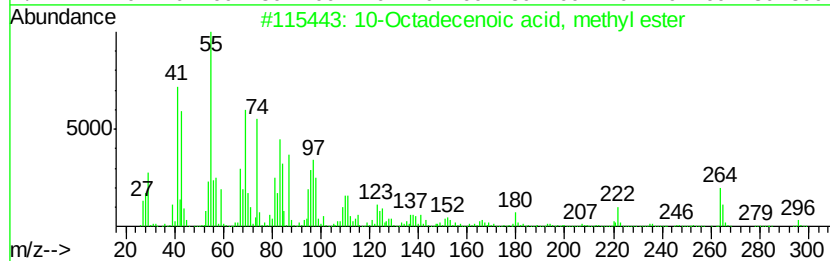
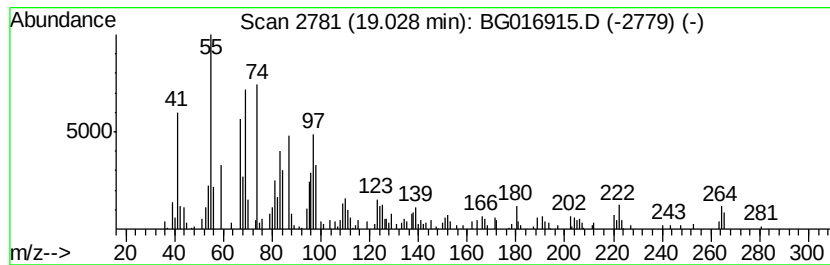
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 10-Octadecenoic acid, methyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.03	3.11 ng	205429	Phenanthrene-d10	17.18	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
2	9-Octadecenoic acid, methyl ester...	296	C19H36O2	001937-62-8	98
3	11-Octadecenoic acid, methyl ester...	296	C19H36O2	001937-63-9	97
4	10-Octadecenoic acid, methyl ester...	296	C19H36O2	013038-45-4	97
5	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	96



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016915.D
Acq On : 7 May 2015 10:13
Operator : TP/IZ
Sample : G2114-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GRID-1(12-18)

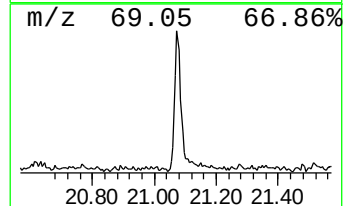
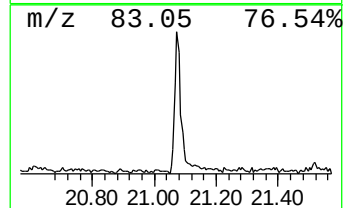
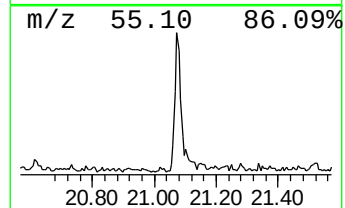
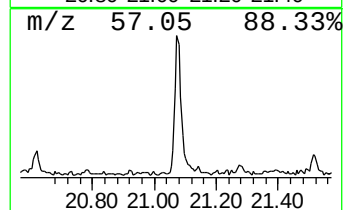
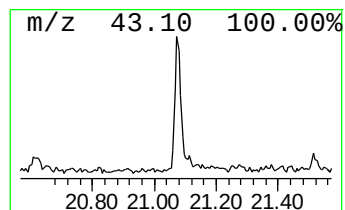
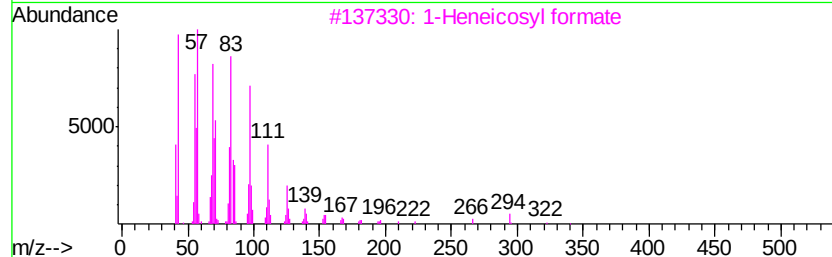
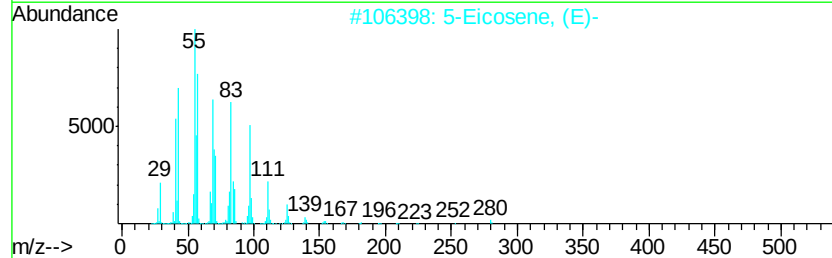
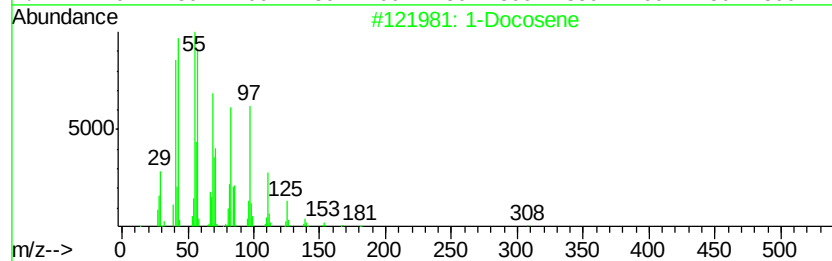
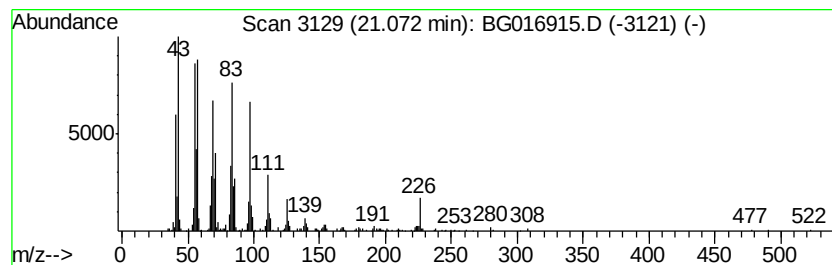
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1-Docosene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	4.73 ng	403660	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	99
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	93
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4		Cyclotetracosane	336	C24H48	000297-03-0	91
5		1-Tricosene	322	C23H46	018835-32-0	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050715\
Data File : BG016915.D
Acq On : 7 May 2015 10:13
Operator : TP/IZ
Sample : G2114-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GRID-1(12-18)

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
unknown2.79	2.79	362.6	ng	9486140	1	7.80	523235	20.0
Butane, 2-methoxy...	3.00	13.2	ng	345887	1	7.80	523235	20.0
2-Pentanone, 4-hy...	4.92	10.1	ng	265017	1	7.80	523235	20.0
unknown7.33	7.33	96.9	ng	2534540	1	7.80	523235	20.0
Ethanol, 1-methox...	11.91	2.9	ng	119548	2	10.59	817714	20.0
Tetradecane, 2-me...	14.34	2.4	ng	128435	3	14.43	1072590	20.0
Hexadecane	15.30	2.3	ng	124723	3	14.43	1072590	20.0
Benzophenone	15.80	8.7	ng	466229	3	14.43	1072590	20.0
Heptadecane	16.15	2.5	ng	164772	4	17.18	1319470	20.0
Hexadecanoic acid...	17.86	3.2	ng	208910	4	17.18	1319470	20.0
n-Hexadecanoic acid	18.08	5.0	ng	328889	4	17.18	1319470	20.0
10-Octadecenoic a...	19.03	3.1	ng	205429	4	17.18	1319470	20.0
1-Docosene	21.07	4.7	ng	403660	5	21.36	1705710	20.0