

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041916\
 Data File : BG021749.D
 Acq On : 19 Apr 2016 00:57
 Operator : UM/SJ
 Sample : H2537-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B8(15-17)

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-BG041316.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	3.091	38	43	68	rVB	2245390	3819252	100.00%	21.306%
2	3.361	85	89	99	rVB	24900	39172	1.03%	0.219%
3	5.289	408	417	428	rVB2	46914	77675	2.03%	0.433%
4	5.765	491	498	511	rVB	665740	1083610	28.37%	6.045%
5	7.369	761	771	784	rBV	700989	1223121	32.03%	6.823%
6	7.745	827	835	844	rBV	673067	1173930	30.74%	6.549%
7	8.209	905	914	921	rBV	137436	238079	6.23%	1.328%
8	8.538	961	970	983	rVB	487102	858569	22.48%	4.790%
9	9.378	1105	1113	1121	rBV	407379	755905	19.79%	4.217%
10	11.029	1386	1394	1404	rBV	196805	357587	9.36%	1.995%
11	13.450	1798	1806	1813	rBV	1110568	1689092	44.23%	9.423%
12	14.260	1938	1944	1950	rBV	95697	139954	3.66%	0.781%
13	14.819	2033	2039	2049	rVB2	278398	462128	12.10%	2.578%
14	15.635	2173	2178	2183	rVB	47704	60358	1.58%	0.337%
15	16.299	2285	2291	2299	rVB	674548	1059898	27.75%	5.913%
16	16.493	2319	2324	2334	rBV	52225	88947	2.33%	0.496%
17	17.557	2497	2505	2511	rBV	338248	508450	13.31%	2.836%
18	19.819	2885	2890	2897	rBV	125511	146138	3.83%	0.815%
19	19.930	2906	2909	2916	rVB2	33582	45174	1.18%	0.252%
20	20.142	2939	2945	2951	rBV	1613578	2150675	56.31%	11.998%
21	20.424	2989	2993	2998	rVB2	37663	43072	1.13%	0.240%
22	20.853	3062	3066	3072	rVV	101515	122089	3.20%	0.681%
23	20.923	3073	3078	3081	rVV	70674	86263	2.26%	0.481%
24	21.440	3161	3166	3171	rBV	84104	115011	3.01%	0.642%
25	21.828	3225	3232	3238	rVB	358530	633152	16.58%	3.532%
26	21.998	3257	3261	3265	rVB	63813	89188	2.34%	0.498%
27	22.621	3363	3367	3375	rVB	40307	65614	1.72%	0.366%
28	23.332	3483	3488	3495	rVB5	33778	76502	2.00%	0.427%
29	23.544	3519	3524	3529	rVB3	31676	57423	1.50%	0.320%
30	25.159	3789	3799	3814	rVB2	218319	659618	17.27%	3.680%

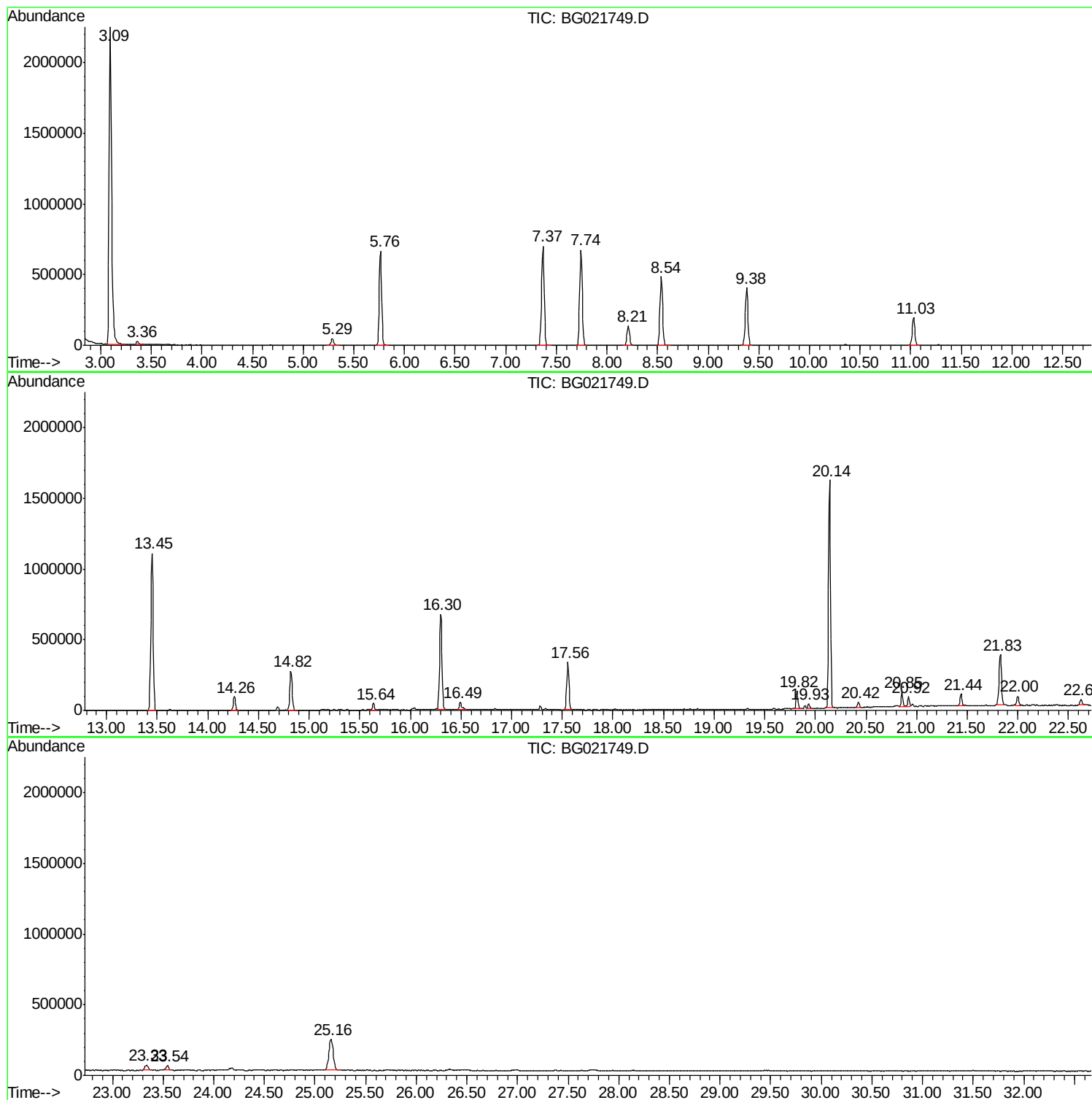
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Instrument :
BNA_G
ClientSampleId :
B8(15-17)

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.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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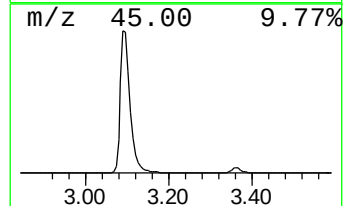
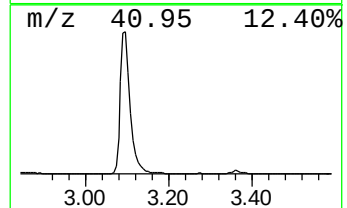
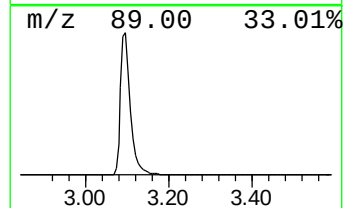
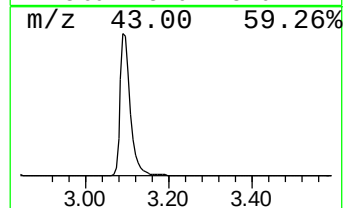
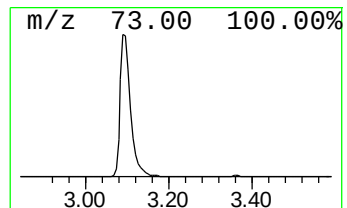
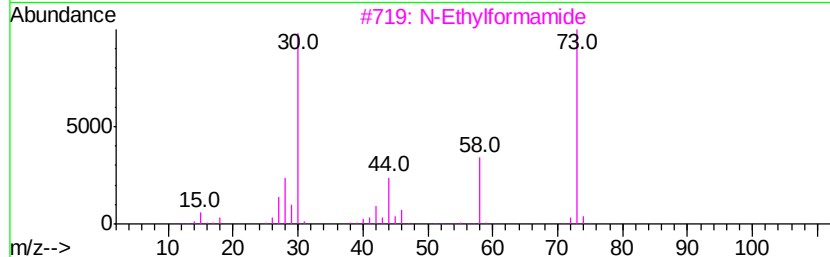
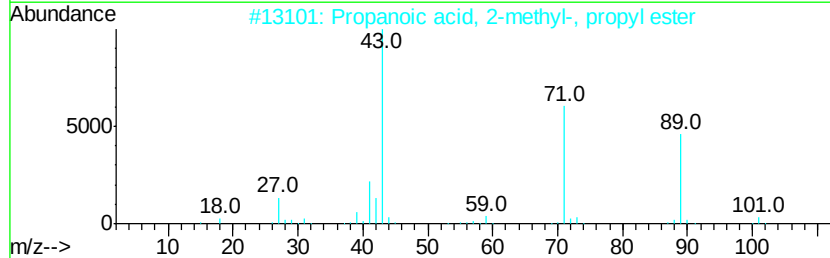
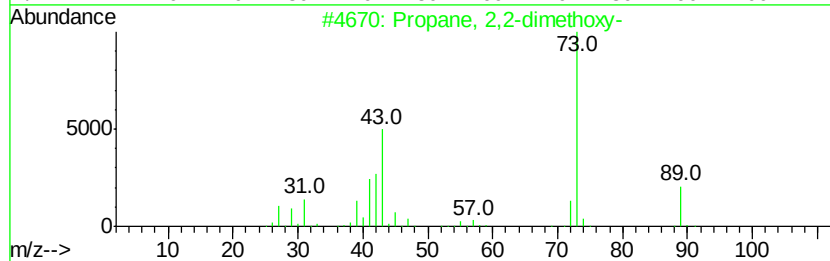
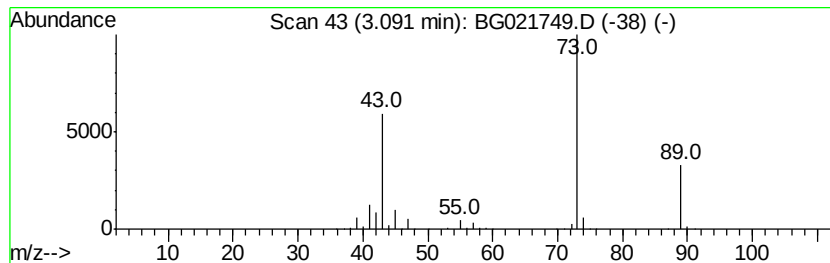
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	320.84 ng	3819250	1,4-Dichlorobenzene-d4	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	64
2		Propanoic acid, 2-methyl-, propyl ester	130	C7H14O2	000644-49-5	17
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5		1-Hexen-4-ol, 1-chloro-3,5-dimethoxy-	162	C8H15ClO	100244-09-5	9



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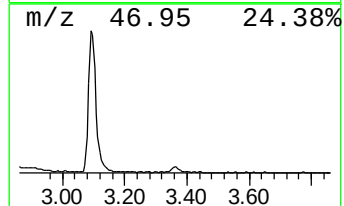
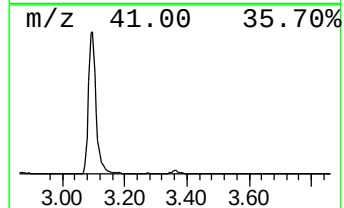
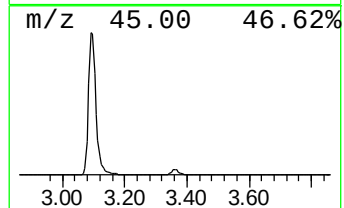
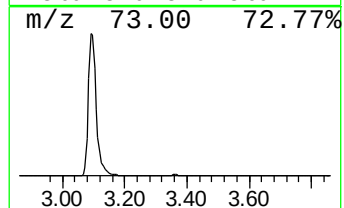
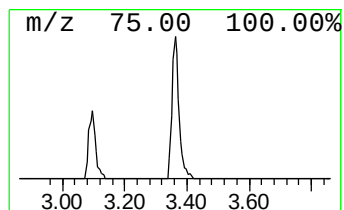
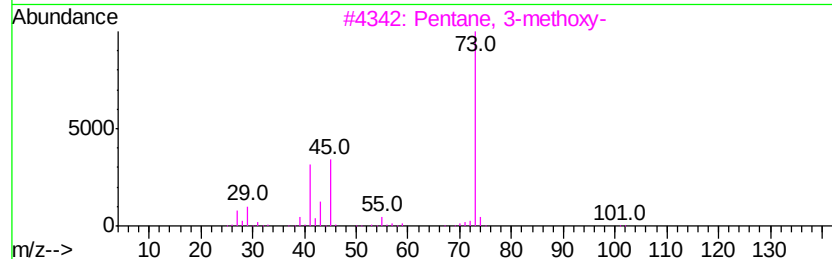
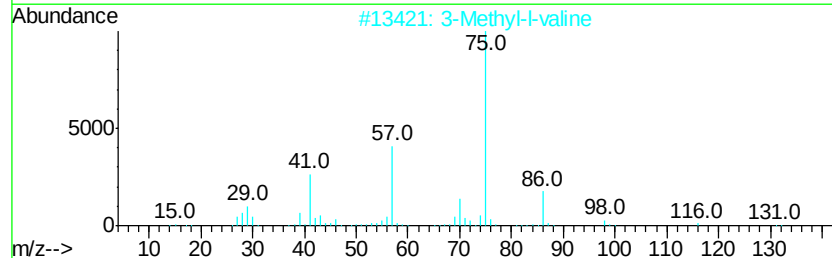
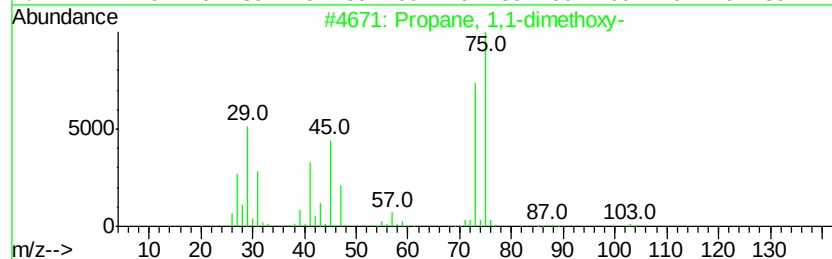
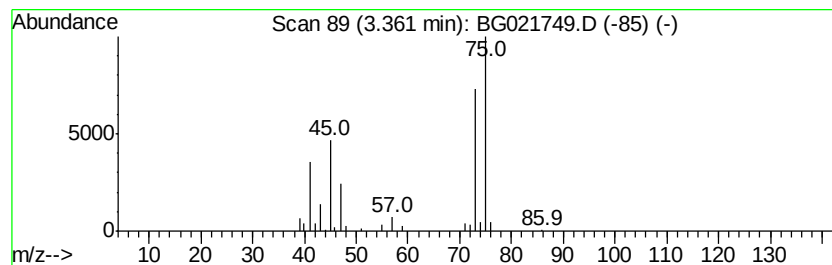
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.36	3.29 ng	39172	1,4-Dichlorobenzene-d4	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2		3-Methyl-L-valine	131	C6H13NO2	020859-02-3	25
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	22
4		Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	9
5		Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9



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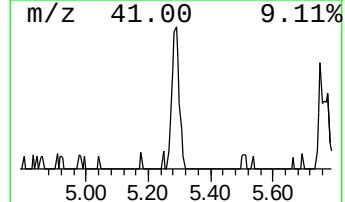
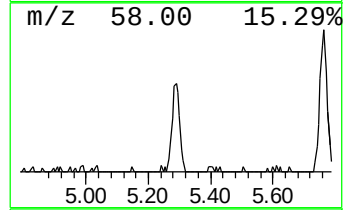
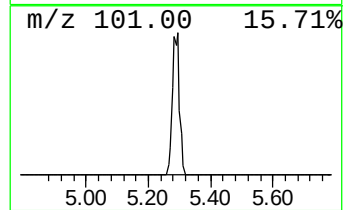
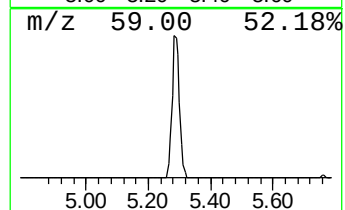
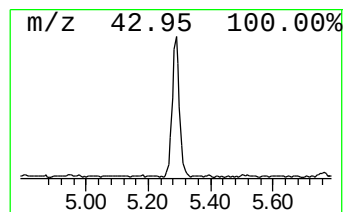
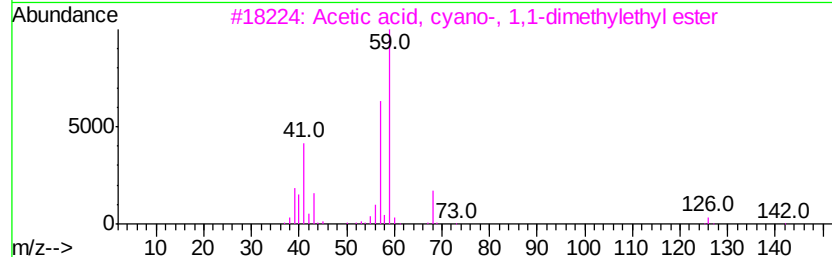
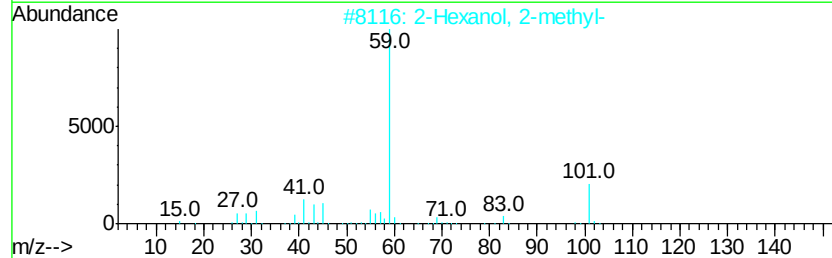
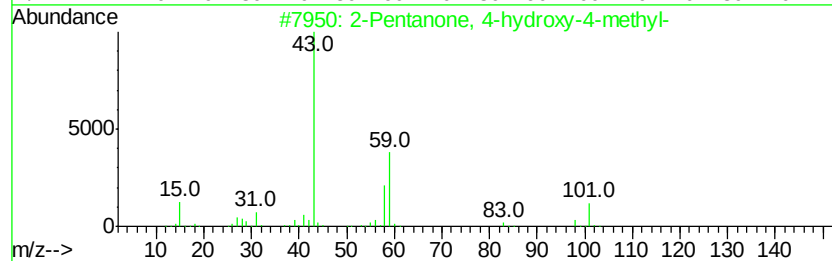
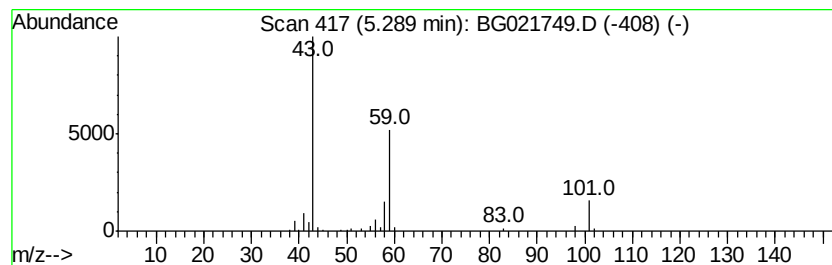
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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	6.53 ng	77675	1,4-Dichlorobenzene-d4	8.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17
5			Acetamide, N-(aminocarbonyl)-	102	C3H6N2O2	000591-07-1	9



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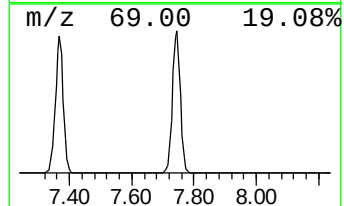
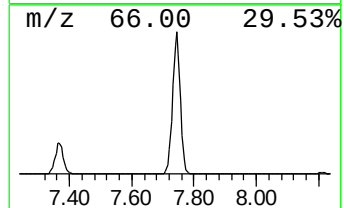
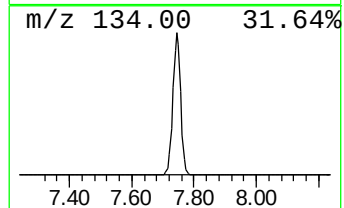
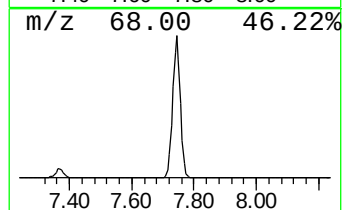
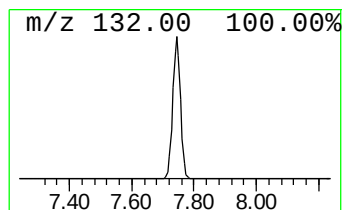
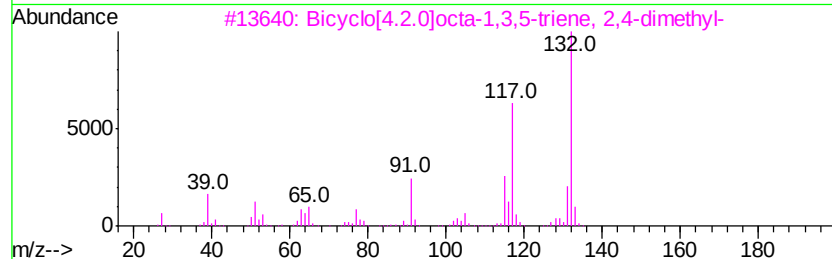
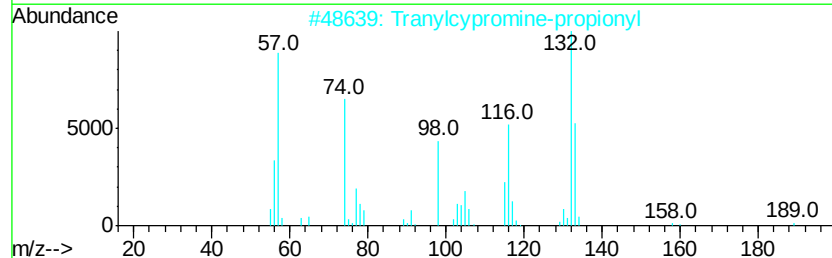
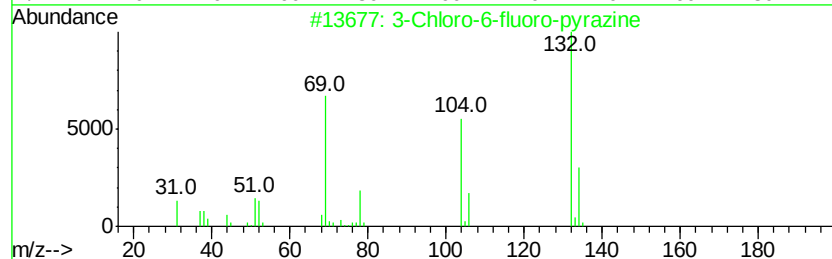
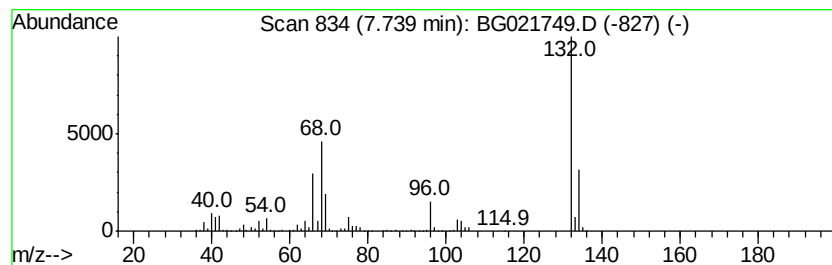
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 unknown7.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	98.62 ng	1173930	1,4-Dichlorobenzene-d4	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene, ...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



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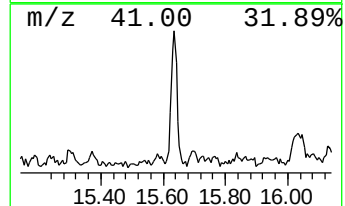
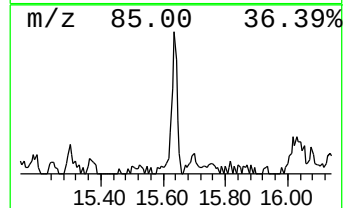
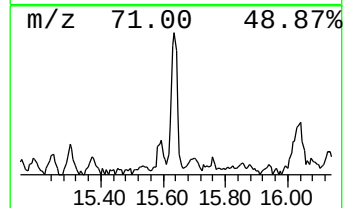
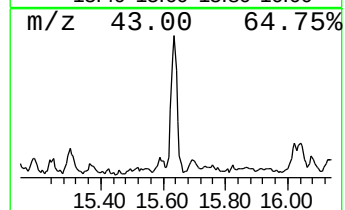
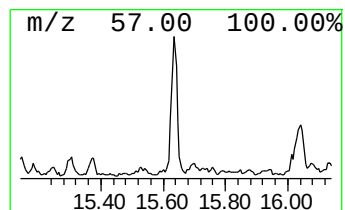
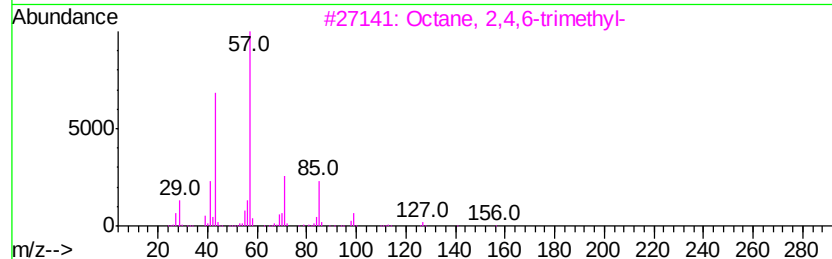
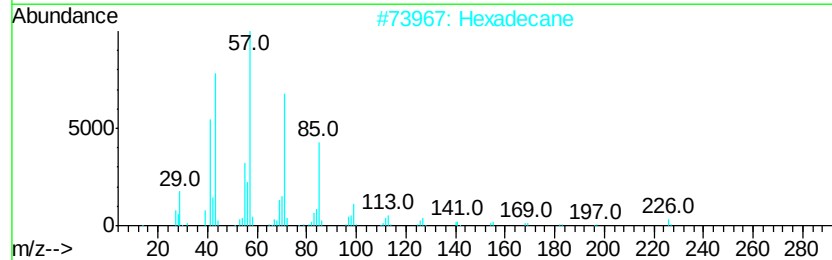
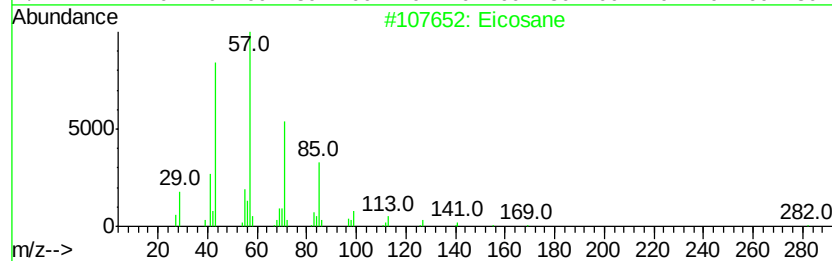
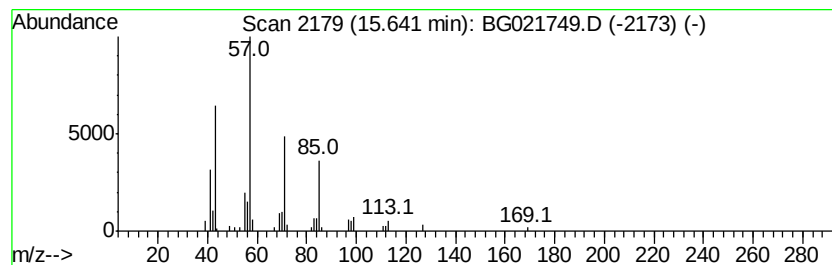
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	2.61 ng	60358	Acenaphthene-d10	14.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	87
2		Hexadecane	226	C16H34	000544-76-3	86
3		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86
4		Tetradecane	198	C14H30	000629-59-4	80
5		Nonadecane	268	C19H40	000629-92-5	78



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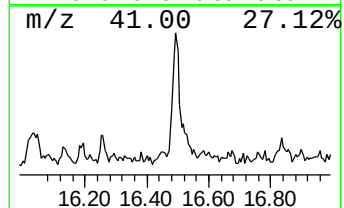
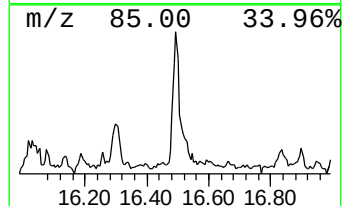
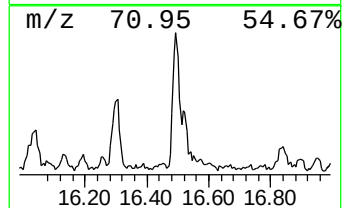
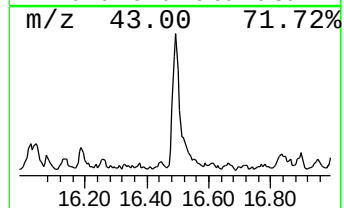
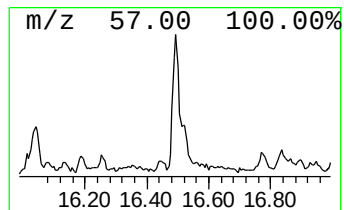
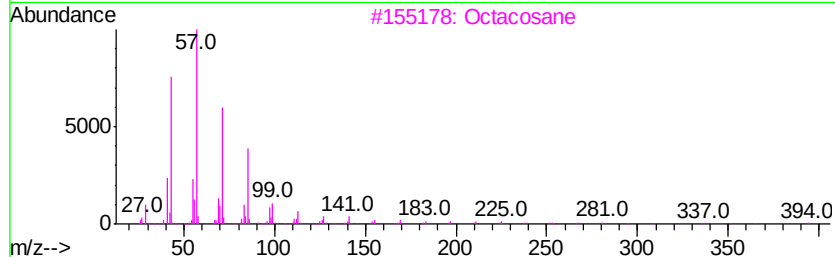
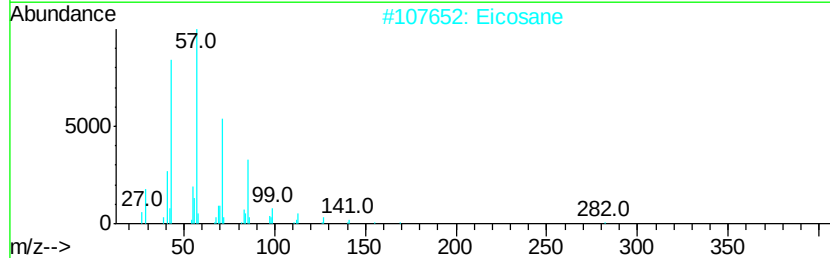
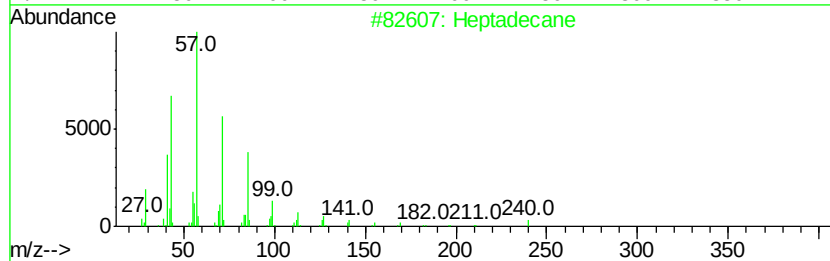
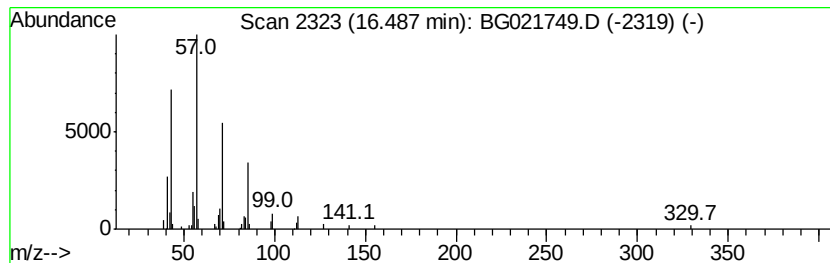
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	3.50 ng	88947	Phenanthrene-d10	17.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	93
2	Eicosane		282	C20H42	000112-95-8	91
3	Octacosane		394	C28H58	000630-02-4	90
4	Tetradecane		198	C14H30	000629-59-4	90
5	Hexadecane		226	C16H34	000544-76-3	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041916\
Data File : BG021749.D
Acq On : 19 Apr 2016 00:57
Operator : UM/SJ
Sample : H2537-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B8(15-17)

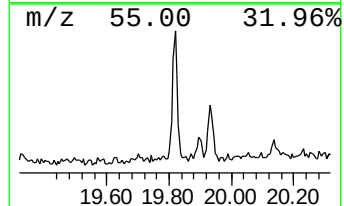
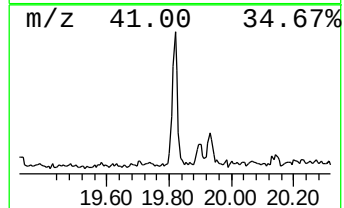
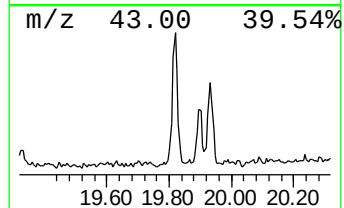
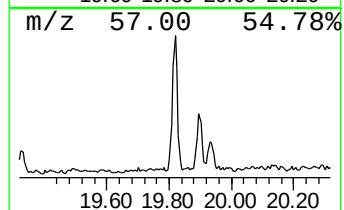
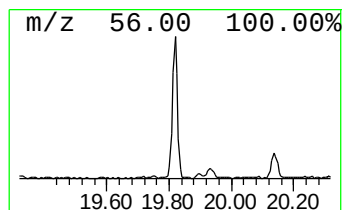
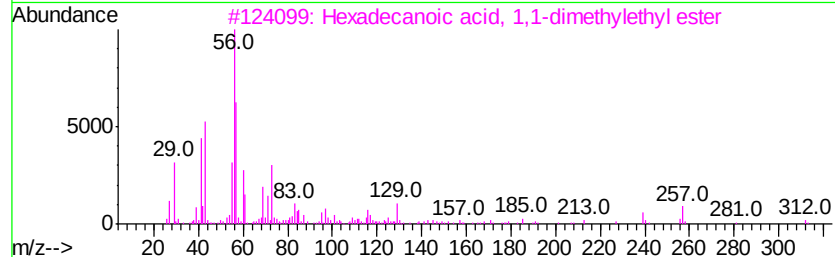
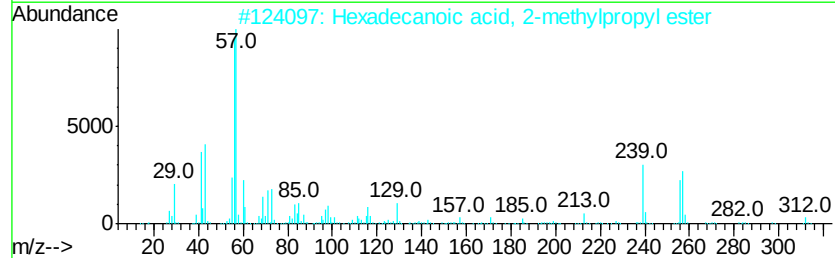
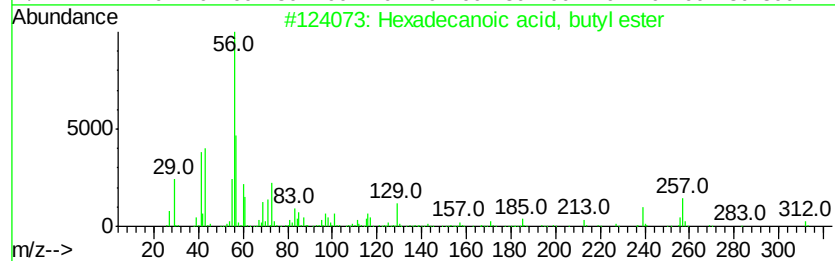
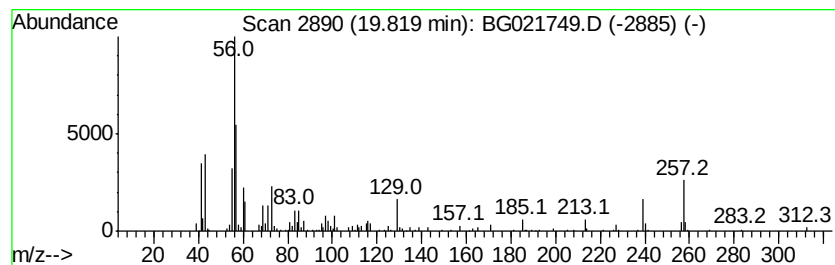
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	4.62 ng	146138	Chrysene-d12	21.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	98
2		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	87
3		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	60
4		Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	32
5		Cyclobutane, ethyl-	84	C6H12	004806-61-5	30



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041916\
Data File : BG021749.D
Acq On : 19 Apr 2016 00:57
Operator : UM/SJ
Sample : H2537-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B8(15-17)

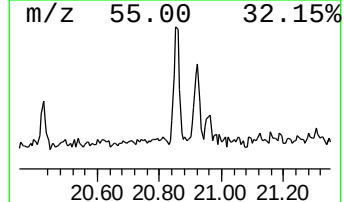
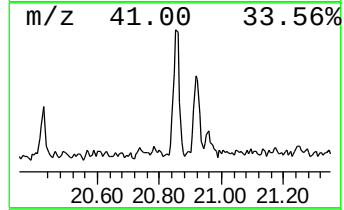
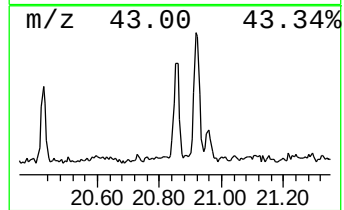
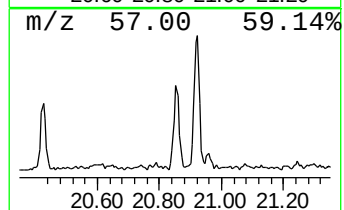
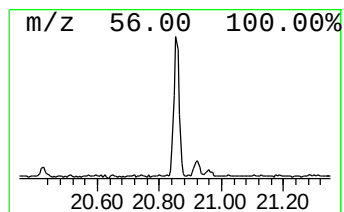
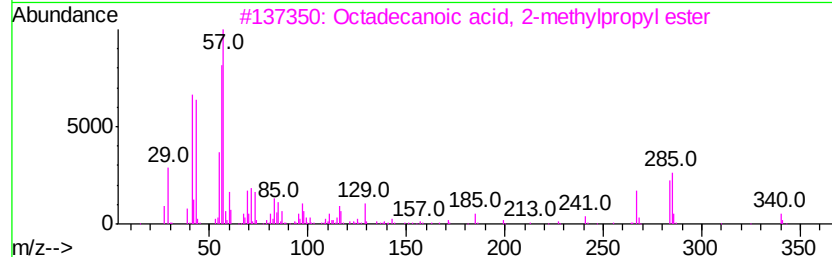
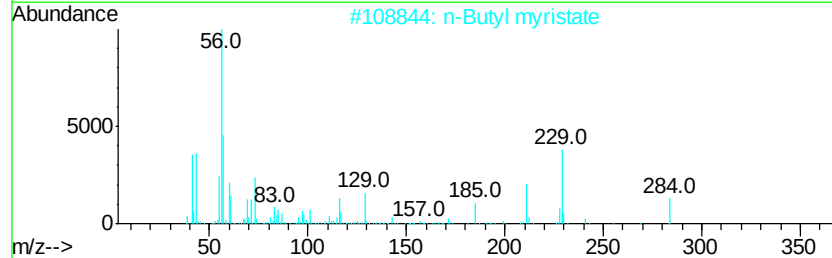
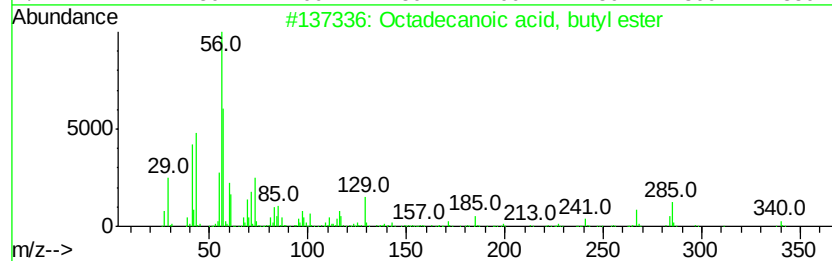
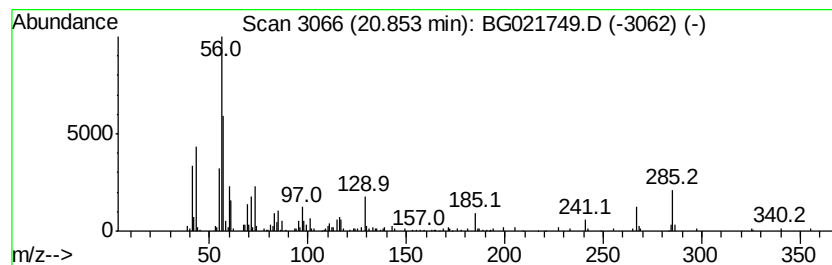
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	3.86 ng	122089	Chrysene-d12	21.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	87
2		n-Butyl myristate	284	C18H36O2	000110-36-1	74
3		Octadecanoic acid, 2-methylpropyl...	340	C22H44O2	000646-13-9	49
4		Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	35
5		Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041916\
Data File : BG021749.D
Acq On : 19 Apr 2016 00:57
Operator : UM/SJ
Sample : H2537-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B8(15-17)

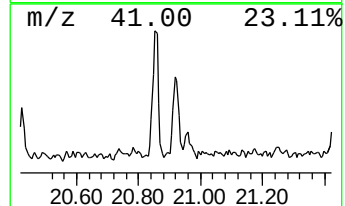
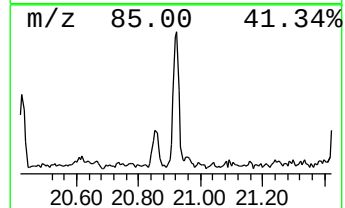
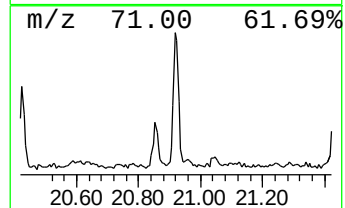
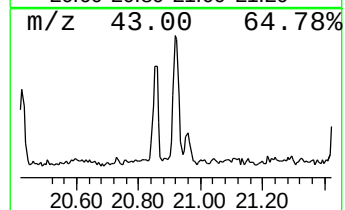
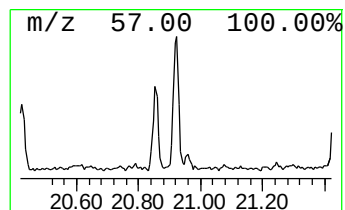
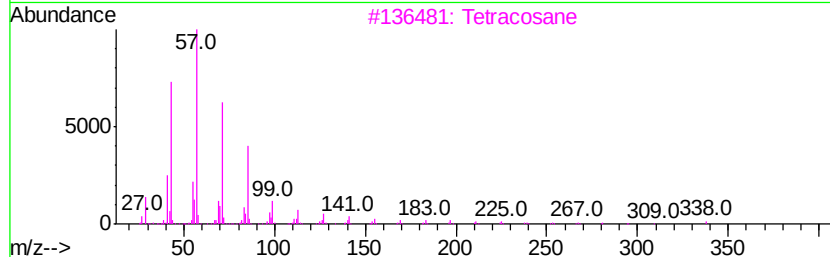
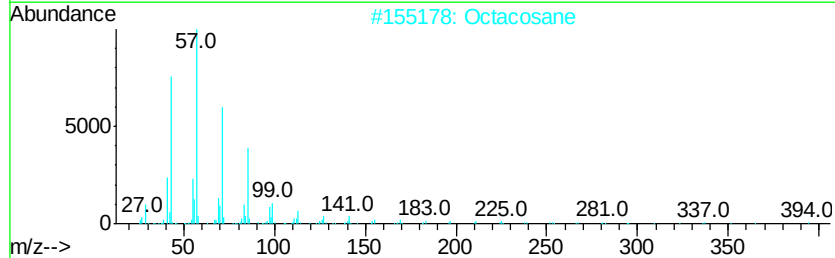
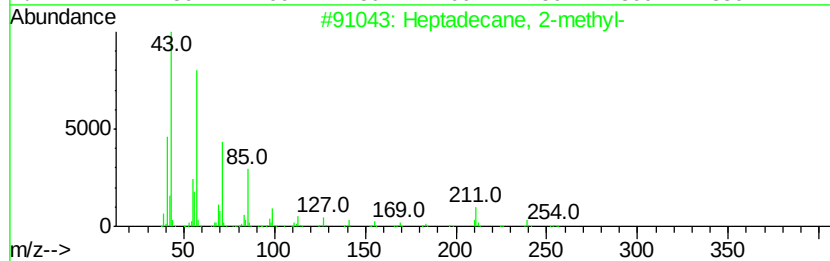
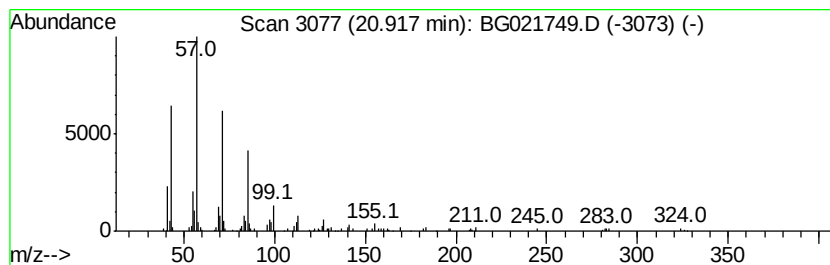
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.72 ng	86263	Chrysene-d12	21.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	93
2		Octacosane	394	C28H58	000630-02-4	87
3		Tetracosane	338	C24H50	000646-31-1	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041916\
Data File : BG021749.D
Acq On : 19 Apr 2016 00:57
Operator : UM/SJ
Sample : H2537-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B8(15-17)

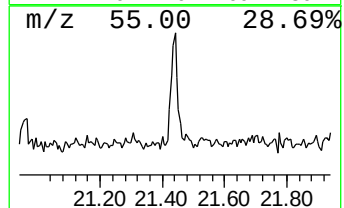
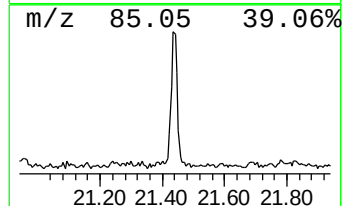
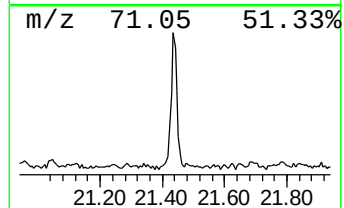
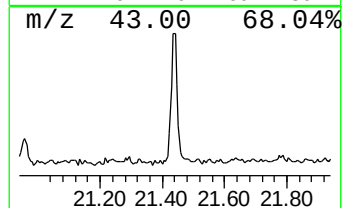
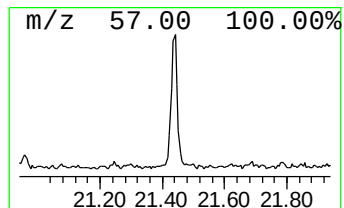
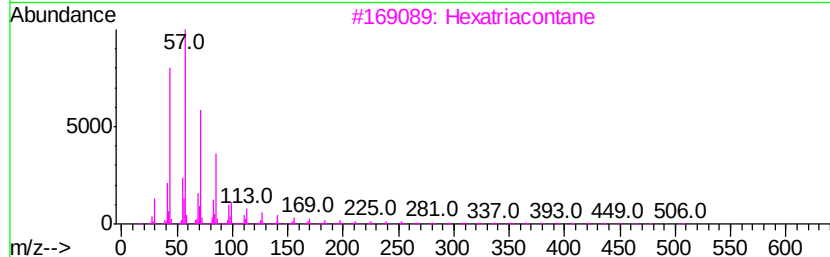
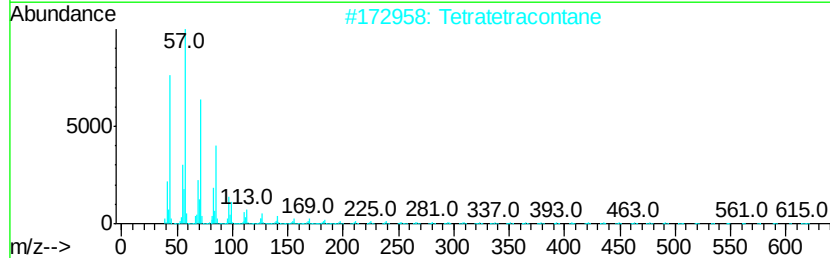
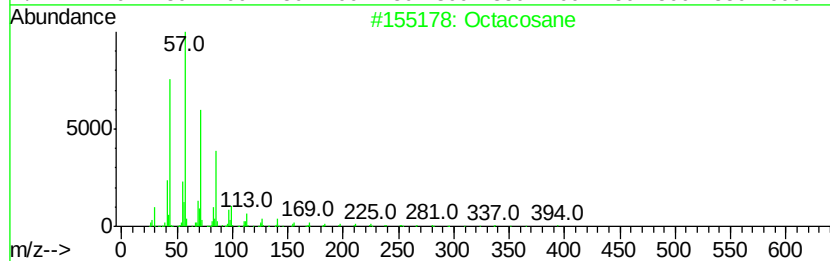
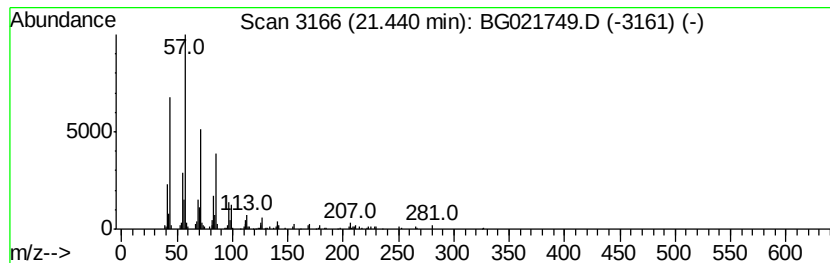
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	3.63 ng	115011	Chrysene-d12	21.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Hexatriacontane	507	C36H74	000630-06-8	87
4		Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	87
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041916\
Data File : BG021749.D
Acq On : 19 Apr 2016 00:57
Operator : UM/SJ
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Misc :
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Instrument :
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ClientSampleId :
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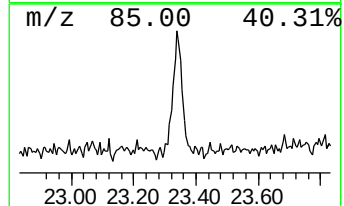
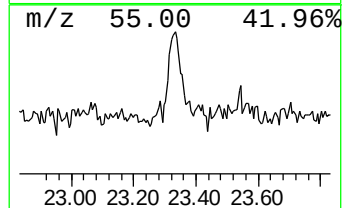
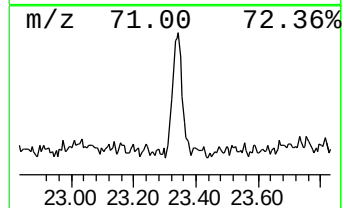
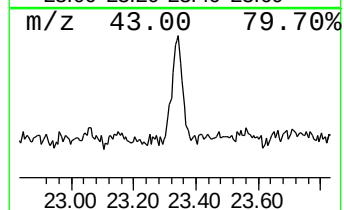
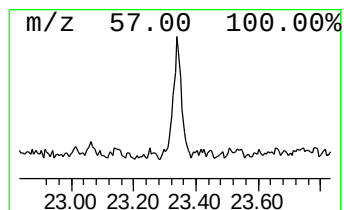
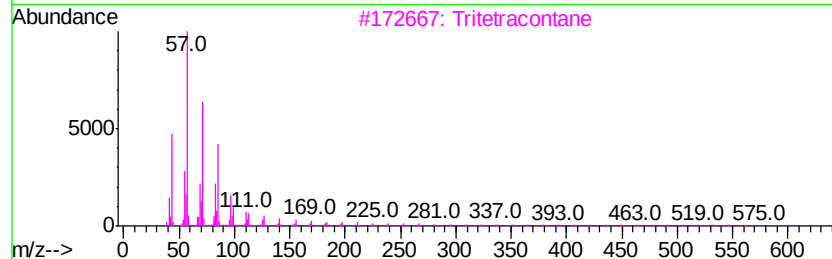
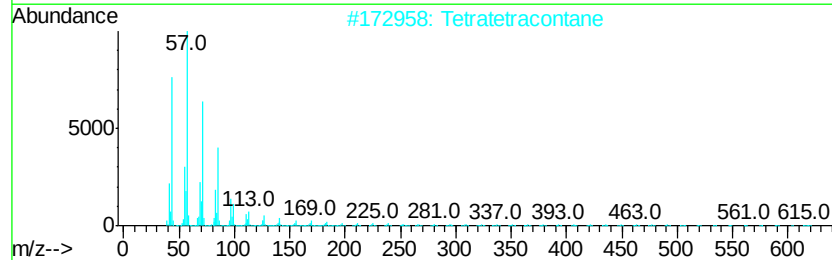
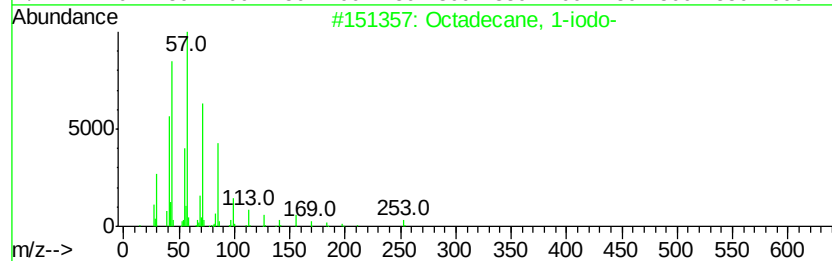
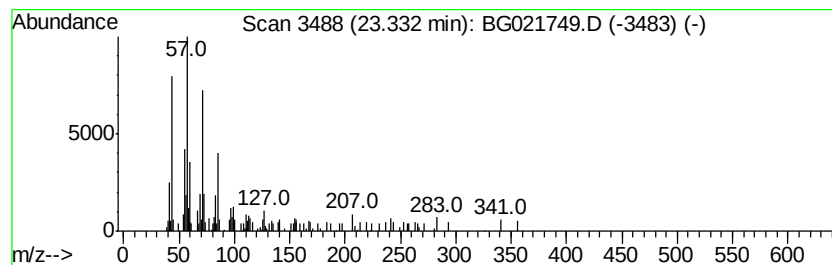
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown23.33 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.33	2.42 ng	76502	Chrysene-d12	21.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	46
2		Tetratetracontane	619	C44H90	007098-22-8	46
3		Tritetracontane	605	C43H88	007098-21-7	46
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	46
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	46



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041916\
Data File : BG021749.D
Acq On : 19 Apr 2016 00:57
Operator : UM/SJ
Sample : H2537-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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
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Propane, 1,1-dime...	3.36	3.3	ng	39172	1	8.21	238079	20.0
2-Pentanone, 4-hy...	5.29	6.5	ng	77675	1	8.21	238079	20.0
unknown7.74	7.74	98.6	ng	1173930	1	8.21	238079	20.0
Eicosane	15.64	2.6	ng	60358	3	14.82	462128	20.0
Heptadecane	16.49	3.5	ng	88947	4	17.56	508450	20.0
Hexadecanoic acid...	19.82	4.6	ng	146138	5	21.83	633152	20.0
Octadecanoic acid...	20.85	3.9	ng	122089	5	21.83	633152	20.0
Heptadecane, 2-me...	20.92	2.7	ng	86263	5	21.83	633152	20.0
Octacosane	21.44	3.6	ng	115011	5	21.83	633152	20.0
unknown23.33	23.33	2.4	ng	76502	5	21.83	633152	20.0