

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
 Data File : BG016440.D
 Acq On : 16 Apr 2015 3:08
 Operator : TP/IZ
 Sample : G1829-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-9D

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-BG040615.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	2.758	7	12	17	rBV	343870	487462	11.19%	1.862%
2	2.834	21	25	32	rVB	452732	547919	12.57%	2.092%
3	4.779	348	356	366	rBV	101554	144981	3.33%	0.554%
4	5.255	431	437	445	rBV	635627	897022	20.59%	3.426%
5	6.853	703	709	720	rVB	429247	680566	15.62%	2.599%
6	7.206	759	769	776	rBV	1192062	1866171	42.83%	7.127%
7	7.664	841	847	854	rVB	276128	420572	9.65%	1.606%
8	7.981	895	901	908	rVB	997756	1601236	36.75%	6.115%
9	8.821	1037	1044	1052	rBV	875660	1402851	32.19%	5.357%
10	9.961	1233	1238	1242	rBV3	24872	45325	1.04%	0.173%
11	10.449	1315	1321	1329	rBV	418593	702454	16.12%	2.683%
12	11.095	1425	1431	1440	rVB	61570	110747	2.54%	0.423%
13	11.771	1542	1546	1557	rVB	25745	44026	1.01%	0.168%
14	12.928	1736	1743	1750	rBV	2495817	3560421	81.71%	13.597%
15	13.769	1882	1886	1894	rBV2	41219	59474	1.36%	0.227%
16	14.309	1970	1978	1987	rBV2	711120	1076040	24.69%	4.109%
17	15.672	2204	2210	2216	rBV	92630	137117	3.15%	0.524%
18	15.802	2225	2232	2240	rBV	1655927	2323043	53.31%	8.871%
19	17.053	2439	2445	2450	rBV2	856063	1210174	27.77%	4.622%
20	17.946	2593	2597	2606	rBV	239853	373511	8.57%	1.426%
21	19.086	2787	2791	2793	rBV2	95711	122446	2.81%	0.468%
22	19.233	2812	2816	2822	rBV	146348	198827	4.56%	0.759%
23	19.491	2857	2860	2866	rVB	69702	87850	2.02%	0.335%
24	19.679	2887	2892	2903	rVB	3446914	4357507	100.00%	16.641%
25	20.349	3003	3006	3008	rBV2	51873	61654	1.41%	0.235%
26	20.478	3024	3028	3033	rBV2	110150	166049	3.81%	0.634%
27	20.943	3104	3107	3119	rBV	220231	264658	6.07%	1.011%
28	21.142	3138	3141	3146	rBV	160524	183392	4.21%	0.700%
29	21.230	3151	3156	3161	rBV	949667	1166083	26.76%	4.453%
30	21.377	3178	3181	3184	rBV	143925	143790	3.30%	0.549%
31	21.806	3251	3254	3260	rVB	124414	139656	3.20%	0.533%
32	22.265	3329	3332	3340	rVB	116719	168461	3.87%	0.643%
33	22.394	3351	3354	3359	rVB	82595	103379	2.37%	0.395%
34	22.770	3415	3418	3423	rVB	89014	109379	2.51%	0.418%

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TE-PMW-9D

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	23.334	3511	3514	3520	rVB2	65266	99487	2.28%	0.380%
36	23.457	3529	3535	3546	rVB2	609107	1121782	25.74%	4.284%

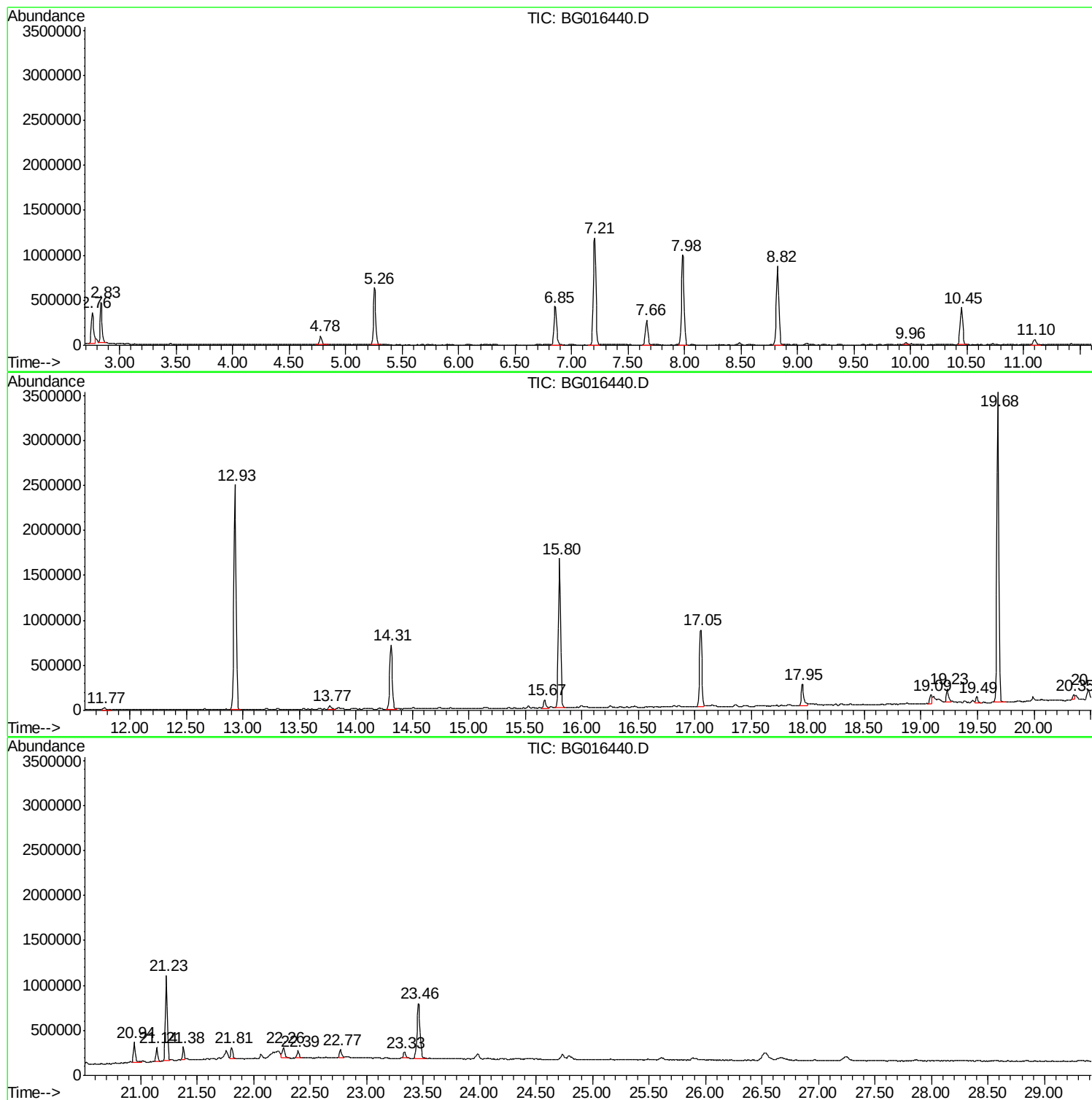
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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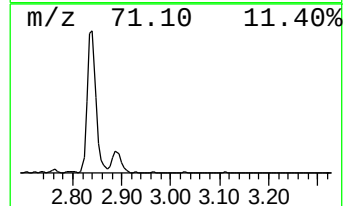
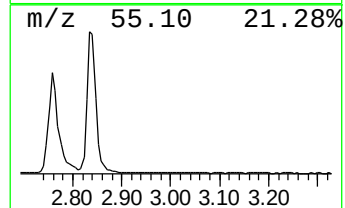
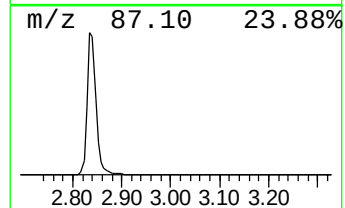
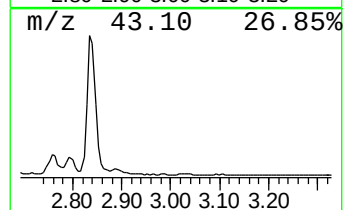
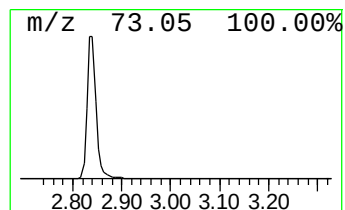
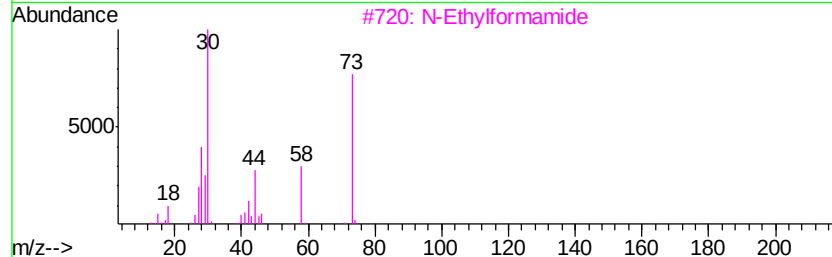
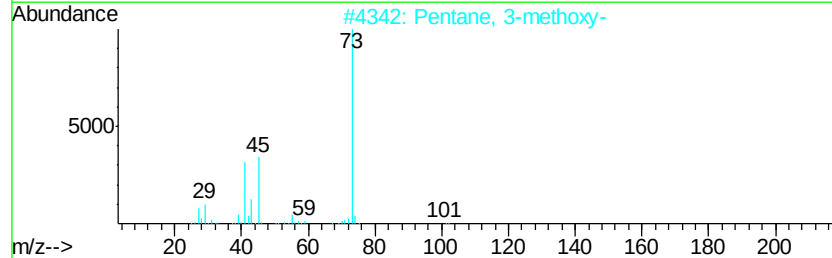
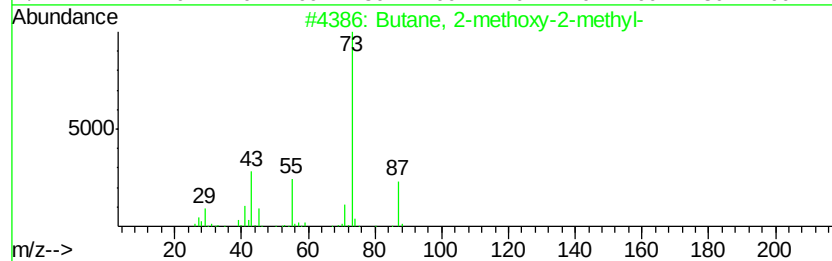
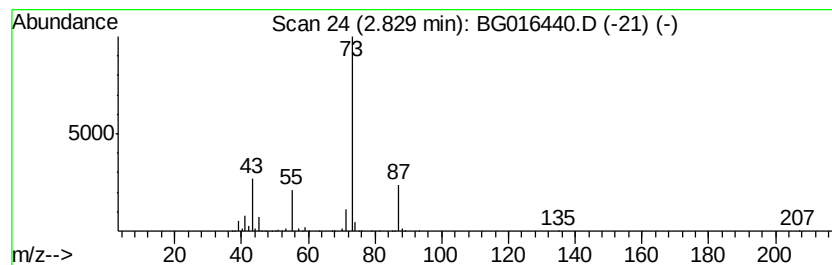
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.83	26.06 ng	547919	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	7



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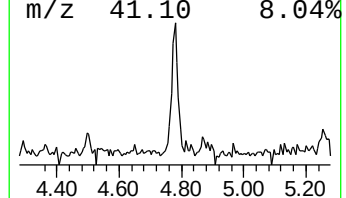
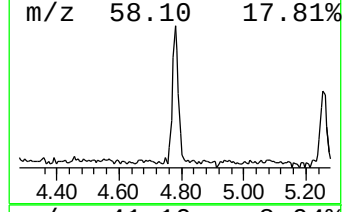
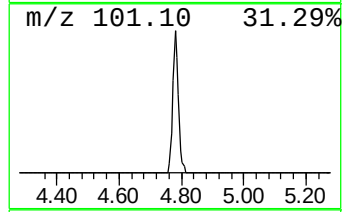
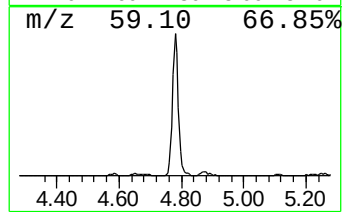
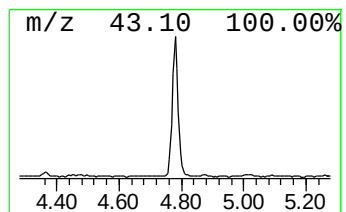
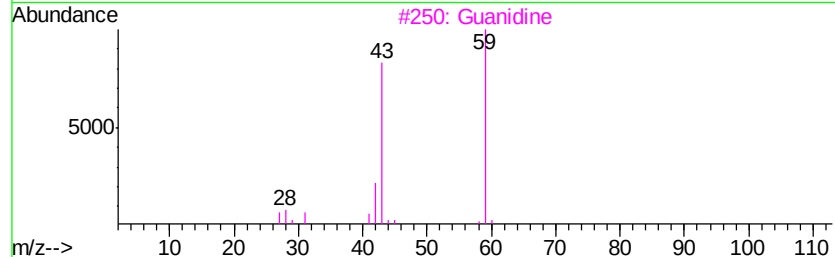
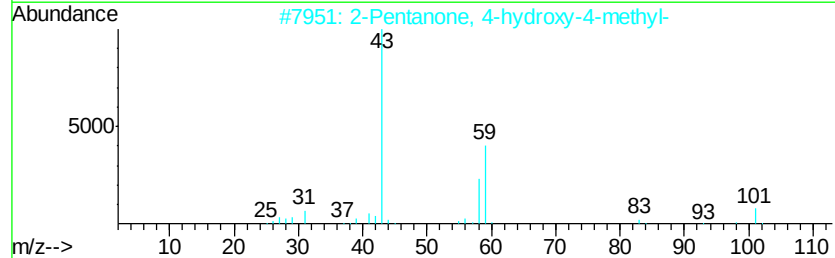
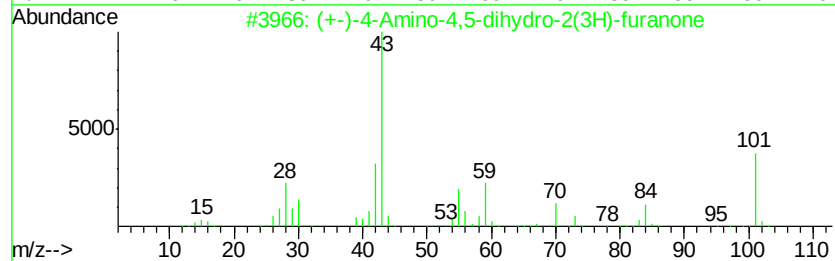
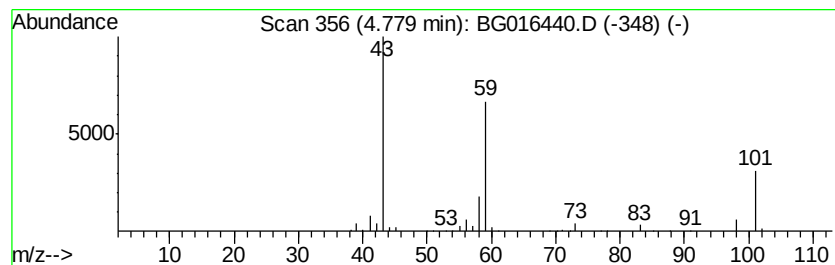
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown4.78 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	6.89 ng	144981	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-	4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3		Guanidine	59	CH5N3	000113-00-8	37
4		Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	35
5		2-Butanol, 1-methoxy-	104	C5H12O2	053778-73-7	23



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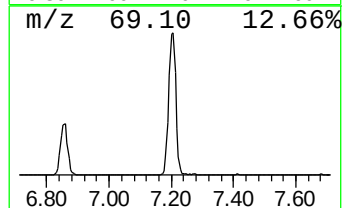
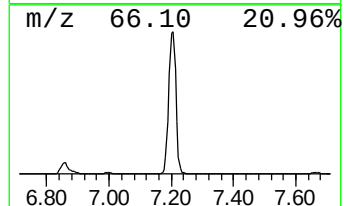
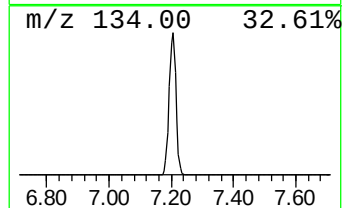
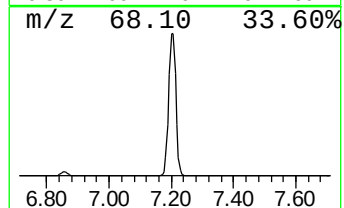
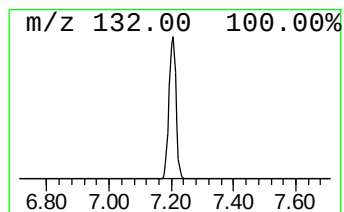
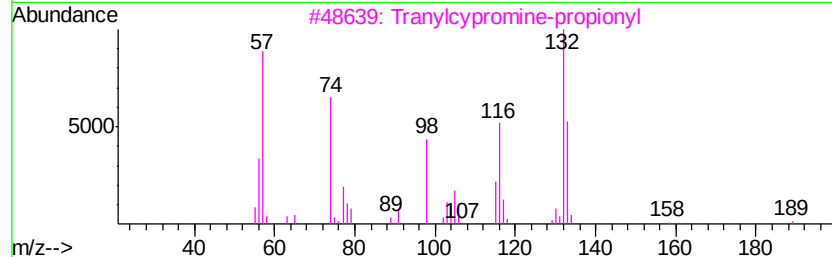
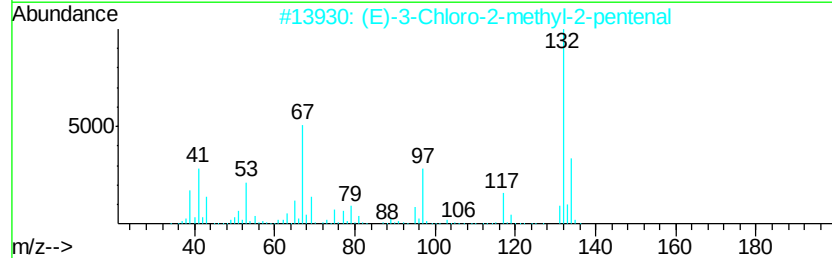
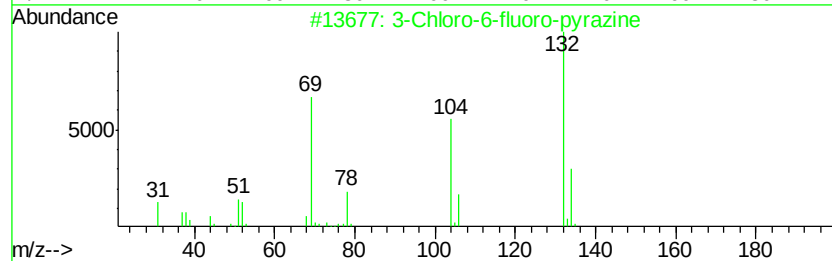
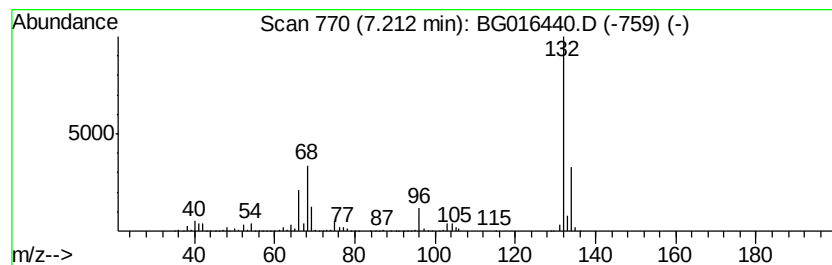
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.21 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	88.74 ng	1866170	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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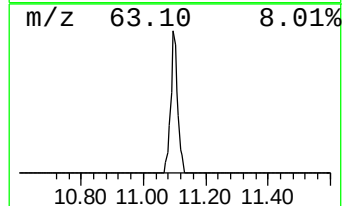
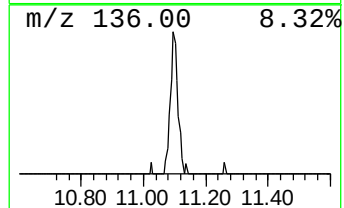
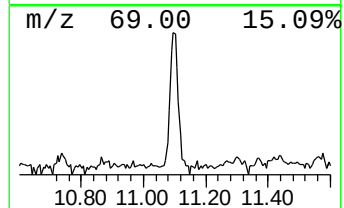
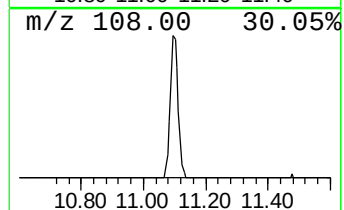
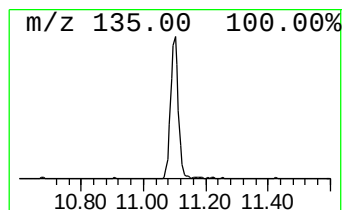
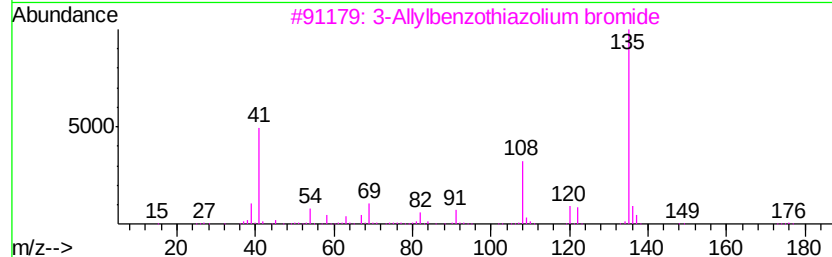
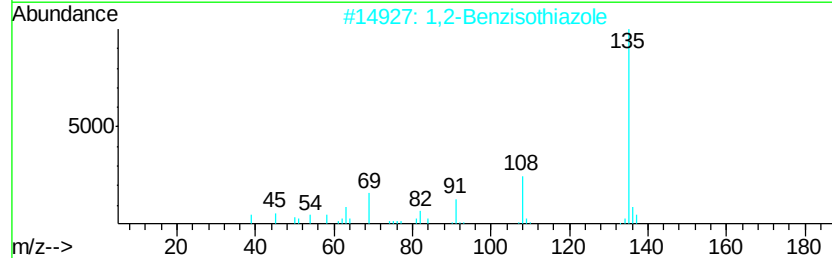
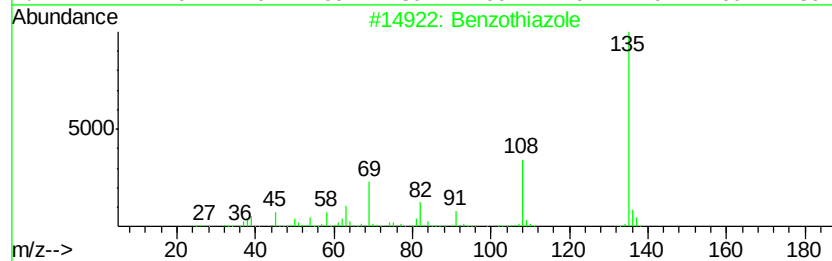
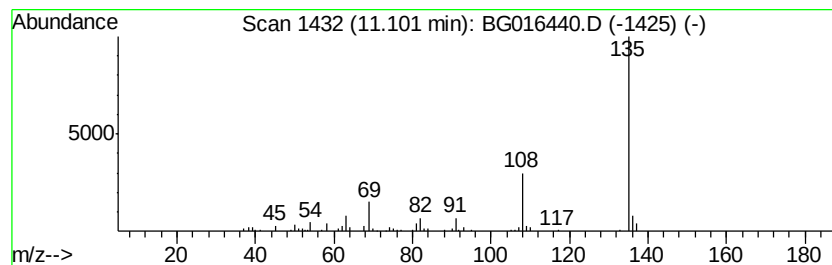
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzothiazole Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.10	3.15 ng	110747	Naphthalene-d8	10.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole	135	C7H5NS	000095-16-9	95
2	1,2-Benzisothiazole	135	C7H5NS	000272-16-2	90
3	3-Allylbenzothiazolium bromide	255	C10H10BrNS	016407-55-9	90
4	Thieno[2,3-c]pyridine	135	C7H5NS	000272-12-8	74
5	4-Aminopyrazolo(3,4-d)pyrimidine	135	C5H5N5	020289-44-5	64



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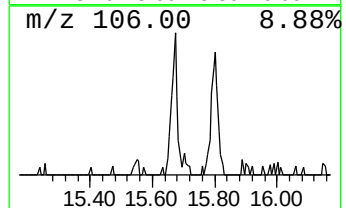
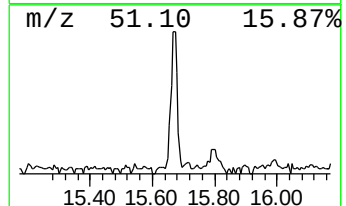
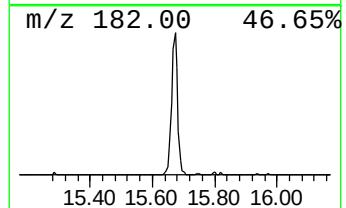
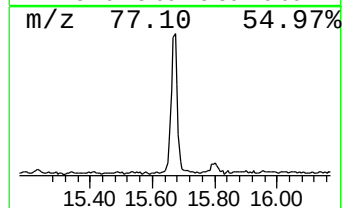
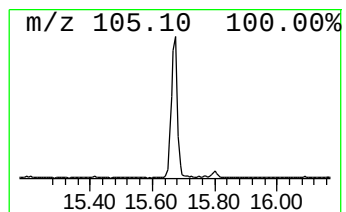
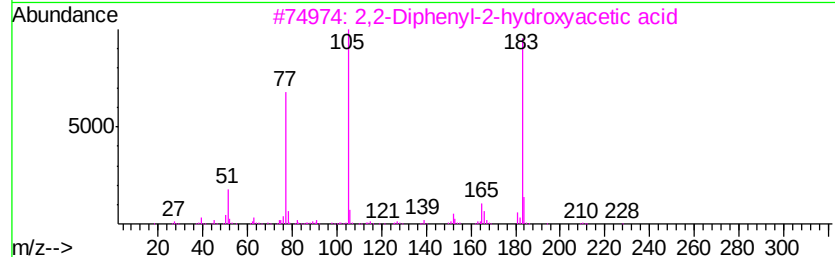
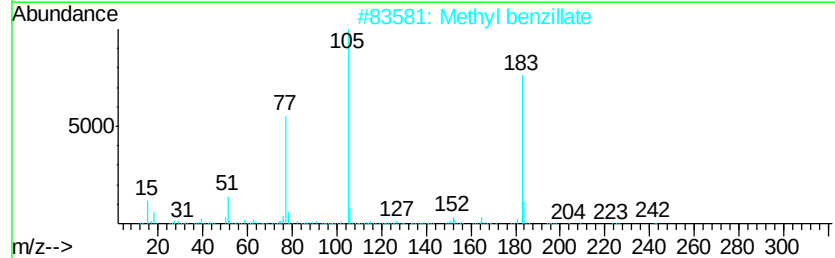
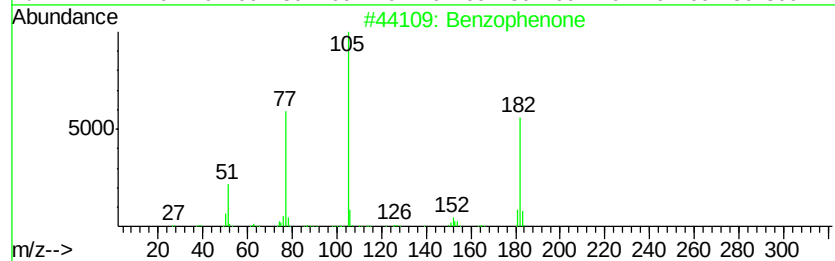
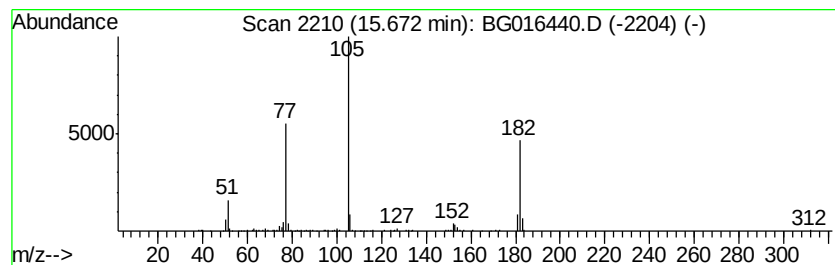
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzophenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	2.55 ng	137117	Acenaphthene-d10	14.31
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzophenone	182 C13H10O	000119-61-9 96
2		Methyl benzillate	242 C15H14O3	000076-89-1 50
3		2,2-Diphenyl-2-hydroxyacetic acid	228 C14H12O3	000076-93-7 50
4		2-(2-Oxo-2-phenyl-ethyl)-malonon...	184 C11H8N2O	1000296-76-9 43
5		Ethanone, 2,2,2-trifluoro-1-phenyl-	174 C8H5F3O	000434-45-7 38



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Misc :
ALS Vial : 5 Sample Multiplier: 1

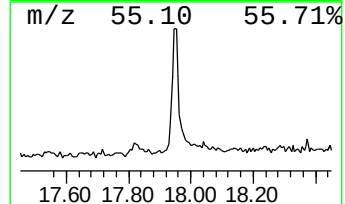
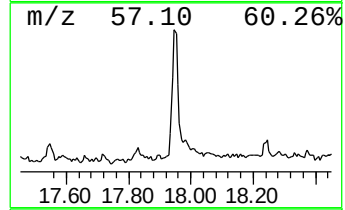
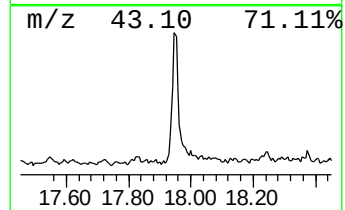
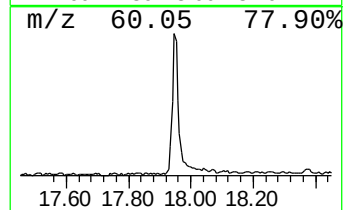
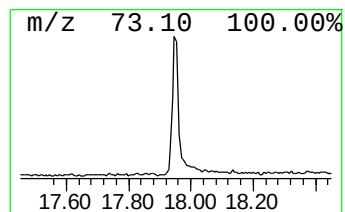
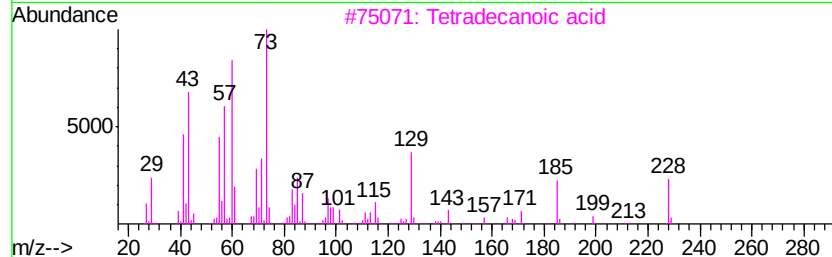
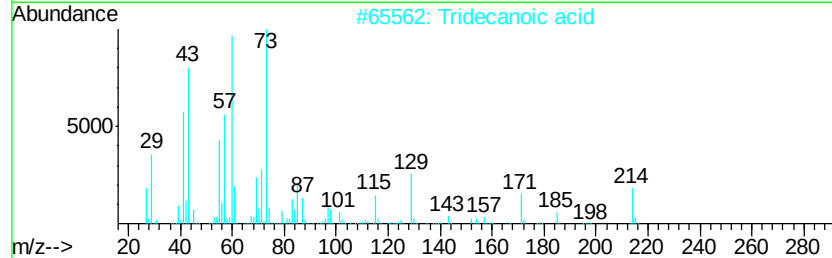
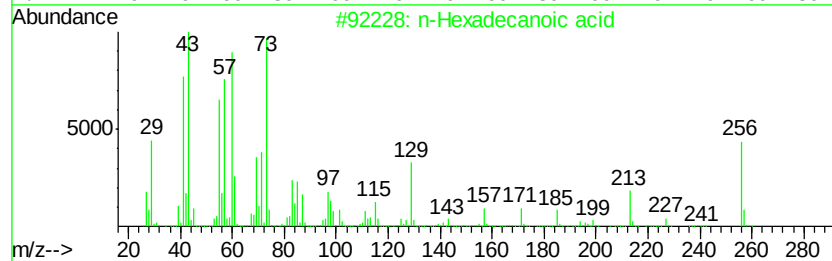
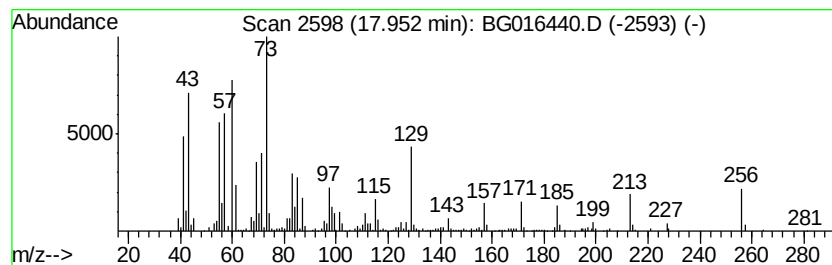
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ClientSampleId :
TE-PMW-9D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.95	6.17 ng	373511	Phenanthrene-d10		17.05	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	87
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5		Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016440.D
Acq On : 16 Apr 2015 3:08
Operator : TP/IZ
Sample : G1829-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

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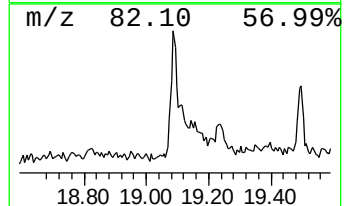
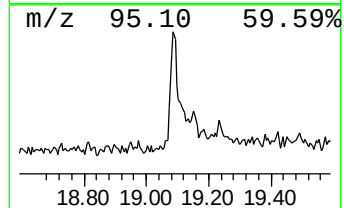
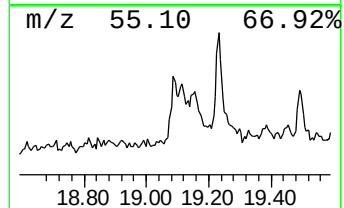
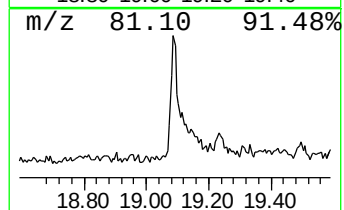
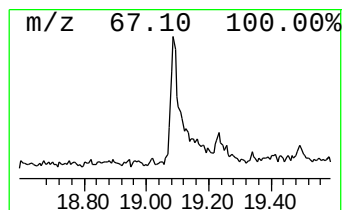
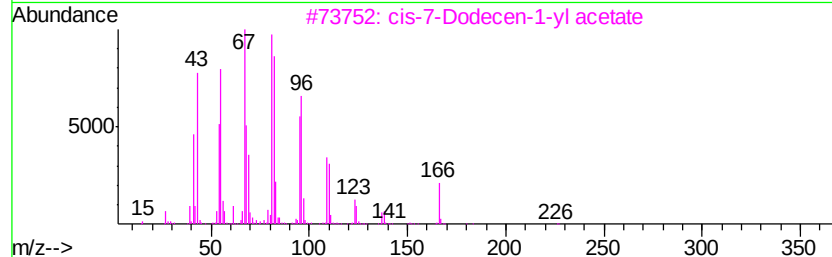
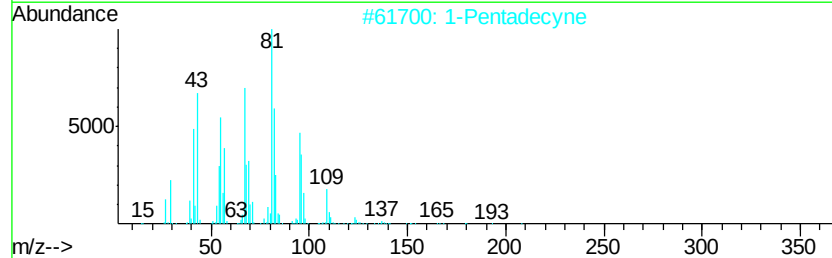
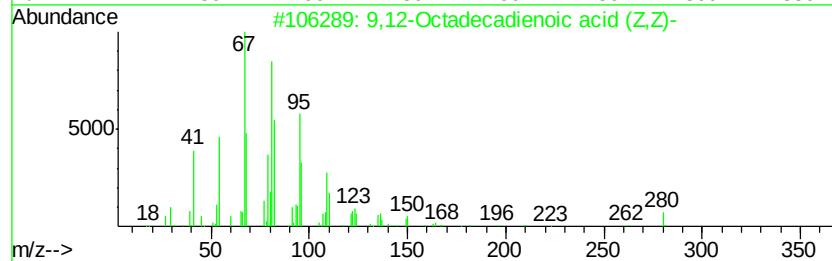
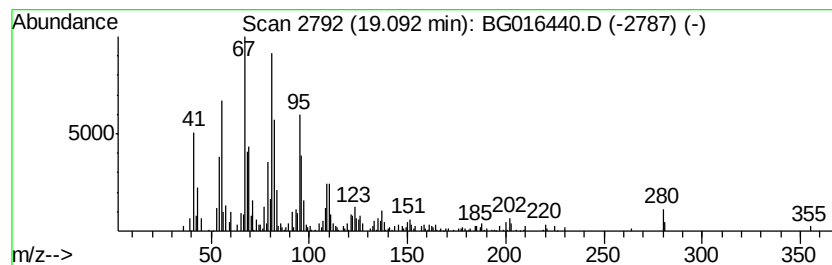
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,12-Octadecadienoic acid (... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	2.02 ng	122446	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2		1-Pentadecyne	208	C15H28	000765-13-9	91
3		cis-7-Dodecen-1-yl acetate	226	C14H26O2	014959-86-5	91
4		1,4-Ethanonaphthalene, decahydro-	164	C12H20	000703-34-4	84
5		Cycloundecene, 1-methyl-	166	C12H22	088828-82-4	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
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Acq On : 16 Apr 2015 3:08
Operator : TP/IZ
Sample : G1829-17
Misc :
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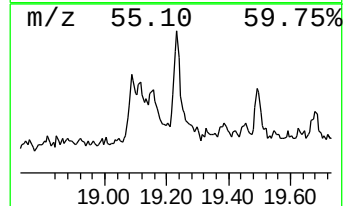
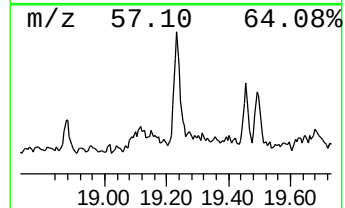
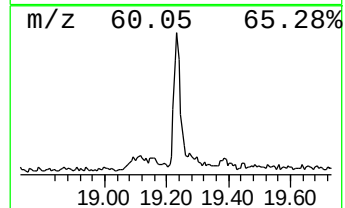
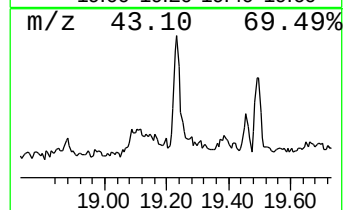
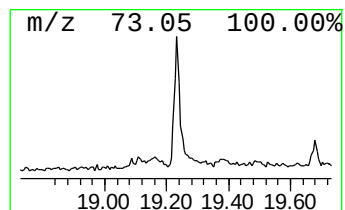
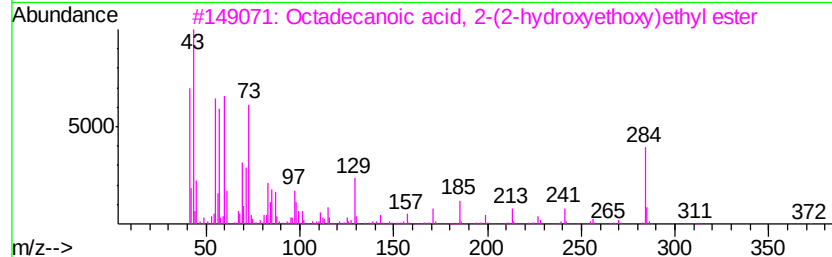
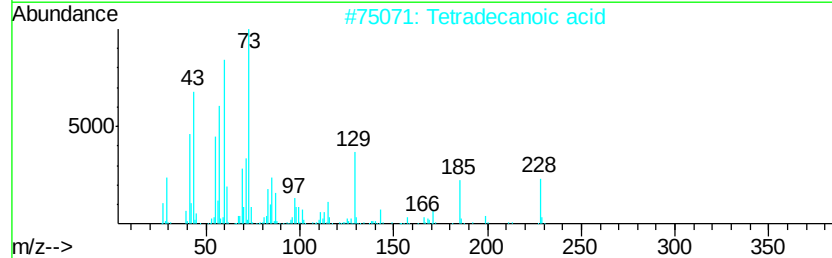
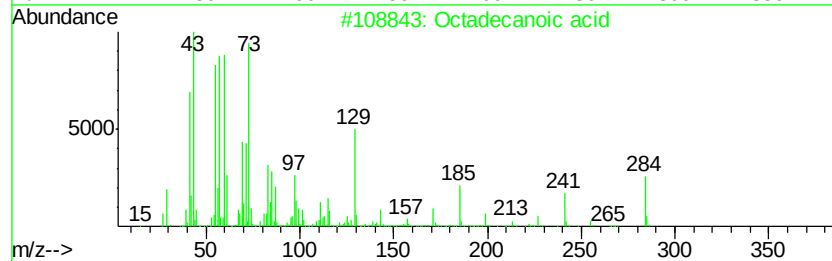
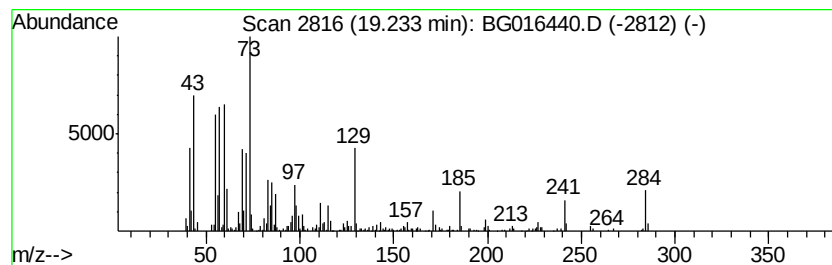
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	3.41 ng	198827	Chrysene-d12	21.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanoic acid	284 C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228 C14H28O2	000544-63-8	91
3	Octadecanoic acid, 2-(2-hydroxye...	372 C22H44O4	000106-11-6	72
4	Tridecanoic acid	214 C13H26O2	000638-53-9	62
5	n-Decanoic acid	172 C10H20O2	000334-48-5	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
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Acq On : 16 Apr 2015 3:08
Operator : TP/IZ
Sample : G1829-17
Misc :
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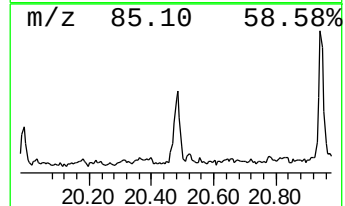
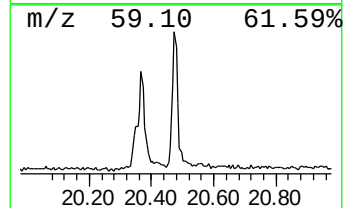
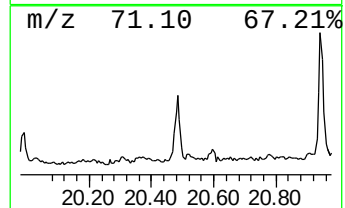
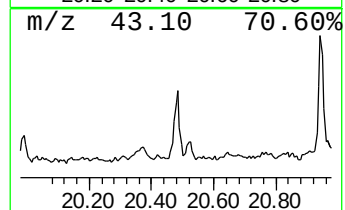
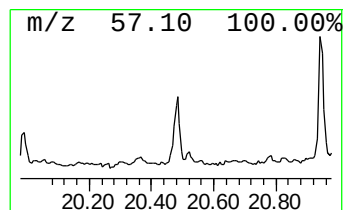
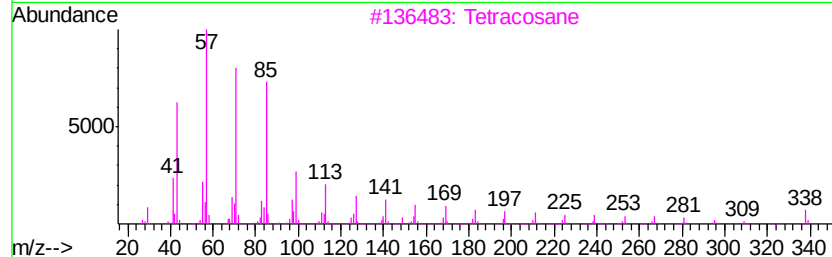
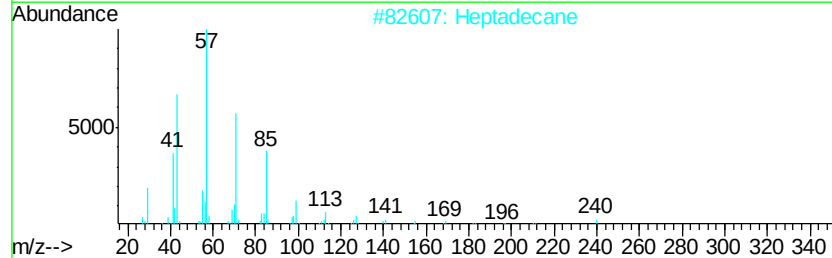
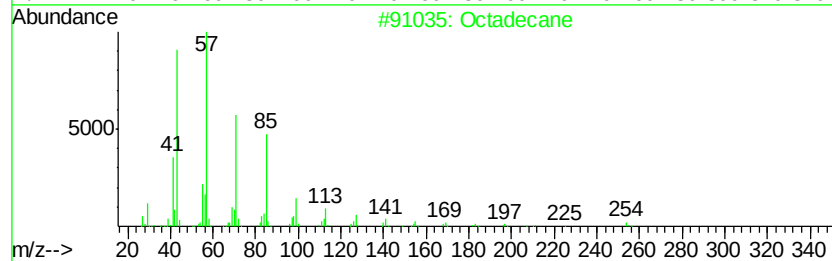
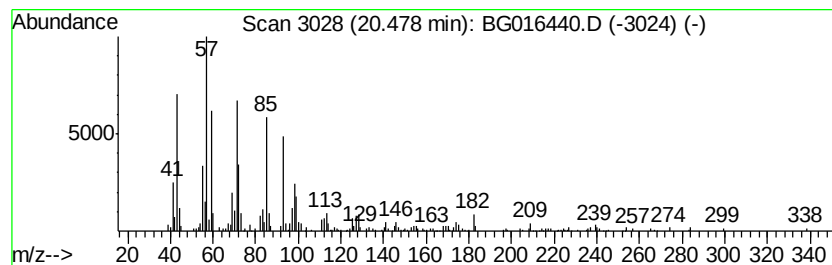
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.48	2.85 ng	166049	Chrysene-d12		21.23	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	53
2		Heptadecane	240	C17H36	000629-78-7	46
3		Tetracosane	338	C24H50	000646-31-1	46
4		Heneicosane	296	C21H44	000629-94-7	43
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	41



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016440.D
Acq On : 16 Apr 2015 3:08
Operator : TP/IZ
Sample : G1829-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

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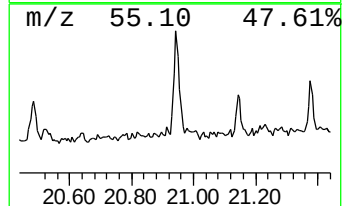
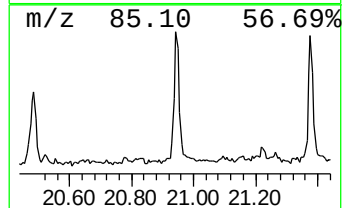
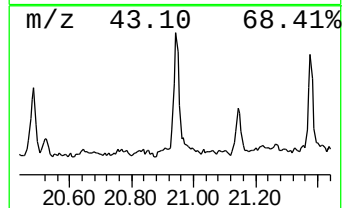
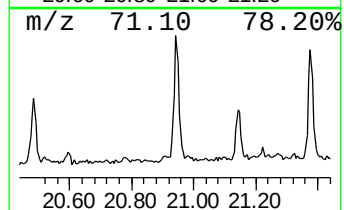
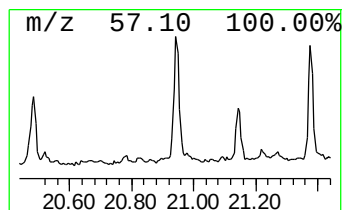
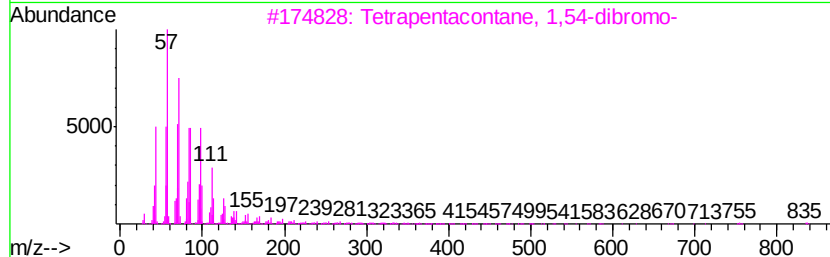
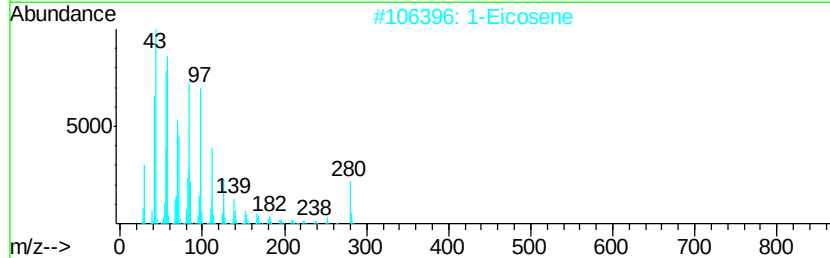
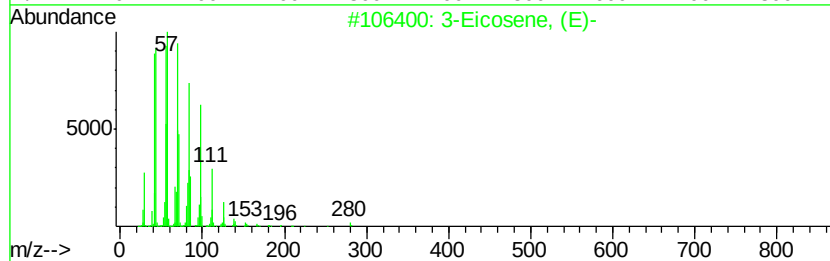
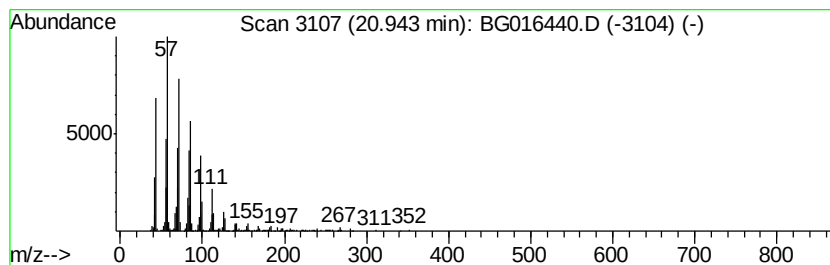
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 3-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	4.54 ng	264658	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2		1-Eicosene	280	C20H40	003452-07-1	90
3		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	90
4		Hexadecane	226	C16H34	000544-76-3	78
5		Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
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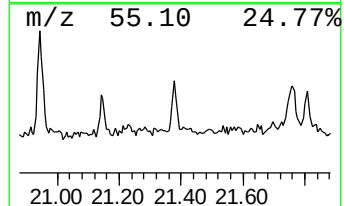
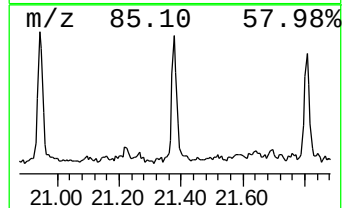
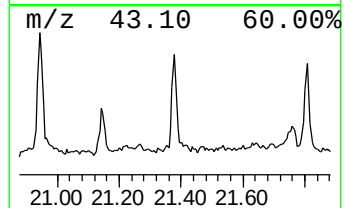
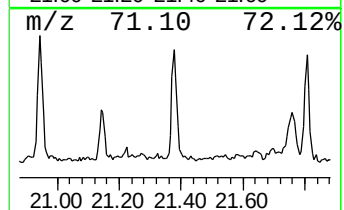
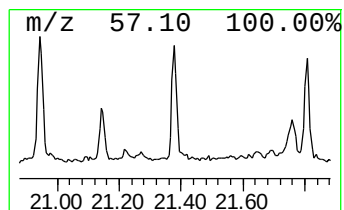
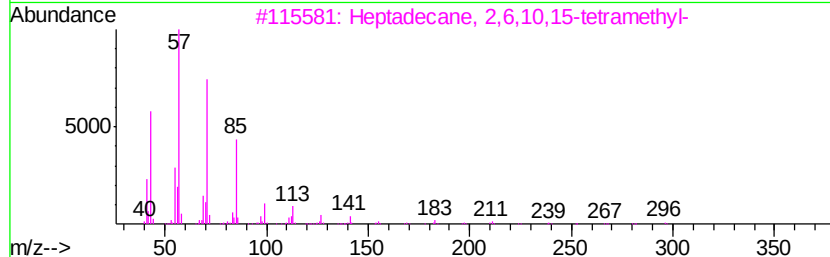
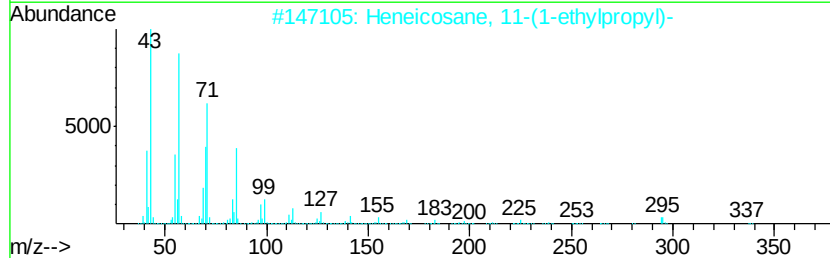
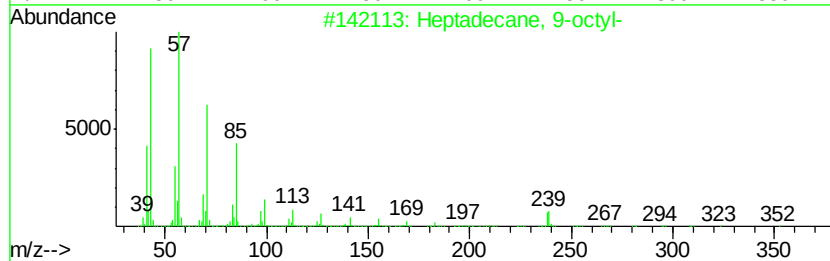
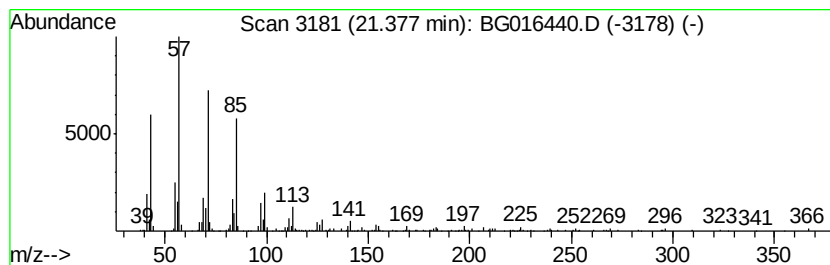
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane, 9-octyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.38	2.47 ng	143790	Chrysene-d12	21.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptadecane, 9-octyl-	352 C25H52	007225-64-1 91
2		Heneicosane, 11-(1-ethylpropyl)-	366 C26H54	055282-11-6 91
3		Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6 90
4		Dodecane, 2-methyl-	184 C13H28	001560-97-0 90
5		Pentadecane, 8-heptyl-	310 C22H46	071005-15-7 87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016440.D
Acq On : 16 Apr 2015 3:08
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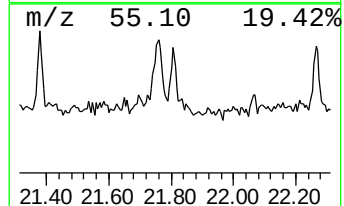
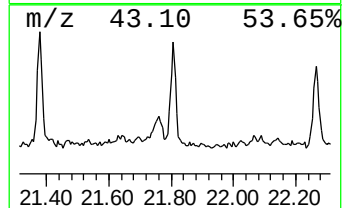
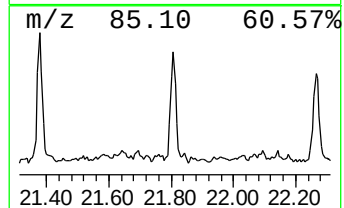
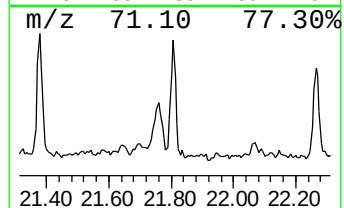
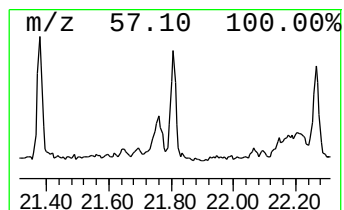
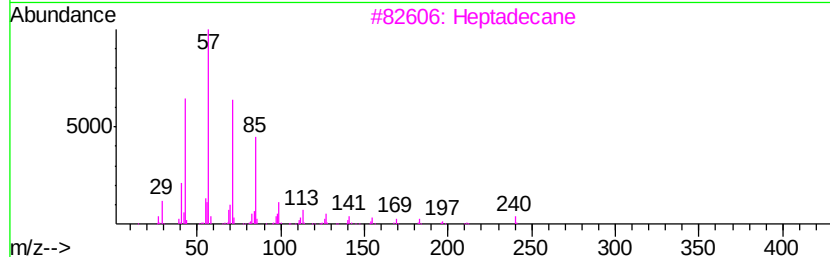
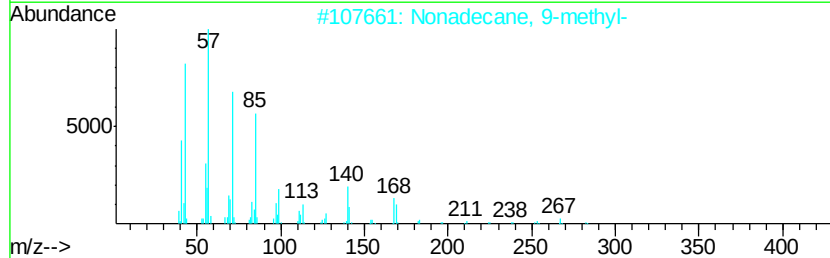
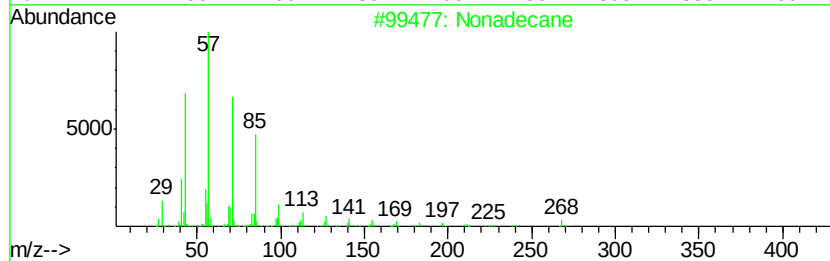
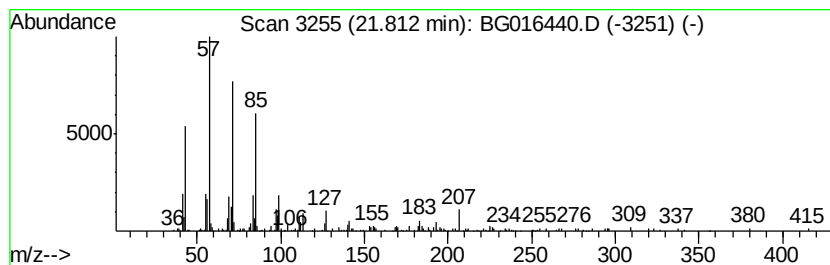
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Nonadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.81	2.40 ng	139656	Chrysene-d12	21.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonadecane	268 C19H40	000629-92-5	95
2	Nonadecane, 9-methyl-	282 C20H42	013287-24-6	94
3	Heptadecane	240 C17H36	000629-78-7	91
4	Triacontane	422 C30H62	000638-68-6	91
5	Heneicosane, 11-(1-ethylpropyl)-	366 C26H54	055282-11-6	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016440.D
Acq On : 16 Apr 2015 3:08
Operator : TP/IZ
Sample : G1829-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

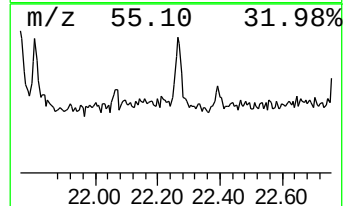
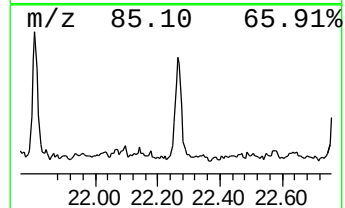
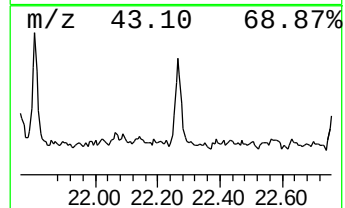
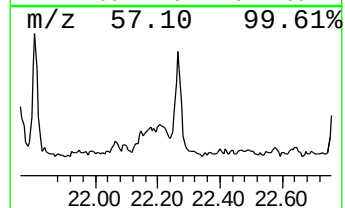
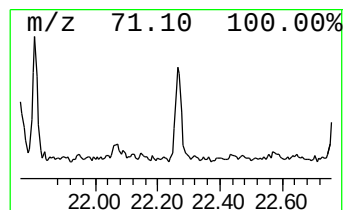
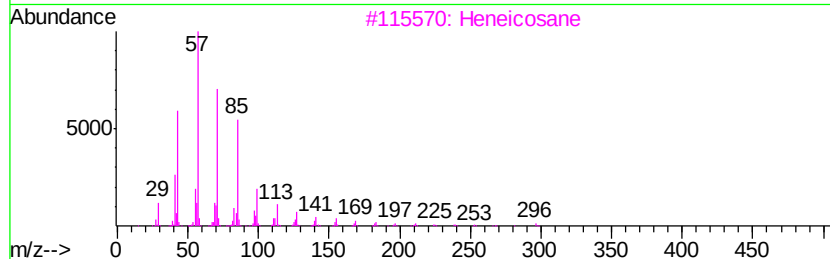
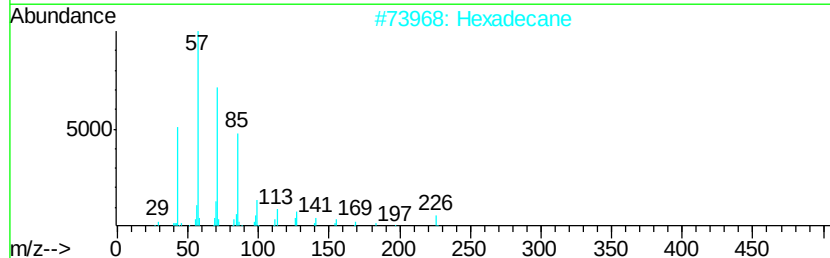
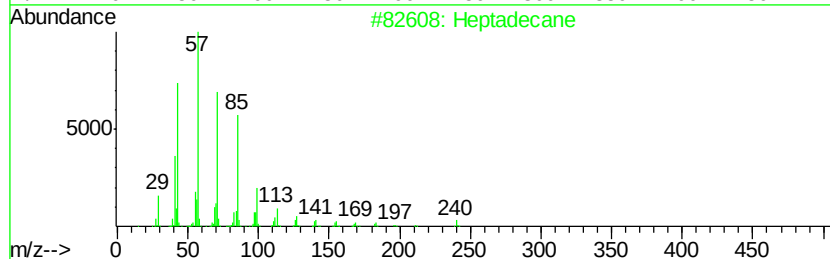
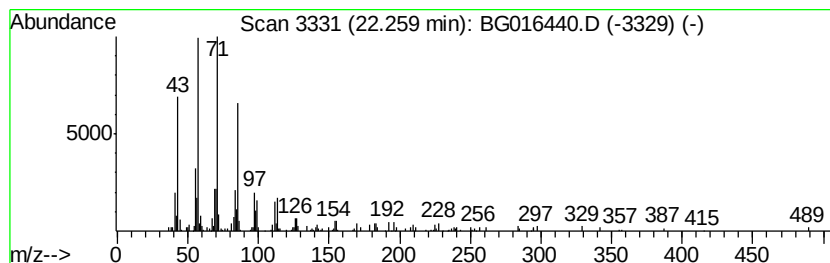
Instrument :
BNA_G
ClientSampleId :
TE-PMW-9D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	2.89 ng	168461	Chrysene-d12	21.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	97
2	Hexadecane	226 C16H34	000544-76-3	95
3	Heneicosane	296 C21H44	000629-94-7	91
4	Eicosane	282 C20H42	000112-95-8	91
5	Nonadecane, 9-methyl-	282 C20H42	013287-24-6	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016440.D
Acq On : 16 Apr 2015 3:08
Operator : TP/IZ
Sample : G1829-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TE-PMW-9D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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...	2.83	26.1	ng	547919	1	7.66	420572	20.0
unknown4.78	4.78	6.9	ng	144981	1	7.66	420572	20.0
unknown7.21	7.21	88.7	ng	1866170	1	7.66	420572	20.0
Benzothiazole	11.10	3.1	ng	110747	2	10.45	702454	20.0
Benzophenone	15.67	2.5	ng	137117	3	14.31	1076040	20.0
n-Hexadecanoic acid	17.95	6.2	ng	373511	4	17.05	1210170	20.0
9,12-Octadecadien...	19.09	2.0	ng	122446	4	17.05	1210170	20.0
Octadecanoic acid	19.23	3.4	ng	198827	5	21.23	1166080	20.0
Octadecane	20.48	2.9	ng	166049	5	21.23	1166080	20.0
3-Eicosene, (E)-	20.94	4.5	ng	264658	5	21.23	1166080	20.0
Heptadecane, 9-oc...	21.38	2.5	ng	143790	5	21.23	1166080	20.0
Nonadecane	21.81	2.4	ng	139656	5	21.23	1166080	20.0
Heptadecane	22.26	2.9	ng	168461	5	21.23	1166080	20.0