

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019909.D
 Acq On : 4 Dec 2015 17:44
 Operator : UM/NP
 Sample : G4642-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-03

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-BG120215.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	5.187	396	400	410	rVB	37826	58415	3.20%	0.469%
2	5.657	474	480	489	rBV	141480	225017	12.31%	1.808%
3	7.255	746	752	763	rVB2	90671	172566	9.44%	1.386%
4	7.643	810	818	825	rBV	288577	488220	26.71%	3.922%
5	8.119	892	899	906	rBV	100684	169979	9.30%	1.366%
6	8.442	947	954	962	rVB	302699	508376	27.82%	4.084%
7	9.283	1088	1097	1108	rBV	261745	462536	25.31%	3.716%
8	10.934	1369	1378	1386	rBV	148316	261801	14.32%	2.103%
9	13.372	1785	1793	1803	rBV	787184	1223439	66.94%	9.829%
10	14.194	1927	1933	1941	rBV	58520	86224	4.72%	0.693%
11	14.635	2004	2008	2012	rVB2	25589	33511	1.83%	0.269%
12	14.747	2017	2027	2036	rBV2	267210	430251	23.54%	3.457%
13	15.581	2165	2169	2175	rVB2	43773	56198	3.07%	0.451%
14	15.986	2230	2238	2242	rBV4	13347	28377	1.55%	0.228%
15	16.227	2271	2279	2292	rVB	601639	898039	49.14%	7.215%
16	16.445	2311	2316	2319	rBV	50539	72142	3.95%	0.580%
17	16.562	2332	2336	2340	rBV	22311	28865	1.58%	0.232%
18	16.621	2340	2346	2351	rVV4	23752	47398	2.59%	0.381%
19	16.680	2351	2356	2361	rVV3	23360	38131	2.09%	0.306%
20	16.727	2361	2364	2368	rVB2	16586	19557	1.07%	0.157%
21	16.879	2384	2390	2397	rVB6	23979	53537	2.93%	0.430%
22	16.950	2397	2402	2406	rBV	34035	47988	2.63%	0.386%
23	17.020	2410	2414	2421	rVB3	18391	27617	1.51%	0.222%
24	17.232	2445	2450	2454	rBV	30051	39585	2.17%	0.318%
25	17.491	2487	2494	2500	rBV2	356560	547612	29.96%	4.399%
26	18.278	2620	2628	2634	rBV4	11111	20369	1.11%	0.164%
27	18.366	2634	2643	2650	rBV	137932	208094	11.39%	1.672%
28	18.442	2652	2656	2660	rVB	16729	22631	1.24%	0.182%
29	18.889	2727	2732	2736	rBV	20888	28193	1.54%	0.226%
30	18.971	2741	2746	2749	rBV2	22627	29095	1.59%	0.234%
31	19.142	2770	2775	2778	rBV3	17152	28156	1.54%	0.226%
32	19.224	2784	2789	2796	rBV	73103	106836	5.85%	0.858%
33	19.288	2797	2800	2807	rVB4	16441	29621	1.62%	0.238%
34	19.488	2830	2834	2837	rBV5	17030	22213	1.22%	0.178%

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35	19.541	2839	2843	2849	rVB	42456	61040	3.34%	0.490%
36	19.635	2855	2859	2867	rBV	109932	160365	8.77%	1.288%
37	19.723	2870	2874	2877	rVV3	19667	25397	1.39%	0.204%
38	19.764	2877	2881	2888	rVB	45029	65466	3.58%	0.526%
39	19.894	2900	2903	2910	rVB3	30707	47385	2.59%	0.381%
40	19.958	2910	2914	2917	rBV3	12519	19150	1.05%	0.154%
41	20.087	2930	2936	2942	rBV	1367283	1827620	100.00%	14.683%
42	20.140	2942	2945	2950	rVB6	13318	20512	1.12%	0.165%
43	20.299	2967	2972	2976	rBV	71428	100005	5.47%	0.803%
44	20.352	2977	2981	2982	rBV3	18133	27813	1.52%	0.223%
45	20.511	3005	3008	3011	rVB3	24468	29144	1.59%	0.234%
46	20.775	3046	3053	3059	rVB	126015	186471	10.20%	1.498%
47	20.857	3060	3067	3072	rBV2	94175	172505	9.44%	1.386%
48	20.992	3086	3090	3095	rBV4	73483	150533	8.24%	1.209%
49	21.039	3095	3098	3102	rVV	154181	185677	10.16%	1.492%
50	21.080	3102	3105	3107	rVV3	28179	36092	1.97%	0.290%
51	21.110	3107	3110	3116	rVB2	64566	86034	4.71%	0.691%
52	21.239	3130	3132	3138	rBV4	11686	18493	1.01%	0.149%
53	21.298	3138	3142	3146	rBV6	16856	30348	1.66%	0.244%
54	21.362	3147	3153	3156	rVV3	68890	122791	6.72%	0.986%
55	21.398	3156	3159	3165	rVB	104945	142378	7.79%	1.144%
56	21.550	3177	3185	3190	rBV	138789	252722	13.83%	2.030%
57	21.627	3194	3198	3202	rBV2	58893	93346	5.11%	0.750%
58	21.762	3215	3221	3230	rVB	431900	733851	40.15%	5.896%
59	22.109	3275	3280	3285	rVB	73113	110475	6.04%	0.888%
60	22.379	3322	3326	3331	rVB2	32017	53814	2.94%	0.432%
61	22.731	3382	3386	3393	rVB	71774	123680	6.77%	0.994%
62	22.861	3405	3408	3417	rVB3	29038	48112	2.63%	0.387%
63	23.049	3434	3440	3441	rBV2	43901	72537	3.97%	0.583%
64	23.084	3443	3446	3453	rVB	71659	129032	7.06%	1.037%
65	23.190	3461	3464	3475	rVB3	28961	56045	3.07%	0.450%
66	23.848	3570	3576	3584	rVB4	31505	85100	4.66%	0.684%
67	25.046	3770	3780	3791	rBV	231729	652902	35.72%	5.245%

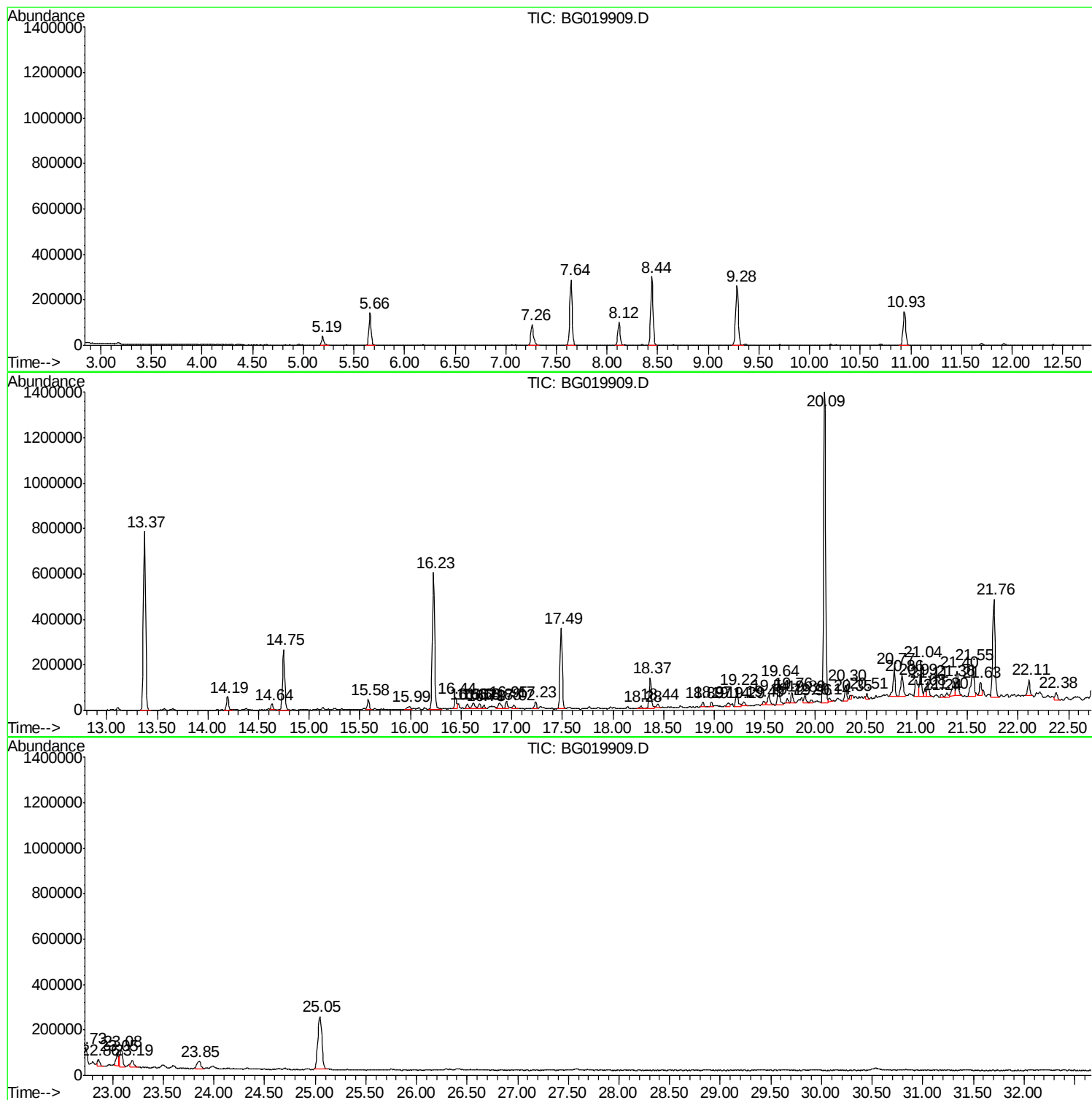
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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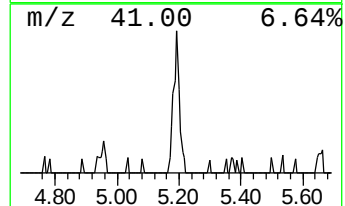
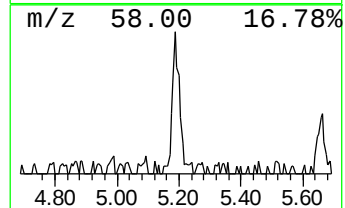
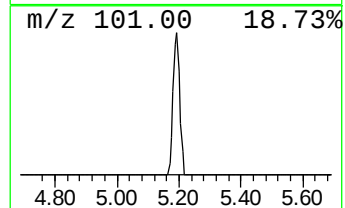
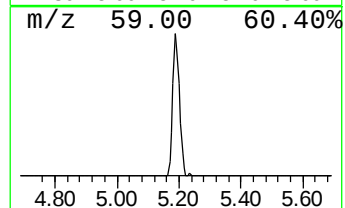
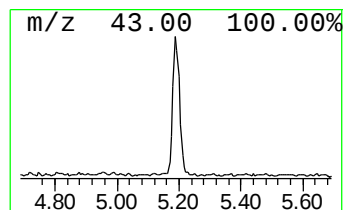
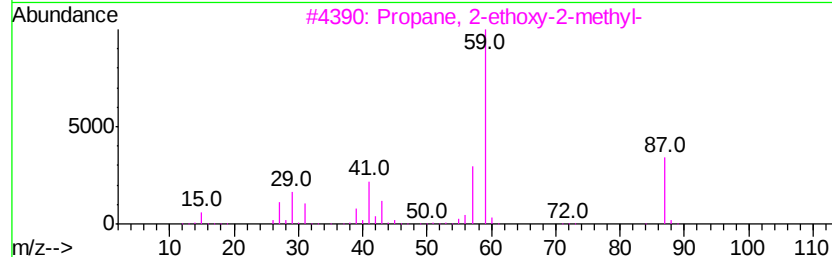
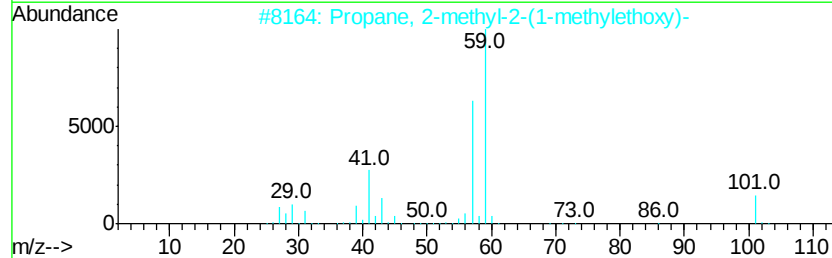
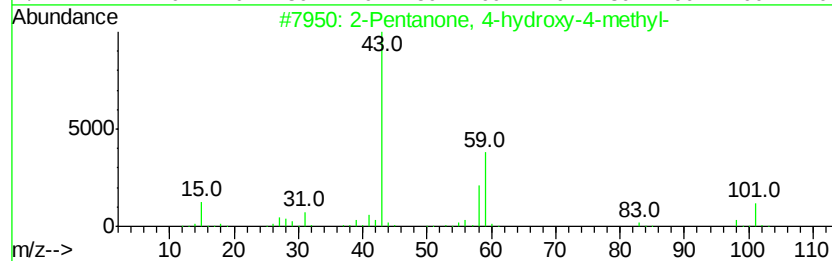
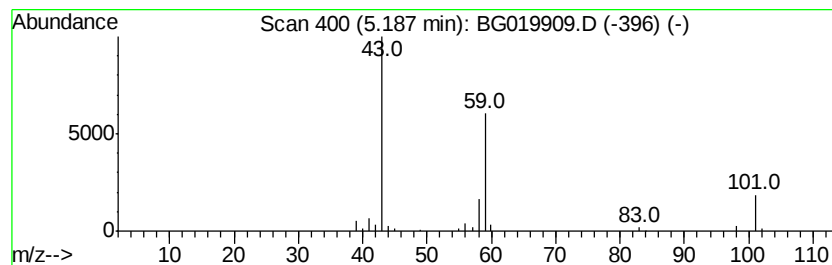
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	6.87 ng	58415	1,4-Dichlorobenzene-d4	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3		Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	23
4		Acetone	58	C3H6O	000067-64-1	9
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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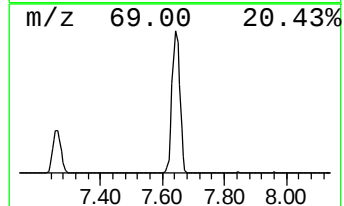
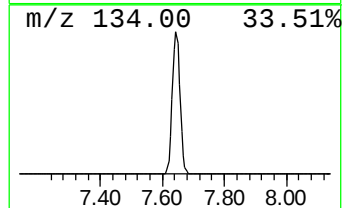
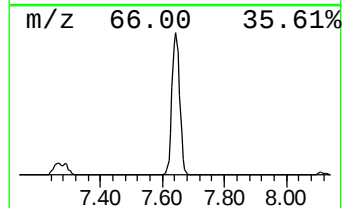
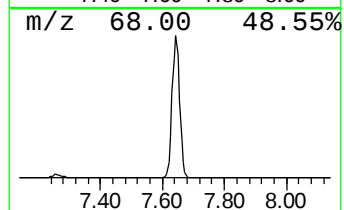
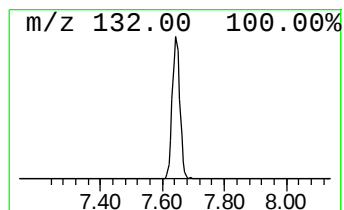
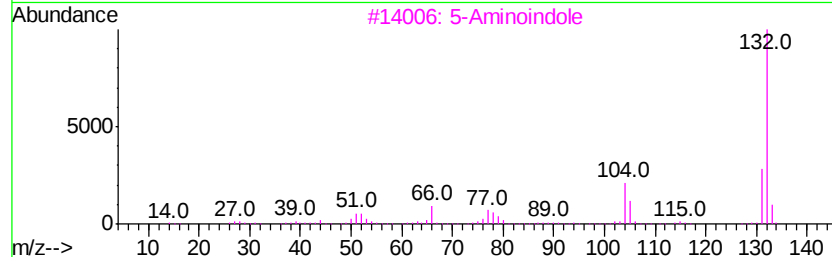
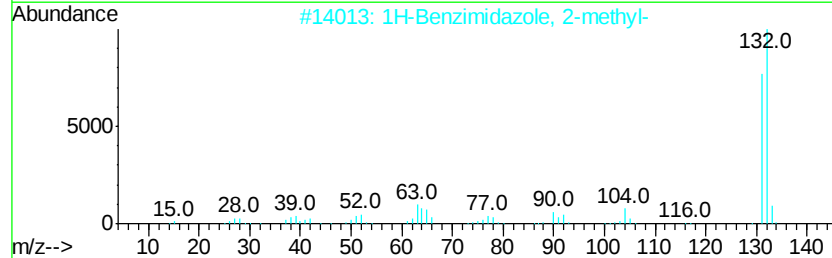
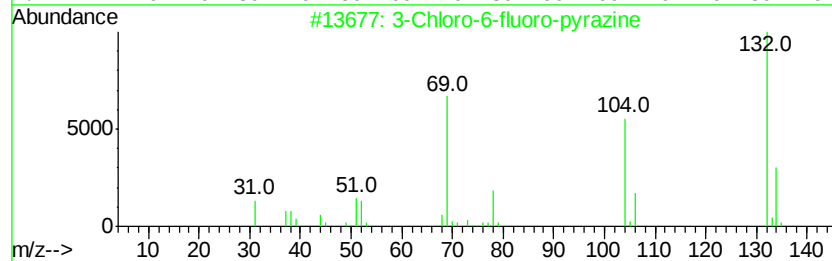
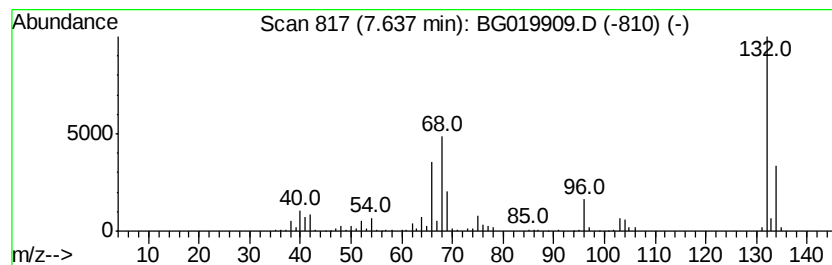
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	57.44 ng	488220	1,4-Dichlorobenzene-d4	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		5-Aminoindole	132	C8H8N2	005192-03-0	22
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		Xenon	132	Xe	007440-63-3	9



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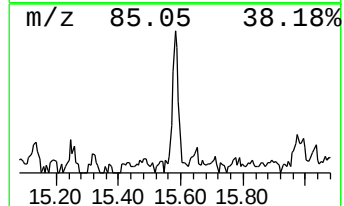
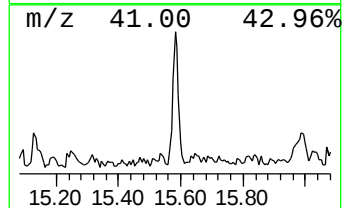
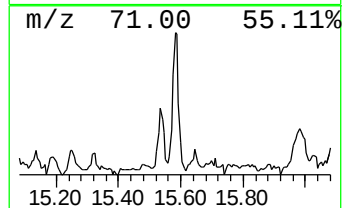
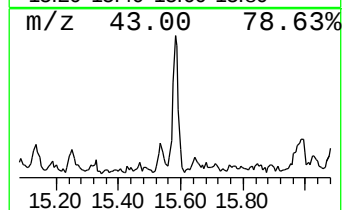
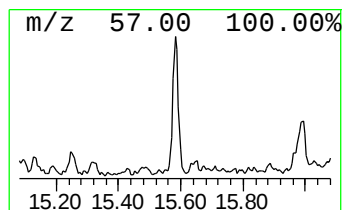
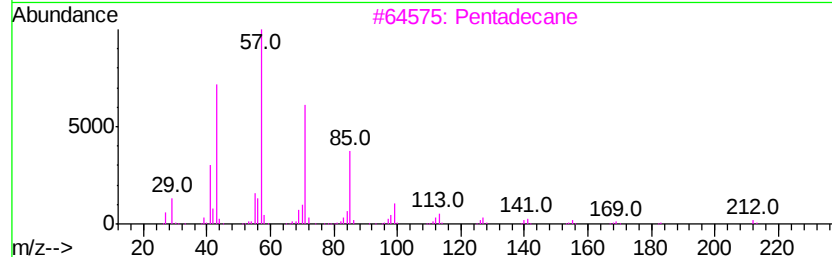
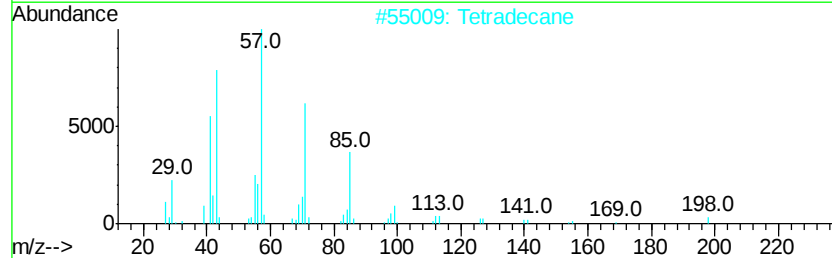
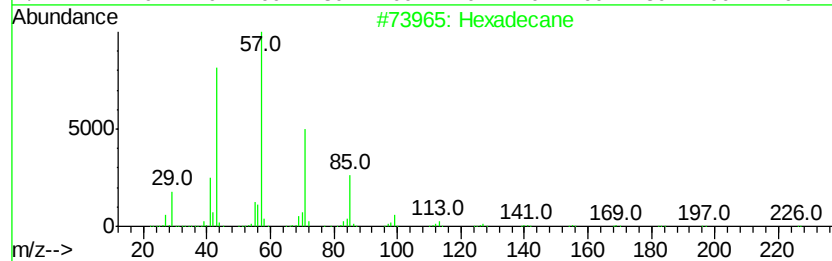
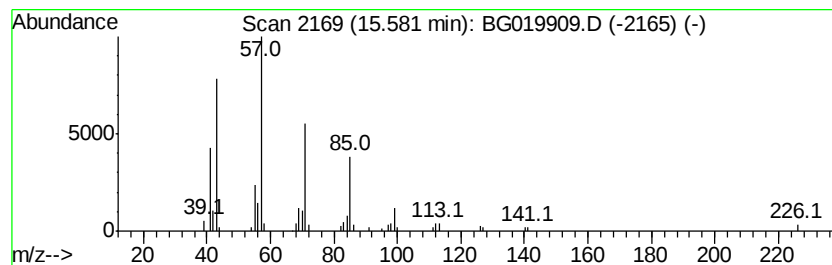
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	2.61 ng	56198	Acenaphthene-d10	14.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Tetradecane	198	C14H30	000629-59-4	87
3		Pentadecane	212	C15H32	000629-62-9	86
4		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	86
5		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	86



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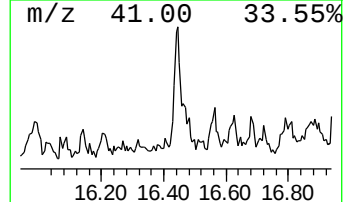
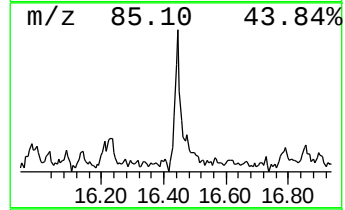
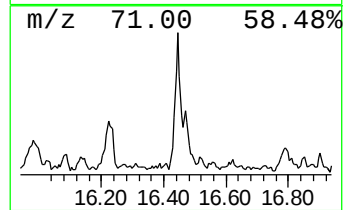
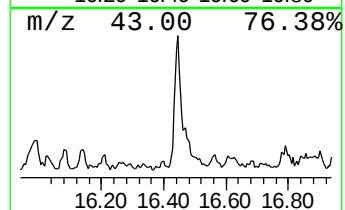
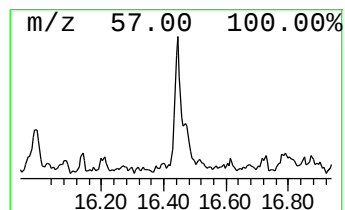
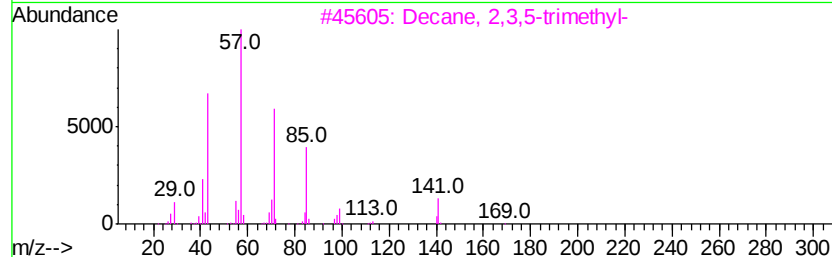
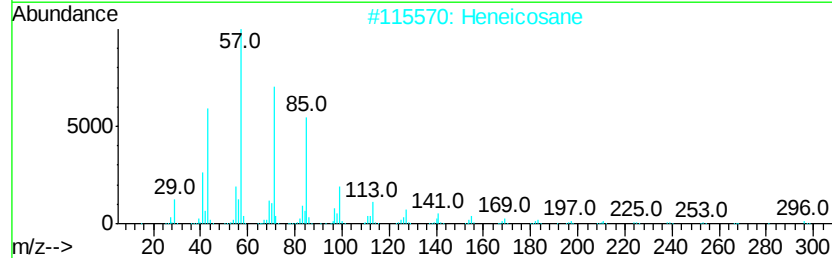
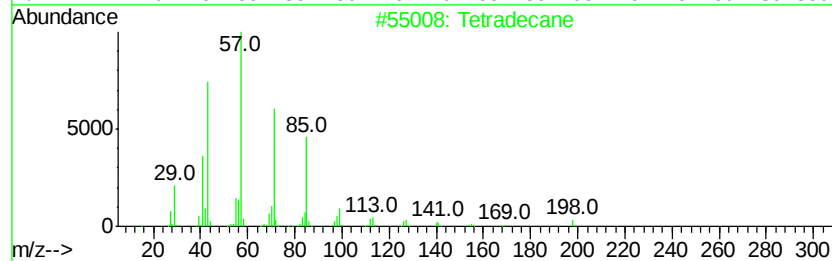
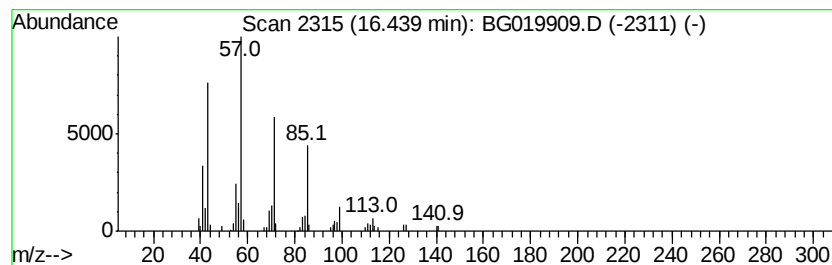
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	2.63 ng	72142	Phenanthrene-d10	17.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	86
2		Heneicosane	296	C21H44	000629-94-7	86
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80
4		Tetracosane	338	C24H50	000646-31-1	80
5		Hexadecane	226	C16H34	000544-76-3	78



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TW-03

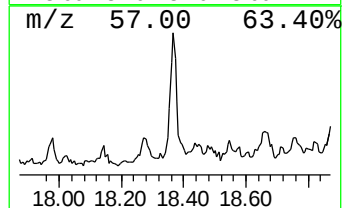
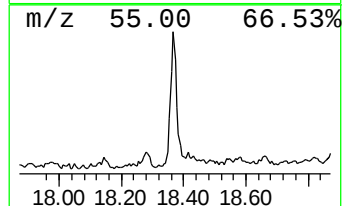
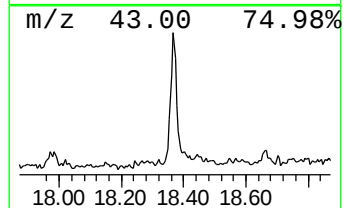
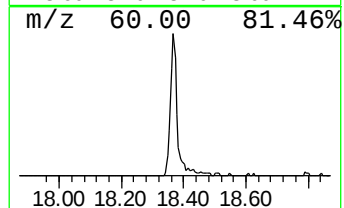
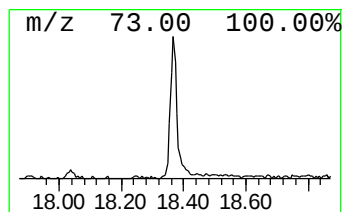
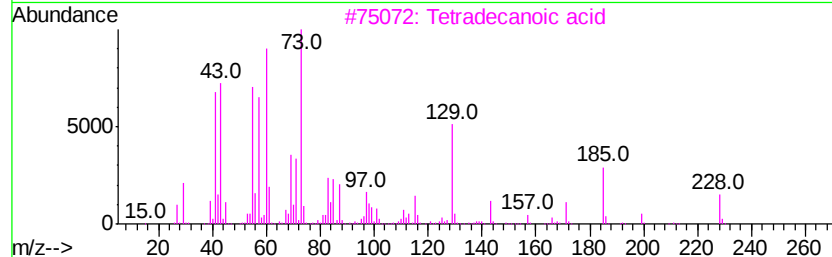
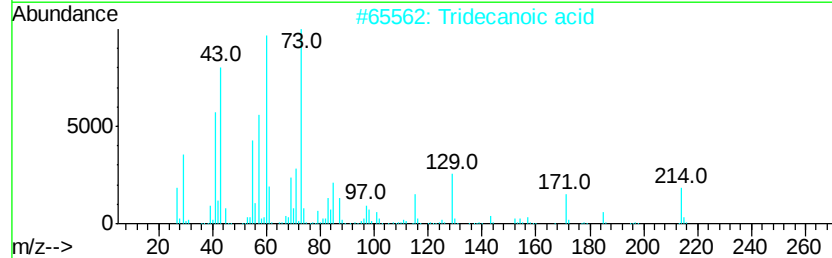
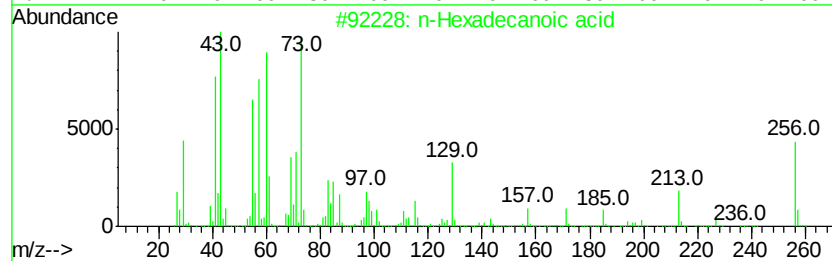
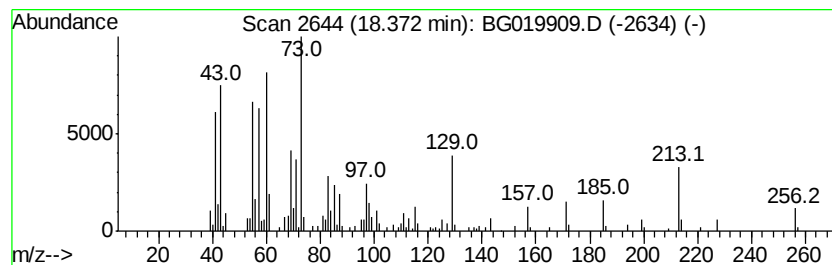
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	7.60 ng	208094	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019909.D
Acq On : 4 Dec 2015 17:44
Operator : UM/NP
Sample : G4642-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

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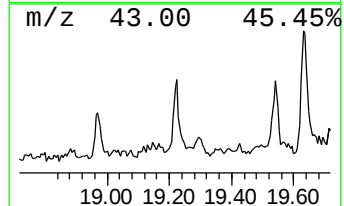
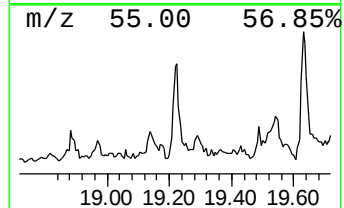
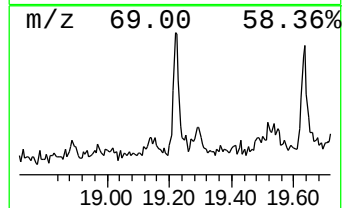
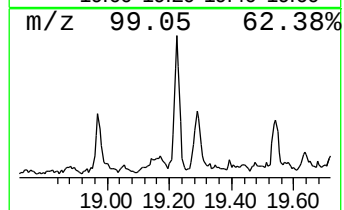
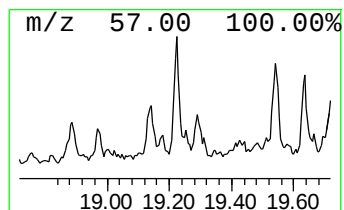
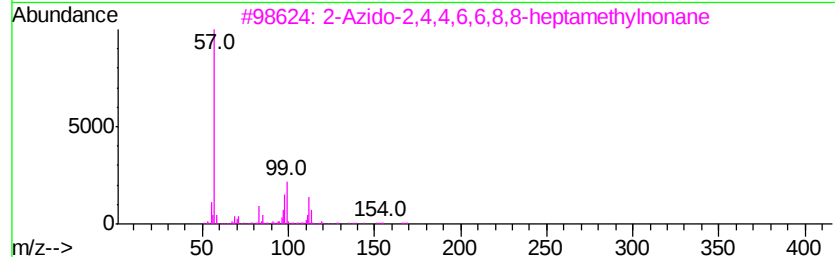
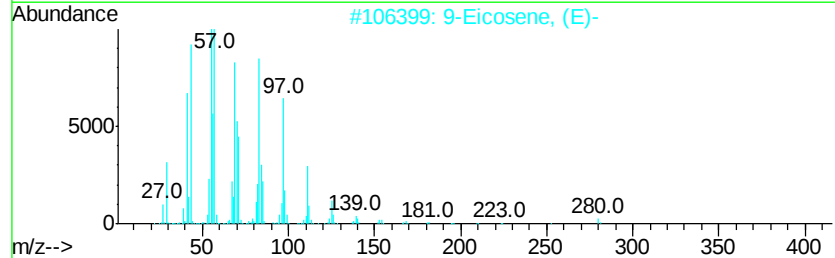
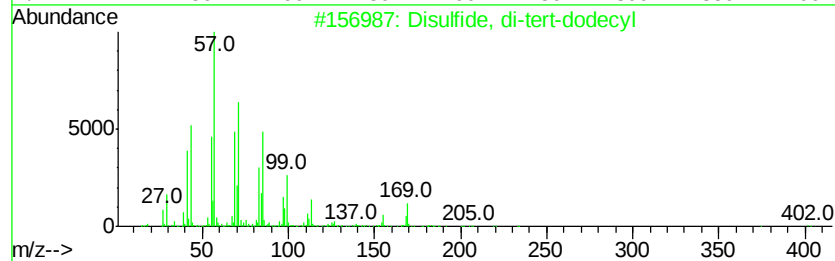
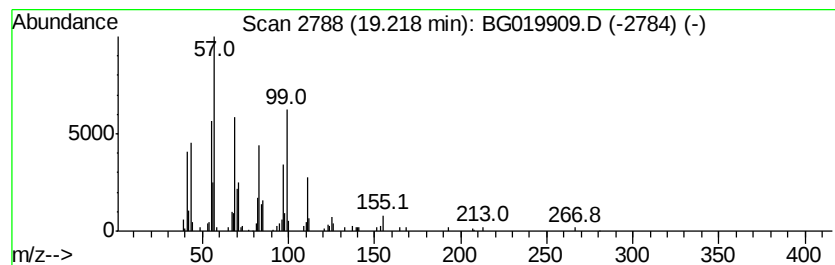
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Disulfide, di-tert-dodecyl Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	3.90 ng	106836	Phenanthrene-d10	17.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	50
2			9-Eicosene, (E)-	280	C20H40	074685-29-3	50
3			2-Azido-2,4,4,6,6,8,8-heptamethyl...	267	C16H33N3	1000293-29-1	47
4			Trichloroacetic acid, undecyl ester	316	C13H23Cl3O2	074339-49-4	47
5			Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019909.D
Acq On : 4 Dec 2015 17:44
Operator : UM/NP
Sample : G4642-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

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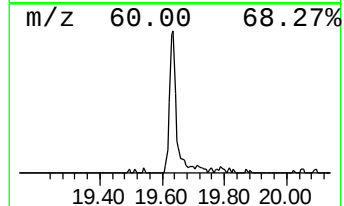
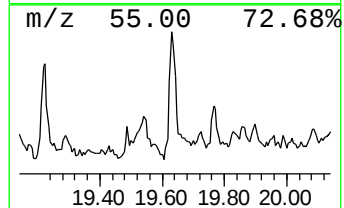
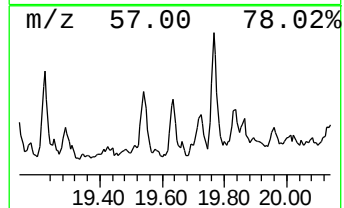
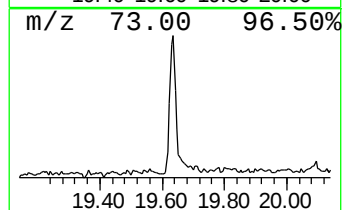
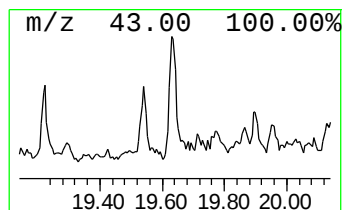
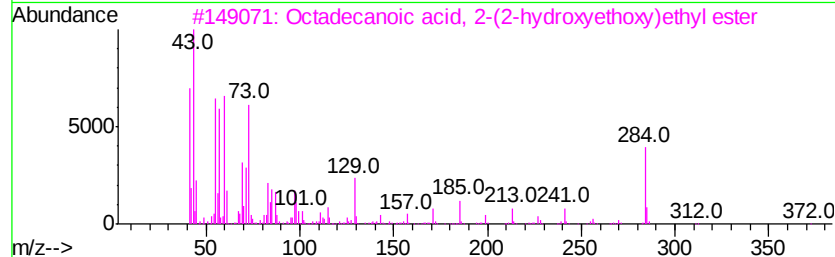
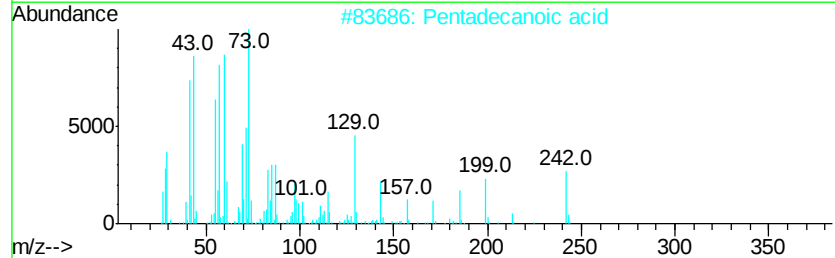
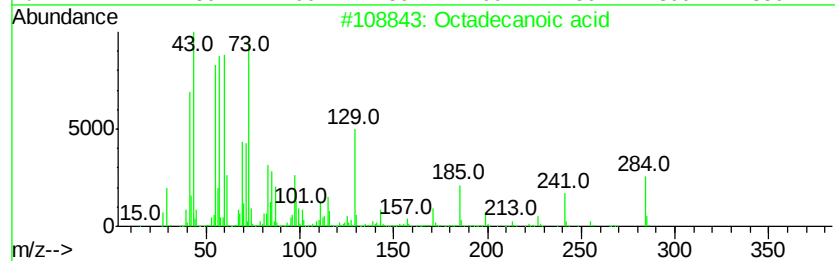
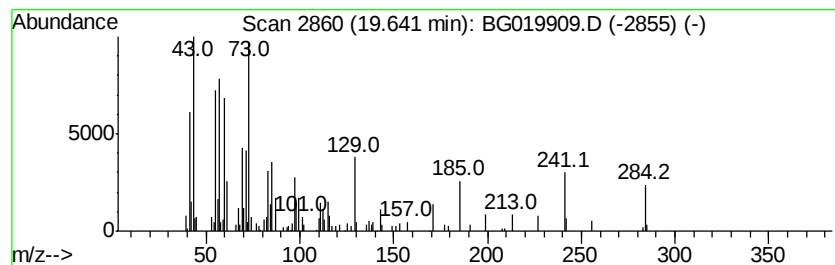
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	4.37 ng	160365	Chrysene-d12	21.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	86
4		Tridecanoic acid	214	C13H26O2	000638-53-9	81
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019909.D
Acq On : 4 Dec 2015 17:44
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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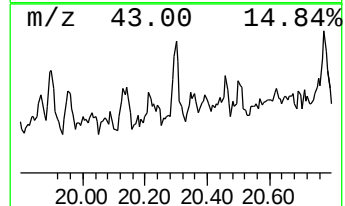
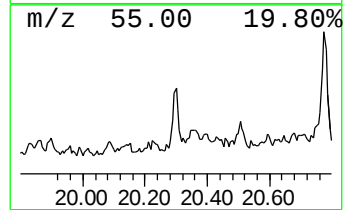
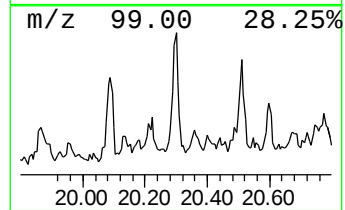
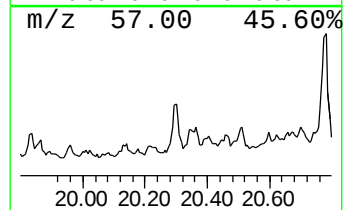
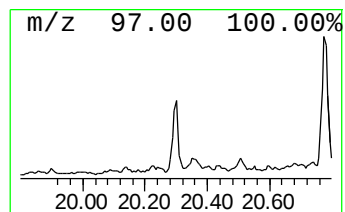
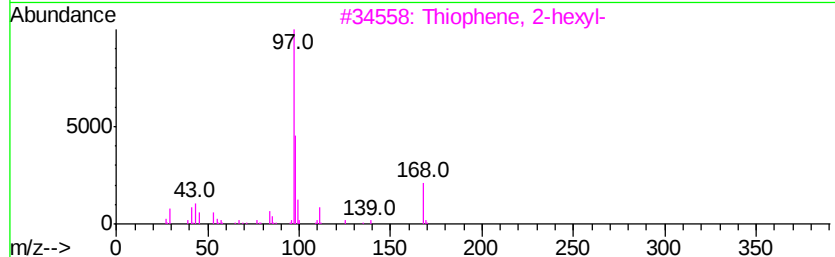
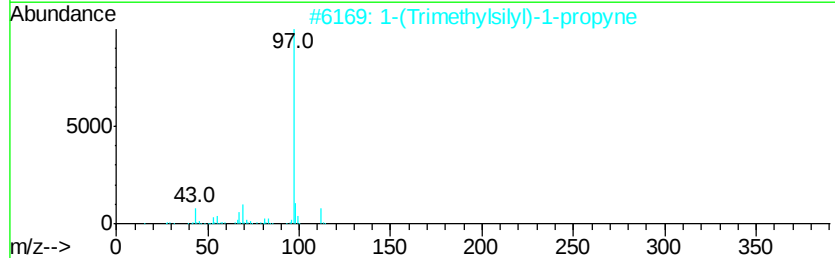
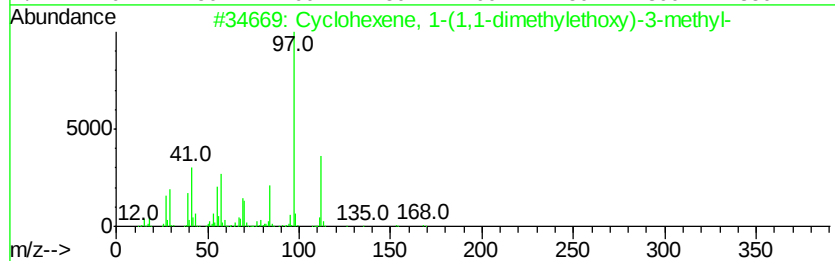
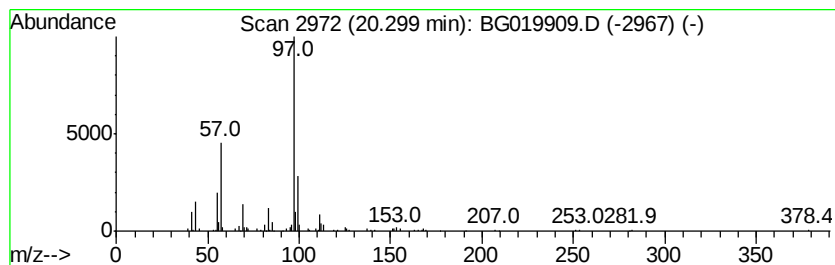
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexene, 1-(1,1-dimethy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	2.73 ng	100005	Chrysene-d12	21.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 1-(1,1-dimethylethoxy)-3-methyl-	168	C11H20O	040648-24-6	53
2		1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	53
3		Thiophene, 2-hexyl-	168	C10H16S	018794-77-9	50
4		Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	50
5		Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	45



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
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Acq On : 4 Dec 2015 17:44
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Sample : G4642-02
Misc :
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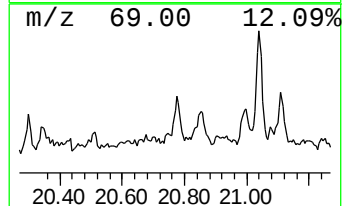
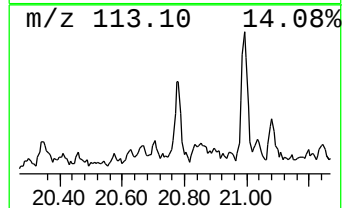
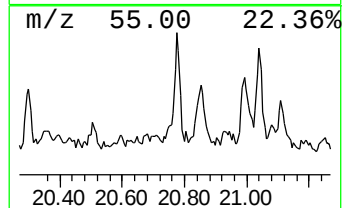
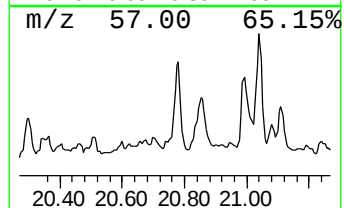
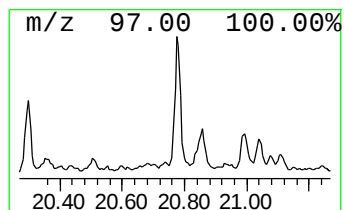
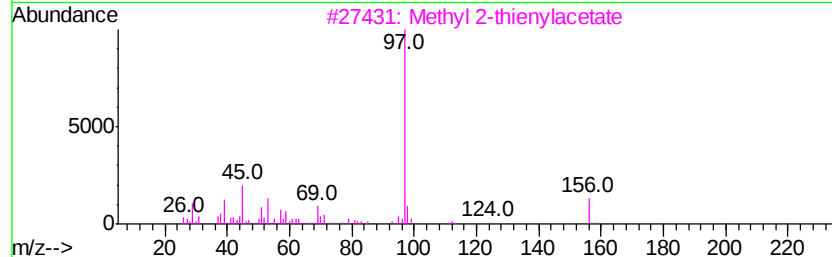
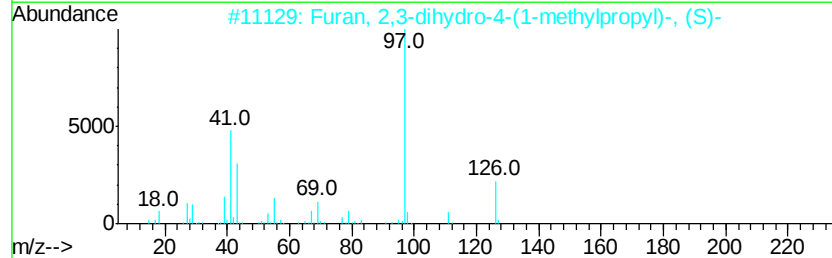
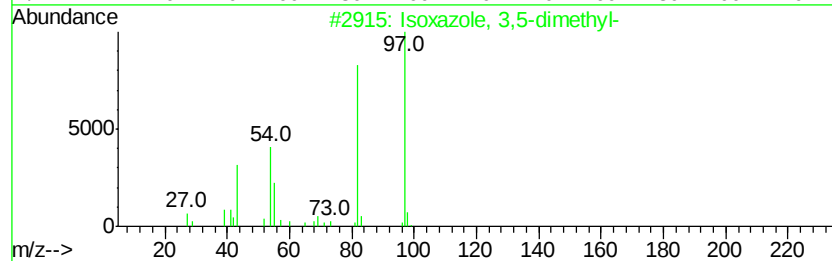
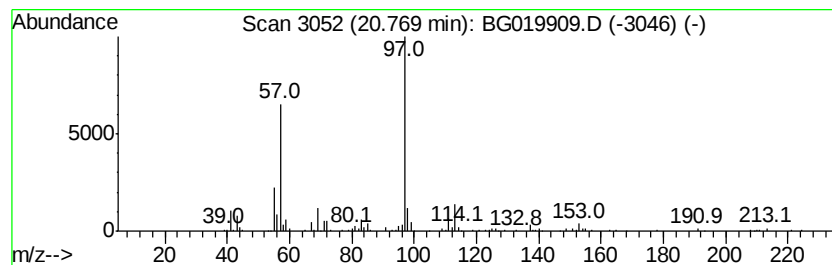
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Isoxazole, 3,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.77	5.08 ng	186471	Chrysene-d12	21.76	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	64
2	Furan, 2,3-dihydro-4-(1-methylpr...	126	C8H14O	034379-54-9	59
3	Methyl 2-thienylacetate	156	C7H8O2S	019432-68-9	59
4	2-Hexenoic acid, 2-hexenyl ester...	196	C12H20O2	054845-28-2	53
5	Oxazole, 2,4-dimethyl-	97	C5H7NO	007208-05-1	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019909.D
Acq On : 4 Dec 2015 17:44
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ClientSampleId :
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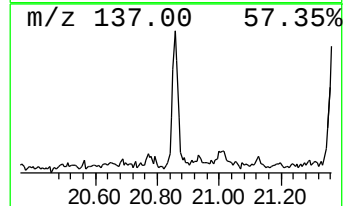
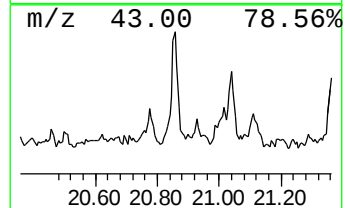
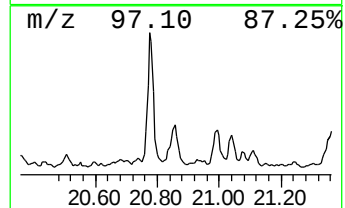
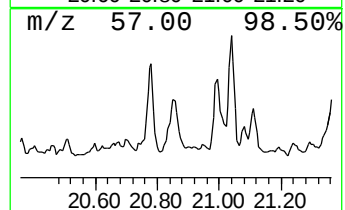
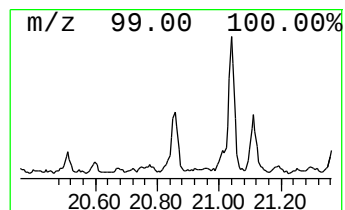
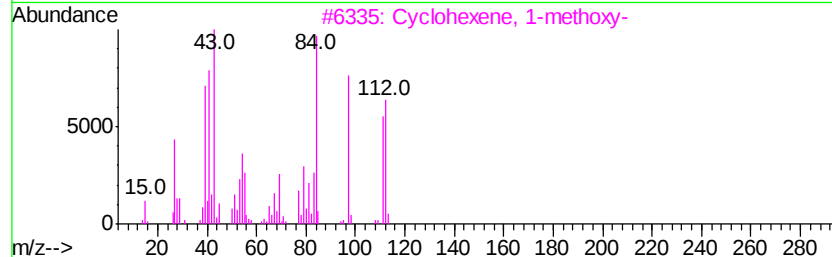
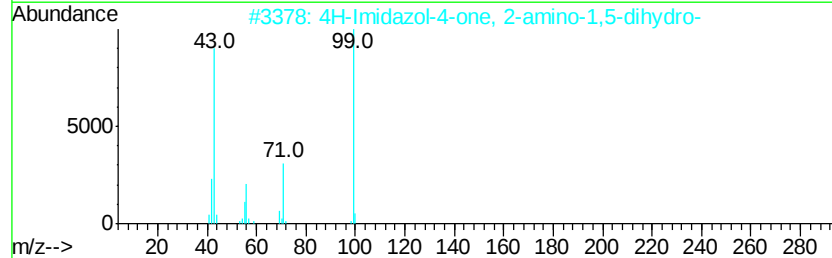
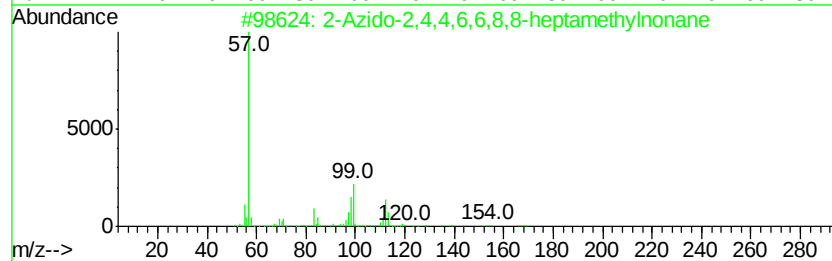
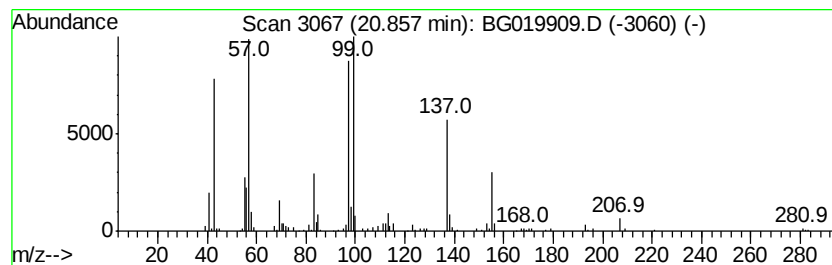
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown20.86 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	4.70 ng	172505	Chrysene-d12	21.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Azido-2,4,4,6,6,8,8-heptamethy...	267	C16H33N3	1000293-29-1	35		
2	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	22		
3	Cvclohexene, 1-methoxv-	112	C7H12O	000931-57-7	22		
4	Phosphite, tris(2,4-dimethylpent...	376	C21H45O3P	1000159-84-4	22		
5	2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	22		



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019909.D
Acq On : 4 Dec 2015 17:44
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Sample : G4642-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

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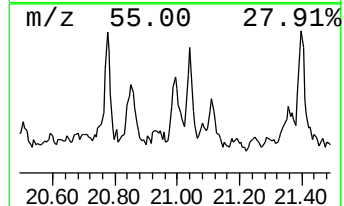
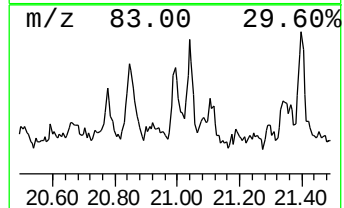
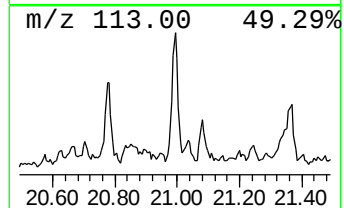
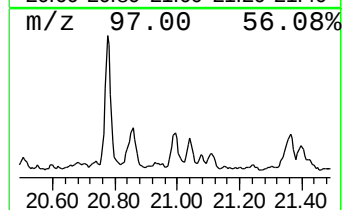
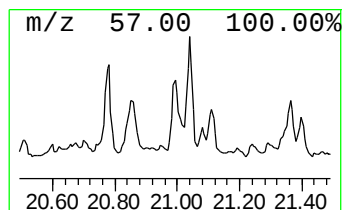
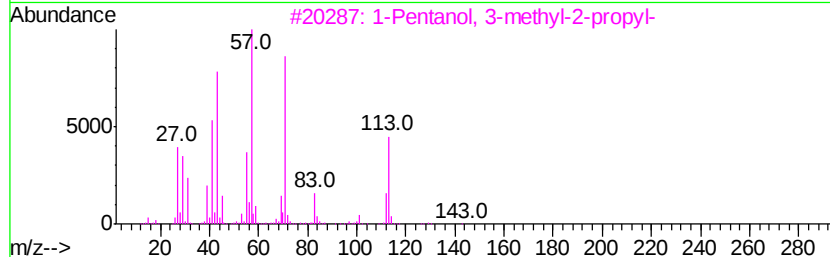
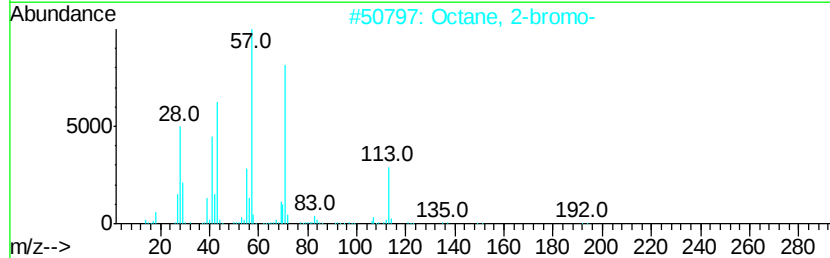
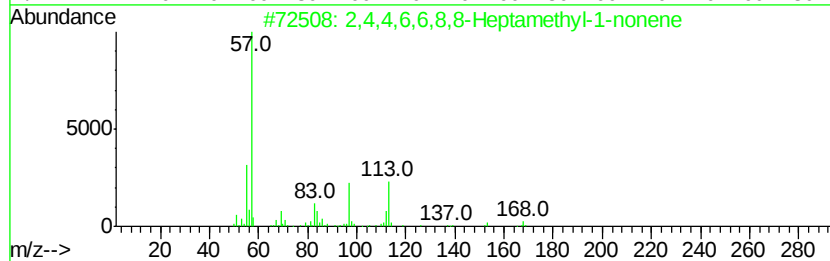
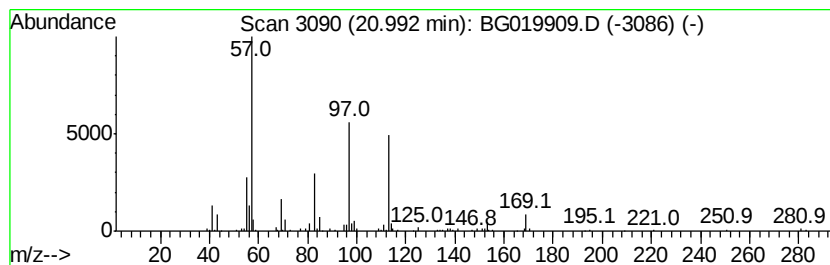
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	4.10 ng	150533	Chrysene-d12	21.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	53
2			Octane, 2-bromo-	192	C8H17Br	000557-35-7	25
3			1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	23
4			6,6-Dibutoxyhexanoic acid, butyl...	316	C18H36O4	1000280-29-0	23
5			Heptane, 4-(bromomethyl)-	192	C8H17Br	101654-29-9	17



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Data File : BG019909.D
Acq On : 4 Dec 2015 17:44
Operator : UM/NP
Sample : G4642-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

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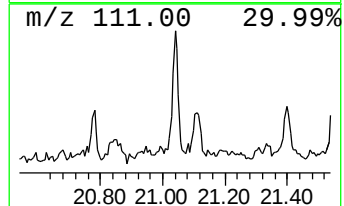
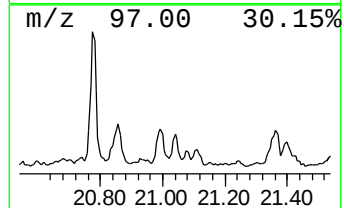
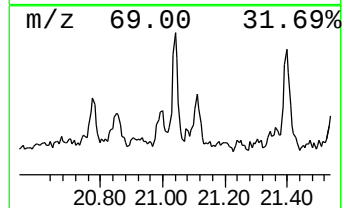
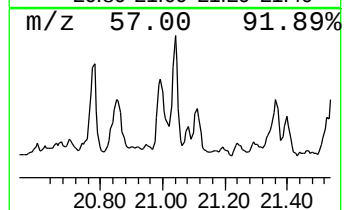
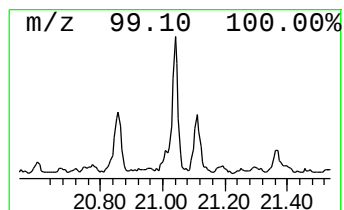
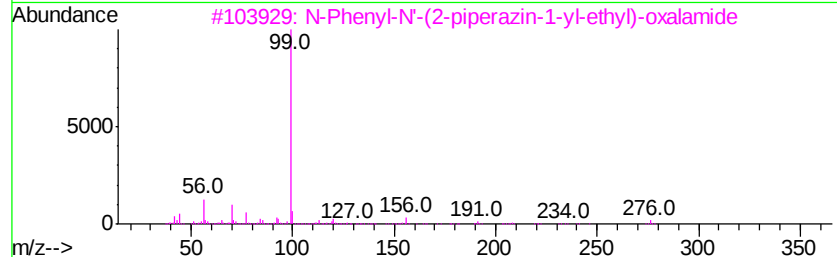
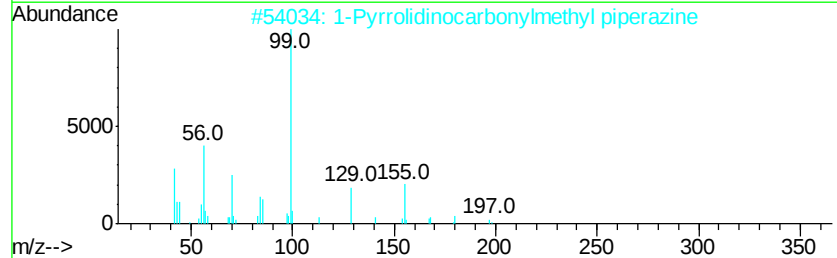
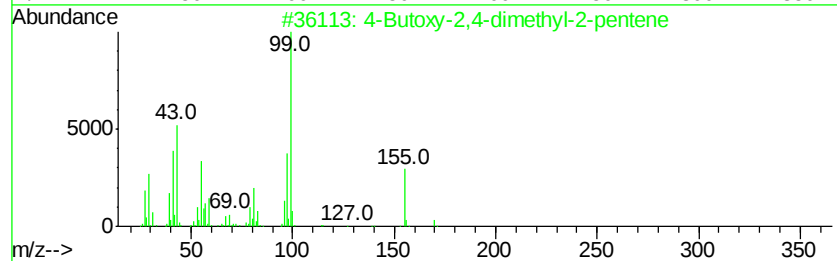
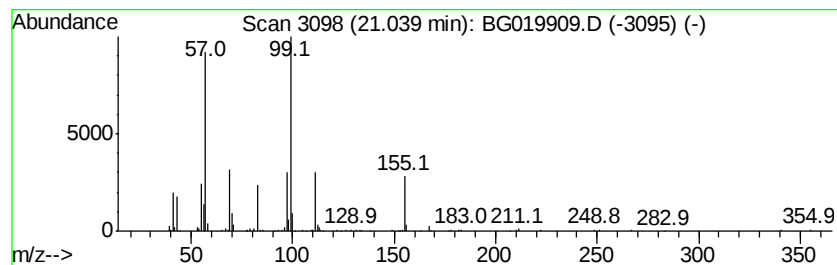
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown21.04 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	5.06 ng	185677	Chrysene-d12	21.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Butoxy-2,4-dimethyl-2-pentene	170	C11H22O	1000159-08-7	38
2		1-Pyrrolidinocarbonylmethyl pipe...	197	C10H19N3O	039890-45-4	33
3		N-Phenyl-N'-(2-piperazin-1-yl-ethyl)...	276	C14H20N4O2	332404-00-9	23
4		1-Methyl-4-[4-aminobenzenesulfo...	255	C11H17N3O2S	021623-68-7	23
5		2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	18



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
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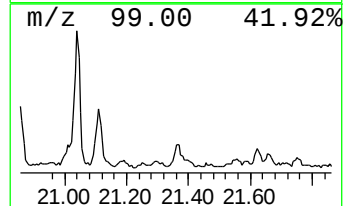
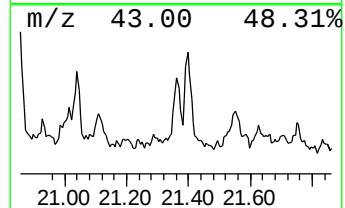
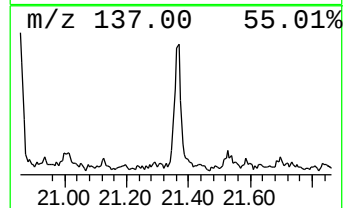
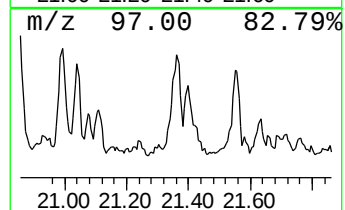
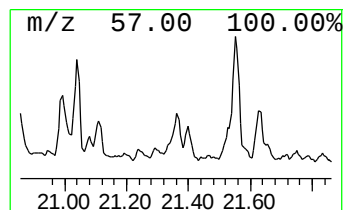
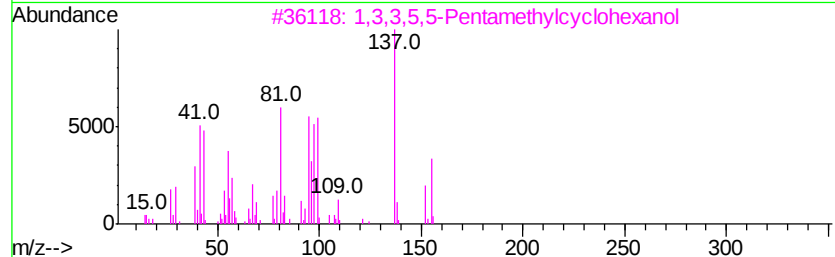
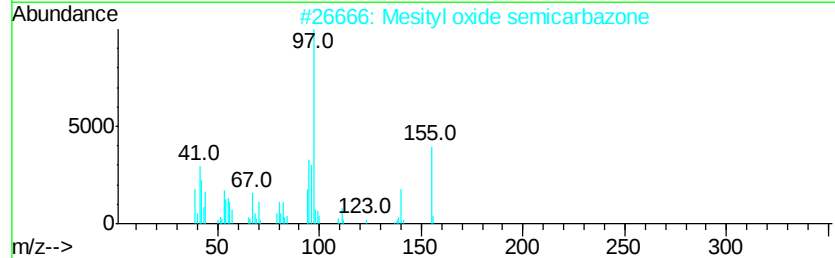
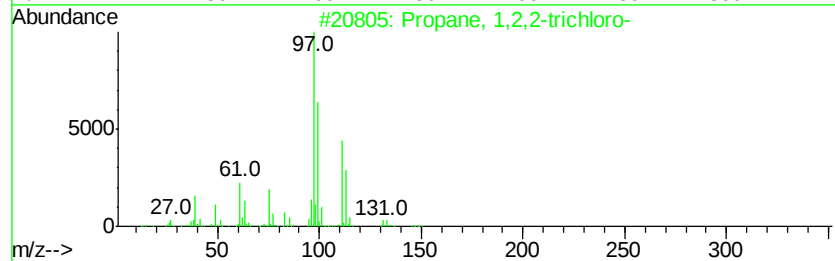
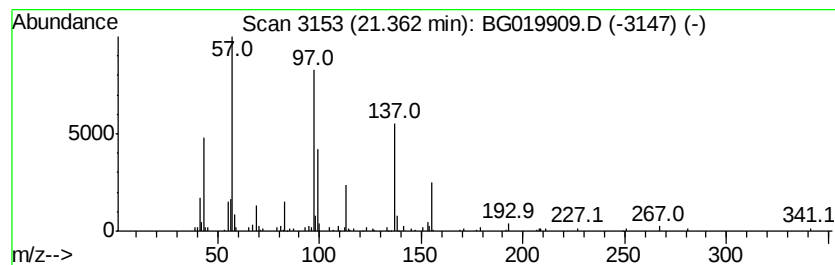
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown21.36 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	3.35 ng	122791	Chrysene-d12	21.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 1,2,2-trichloro-	146	C3H5Cl3	003175-23-3	38
2		Mesityl oxide semicarbazone	155	C7H13N3O	003780-62-9	35
3		1,3,3,5,5-Pentamethylcyclohexanol	170	C11H22O	038490-33-4	32
4		3-Decen-5-one, 2-methyl-	168	C11H20O	032064-75-8	25
5		Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	22



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019909.D
Acq On : 4 Dec 2015 17:44
Operator : UM/NP
Sample : G4642-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

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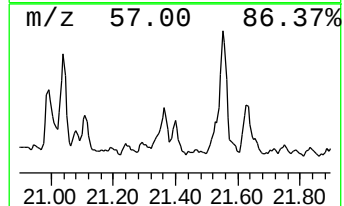
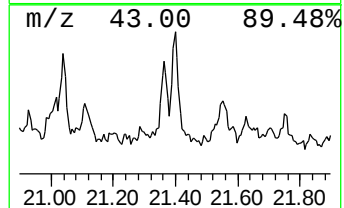
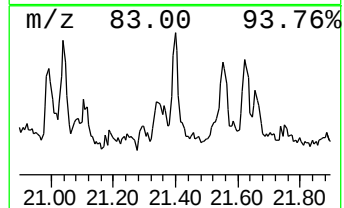
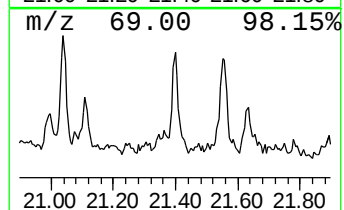
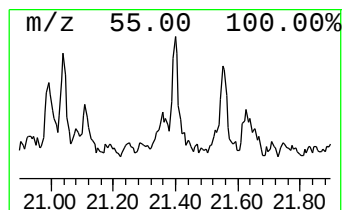
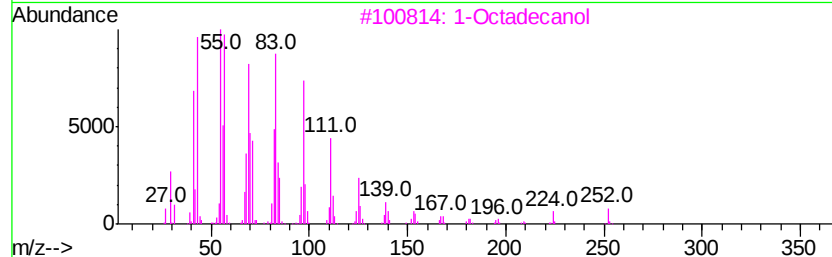
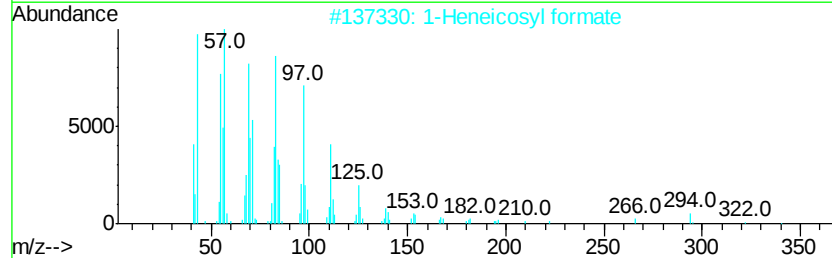
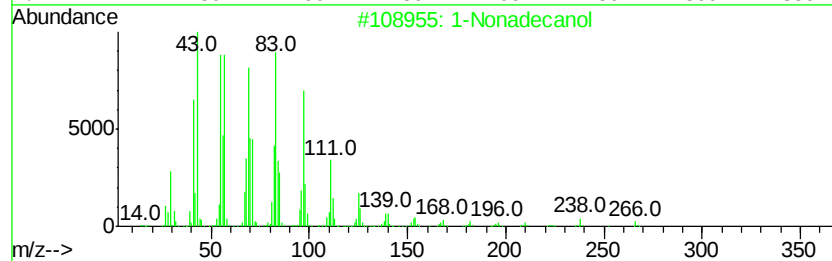
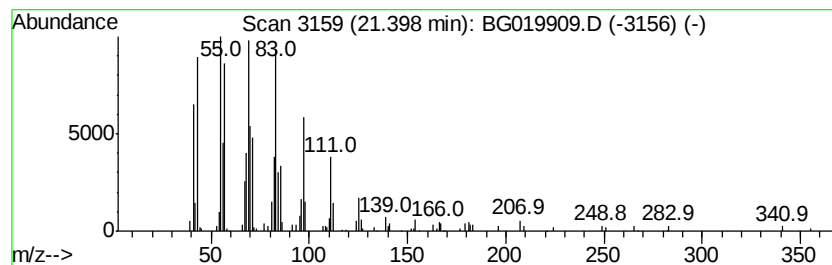
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1-Nonadecanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	3.88 ng	142378	Chrysene-d12	21.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecanol	284	C19H40O	001454-84-8	94
2			1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
3			1-Octadecanol	270	C18H38O	000112-92-5	91
4			Cyclotetradecane	196	C14H28	000295-17-0	91
5			1-Hexadecanol	242	C16H34O	036653-82-4	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
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Misc :
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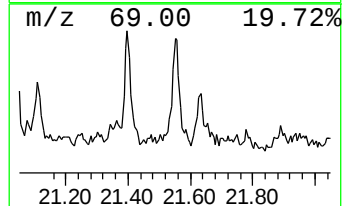
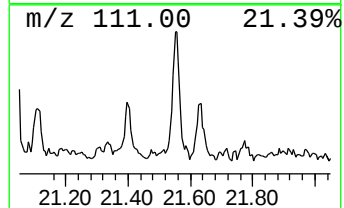
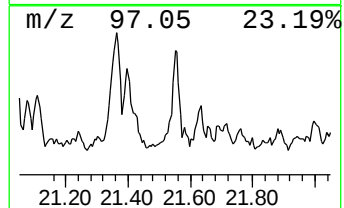
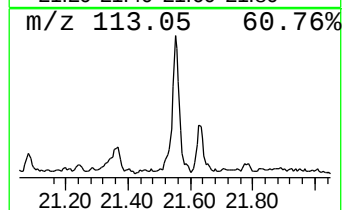
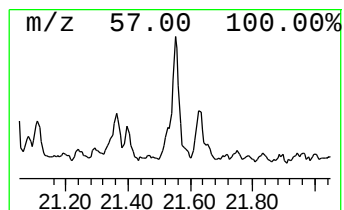
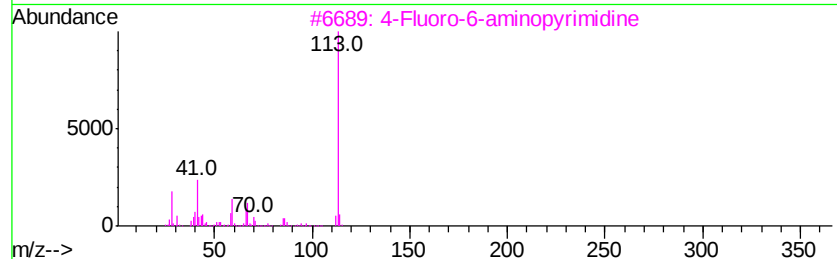
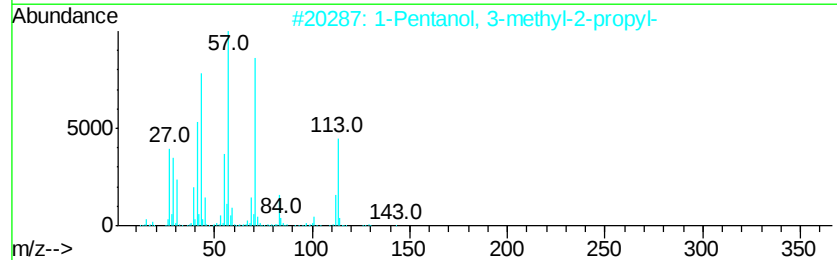
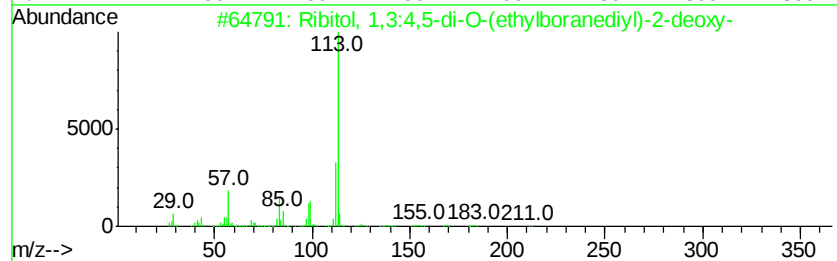
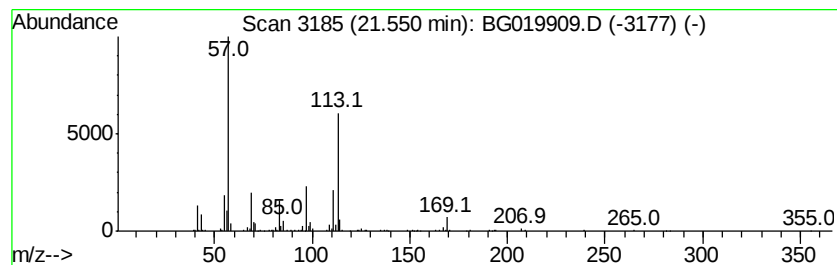
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown21.55 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.55	6.89 ng	252722	Chrysene-d12	21.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ribitol, 1,3:4,5-di-O-(ethylbora...	212	C9H18B2O4	1000149-52-8	37
2			1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	37
3			4-Fluoro-6-aminopyrimidine	113	C4H4FN3	051421-96-6	27
4			5-Nonanone, 2,2,8,8-tetramethyl-	198	C13H26O	005709-95-5	25
5			Bicyclo[3.2.1]oct-2-ene, 3-chloro-	142	C8H11Cl	035242-17-2	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019909.D
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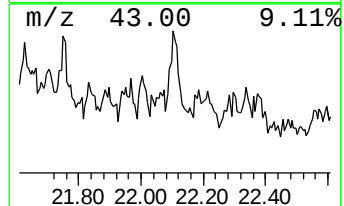
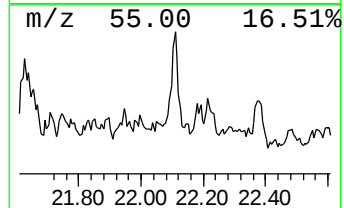
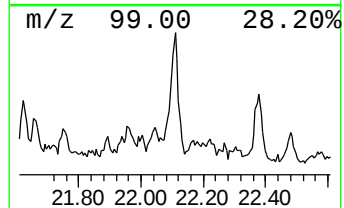
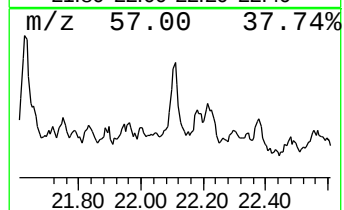
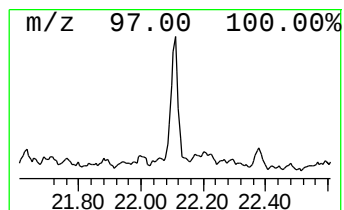
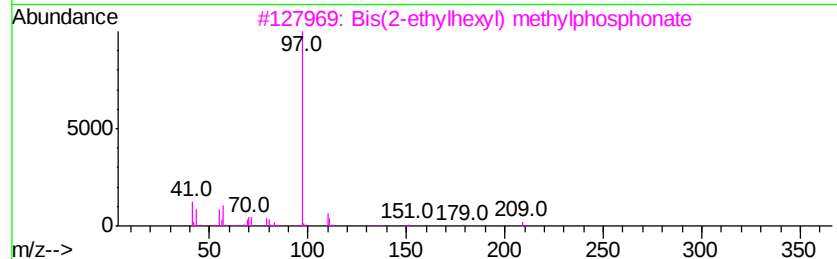
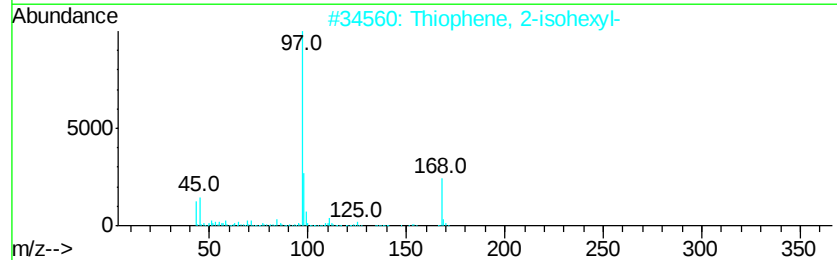
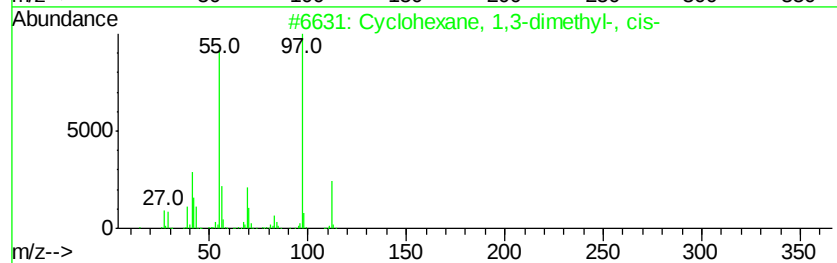
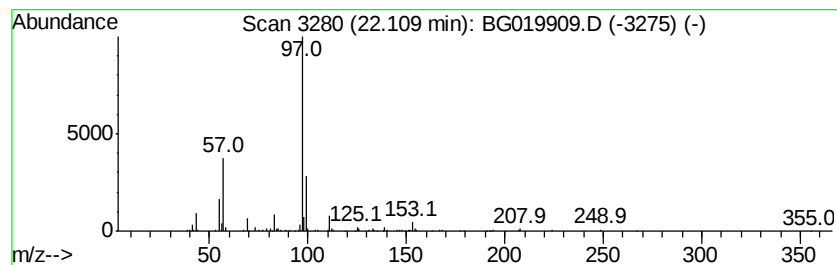
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.11	3.01 ng	110475	Chrysene-d12	21.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	53
2			Thiophene, 2-isohexyl-	168	C10H16S	004861-59-0	50
3			Bis(2-ethylhexyl) methylphosphonate	320	C17H37O3P	1000298-35-3	40
4			Methylphosphonic acid, di(2-meth...	208	C9H21O3P	105263-11-4	36
5			Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	36



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
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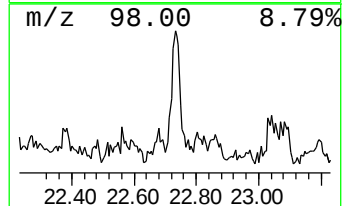
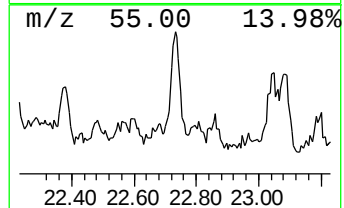
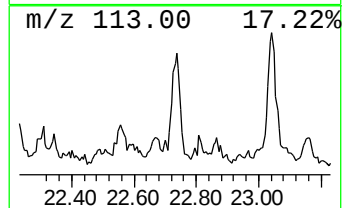
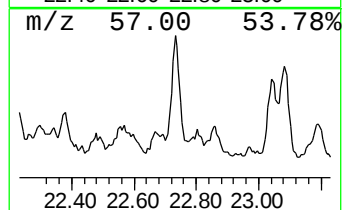
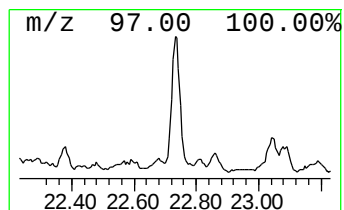
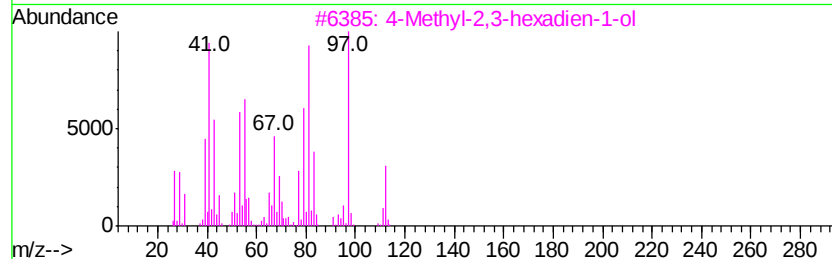
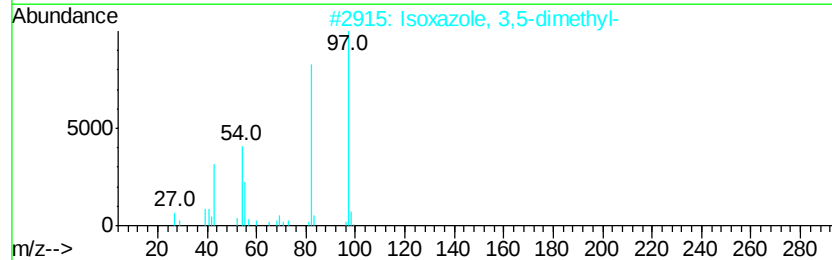
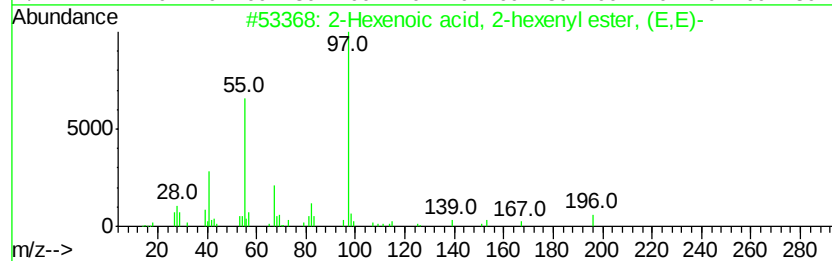
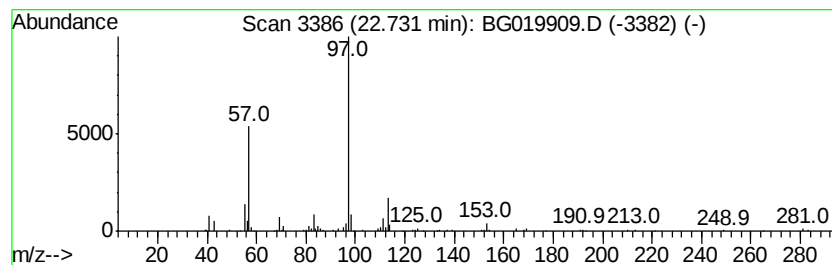
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2-Hexenoic acid, 2-hexenyl ... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.73	3.37 ng	123680	Chrysene-d12	21.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hexenoic acid, 2-hexenyl ester...	196	C12H20O2	054845-28-2	59
2		Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	59
3		4-Methyl-2,3-hexadien-1-ol	112	C7H12O	1000196-09-6	52
4		4-Undecen-6-one	168	C11H20O	032064-74-7	50
5		Thiophene, 2-ethyl-	112	C6H8S	000872-55-9	45



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019909.D
Acq On : 4 Dec 2015 17:44
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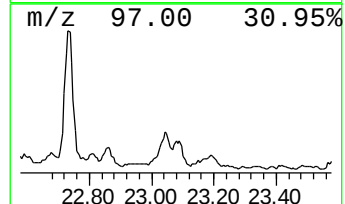
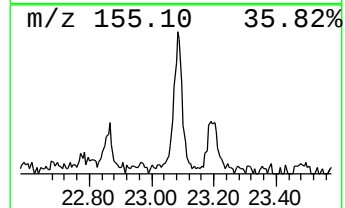
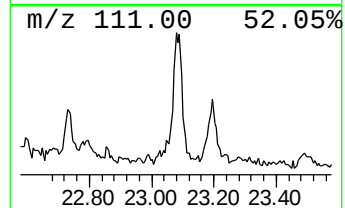
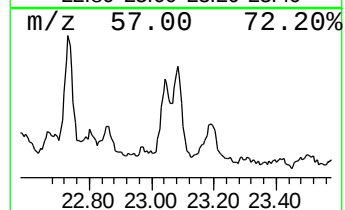
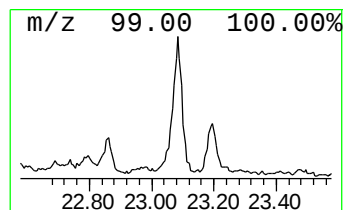
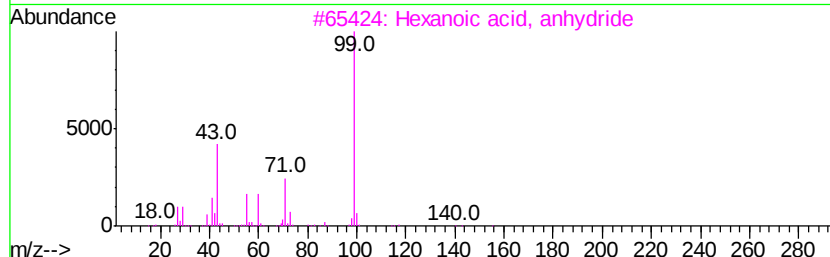
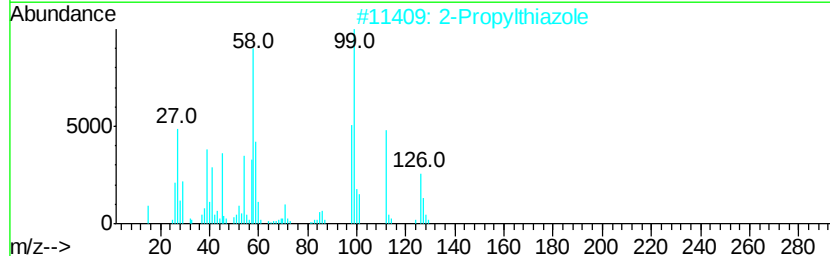
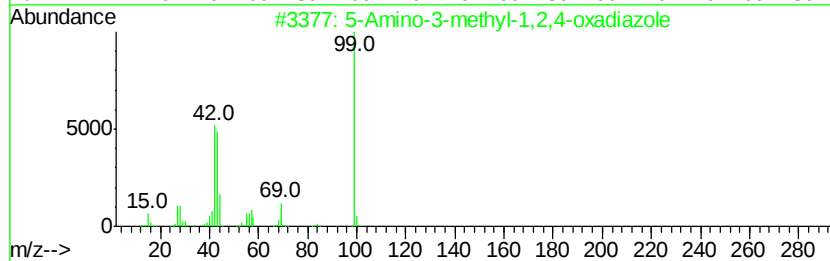
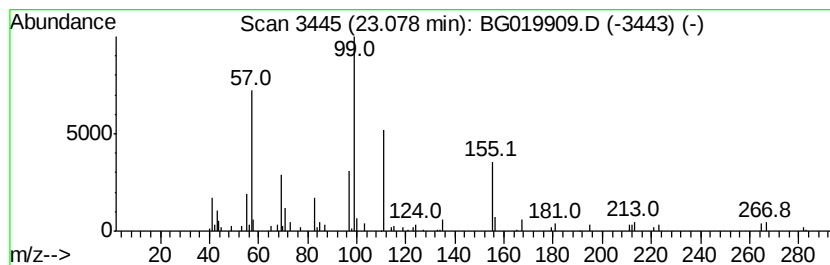
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown23.08 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.08	3.52 ng	129032	Chrysene-d12	21.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Amino-3-methyl-1,2,4-oxadiazole	99	C3H5N3O	003663-39-6	43
2		2-Propylthiazole	127	C6H9NS	017626-75-4	43
3		Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	37
4		Formaldehyde, dipropylhydrazine	128	C7H16N2	054253-56-4	37
5		4-Butoxy-2,4-dimethyl-2-pentene	170	C11H22O	1000159-08-7	36



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019909.D
Acq On : 4 Dec 2015 17:44
Operator : UM/NP
Sample : G4642-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TW-03

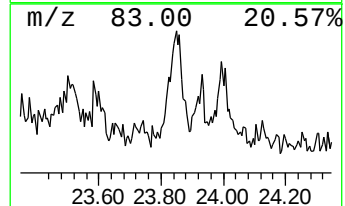
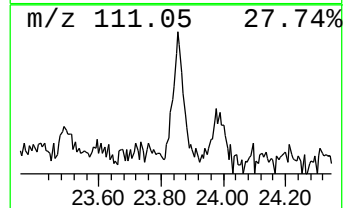
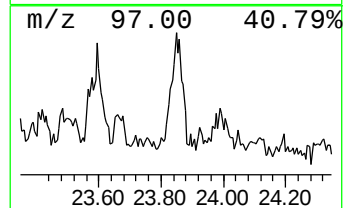
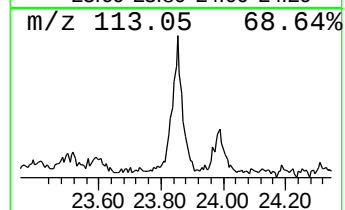
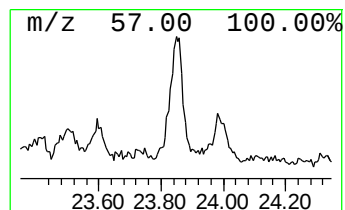
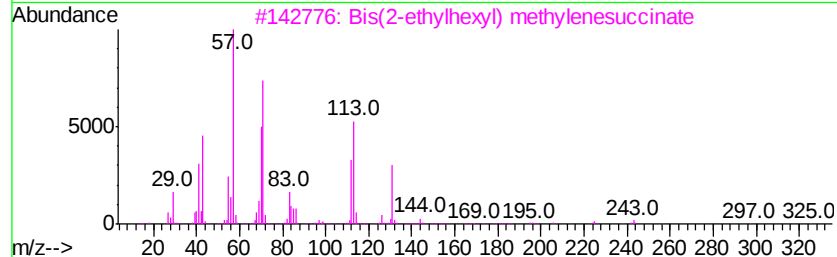
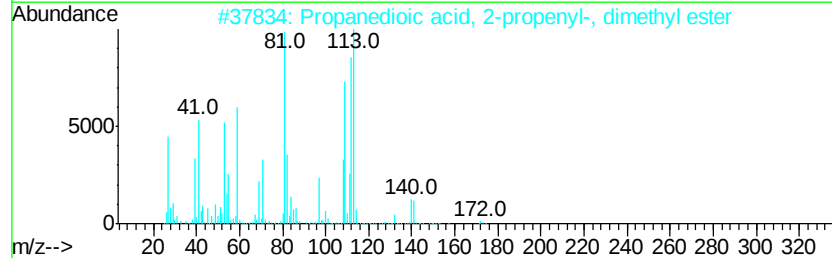
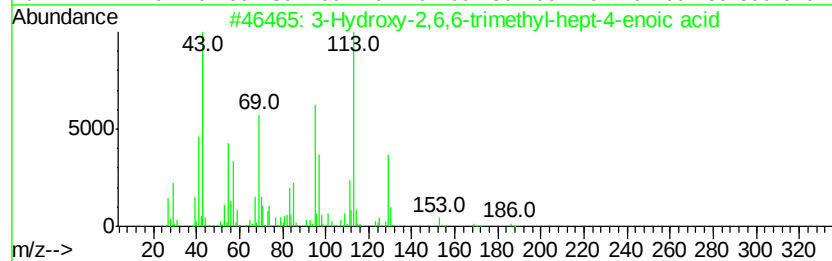
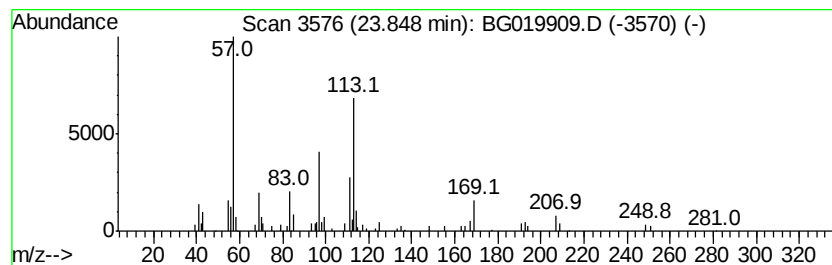
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown23.85 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	2.61 ng	85100	Perylene-d12	25.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Hydroxy-2,6,6-trimethyl-hept-4...	186	C10H18O3	1000185-34-0	35
2			Propanedioic acid, 2-propenyl-, ...	172	C8H12O4	040637-56-7	27
3			Bis(2-ethylhexyl) methylenesucci...	354	C21H38O4	002287-83-4	25
4			Cyclohexane, 1,1'-[1,2-bis(1,1-d...	306	C22H42	065149-85-1	23
5			2-Thiophenemethanamine	113	C5H7NS	027757-85-3	17



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120415\
 Data File : BG019909.D
 Acq On : 4 Dec 2015 17:44
 Operator : UM/NP
 Sample : G4642-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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
2-Pentanone, 4-hy...	5.19	6.9 ng		58415	1	8.12	169979	20.0
unknown7.64	7.64	57.4 ng		488220	1	8.12	169979	20.0
Hexadecane	15.58	2.6 ng		56198	3	14.75	430251	20.0
Tetradecane	16.44	2.6 ng		72142	4	17.49	547612	20.0
n-Hexadecanoic acid	18.37	7.6 ng		208094	4	17.49	547612	20.0
Disulfide, di-ter...	19.22	3.9 ng		106836	4	17.49	547612	20.0
Octadecanoic acid	19.64	4.4 ng		160365	5	21.76	733851	20.0
Cyclohexene, 1-(1...	20.30	2.7 ng		100005	5	21.76	733851	20.0
Isoxazole, 3,5-di...	20.77	5.1 ng		186471	5	21.76	733851	20.0
unknown20.86	20.86	4.7 ng		172505	5	21.76	733851	20.0
2,4,4,6,6,8,8-Hep...	20.99	4.1 ng		150533	5	21.76	733851	20.0
unknown21.04	21.04	5.1 ng		185677	5	21.76	733851	20.0
unknown21.36	21.36	3.4 ng		122791	5	21.76	733851	20.0
1-Nonadecanol	21.40	3.9 ng		142378	5	21.76	733851	20.0
unknown21.55	21.55	6.9 ng		252722	5	21.76	733851	20.0
Cyclohexane, 1,3-...	22.11	3.0 ng		110475	5	21.76	733851	20.0
2-Hexenoic acid, ...	22.73	3.4 ng		123680	5	21.76	733851	20.0
unknown23.08	23.08	3.5 ng		129032	5	21.76	733851	20.0
unknown23.85	23.85	2.6 ng		85100	6	25.05	652902	20.0