

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
 Data File : BG022267.D
 Acq On : 9 Jun 2016 13:53
 Operator : UM/SJ
 Sample : H3402-13 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-46

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-BG060616.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	2.985	19	25	39	rVB	492759	788152	39.21%	3.480%
2	5.664	473	481	491	rBV	160384	309415	15.39%	1.366%
3	7.280	745	756	767	rBV	191425	387714	19.29%	1.712%
4	7.650	810	819	828	rBV	211105	420691	20.93%	1.858%
5	8.120	891	899	910	rBV	126039	245046	12.19%	1.082%
6	8.443	945	954	963	rBV	171842	345560	17.19%	1.526%
7	9.289	1090	1098	1111	rBV	117445	252492	12.56%	1.115%
8	10.935	1371	1378	1385	rBV	219307	446578	22.22%	1.972%
9	12.586	1654	1659	1666	rBV	12014	22390	1.11%	0.099%
10	13.367	1784	1792	1805	rBV	426624	738449	36.73%	3.261%
11	14.072	1905	1912	1917	rBV4	9790	20188	1.00%	0.089%
12	14.190	1925	1932	1940	rVB	64830	110123	5.48%	0.486%
13	14.478	1975	1981	1984	rBV3	11305	21082	1.05%	0.093%
14	14.748	2017	2027	2033	rBV2	360870	618946	30.79%	2.733%
15	14.812	2033	2038	2044	rVB	63443	111592	5.55%	0.493%
16	15.141	2088	2094	2102	rBV	35351	63900	3.18%	0.282%
17	15.788	2198	2204	2214	rVB	69690	124827	6.21%	0.551%
18	16.082	2250	2254	2261	rVB2	16344	29433	1.46%	0.130%
19	16.234	2274	2280	2290	rBV2	334791	599258	29.81%	2.646%
20	16.792	2372	2375	2379	rVV4	18325	28408	1.41%	0.125%
21	17.022	2405	2414	2416	rBV9	12668	30642	1.52%	0.135%
22	17.057	2416	2420	2429	rVB6	11692	26610	1.32%	0.117%
23	17.151	2429	2436	2441	rVB3	20519	41353	2.06%	0.183%
24	17.215	2442	2447	2452	rBV4	27243	51162	2.55%	0.226%
25	17.310	2459	2463	2472	rVB	39455	68492	3.41%	0.302%
26	17.492	2487	2494	2497	rBV	365480	628383	31.26%	2.775%
27	17.533	2497	2501	2508	rVV	718854	1193017	59.35%	5.268%
28	17.621	2511	2516	2523	rVB	160511	271902	13.53%	1.201%
29	17.897	2555	2563	2569	rBV2	60324	137716	6.85%	0.608%
30	18.003	2578	2581	2587	rVB3	15375	23927	1.19%	0.106%
31	18.067	2590	2592	2599	rVB6	16201	26360	1.31%	0.116%
32	18.367	2635	2643	2646	rBV	92251	158534	7.89%	0.700%
33	18.414	2646	2651	2658	rVB	132187	220514	10.97%	0.974%
34	18.490	2659	2664	2669	rBV	46561	81240	4.04%	0.359%

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Integration Parameters: rteint.p
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 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
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35	18.561	2669	2676	2680	rBV3	165417	346309	17.23%	1.529%
36	18.855	2721	2726	2730	rBV	72755	109297	5.44%	0.483%
37	18.902	2730	2734	2740	rVB	40937	65060	3.24%	0.287%
38	19.096	2761	2767	2771	rBV5	35396	67902	3.38%	0.300%
39	19.266	2792	2796	2801	rBV3	66981	121383	6.04%	0.536%
40	19.419	2816	2822	2830	rBV2	54205	113305	5.64%	0.500%
41	19.536	2835	2842	2848	rBV	1276425	2010252	100.00%	8.877%
42	19.630	2855	2858	2863	rVB3	28367	36917	1.84%	0.163%
43	19.777	2881	2883	2891	rVB2	43641	72601	3.61%	0.321%
44	19.865	2893	2898	2899	rVV	207075	275996	13.73%	1.219%
45	19.901	2899	2904	2911	rVV	1216733	1949785	96.99%	8.610%
46	19.965	2911	2915	2921	rVB	63755	108590	5.40%	0.479%
47	20.083	2929	2935	2941	rBV	839814	1229350	61.15%	5.428%
48	20.136	2941	2944	2949	rVB2	58259	91279	4.54%	0.403%
49	20.224	2952	2959	2964	rBV4	88172	208820	10.39%	0.922%
50	20.382	2975	2986	2992	rBV	156242	403527	20.07%	1.782%
51	20.482	2999	3003	3007	rBV	118137	188713	9.39%	0.833%
52	20.541	3010	3013	3017	rVB	93575	140815	7.00%	0.622%
53	20.682	3033	3037	3041	rBV	83843	136119	6.77%	0.601%
54	20.729	3042	3045	3055	rVB	84704	144818	7.20%	0.639%
55	21.152	3113	3117	3124	rVB	82065	150124	7.47%	0.663%
56	21.340	3146	3149	3153	rBV	43410	64079	3.19%	0.283%
57	21.381	3153	3156	3160	rVB	85597	123162	6.13%	0.544%
58	21.434	3161	3165	3170	rBV2	67538	111749	5.56%	0.493%
59	21.757	3212	3220	3226	rBV3	635701	1738828	86.50%	7.678%
60	21.816	3226	3230	3241	rVB	462673	892347	44.39%	3.940%
61	21.969	3253	3256	3264	rVB	77701	134531	6.69%	0.594%
62	24.031	3597	3607	3624	rBV	290510	1426590	70.97%	6.299%
63	24.771	3725	3733	3745	rVB2	159071	522355	25.98%	2.307%
64	24.918	3749	3758	3769	rVV	237104	744648	37.04%	3.288%
65	25.077	3778	3785	3793	rBV2	103546	273525	13.61%	1.208%

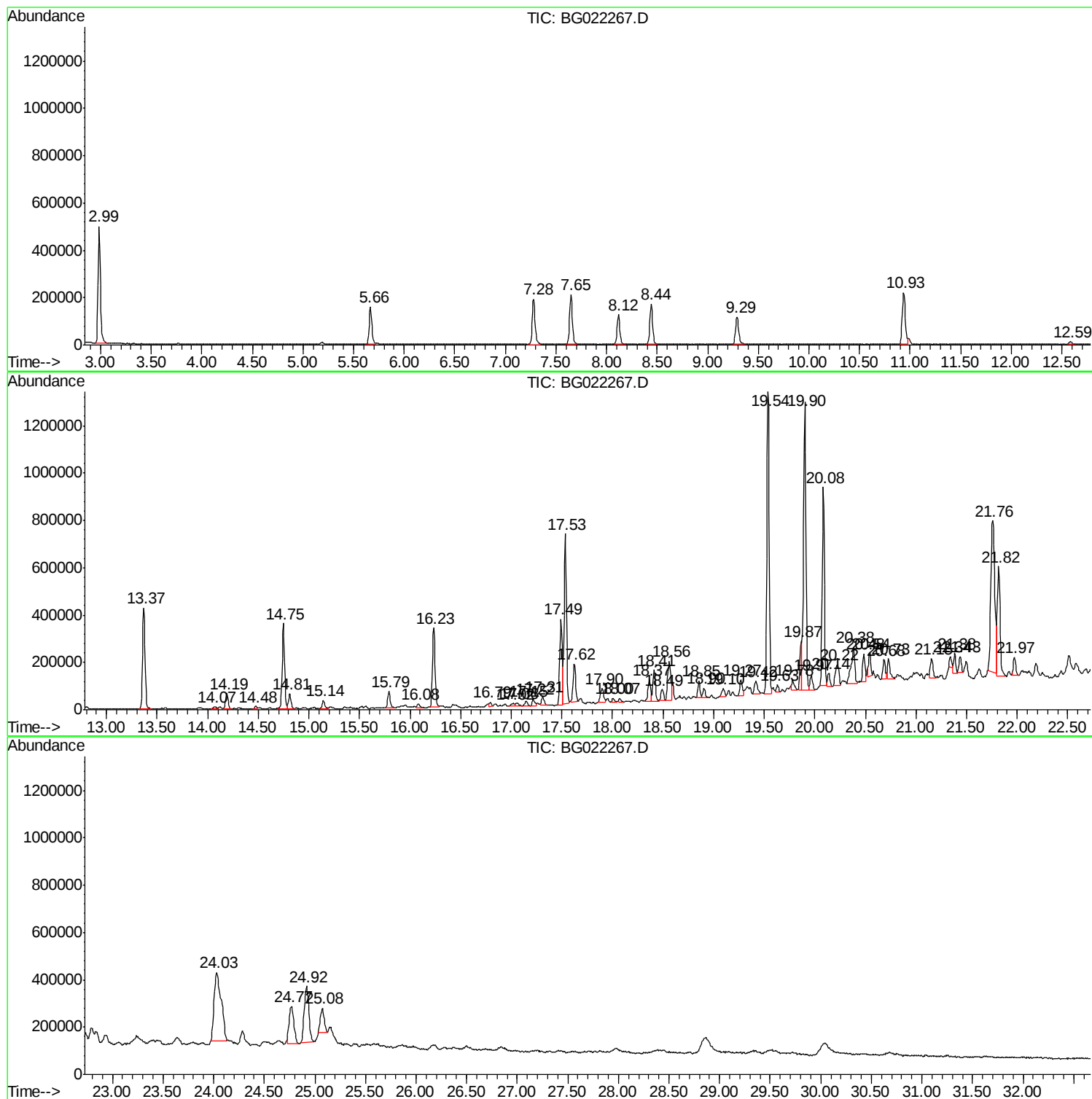
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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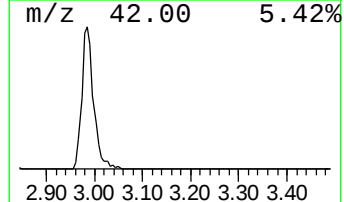
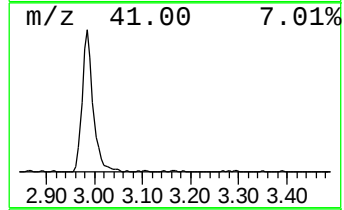
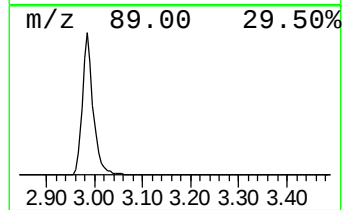
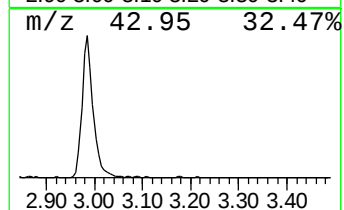
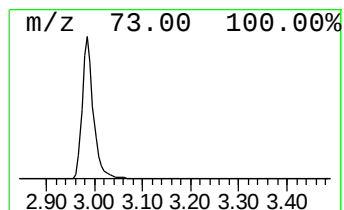
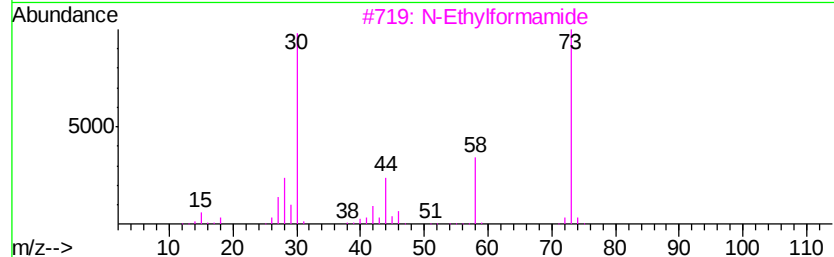
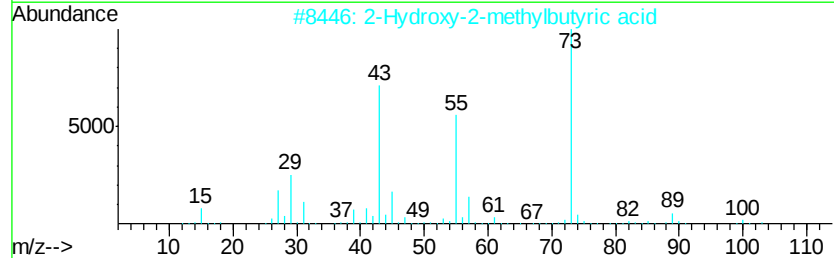
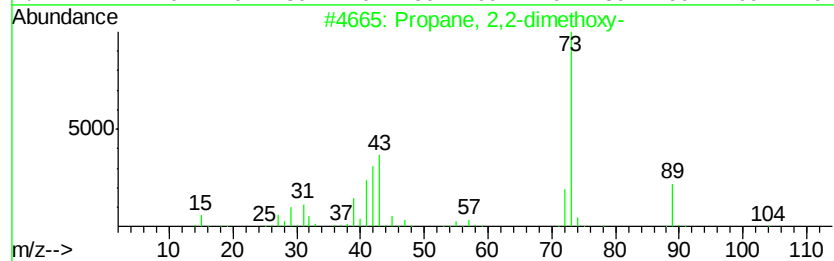
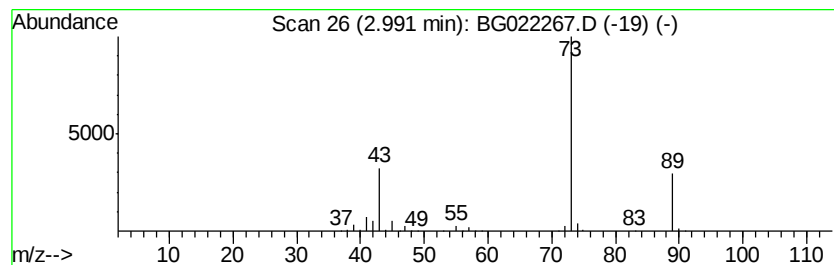
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown2.99 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	64.33 ng	788152	1,4-Dichlorobenzene-d4	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	45
2		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
3		N-Ethylformamide	73	C3H7NO	000627-45-2	7
4		Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7
5		1,3,5-Trioxane	90	C3H6O3	000110-88-3	4



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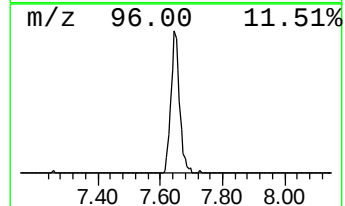
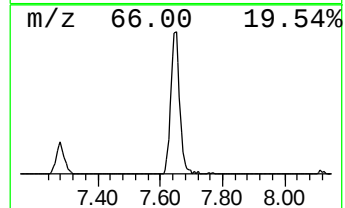
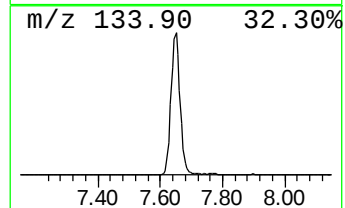
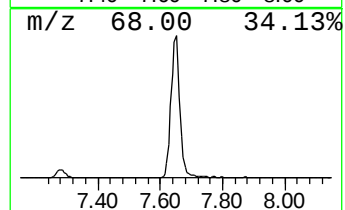
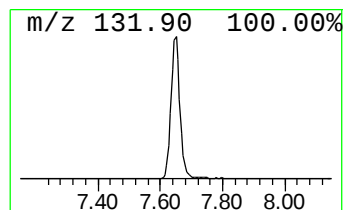
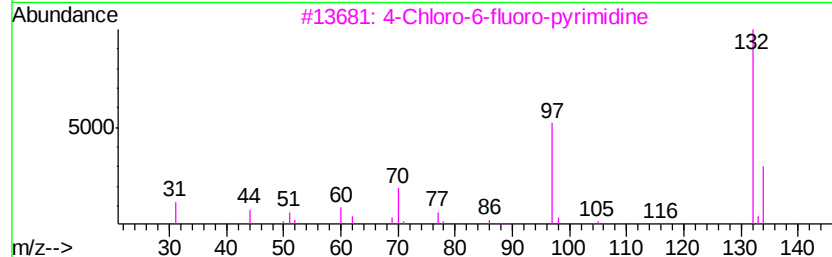
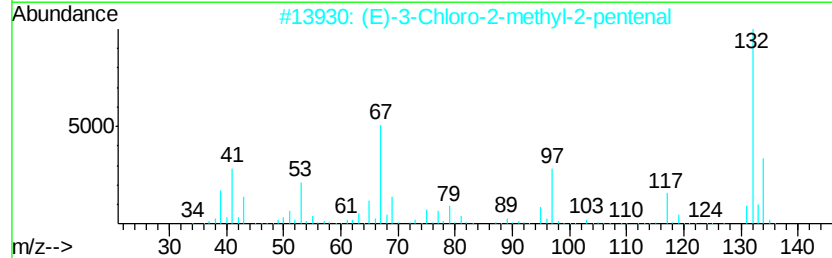
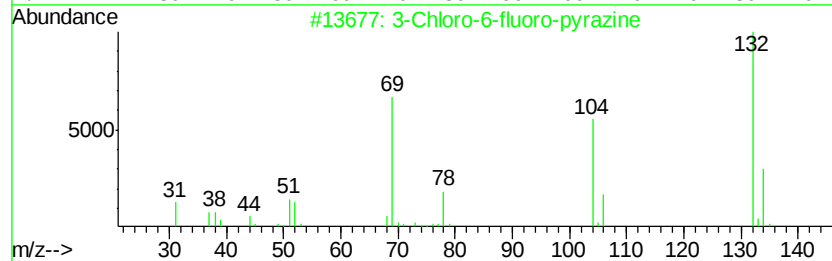
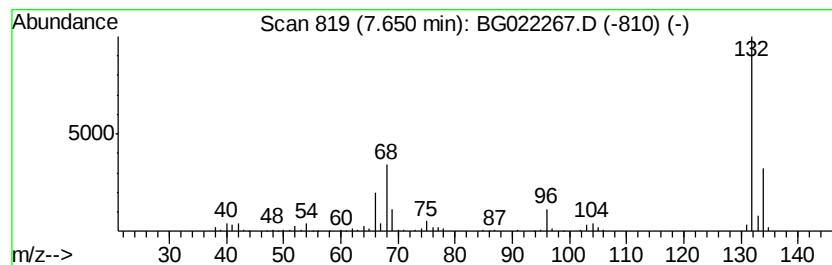
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.65 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	34.34 ng	420691	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	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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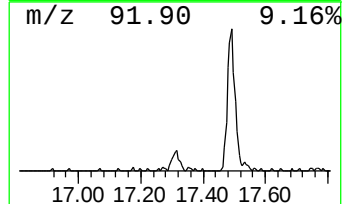
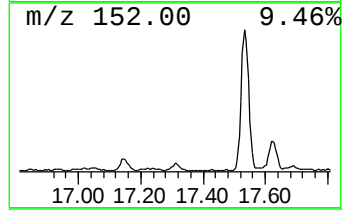
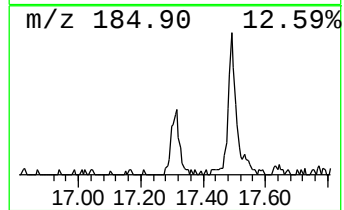
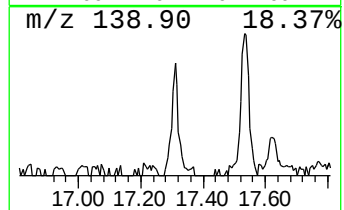
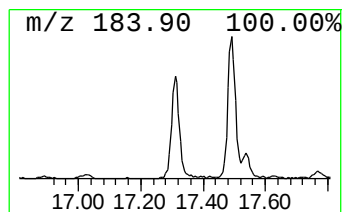
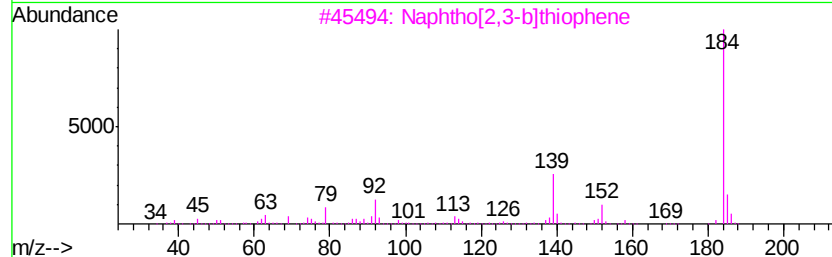
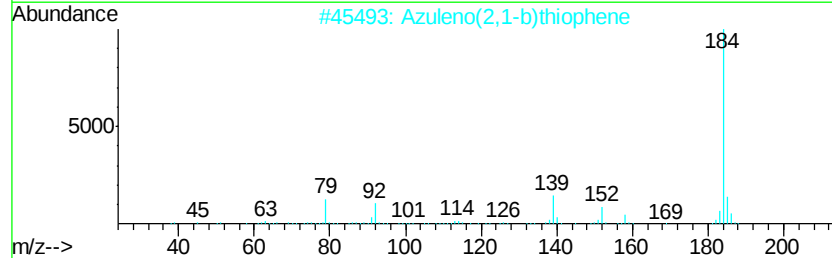
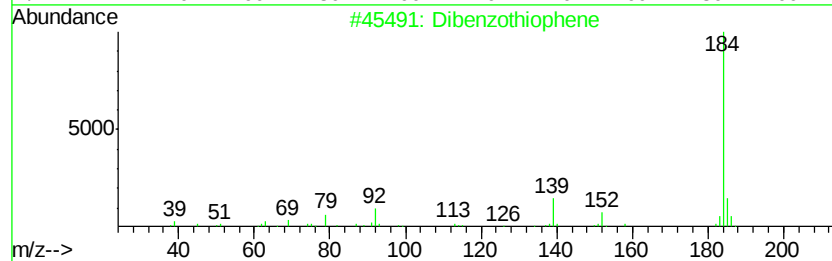
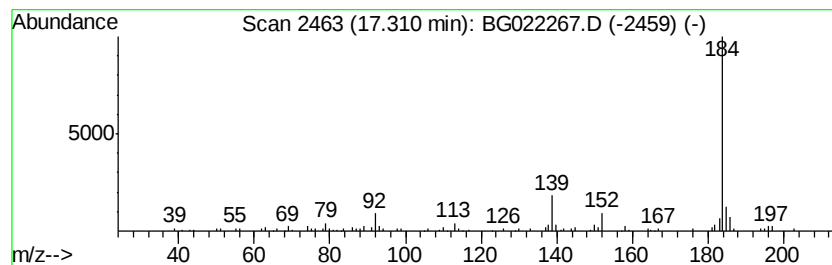
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	2.18 ng	68492	Phenanthrene-d10	17.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzothiophene	184	C12H8S	000132-65-0	97
2		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	94
3		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4		Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	78
5		Benzidine	184	C12H12N2	000092-87-5	64



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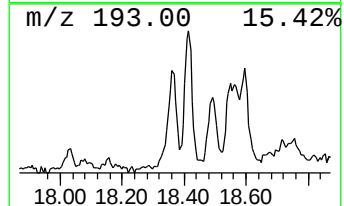
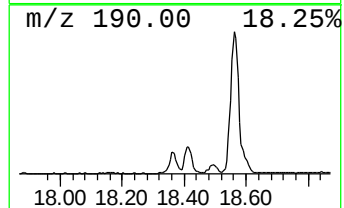
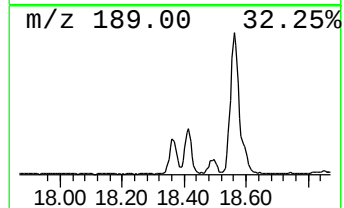
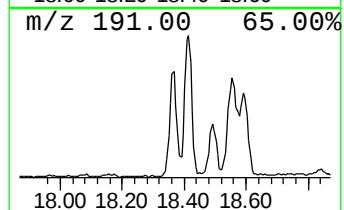
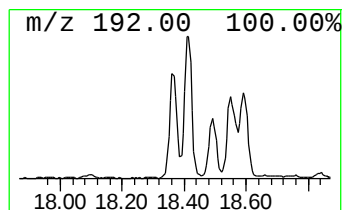
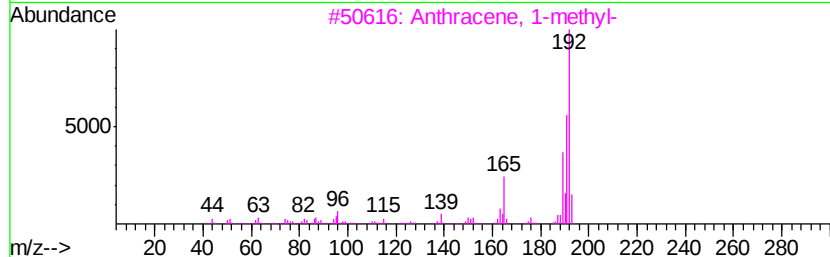
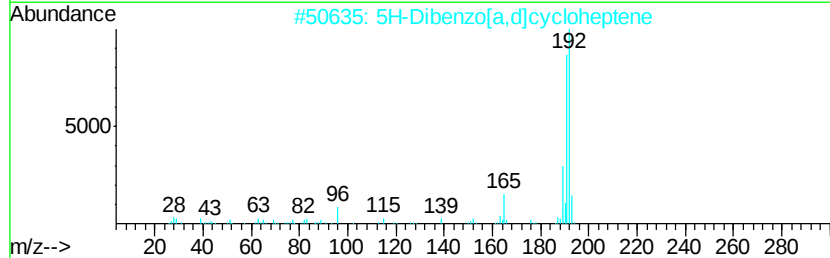
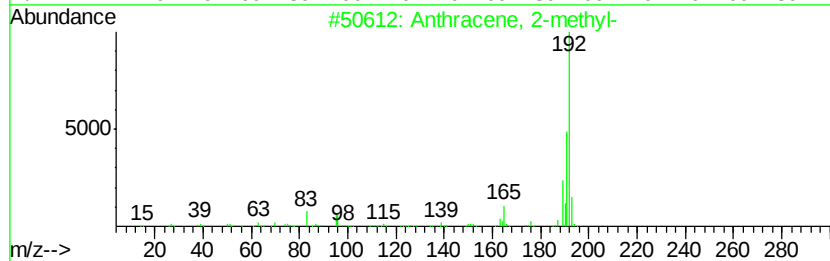
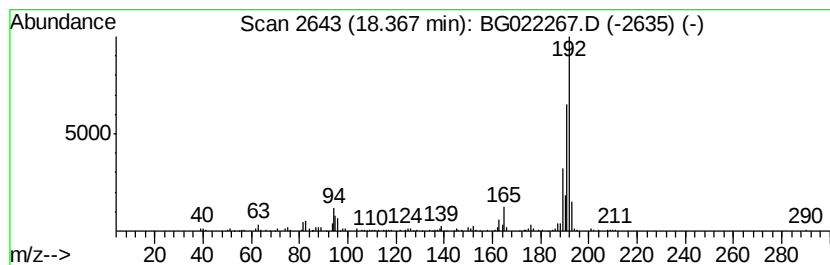
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	5.05 ng	158534	Phenanthrene-d10	17.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4			1H-Cyclopropa[1,1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94



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SS-46

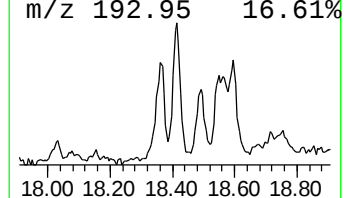
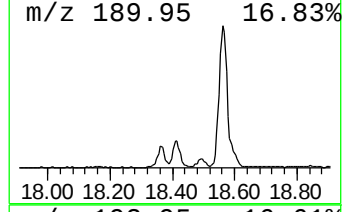
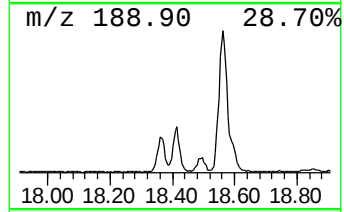
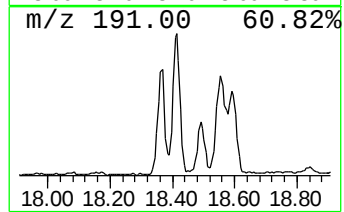
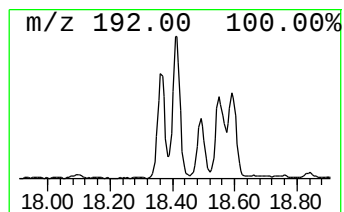
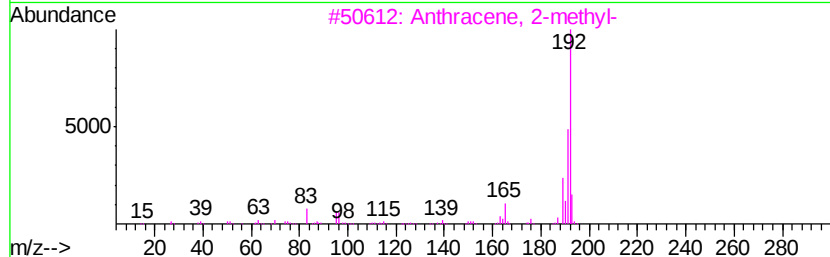
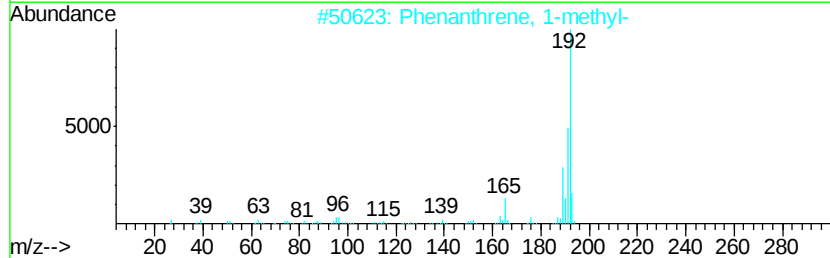
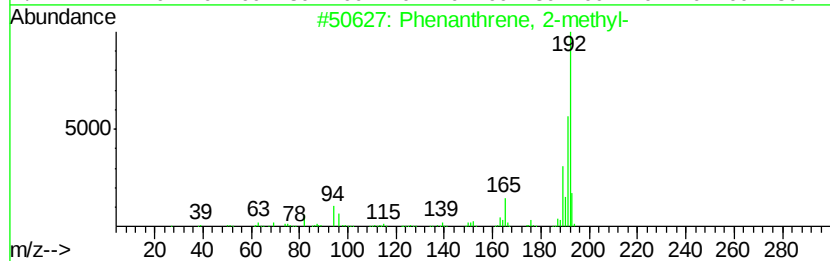
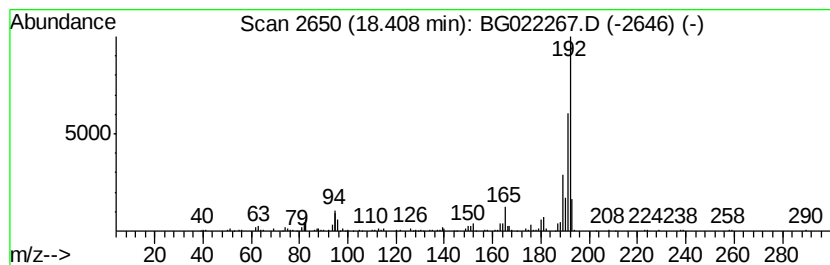
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	7.02 ng	220514	Phenanthrene-d10	17.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4		1H-Cyclopropa[1,1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022267.D
Acq On : 9 Jun 2016 13:53
Operator : UM/SJ
Sample : H3402-13 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-46

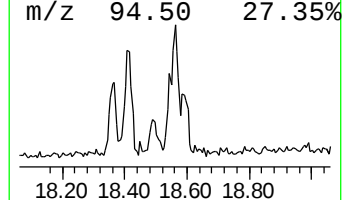
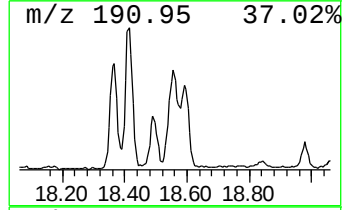
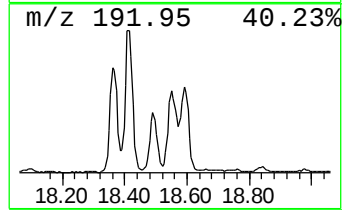
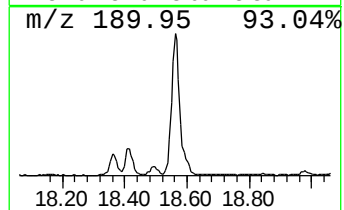
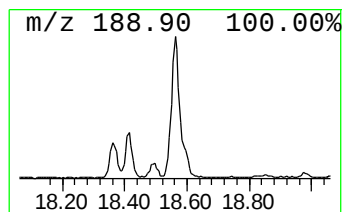
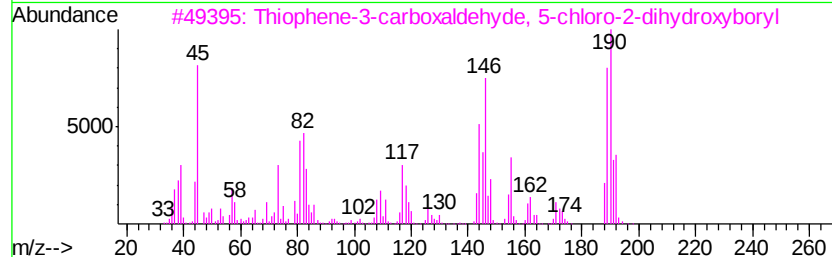
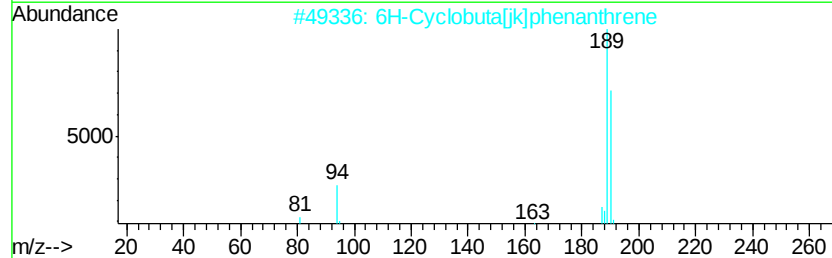
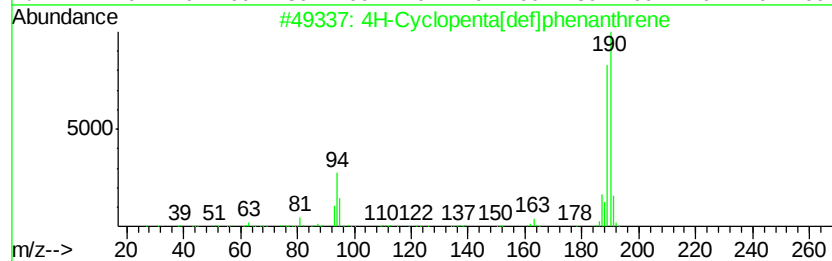
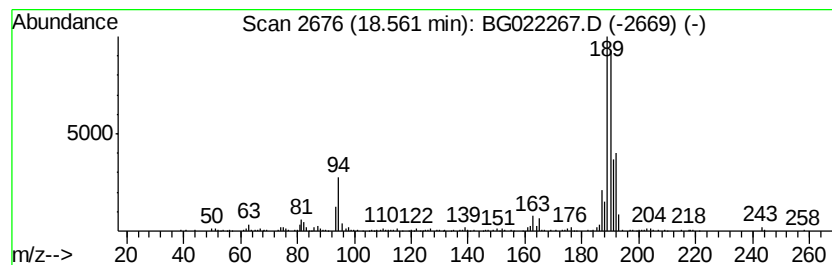
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	11.02 ng	346309	Phenanthrene-d10	17.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	59
3		Thiophene-3-carboxaldehyd, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
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Operator : UM/SJ
Sample : H3402-13 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

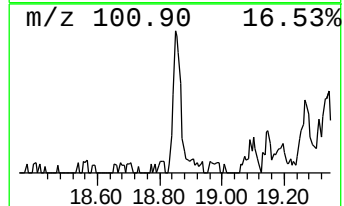
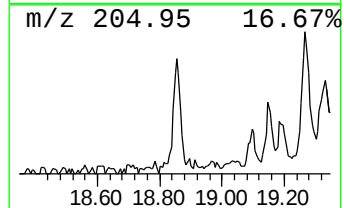
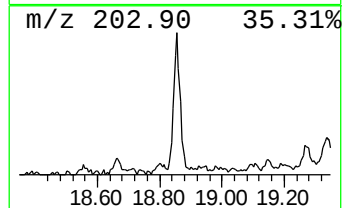
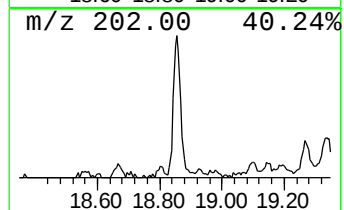
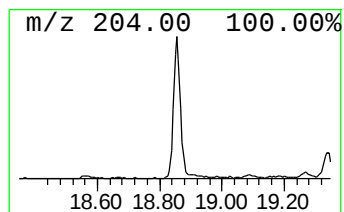
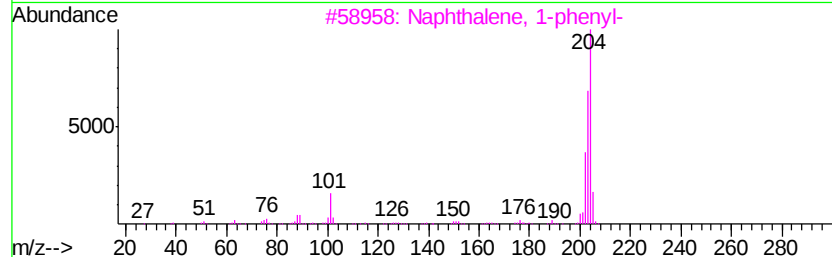
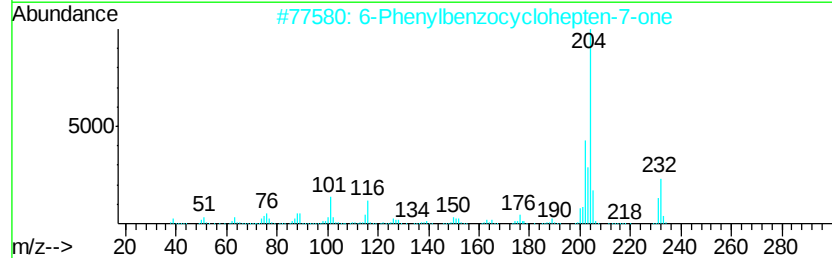
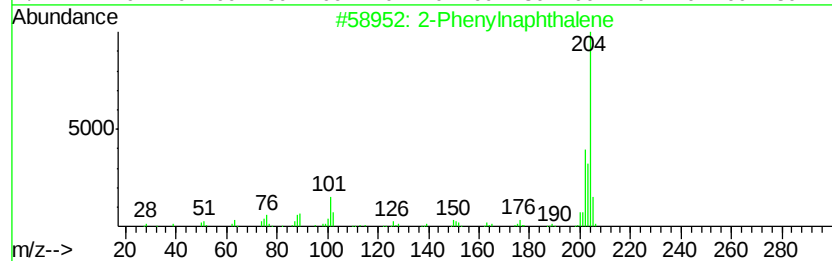
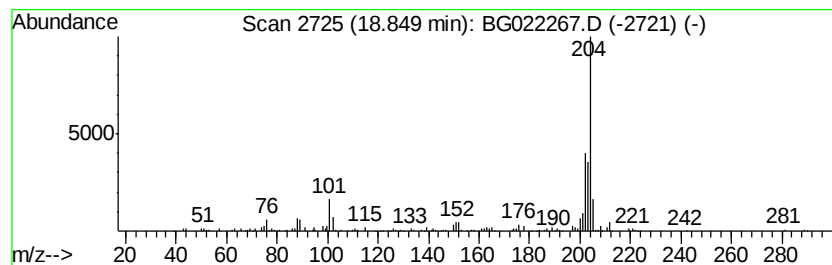
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BNA_G
ClientSampled :
SS-46

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2-Phenylnaphthalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.85	3.48 ng	109297	Phenanthrene-d10	17.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	96
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022267.D
Acq On : 9 Jun 2016 13:53
Operator : UM/SJ
Sample : H3402-13 2X
Misc :
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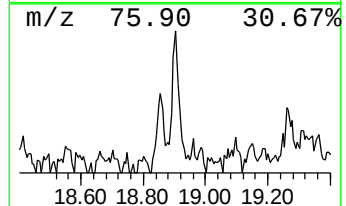
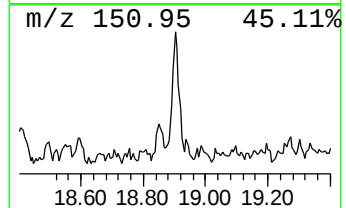
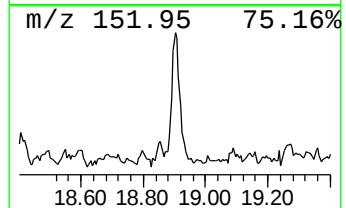
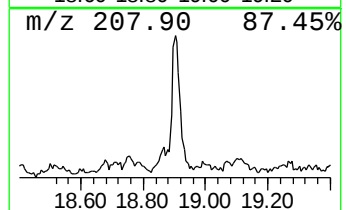
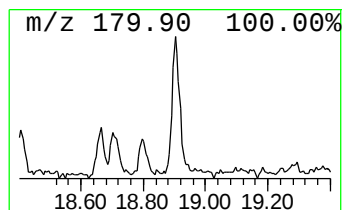
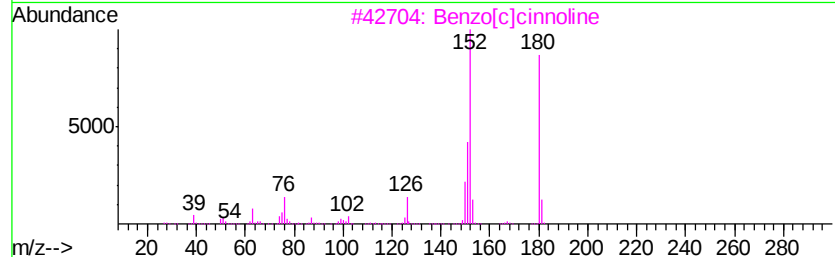
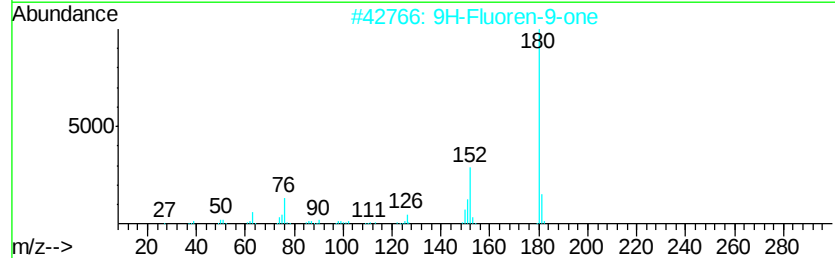
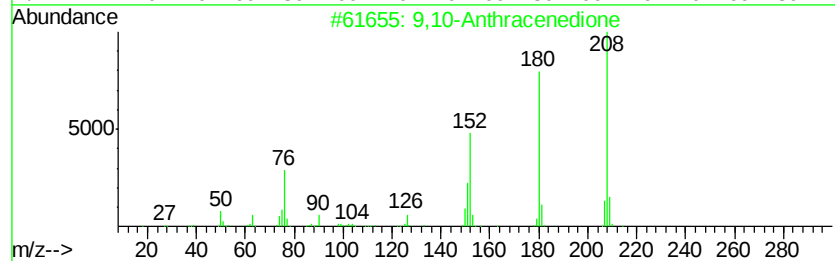
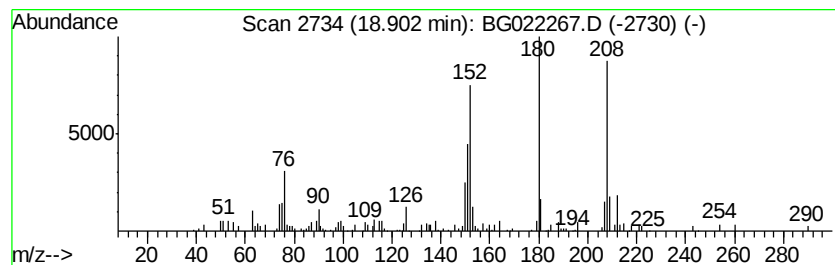
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.90	2.07 ng	65060	Phenanthrene-d10		17.49
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG02267.D
Acq On : 9 Jun 2016 13:53
Operator : UM/SJ
Sample : H3402-13 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SS-46

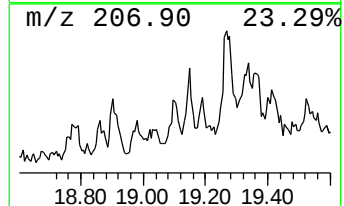
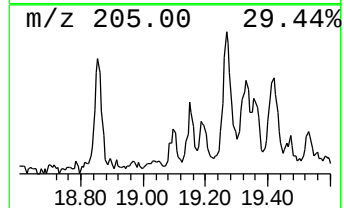
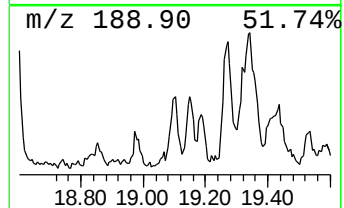
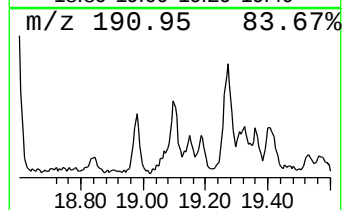
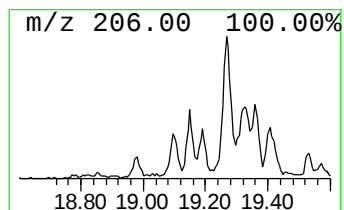
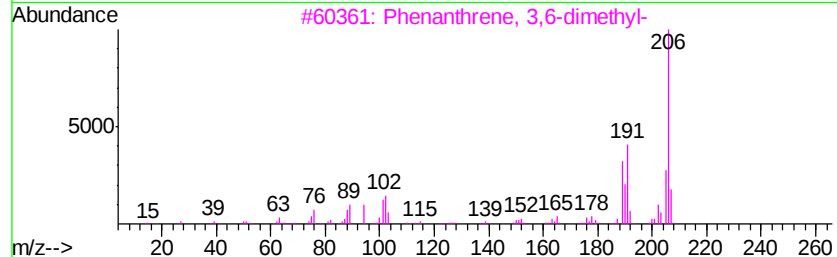
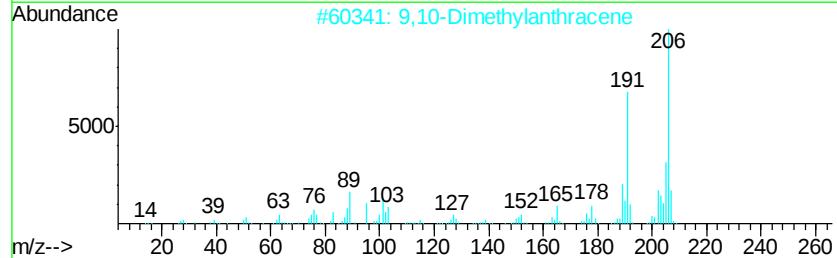
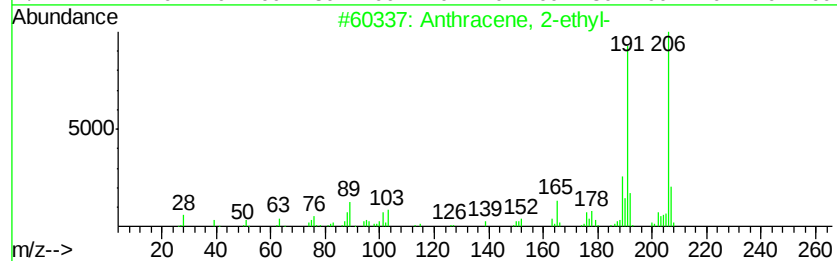
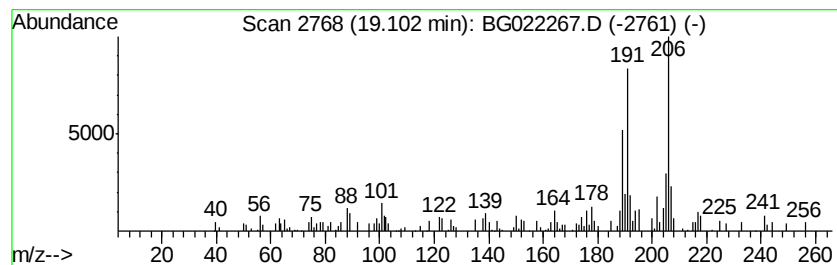
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Anthracene, 2-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	2.16 ng	67902	Phenanthrene-d10	17.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-ethyl-	206	C16H14	052251-71-5	94
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	89
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
4			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	89
5			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022267.D
Acq On : 9 Jun 2016 13:53
Operator : UM/SJ
Sample : H3402-13 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-46

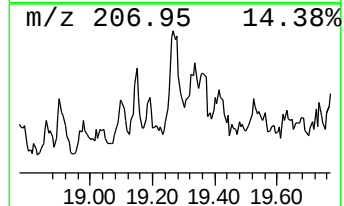
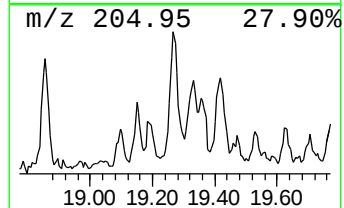
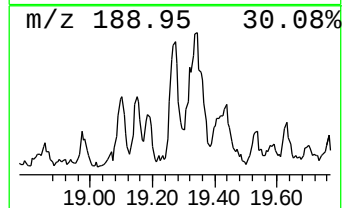
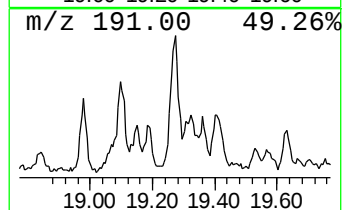
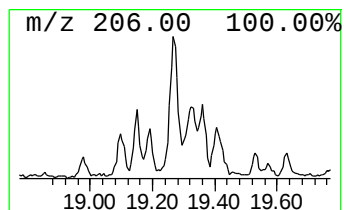
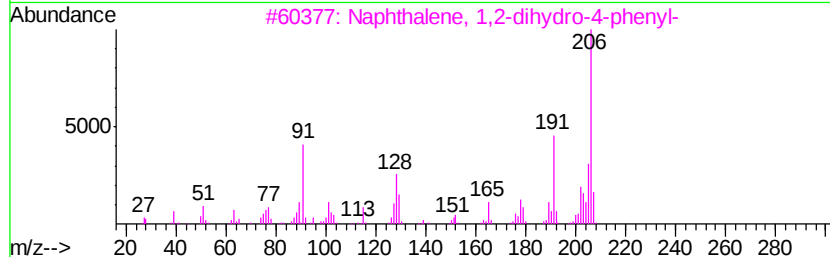
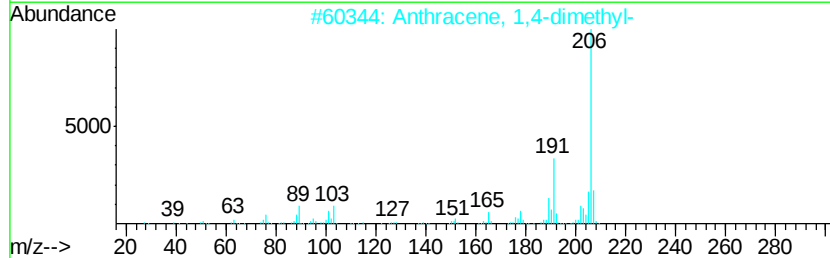
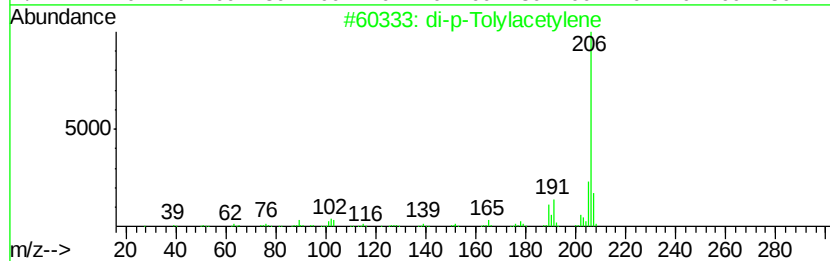
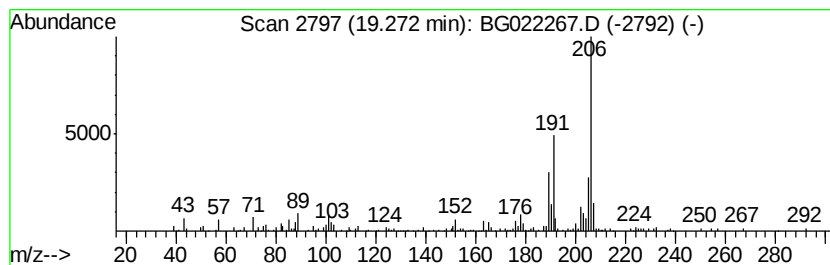
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 di-p-Tolylacetylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	3.86 ng	121383	Phenanthrene-d10	17.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3		Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	90
5		[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022267.D
Acq On : 9 Jun 2016 13:53
Operator : UM/SJ
Sample : H3402-13 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SS-46

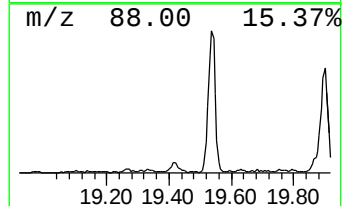
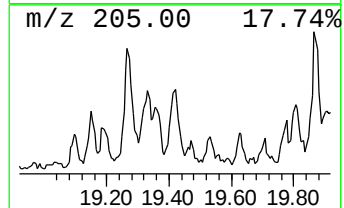
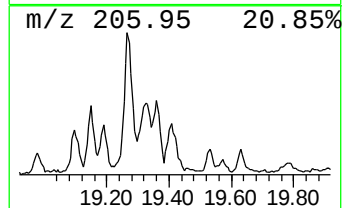
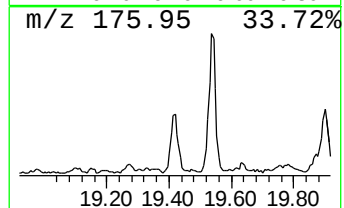
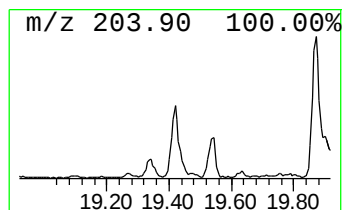
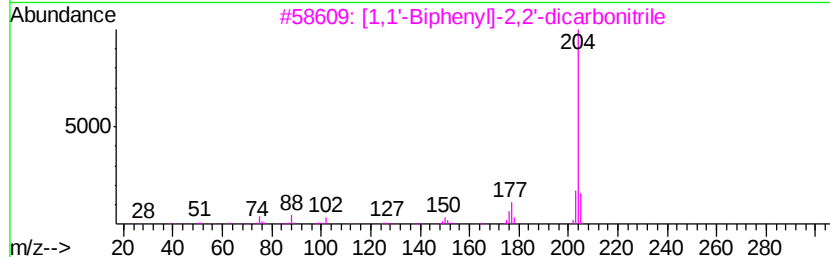
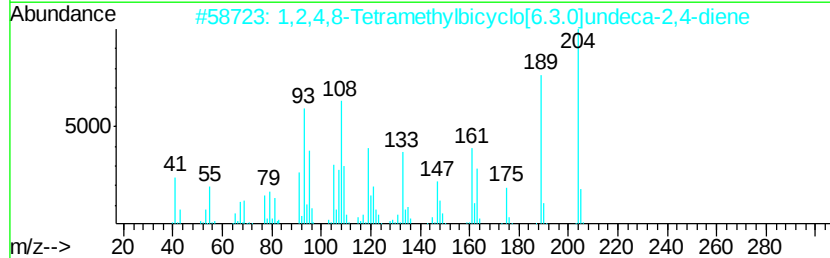
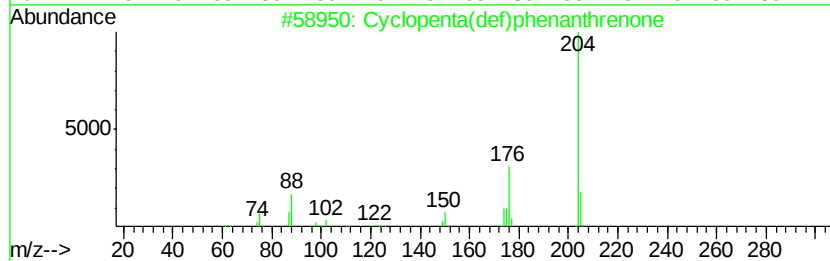
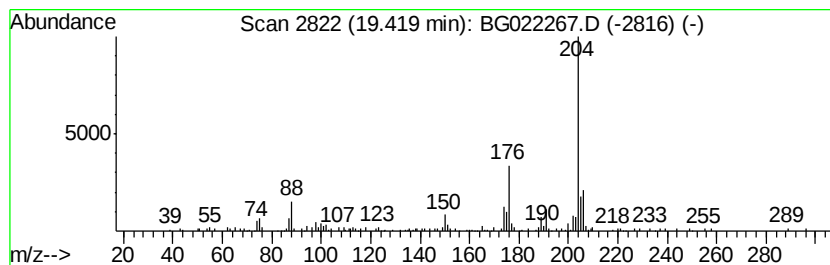
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	3.61 ng	113305	Phenanthrene-d10	17.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	49
3		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49
4		1,4-Naphthalenedione, 2-hydroxy-	204	C11H8O4	005257-83-0	47
5		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG02267.D
Acq On : 9 Jun 2016 13:53
Operator : UM/SJ
Sample : H3402-13 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-46

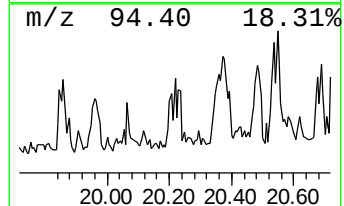
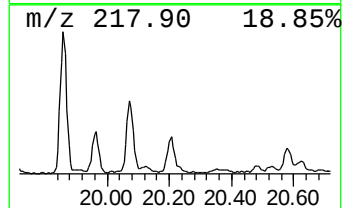
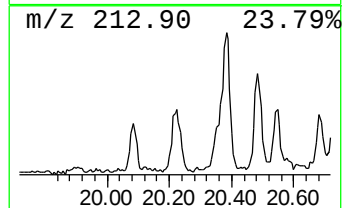
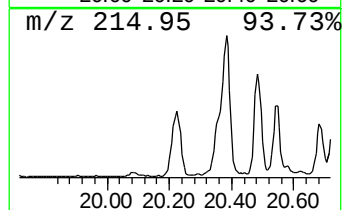
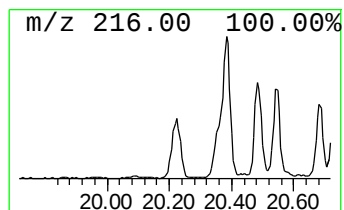
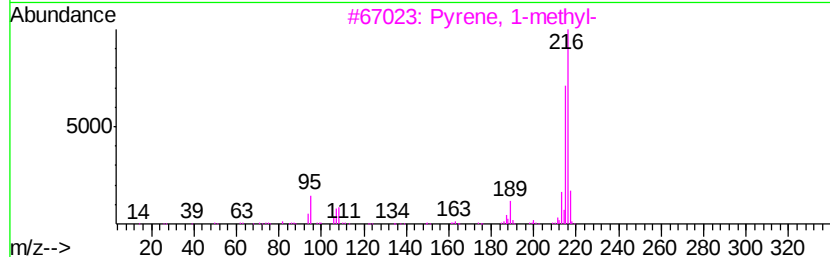
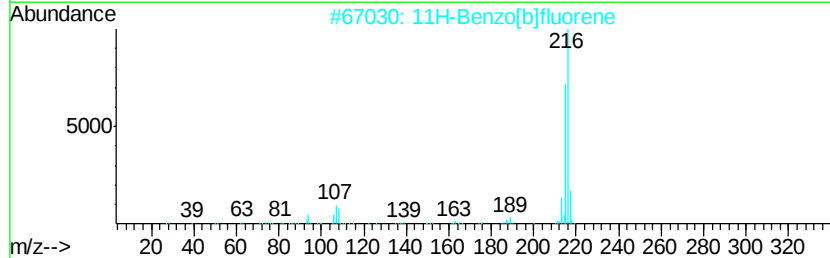
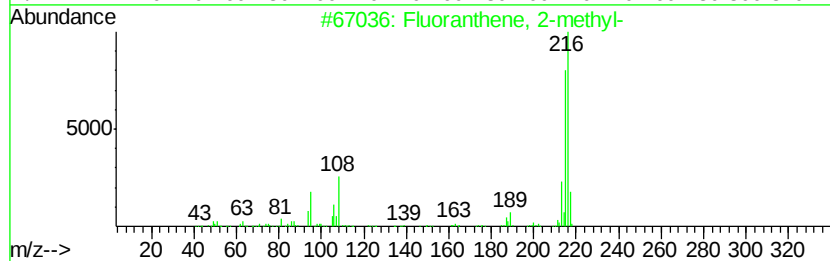
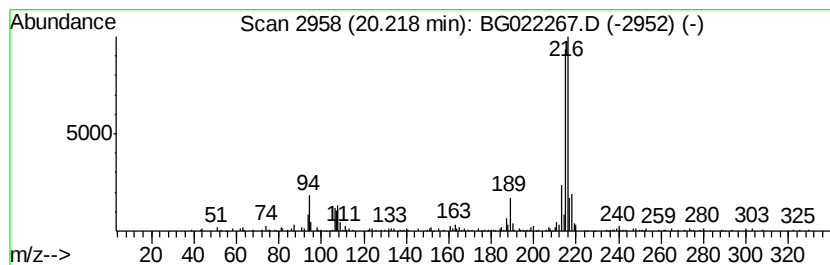
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.22	2.40 ng	208820	Chrysene-d12	21.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	83
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022267.D
Acq On : 9 Jun 2016 13:53
Operator : UM/SJ
Sample : H3402-13 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

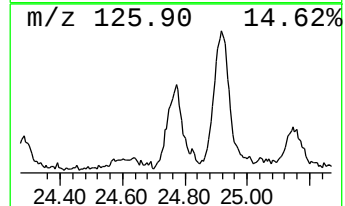
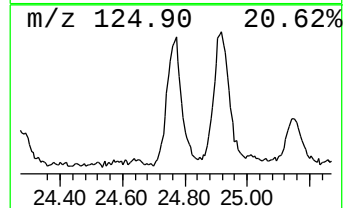
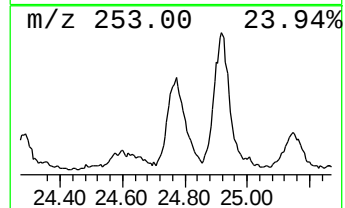
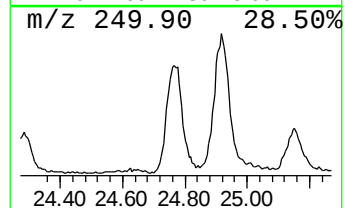
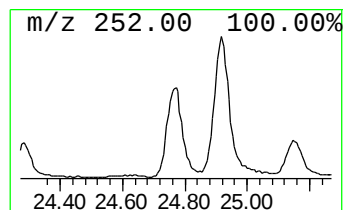
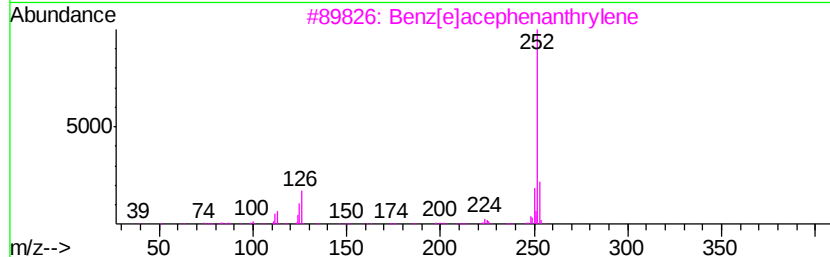
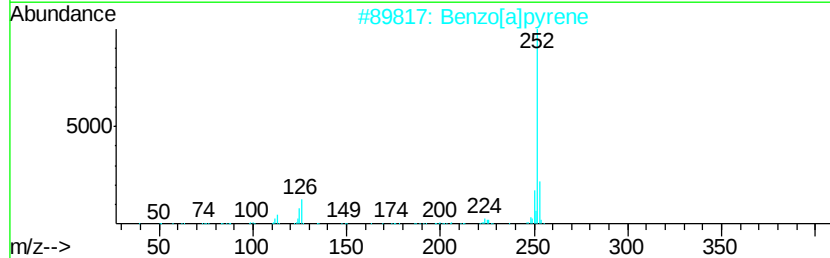
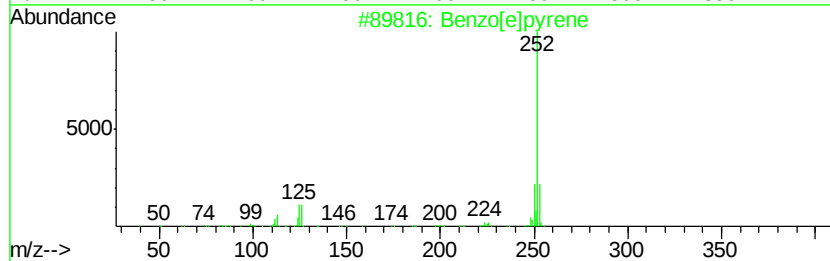
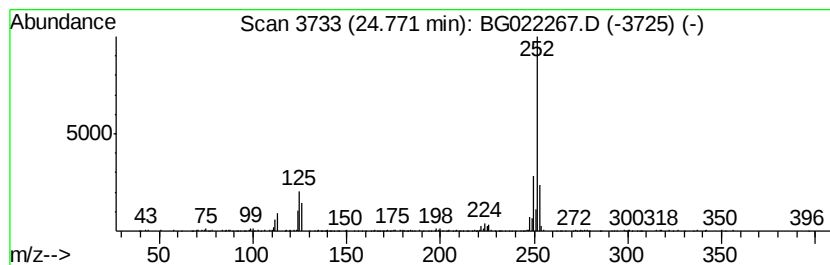
Instrument :
BNA_G
ClientSampleId :
SS-46

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.77	38.19 ng	522355	Perylene-d12	25.08	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060916\
 Data File : BG022267.D
 Acq On : 9 Jun 2016 13:53
 Operator : UM/SJ
 Sample : H3402-13 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-46

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown2.99	2.99	64.3	ng	788152	1	8.12	245046	20.0
unknown7.65	7.65	34.3	ng	420691	1	8.12	245046	20.0
Dibenzothiophene	17.31	2.2	ng	68492	4	17.49	628383	20.0
Anthracene, 2-met...	18.37	5.0	ng	158534	4	17.49	628383	20.0
Phenanthrene, 2-m...	18.41	7.0	ng	220514	4	17.49	628383	20.0
4H-Cyclopenta[def...	18.56	11.0	ng	346309	4	17.49	628383	20.0
2-Phenylnaphthalene	18.85	3.5	ng	109297	4	17.49	628383	20.0
9,10-Anthracenedione	18.90	2.1	ng	65060	4	17.49	628383	20.0
Anthracene, 2-ethyl-	19.10	2.2	ng	67902	4	17.49	628383	20.0
di-p-Tolylacetylene	19.27	3.9	ng	121383	4	17.49	628383	20.0
Cyclopenta(def)ph...	19.42	3.6	ng	113305	4	17.49	628383	20.0
Fluoranthene, 2-m...	20.22	2.4	ng	208820	5	21.77	1738830	20.0
Benzo[e]pyrene	24.77	38.2	ng	522355	6	25.08	273525	20.0