

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
 Data File : BG016773.D
 Acq On : 28 Apr 2015 20:11
 Operator : TP/IZ
 Sample : G2022-06 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMP

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-BG042315.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	10.350	1297	1304	1308	rBV	340172	562931	2.49%	0.207%
2	10.403	1308	1313	1320	rVB	743854	1233420	5.47%	0.454%
3	12.025	1579	1589	1597	rBV	580923	906557	4.02%	0.334%
4	12.242	1616	1626	1637	rBV	382060	628977	2.79%	0.231%
5	12.836	1720	1727	1741	rVB	323076	479070	2.12%	0.176%
6	13.541	1837	1847	1852	rBV	385567	668181	2.96%	0.246%
7	13.946	1906	1916	1929	rBV	322255	630651	2.79%	0.232%
8	14.222	1953	1963	1968	rBV4	476700	936215	4.15%	0.345%
9	14.287	1968	1974	1982	rVV	1813896	2679003	11.87%	0.986%
10	14.628	2025	2032	2039	rVB	1718230	2537299	11.25%	0.934%
11	15.280	2135	2143	2153	rVB	2903901	4253608	18.85%	1.565%
12	15.432	2166	2169	2174	rVV2	304715	448234	1.99%	0.165%
13	15.568	2188	2192	2201	rVB	619212	914263	4.05%	0.336%
14	15.714	2207	2217	2225	rBV	808119	1588739	7.04%	0.585%
15	16.279	2306	2313	2318	rVV2	527351	1000260	4.43%	0.368%
16	16.637	2369	2374	2380	rVB	616649	913273	4.05%	0.336%
17	16.725	2380	2389	2394	rVV3	553150	1186994	5.26%	0.437%
18	16.790	2394	2400	2411	rVB	1261795	1957195	8.67%	0.720%
19	16.978	2423	2432	2433	rBV	387765	557293	2.47%	0.205%
20	17.048	2433	2444	2448	rVV	8865659	22377399	99.17%	8.236%
21	17.119	2448	2456	2460	rVV	4727371	7105105	31.49%	2.615%
22	17.166	2460	2464	2469	rVB2	369825	584579	2.59%	0.215%
23	17.348	2489	2495	2497	rBV	293280	406533	1.80%	0.150%
24	17.383	2497	2501	2513	rVV	1455892	2245122	9.95%	0.826%
25	17.489	2515	2519	2526	rVV2	392392	567705	2.52%	0.209%
26	17.554	2526	2530	2538	rVB6	266024	484544	2.15%	0.178%
27	17.847	2571	2580	2584	rBV	1947524	2885214	12.79%	1.062%
28	17.900	2584	2589	2595	rVB	2776593	3821065	16.93%	1.406%
29	17.982	2595	2603	2607	rBV	981981	1491844	6.61%	0.549%
30	18.047	2607	2614	2618	rBV3	3086903	5557646	24.63%	2.045%
31	18.082	2618	2620	2627	rVB	1163439	1253800	5.56%	0.461%
32	18.353	2661	2666	2670	rVV	1541528	2138855	9.48%	0.787%
33	18.405	2670	2675	2681	rVV	908893	1209382	5.36%	0.445%
34	18.599	2701	2708	2713	rBV	352993	554613	2.46%	0.204%

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Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
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35	18.652	2713	2717	2720	rVV	386566	469370	2.08%	0.173%
36	18.687	2720	2723	2729	rVB2	312983	438429	1.94%	0.161%
37	18.770	2730	2737	2742	rBV	691489	1306985	5.79%	0.481%
38	18.840	2742	2749	2752	rVV4	468881	1022666	4.53%	0.376%
39	18.934	2758	2765	2770	rBV2	795414	1406242	6.23%	0.518%
40	19.075	2777	2789	2793	rBV	8454716	22563749	100.00%	8.304%
41	19.146	2797	2801	2805	rVB	446540	573290	2.54%	0.211%
42	19.287	2814	2825	2829	rBV2	912125	1775673	7.87%	0.654%
43	19.410	2838	2846	2847	rBV2	6690086	11231050	49.77%	4.133%
44	19.481	2854	2858	2865	rVB2	1016922	1501750	6.66%	0.553%
45	19.586	2865	2876	2883	rBV2	1393940	2680251	11.88%	0.986%
46	19.651	2883	2887	2892	rVB	1168933	1558205	6.91%	0.573%
47	19.739	2894	2902	2907	rBV2	1140343	2955841	13.10%	1.088%
48	19.786	2907	2910	2914	rBV	433651	537744	2.38%	0.198%
49	19.863	2918	2923	2925	rBV3	833710	1331238	5.90%	0.490%
50	19.910	2926	2931	2935	rVB	2781925	4176430	18.51%	1.537%
51	20.004	2942	2947	2951	rBV	2591801	3564968	15.80%	1.312%
52	20.062	2951	2957	2961	rVV2	1584482	2816785	12.48%	1.037%
53	20.098	2961	2963	2967	rVB	514572	498476	2.21%	0.183%
54	20.139	2967	2970	2974	rVB	357934	441986	1.96%	0.163%
55	20.203	2976	2981	2984	rBV	802004	1050273	4.65%	0.387%
56	20.244	2984	2988	2992	rVB	833070	1028200	4.56%	0.378%
57	20.526	3032	3036	3040	rVB3	458866	685013	3.04%	0.252%
58	20.609	3045	3050	3054	rBV3	402893	727049	3.22%	0.268%
59	20.656	3054	3058	3064	rVB	1354724	1745770	7.74%	0.642%
60	20.814	3078	3085	3088	rBV2	2000644	2821900	12.51%	1.039%
61	20.856	3088	3092	3095	rVV	1940018	2573099	11.40%	0.947%
62	20.897	3095	3099	3103	rVV2	1986273	3197671	14.17%	1.177%
63	20.932	3103	3105	3106	rVV	445019	451201	2.00%	0.166%
64	20.955	3106	3109	3118	rVB	1366355	1808158	8.01%	0.665%
65	21.049	3118	3125	3134	rBV	633723	1437508	6.37%	0.529%
66	21.173	3134	3146	3150	rBV2	6863449	16958359	75.16%	6.241%
67	21.226	3150	3155	3162	rVV	6718842	11823943	52.40%	4.352%
68	21.331	3168	3173	3177	rVV	1761480	2409533	10.68%	0.887%
69	21.378	3177	3181	3184	rVV3	626277	999083	4.43%	0.368%
70	21.408	3184	3186	3188	rVV2	431908	561175	2.49%	0.207%
71	21.437	3188	3191	3194	rVV	912168	1099858	4.87%	0.405%

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72	21.484	3194	3199	3203	rVV2	1425150	2331544	10.33%	0.858%
73	21.525	3203	3206	3210	rVB2	364612	425634	1.89%	0.157%
74	21.649	3224	3227	3231	rVV	669835	923063	4.09%	0.340%
75	21.707	3231	3237	3241	rVV	1690786	2917387	12.93%	1.074%
76	21.760	3242	3246	3252	rVV2	848536	1424824	6.31%	0.524%
77	21.825	3252	3257	3260	rVV2	537393	857810	3.80%	0.316%
78	21.860	3260	3263	3267	rVV2	740783	1064825	4.72%	0.392%
79	21.907	3267	3271	3273	rVV	977610	1484089	6.58%	0.546%
80	21.937	3274	3276	3281	rVB2	947532	1127468	5.00%	0.415%
81	21.995	3281	3286	3290	rBV2	712655	1012984	4.49%	0.373%
82	22.189	3314	3319	3323	rBV4	624481	1079891	4.79%	0.397%
83	22.471	3361	3367	3371	rBV2	777788	1389446	6.16%	0.511%
84	22.747	3401	3414	3417	rBV2	5183872	15175066	67.25%	5.585%
85	22.824	3424	3427	3433	rVB2	489231	724212	3.21%	0.267%
86	22.894	3433	3439	3443	rBV	1663157	2659922	11.79%	0.979%
87	23.018	3454	3460	3468	rBV2	497100	1471626	6.52%	0.542%
88	23.094	3468	3473	3476	rBV3	328832	657744	2.92%	0.242%
89	23.206	3484	3492	3501	rVB	3535348	8282533	36.71%	3.048%
90	23.311	3501	3510	3516	rBV	4619342	11092952	49.16%	4.083%
91	23.382	3519	3522	3525	rVV	339020	580507	2.57%	0.214%
92	23.441	3526	3532	3538	rVB2	2220102	4255217	18.86%	1.566%
93	23.640	3560	3566	3569	rBV	274309	584364	2.59%	0.215%
94	23.917	3608	3613	3623	rVB6	238149	571595	2.53%	0.210%
95	24.234	3662	3667	3679	rVB	411142	1038473	4.60%	0.382%
96	24.927	3780	3785	3791	rBV4	174397	408237	1.81%	0.150%
97	25.650	3895	3908	3915	rBV2	2254815	7588961	33.63%	2.793%
98	25.879	3939	3947	3954	rBV	492847	1310871	5.81%	0.482%
99	26.349	4012	4027	4039	rBV3	1643437	6249118	27.70%	2.300%
100	26.684	4076	4084	4101	rVB3	569898	2032401	9.01%	0.748%

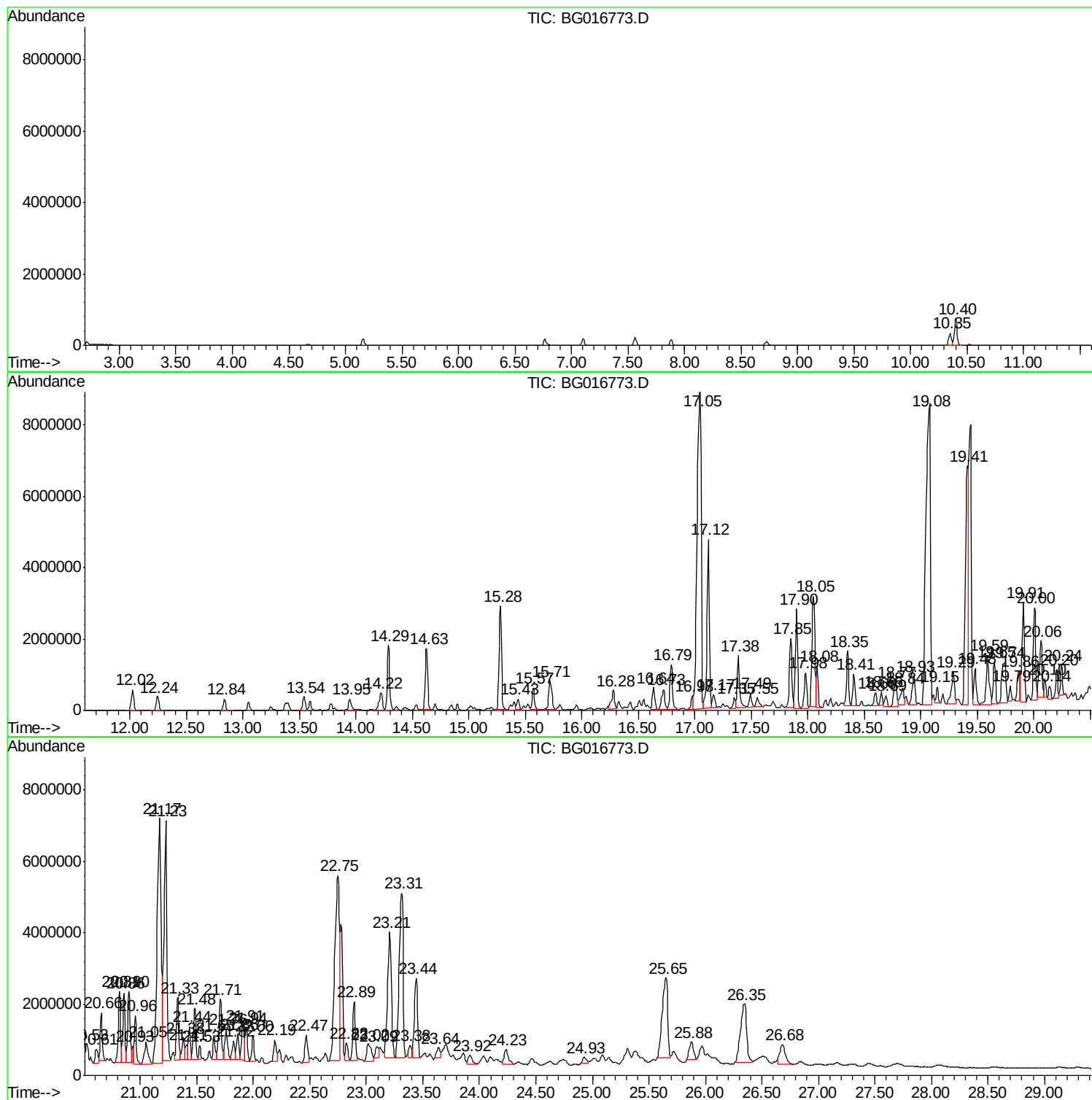
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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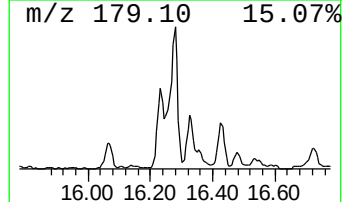
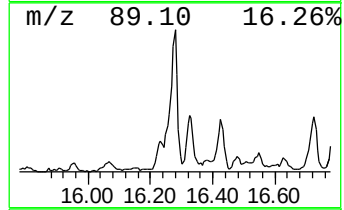
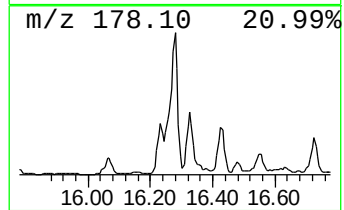
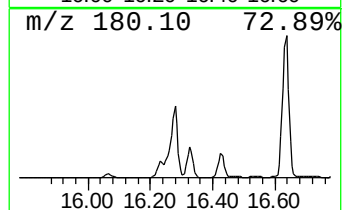
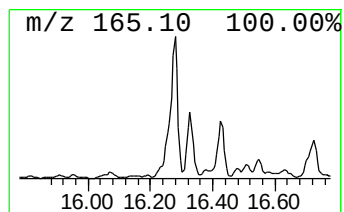
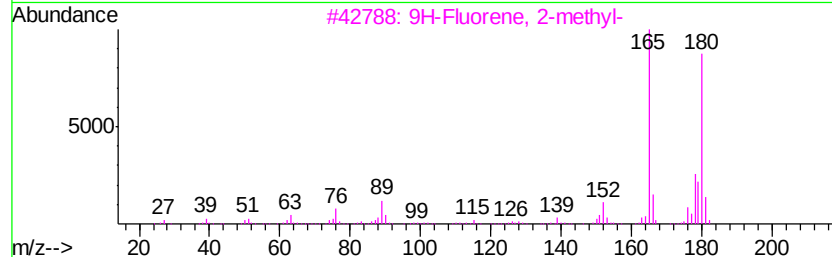
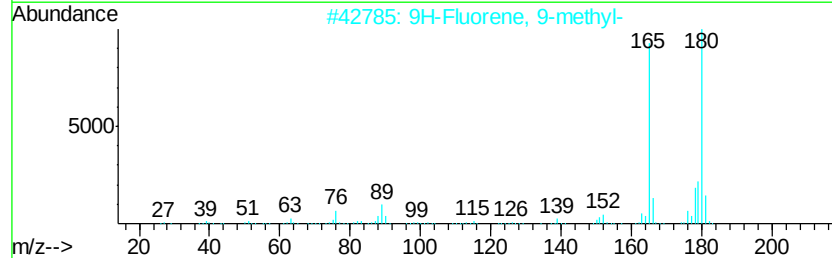
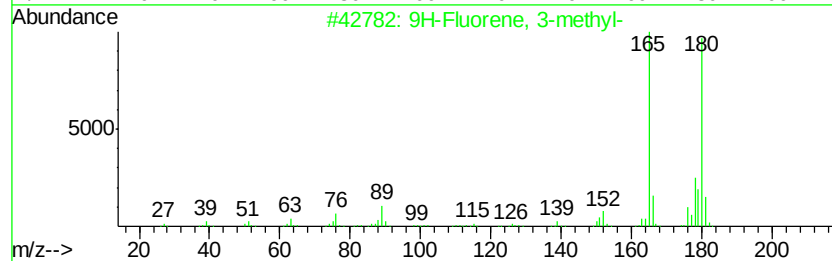
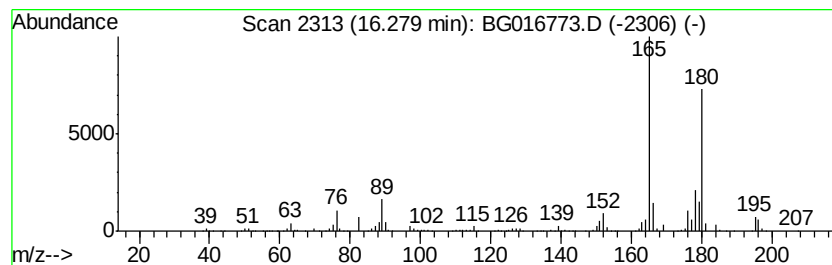
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 9H-Fluorene, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.28	35.90 ng	1000260	Phenanthrene-d10		16.98	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-		180	C14H12	002523-39-9	93
2	9H-Fluorene, 9-methyl-		180	C14H12	002523-37-7	90
3	9H-Fluorene, 2-methyl-		180	C14H12	001430-97-3	90
4	9H-Fluorene, 1-methyl-		180	C14H12	001730-37-6	90
5	Ethanone, 1-(3,4-dimethoxyphenyl)-		180	C10H12O3	001131-62-0	52



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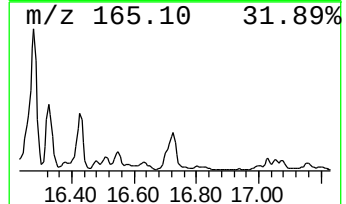
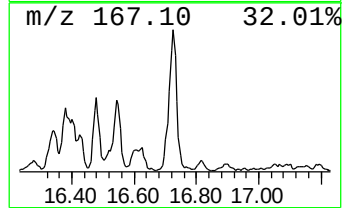
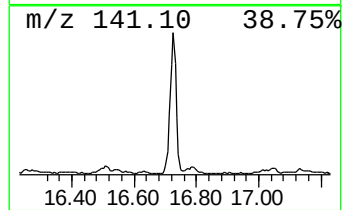
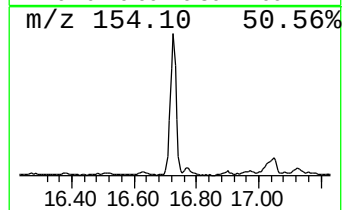
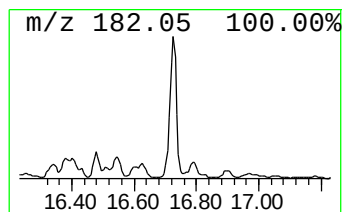
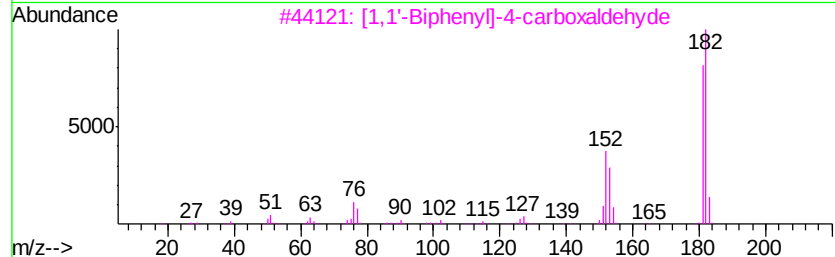
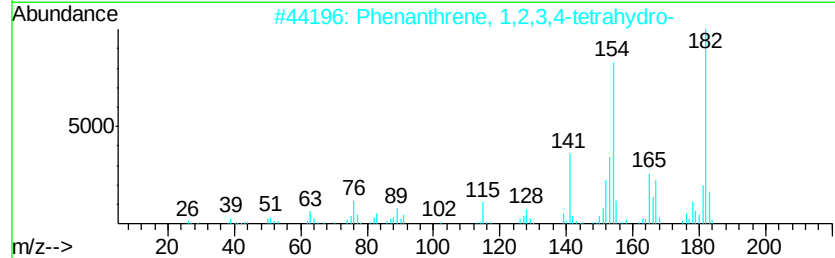
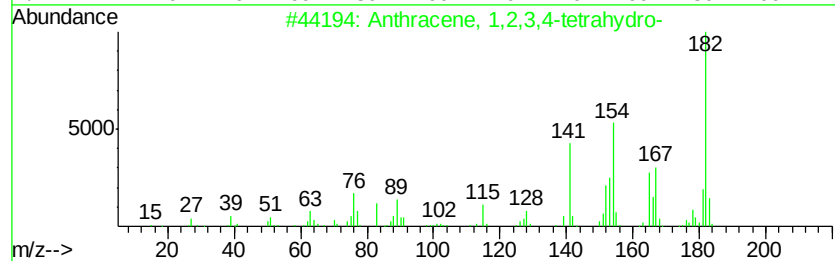
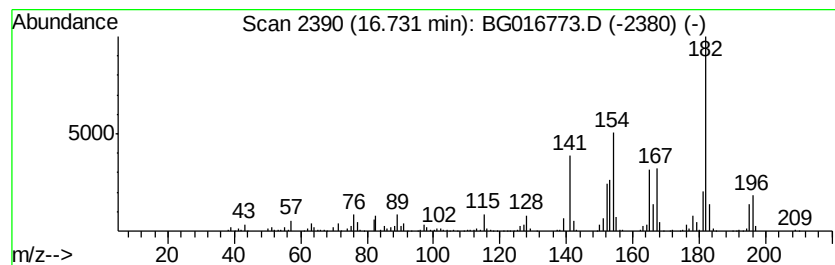
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	42.60 ng	1186990	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	98
2		Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	64
3		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	51
4		2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	46
5		4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	46



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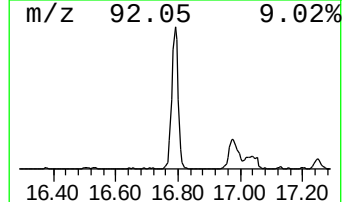
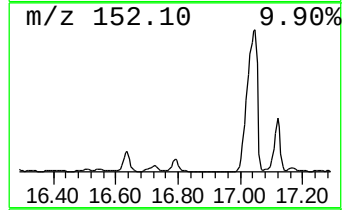
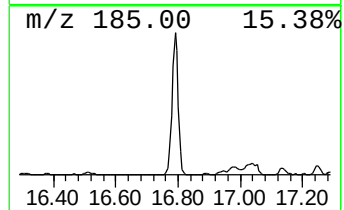
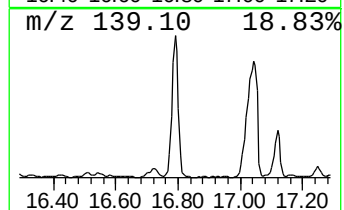
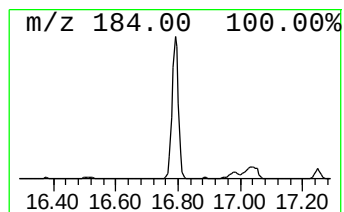
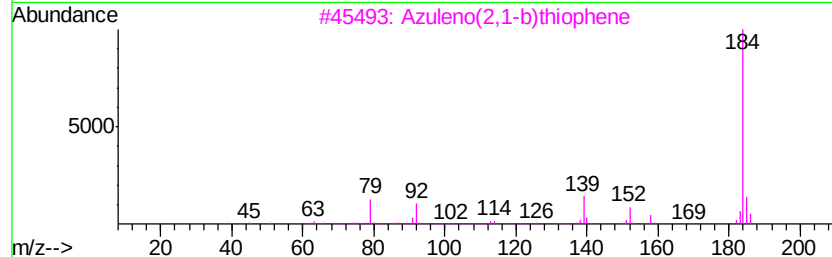
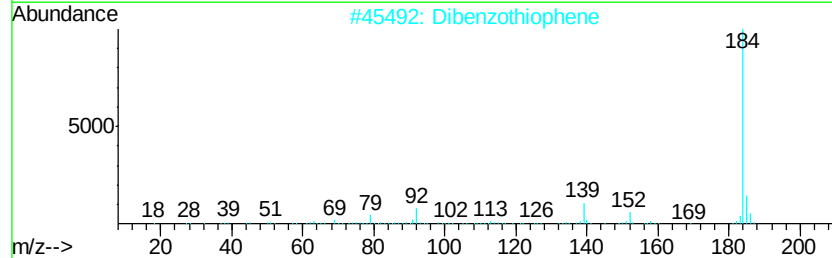
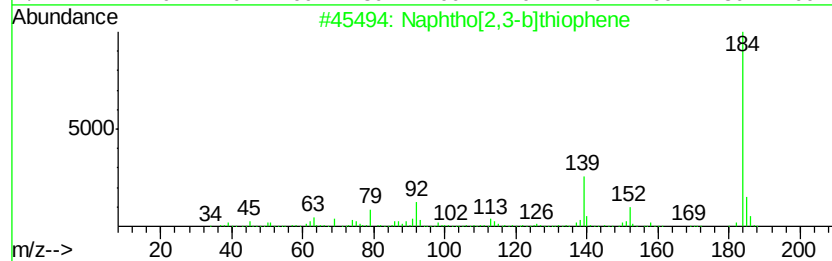
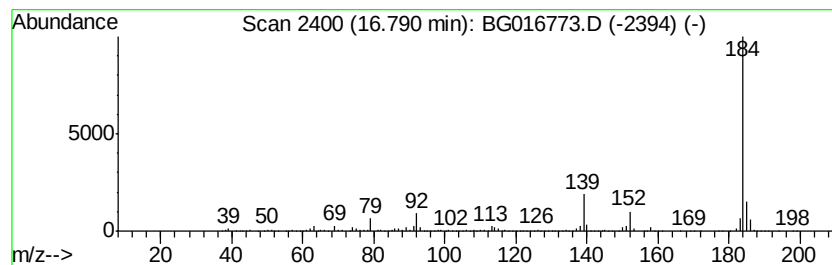
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphtho[2,3-b]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.79	70.24 ng	1957200	Phenanthrene-d10		16.98	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
2		Dibenzothiophene	184	C12H8S	000132-65-0	95
3		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
4		1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	64
5		Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	56



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
Data File : BG016773.D
Acq On : 28 Apr 2015 20:11
Operator : TP/IZ
Sample : G2022-06 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-02-COMP

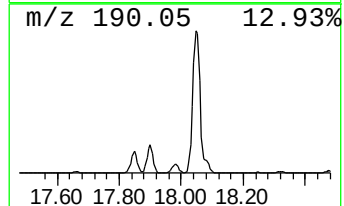
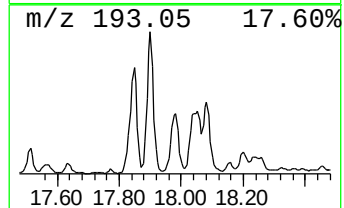
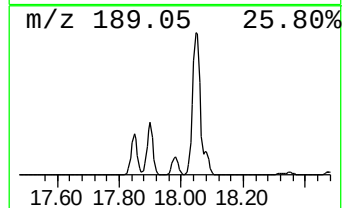
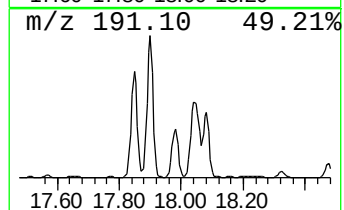
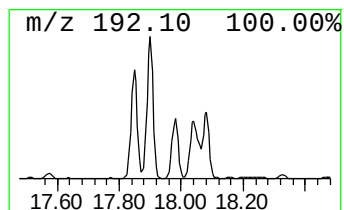
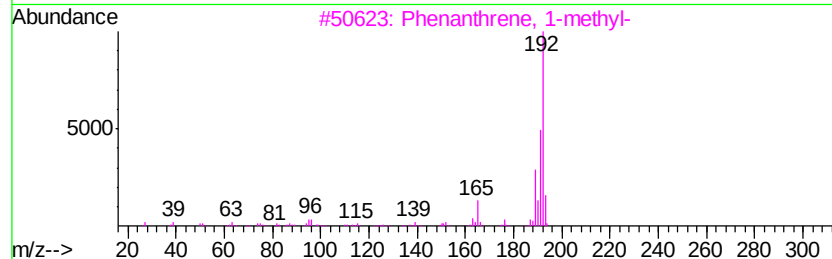
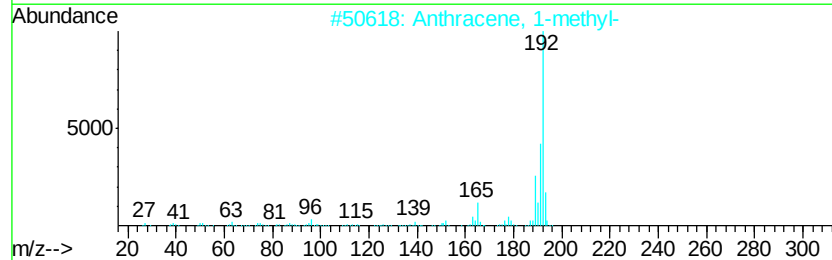
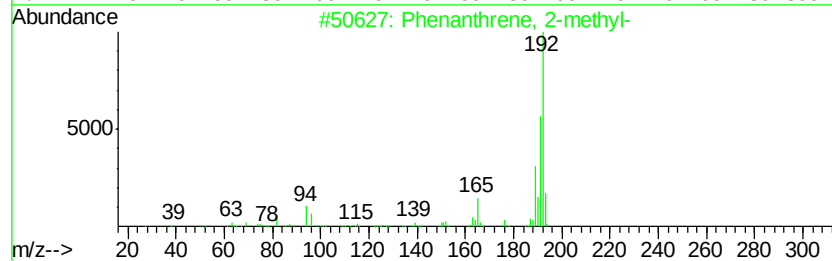
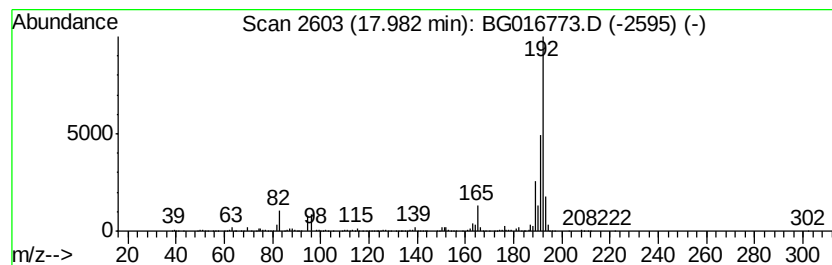
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	53.54 ng	1491840	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	96
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
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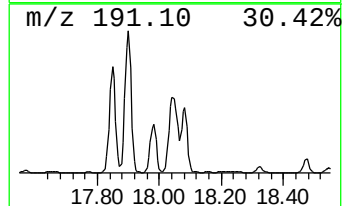
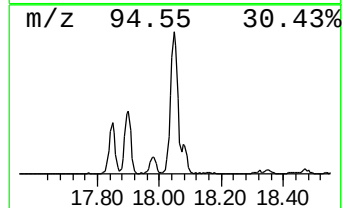
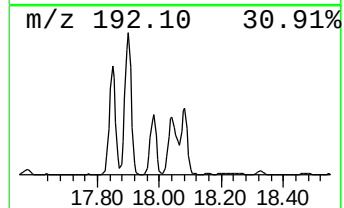
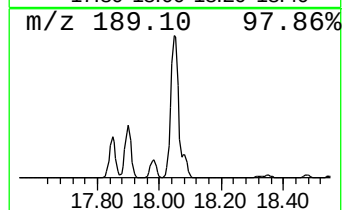
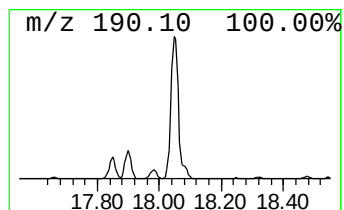
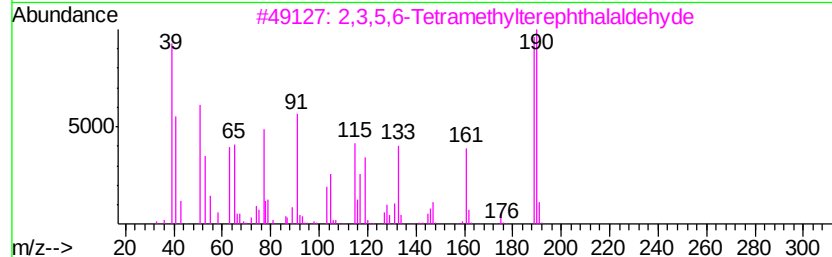
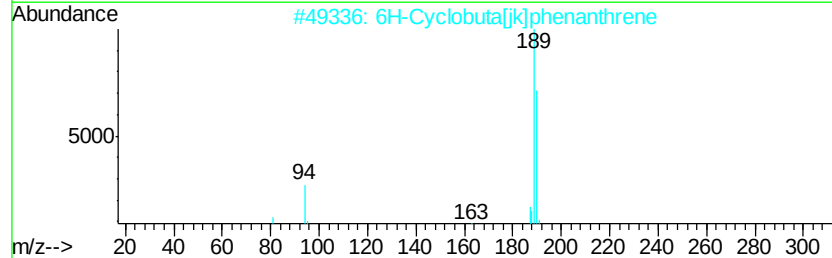
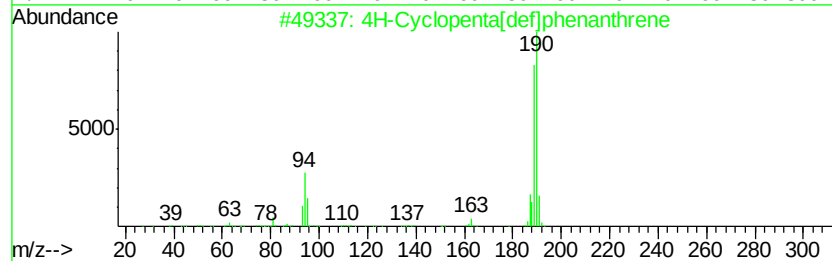
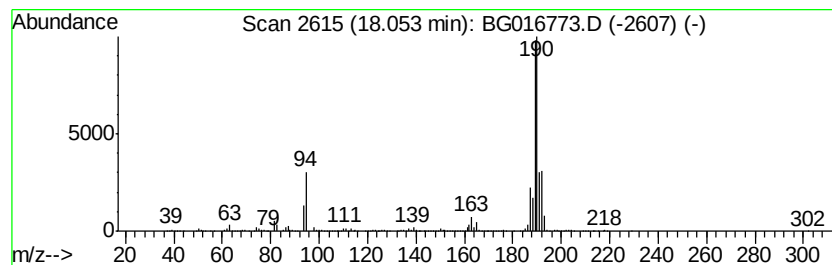
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.05	199.45 ng	5557650	Phenanthrene-d10	16.98		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	50
3		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5		4,4'-Difluorobiphenyl	190	C12H8F2	000398-23-2	23



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
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Sample : G2022-06 5X
Misc :
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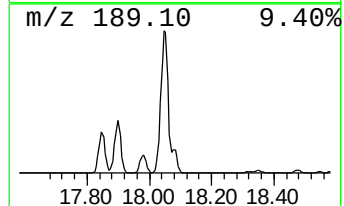
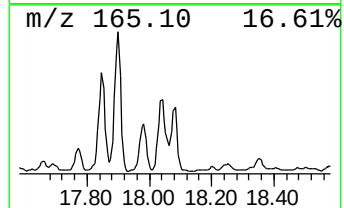
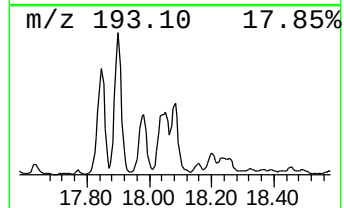
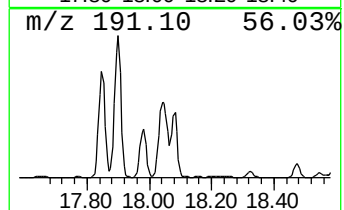
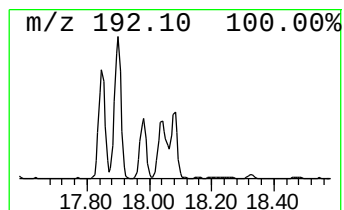
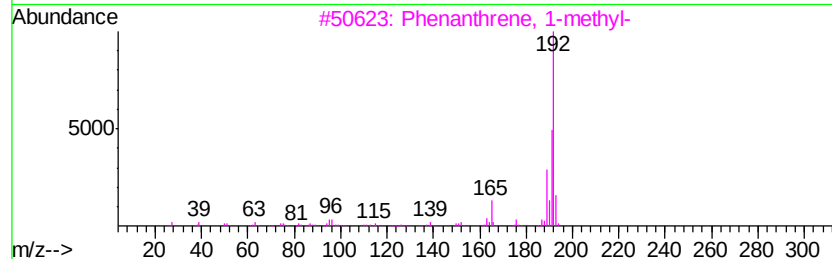
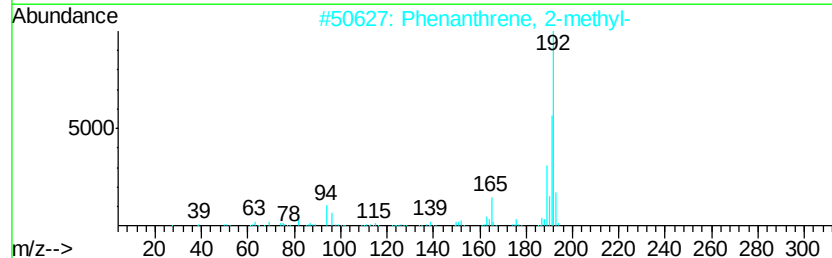
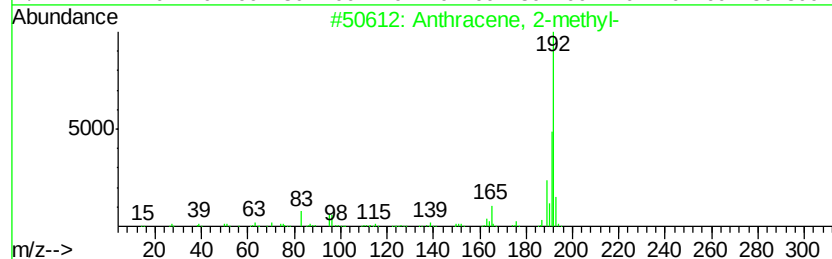
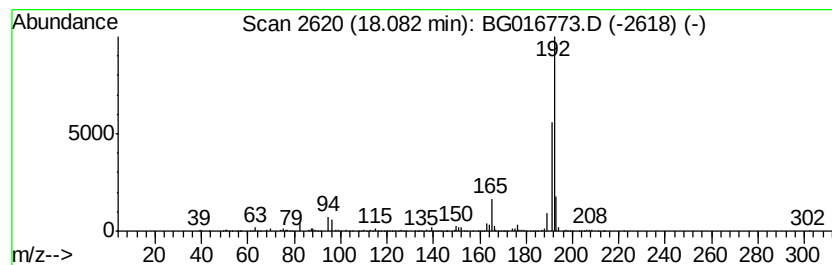
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	45.00 ng	1253800	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		1H-Cyclopropa[1,1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93
5		1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
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Acq On : 28 Apr 2015 20:11
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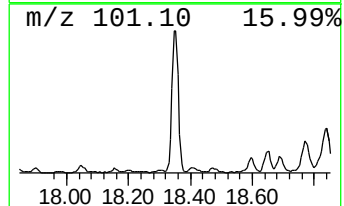
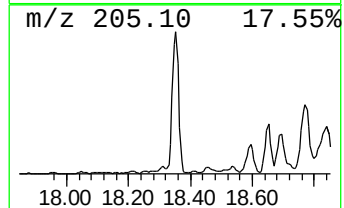
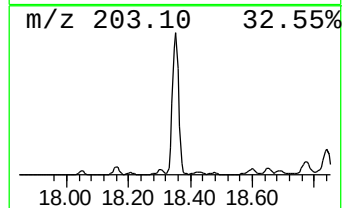
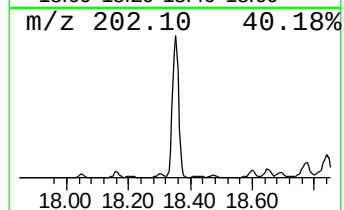
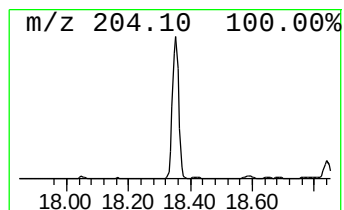
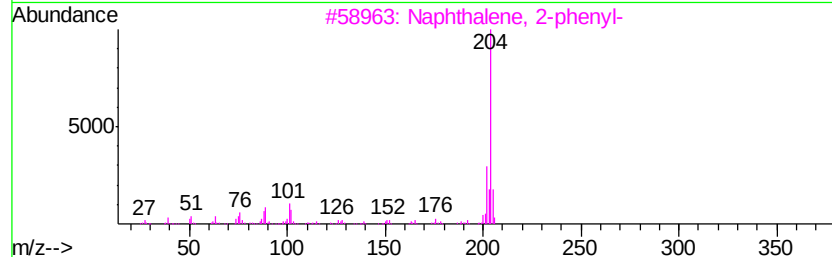
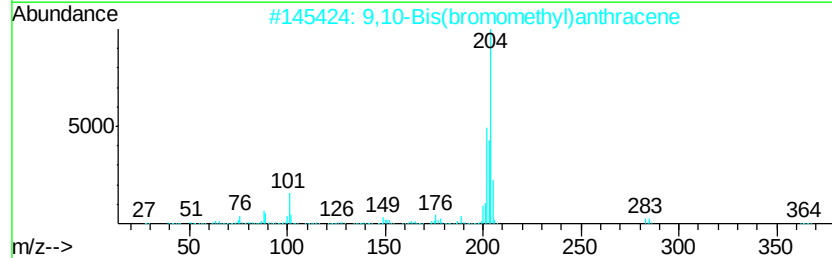
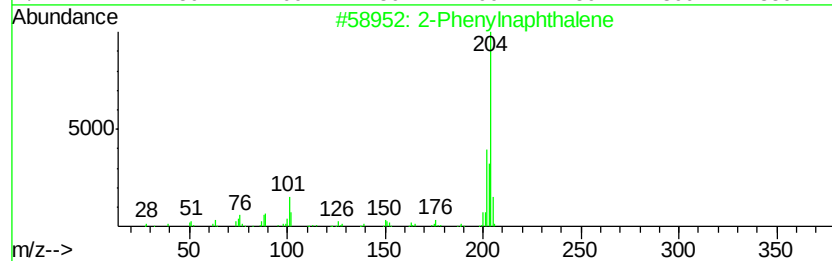
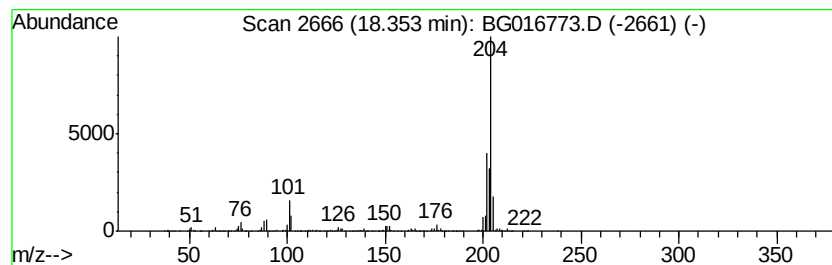
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-Phenylnaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	76.76 ng	2138860	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	96
2		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	91
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
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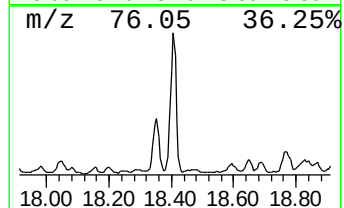
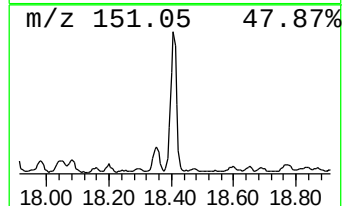
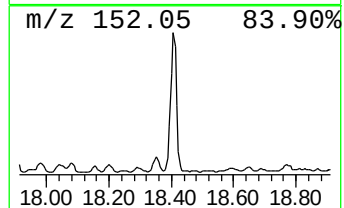
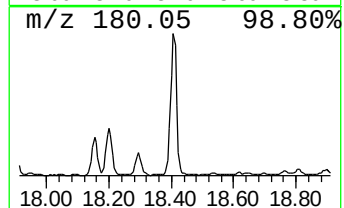
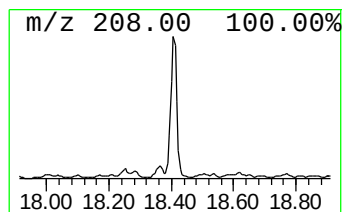
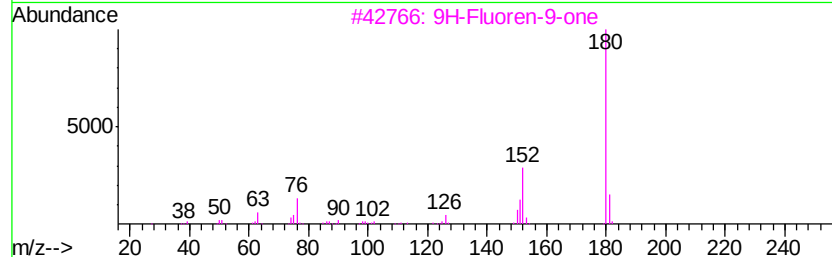
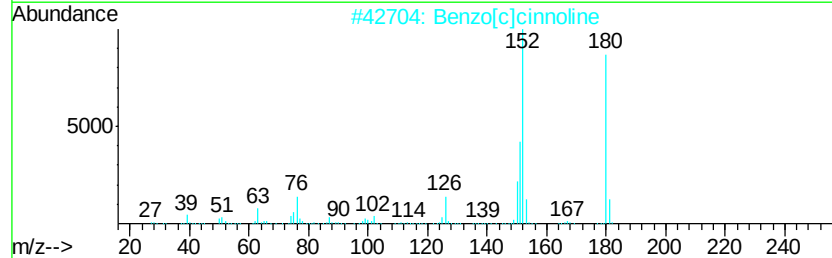
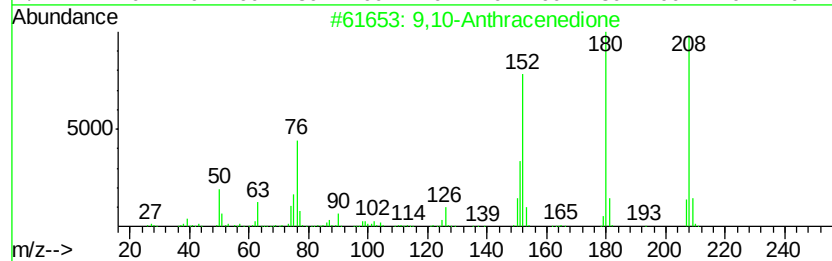
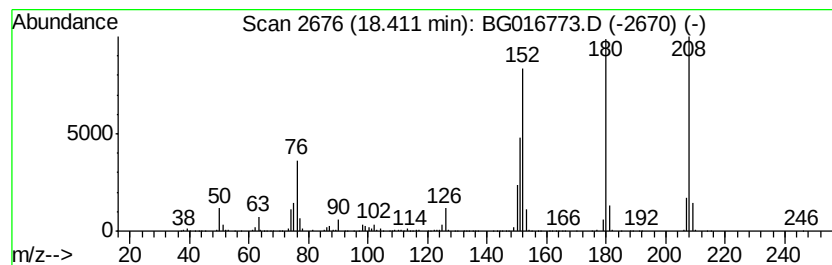
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	43.40 ng	1209380	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4		1H-Phenalen-1-one	180	C13H8O	000548-39-0	53
5		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	49



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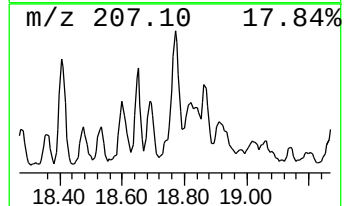
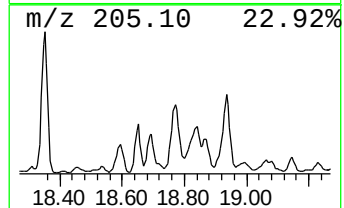
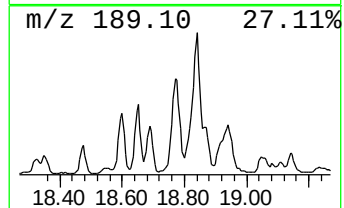
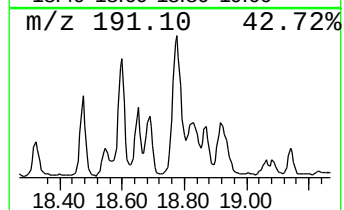
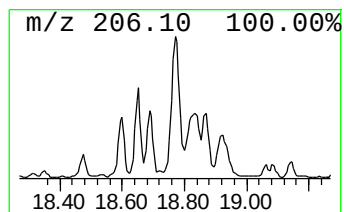
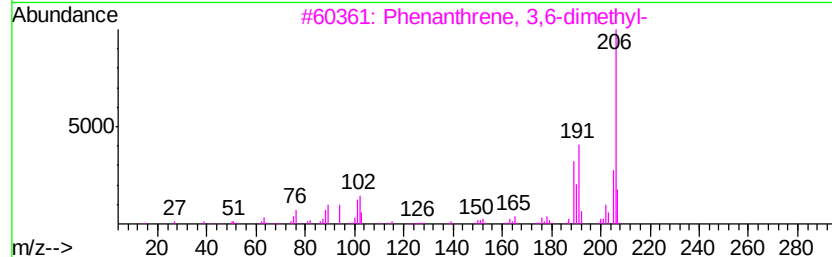
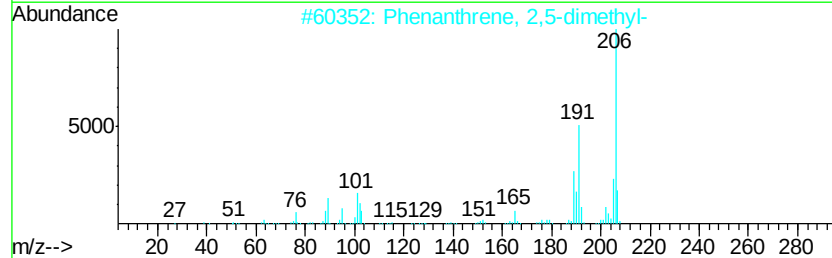
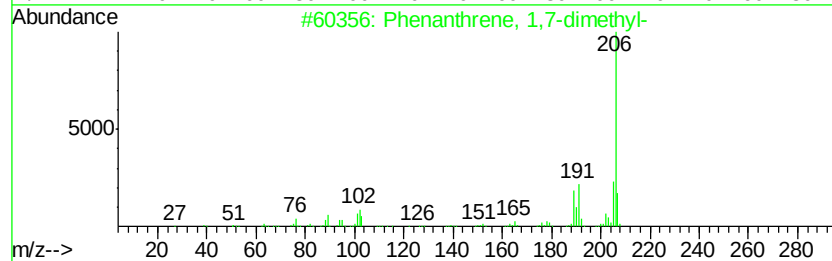
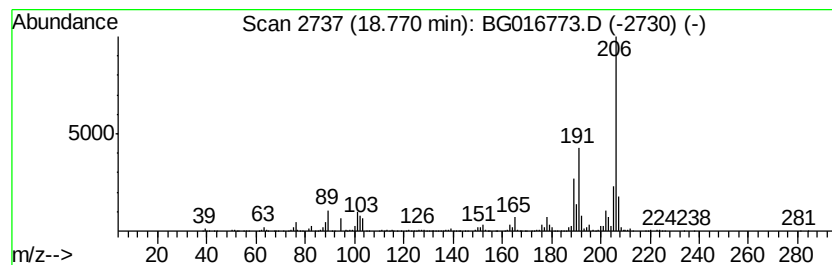
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Phenanthrene, 1,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	46.90 ng	1306990	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	96
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
5			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
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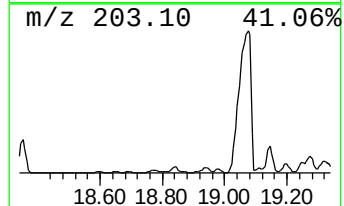
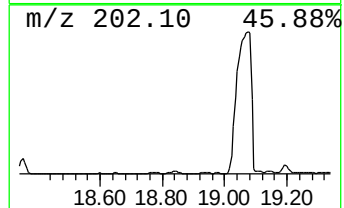
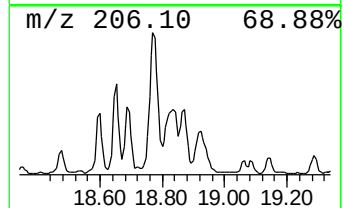
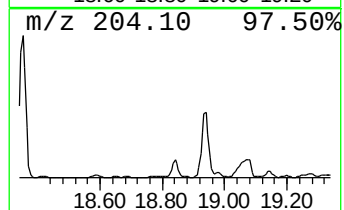
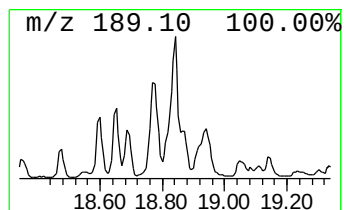
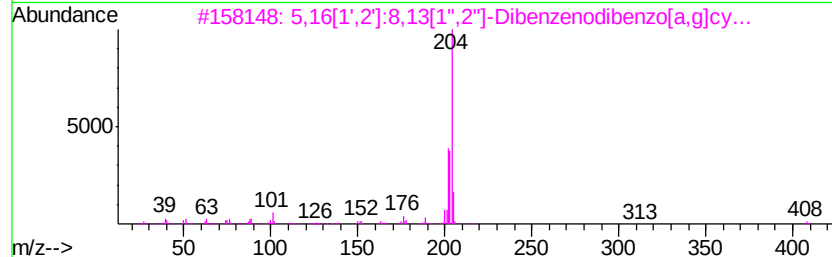
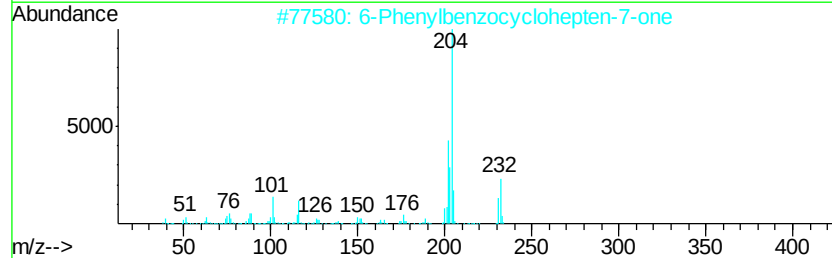
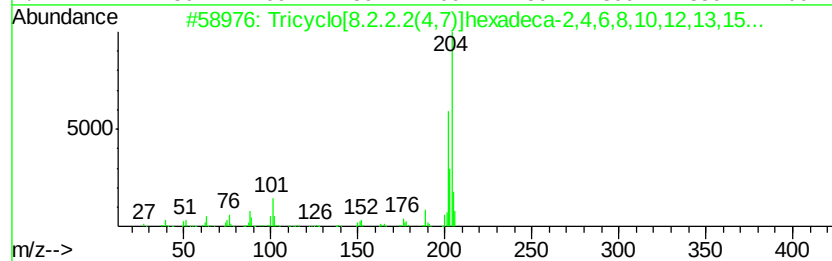
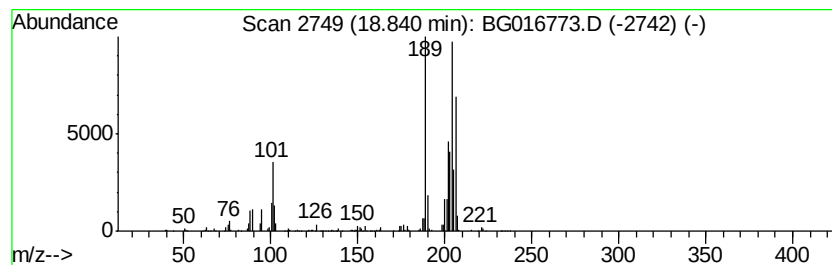
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown18.84 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	36.70 ng	1022670	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	49
2		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	47
3		5,16[1',2':8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	43
4		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	41
5		Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
Data File : BG016773.D
Acq On : 28 Apr 2015 20:11
Operator : TP/IZ
Sample : G2022-06 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

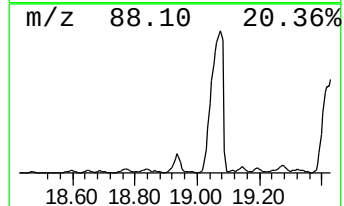
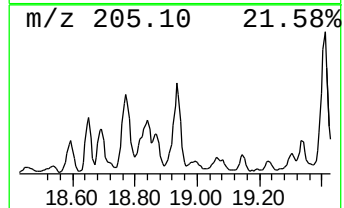
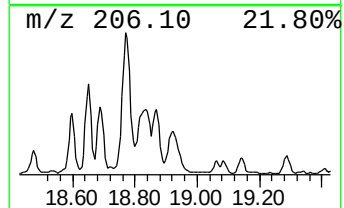
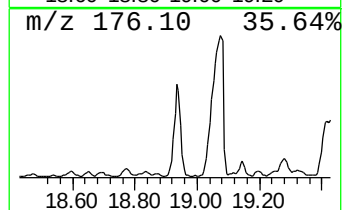
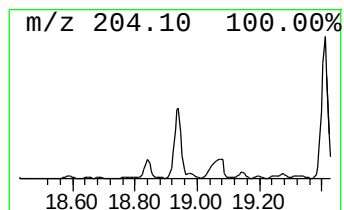
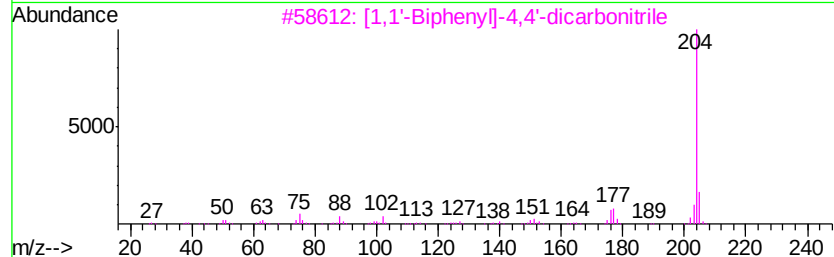
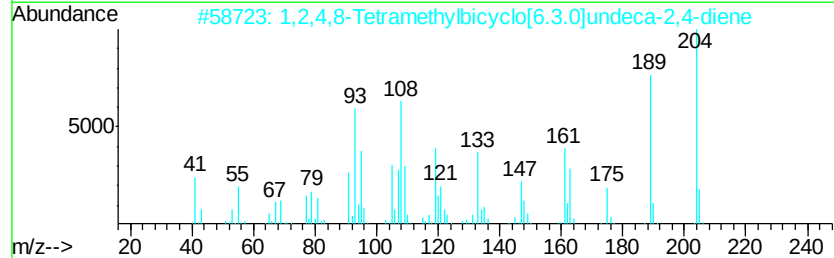
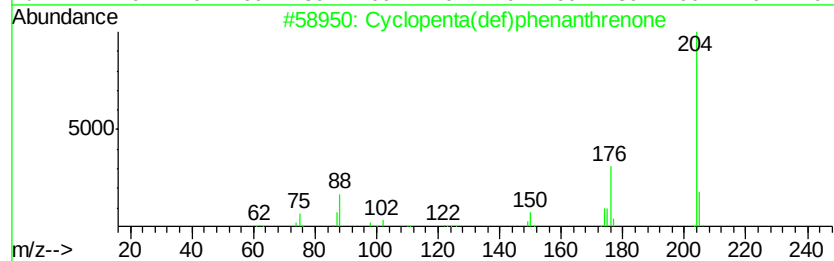
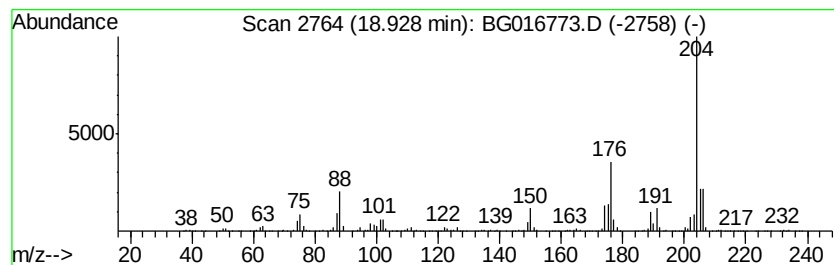
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	50.47 ng	1406240	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	60
3		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4		1,4-Naphthalenedione, 5,8-dihydr...	204	C11H8O4	014554-09-7	50
5		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
Data File : BG016773.D
Acq On : 28 Apr 2015 20:11
Operator : TP/IZ
Sample : G2022-06 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
SB-02-COMP

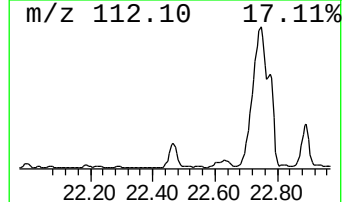
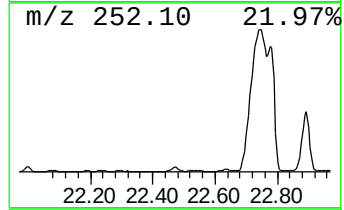
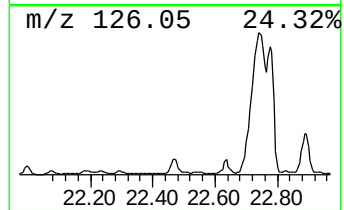
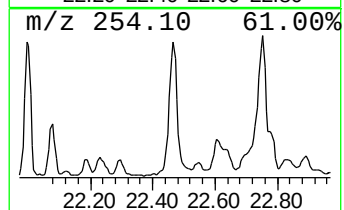
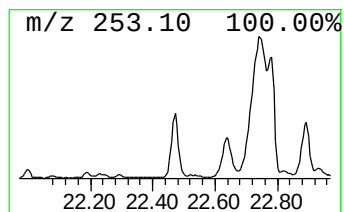
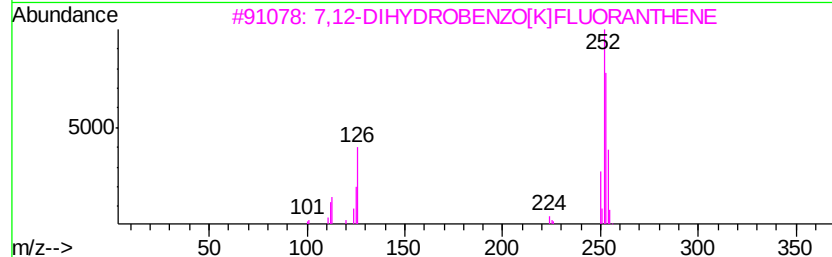
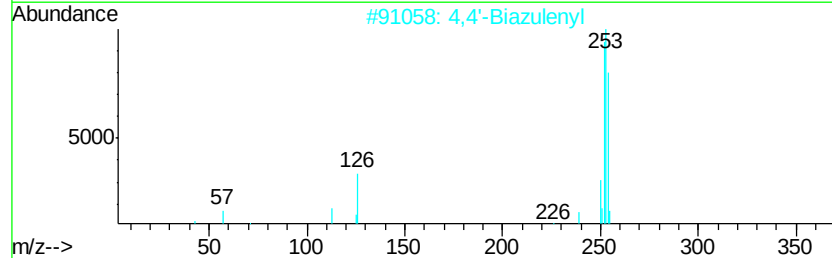
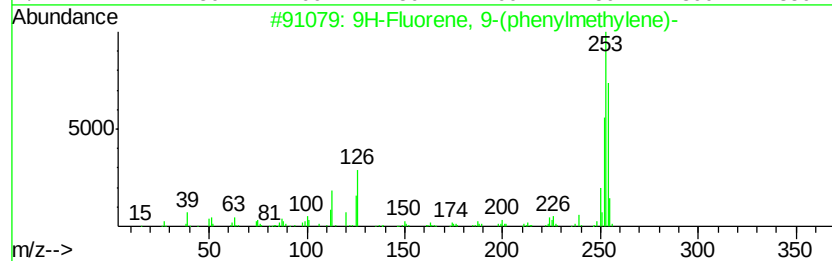
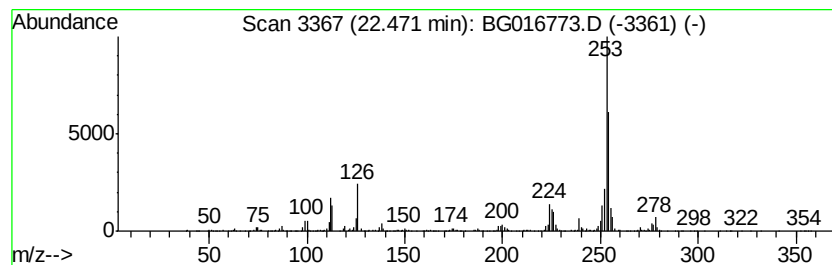
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9H-Fluorene, 9-(phenylmethy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	47.87 ng	1389450	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 9-(phenylmethylen)-	254	C20H14	001836-87-9	68
2		4,4'-Biazulenyl	254	C20H14	094053-54-0	68
3		7,12-DIHYDROBENZO[K]FLUORANTHENE	254	C20H14	1000080-17-7	64
4		Pyrido[2,3-g]indole, 5-methoxy-2...	254	C16H18N2O	201991-45-9	52
5		Benzofuran-5,6-diol-3-one, 2-ben...	254	C15H10O4	1000128-65-2	49



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
Data File : BG016773.D
Acq On : 28 Apr 2015 20:11
Operator : TP/IZ
Sample : G2022-06 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

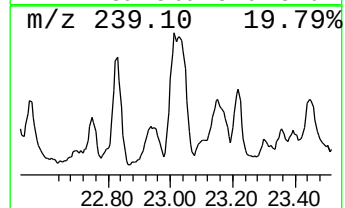
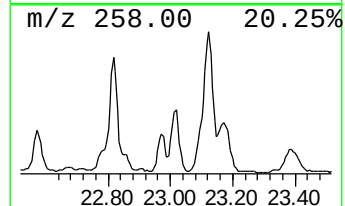
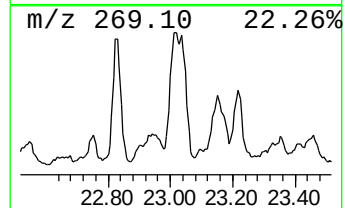
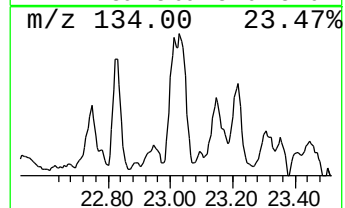
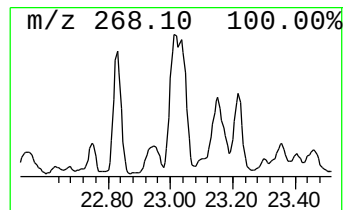
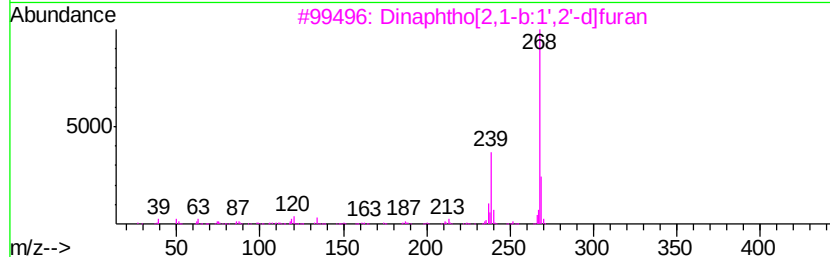
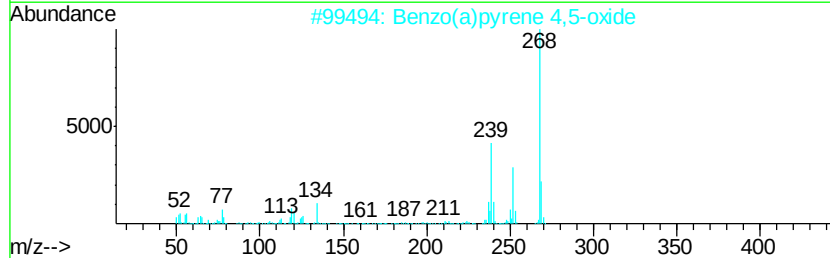
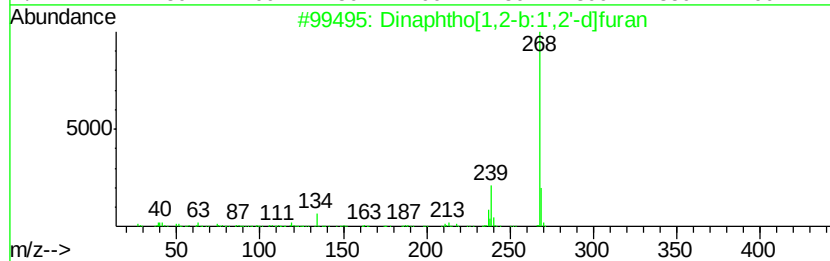
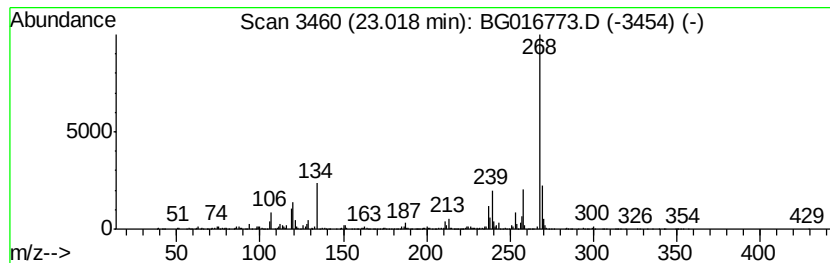
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.02	50.70 ng	1471630	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	81
2		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	68
3		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	64
4		9,10-Anthracenedione, 1,4,5,8-te...	268	C14H12N4O2	002475-45-8	50
5		10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	49



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042815\
 Data File : BG016773.D
 Acq On : 28 Apr 2015 20:11
 Operator : TP/IZ
 Sample : G2022-06 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.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
9H-Fluorene, 3-me...	16.28	35.9	ng	1000260	4	16.98	557293	20.0
Anthracene, 1,2,3...	16.73	42.6	ng	1186990	4	16.98	557293	20.0
Naphtho[2,3-b]thi...	16.79	70.2	ng	1957200	4	16.98	557293	20.0
Anthracene, 1-met...	17.98	53.5	ng	1491840	4	16.98	557293	20.0
4H-Cyclopenta[def...	18.05	199.4	ng	5557650	4	16.98	557293	20.0
Anthracene, 2-met...	18.08	45.0	ng	1253800	4	16.98	557293	20.0
2-Phenylnaphthalene	18.35	76.8	ng	2138860	4	16.98	557293	20.0
9,10-Anthracenedione	18.41	43.4	ng	1209380	4	16.98	557293	20.0
Phenanthrene, 1,7...	18.77	46.9	ng	1306990	4	16.98	557293	20.0
unknown18.84	18.84	36.7	ng	1022670	4	16.98	557293	20.0
Cyclopenta(def)ph...	18.93	50.5	ng	1406240	4	16.98	557293	20.0
9H-Fluorene, 9-(p...	22.47	47.9	ng	1389450	6	23.39	580507	20.0
Dinaphtho[1,2-b:1...	23.02	50.7	ng	1471630	6	23.39	580507	20.0