

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
 Data File : BG016760.D
 Acq On : 28 Apr 2015 9:12
 Operator : TP/IZ
 Sample : G1991-13 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-63S

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	5.162	416	421	433	rBV	122060	191469	1.82%	0.209%
2	6.772	689	695	707	rBV	128098	214585	2.04%	0.235%
3	7.106	746	752	762	rBV	136665	223220	2.13%	0.244%
4	7.571	824	831	839	rVB	178718	268971	2.56%	0.294%
5	7.888	879	885	892	rBV2	114677	179282	1.71%	0.196%
6	8.734	1022	1029	1042	rBV	74130	132791	1.26%	0.145%
7	10.356	1297	1305	1310	rBV	255794	426466	4.06%	0.466%
8	10.403	1310	1313	1321	rVB	69348	113470	1.08%	0.124%
9	12.841	1722	1728	1737	rBV	235953	332879	3.17%	0.364%
10	14.228	1953	1964	1969	rBV2	389679	623282	5.94%	0.681%
11	14.286	1969	1974	1982	rVB	282087	418104	3.98%	0.457%
12	14.627	2026	2032	2040	rBV	193540	287428	2.74%	0.314%
13	15.273	2136	2142	2152	rVB	289669	438457	4.18%	0.479%
14	15.573	2188	2193	2202	rVB	113770	180231	1.72%	0.197%
15	15.720	2212	2218	2226	rVB2	266388	429841	4.09%	0.470%
16	16.507	2348	2352	2356	rVV2	73505	110618	1.05%	0.121%
17	16.631	2368	2373	2379	rVB	148033	226656	2.16%	0.248%
18	16.725	2379	2389	2393	rBV2	133457	304994	2.91%	0.333%
19	16.789	2393	2400	2405	rVV	243222	334534	3.19%	0.366%
20	16.971	2420	2431	2434	rBV	464090	712232	6.78%	0.779%
21	17.018	2434	2439	2445	rVV	4195185	6344453	60.43%	6.935%
22	17.107	2445	2454	2459	rVV	1108613	1642894	15.65%	1.796%
23	17.159	2459	2463	2469	rVB2	103249	164750	1.57%	0.180%
24	17.347	2489	2495	2497	rBV	96117	136304	1.30%	0.149%
25	17.383	2497	2501	2515	rVV	351997	619855	5.90%	0.678%
26	17.488	2515	2519	2526	rVV2	128520	186465	1.78%	0.204%
27	17.553	2526	2530	2538	rVV5	81788	150690	1.44%	0.165%
28	17.847	2570	2580	2584	rBV	588667	941607	8.97%	1.029%
29	17.894	2584	2588	2594	rVB	943020	1260801	12.01%	1.378%
30	17.976	2594	2602	2607	rBV	386835	574251	5.47%	0.628%
31	18.041	2607	2613	2617	rBV2	831829	1516518	14.44%	1.658%
32	18.076	2617	2619	2626	rVB	464976	542524	5.17%	0.593%
33	18.158	2627	2633	2636	rBV2	76420	116498	1.11%	0.127%
34	18.352	2661	2666	2670	rVV	560915	757265	7.21%	0.828%

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35	18.399	2670	2674	2679	rVB	276878	349551	3.33%	0.382%
36	18.599	2700	2708	2712	rBV	175500	297201	2.83%	0.325%
37	18.646	2712	2716	2720	rVV	148794	204414	1.95%	0.223%
38	18.687	2720	2723	2727	rVB	160170	202457	1.93%	0.221%
39	18.769	2727	2737	2741	rBV2	323829	627527	5.98%	0.686%
40	18.834	2745	2748	2751	rVV2	214291	355765	3.39%	0.389%
41	18.863	2751	2753	2757	rVV	159872	202877	1.93%	0.222%
42	18.916	2757	2762	2770	rVB2	314951	599395	5.71%	0.655%
43	19.051	2777	2785	2789	rBV	5765968	9379372	89.34%	10.252%
44	19.104	2790	2794	2797	rVV	102979	130808	1.25%	0.143%
45	19.139	2797	2800	2805	rVB2	179637	234857	2.24%	0.257%
46	19.251	2811	2819	2820	rBV3	101761	221138	2.11%	0.242%
47	19.280	2820	2824	2828	rVB	257477	377237	3.59%	0.412%
48	19.416	2835	2847	2853	rBV3	5220999	10498897	100.00%	11.476%
49	19.474	2853	2857	2864	rVB2	420192	614939	5.86%	0.672%
50	19.580	2870	2875	2877	rBV	472180	598992	5.71%	0.655%
51	19.604	2877	2879	2882	rVB	333713	339074	3.23%	0.371%
52	19.645	2882	2886	2891	rVB	391373	549818	5.24%	0.601%
53	19.721	2894	2899	2901	rBV2	436967	740081	7.05%	0.809%
54	19.862	2918	2923	2925	rBV3	354807	580517	5.53%	0.635%
55	19.897	2925	2929	2934	rVB	754493	1068532	10.18%	1.168%
56	19.944	2934	2937	2942	rBV2	79388	128097	1.22%	0.140%
57	19.997	2942	2946	2949	rVV	384084	468091	4.46%	0.512%
58	20.056	2949	2956	2960	rVV2	700716	1220854	11.63%	1.334%
59	20.091	2960	2962	2966	rVV2	183697	228008	2.17%	0.249%
60	20.132	2966	2969	2975	rVV2	147990	210390	2.00%	0.230%
61	20.197	2975	2980	2983	rVV2	379062	507220	4.83%	0.554%
62	20.238	2983	2987	2991	rVV2	421829	626935	5.97%	0.685%
63	20.356	3005	3007	3012	rVB3	108898	126630	1.21%	0.138%
64	20.461	3019	3025	3026	rBV4	101225	170240	1.62%	0.186%
65	20.526	3032	3036	3039	rVB2	101443	149771	1.43%	0.164%
66	20.602	3046	3049	3052	rBV2	81819	111125	1.06%	0.121%
67	20.644	3052	3056	3062	rVB	522003	701324	6.68%	0.767%
68	20.808	3077	3084	3087	rBV2	517942	870172	8.29%	0.951%
69	20.849	3087	3091	3094	rVV	669926	849576	8.09%	0.929%
70	20.890	3094	3098	3103	rVV2	509202	973784	9.28%	1.064%
71	20.943	3103	3107	3117	rVB2	531826	791276	7.54%	0.865%

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72	21.043	3117	3124	3131	rBV	157901	459744	4.38%	0.503%
73	21.155	3133	3143	3147	rBV3	3335503	6043643	57.56%	6.606%
74	21.208	3147	3152	3160	rVB	3086252	4434164	42.23%	4.847%
75	21.313	3166	3170	3177	rVB	429782	511488	4.87%	0.559%
76	21.372	3177	3180	3182	rBV3	99320	134362	1.28%	0.147%
77	21.425	3187	3189	3192	rVV	218090	225155	2.14%	0.246%
78	21.478	3192	3198	3202	rVV3	360942	608267	5.79%	0.665%
79	21.519	3202	3205	3208	rVB4	124436	142745	1.36%	0.156%
80	21.642	3223	3226	3230	rBV2	124964	177777	1.69%	0.194%
81	21.701	3230	3236	3240	rBV	558685	753761	7.18%	0.824%
82	21.748	3241	3244	3249	rVB	279035	386900	3.69%	0.423%
83	21.813	3251	3255	3258	rBV3	143032	211018	2.01%	0.231%
84	21.848	3259	3261	3265	rVB2	135135	152302	1.45%	0.166%
85	21.895	3265	3269	3271	rBV	257590	336449	3.20%	0.368%
86	21.989	3281	3285	3289	rVB2	187610	269520	2.57%	0.295%
87	22.177	3313	3317	3322	rBV5	141147	287314	2.74%	0.314%
88	22.453	3359	3364	3370	rBV3	205674	389980	3.71%	0.426%
89	22.712	3400	3408	3412	rBV	2021275	4821344	45.92%	5.270%
90	22.870	3430	3435	3441	rBV	420966	645485	6.15%	0.706%
91	23.000	3452	3457	3465	rBV2	146540	430895	4.10%	0.471%
92	23.176	3480	3487	3496	rVB	1311317	2591568	24.68%	2.833%
93	23.276	3497	3504	3510	rBV	1986468	3500093	33.34%	3.826%
94	23.364	3513	3519	3523	rVV2	395544	813846	7.75%	0.890%
95	23.411	3523	3527	3534	rVB2	595027	1134818	10.81%	1.240%
96	24.210	3661	3663	3677	rVB3	106341	274305	2.61%	0.300%
97	25.597	3889	3899	3909	rBV	685682	2035286	19.39%	2.225%
98	25.837	3935	3940	3949	rBV3	117374	300029	2.86%	0.328%
99	26.278	4006	4015	4034	rVB	483166	1583446	15.08%	1.731%
100	26.631	4070	4075	4091	rVB4	126566	419158	3.99%	0.458%

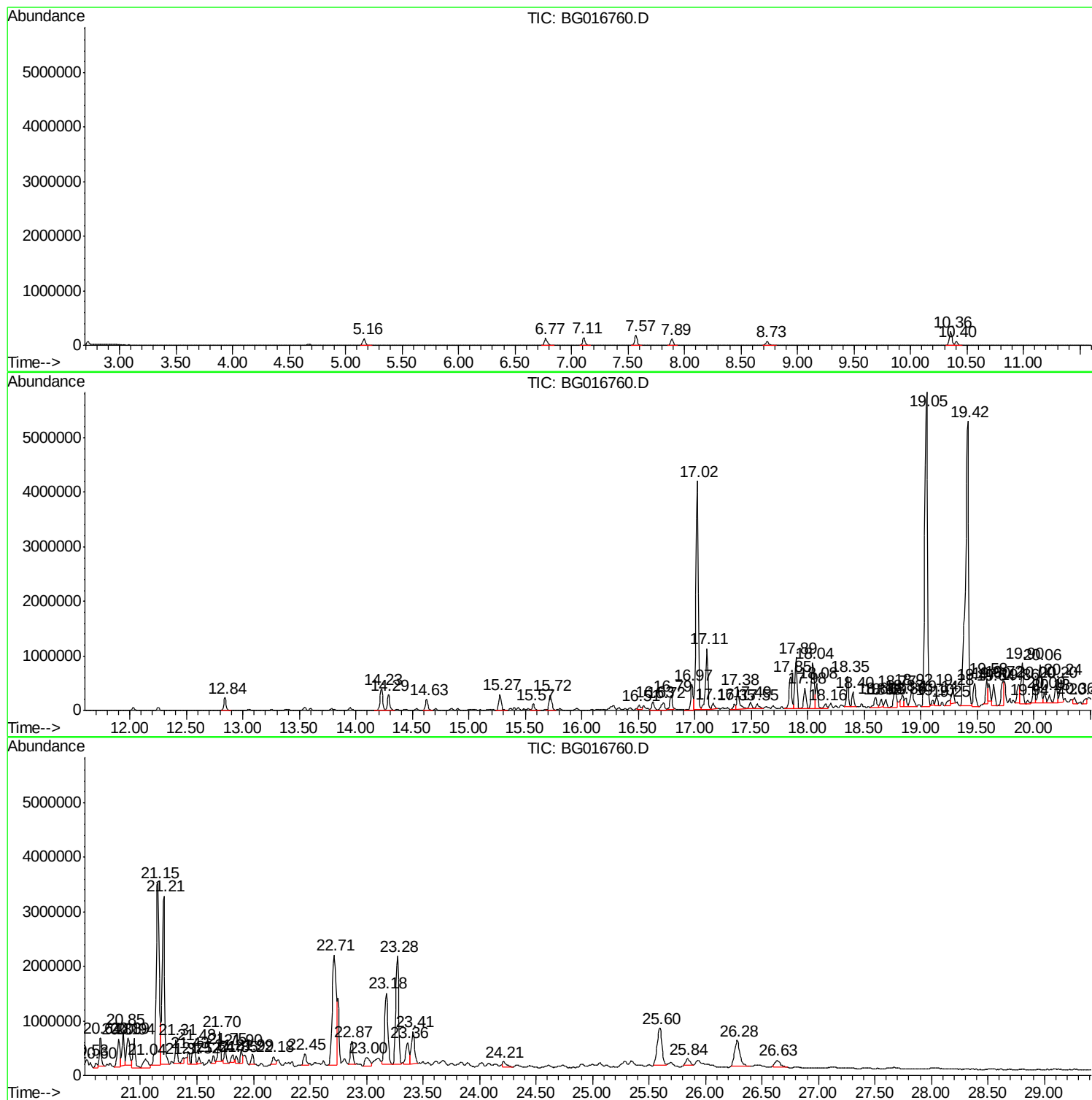
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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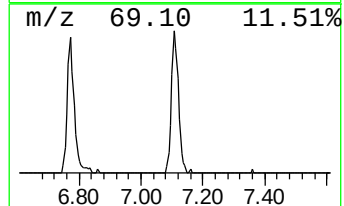
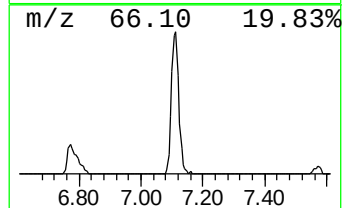
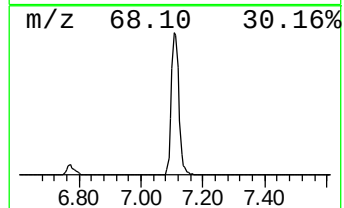
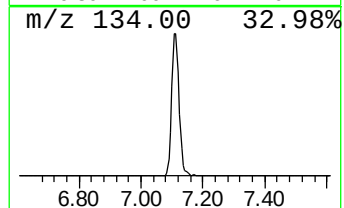
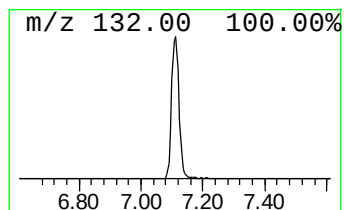
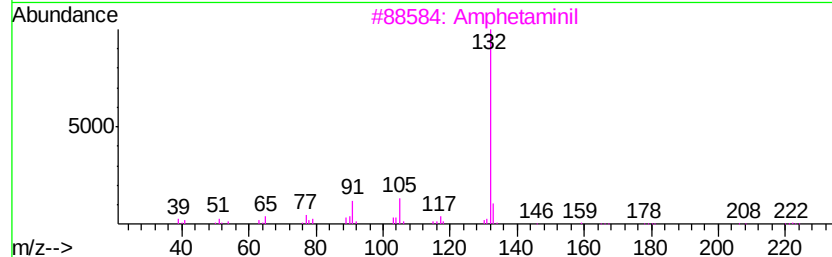
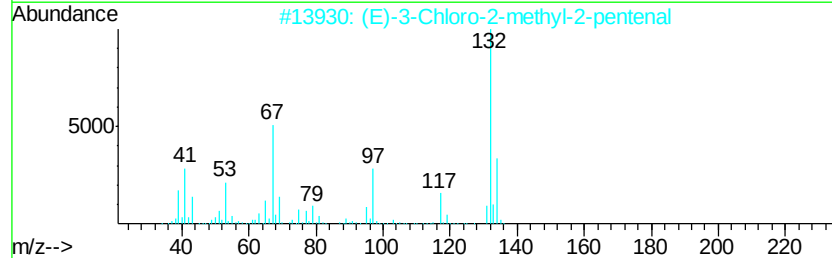
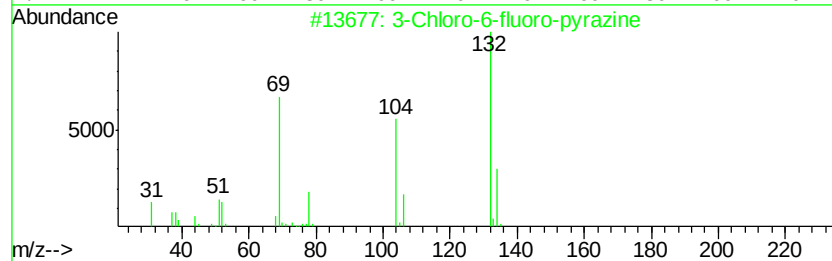
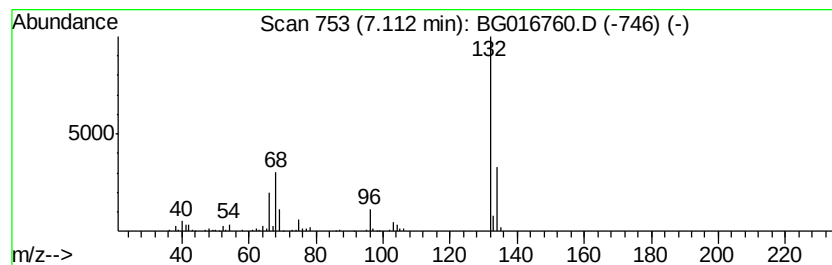
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.11 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	16.60 ng	223220	1,4-Dichlorobenzene-d4	7.57

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		Amphetaminil	250	C17H18N2	017590-01-1	12
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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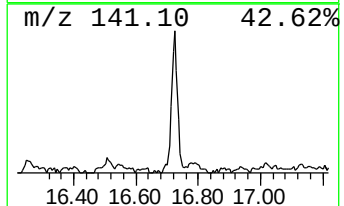
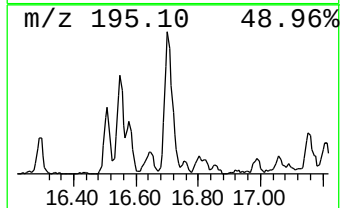
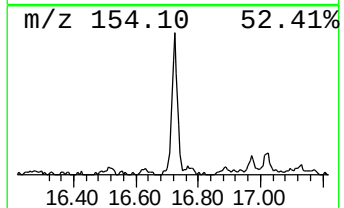
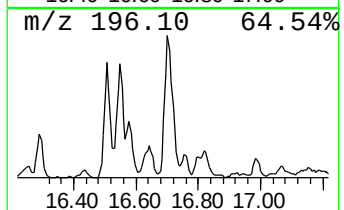
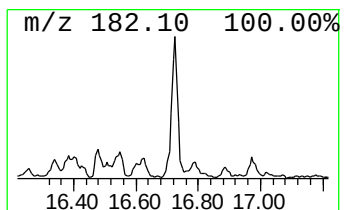
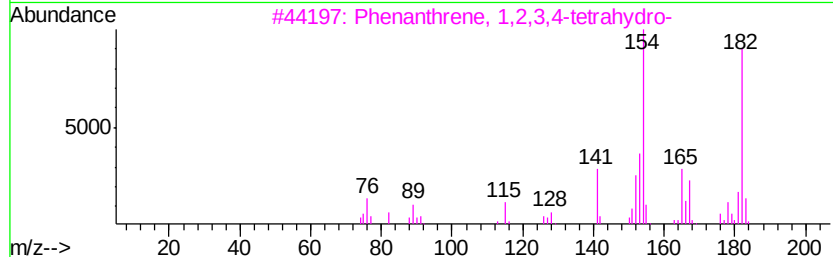
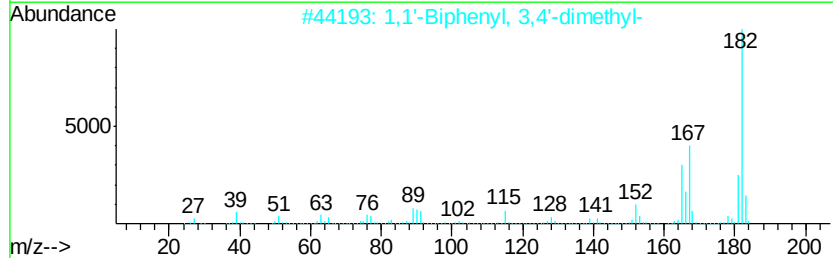
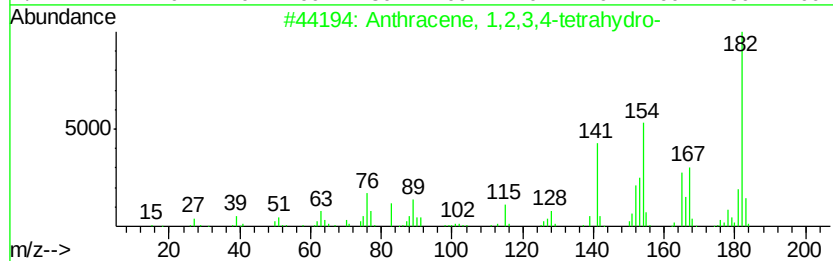
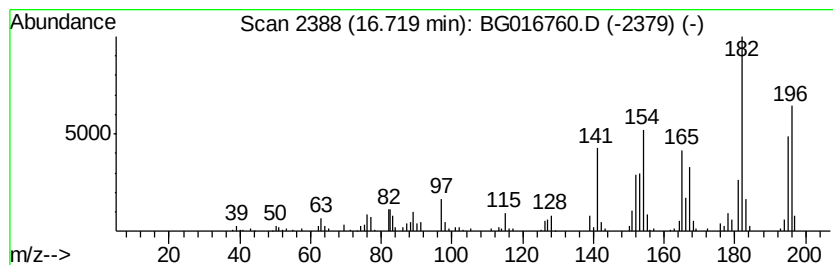
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.72	8.56 ng	304994	Phenanthrene-d10	16.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	98
2	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	64
3	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	64
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	55
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	50



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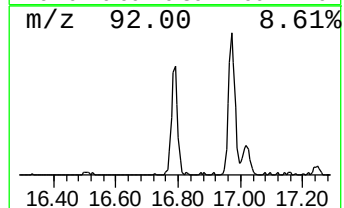
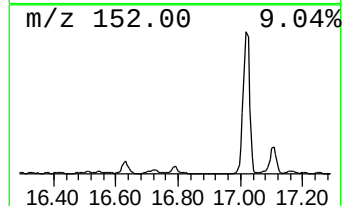
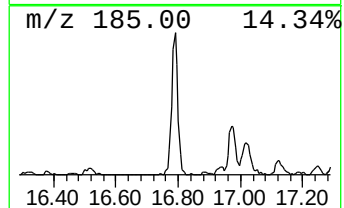
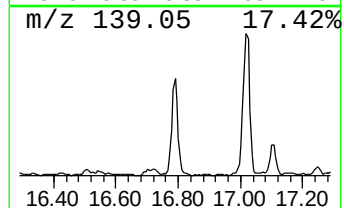
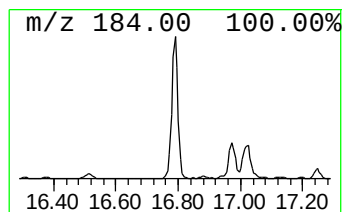
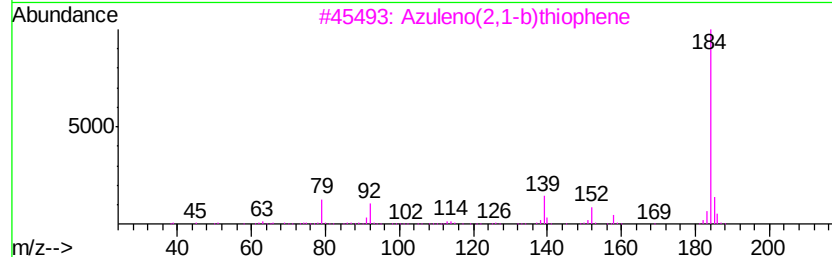
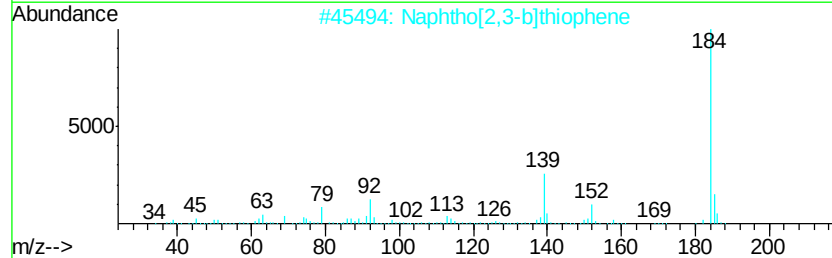
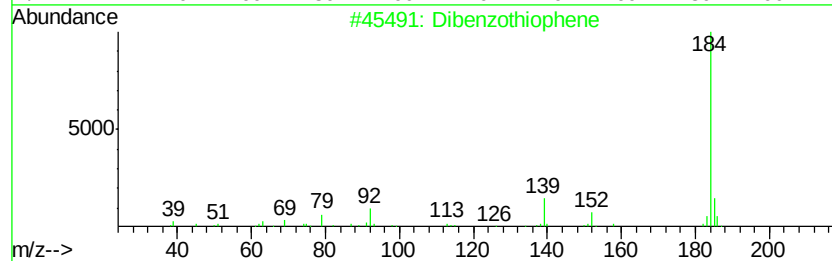
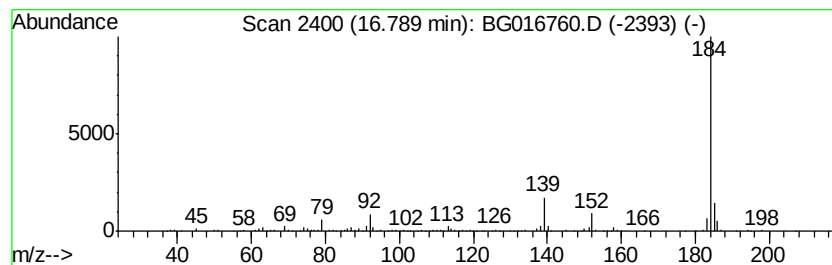
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.79	9.39 ng	334534	Phenanthrene-d10		16.97	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzothiophene	184	C12H8S	000132-65-0	96
2		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4		1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72
5		Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	59



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Sample : G1991-13 5X
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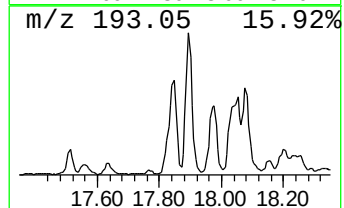
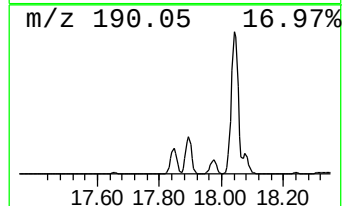
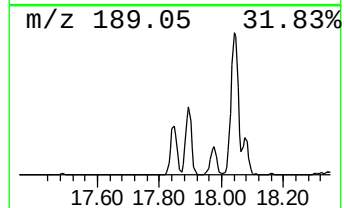
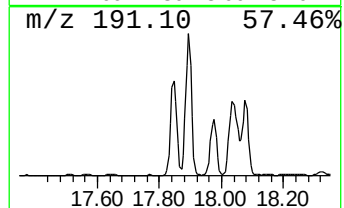
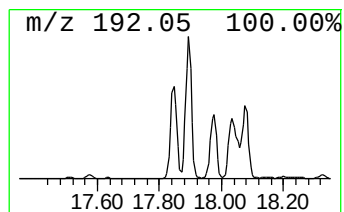
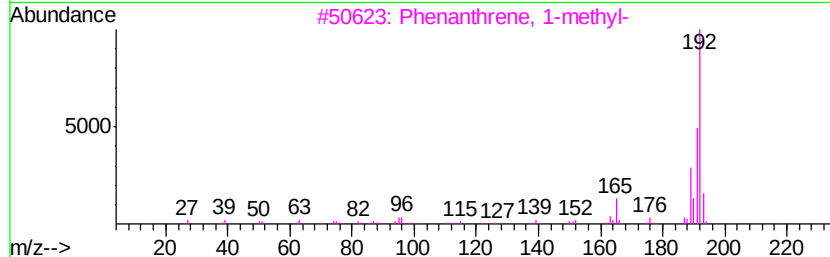
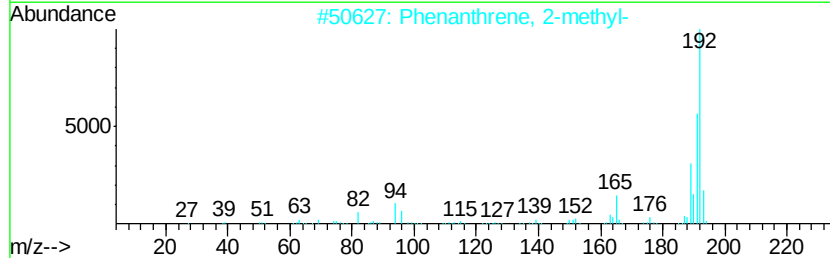
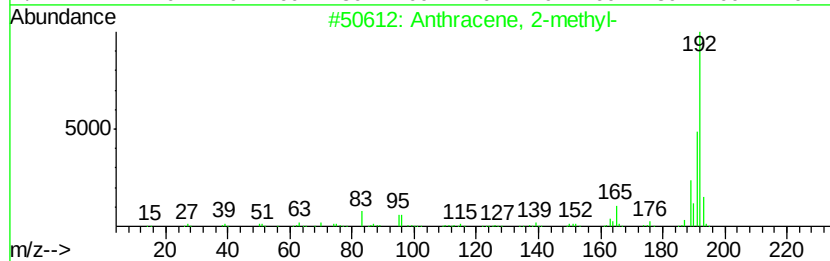
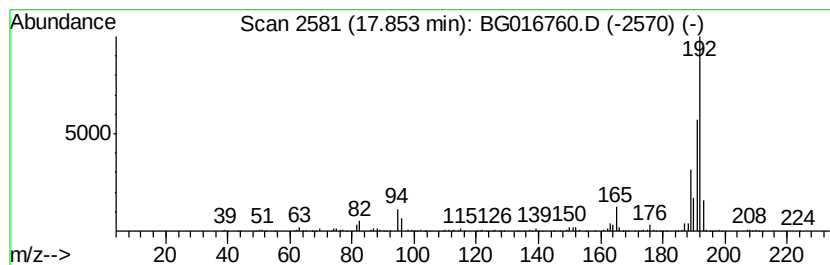
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.85	26.44 ng	941607	Phenanthrene-d10	16.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016760.D
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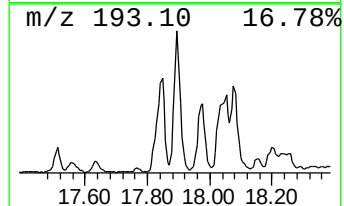
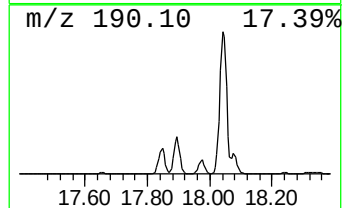
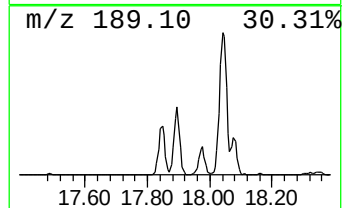
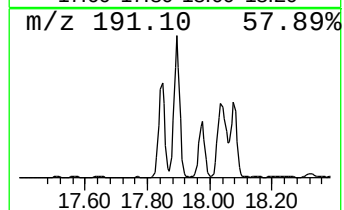
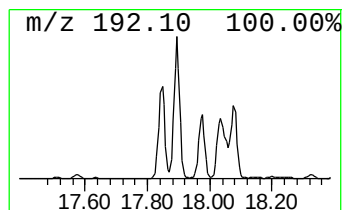
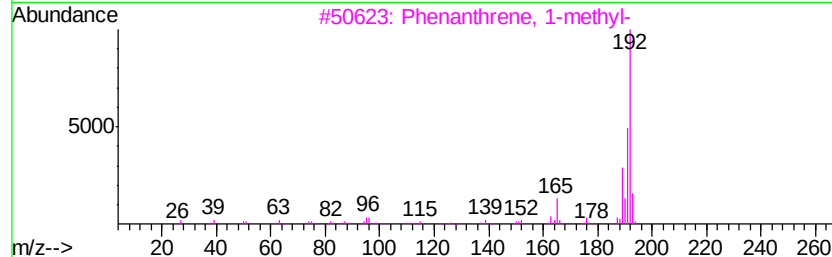
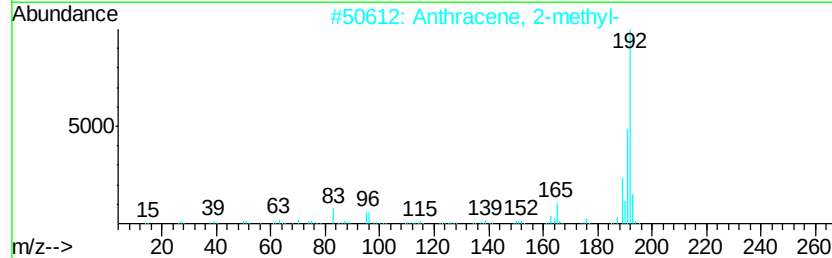
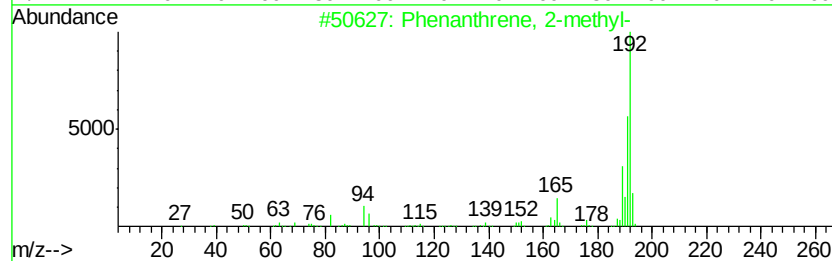
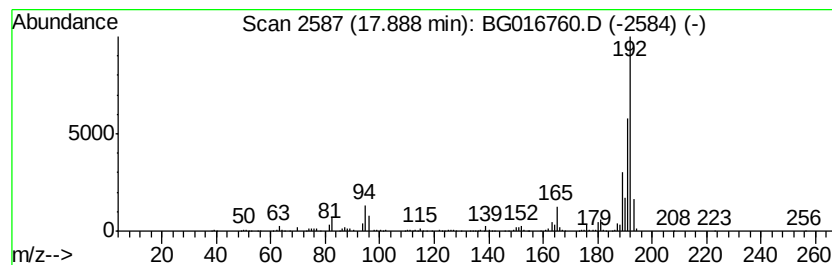
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	35.40 ng	1260800	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
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Sample : G1991-13 5X
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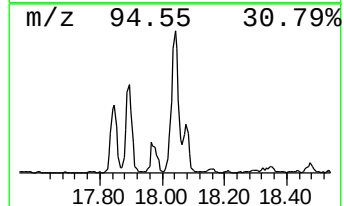
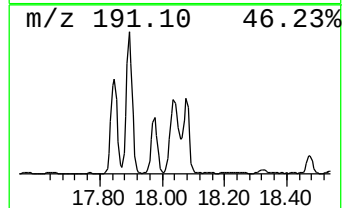
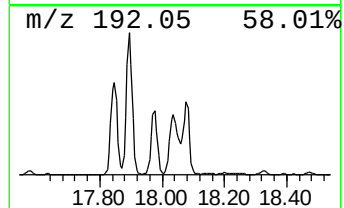
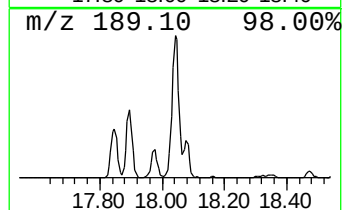
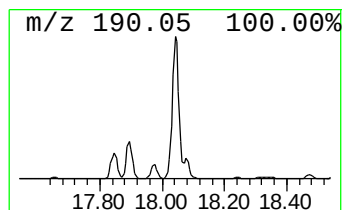
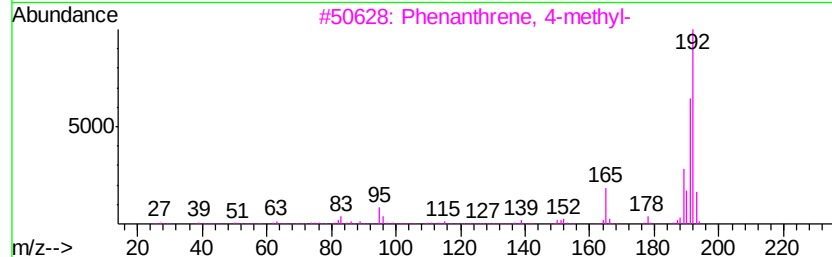
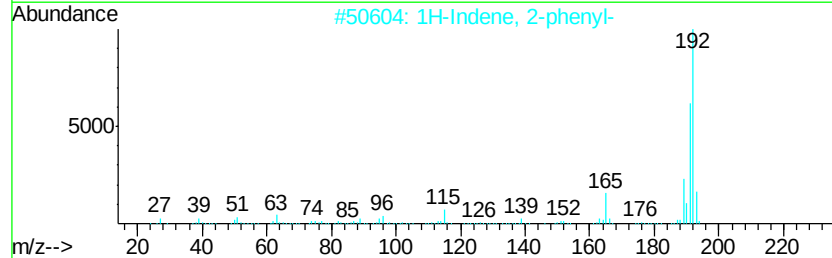
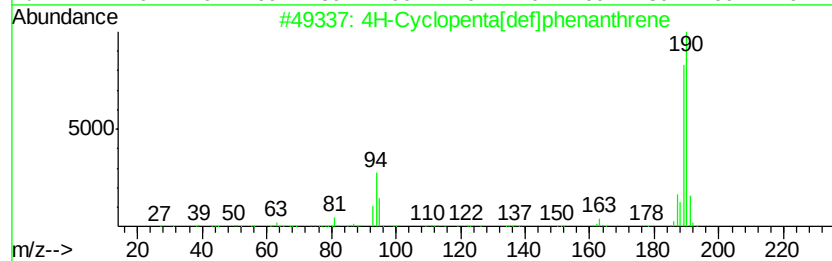
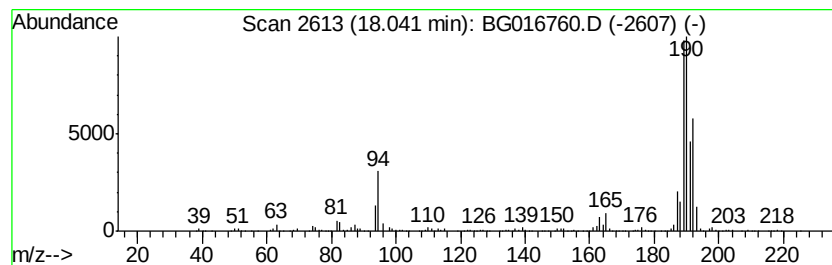
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.04	42.58 ng	1516520	Phenanthrene-d10	16.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	30
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
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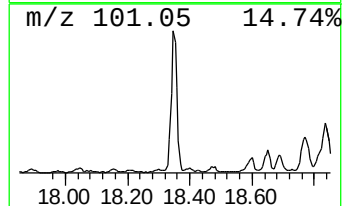
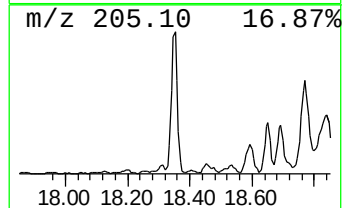
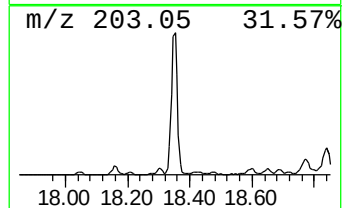
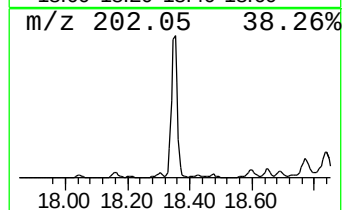
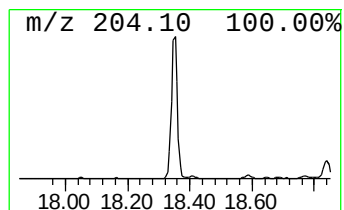
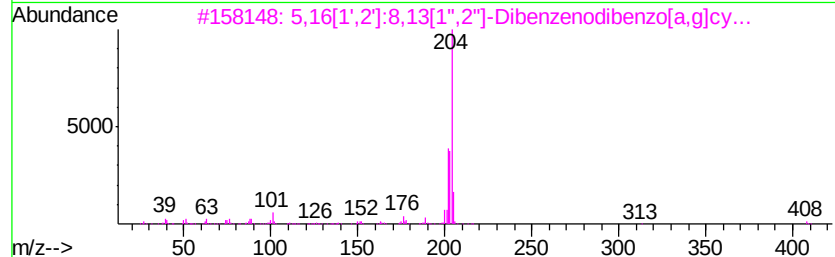
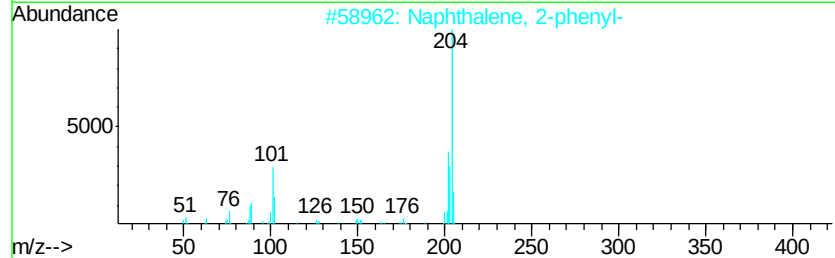
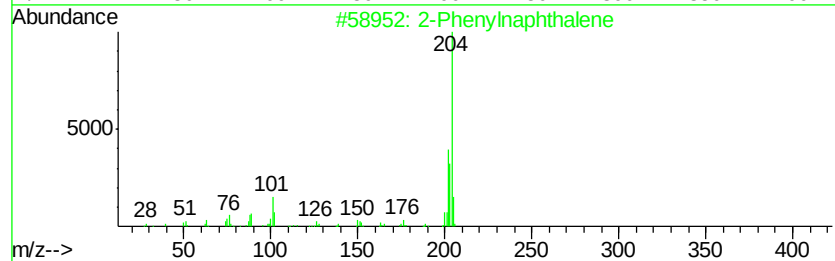
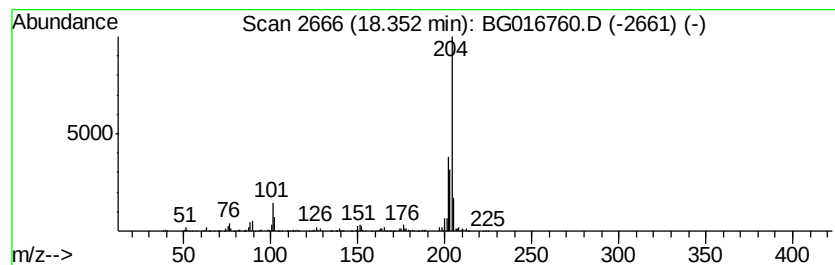
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 2-Phenylnaphthalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	21.26 ng	757265	Phenanthrene-d10	16.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	96
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3		5,16[1',2':8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	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	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
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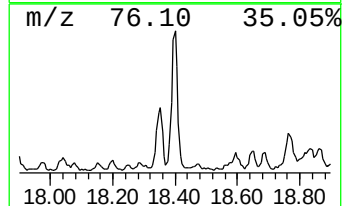
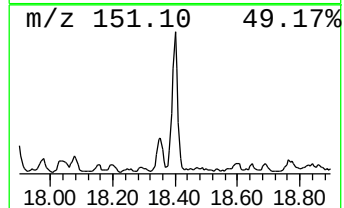
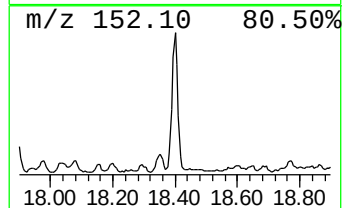
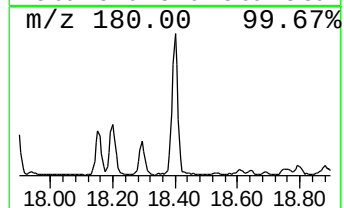
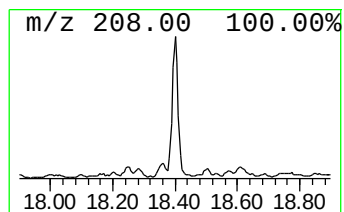
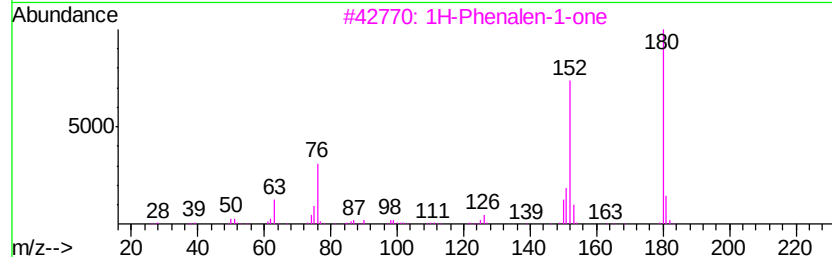
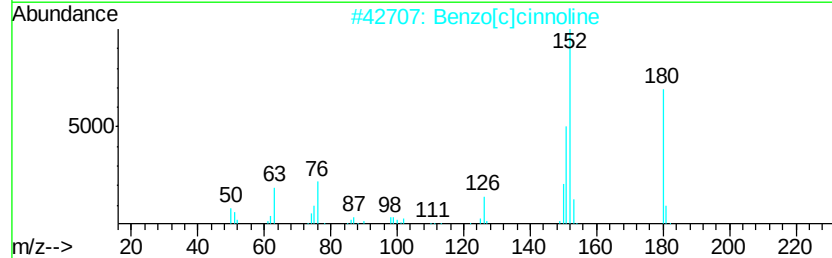
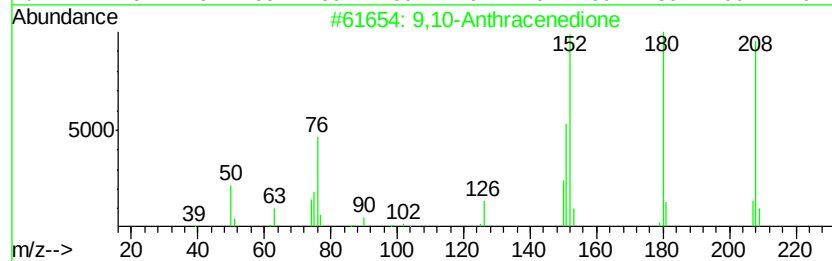
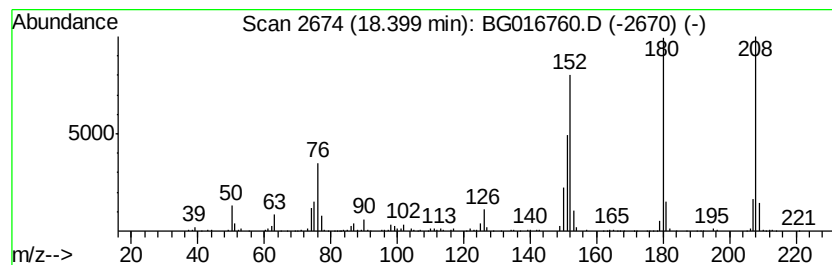
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	9.82 ng	349551	Phenanthrene-d10	16.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
3			1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	53
5			9H-Fluoren-9-one	180	C13H8O	000486-25-9	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
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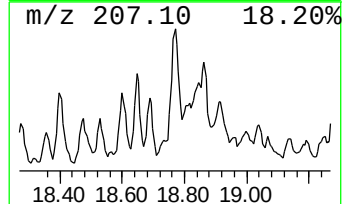
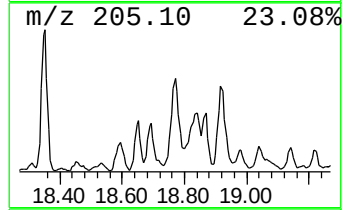
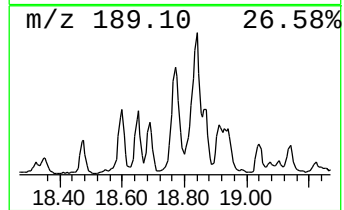
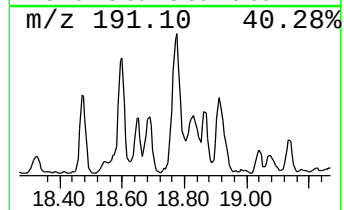
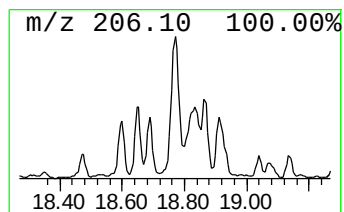
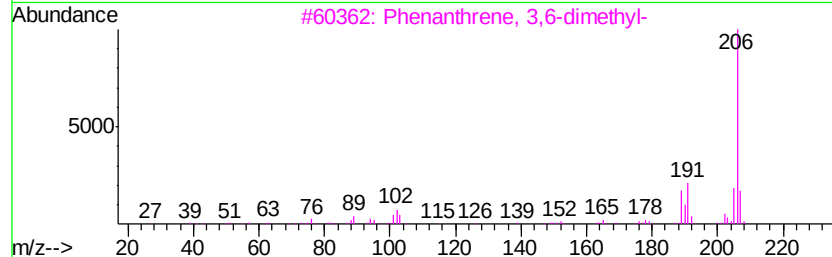
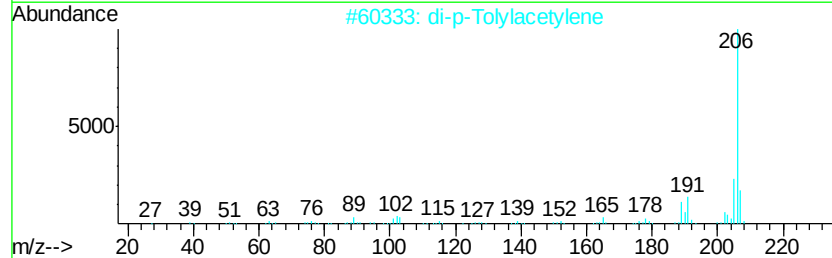
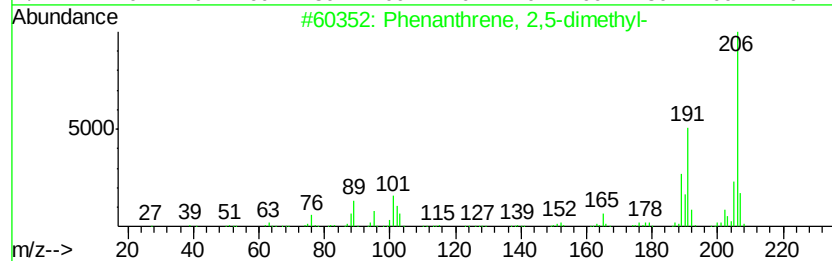
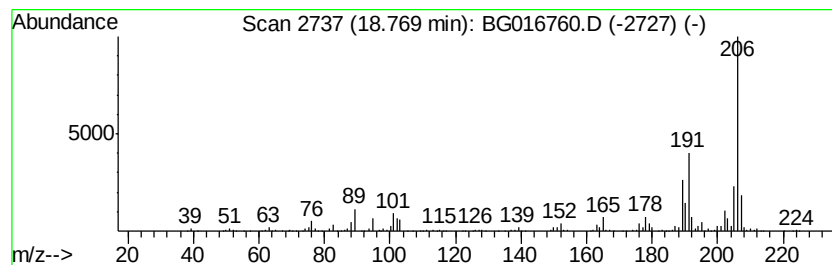
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.77	17.62 ng	627527	Phenanthrene-d10		16.97
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
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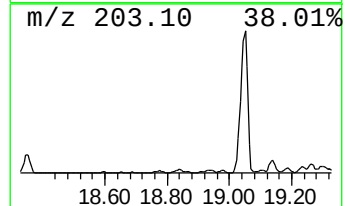
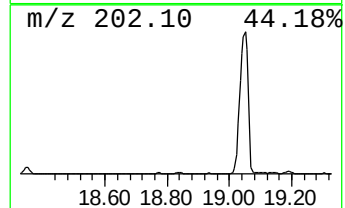
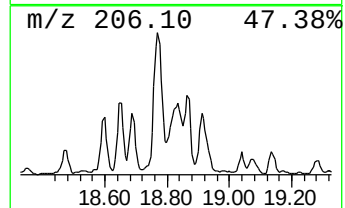
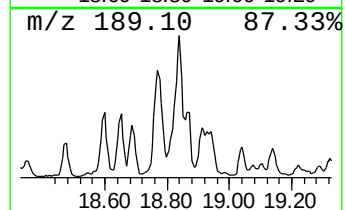
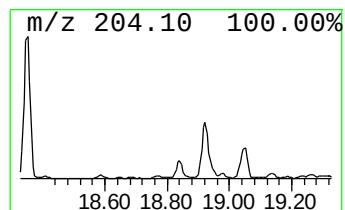
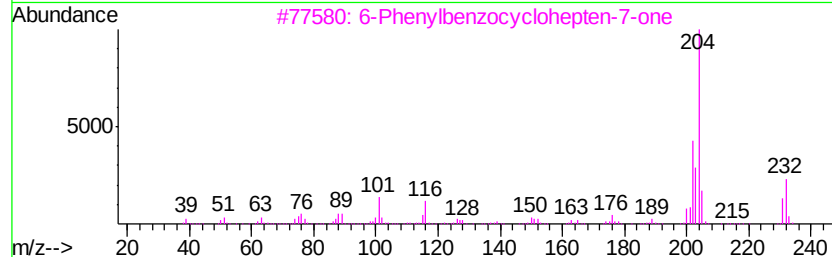
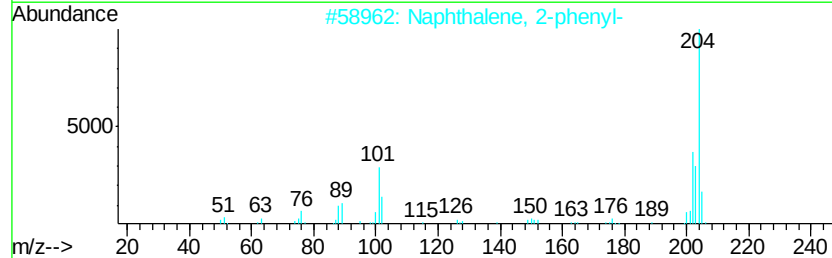
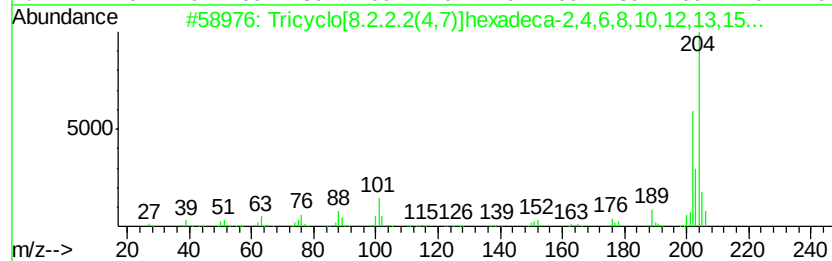
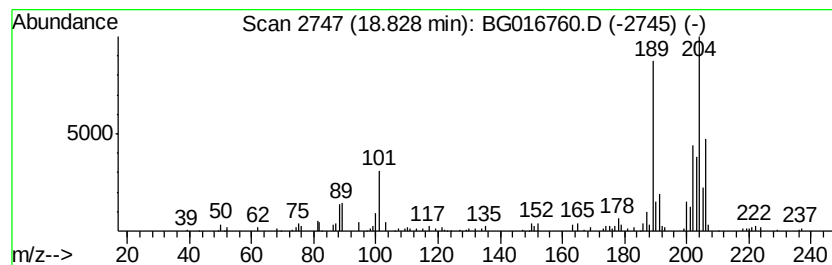
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.83	9.99 ng	355765	Phenanthrene-d10	16.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	60
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	50
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	47
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	47
5	(7-Isopropylidenebicyclo[2.2.1]h...	204	C13H16O2	1000211-02-2	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016760.D
Acq On : 28 Apr 2015 9:12
Operator : TP/IZ
Sample : G1991-13 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-63S

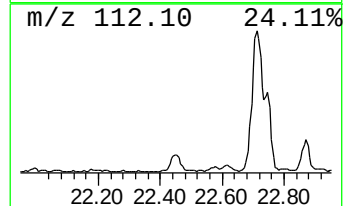
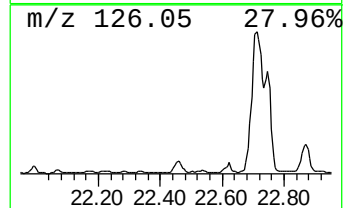
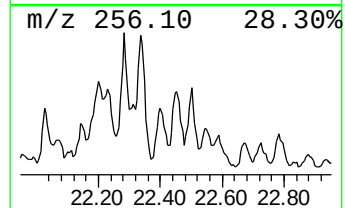
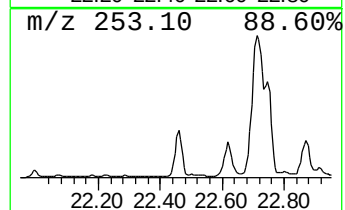
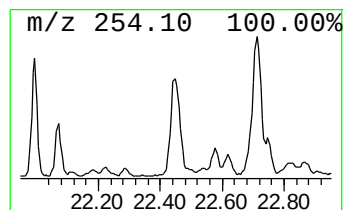
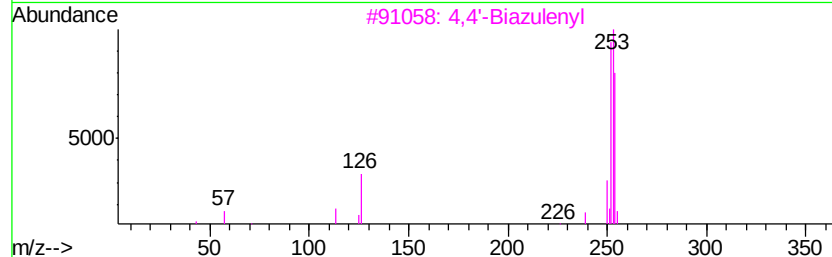
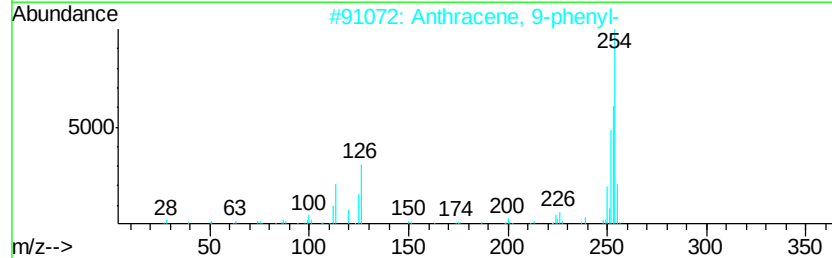
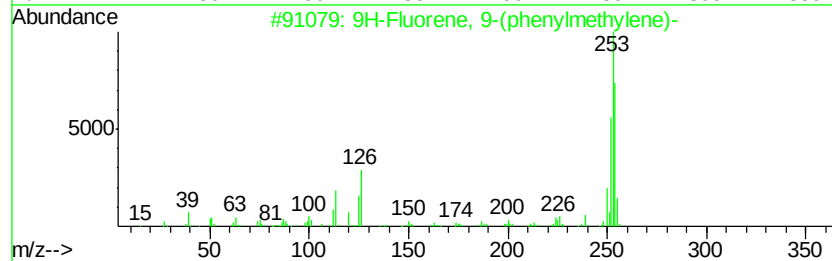
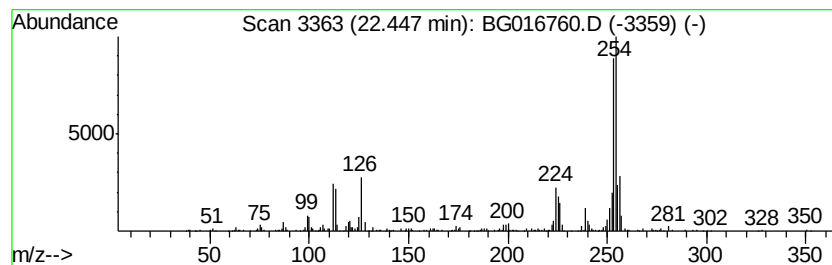
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9H-Fluorene, 9-(phenylmethy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	9.58 ng	389980	Perylene-d12	23.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 9-(phenylmethylenyl)-	254	C20H14	001836-87-9	86
2		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	78
3		4,4'-Biazuleny	254	C20H14	094053-54-0	70
4		4,6'-Biazuleny	254	C20H14	094154-49-1	58
5		7,12-DIHYDROBENZO[K]FLUORANTHENE	254	C20H14	1000080-17-7	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016760.D
Acq On : 28 Apr 2015 9:12
Operator : TP/IZ
Sample : G1991-13 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
SB-63S

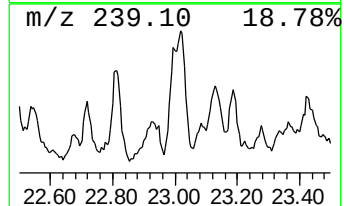
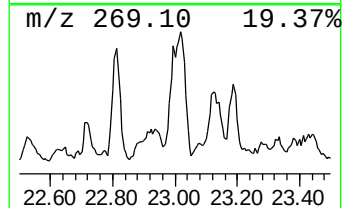
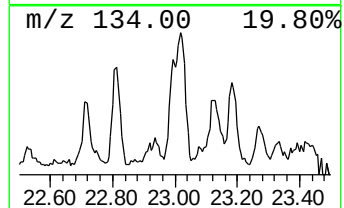
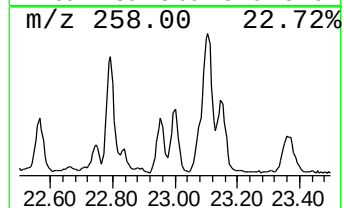
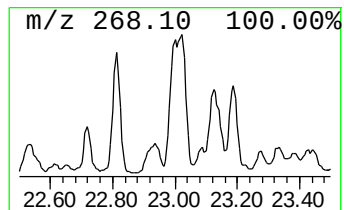
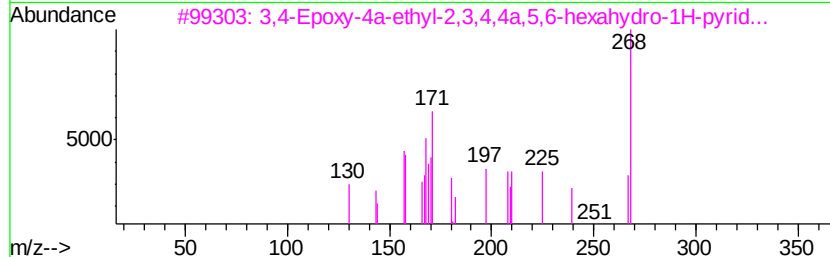
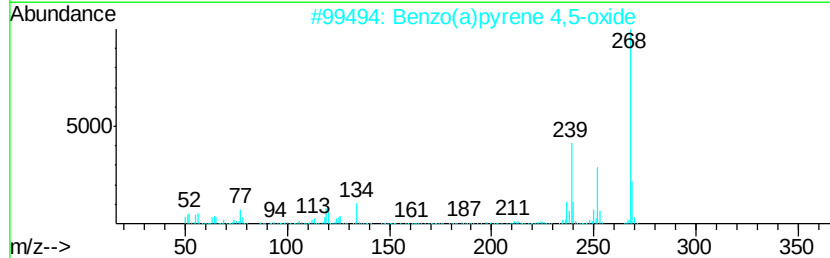
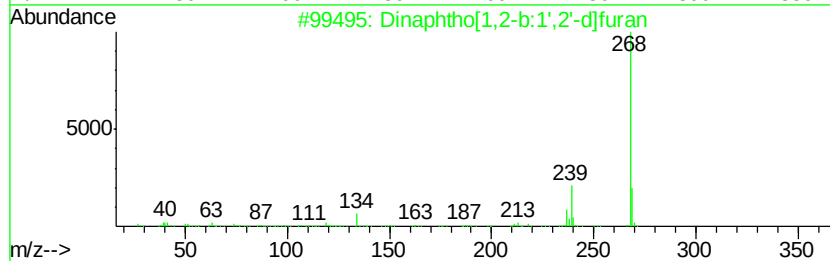
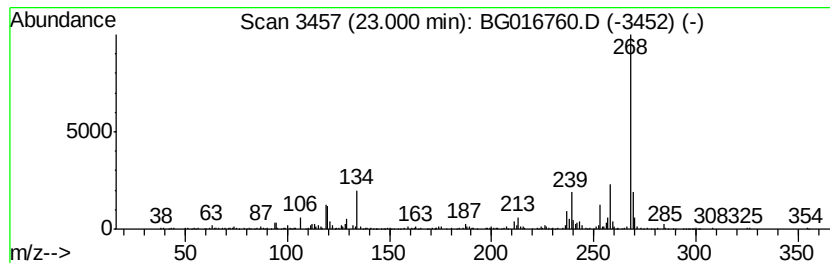
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.00	10.59 ng	430895	Perylene-d12	23.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	64
2		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	50
3		3,4-Epoxy-4a-ethyl-2,3,4,4a,5,6-...	268	C17H20N2O	080249-75-8	50
4		10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	49
5		9,10-Anthracenedione, 2,3-dimeth...	268	C16H12O4	022506-55-4	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042715\
Data File : BG016760.D
Acq On : 28 Apr 2015 9:12
Operator : TP/IZ
Sample : G1991-13 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-63S

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
unknown7.11	7.11	16.6	ng	223220	1	7.57	268971	20.0
Anthracene, 1,2,3...	16.72	8.6	ng	304994	4	16.97	712232	20.0
Dibenzothiophene	16.79	9.4	ng	334534	4	16.97	712232	20.0
Anthracene, 2-met...	17.85	26.4	ng	941607	4	16.97	712232	20.0
Phenanthrene, 2-m...	17.89	35.4	ng	1260800	4	16.97	712232	20.0
4H-Cyclopenta[def...	18.04	42.6	ng	1516520	4	16.97	712232	20.0
2-Phenylnaphthalene	18.35	21.3	ng	757265	4	16.97	712232	20.0
9,10-Anthracenedione	18.40	9.8	ng	349551	4	16.97	712232	20.0
Phenanthrene, 2,5...	18.77	17.6	ng	627527	4	16.97	712232	20.0
Tricyclo[8.2.2.2(...	18.83	10.0	ng	355765	4	16.97	712232	20.0
9H-Fluorene, 9-(p...	22.45	9.6	ng	389980	6	23.36	813846	20.0
Dinaphtho[1,2-b:1...	23.00	10.6	ng	430895	6	23.36	813846	20.0