

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF095000.D
 Acq On : 9 May 2017 1:58
 Operator : SJ/MA
 Sample : I2996-01 20X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-01

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_F\METHODS\8270-BF050217.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	5.690	635	638	652	rBV	27311	79845	5.85%	0.457%
2	7.290	907	910	923	rBV3	29374	96361	7.06%	0.551%
3	7.390	923	927	943	rVB	82281	179343	13.14%	1.025%
4	7.707	977	981	995	rVB	394184	507145	37.15%	2.900%
5	7.948	1018	1022	1035	rVB	87956	118253	8.66%	0.676%
6	8.631	1134	1138	1155	rBV2	26433	75612	5.54%	0.432%
7	9.731	1321	1325	1341	rBV	500741	710776	52.06%	4.064%
8	10.913	1522	1526	1539	rVB	14164	25831	1.89%	0.148%
9	11.507	1623	1627	1636	rBV	127455	162405	11.90%	0.929%
10	12.042	1713	1718	1722	rVV	16467	25074	1.84%	0.143%
11	12.213	1741	1747	1757	rVB4	9507	25149	1.84%	0.144%
12	12.560	1801	1806	1812	rBV2	544893	744412	54.52%	4.256%
13	12.613	1812	1815	1822	rVB	94273	128074	9.38%	0.732%
14	12.913	1862	1866	1874	rBV	54478	83943	6.15%	0.480%
15	13.460	1954	1959	1970	rBV	139059	177962	13.03%	1.018%
16	13.736	2001	2006	2013	rVB2	29935	39157	2.87%	0.224%
17	13.866	2023	2028	2037	rBV2	75721	120533	8.83%	0.689%
18	14.360	2106	2112	2117	rBV2	19688	35078	2.57%	0.201%
19	14.683	2164	2167	2174	rVB2	26507	36095	2.64%	0.206%
20	14.795	2183	2186	2191	rVB	46993	51292	3.76%	0.293%
21	14.960	2210	2214	2217	rBV	535297	634008	46.44%	3.625%
22	15.001	2217	2221	2230	rVV	1067834	1288956	94.41%	7.370%
23	15.083	2230	2235	2245	rVB	289327	361166	26.45%	2.065%
24	15.377	2281	2285	2295	rBV2	43272	69704	5.11%	0.399%
25	15.742	2343	2347	2351	rBV	110649	124064	9.09%	0.709%
26	15.783	2351	2354	2359	rVV	144751	168414	12.34%	0.963%
27	15.860	2363	2367	2369	rVV2	53786	59098	4.33%	0.338%
28	15.895	2369	2373	2377	rVV3	179141	236918	17.35%	1.355%
29	15.936	2377	2380	2390	rVB	76372	91617	6.71%	0.524%
30	16.189	2419	2423	2427	rVB	84527	88560	6.49%	0.506%
31	16.230	2427	2430	2437	rVB	39087	51569	3.78%	0.295%
32	16.542	2478	2483	2486	rBV	35371	44510	3.26%	0.255%
33	16.583	2486	2490	2494	rVV2	26635	36855	2.70%	0.211%
34	16.654	2499	2502	2510	rVB2	48300	60878	4.46%	0.348%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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35	16.742	2512	2517	2523	rBV	1191052	1365293	100.00%	7.807%
36	16.842	2530	2534	2537	rBV2	24356	27111	1.99%	0.155%
37	16.942	2547	2551	2555	rBV2	26551	41198	3.02%	0.236%
38	17.042	2563	2568	2574	rBV	1110216	1261254	92.38%	7.212%
39	17.130	2579	2583	2587	rVV	31932	38021	2.78%	0.217%
40	17.230	2597	2600	2604	rBV	60080	62119	4.55%	0.355%
41	17.283	2604	2609	2616	rVV	141594	157467	11.53%	0.900%
42	17.342	2616	2619	2620	rVV	30571	30079	2.20%	0.172%
43	17.365	2620	2623	2628	rVV3	51922	83108	6.09%	0.475%
44	17.471	2636	2641	2644	rVV2	53661	81740	5.99%	0.467%
45	17.506	2644	2647	2652	rVB	149386	166210	12.17%	0.950%
46	17.595	2658	2662	2666	rVB	111358	117749	8.62%	0.673%
47	17.636	2666	2669	2676	rBV3	92655	162519	11.90%	0.929%
48	17.754	2686	2689	2693	rVB	37562	37764	2.77%	0.216%
49	17.795	2693	2696	2701	rVV	28729	34797	2.55%	0.199%
50	18.071	2740	2743	2747	rVB2	19275	26667	1.95%	0.152%
51	18.148	2753	2756	2759	rBV3	17969	27314	2.00%	0.156%
52	18.183	2759	2762	2767	rVB	69813	76795	5.62%	0.439%
53	18.306	2779	2783	2786	rBV	70687	97612	7.15%	0.558%
54	18.342	2786	2789	2791	rVV	80974	92308	6.76%	0.528%
55	18.371	2791	2794	2797	rVV	65036	70501	5.16%	0.403%
56	18.401	2797	2799	2804	rVB2	51534	63562	4.66%	0.363%
57	18.453	2804	2808	2812	rBV	89050	94888	6.95%	0.543%
58	18.530	2818	2821	2825	rVB2	25262	31761	2.33%	0.182%
59	18.624	2828	2837	2841	rBV2	785267	1342498	98.33%	7.676%
60	18.665	2841	2844	2853	rVB	504210	623596	45.67%	3.566%
61	18.759	2856	2860	2865	rVB	90618	106127	7.77%	0.607%
62	18.836	2869	2873	2876	rBV2	36989	55528	4.07%	0.318%
63	18.906	2882	2885	2889	rVB	73780	83439	6.11%	0.477%
64	18.948	2889	2892	2898	rVB	56812	72360	5.30%	0.414%
65	19.083	2912	2915	2918	rBV2	27952	32754	2.40%	0.187%
66	19.130	2918	2923	2927	rVV	94773	141016	10.33%	0.806%
67	19.171	2927	2930	2934	rVB2	48194	63277	4.63%	0.362%
68	19.248	2939	2943	2946	rVB2	64820	70044	5.13%	0.401%
69	19.283	2946	2949	2951	rBV3	35629	46807	3.43%	0.268%
70	19.389	2964	2967	2972	rVB2	24278	32528	2.38%	0.186%
71	19.518	2984	2989	2992	rBV5	18248	25856	1.89%	0.148%

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72	19.553	2992	2995	3002	rVB8	27603	50586	3.71%	0.289%
73	19.630	3003	3008	3009	rBV4	16259	24497	1.79%	0.140%
74	19.730	3022	3025	3031	rBV	54434	70062	5.13%	0.401%
75	19.848	3039	3045	3048	rVB5	23261	33094	2.42%	0.189%
76	19.895	3048	3053	3055	rBV	459574	642044	47.03%	3.671%
77	19.918	3055	3057	3064	rVB	236265	264175	19.35%	1.511%
78	20.000	3068	3071	3076	rVB	87260	90043	6.60%	0.515%
79	20.047	3076	3079	3083	rVB4	27063	29641	2.17%	0.169%
80	20.142	3093	3095	3098	rVV4	36334	45950	3.37%	0.263%
81	20.183	3098	3102	3106	rVV	258072	309426	22.66%	1.769%
82	20.242	3108	3112	3117	rVV	396004	490505	35.93%	2.805%
83	20.295	3117	3121	3125	rVV	460233	574796	42.10%	3.287%
84	20.324	3125	3126	3131	rVV	112170	145363	10.65%	0.831%
85	20.395	3135	3138	3142	rVV5	39186	71221	5.22%	0.407%
86	20.430	3142	3144	3148	rVV2	27021	26214	1.92%	0.150%
87	20.471	3148	3151	3153	rVV2	19817	25655	1.88%	0.147%
88	20.512	3153	3158	3164	rVB3	28652	49875	3.65%	0.285%
89	20.771	3198	3202	3204	rVV4	28734	38325	2.81%	0.219%
90	21.194	3269	3274	3279	rBV8	28634	52498	3.85%	0.300%
91	21.283	3285	3289	3292	rBV6	15253	24033	1.76%	0.137%
92	21.330	3295	3297	3303	rVB4	20430	32291	2.37%	0.185%
93	21.594	3336	3342	3351	rBV3	130073	255141	18.69%	1.459%
94	21.671	3351	3355	3363	rVB9	16221	36994	2.71%	0.212%
95	21.741	3363	3367	3371	rBV2	28961	47558	3.48%	0.272%
96	21.789	3371	3375	3382	rVB5	21775	46601	3.41%	0.266%
97	21.965	3400	3405	3414	rVB2	78485	159662	11.69%	0.913%
98	22.189	3438	3443	3448	rBV2	17747	36417	2.67%	0.208%
99	23.888	3722	3732	3739	rBV5	22363	73103	5.35%	0.418%
100	24.059	3751	3761	3766	rBV5	17755	60807	4.45%	0.348%

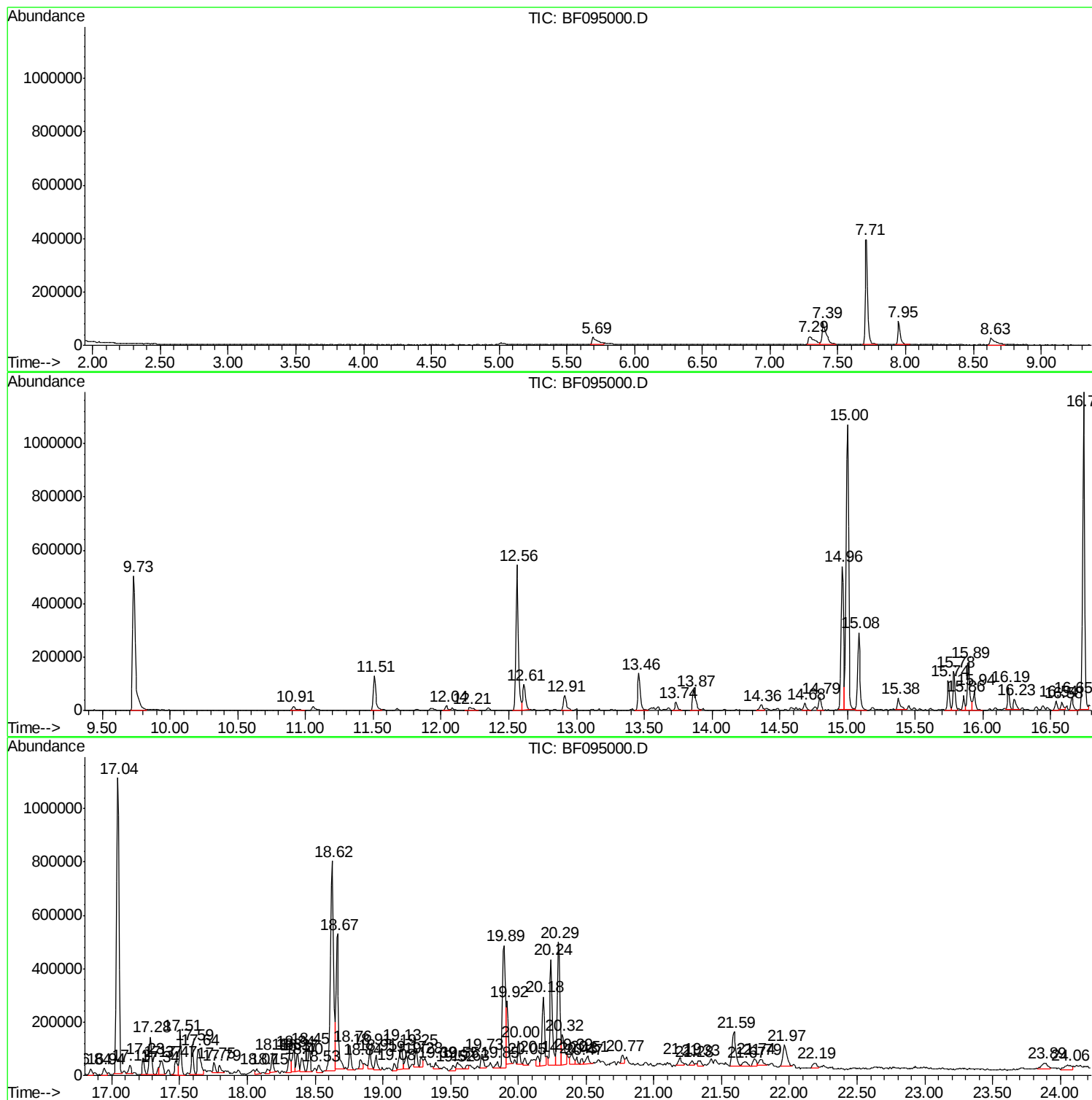
Sum of corrected areas: 17488901

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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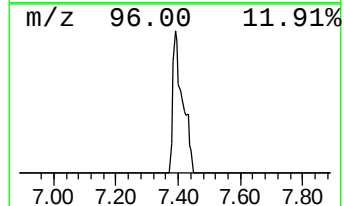
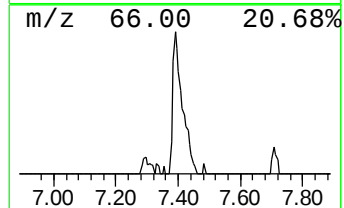
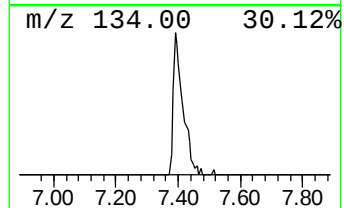
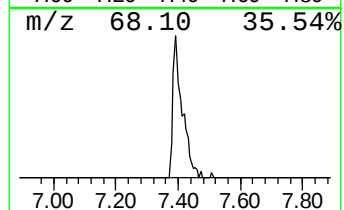
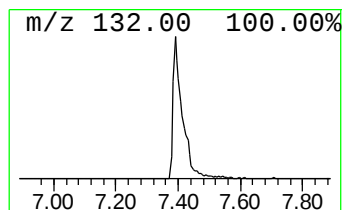
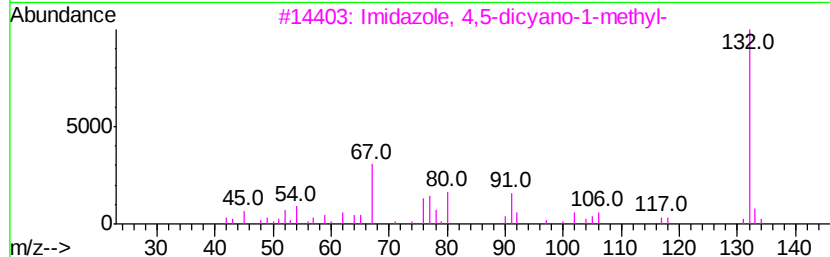
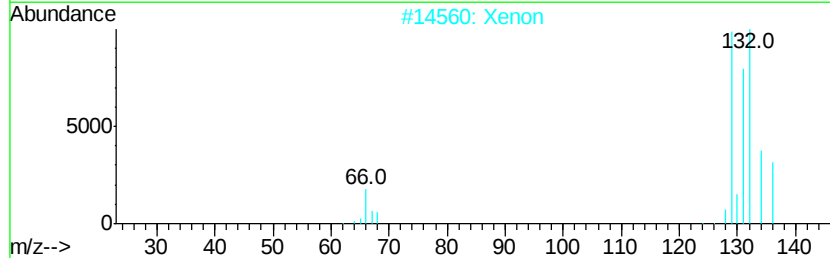
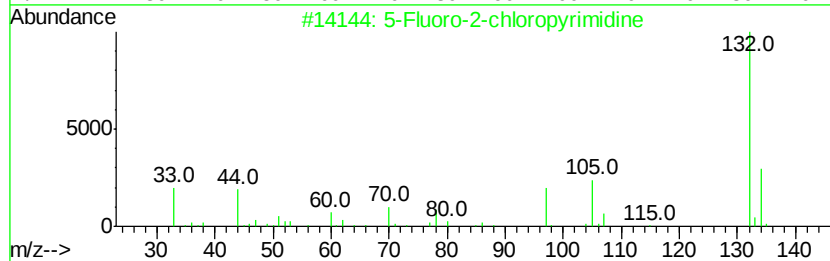
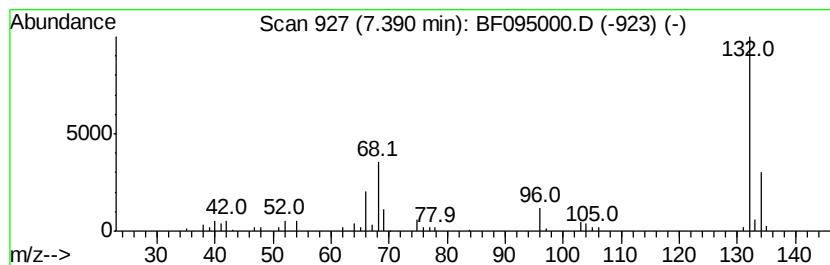
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.39 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	7.07 ng	179343	1,4-Dichlorobenzene-d4	7.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
2			Xenon	132	Xe	007440-63-3	9
3			Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
4			4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5			1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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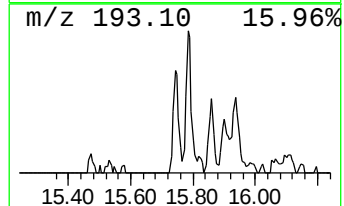
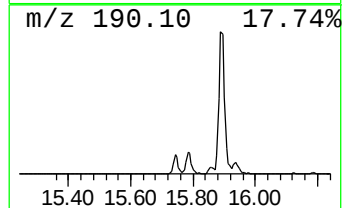
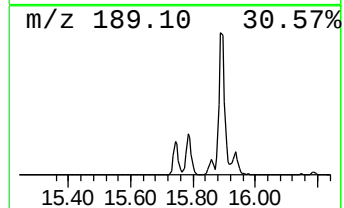
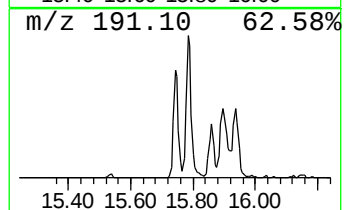
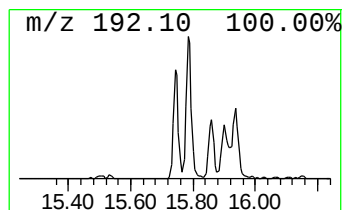
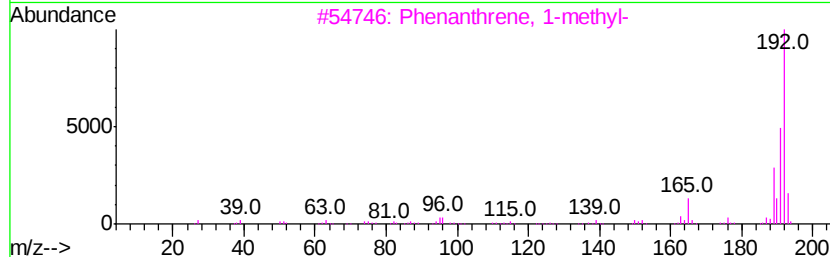
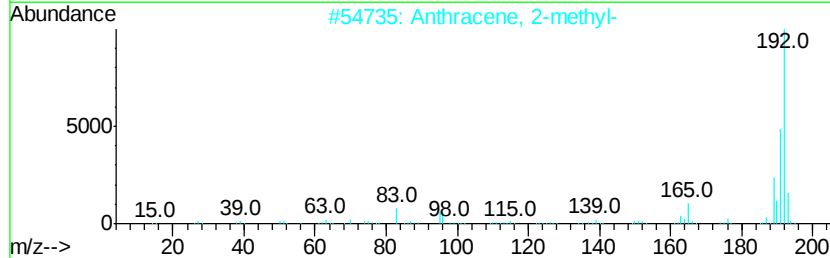
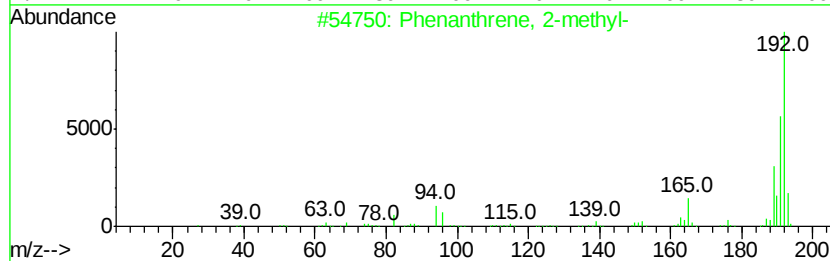
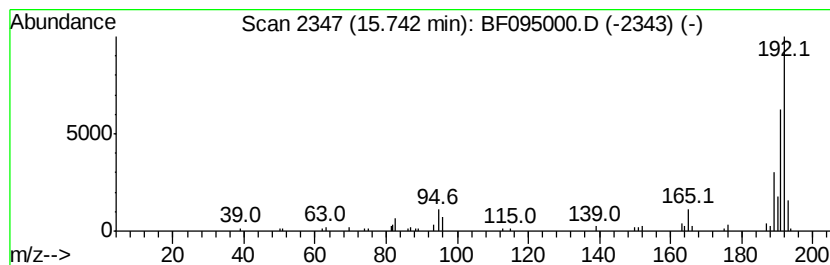
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	3.91 ng	124064	Phenanthrene-d10	14.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
5		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	92



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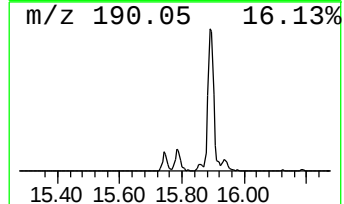
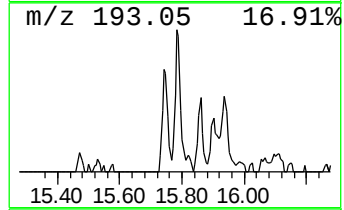
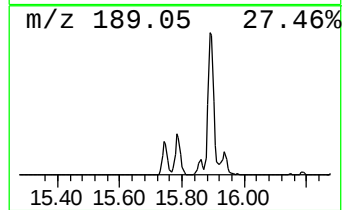
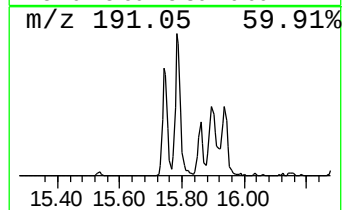
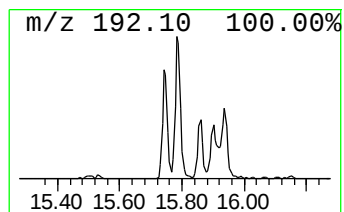
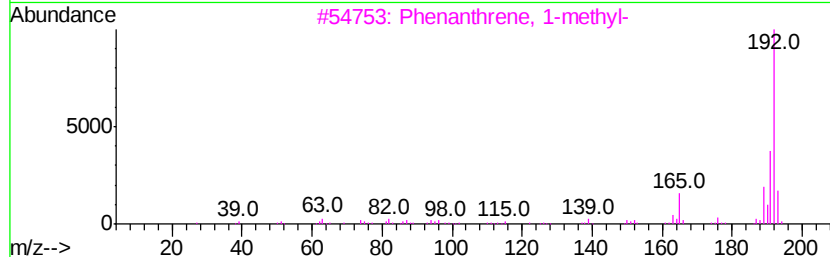
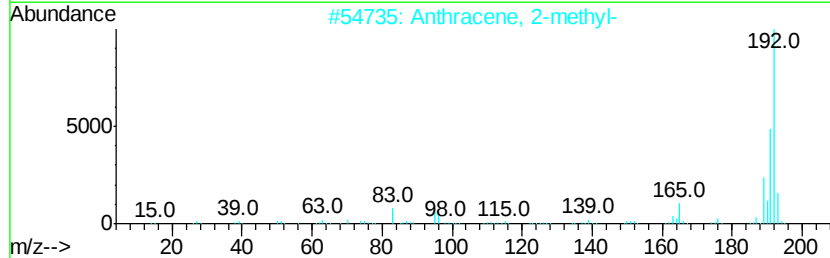
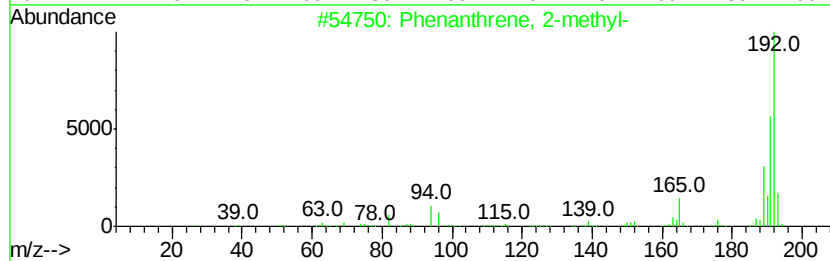
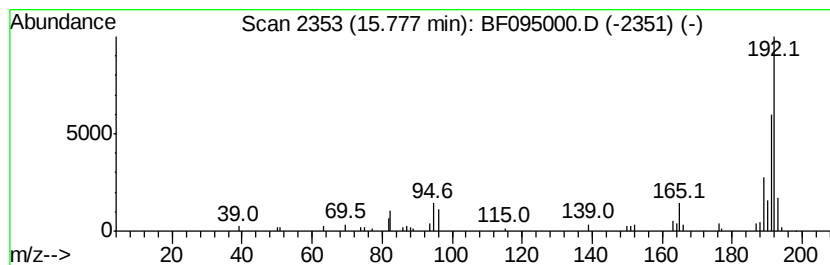
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Peak Number 4 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	5.31 ng	168414	Phenanthrene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
Data File : BF095000.D
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Operator : SJ/MA
Sample : I2996-01 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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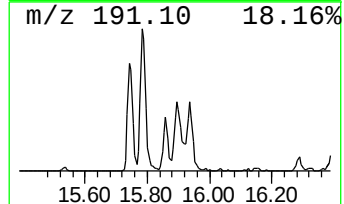
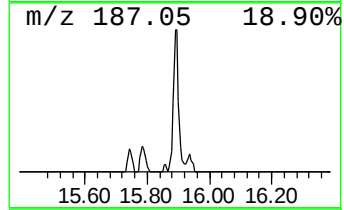
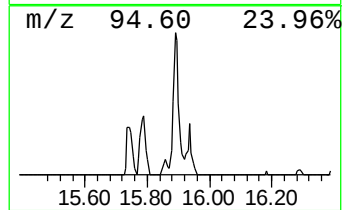
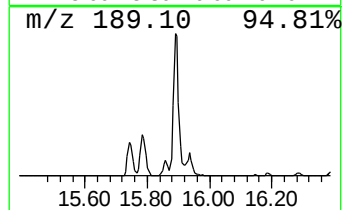
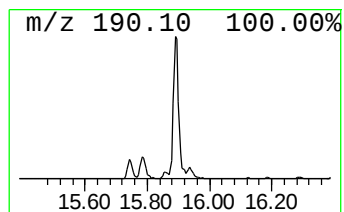
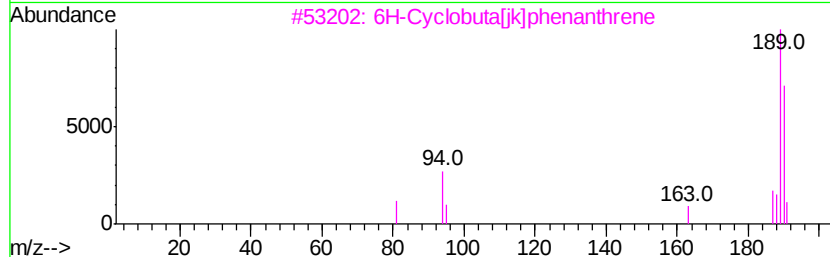
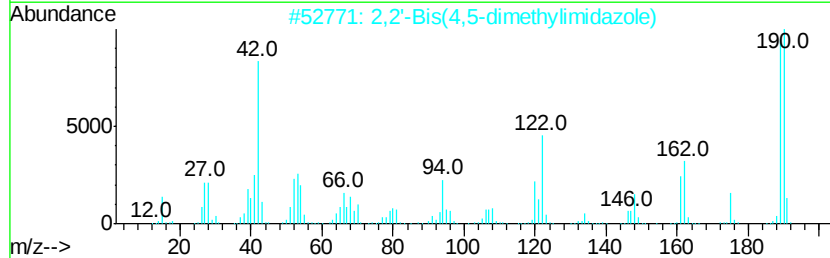
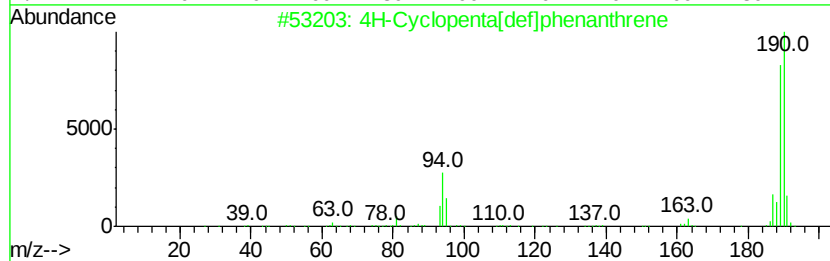
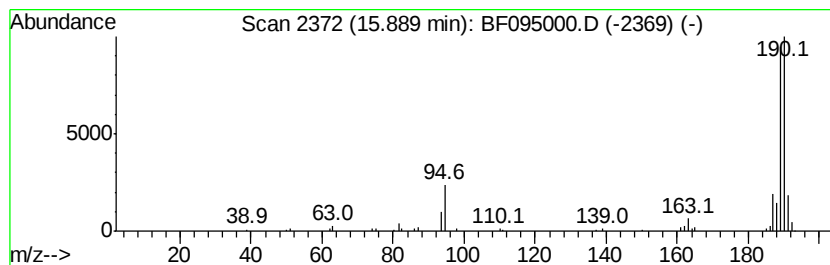
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	7.47 ng	236918	Phenanthrene-d10	14.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
3		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	45
4		Methyl diselenide	190	C2H6Se2	007101-31-7	43
5		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
Data File : BF095000.D
Acq On : 9 May 2017 1:58
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Sample : I2996-01 20X
Misc :
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ClientSampleId :
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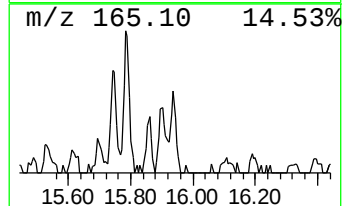
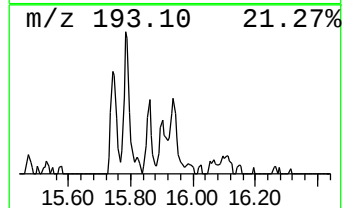
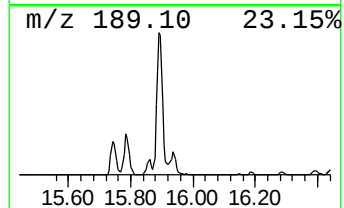
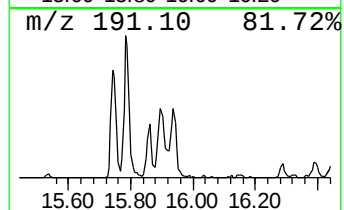
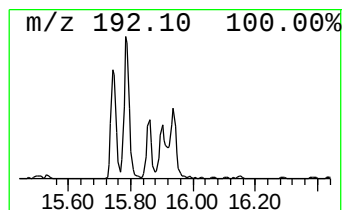
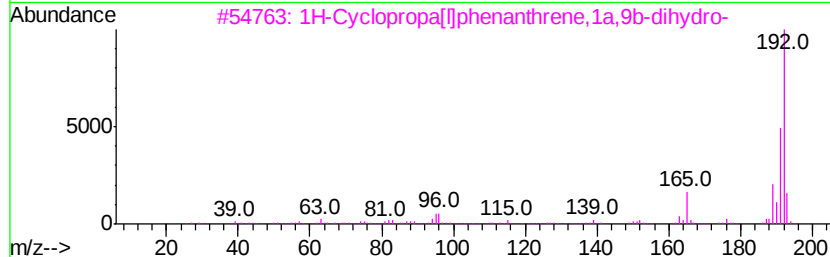
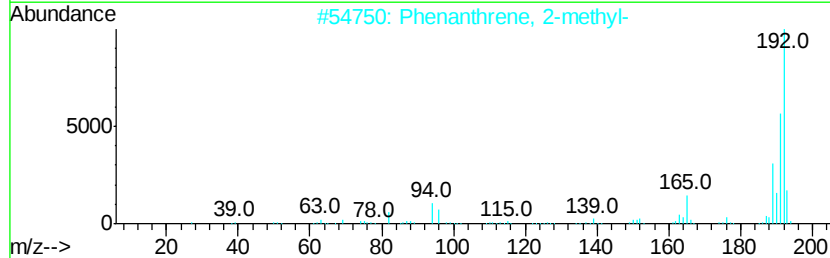
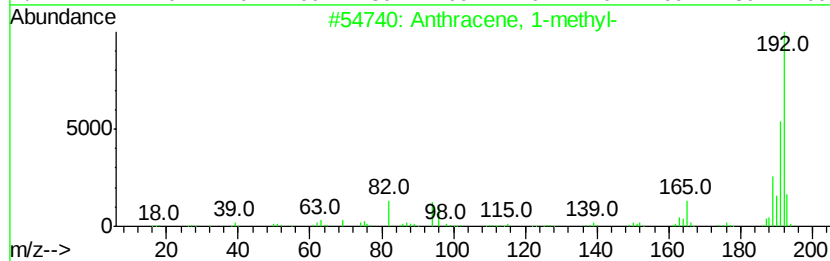
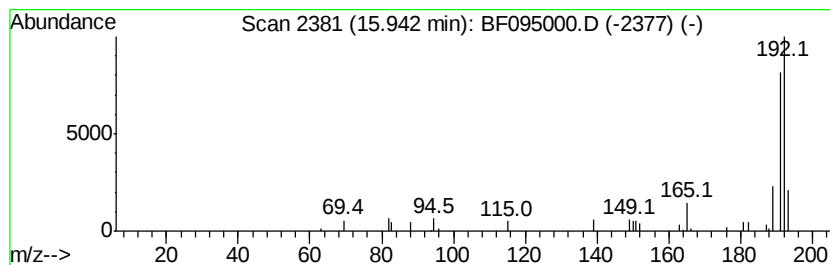
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	2.89 ng	91617	Phenanthrene-d10	14.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	81
4		Naphtho[1,2-b]norborene	192	C15H12	1000210-14-8	76
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
Data File : BF095000.D
Acq On : 9 May 2017 1:58
Operator : SJ/MA
Sample : I2996-01 20X
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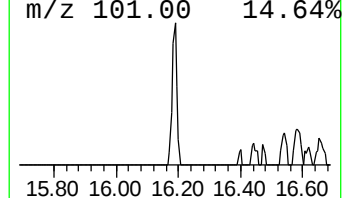
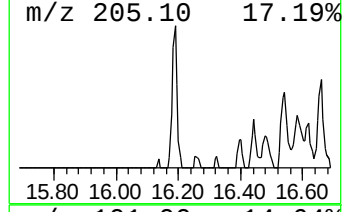
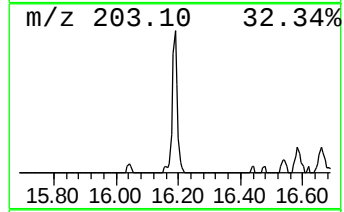
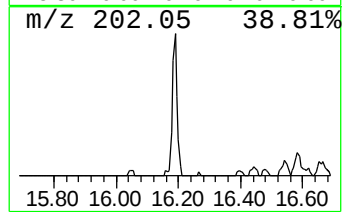
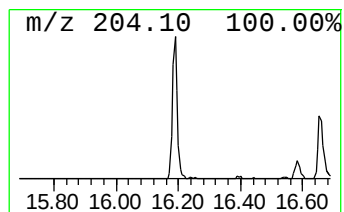
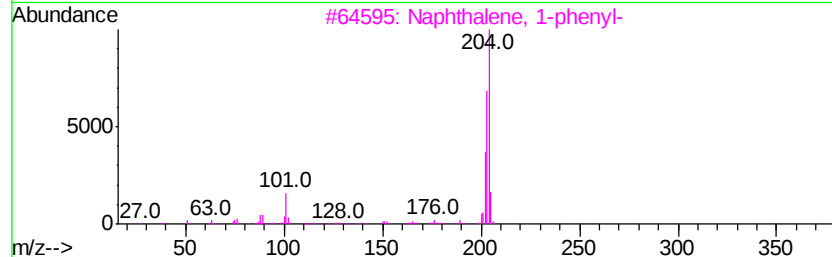
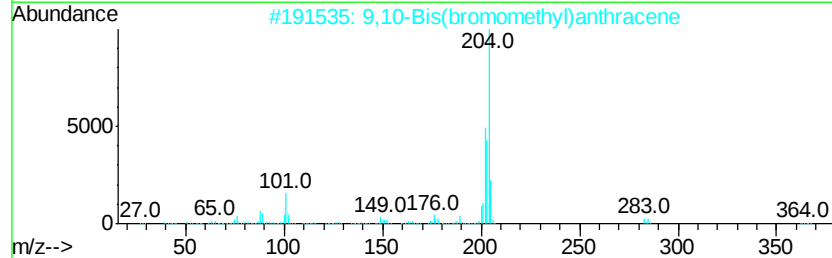
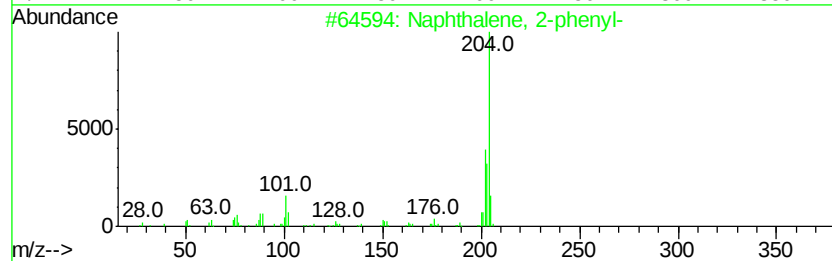
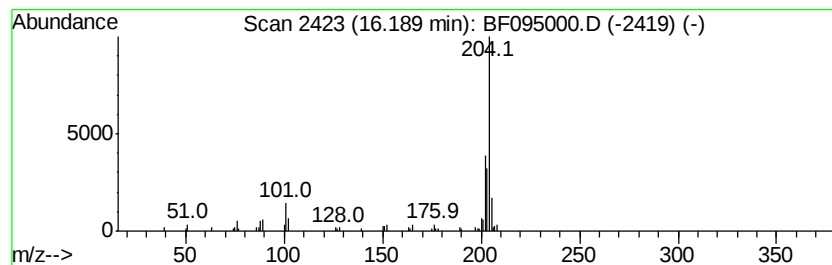
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.		
16.19	2.79 ng	88560	Phenanthrene-d10		14.96		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	90
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF095000.D
Acq On : 9 May 2017 1:58
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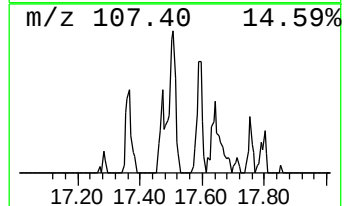
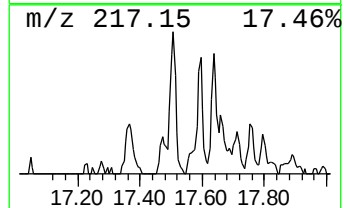
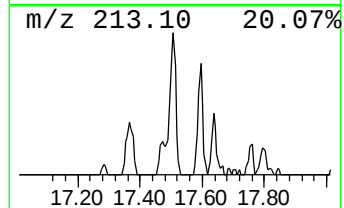
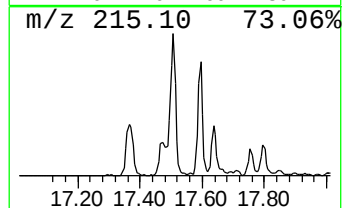
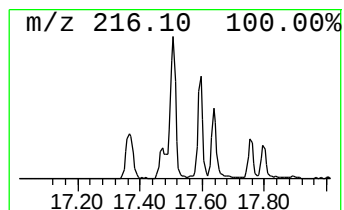
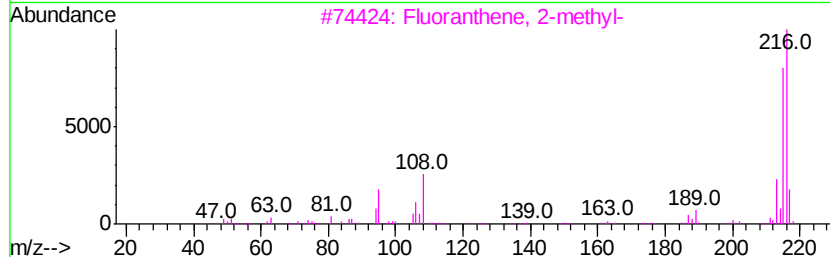
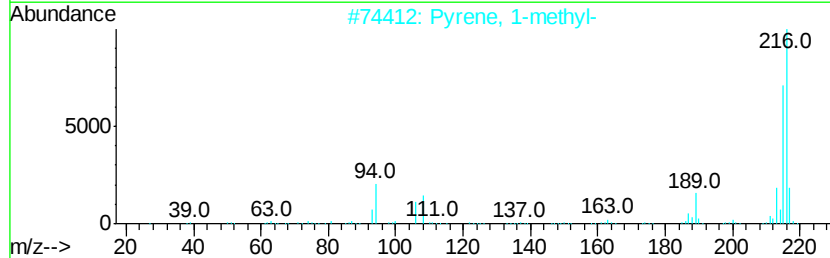
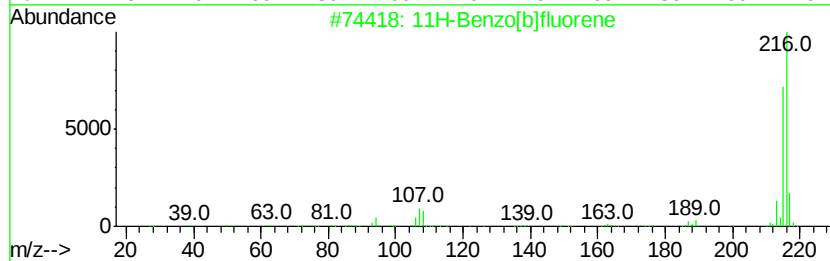
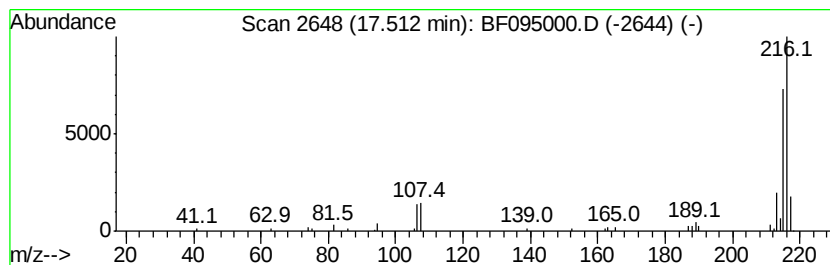
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	2.48 ng	166210	Chrysene-d12	18.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5		Pyrene, 4-methyl-	216	C17H12	003353-12-6	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
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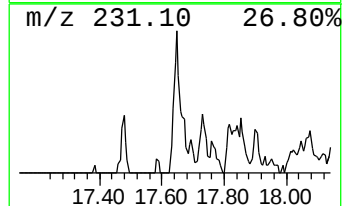
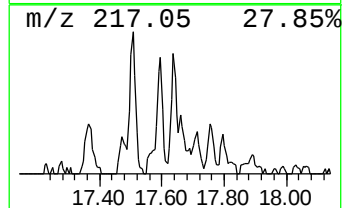
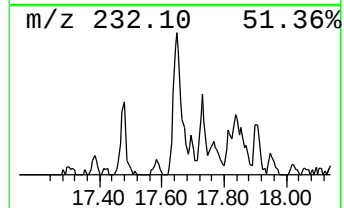
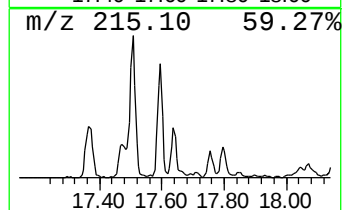
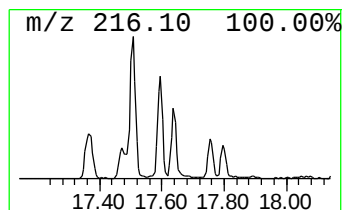
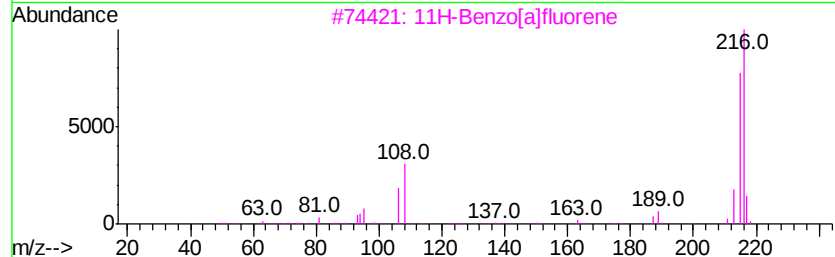
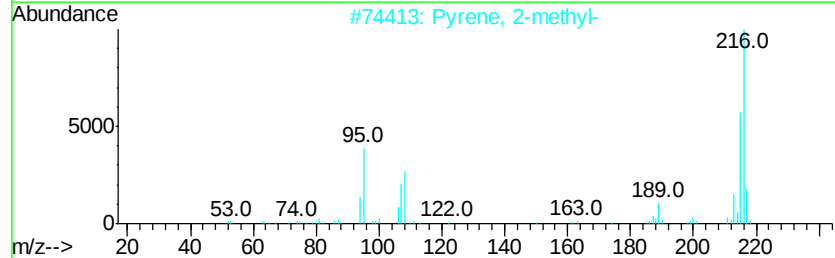
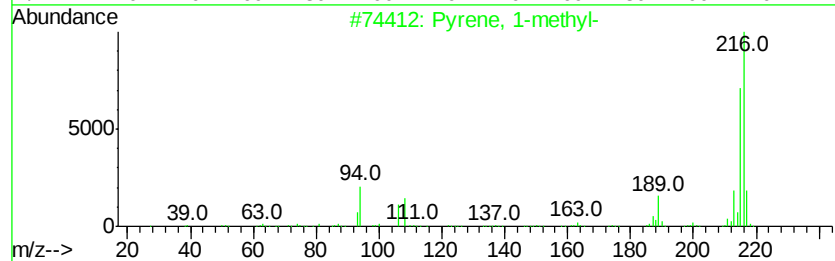
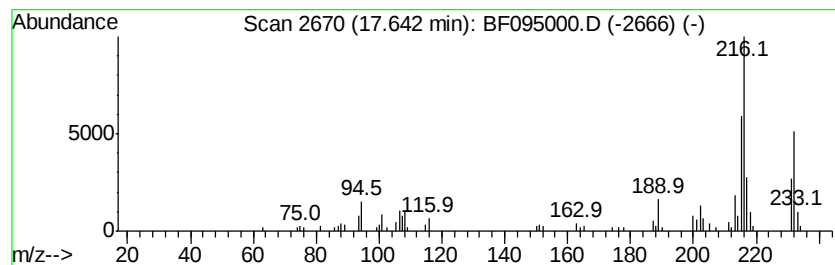
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.64	2.42 ng	162519	Chrysene-d12		18.63
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
3	11H-Benzo[alfluorene	216	C17H12	000238-84-6	58
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
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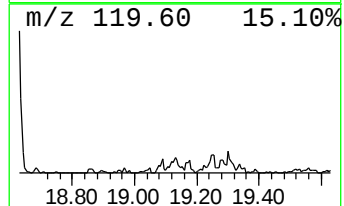
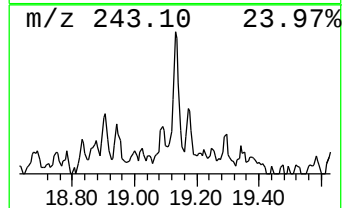
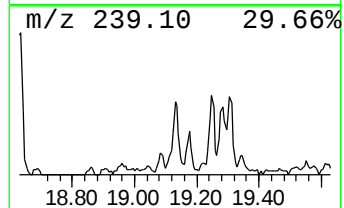
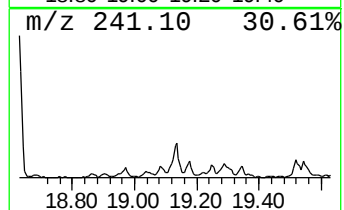
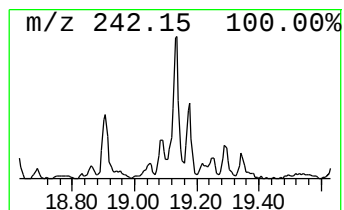
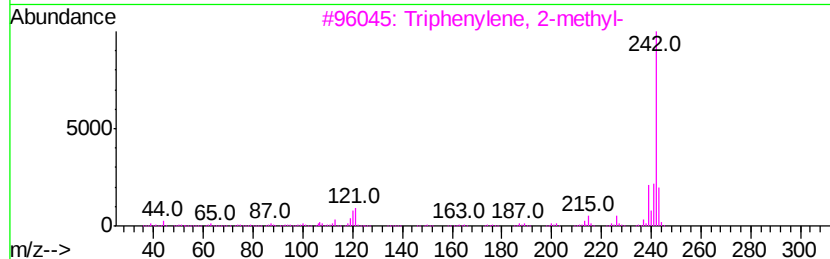
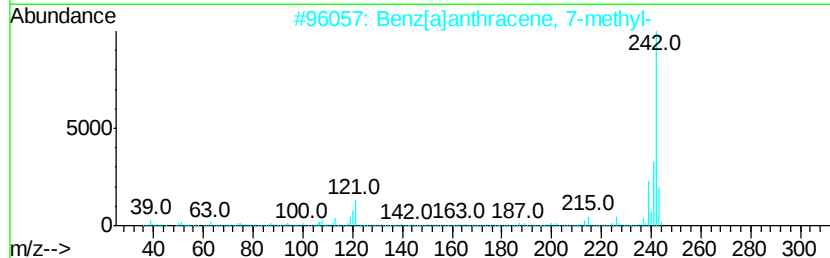
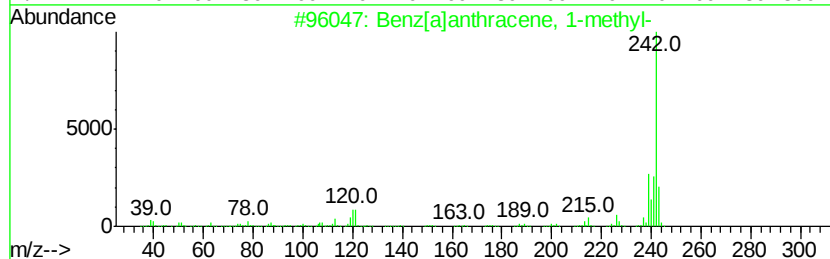
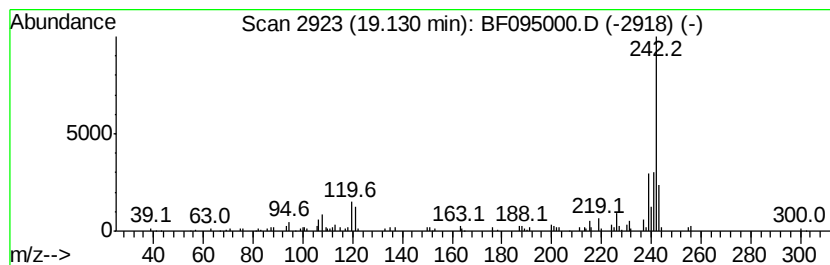
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benz[a]anthracene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	2.10 ng	141016	Chrysene-d12	18.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	96
2		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
3		Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
4		Chrysene, 3-methyl-	242	C19H14	003351-31-3	93
5		Chrysene, 1-methyl-	242	C19H14	003351-28-8	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
Data File : BF095000.D
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ClientSampleId :
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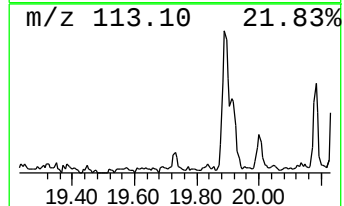
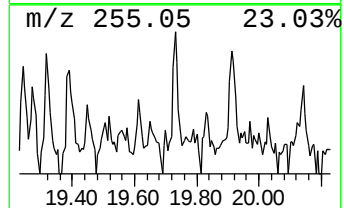
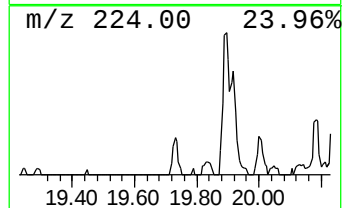
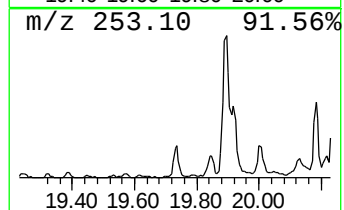
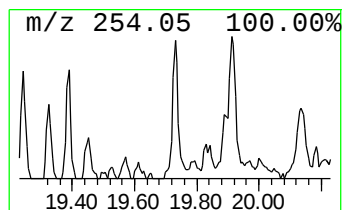
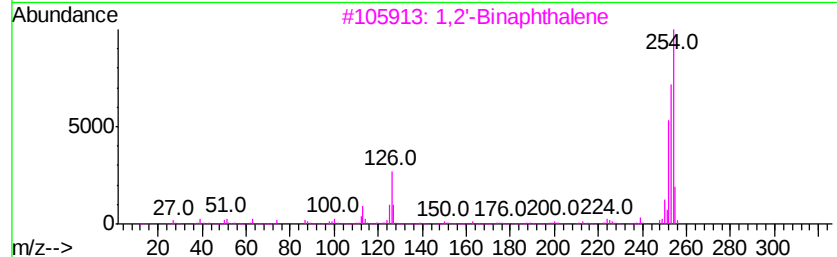
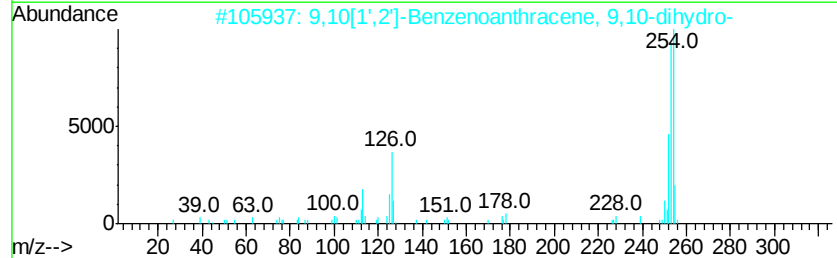
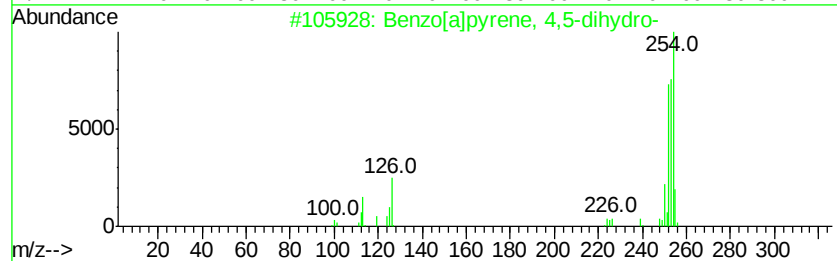
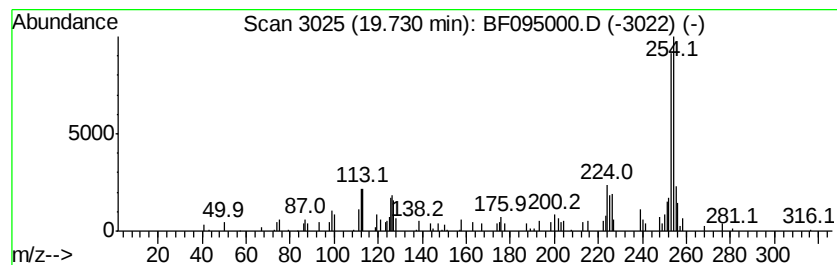
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzo[a]pyrene, 4,5-dihydro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	2.44 ng	70062	Perylene-d12	20.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	81
2		9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	76
3		1,2'-Binaphthalene	254	C20H14	004325-74-0	76
4		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	68
5		4,6'-Biazulenyl	254	C20H14	094154-49-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
Data File : BF095000.D
Acq On : 9 May 2017 1:58
Operator : SJ/MA
Sample : I2996-01 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-01

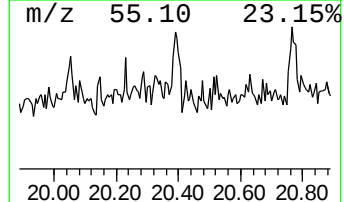
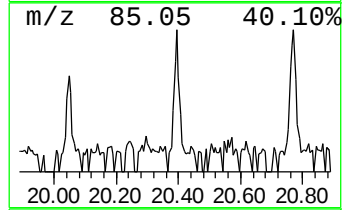
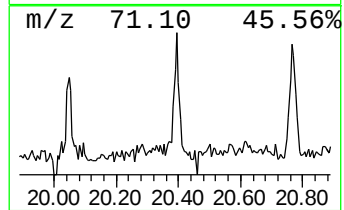
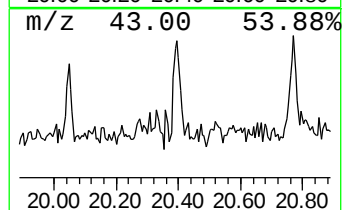
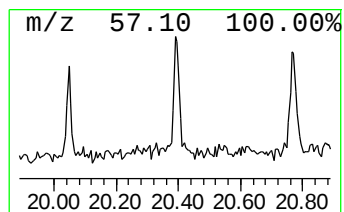
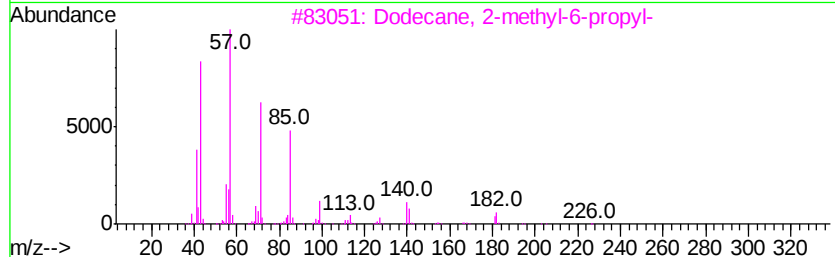
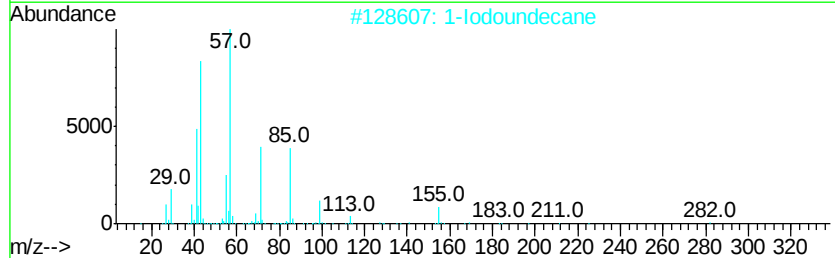
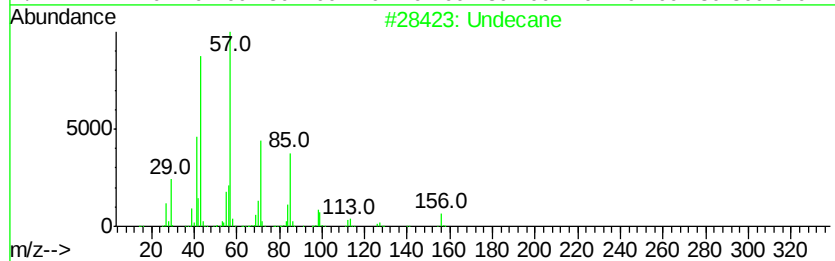
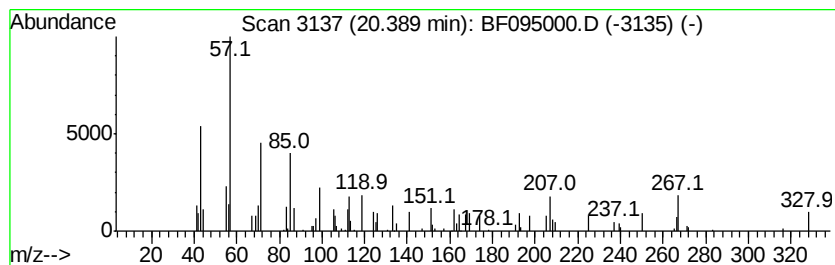
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown20.39 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.39	2.48 ng	71221	Perylene-d12	20.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	43
2		1-Iodoundecane	282	C11H23I	004282-44-4	43
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	43
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	43
5		Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
Data File : BF095000.D
Acq On : 9 May 2017 1:58
Operator : SJ/MA
Sample : I2996-01 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-01

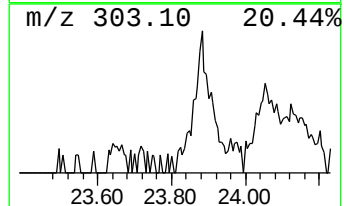
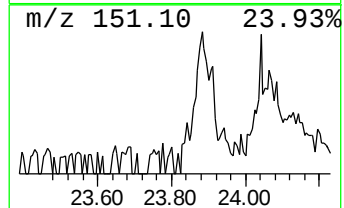
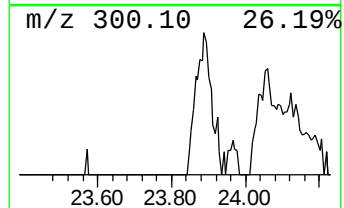
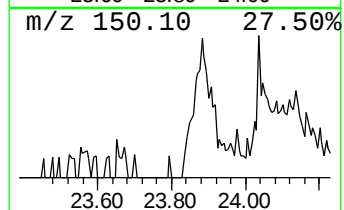
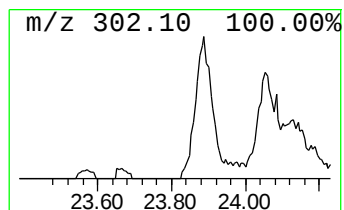
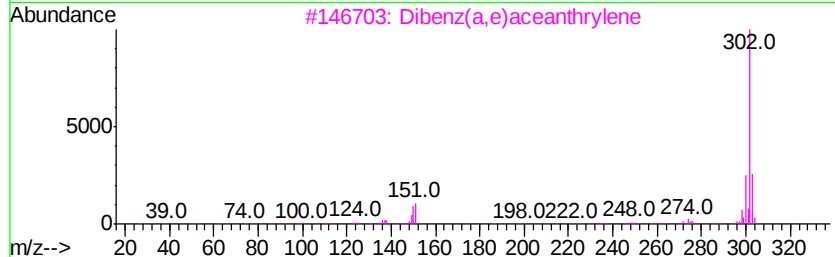
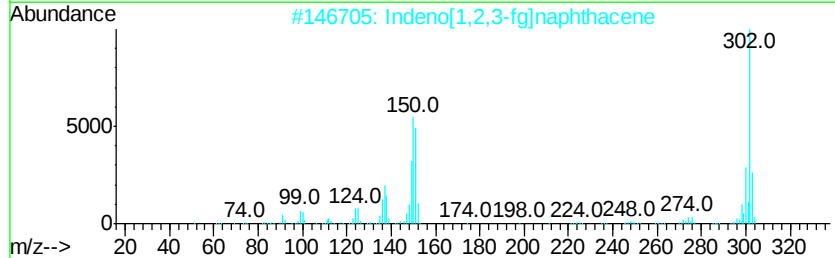
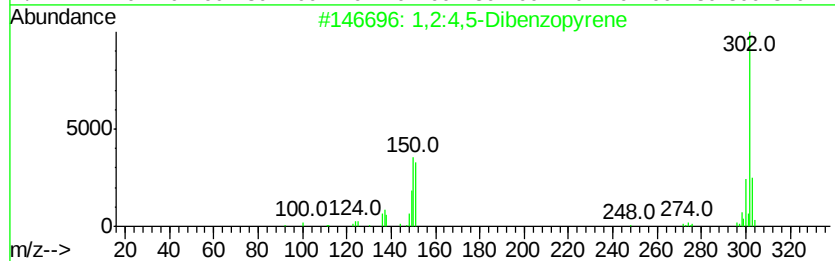
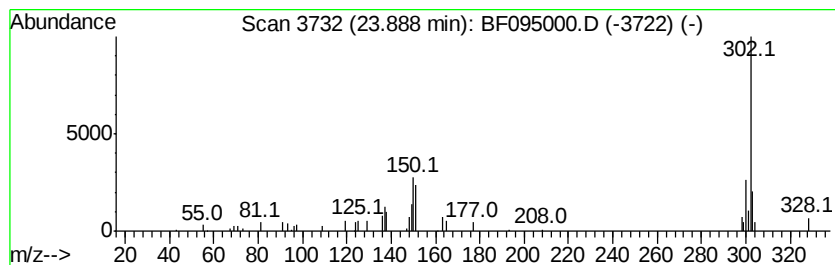
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 1,2:4,5-Dibenzopyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	2.54 ng	73103	Perylene-d12	20.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	94
2			Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	93
3			Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	87
4			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	83
5			Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
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Operator : SJ/MA
Sample : I2996-01 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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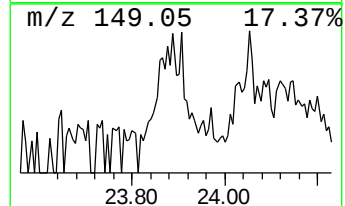
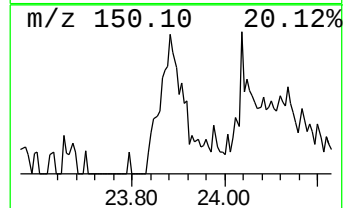
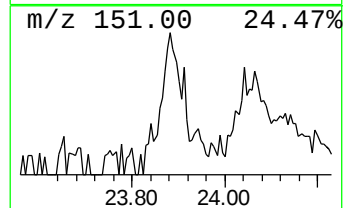
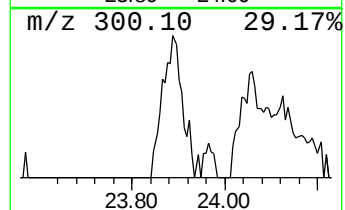
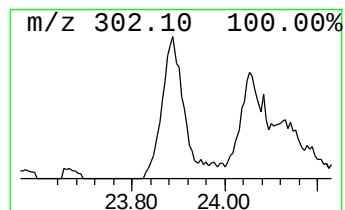
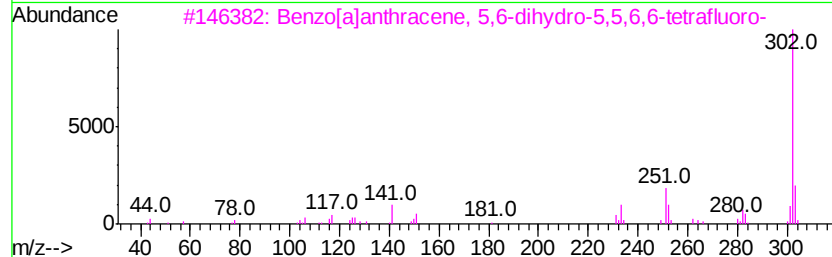
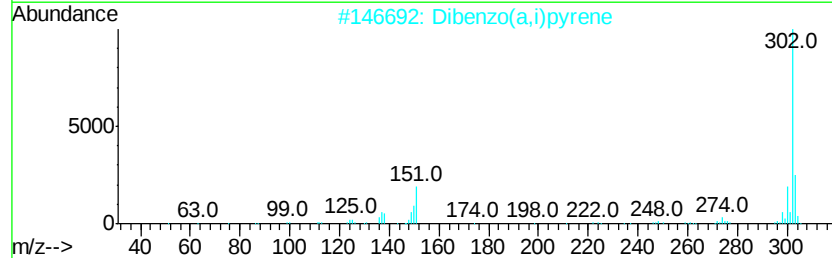
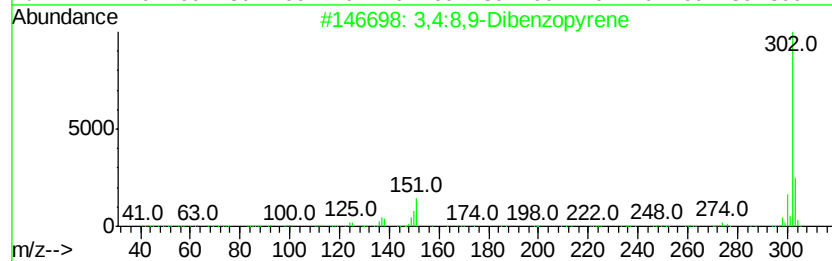
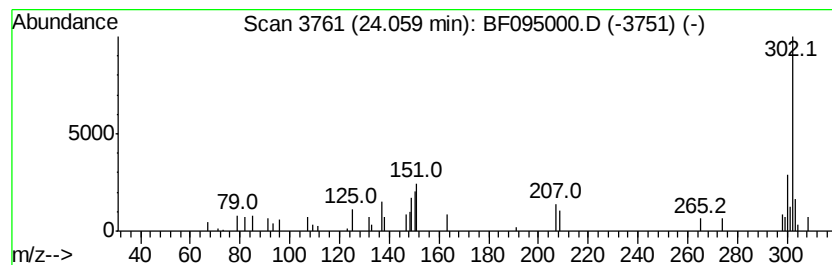
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 3,4:8,9-Dibenzopyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	2.12 ng	60807	Perylene-d12	20.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	53
2		Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	53
3		Benzo[<i>a</i>]anthracene, 5,6-dihydro-...	302	C18H10F4	1000116-65-8	47
4		10,11-Dihydro-10-hydroxy-2,3,6-t...	302	C17H18O5	019172-35-1	47
5		2,4-Diamino-6-[1-naphthyl]oxy]qui...	302	C18H14N4O	038711-05-6	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
 Data File : BF095000.D
 Acq On : 9 May 2017 1:58
 Operator : SJ/MA
 Sample : I2996-01 20X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.39	7.39	7.1 ng		179343	1	7.71	507145	20.0
Phenanthrene, 2-m...	15.74	3.9 ng		124064	4	14.96	634008	20.0
Anthracene, 2-met...	15.78	5.3 ng		168414	4	14.96	634008	20.0
4H-Cyclopenta[def...	15.89	7.5 ng		236918	4	14.96	634008	20.0
Anthracene, 1-met...	15.94	2.9 ng		91617	4	14.96	634008	20.0
Naphthalene, 2-ph...	16.19	2.8 ng		88560	4	14.96	634008	20.0
11H-Benzo[b]fluorene	17.51	2.5 ng		166210	5	18.63	1342500	20.0
Pyrene, 1-methyl-	17.64	2.4 ng		162519	5	18.63	1342500	20.0
Benz[a]anthracene...	19.13	2.1 ng		141016	5	18.63	1342500	20.0
Benzo[a]pyrene, 4...	19.73	2.4 ng		70062	6	20.29	574796	20.0
unknown20.39	20.39	2.5 ng		71221	6	20.29	574796	20.0
1,2:4,5-Dibenzopy...	23.89	2.5 ng		73103	6	20.29	574796	20.0
3,4:8,9-Dibenzopy...	24.06	2.1 ng		60807	6	20.29	574796	20.0