

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060217\
 Data File : BF095646.D
 Acq On : 2 Jun 2017 21:41
 Operator : SJ/MA
 Sample : I3442-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-060117

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	4.781	523	526	540	rBV4	6056	20013	2.83%	0.220%
2	5.481	641	645	669	rBV2	76932	272579	38.48%	3.002%
3	7.122	921	924	936	rBV	77543	226613	31.99%	2.496%
4	7.210	936	939	955	rVB	179165	414698	58.54%	4.568%
5	7.540	991	995	1006	rBV	313931	433043	61.13%	4.770%
6	7.775	1031	1035	1047	rBV	187890	278186	39.27%	3.064%
7	8.469	1149	1153	1183	rBV	55824	172746	24.39%	1.903%
8	9.569	1336	1340	1353	rBV	388320	554818	78.32%	6.111%
9	11.345	1637	1642	1655	rBV	275217	363438	51.31%	4.003%
10	11.880	1728	1733	1737	rVB	6396	8560	1.21%	0.094%
11	12.057	1758	1763	1766	rBV3	10836	16665	2.35%	0.184%
12	12.180	1778	1784	1789	rBV	14914	22838	3.22%	0.252%
13	12.392	1816	1820	1827	rBV2	386899	523193	73.86%	5.763%
14	12.451	1827	1830	1839	rVB	36526	53878	7.61%	0.593%
15	12.763	1879	1883	1888	rBV3	6449	11760	1.66%	0.130%
16	12.951	1909	1915	1920	rVB2	5992	8376	1.18%	0.092%
17	13.239	1958	1964	1970	rBV3	8232	14239	2.01%	0.157%
18	13.298	1970	1974	1980	rBV	25044	38340	5.41%	0.422%
19	13.386	1985	1989	1991	rVV3	4999	7726	1.09%	0.085%
20	13.598	2018	2025	2029	rVB3	7546	15971	2.25%	0.176%
21	13.704	2039	2043	2057	rBV2	81453	130189	18.38%	1.434%
22	14.010	2089	2095	2097	rBV	9209	12490	1.76%	0.138%
23	14.033	2097	2099	2104	rVB2	6975	9151	1.29%	0.101%
24	14.198	2120	2127	2132	rBV4	6651	16852	2.38%	0.186%
25	14.239	2132	2134	2139	rVB2	6585	8010	1.13%	0.088%
26	14.321	2145	2148	2153	rVB2	5416	7519	1.06%	0.083%
27	14.421	2161	2165	2169	rBV4	5684	9987	1.41%	0.110%
28	14.633	2199	2201	2206	rBV	9393	10376	1.46%	0.114%
29	14.745	2214	2220	2224	rBV3	9483	14393	2.03%	0.159%
30	14.798	2224	2229	2232	rVV	352603	439180	62.00%	4.838%
31	14.833	2232	2235	2248	rVB	195293	271918	38.39%	2.995%
32	14.933	2248	2252	2260	rVB	49226	72204	10.19%	0.795%
33	15.239	2301	2304	2308	rBV	10973	15722	2.22%	0.173%
34	15.292	2311	2313	2317	rVV2	5665	7141	1.01%	0.079%

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35	15.333	2317	2320	2324	rVB2	14381	18450	2.60%	0.203%
36	15.415	2328	2334	2337	rVB4	8427	12720	1.80%	0.140%
37	15.468	2339	2343	2348	rVB2	7049	12950	1.83%	0.143%
38	15.592	2358	2364	2368	rBV	64899	66752	9.42%	0.735%
39	15.633	2368	2371	2379	rVB	65263	79316	11.20%	0.874%
40	15.710	2381	2384	2386	rVV	16598	18825	2.66%	0.207%
41	15.745	2386	2390	2394	rVV3	75820	107799	15.22%	1.187%
42	15.786	2394	2397	2404	rVB	50385	68715	9.70%	0.757%
43	15.951	2421	2425	2427	rBV2	8715	10623	1.50%	0.117%
44	16.015	2432	2436	2437	rBV4	9796	13732	1.94%	0.151%
45	16.039	2437	2440	2443	rVV	17054	17710	2.50%	0.195%
46	16.115	2450	2453	2455	rBV3	8950	10060	1.42%	0.111%
47	16.251	2472	2476	2480	rBV2	14584	16374	2.31%	0.180%
48	16.298	2480	2484	2487	rBV	24255	27468	3.88%	0.303%
49	16.333	2487	2490	2493	rVB	13683	13484	1.90%	0.149%
50	16.398	2496	2501	2504	rBV	61769	77917	11.00%	0.858%
51	16.439	2504	2508	2512	rVB3	26145	37576	5.30%	0.414%
52	16.474	2512	2514	2517	rVB2	18226	15083	2.13%	0.166%
53	16.515	2517	2521	2522	rBV4	24728	32014	4.52%	0.353%
54	16.562	2527	2529	2531	rBV2	15147	13429	1.90%	0.148%
55	16.598	2531	2535	2541	rVV	334485	372159	52.54%	4.099%
56	16.639	2541	2542	2547	rVB3	12370	10732	1.52%	0.118%
57	16.698	2547	2552	2555	rBV5	21543	28910	4.08%	0.318%
58	16.739	2556	2559	2565	rVB3	13689	20902	2.95%	0.230%
59	16.798	2565	2569	2573	rBV	16060	18527	2.62%	0.204%
60	16.851	2573	2578	2581	rBV6	11132	24057	3.40%	0.265%
61	16.898	2582	2586	2592	rVV	384232	452238	63.84%	4.981%
62	16.951	2592	2595	2597	rVV3	7153	9330	1.32%	0.103%
63	16.974	2597	2599	2602	rVV2	12966	13791	1.95%	0.152%
64	17.021	2604	2607	2612	rVB2	22423	28413	4.01%	0.313%
65	17.068	2612	2615	2617	rBV2	15224	17876	2.52%	0.197%
66	17.098	2617	2620	2623	rBV	18752	19024	2.69%	0.210%
67	17.145	2623	2628	2636	rVB	262662	327128	46.18%	3.603%
68	17.221	2636	2641	2649	rBV4	33153	81154	11.46%	0.894%
69	17.345	2656	2662	2663	rBV4	33557	56942	8.04%	0.627%
70	17.368	2663	2666	2671	rVB	75346	96262	13.59%	1.060%
71	17.421	2672	2675	2676	rBV3	11725	10177	1.44%	0.112%

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72	17.457	2677	2681	2685	rVB	64809	71828	10.14%	0.791%
73	17.504	2685	2689	2694	rBV3	61706	108953	15.38%	1.200%
74	17.621	2705	2709	2713	rVB	39730	44648	6.30%	0.492%
75	17.662	2713	2716	2721	rBV	28247	34958	4.94%	0.385%
76	17.704	2721	2723	2727	rBV4	7206	7902	1.12%	0.087%
77	17.798	2736	2739	2744	rBV7	13079	20786	2.93%	0.229%
78	17.868	2748	2751	2753	rBV3	14176	18840	2.66%	0.208%
79	17.986	2768	2771	2773	rBV3	21278	24026	3.39%	0.265%
80	18.009	2773	2775	2777	rBV3	12698	13591	1.92%	0.150%
81	18.121	2791	2794	2797	rBV	37038	45035	6.36%	0.496%
82	18.174	2800	2803	2805	rVV2	32802	47363	6.69%	0.522%
83	18.204	2805	2808	2811	rVV	45072	48848	6.90%	0.538%
84	18.239	2811	2814	2816	rVV	22616	25209	3.56%	0.278%
85	18.274	2818	2820	2825	rVV5	21588	24409	3.45%	0.269%
86	18.345	2829	2832	2837	rVB4	24896	28262	3.99%	0.311%
87	18.398	2837	2841	2845	rBV5	39258	65832	9.29%	0.725%
88	18.492	2852	2857	2861	rBV2	514542	708360	100.00%	7.803%
89	18.533	2861	2864	2871	rVB2	136970	214044	30.22%	2.358%
90	18.627	2876	2880	2883	rVV2	38146	47262	6.67%	0.521%
91	18.786	2905	2907	2908	rBV2	18619	15572	2.20%	0.172%
92	19.003	2942	2944	2948	rVB	44616	40515	5.72%	0.446%
93	19.045	2949	2951	2955	rVB2	31247	31345	4.43%	0.345%
94	19.768	3071	3074	3077	rBV	113256	153403	21.66%	1.690%
95	20.062	3121	3124	3127	rVB	70385	72777	10.27%	0.802%
96	20.121	3131	3134	3138	rBV	96214	97222	13.72%	1.071%
97	20.168	3139	3142	3147	rBV	263963	326203	46.05%	3.593%

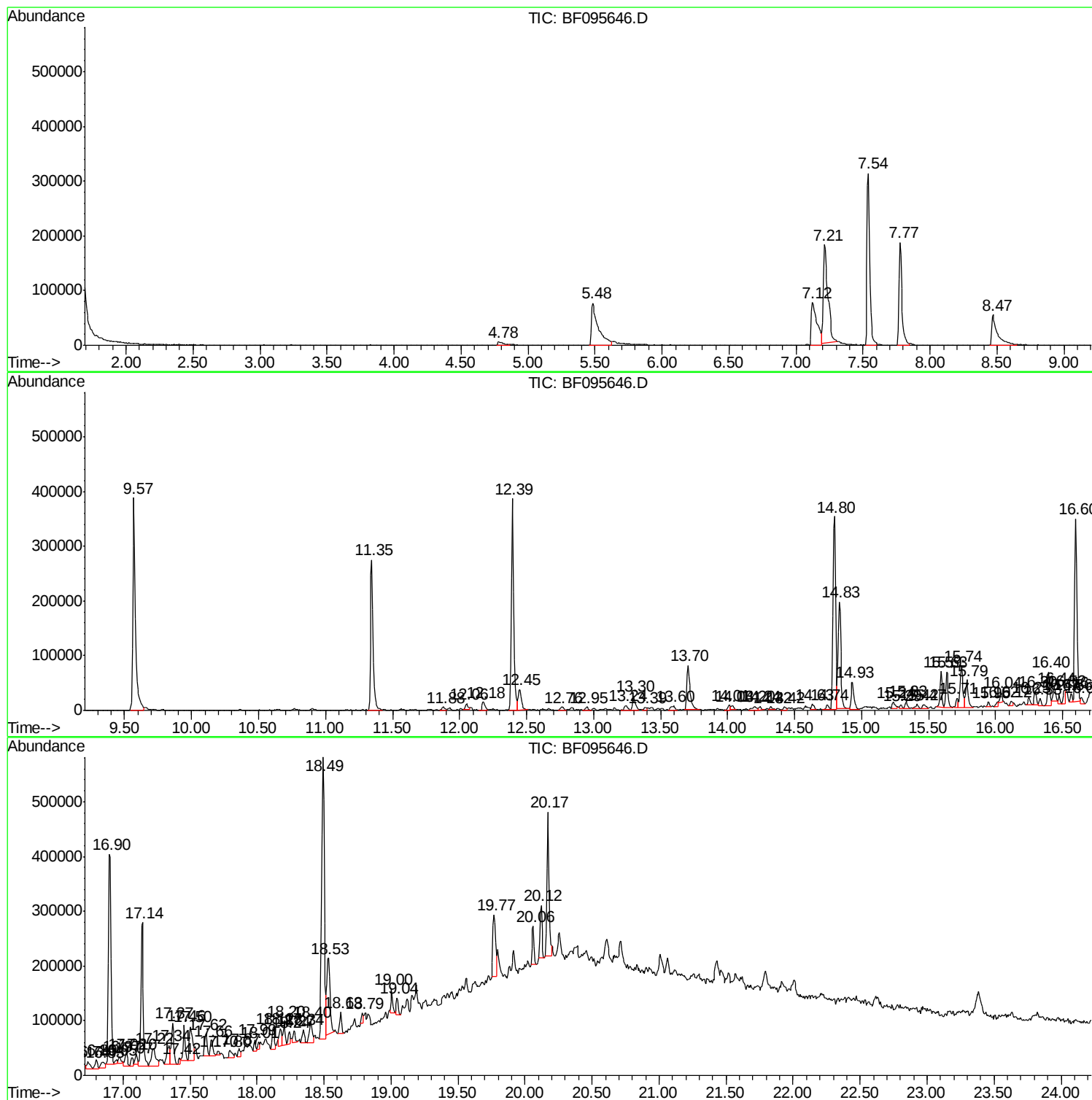
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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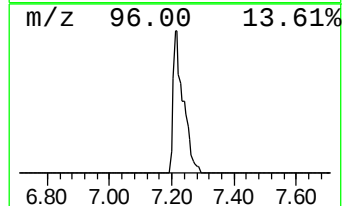
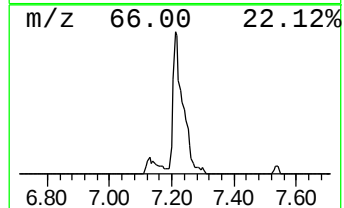
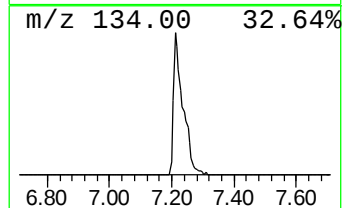
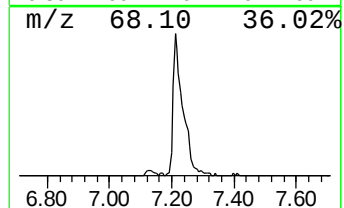
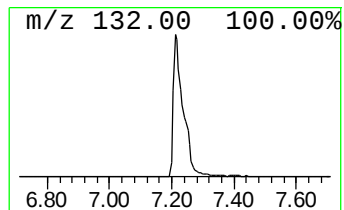
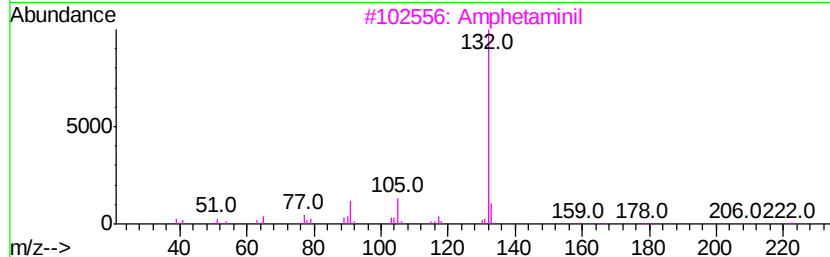
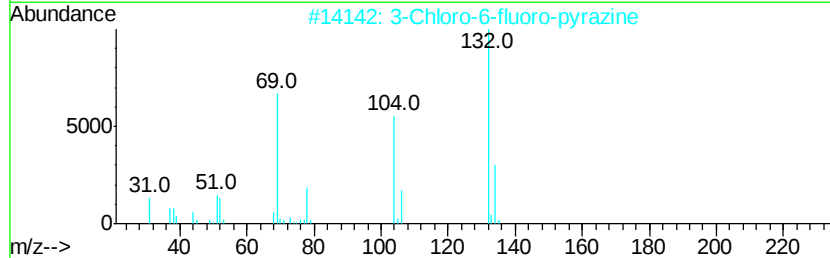
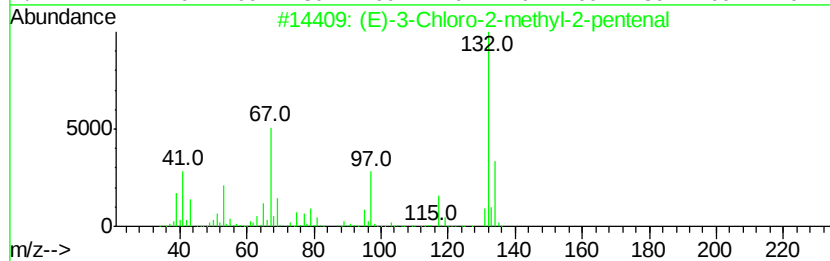
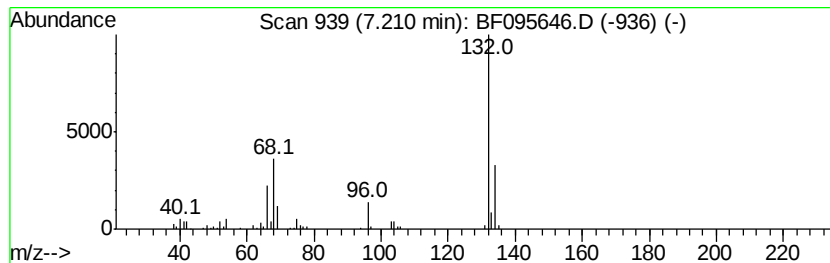
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.21 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	19.15 ng	414698	1,4-Dichlorobenzene-d4	7.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
5		5-Aminoindole	132	C8H8N2	005192-03-0	10



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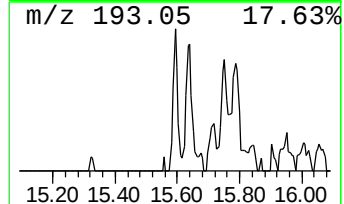
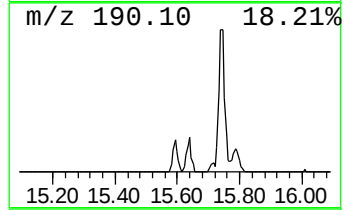
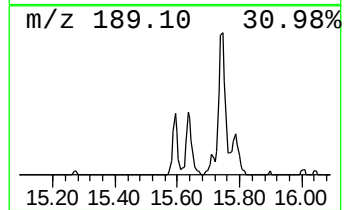
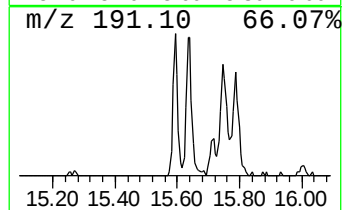
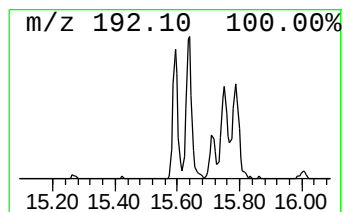
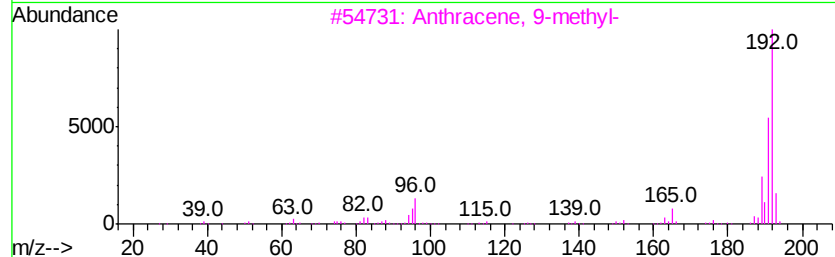
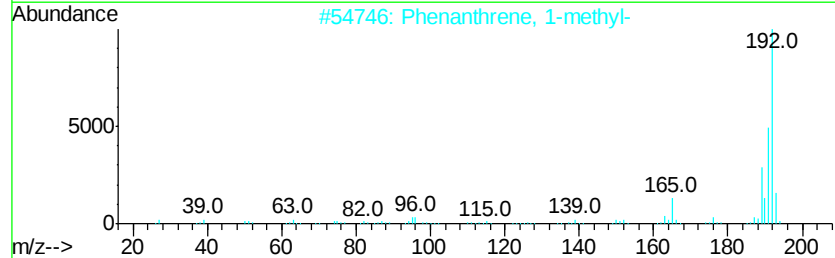
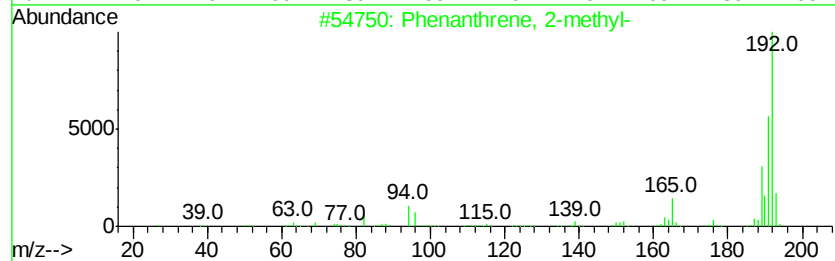
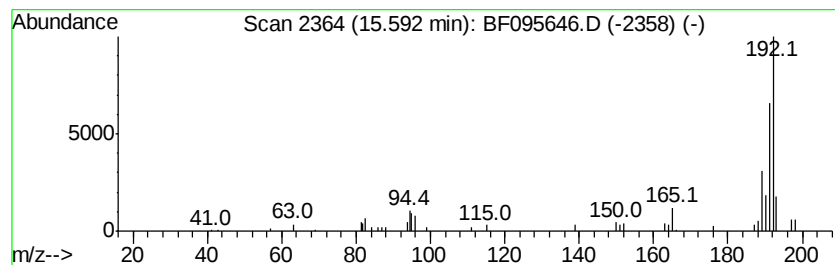
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	3.04 ng	66752	Phenanthrene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	76



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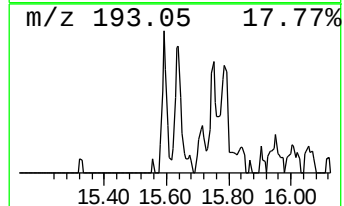
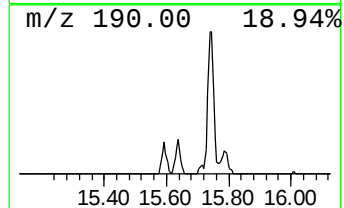
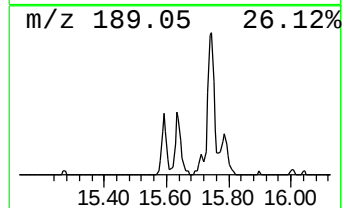
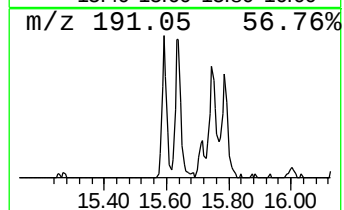
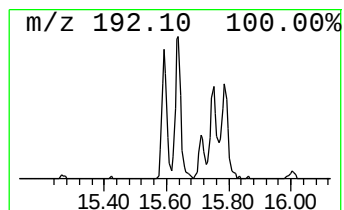
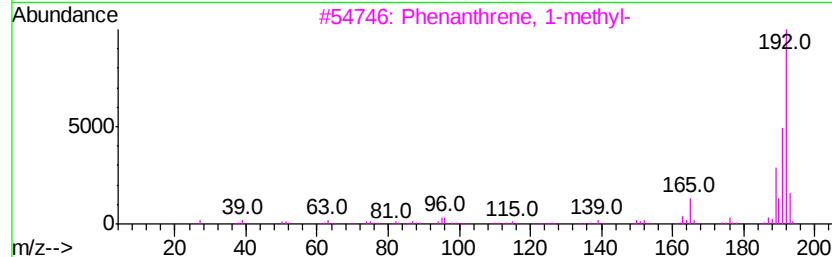
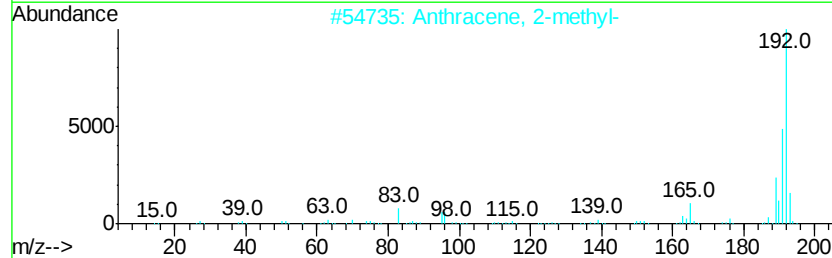
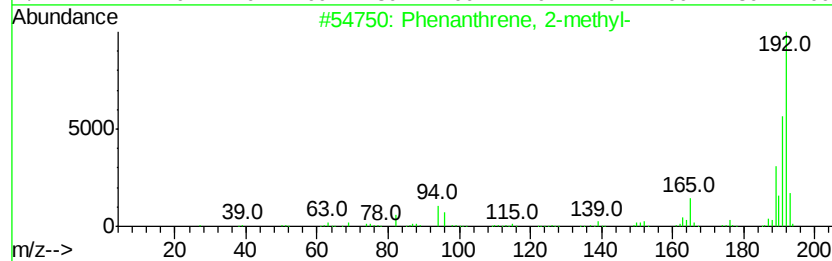
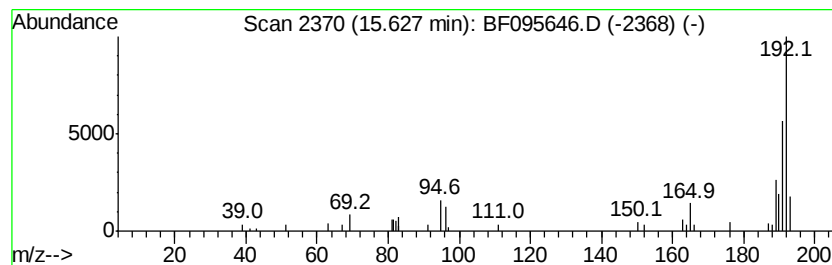
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Peak Number 5 Anthracene, 2-methyl- Concentration Rank 5

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15.63	3.61 ng	79316	Phenanthrene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	96
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	94



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Acq On : 2 Jun 2017 21:41
Operator : SJ/MA
Sample : I3442-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-060117

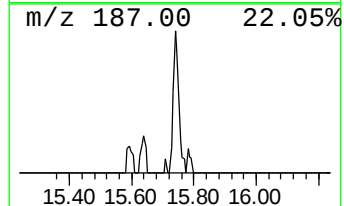
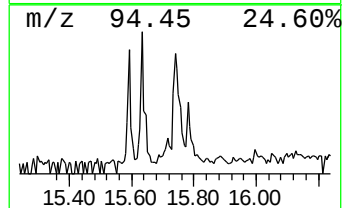
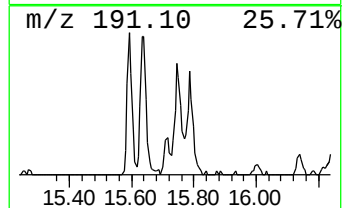
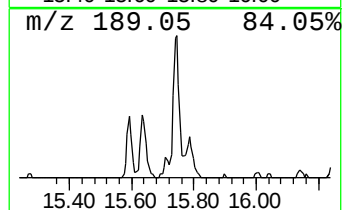
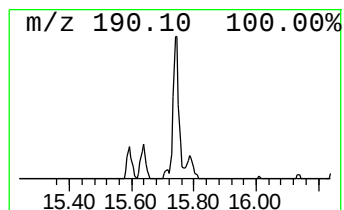
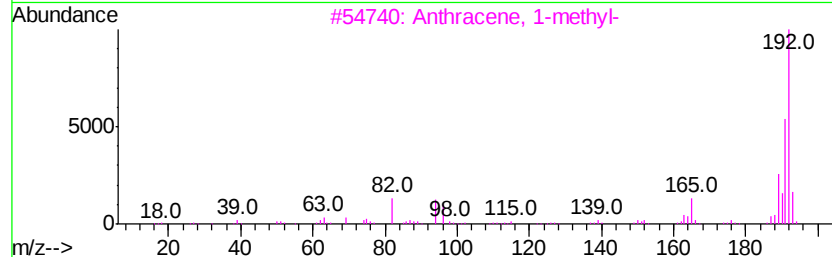
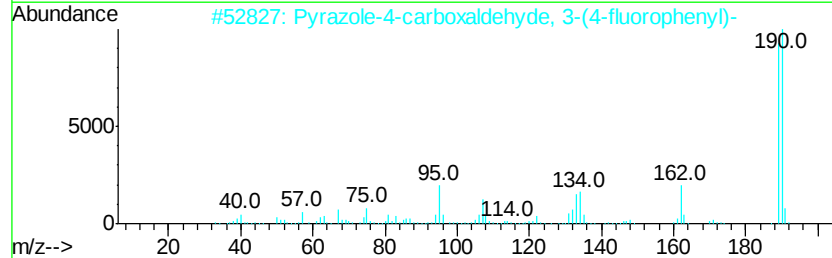
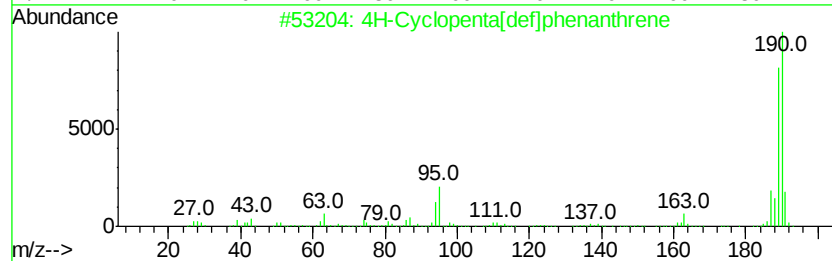
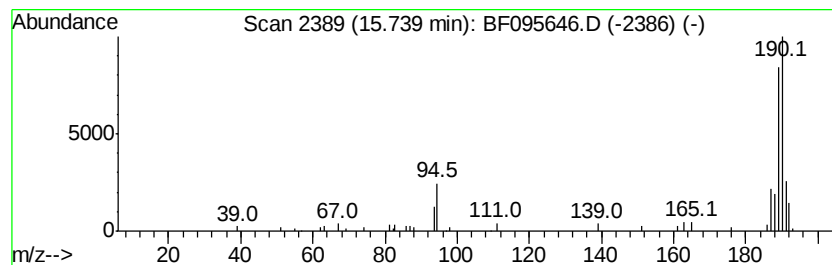
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	4.91 ng	107799	Phenanthrene-d10	14.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	49
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	35
4		Benzene, 1,1'-(1,2-propadienyld...	192	C15H12	014251-57-1	30
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25



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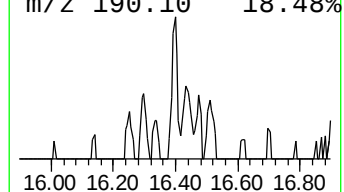
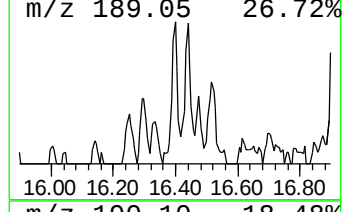
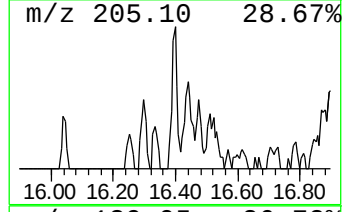
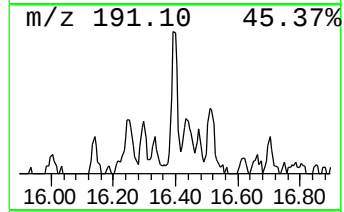
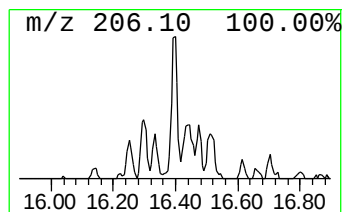
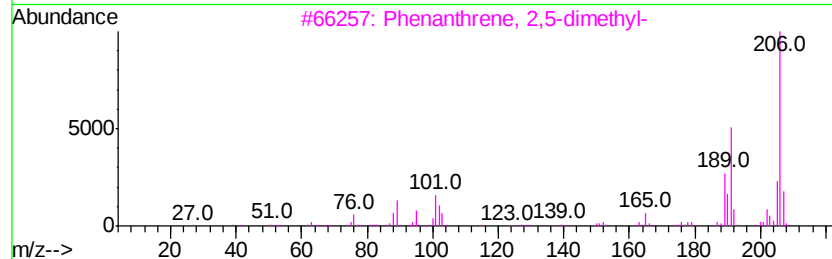
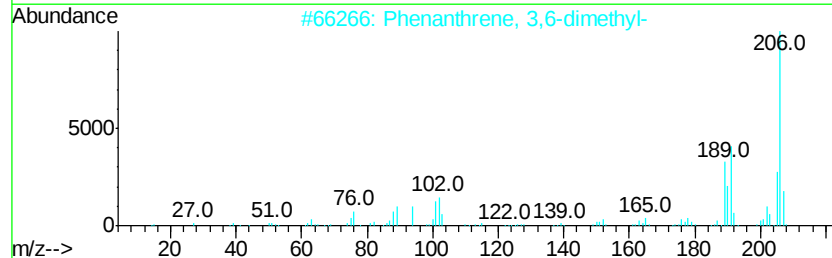
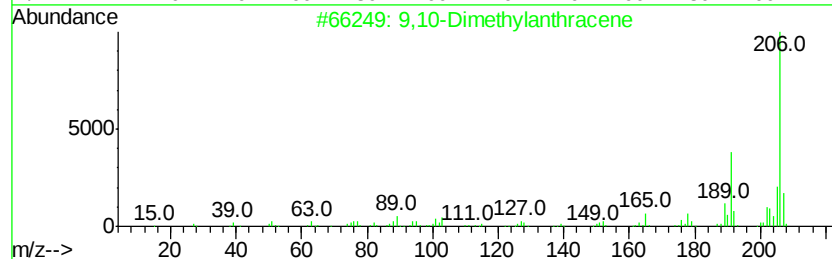
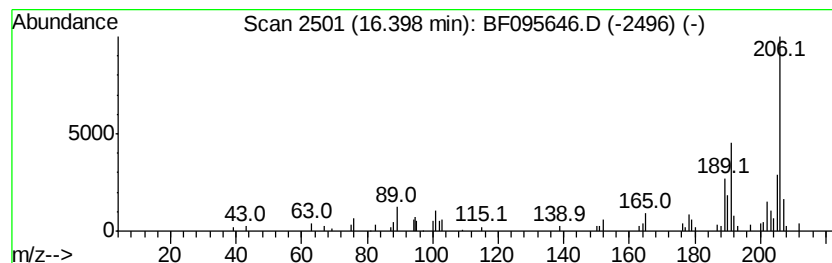
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,10-Dimethylantracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	3.55 ng	77917	Phenanthrene-d10	14.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene			206	C16H14	000781-43-1	94
2	Phenanthrene, 3,6-dimethyl-			206	C16H14	001576-67-6	93
3	Phenanthrene, 2,5-dimethyl-			206	C16H14	003674-66-6	93
4	Anthracene, 1,4-dimethyl-			206	C16H14	000781-92-0	92
5	di-p-Tolylacetylene			206	C16H14	002789-88-0	91



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ALS Vial : 16 Sample Multiplier: 1

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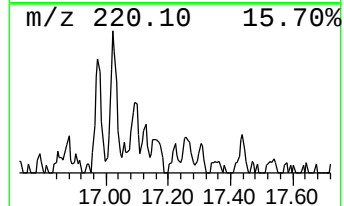
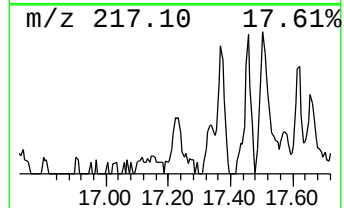
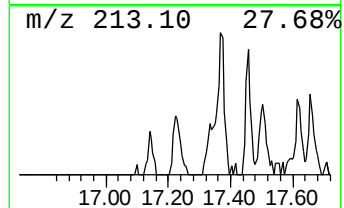
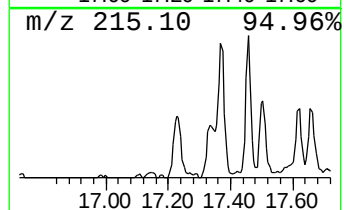
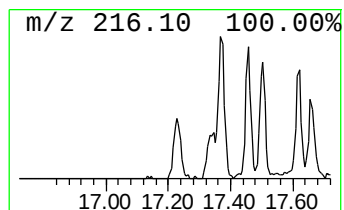
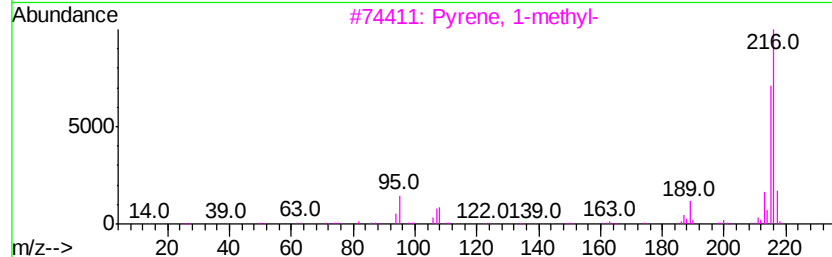
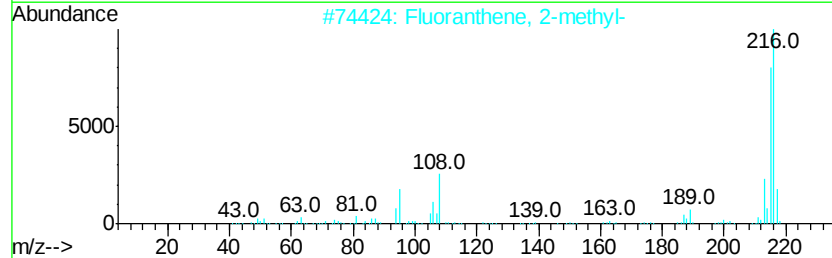
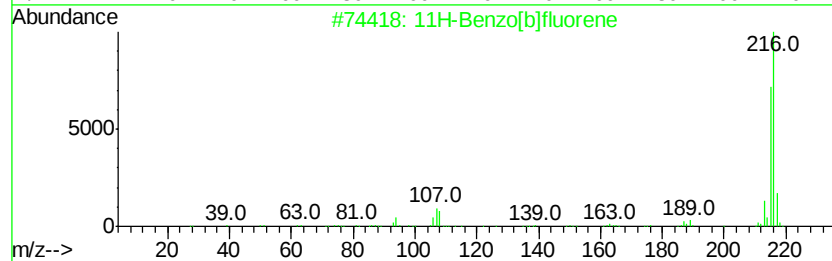
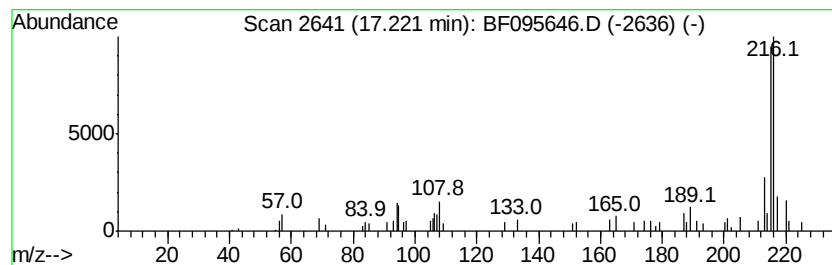
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	2.29 ng	81154	Chrysene-d12	18.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	64



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Misc :
ALS Vial : 16 Sample Multiplier: 1

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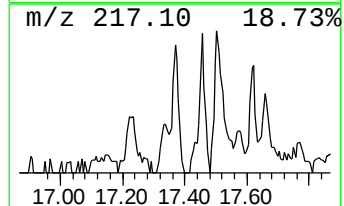
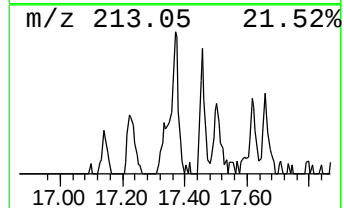
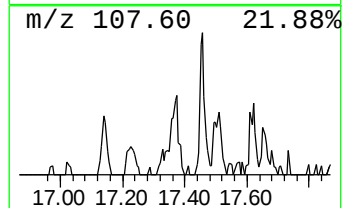
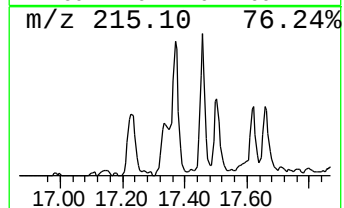
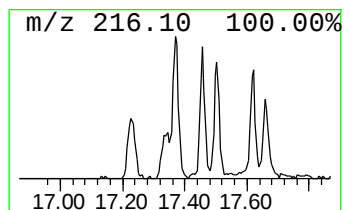
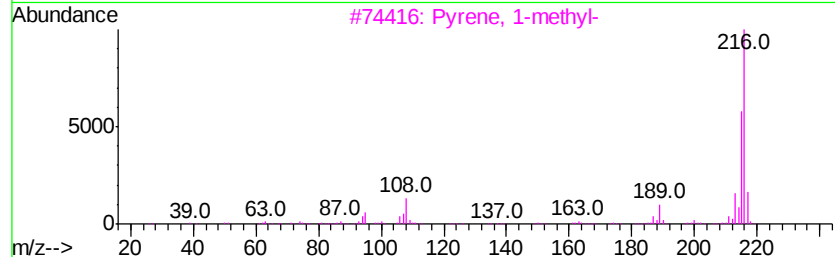
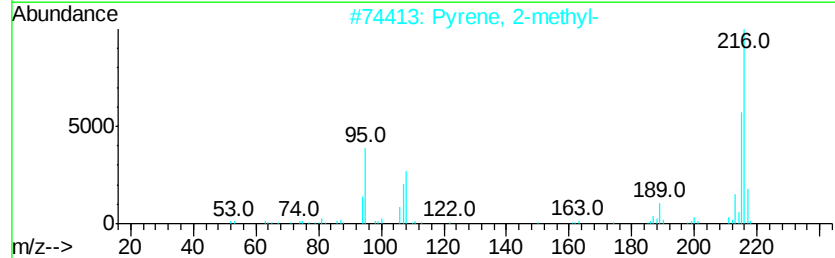
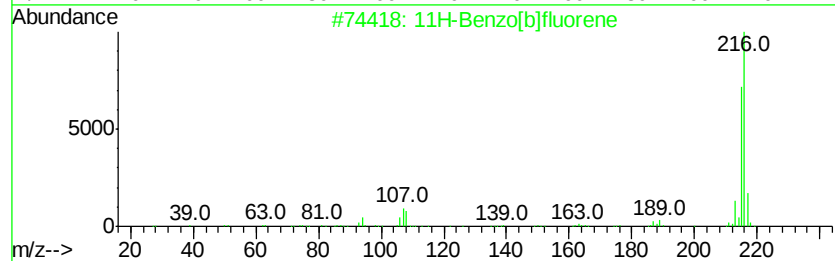
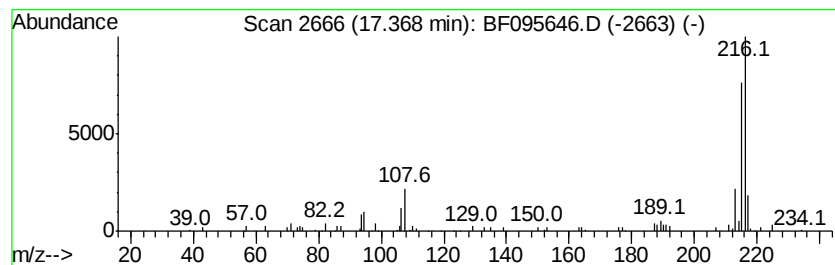
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pyrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	2.72 ng	96262	Chrysene-d12	18.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64



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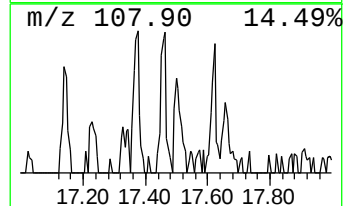
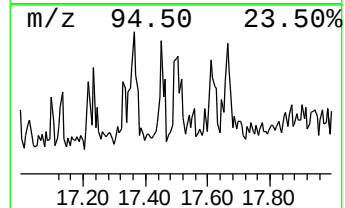
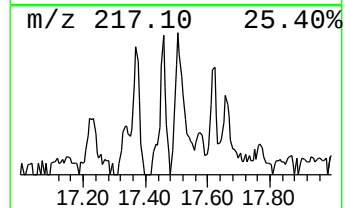
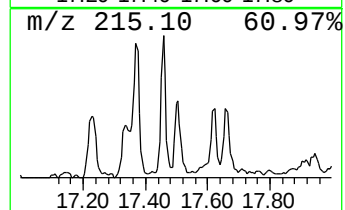
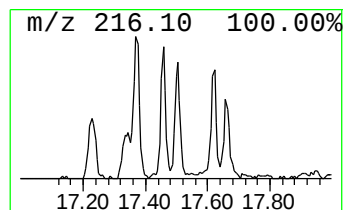
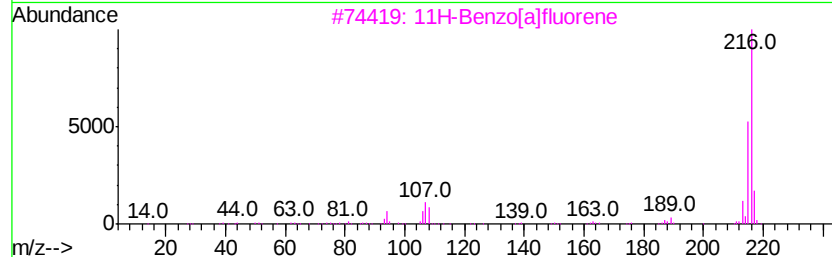
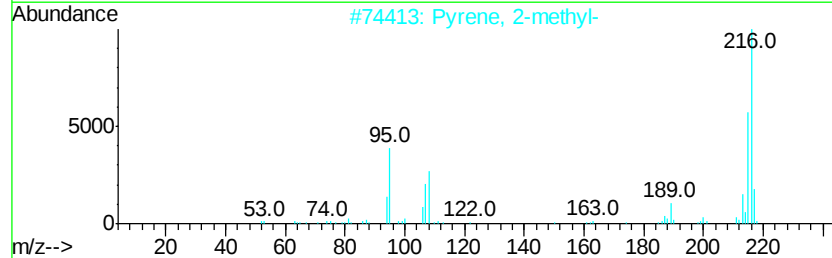
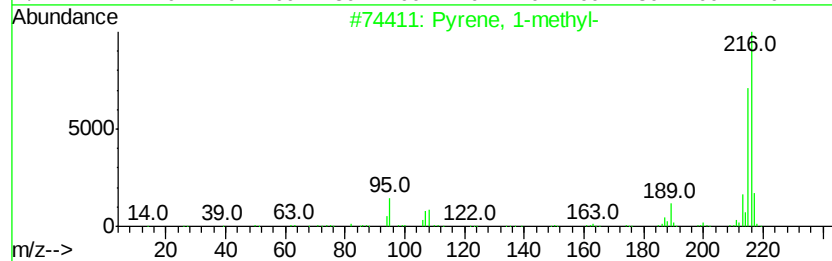
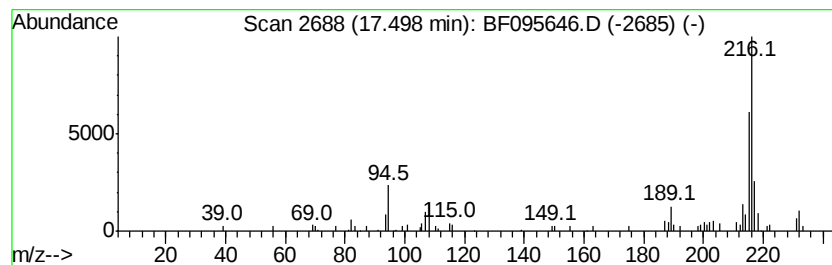
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	3.08 ng	108953	Chrysene-d12	18.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
2			Pyrene, 2-methyl-	216	C17H12	003442-78-2	68
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68
4			Pyrene, 4-methyl-	216	C17H12	003353-12-6	60
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	58



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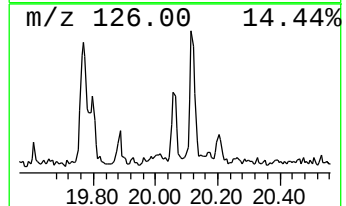
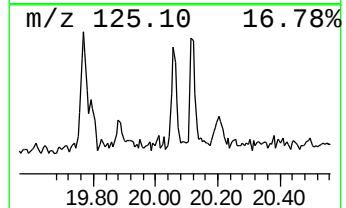
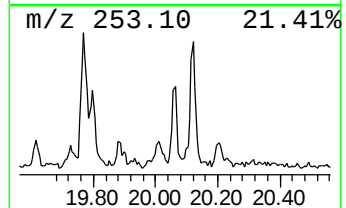
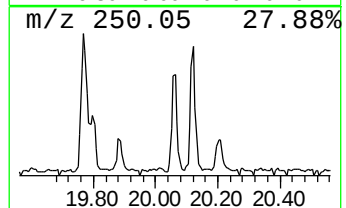
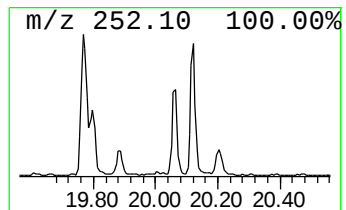
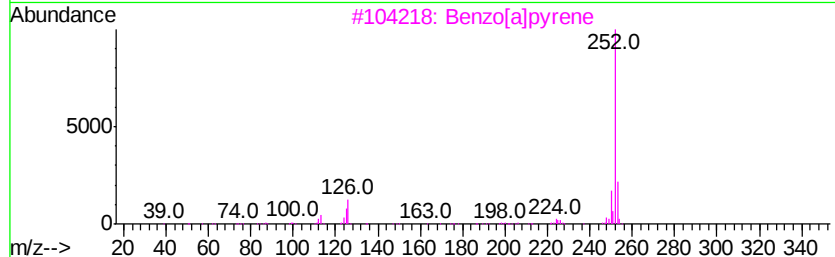
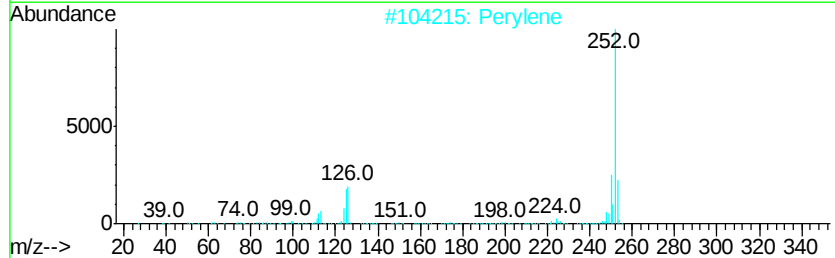
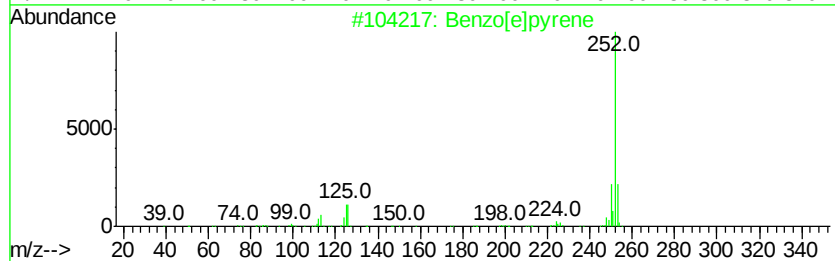
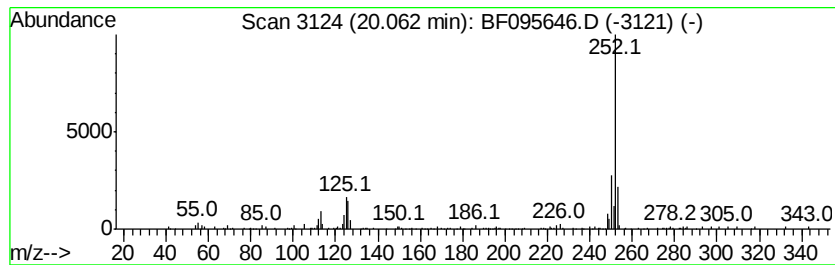
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.06	4.46 ng	72777	Perylene-d12	20.17	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2	Perylene	252	C20H12	000198-55-0	91
3	Benzo[a]pyrene	252	C20H12	000050-32-8	87
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	83
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Anthracene, 2-met...	15.63	3.6	ng	79316	4	14.80	439180	20.0
4H-Cyclopenta[def...	15.74	4.9	ng	107799	4	14.80	439180	20.0
9,10-Dimethylanthe...	16.40	3.5	ng	77917	4	14.80	439180	20.0
11H-Benzo[b]fluorene	17.22	2.3	ng	81154	5	18.50	708360	20.0
Pyrene, 2-methyl-	17.37	2.7	ng	96262	5	18.50	708360	20.0
Pyrene, 1-methyl-	17.50	3.1	ng	108953	5	18.50	708360	20.0
Benzo[e]pyrene	20.06	4.5	ng	72777	6	20.17	326203	20.0