

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
 Data File : BF094817.D
 Acq On : 3 May 2017 3:51
 Operator : SJ/MA
 Sample : I2920-11 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 144-159-284-331

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	5.013	519	523	535	rBV	83352	141219	8.74%	0.557%
2	5.672	631	635	653	rBV	662164	1028393	63.64%	4.058%
3	6.154	714	717	724	rBV	41234	64650	4.00%	0.255%
4	7.260	901	905	922	rBV	703391	1029364	63.70%	4.062%
5	7.384	922	926	935	rVB	872319	1122741	69.47%	4.430%
6	7.725	980	984	993	rBV	487339	546475	33.82%	2.156%
7	7.960	1020	1024	1034	rBV	750393	886678	54.87%	3.499%
8	8.619	1131	1136	1148	rBV	469117	584531	36.17%	2.306%
9	9.748	1323	1328	1338	rBV	628263	734835	45.47%	2.899%
10	11.519	1624	1629	1640	rBV	1049535	1230198	76.12%	4.854%
11	12.213	1743	1747	1754	rBV	82526	104239	6.45%	0.411%
12	12.348	1766	1770	1776	rBV	16309	25498	1.58%	0.101%
13	12.577	1804	1809	1816	rBV2	594313	769784	47.63%	3.037%
14	13.424	1947	1953	1957	rBV3	34620	43840	2.71%	0.173%
15	13.471	1957	1961	1968	rVB2	22750	35380	2.19%	0.140%
16	13.871	2024	2029	2041	rBV	422608	576067	35.65%	2.273%
17	14.201	2080	2085	2086	rBV2	26745	31875	1.97%	0.126%
18	14.224	2087	2089	2092	rVB2	18177	17715	1.10%	0.070%
19	14.377	2108	2115	2118	rBV4	13220	28415	1.76%	0.112%
20	14.418	2118	2122	2127	rVB3	12396	20119	1.24%	0.079%
21	14.507	2133	2137	2142	rVB8	12652	23598	1.46%	0.093%
22	14.601	2149	2153	2161	rBV7	12479	26265	1.63%	0.104%
23	14.930	2206	2209	2212	rVB	22121	20236	1.25%	0.080%
24	14.977	2212	2217	2220	rBV	514328	594192	36.77%	2.345%
25	15.013	2220	2223	2230	rVB	230643	256286	15.86%	1.011%
26	15.095	2233	2237	2245	rVB	101875	121665	7.53%	0.480%
27	15.195	2249	2254	2258	rBV5	15655	25935	1.60%	0.102%
28	15.389	2279	2287	2289	rBV7	11186	19842	1.23%	0.078%
29	15.465	2297	2300	2302	rBV	19897	21078	1.30%	0.083%
30	15.495	2302	2305	2309	rVV2	15820	19550	1.21%	0.077%
31	15.589	2318	2321	2324	rBV2	18749	16425	1.02%	0.065%
32	15.760	2346	2350	2353	rBV	81696	85880	5.31%	0.339%
33	15.795	2353	2356	2365	rBV	104949	131720	8.15%	0.520%
34	15.865	2365	2368	2371	rVV	52832	57850	3.58%	0.228%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.907	2371	2375	2379	rVV2	179751	236121	14.61%	0.932%
36	15.948	2379	2382	2389	rVB	105764	132846	8.22%	0.524%
37	16.107	2405	2409	2411	rVB3	19717	21206	1.31%	0.084%
38	16.201	2420	2425	2428	rBV2	67781	87196	5.40%	0.344%
39	16.236	2428	2431	2435	rVB4	38217	46308	2.87%	0.183%
40	16.301	2439	2442	2446	rBV2	13597	17082	1.06%	0.067%
41	16.407	2457	2460	2464	rBV2	23851	35848	2.22%	0.141%
42	16.454	2465	2468	2471	rVB2	32596	33228	2.06%	0.131%
43	16.489	2471	2474	2479	rVB	27704	36584	2.26%	0.144%
44	16.554	2479	2485	2488	rBV	109538	151762	9.39%	0.599%
45	16.595	2488	2492	2496	rVV2	71084	98698	6.11%	0.389%
46	16.630	2496	2498	2500	rVV2	24310	20155	1.25%	0.080%
47	16.659	2500	2503	2512	rVB2	78757	155430	9.62%	0.613%
48	16.759	2512	2520	2524	rBV	1206435	1351844	83.65%	5.334%
49	16.801	2524	2527	2532	rVB2	41504	56563	3.50%	0.223%
50	16.854	2532	2536	2539	rBV2	59379	75850	4.69%	0.299%
51	16.883	2539	2541	2549	rVB5	27609	49303	3.05%	0.195%
52	16.954	2549	2553	2557	rBV2	64756	87500	5.41%	0.345%
53	17.059	2565	2571	2575	rBV	1442911	1616058	100.00%	6.377%
54	17.101	2575	2578	2580	rVB2	23925	22774	1.41%	0.090%
55	17.142	2580	2585	2588	rBV2	47014	59048	3.65%	0.233%
56	17.177	2588	2591	2595	rVB	39273	44499	2.75%	0.176%
57	17.242	2598	2602	2605	rBV	64304	73176	4.53%	0.289%
58	17.301	2605	2612	2617	rVB	913908	1040988	64.42%	4.107%
59	17.348	2618	2620	2621	rBV	26570	18686	1.16%	0.074%
60	17.377	2621	2625	2630	rVB2	90266	130965	8.10%	0.517%
61	17.489	2639	2644	2646	rBV4	96105	172233	10.66%	0.680%
62	17.518	2646	2649	2655	rVB	226121	261321	16.17%	1.031%
63	17.571	2655	2658	2660	rBV4	20422	27909	1.73%	0.110%
64	17.606	2660	2664	2667	rVB	172981	187771	11.62%	0.741%
65	17.648	2667	2671	2678	rBV2	176461	261416	16.18%	1.031%
66	17.730	2682	2685	2688	rVV4	22011	24255	1.50%	0.096%
67	17.765	2688	2691	2694	rVB	118003	112730	6.98%	0.445%
68	17.806	2694	2698	2704	rBV	90784	101880	6.30%	0.402%
69	17.977	2726	2727	2731	rBV4	14827	16792	1.04%	0.066%
70	18.159	2755	2758	2760	rBV3	36911	45459	2.81%	0.179%
71	18.189	2760	2763	2766	rVB	64026	73508	4.55%	0.290%

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72	18.265	2774	2776	2779	rVB2	26541	21589	1.34%	0.085%
73	18.318	2781	2785	2788	rBV2	121657	168731	10.44%	0.666%
74	18.353	2788	2791	2793	rVV	127664	135671	8.40%	0.535%
75	18.377	2793	2795	2798	rVV	115480	122830	7.60%	0.485%
76	18.412	2798	2801	2806	rVB2	75826	107117	6.63%	0.423%
77	18.459	2806	2809	2812	rBV	100000	102130	6.32%	0.403%
78	18.536	2820	2822	2825	rBV	25514	25006	1.55%	0.099%
79	18.636	2834	2839	2843	rBV2	882772	1453829	89.96%	5.736%
80	18.677	2843	2846	2849	rVB	712053	745208	46.11%	2.940%
81	18.712	2849	2852	2856	rVB4	61177	78314	4.85%	0.309%
82	18.771	2858	2862	2865	rBV2	169796	190940	11.82%	0.753%
83	18.912	2883	2886	2889	rVB	81199	80888	5.01%	0.319%
84	18.953	2891	2893	2899	rVB5	54818	80292	4.97%	0.317%
85	19.100	2915	2918	2920	rBV3	68552	88521	5.48%	0.349%
86	19.142	2920	2925	2929	rVV	164035	238625	14.77%	0.942%
87	19.183	2930	2932	2938	rVB	83842	87841	5.44%	0.347%
88	19.259	2942	2945	2948	rVB	107347	105830	6.55%	0.418%
89	19.295	2948	2951	2953	rBV4	78802	104484	6.47%	0.412%
90	19.742	3024	3027	3031	rVB3	67076	86008	5.32%	0.339%
91	19.906	3050	3055	3058	rBV	731136	1090329	67.47%	4.302%
92	20.012	3070	3073	3077	rVB	161719	158892	9.83%	0.627%
93	20.195	3101	3104	3108	rBV	405531	467278	28.91%	1.844%
94	20.253	3110	3114	3120	rBV	655158	784034	48.52%	3.094%
95	20.312	3120	3124	3126	rBV	435405	464714	28.76%	1.834%
96	20.336	3126	3128	3132	rVB	139811	144378	8.93%	0.570%
97	21.600	3338	3343	3351	rVB2	263385	463808	28.70%	1.830%
98	21.753	3366	3369	3371	rBV	42806	47432	2.94%	0.187%
99	21.977	3402	3407	3412	rBV	163670	271446	16.80%	1.071%

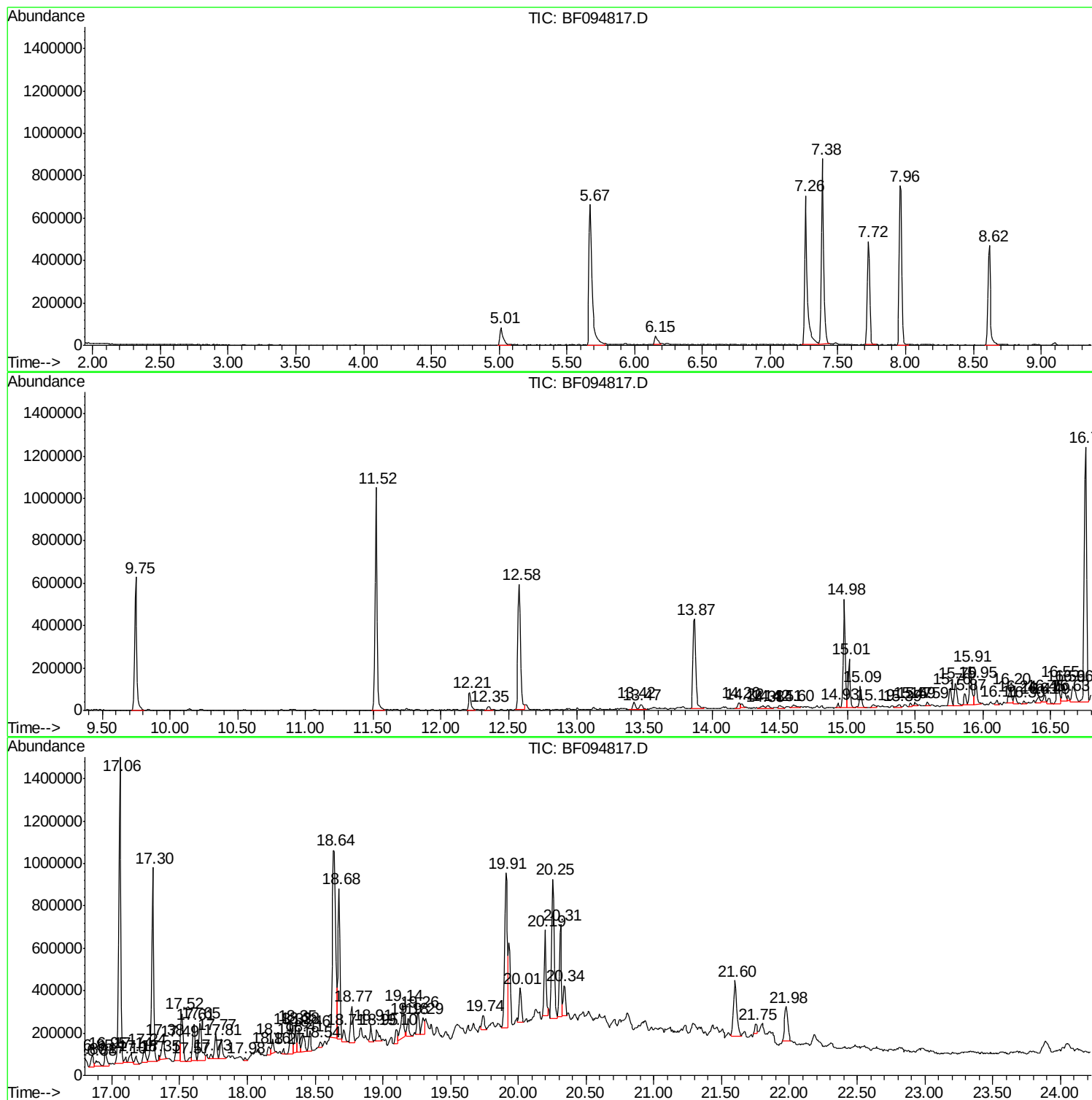
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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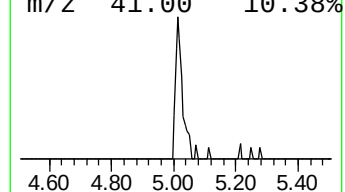
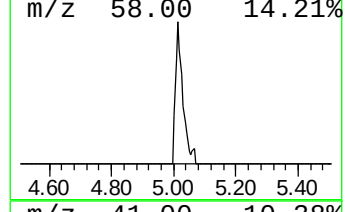
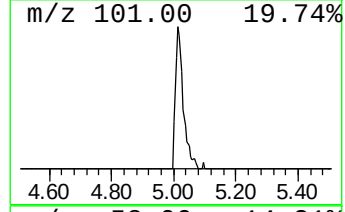
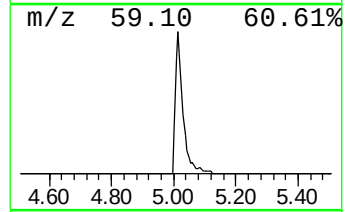
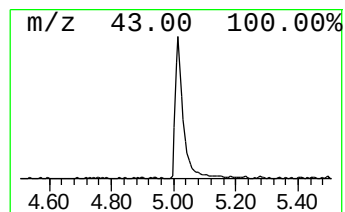
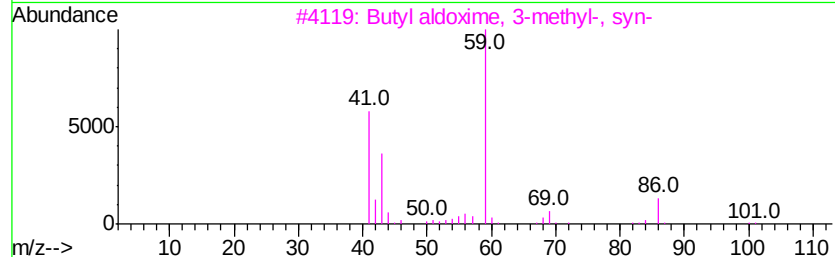
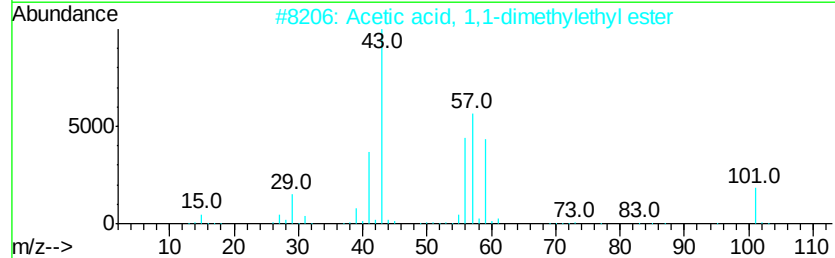
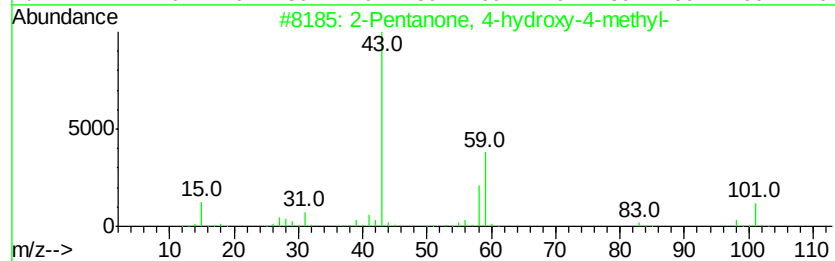
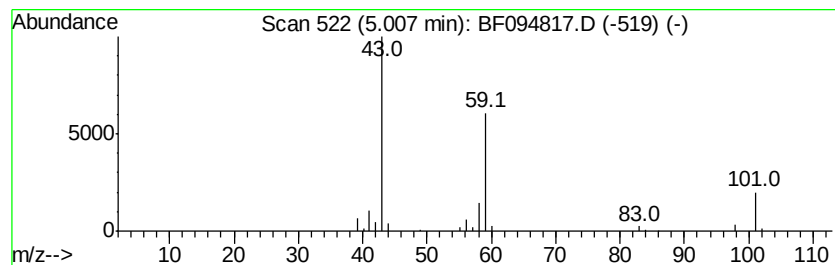
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	5.17 ng	141219	1,4-Dichlorobenzene-d4	7.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40	
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39	
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	35	
4	3-Hexanol	102	C6H14O	000623-37-0	28	
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25	



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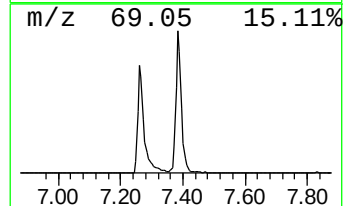
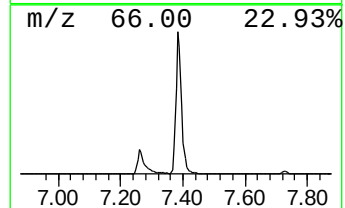
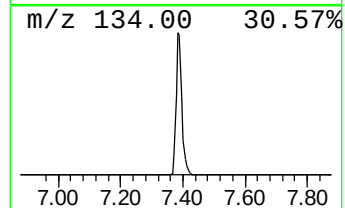
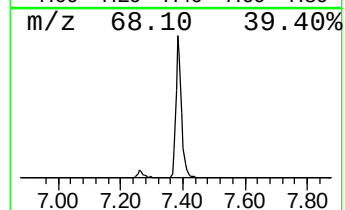
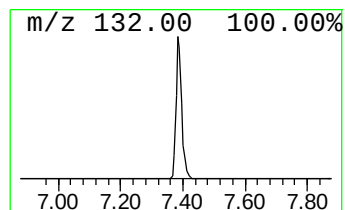
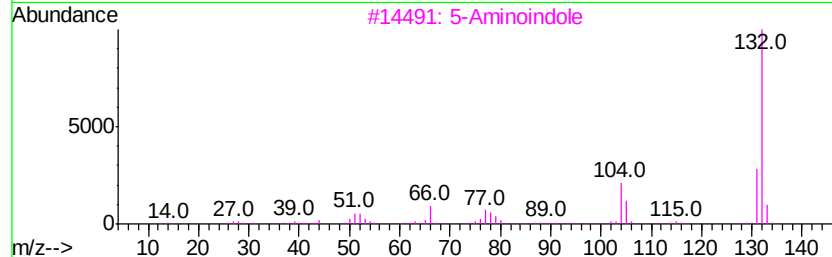
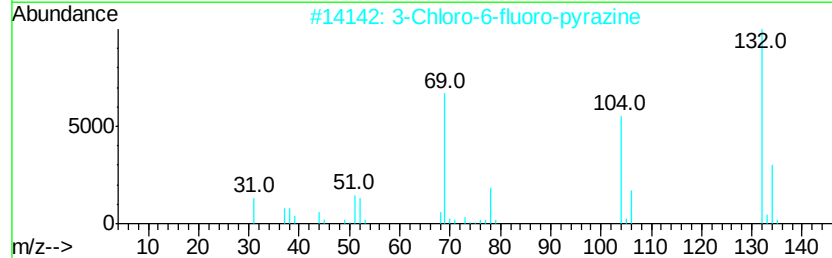
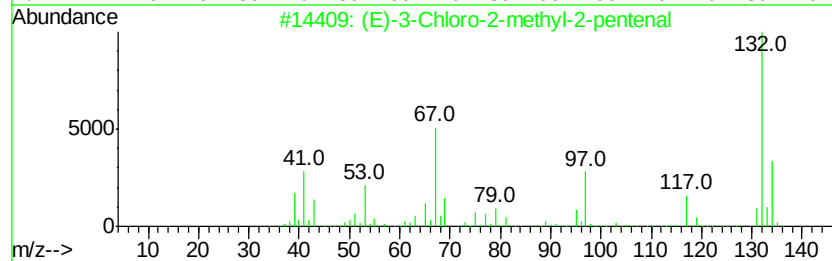
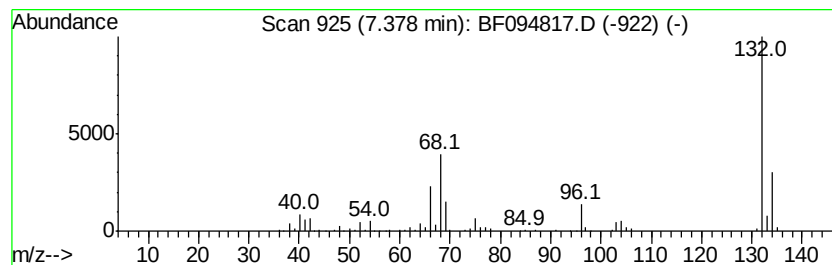
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	41.09 ng	1122740	1,4-Dichlorobenzene-d4	7.72

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		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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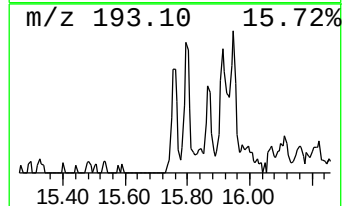
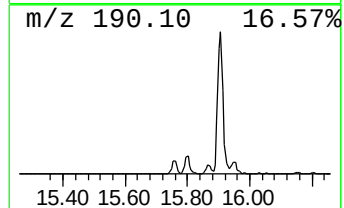
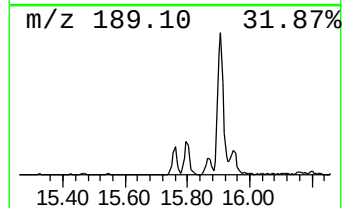
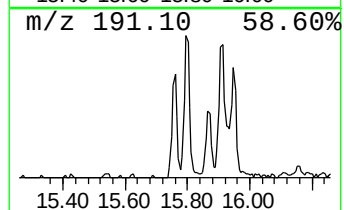
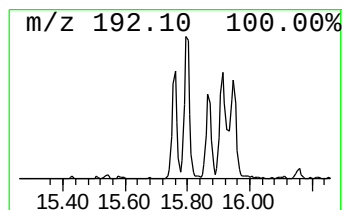
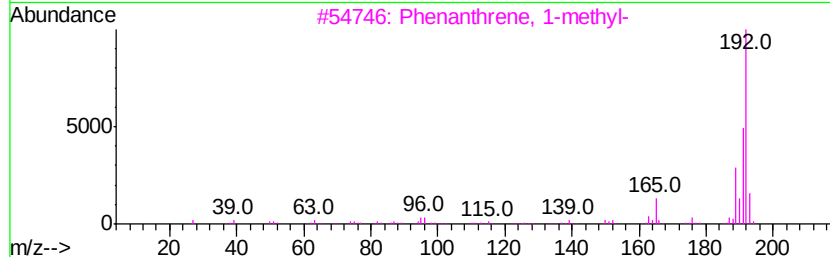
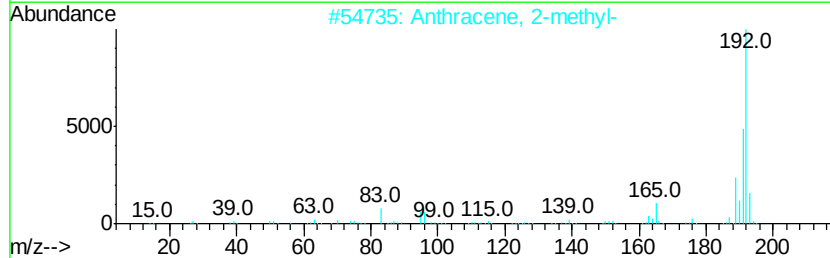
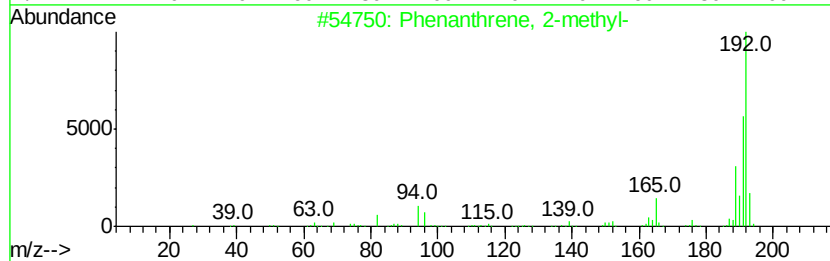
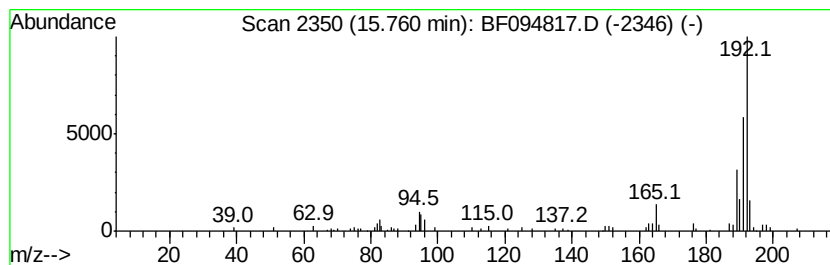
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.76	2.89 ng	85880	Phenanthrene-d10	14.98	
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	96
4	1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94



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Operator : SJ/MA
Sample : I2920-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

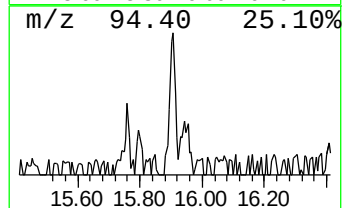
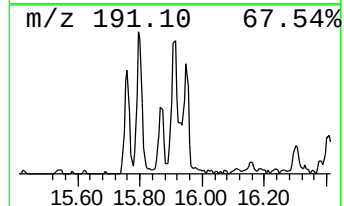
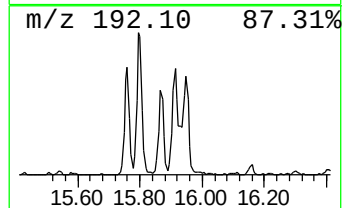
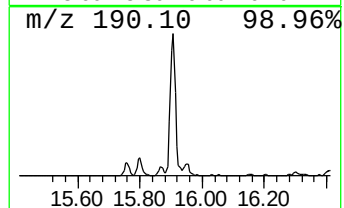
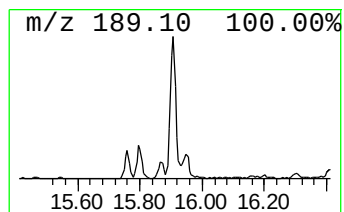
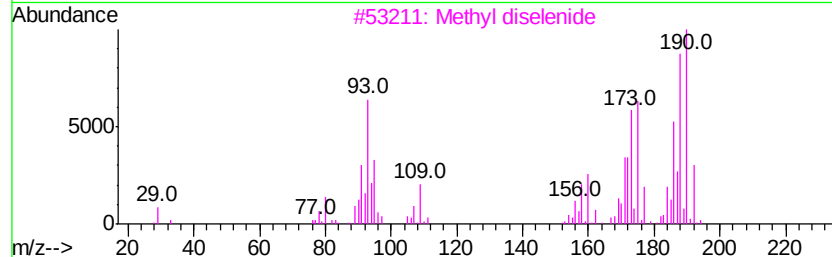
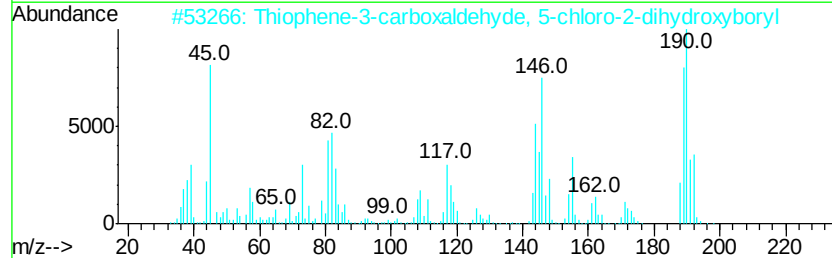
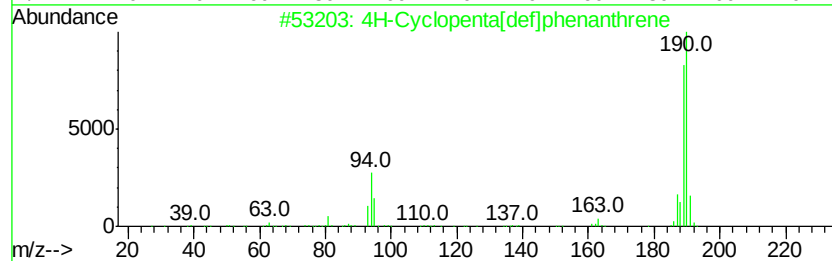
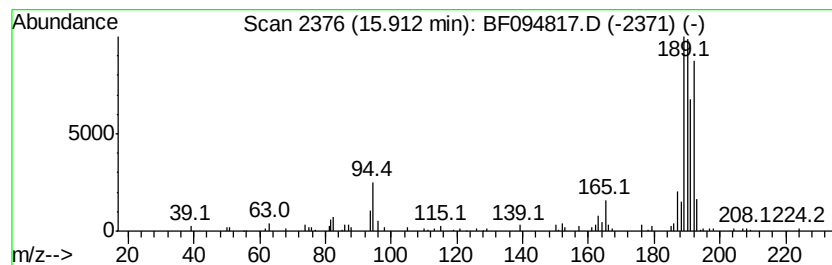
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.91	7.95 ng	236121	Phenanthrene-d10	14.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	43
4	6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	42
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094817.D
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Sample : I2920-11 2X
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ClientSampleId :
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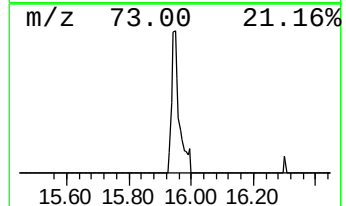
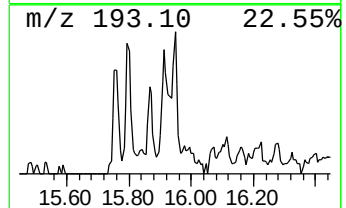
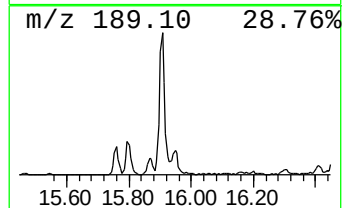
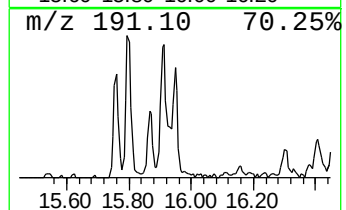
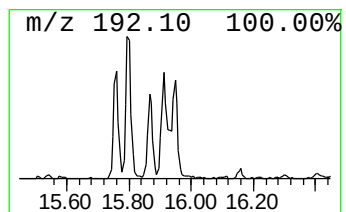
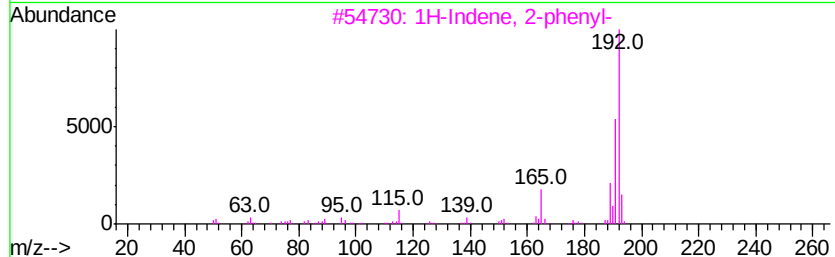
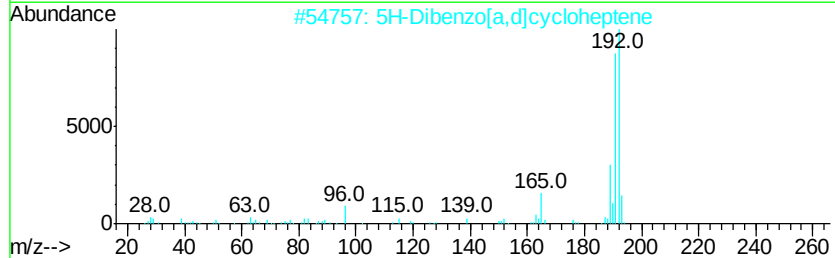
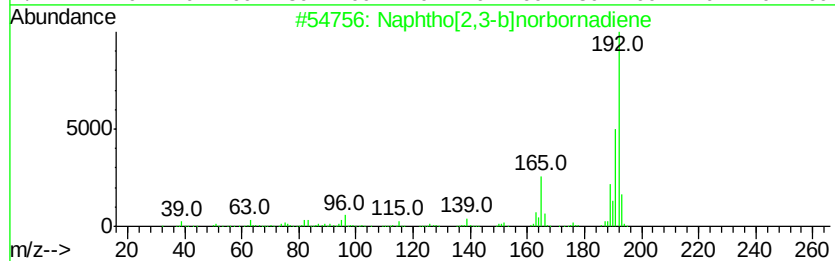
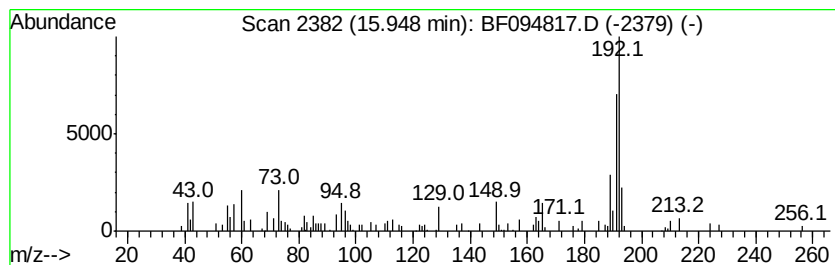
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphtho[2,3-b]norbornadiene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	4.47 ng	132846	Phenanthrene-d10	14.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	64
2		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	64
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	62
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
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Sample : I2920-11 2X
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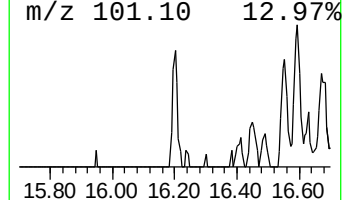
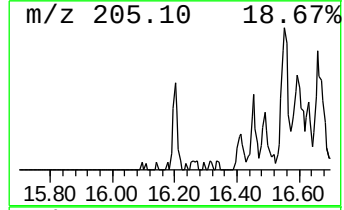
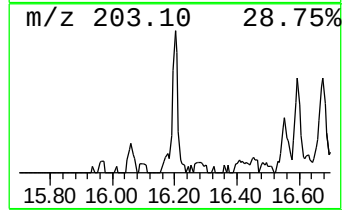
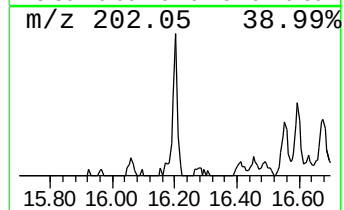
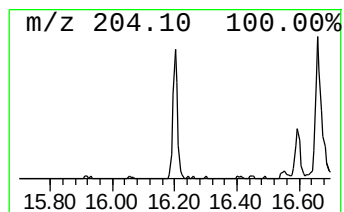
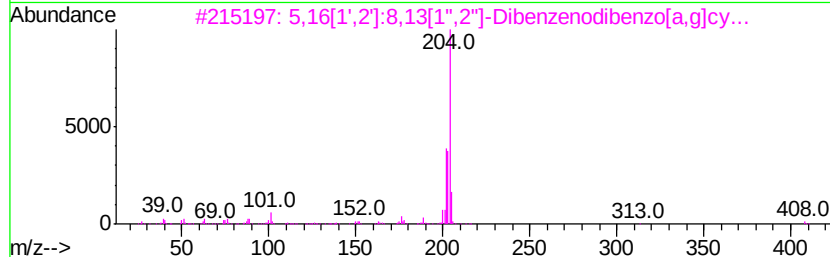
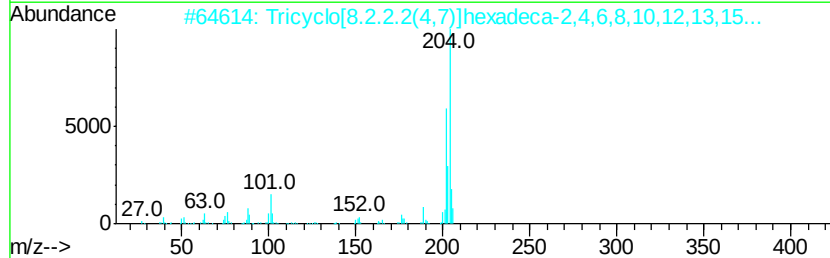
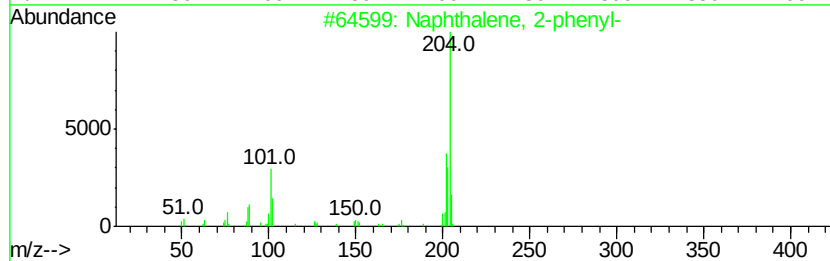
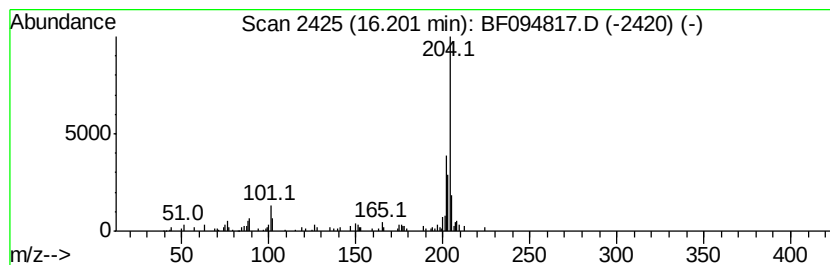
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	2.93 ng	87196	Phenanthrene-d10	14.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-phenyl-	204 C16H12	000612-94-2 91
2		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204 C16H12	006572-60-7 83
3		5,16[1',2'1:8,13[1'',2'']-Dibenz...	408 C32H24	005672-97-9 72
4		Acephenanthrylene, 4,5-dihydro-	204 C16H12	006232-48-0 55
5		Naphthalene, 1-phenyl-	204 C16H12	000605-02-7 55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094817.D
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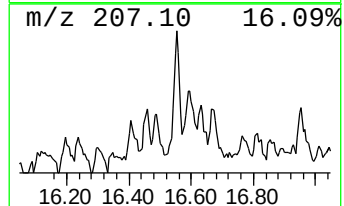
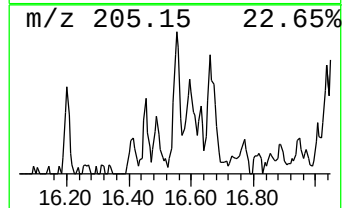
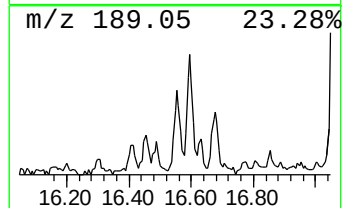
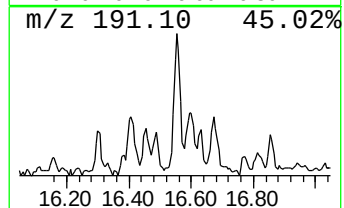
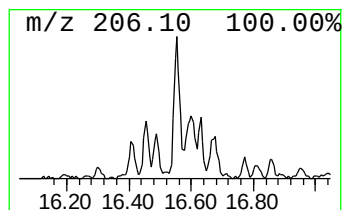
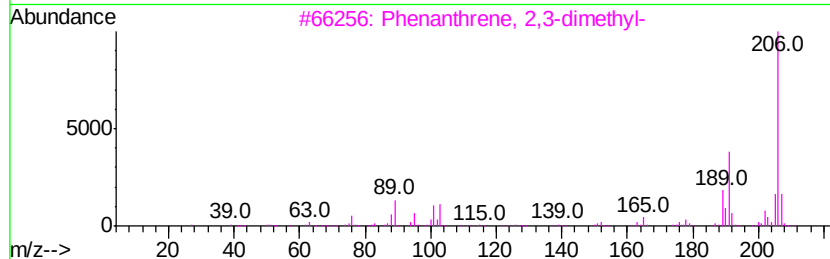
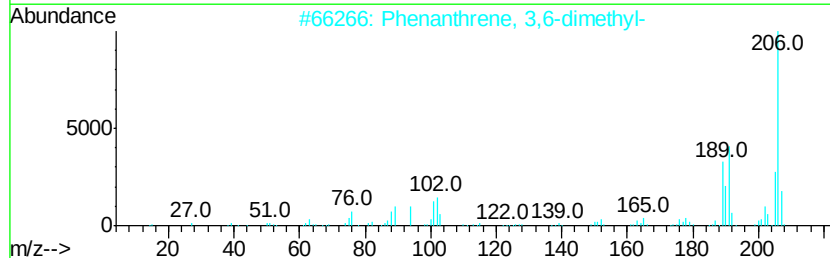
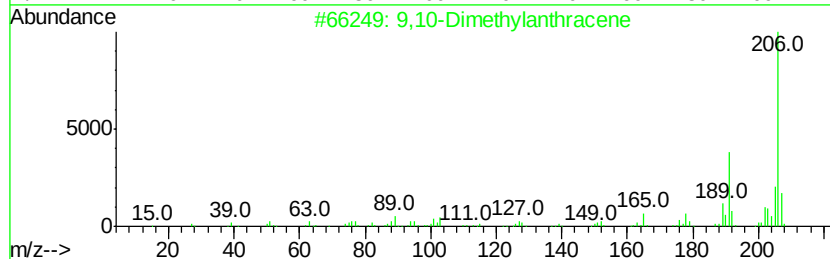
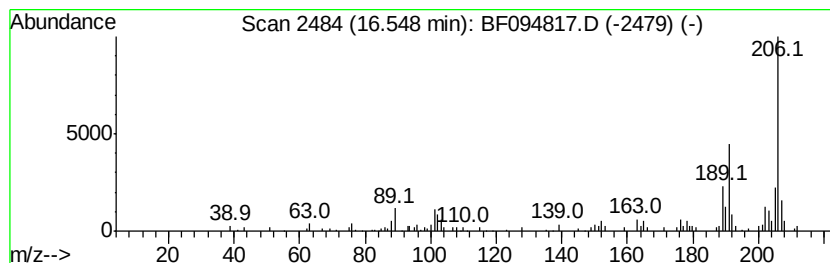
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Dimethylantracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	5.11 ng	151762	Phenanthrene-d10	14.98

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, 2,3-dimethyl-			206	C16H14	003674-65-5	93
4	Phenanthrene, 2,5-dimethyl-			206	C16H14	003674-66-6	93
5	Phenanthrene, 1,7-dimethyl-			206	C16H14	000483-87-4	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
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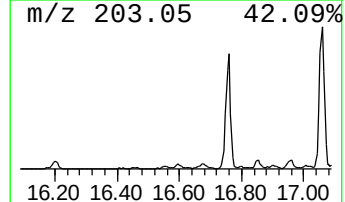
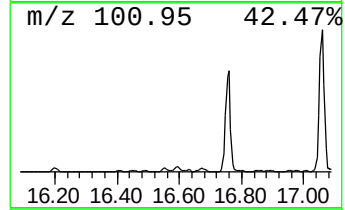
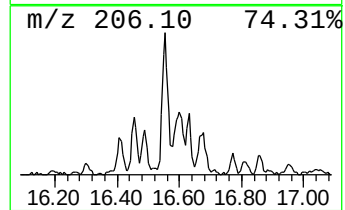
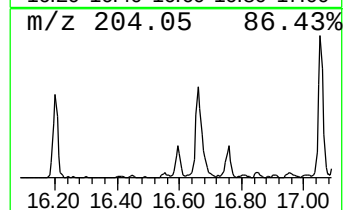
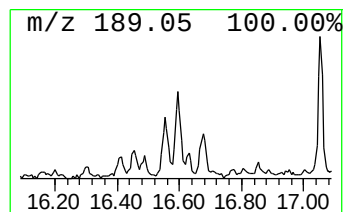
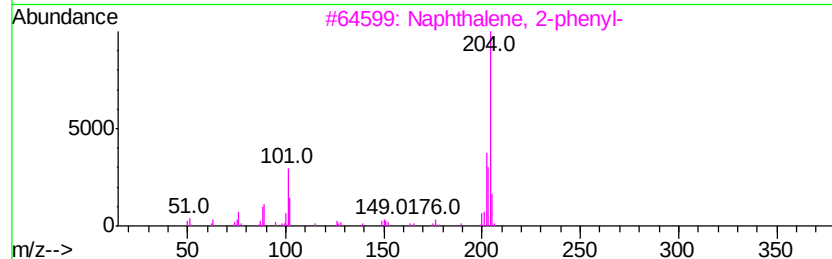
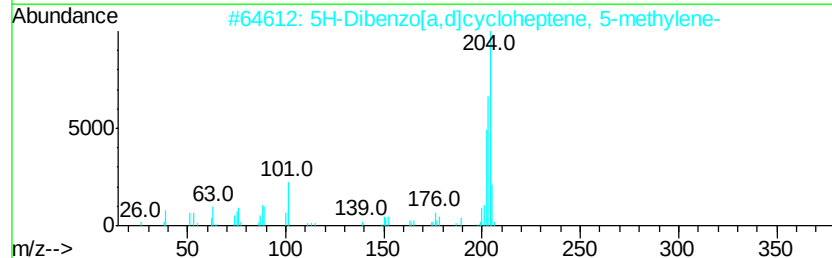
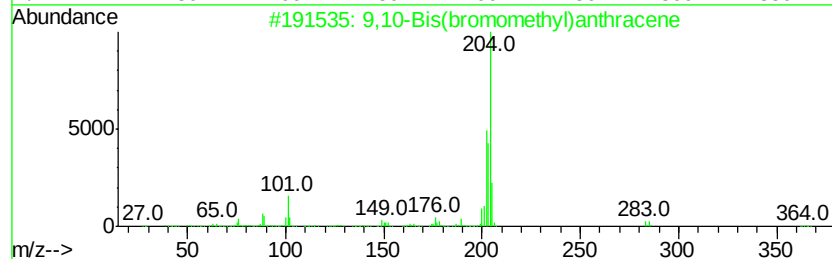
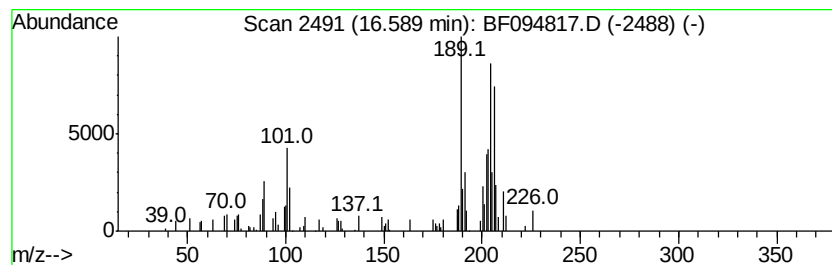
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown16.59 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.		
16.59	3.32 ng	98698	Phenanthrene-d10		14.98		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
2			5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	38
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
4			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	35
5			[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
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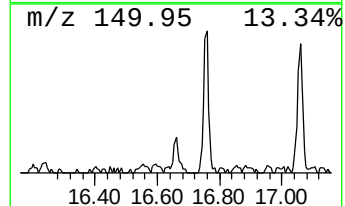
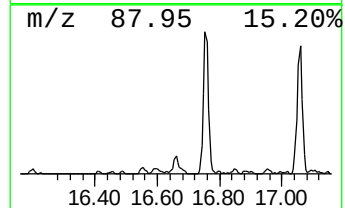
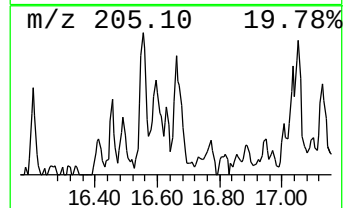
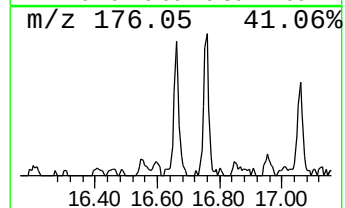
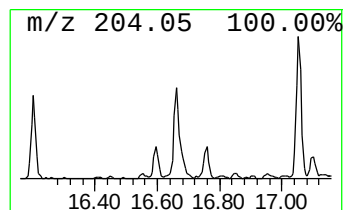
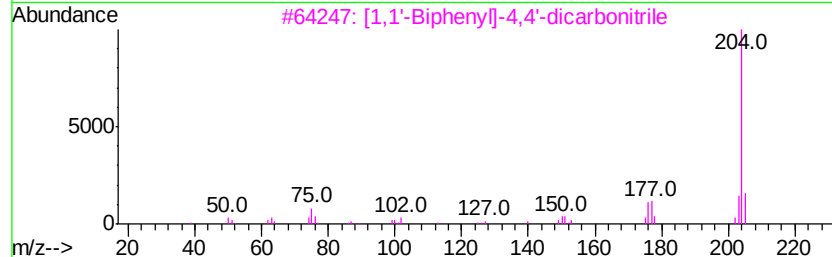
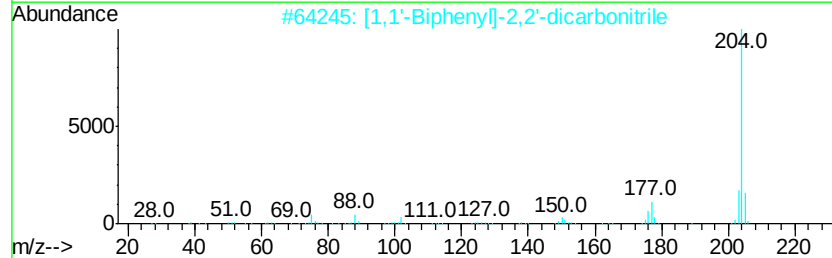
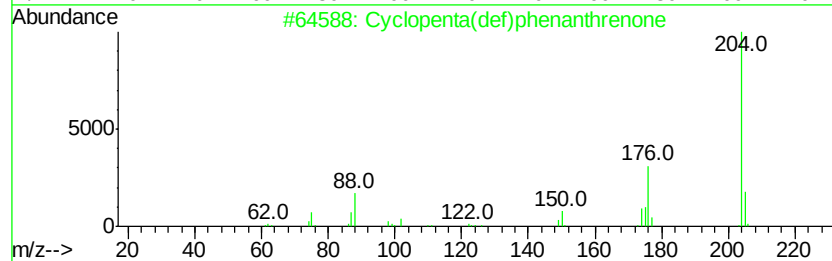
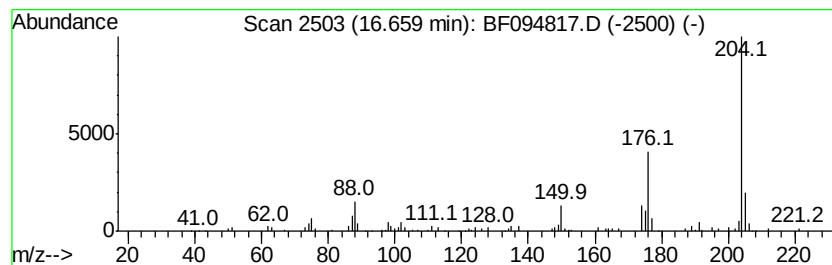
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	5.23 ng	155430	Phenanthrene-d10	14.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	58
3		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4		Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	52
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50



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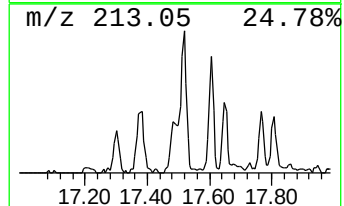
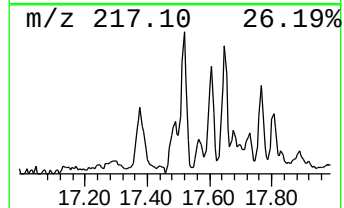
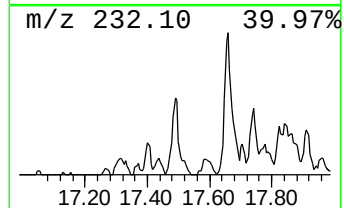
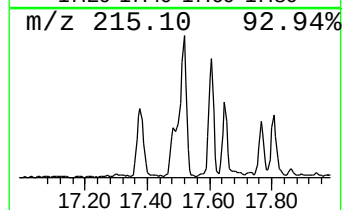
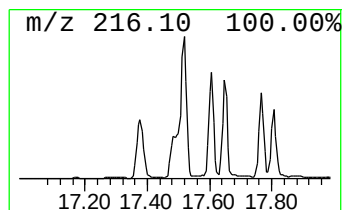
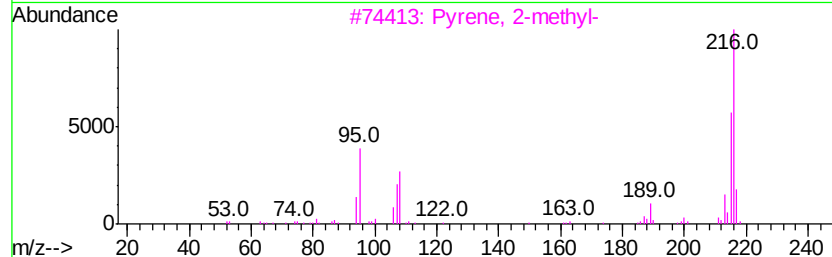
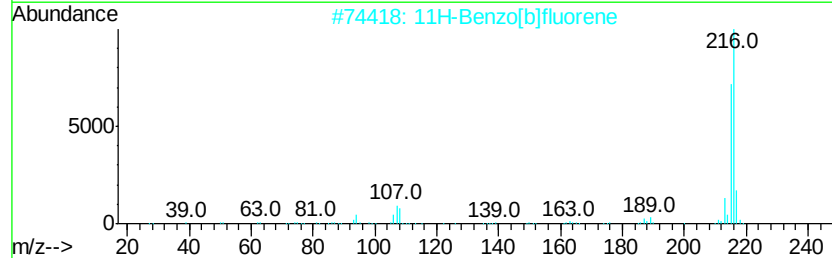
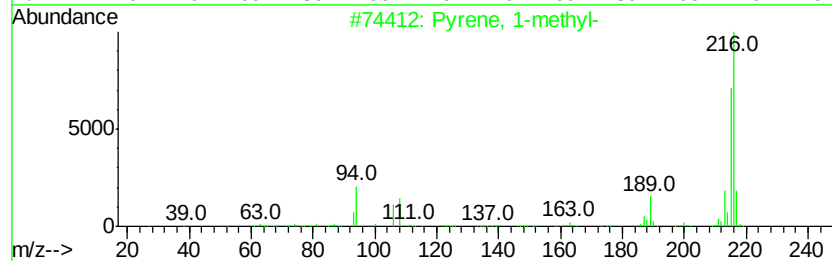
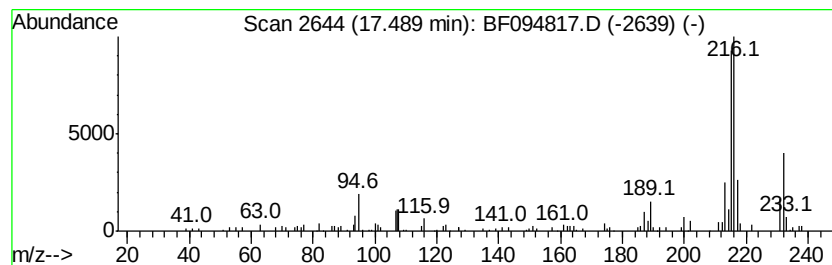
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	2.37 ng	172233	Chrysene-d12	18.65
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 78
2		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 70
3		Pyrene, 2-methyl-	216 C17H12	003442-78-2 58
4		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 58
5		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
Data File : BF094817.D
Acq On : 3 May 2017 3:51
Operator : SJ/MA
Sample : I2920-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
144-159-284-331

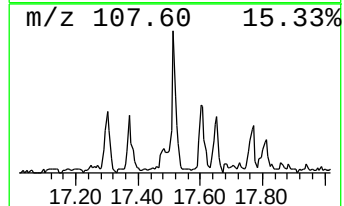
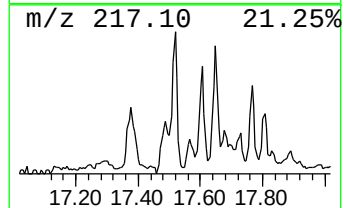
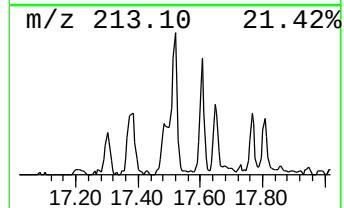
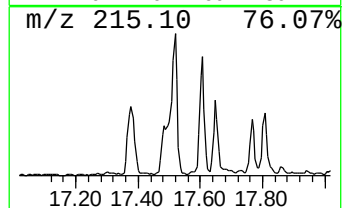
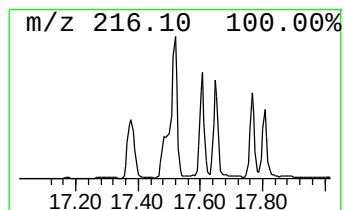
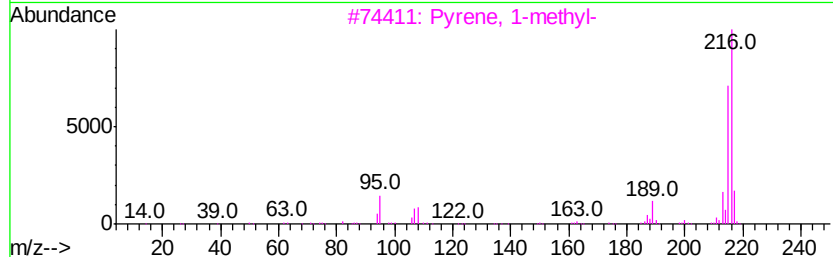
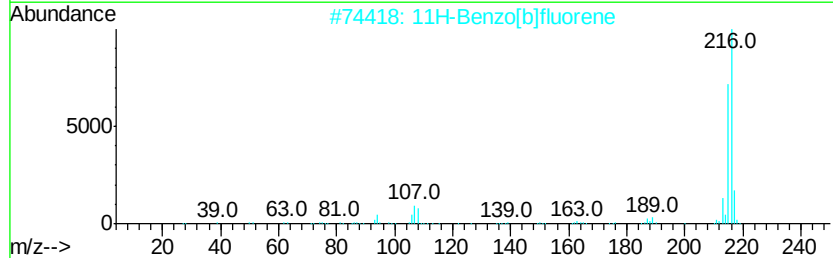
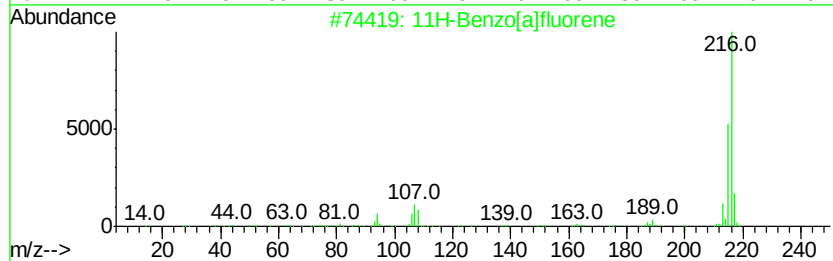
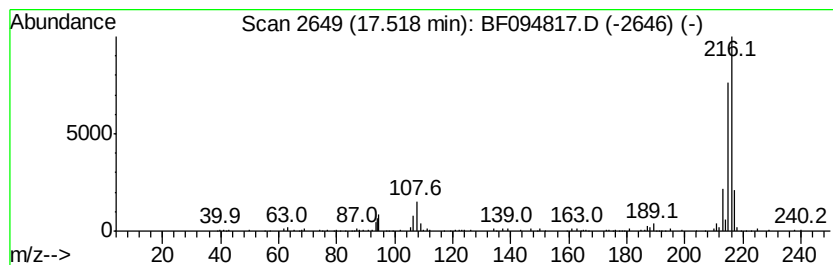
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	3.59 ng	261321	Chrysene-d12	18.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	90
4		Pvrene, 2-methyl-	216	C17H12	003442-78-2	86
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
Data File : BF094817.D
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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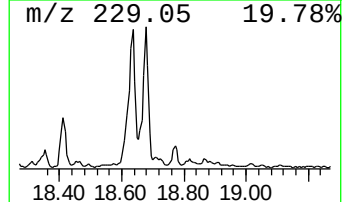
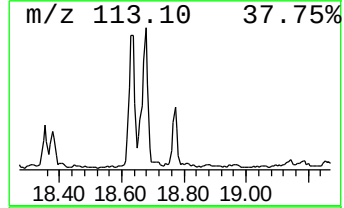
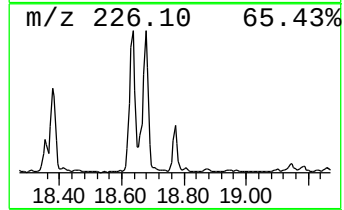
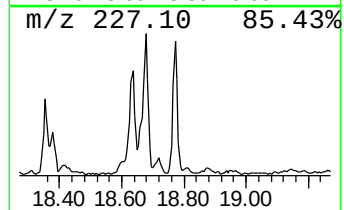
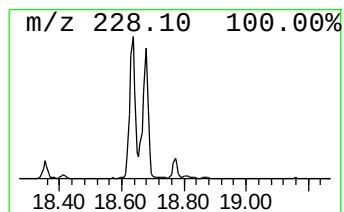
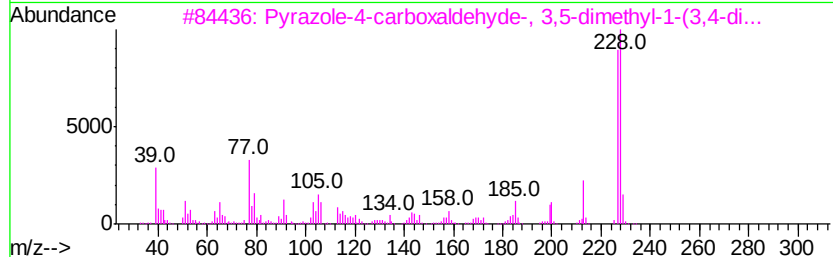
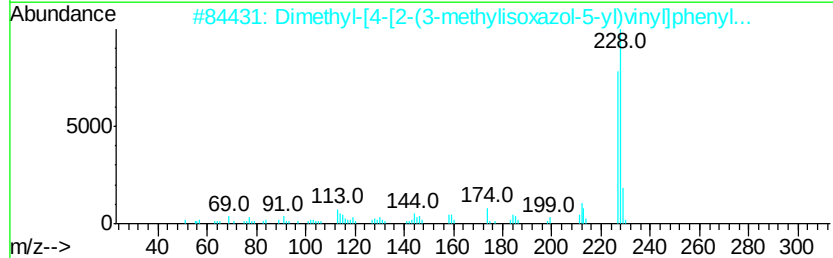
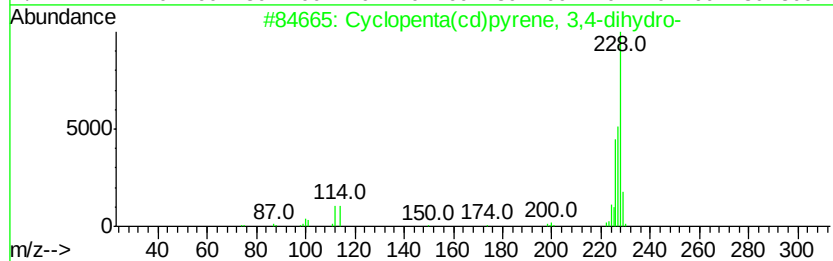
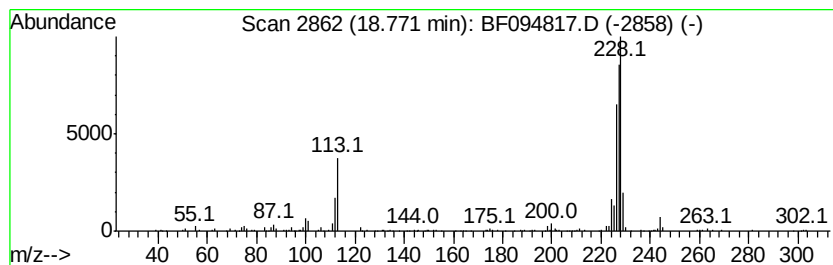
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	2.63 ng	190940	Chrysene-d12	18.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	55
2		Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
3		Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
4		Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	47
5		Benzo[c]phenanthrene	228	C18H12	000195-19-7	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
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Operator : SJ/MA
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ClientSampleId :
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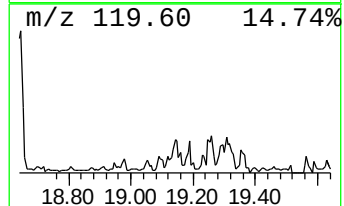
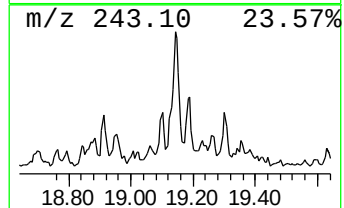
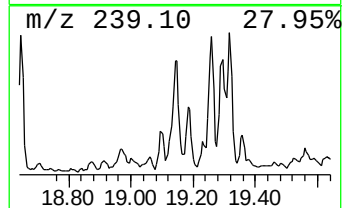
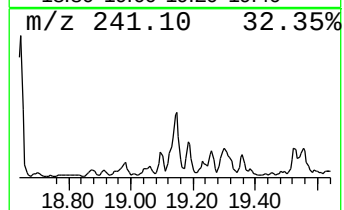
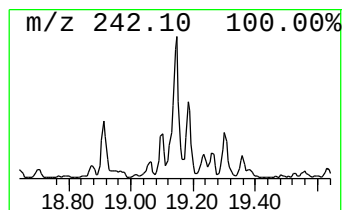
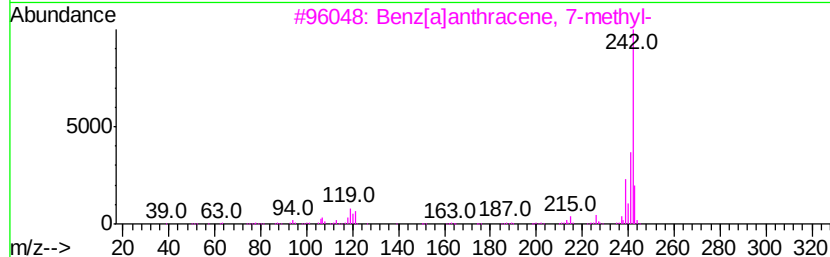
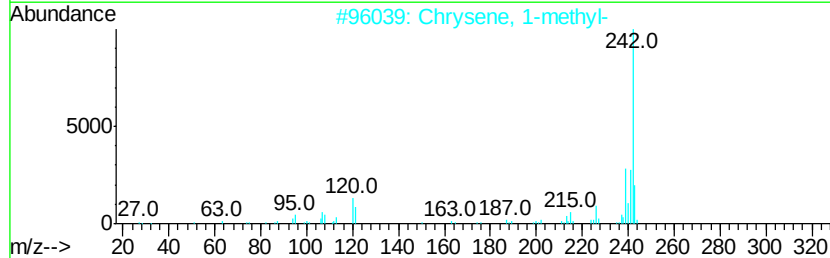
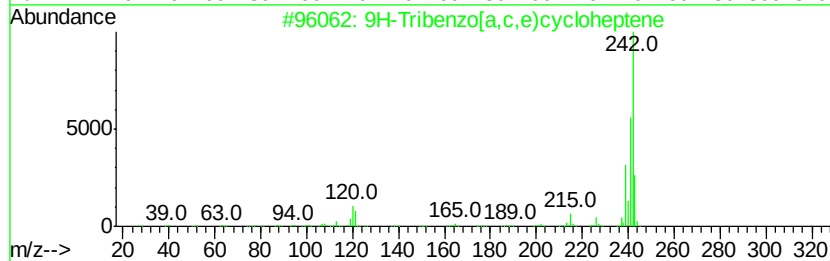
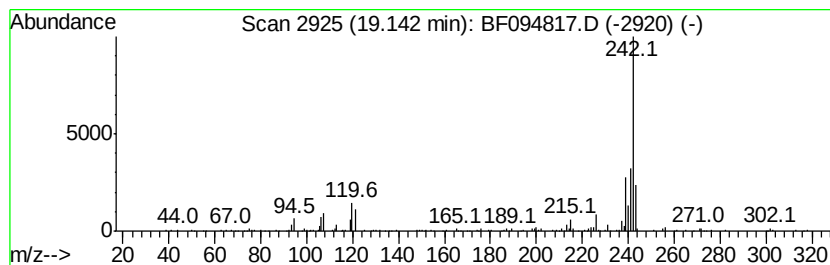
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9H-Tribenzo[a,c,e)cycloheptene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	3.28 ng	238625	Chrysene-d12	18.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Tribenzo[a,c,e)cycloheptene	242	C19H14	000213-10-5	92
2		Chrysene, 1-methyl-	242	C19H14	003351-28-8	92
3		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	91
4		Chrysene, 6-methyl-	242	C19H14	001705-85-7	86
5		Triphenylene, 2-methyl-	242	C19H14	001705-84-6	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
Data File : BF094817.D
Acq On : 3 May 2017 3:51
Operator : SJ/MA
Sample : I2920-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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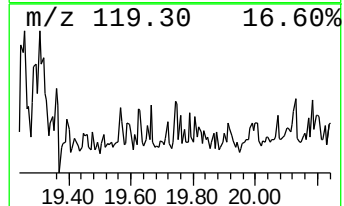
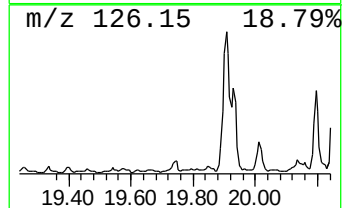
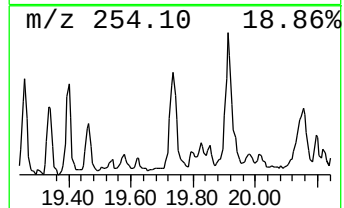
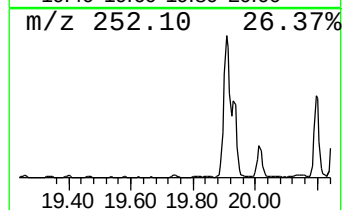
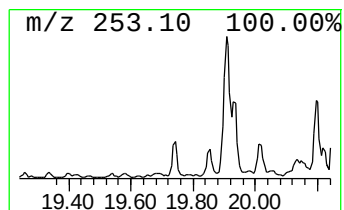
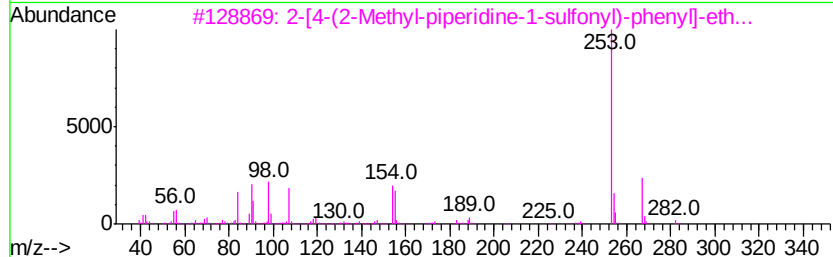
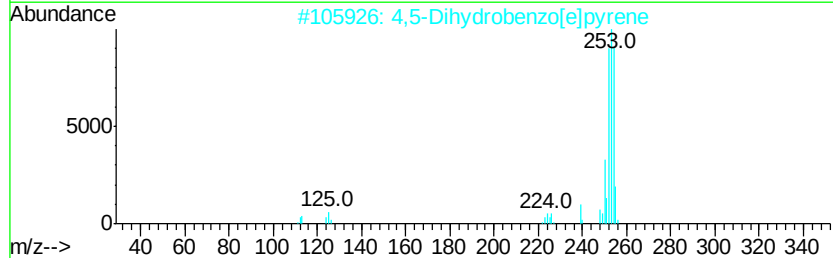
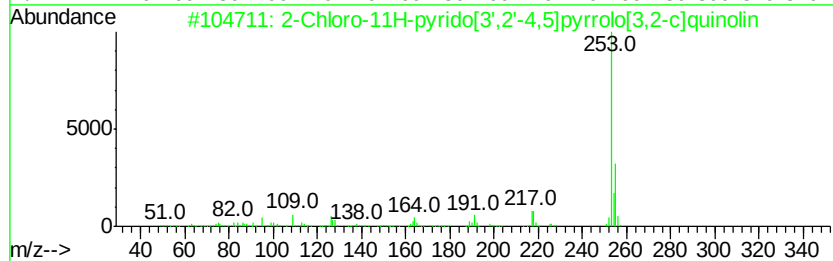
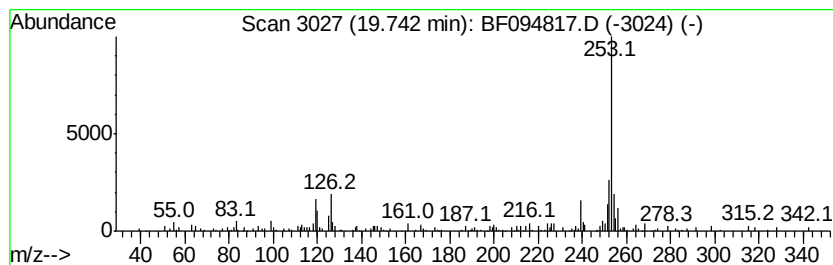
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2-Chloro-11H-pyrido[3',2'-4... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	3.70 ng	86008	Perylene-d12	20.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Chloro-11H-pyrido[3',2'-4,5]py...	253	C14H8ClN3	1000212-59-3	50
2		4,5-Dihydrobenzo[el]pyrene	254	C20H14	095676-42-9	50
3		2-[4-(2-Methyl-piperidine-1-sulf...	282	C14H22N2O2S	1000295-08-5	47
4		Benzaldehyde, 4-((4-(dimethylami...	253	C15H15N3O	039208-00-9	43
5		Phthalic acid, 3,5-dimethylpheny...	374	C23H18O5	1000315-73-8	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
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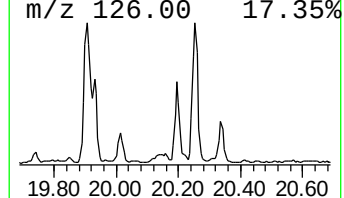
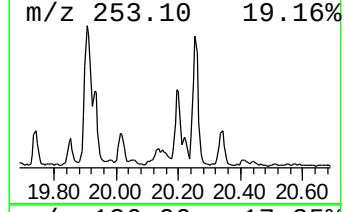
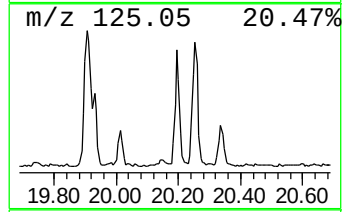
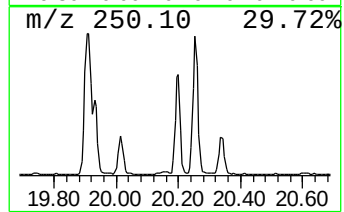
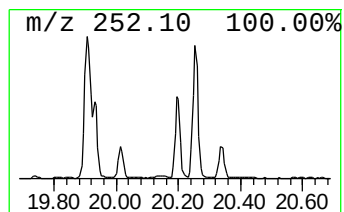
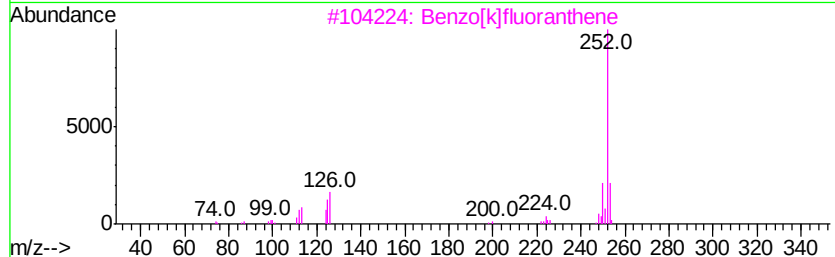
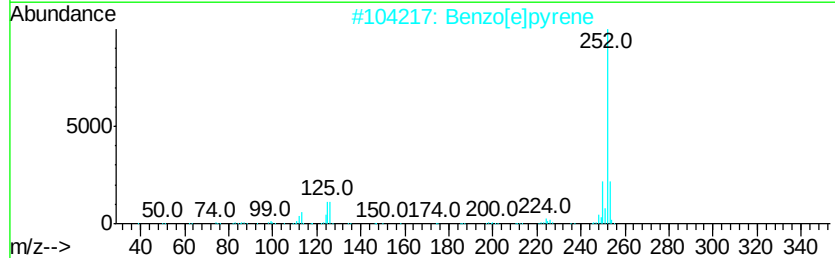
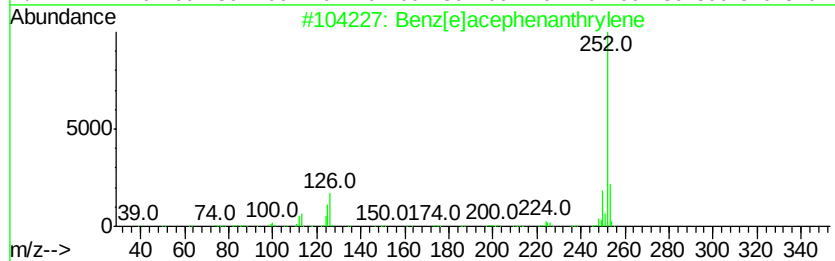
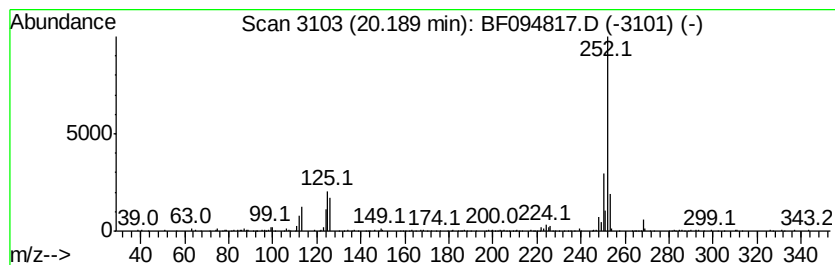
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benz[e]acephenanthrylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.19	20.11 ng	467278	Perylene-d12	20.31	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
4	Benzo[i]fluoranthene	252	C20H12	000205-82-3	97
5	Benzo[a]pyrene	252	C20H12	000050-32-8	96



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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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unknown7.38	7.38	41.1 ng		1122740	1	7.72	546475	20.0
Phenanthrene, 2-m...	15.76	2.9 ng		85880	4	14.98	594192	20.0
4H-Cyclopenta[def...	15.91	8.0 ng		236121	4	14.98	594192	20.0
Naphtho[2,3-b]nor...	15.95	4.5 ng		132846	4	14.98	594192	20.0
Naphthalene, 2-ph...	16.20	2.9 ng		87196	4	14.98	594192	20.0
9,10-Dimethylanthe...	16.55	5.1 ng		151762	4	14.98	594192	20.0
unknown16.59	16.59	3.3 ng		98698	4	14.98	594192	20.0
Cyclopenta(def)ph...	16.66	5.2 ng		155430	4	14.98	594192	20.0
Pyrene, 1-methyl-	17.49	2.4 ng		172233	5	18.65	1453830	20.0
11H-Benzo[a]fluorene	17.52	3.6 ng		261321	5	18.65	1453830	20.0
Cyclopenta(cd)pyr...	18.77	2.6 ng		190940	5	18.65	1453830	20.0
9H-Tribenzo[a,c,e...	19.14	3.3 ng		238625	5	18.65	1453830	20.0
2-Chloro-11H-pyri...	19.74	3.7 ng		86008	6	20.31	464714	20.0
Benz[e]acephenant...	20.19	20.1 ng		467278	6	20.31	464714	20.0