

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
 Data File : BF094812.D
 Acq On : 3 May 2017 1:12
 Operator : SJ/MA
 Sample : I2919-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-COMP

Integration Parameters: rteint.p

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_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	5.019	521	524	534	rBV	71574	124821	5.21%	0.400%
2	5.678	632	636	663	rBV	541761	929271	38.81%	2.975%
3	6.166	716	719	727	rBV	21719	39552	1.65%	0.127%
4	7.260	901	905	922	rBV	818459	1151790	48.11%	3.688%
5	7.389	922	927	935	rVB	873048	1156412	48.30%	3.702%
6	7.725	980	984	995	rBV	452707	547823	22.88%	1.754%
7	7.966	1020	1025	1036	rBV	676081	818529	34.19%	2.621%
8	8.619	1131	1136	1152	rBV	656570	798426	33.35%	2.556%
9	9.748	1324	1328	1343	rBV	595996	704867	29.44%	2.257%
10	11.524	1624	1630	1645	rBV	1907631	2206505	92.16%	7.064%
11	12.213	1742	1747	1759	rBV	192299	255006	10.65%	0.816%
12	12.577	1804	1809	1814	rBV2	662507	811593	33.90%	2.598%
13	12.630	1814	1818	1825	rVB	72785	104801	4.38%	0.336%
14	13.424	1945	1953	1957	rBV4	42104	57926	2.42%	0.185%
15	13.477	1957	1962	1967	rVV	56273	70770	2.96%	0.227%
16	13.871	2024	2029	2039	rBV	1170699	1520510	63.51%	4.868%
17	13.948	2039	2042	2051	rVB6	20834	37534	1.57%	0.120%
18	14.195	2081	2084	2087	rBV	44157	56518	2.36%	0.181%
19	14.377	2108	2115	2118	rBV2	37484	68708	2.87%	0.220%
20	14.418	2118	2122	2128	rVB3	31905	52016	2.17%	0.167%
21	14.601	2150	2153	2157	rBV4	20845	35406	1.48%	0.113%
22	14.695	2165	2169	2176	rVB5	27629	50310	2.10%	0.161%
23	14.777	2176	2183	2186	rVV4	22486	45126	1.88%	0.144%
24	14.812	2186	2189	2193	rVB	30213	36250	1.51%	0.116%
25	14.930	2203	2209	2213	rBV2	30937	39085	1.63%	0.125%
26	14.977	2213	2217	2220	rVV	645645	756146	31.58%	2.421%
27	15.012	2220	2223	2229	rVV	857705	948603	39.62%	3.037%
28	15.095	2233	2237	2243	rVB	183137	218020	9.11%	0.698%
29	15.195	2248	2254	2258	rBV5	22125	38399	1.60%	0.123%
30	15.465	2297	2300	2303	rBV	70256	70480	2.94%	0.226%
31	15.759	2345	2350	2353	rVV	259626	274040	11.45%	0.877%
32	15.795	2353	2356	2365	rVV	287038	338722	14.15%	1.084%
33	15.871	2365	2369	2371	rVV	84915	93347	3.90%	0.299%
34	15.906	2371	2375	2379	rVV2	347566	446513	18.65%	1.430%

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35	15.948	2379	2382	2392	rVB	263407	320653	13.39%	1.027%
36	16.200	2419	2425	2428	rVV	187011	227231	9.49%	0.727%
37	16.236	2428	2431	2435	rVV	114797	125654	5.25%	0.402%
38	16.300	2439	2442	2446	rBV	51639	48350	2.02%	0.155%
39	16.406	2456	2460	2465	rBV2	65374	97105	4.06%	0.311%
40	16.453	2465	2468	2471	rVV	51704	52296	2.18%	0.167%
41	16.489	2471	2474	2479	rVB	46455	53596	2.24%	0.172%
42	16.553	2479	2485	2489	rBV	167160	230555	9.63%	0.738%
43	16.595	2489	2492	2496	rVV	94558	127865	5.34%	0.409%
44	16.630	2496	2498	2500	rVB	51500	42764	1.79%	0.137%
45	16.665	2500	2504	2511	rVB3	130086	219592	9.17%	0.703%
46	16.753	2511	2519	2524	rBV	1268414	1543711	64.48%	4.942%
47	16.800	2524	2527	2533	rVB	80875	94068	3.93%	0.301%
48	16.853	2533	2536	2539	rBV	77770	85144	3.56%	0.273%
49	16.883	2539	2541	2549	rVB2	36826	59396	2.48%	0.190%
50	16.953	2549	2553	2555	rBV3	50028	71611	2.99%	0.229%
51	17.059	2564	2571	2576	rBV	1811070	2113072	88.26%	6.765%
52	17.142	2581	2585	2589	rVV4	49528	80412	3.36%	0.257%
53	17.177	2589	2591	2596	rVB	37894	41321	1.73%	0.132%
54	17.242	2596	2602	2607	rBV2	43902	74930	3.13%	0.240%
55	17.306	2607	2613	2617	rVV	2095041	2394261	100.00%	7.665%
56	17.377	2619	2625	2632	rBV5	106487	200006	8.35%	0.640%
57	17.483	2638	2643	2646	rBV3	102371	180858	7.55%	0.579%
58	17.518	2646	2649	2654	rVB	172683	210995	8.81%	0.676%
59	17.606	2661	2664	2668	rVB2	79577	85356	3.57%	0.273%
60	17.647	2668	2671	2675	rBV2	179658	240612	10.05%	0.770%
61	17.765	2688	2691	2694	rVV	128503	128558	5.37%	0.412%
62	17.806	2694	2698	2704	rVB	121544	135529	5.66%	0.434%
63	17.936	2717	2720	2726	rVB4	19136	37773	1.58%	0.121%
64	18.030	2732	2736	2739	rBV6	20842	40635	1.70%	0.130%
65	18.077	2739	2744	2747	rVV4	25595	39963	1.67%	0.128%
66	18.189	2760	2763	2768	rVB	100157	104651	4.37%	0.335%
67	18.324	2781	2786	2788	rBV2	77071	120122	5.02%	0.385%
68	18.353	2788	2791	2793	rVV	137794	152862	6.38%	0.489%
69	18.383	2793	2796	2799	rVV2	95605	111266	4.65%	0.356%
70	18.418	2799	2802	2806	rVB4	31128	42473	1.77%	0.136%
71	18.459	2806	2809	2814	rBV	114060	129233	5.40%	0.414%

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72	18.600	2825	2833	2834	rBV8	26301	63564	2.65%	0.204%
73	18.636	2834	2839	2843	rVV2	823257	1365479	57.03%	4.372%
74	18.671	2843	2845	2849	rVV	547489	612619	25.59%	1.961%
75	18.706	2849	2851	2855	rVV5	48851	55627	2.32%	0.178%
76	18.771	2858	2862	2867	rVB2	84747	99212	4.14%	0.318%
77	18.965	2890	2895	2900	rBV8	25746	39508	1.65%	0.126%
78	19.100	2914	2918	2920	rBV	37195	42212	1.76%	0.135%
79	19.141	2920	2925	2930	rVV	117733	169029	7.06%	0.541%
80	19.183	2930	2932	2936	rVB	60130	66995	2.80%	0.214%
81	19.259	2942	2945	2948	rVB2	62118	65651	2.74%	0.210%
82	19.300	2948	2952	2957	rBV4	43966	87675	3.66%	0.281%
83	19.400	2965	2969	2975	rVB2	48229	72024	3.01%	0.231%
84	19.565	2991	2997	3000	rBV4	23744	46676	1.95%	0.149%
85	19.630	3005	3008	3012	rBV5	33914	45540	1.90%	0.146%
86	19.783	3031	3034	3037	rBV	63544	64616	2.70%	0.207%
87	19.900	3049	3054	3057	rBV	424656	626140	26.15%	2.005%
88	20.012	3070	3073	3078	rVB	72842	79130	3.30%	0.253%
89	20.159	3089	3098	3100	rBV5	41045	92170	3.85%	0.295%
90	20.194	3100	3104	3110	rVB	291155	356537	14.89%	1.141%
91	20.247	3110	3113	3119	rBV	460862	527921	22.05%	1.690%
92	20.306	3119	3123	3126	rBV	534201	592243	24.74%	1.896%
93	20.788	3201	3205	3215	rVB7	40564	118165	4.94%	0.378%
94	21.594	3337	3342	3350	rVV2	179545	329643	13.77%	1.055%
95	21.747	3364	3368	3371	rVV	40722	64912	2.71%	0.208%
96	21.794	3373	3376	3382	rVB	39066	65243	2.72%	0.209%
97	21.971	3400	3406	3417	rBV	151112	304468	12.72%	0.975%
98	22.188	3439	3443	3453	rVB	23380	65010	2.72%	0.208%
99	22.300	3458	3462	3468	rVB9	17417	36554	1.53%	0.117%
100	23.894	3722	3733	3740	rBV3	32368	111920	4.67%	0.358%

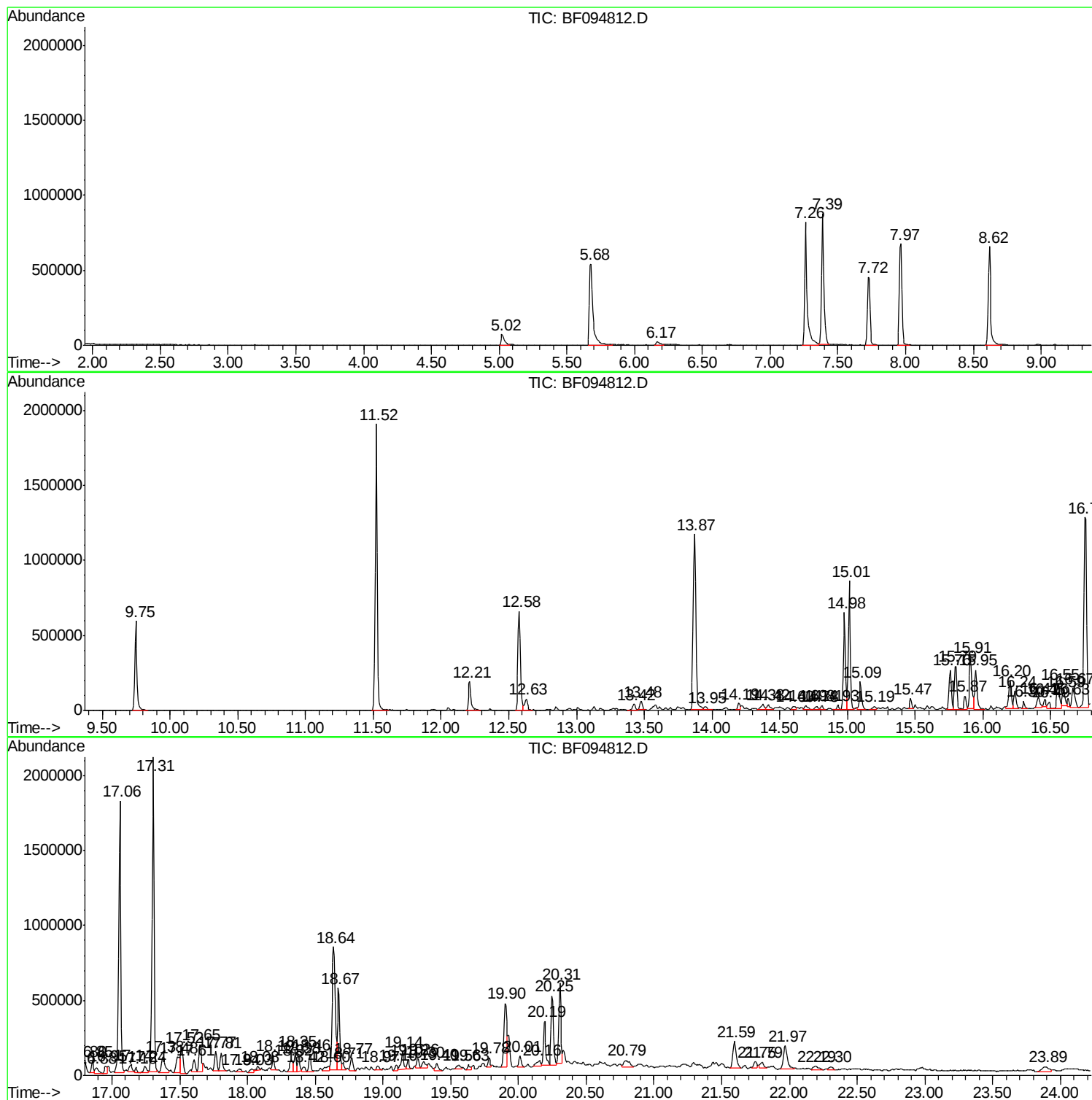
Sum of corrected areas: 31234787

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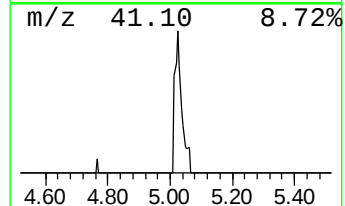
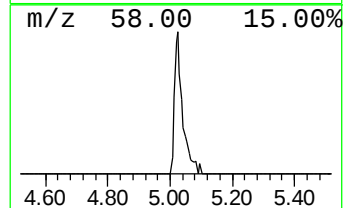
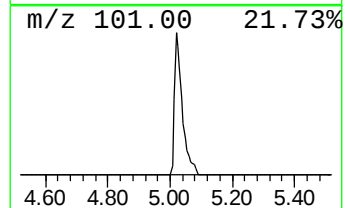
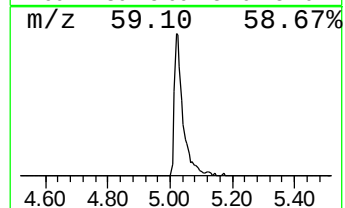
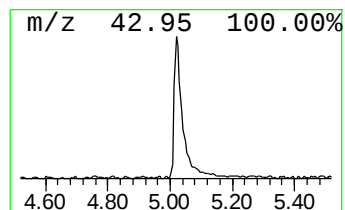
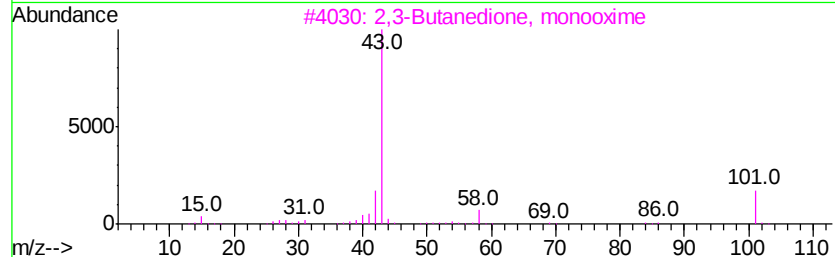
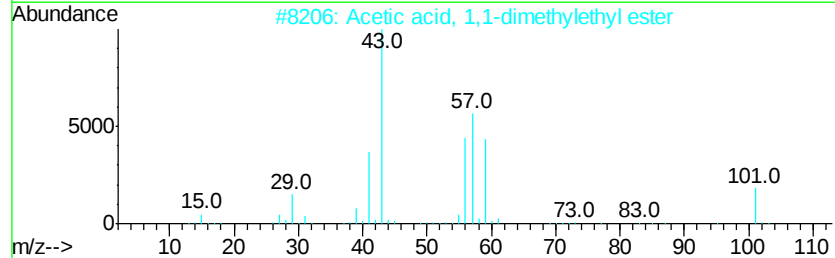
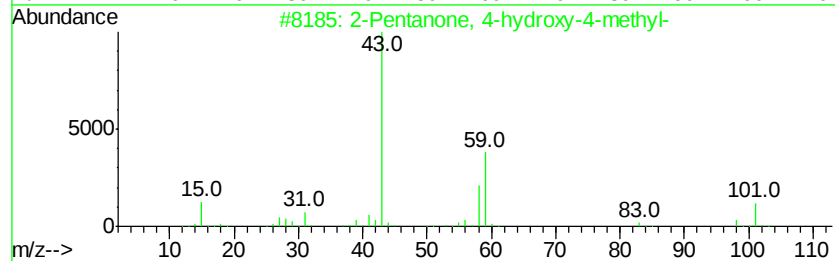
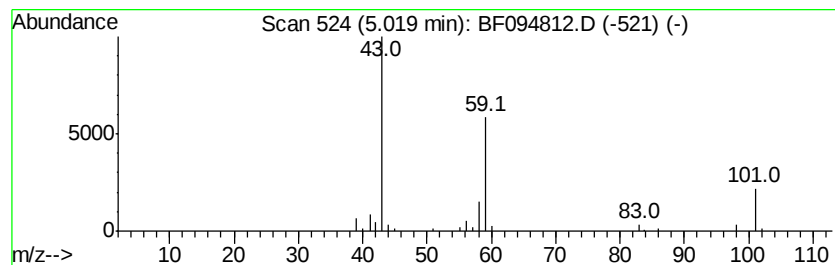
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	4.56 ng	124821	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	56	
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38	
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32	
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25	
5	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	25	



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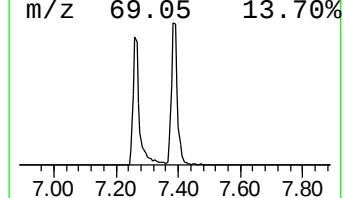
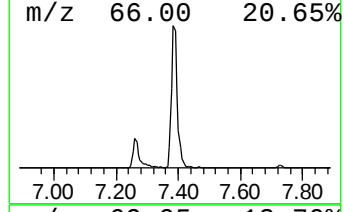
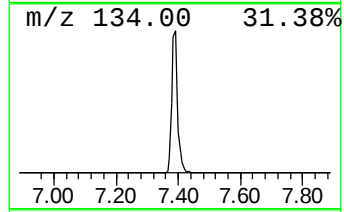
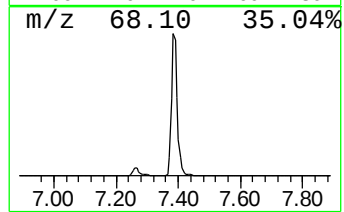
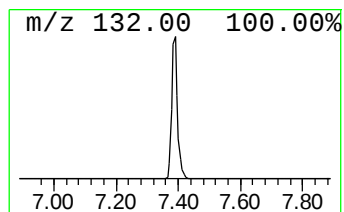
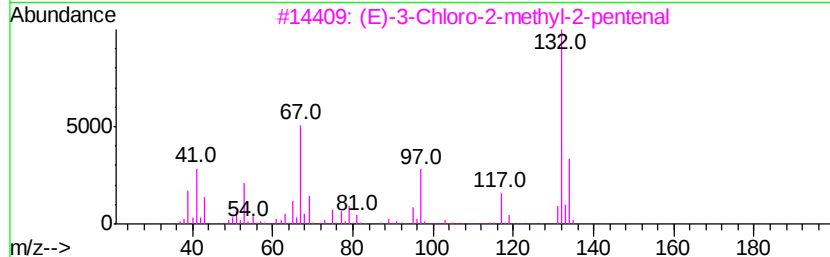
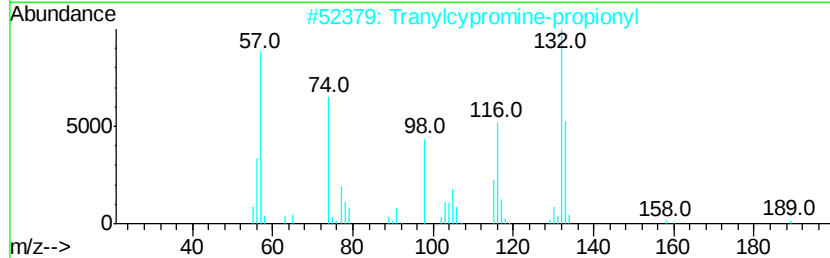
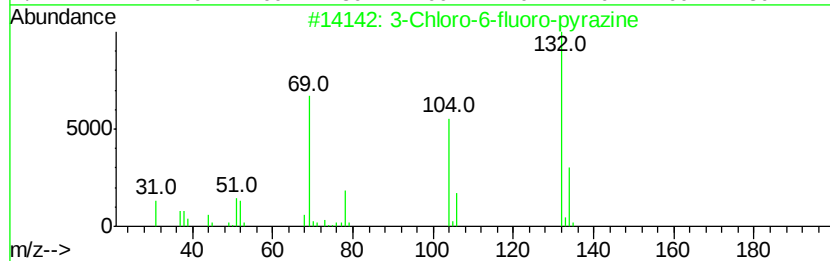
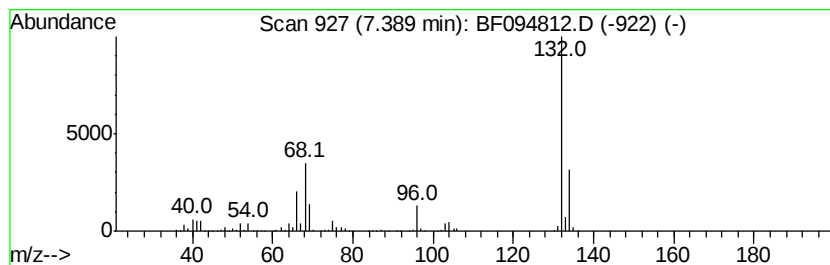
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.39 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	42.22 ng	1156410	1,4-Dichlorobenzene-d4	7.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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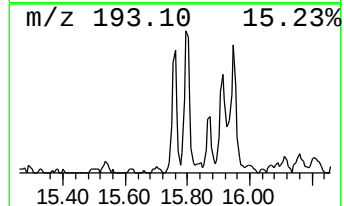
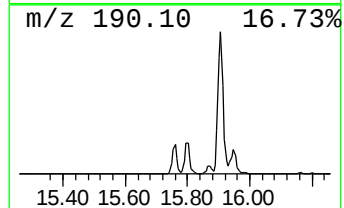
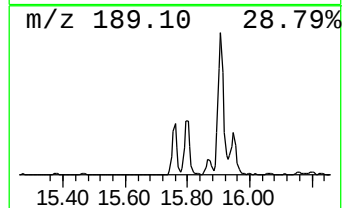
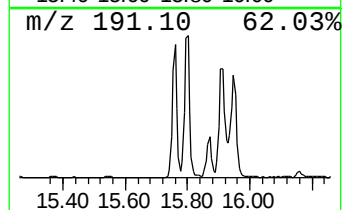
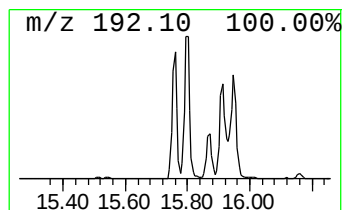
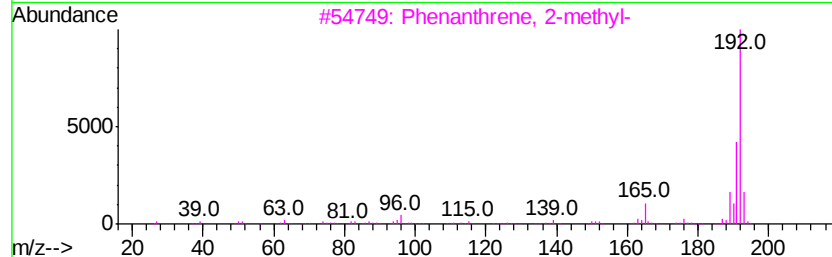
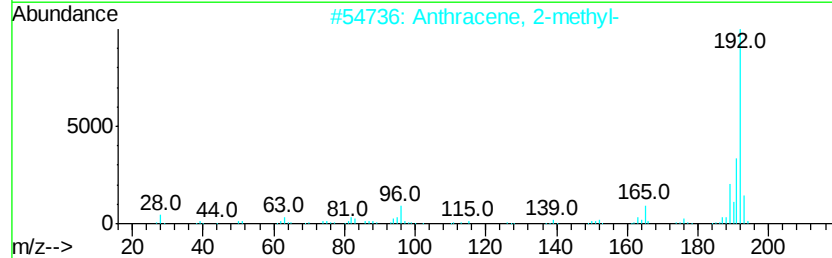
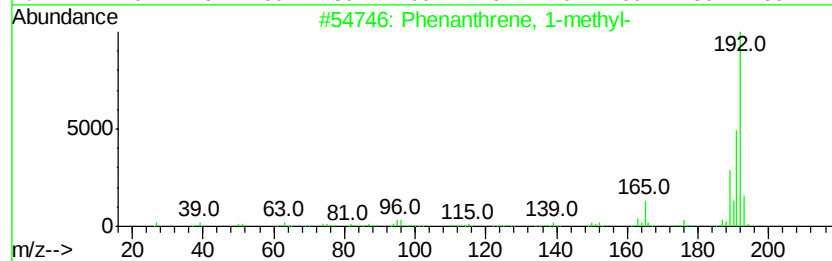
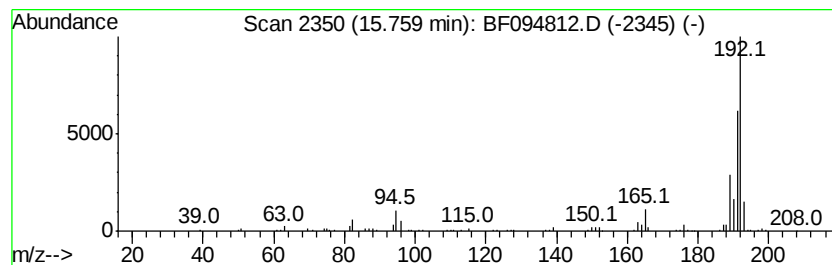
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Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	7.25 ng	274040	Phenanthrene-d10	14.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
Data File : BF094812.D
Acq On : 3 May 2017 1:12
Operator : SJ/MA
Sample : I2919-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-COMP

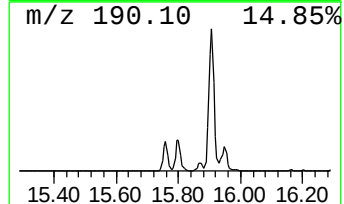
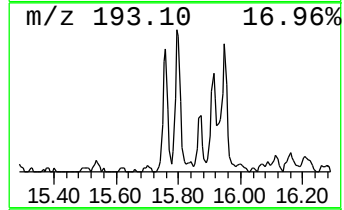
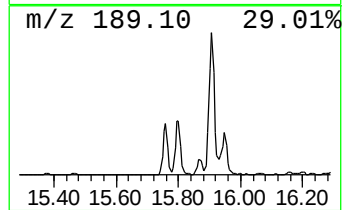
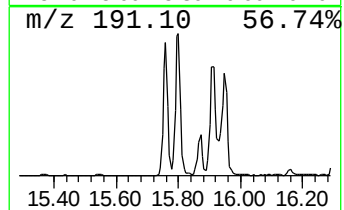
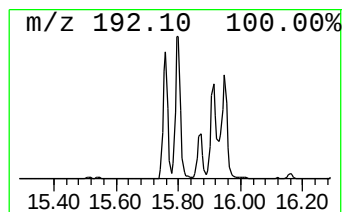
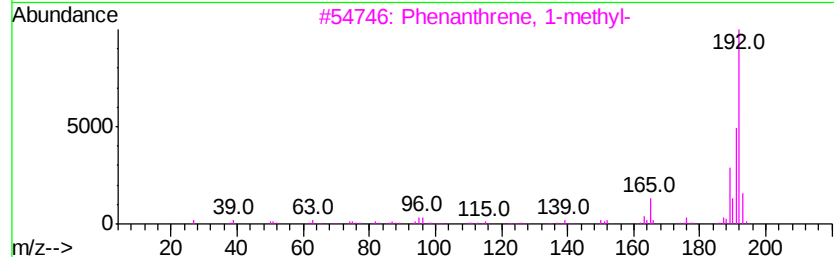
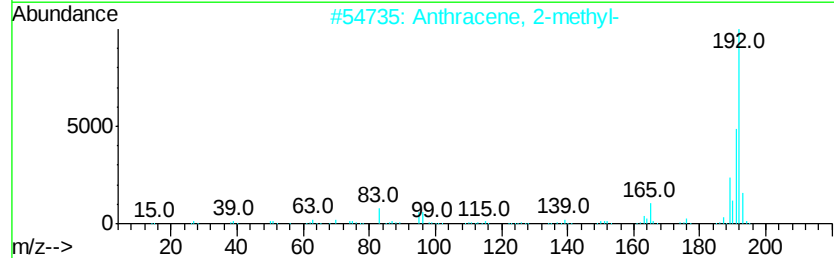
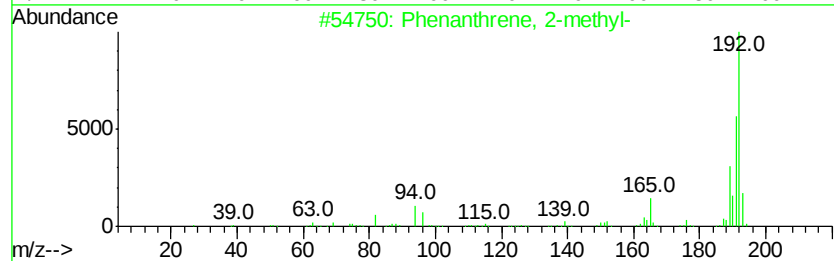
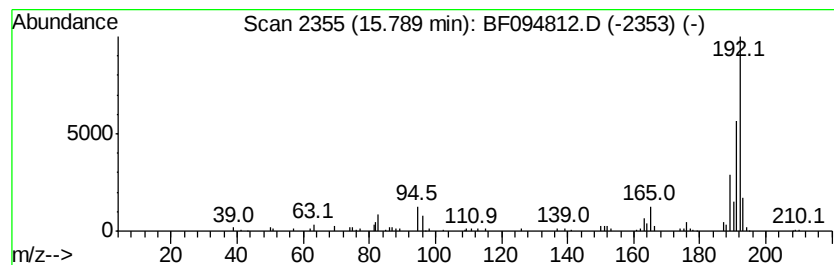
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	8.96 ng	338722	Phenanthrene-d10	14.98

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	96
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094812.D
Acq On : 3 May 2017 1:12
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ClientSampleId :
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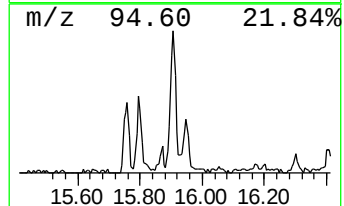
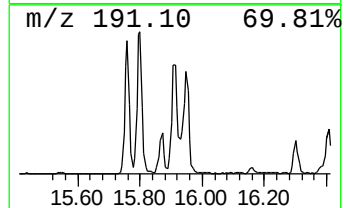
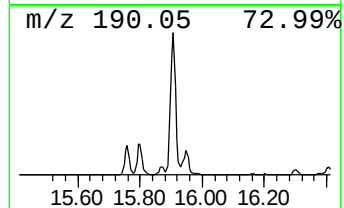
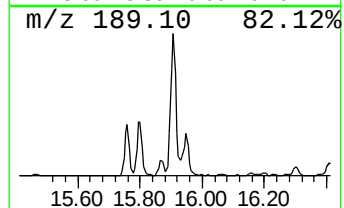
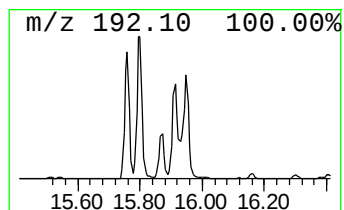
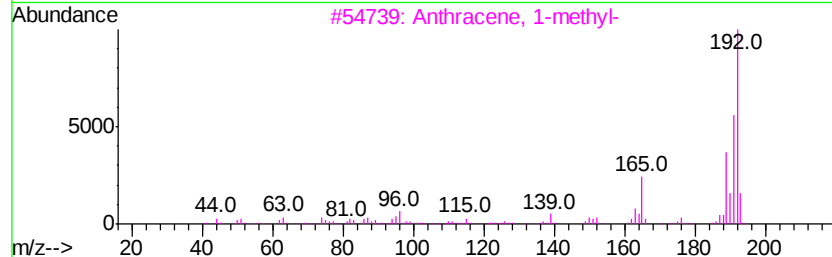
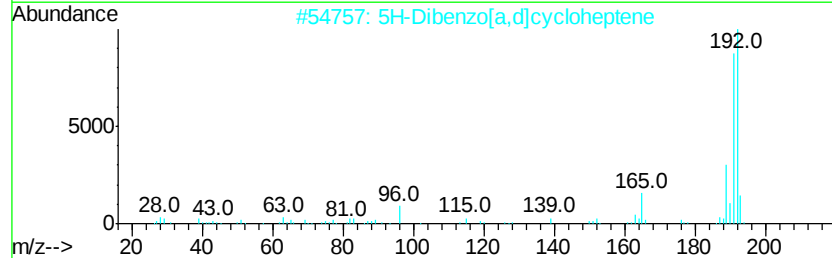
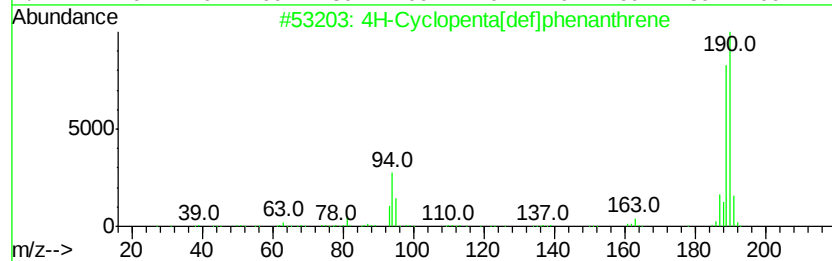
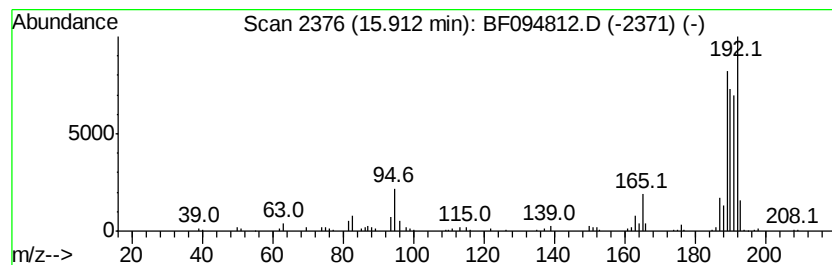
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	11.81 ng	446513	Phenanthrene-d10	14.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
4	Benzene, 1,1'-(1,2-propadienyldi...	192	C15H12	014251-57-1	38
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094812.D
Acq On : 3 May 2017 1:12
Operator : SJ/MA
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ClientSampleId :
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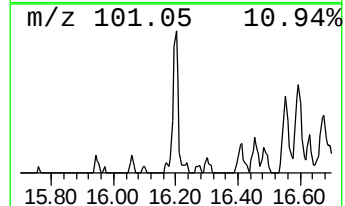
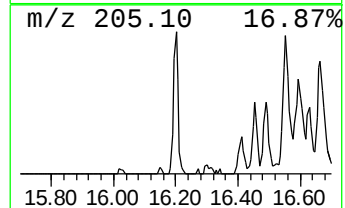
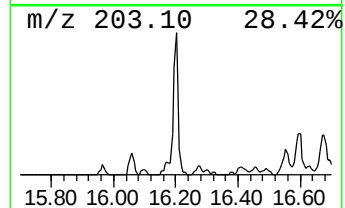
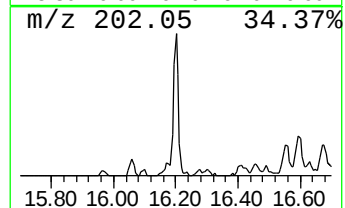
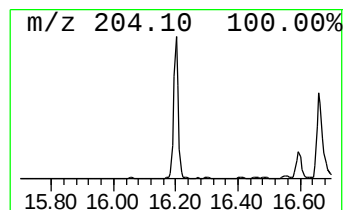
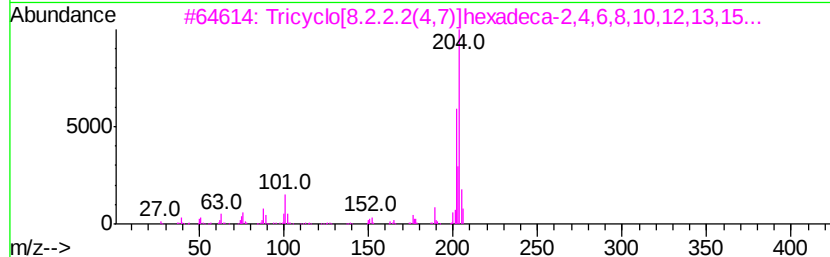
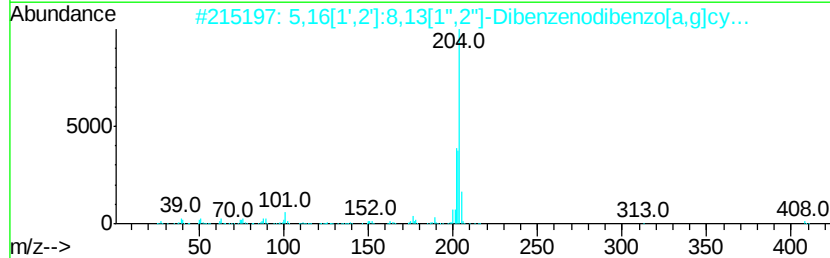
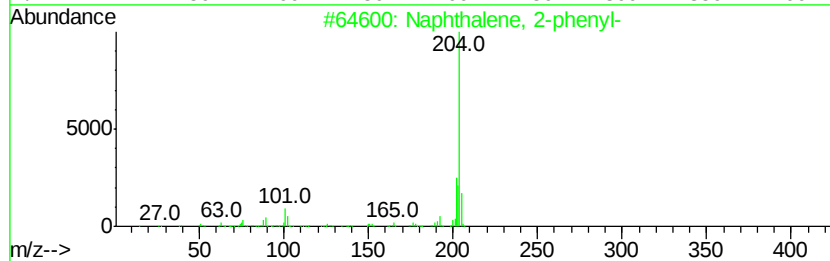
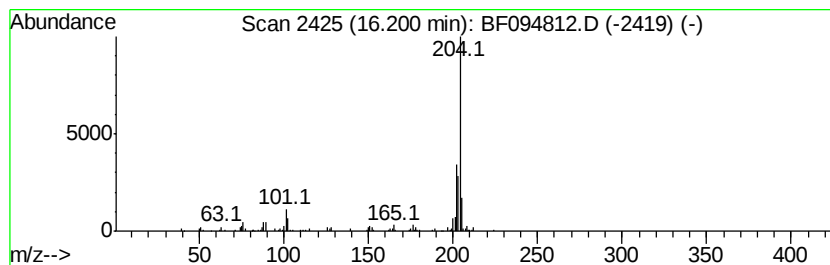
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	6.01 ng	227231	Phenanthrene-d10	14.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094812.D
Acq On : 3 May 2017 1:12
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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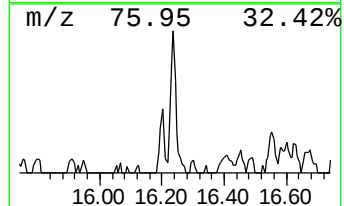
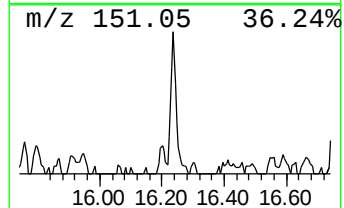
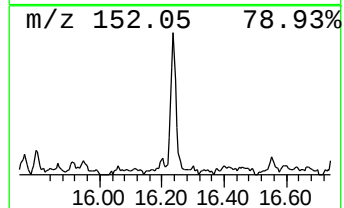
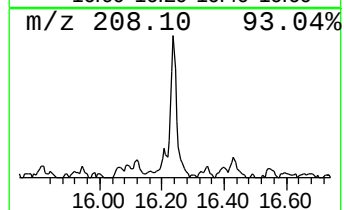
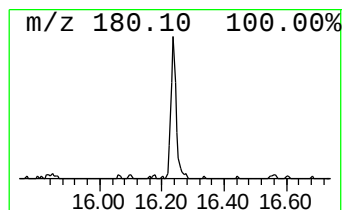
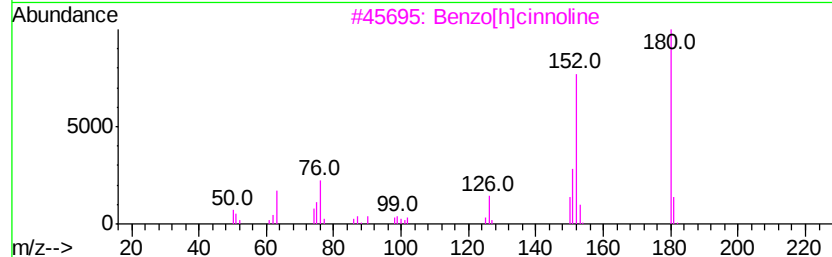
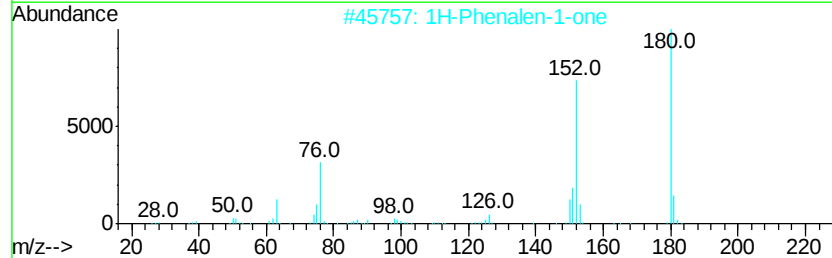
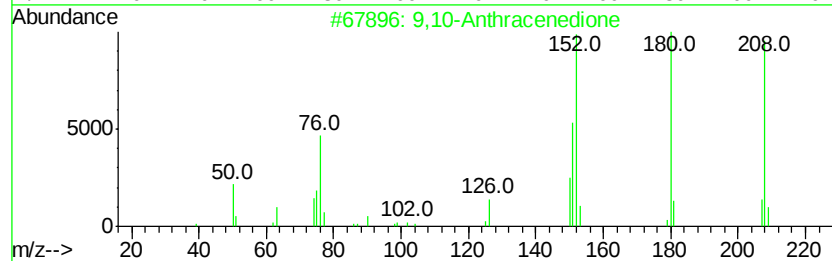
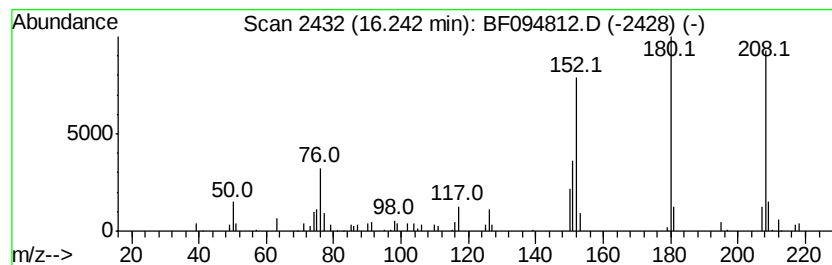
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	3.32 ng	125654	Phenanthrene-d10	14.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2		1H-Phenalen-1-one	180	C13H8O	000548-39-0	83
3		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	78
4		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
5		Diphenic anhydride	224	C14H8O3	006050-13-1	58



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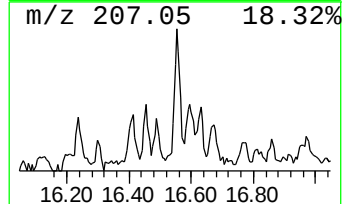
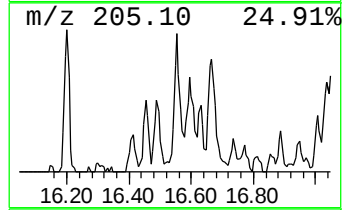
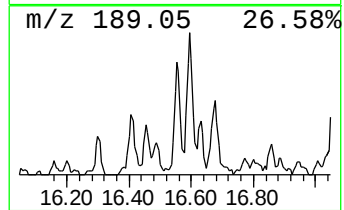
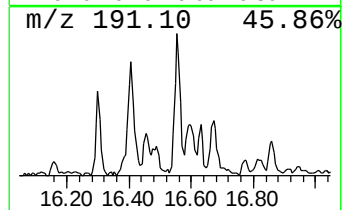
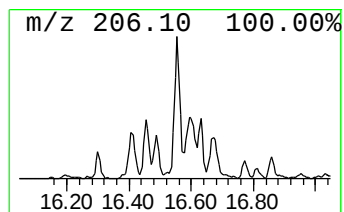
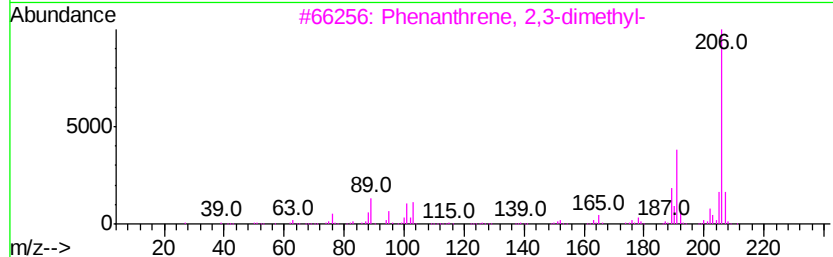
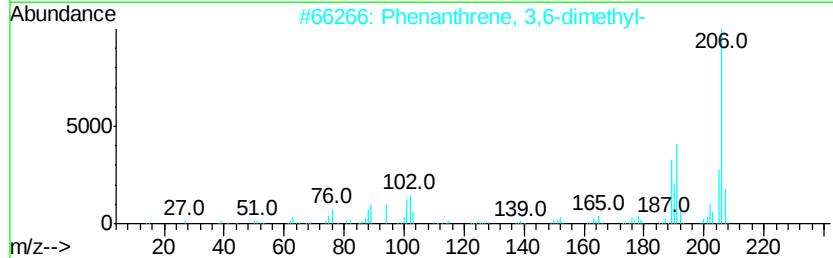
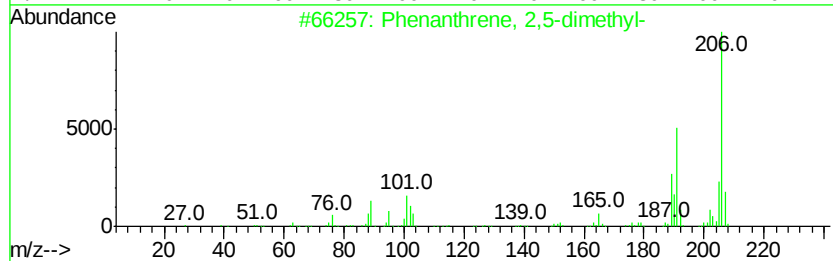
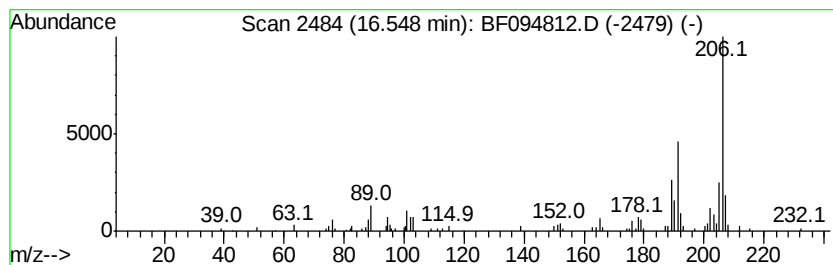
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.55	6.10 ng	230555	Phenanthrene-d10	14.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	9,10-Dimethylantracene	206	C16H14	000781-43-1	91



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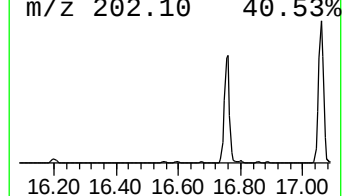
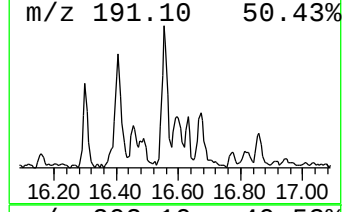
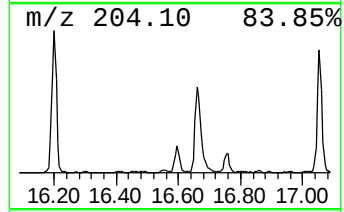
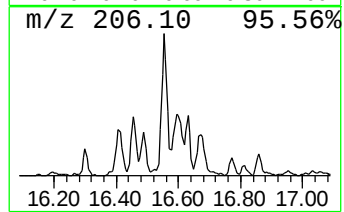
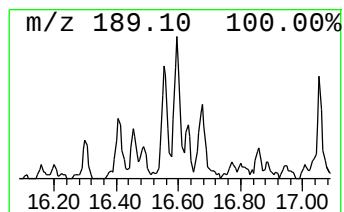
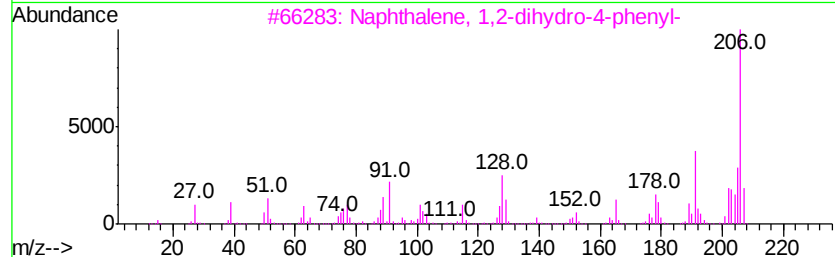
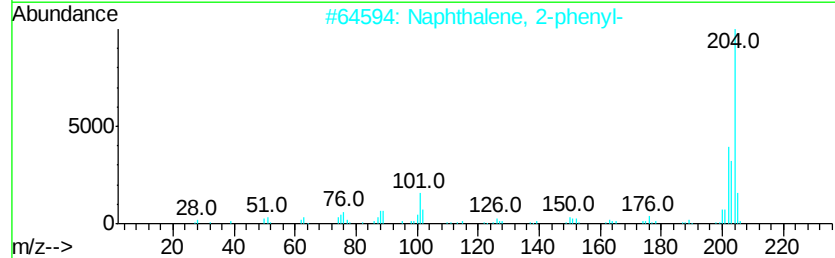
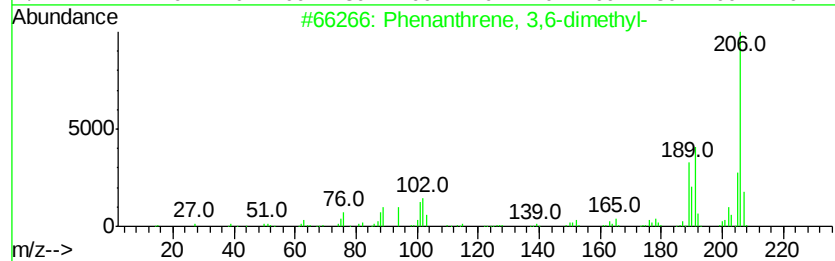
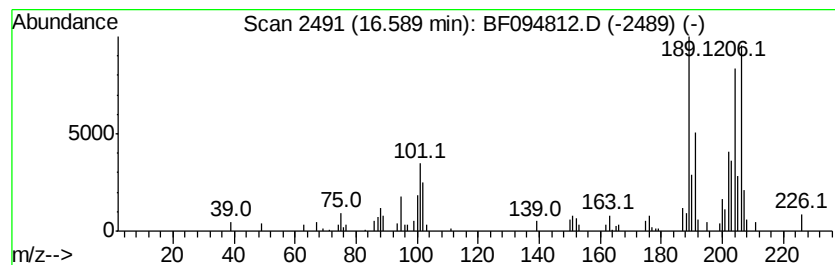
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	3.38 ng	127865	Phenanthrene-d10	14.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	66
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	35
3		Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	30
4		1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	30
5		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094812.D
Acq On : 3 May 2017 1:12
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ClientSampleId :
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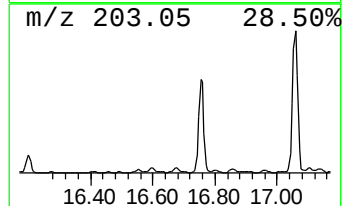
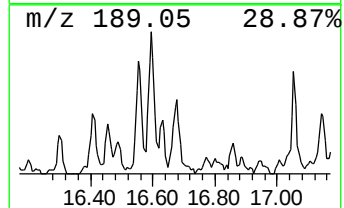
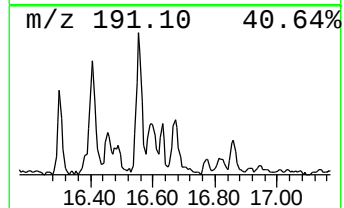
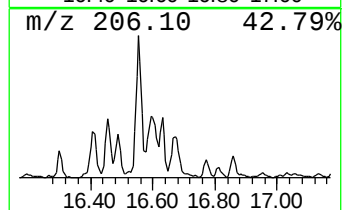
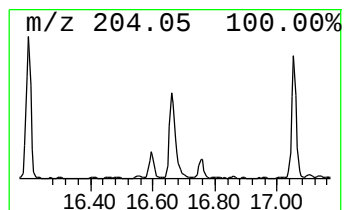
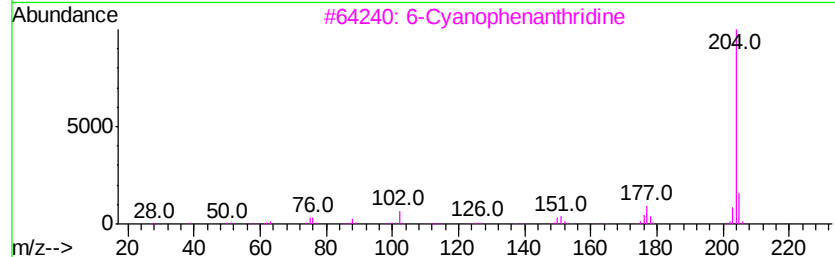
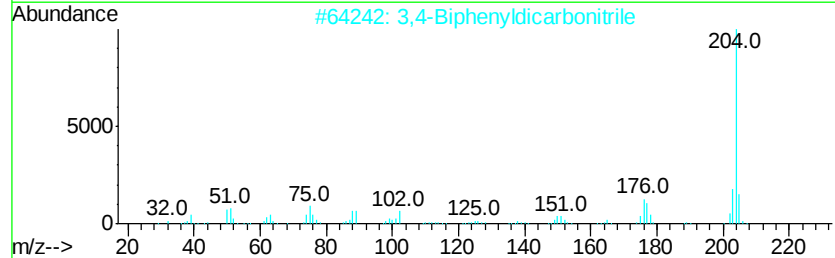
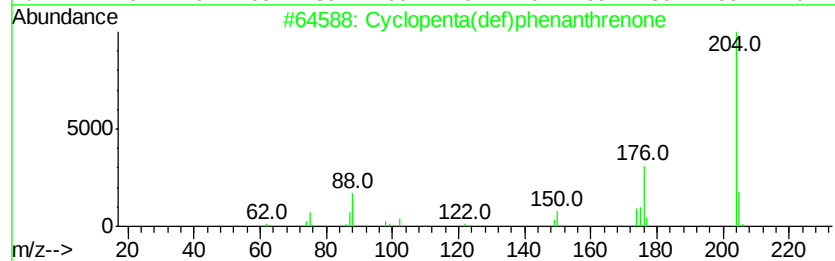
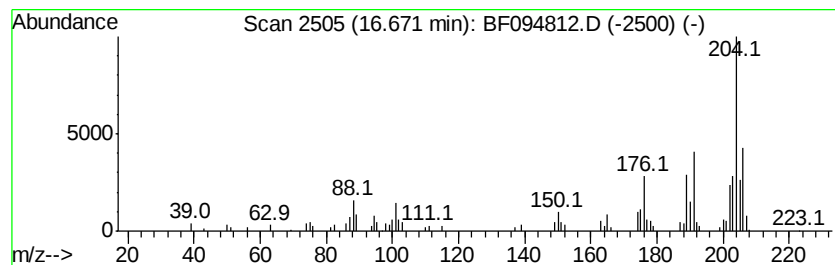
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	5.81 ng	219592	Phenanthrene-d10	14.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	64
3		6-Cyanophenanthridine	204	C14H8N2	002176-28-5	50
4		Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	47
5		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094812.D
Acq On : 3 May 2017 1:12
Operator : SJ/MA
Sample : I2919-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

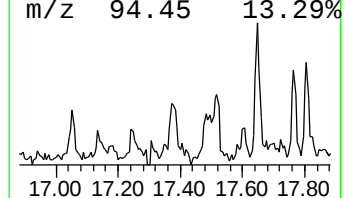
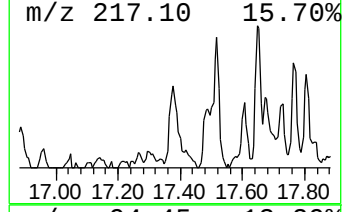
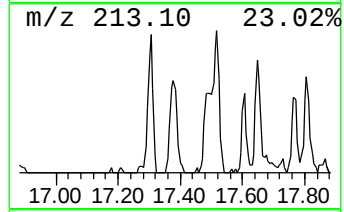
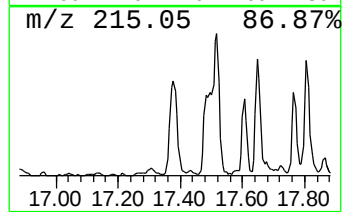
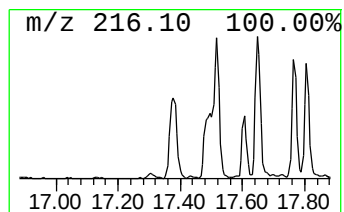
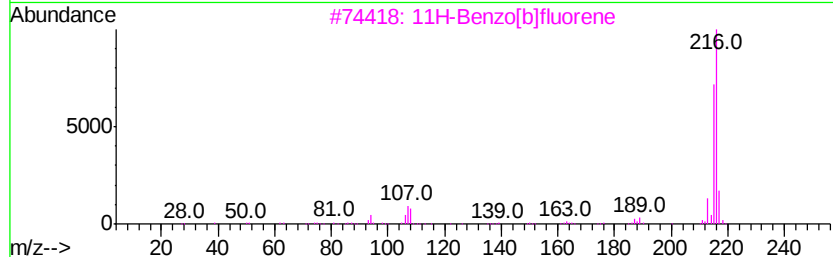
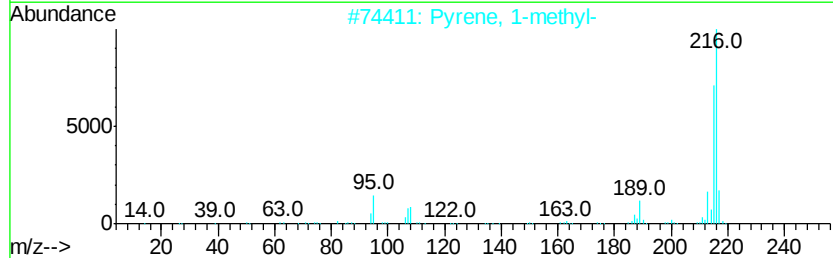
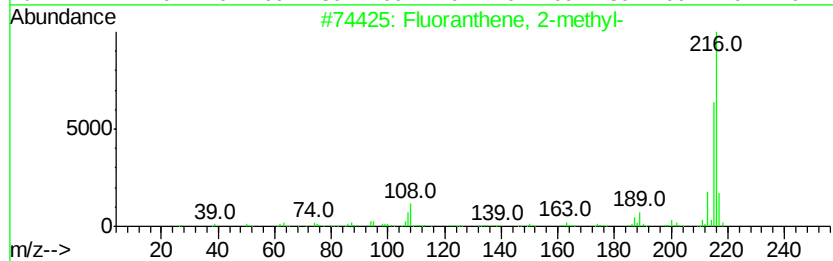
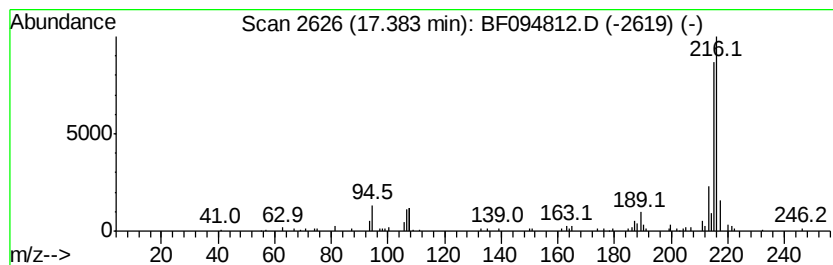
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	2.93 ng	200006	Chrysene-d12	18.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 95
2		Pyrene, 1-methyl-	216 C17H12	002381-21-7 94
3		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 90
4		Pyrene, 2-methyl-	216 C17H12	003442-78-2 86
5		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094812.D
Acq On : 3 May 2017 1:12
Operator : SJ/MA
Sample : I2919-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-COMP

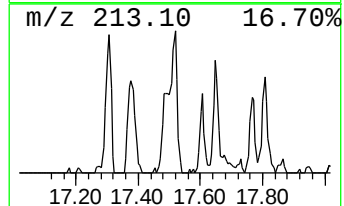
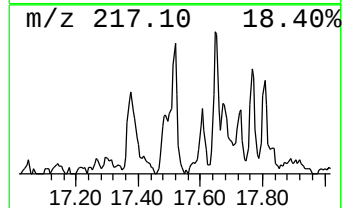
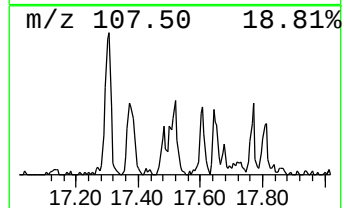
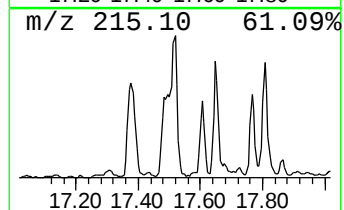
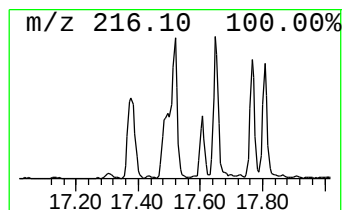
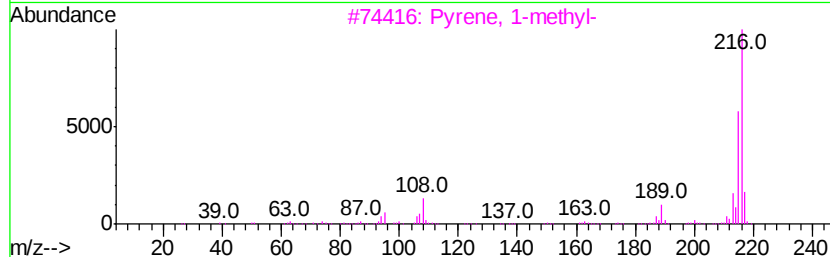
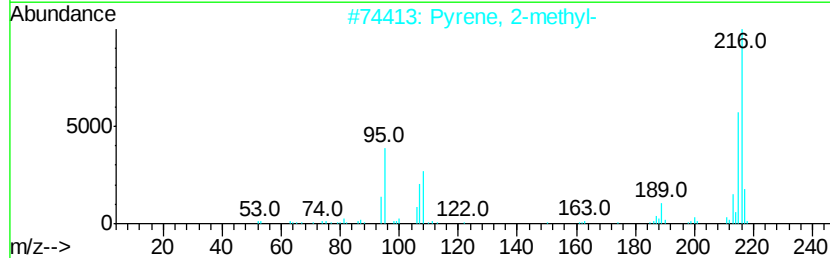
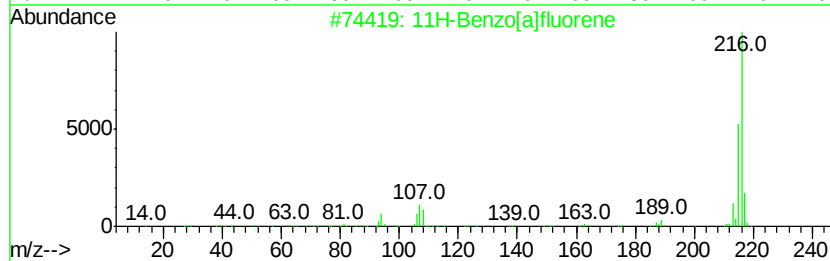
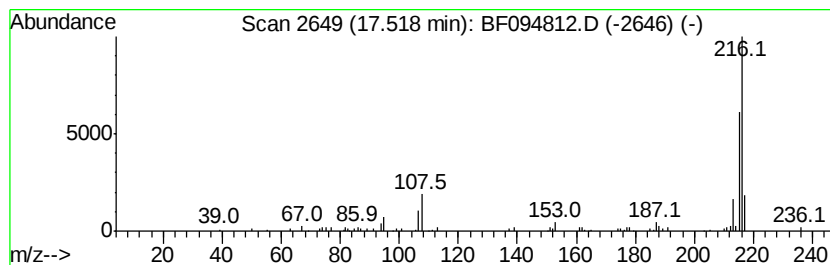
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	3.09 ng	210995	Chrysene-d12	18.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
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Acq On : 3 May 2017 1:12
Operator : SJ/MA
Sample : I2919-01
Misc :
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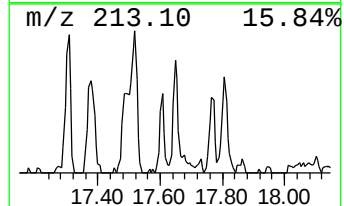
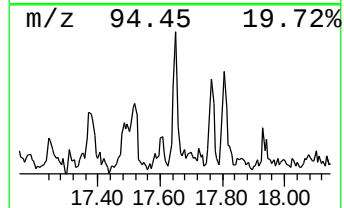
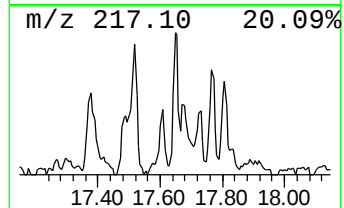
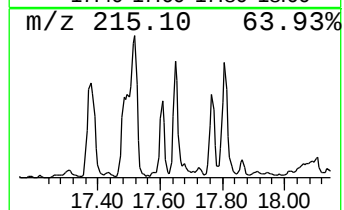
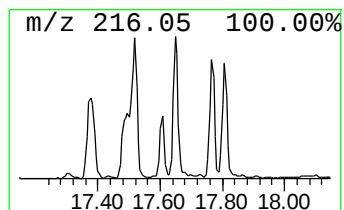
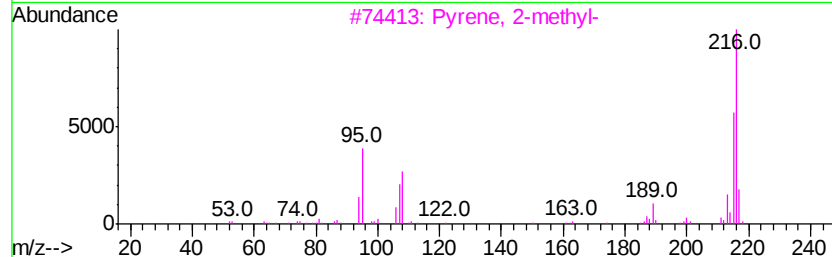
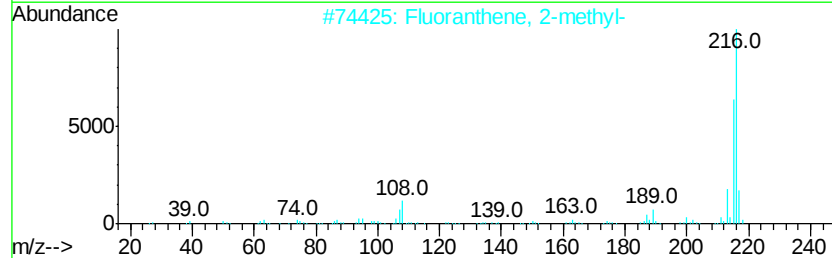
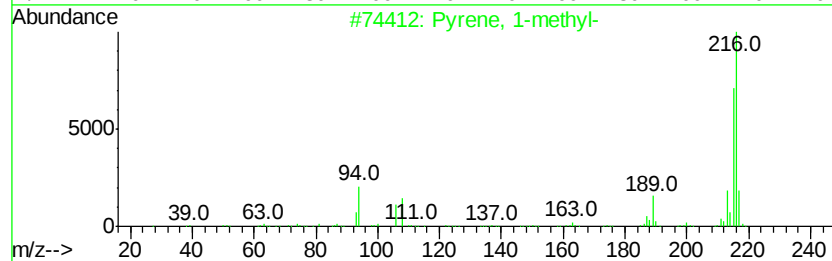
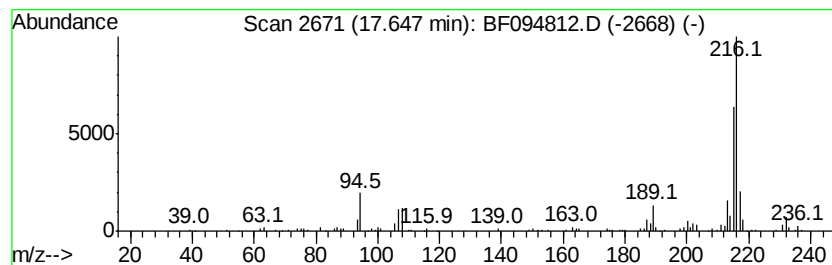
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	3.52 ng	240612	Chrysene-d12	18.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 98
2		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 96
3		Pyrene, 2-methyl-	216 C17H12	003442-78-2 93
4		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 87
5		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
Data File : BF094812.D
Acq On : 3 May 2017 1:12
Operator : SJ/MA
Sample : I2919-01
Misc :
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Instrument :
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ClientSampleId :
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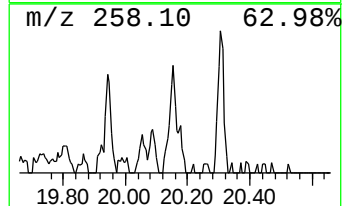
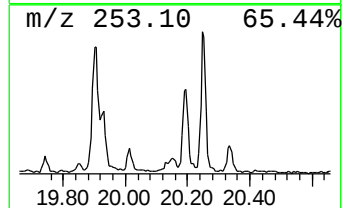
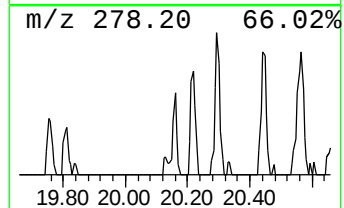
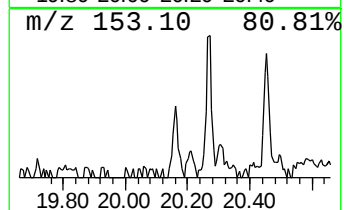
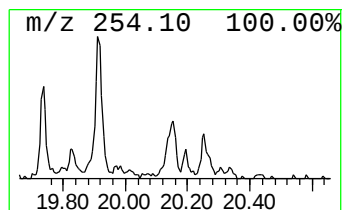
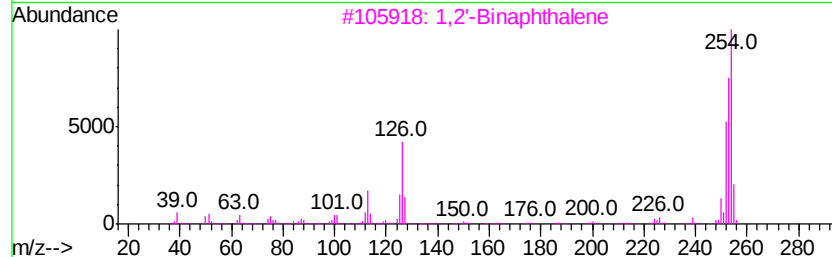
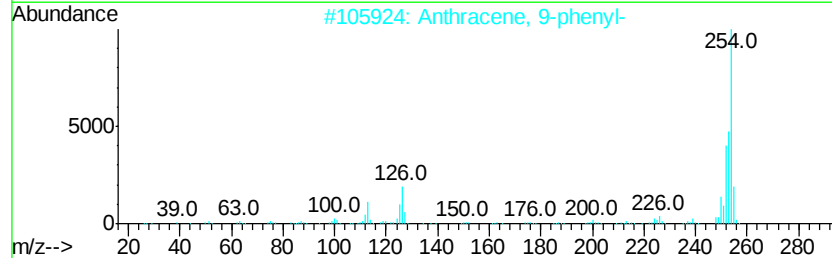
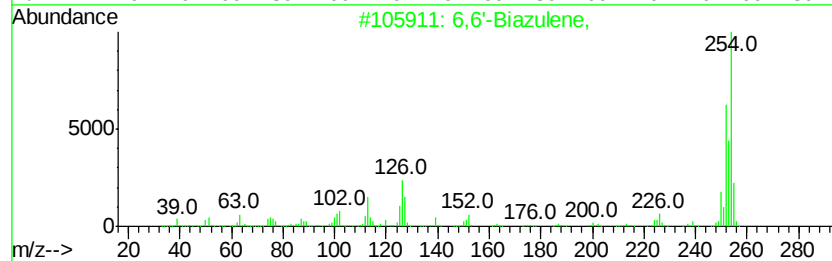
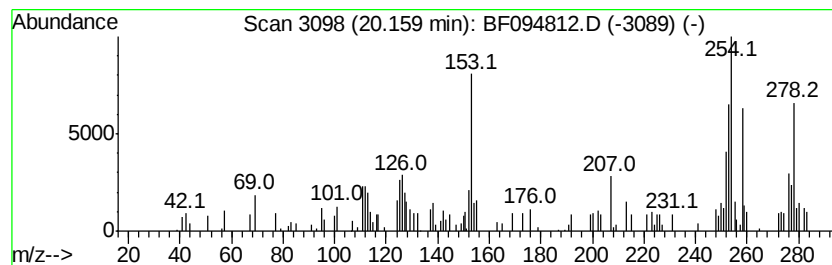
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown20.16 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	3.11 ng	92170	Perylene-d12	20.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6,6'-Biazulene,	254	C20H14	073393-11-0	20
2		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	18
3		1,2'-Binaphthalene	254	C20H14	004325-74-0	18
4		Benzo(a)pyrene, 7,8-dihydro-	254	C20H14	017573-23-8	18
5		Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094812.D
Acq On : 3 May 2017 1:12
Operator : SJ/MA
Sample : I2919-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TEST-PIT-COMP

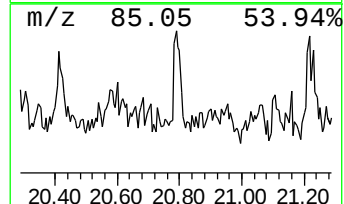
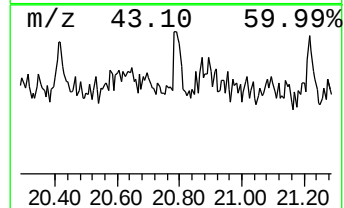
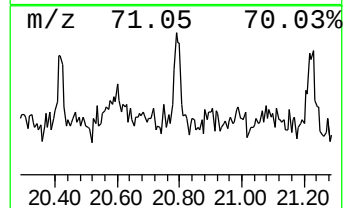
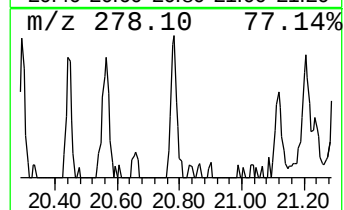
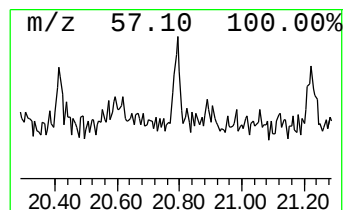
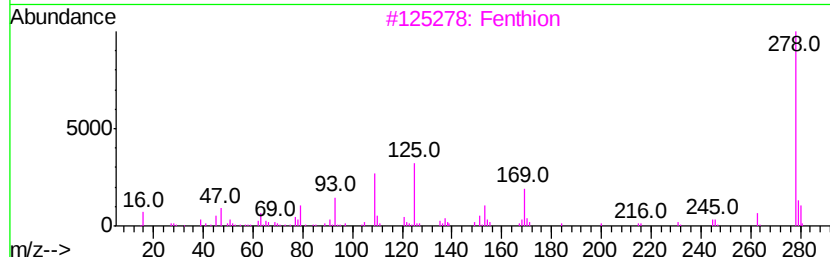
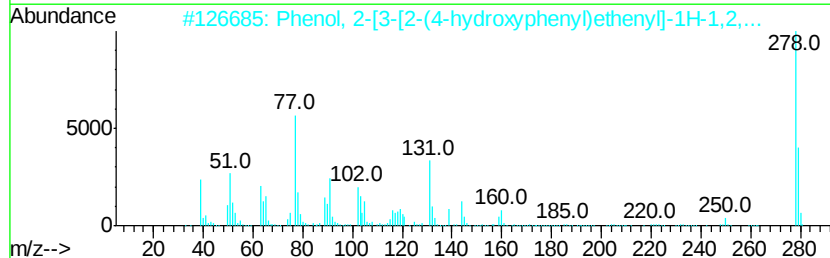
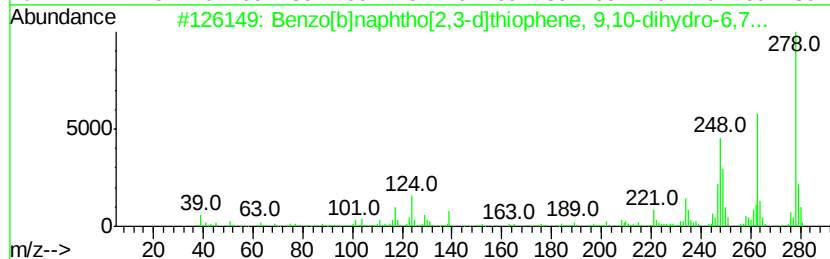
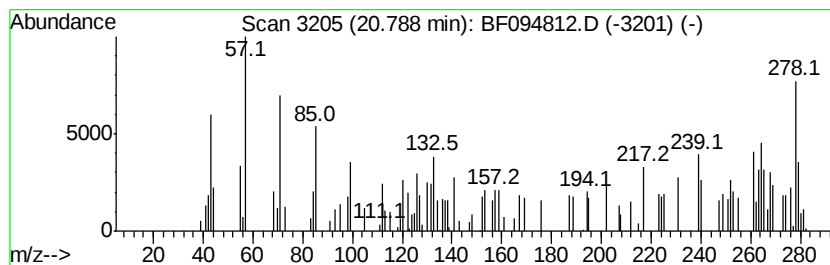
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown20.79 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	3.99 ng	118165	Perylene-d12	20.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,3-d]thiophene,...	278	C19H18S	024964-01-0	38
2		Phenol, 2-[3-[2-(4-hydroxyphenyl)...]	279	C16H13N3O2	1000362-51-6	14
3		Fenthion	278	C10H15O3PS2	000055-38-9	14
4		6-[3-(3-Allylsalicylidene)amino]-1...	278	C16H14N4O	339108-60-0	14
5		Benzo[4,5]furo[3,2-d]pyrimidin-4...	279	C16H10FN3O	1000294-28-0	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
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Acq On : 3 May 2017 1:12
Operator : SJ/MA
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
TEST-PIT-COMP

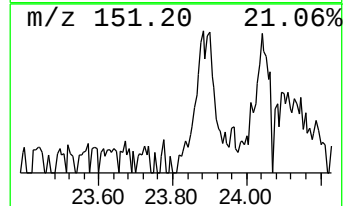
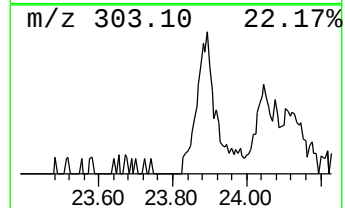
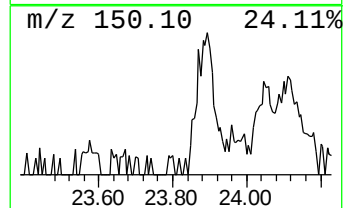
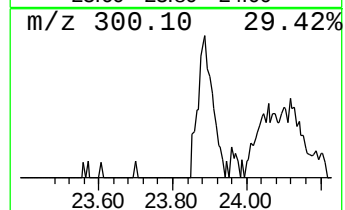
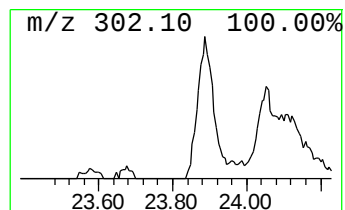
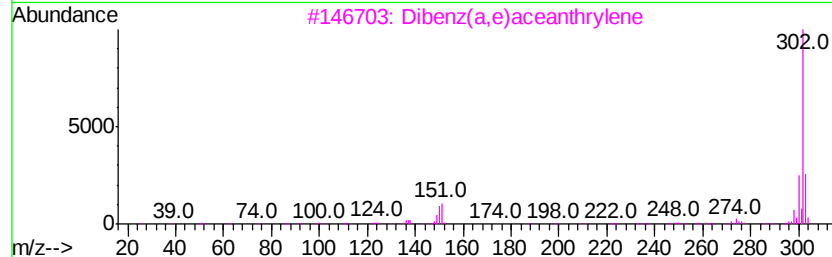
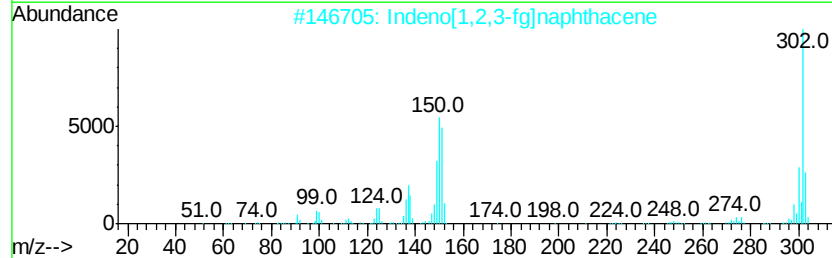
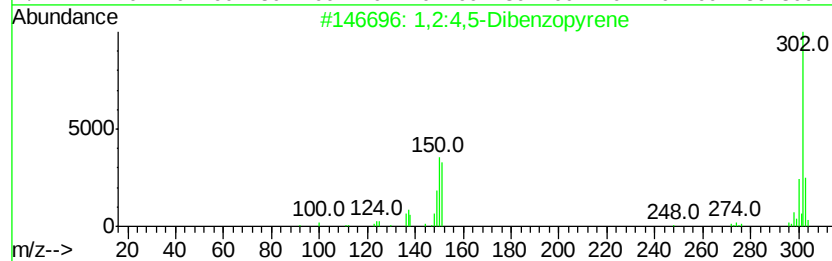
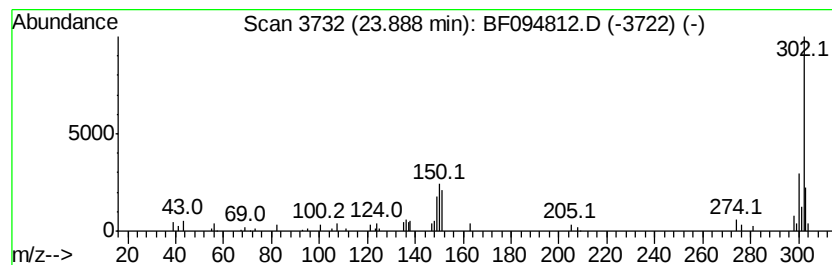
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1,2:4,5-Dibenzopyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	3.78 ng	111920	Perylene-d12	20.31

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	87
3			Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	81
4			Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	76
5			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
 Data File : BF094812.D
 Acq On : 3 May 2017 1:12
 Operator : SJ/MA
 Sample : I2919-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-COMP

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
2-Pentanone, 4-hy...	5.02	4.6 ng		124821	1	7.72	547823	20.0
unknown7.39	7.39	42.2 ng		1156410	1	7.72	547823	20.0
Phenanthrene, 1-m...	15.76	7.3 ng		274040	4	14.98	756146	20.0
Phenanthrene, 2-m...	15.79	9.0 ng		338722	4	14.98	756146	20.0
4H-Cyclopenta[def...	15.91	11.8 ng		446513	4	14.98	756146	20.0
Naphthalene, 2-ph...	16.20	6.0 ng		227231	4	14.98	756146	20.0
9,10-Anthracenedione	16.24	3.3 ng		125654	4	14.98	756146	20.0
Phenanthrene, 2,5...	16.55	6.1 ng		230555	4	14.98	756146	20.0
Phenanthrene, 3,6...	16.59	3.4 ng		127865	4	14.98	756146	20.0
Cyclopenta(def)ph...	16.67	5.8 ng		219592	4	14.98	756146	20.0
Fluoranthene, 2-m...	17.38	2.9 ng		200006	5	18.64	1365480	20.0
11H-Benzo[a]fluorene	17.52	3.1 ng		210995	5	18.64	1365480	20.0
Pyrene, 1-methyl-	17.65	3.5 ng		240612	5	18.64	1365480	20.0
unknown20.16	20.16	3.1 ng		92170	6	20.31	592243	20.0
unknown20.79	20.79	4.0 ng		118165	6	20.31	592243	20.0
1,2:4,5-Dibenzopy...	23.89	3.8 ng		111920	6	20.31	592243	20.0