

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
 Data File : BF095910.D
 Acq On : 14 Jun 2017 00:01
 Operator : SJ/MA
 Sample : I3634-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-KEARNY-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-BF060517.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	4.545	499	503	521	rBV	66170	197479	10.06%	0.628%
2	5.245	618	622	660	rBV	829046	1688890	86.00%	5.374%
3	6.916	902	906	917	rBV	970058	1585420	80.73%	5.045%
4	7.010	917	922	943	rVB	1279066	1963923	100.00%	6.249%
5	7.351	976	980	991	rBV	295792	387403	19.73%	1.233%
6	7.586	1015	1020	1038	rVB	1015769	1358644	69.18%	4.323%
7	8.269	1131	1136	1155	rBV	706244	1022422	52.06%	3.253%
8	8.739	1210	1216	1221	rVB	34562	41599	2.12%	0.132%
9	9.380	1320	1325	1329	rBV	417077	516870	26.32%	1.645%
10	9.416	1329	1331	1339	rVV	111742	153957	7.84%	0.490%
11	10.557	1521	1525	1532	rBV	19792	29677	1.51%	0.094%
12	11.163	1622	1628	1638	rBV	1454021	1792428	91.27%	5.703%
13	11.857	1741	1746	1753	rBV	185093	247986	12.63%	0.789%
14	11.980	1764	1767	1776	rVB2	17587	26779	1.36%	0.085%
15	12.198	1800	1804	1809	rBV2	377073	497554	25.33%	1.583%
16	12.251	1809	1813	1823	rVB2	82025	121074	6.16%	0.385%
17	12.551	1856	1864	1867	rBV	34560	52322	2.66%	0.166%
18	13.057	1943	1950	1953	rBV2	33626	48285	2.46%	0.154%
19	13.098	1953	1957	1967	rVV	82226	113073	5.76%	0.360%
20	13.374	1999	2004	2008	rBV2	25402	36404	1.85%	0.116%
21	13.498	2020	2025	2035	rBV	627471	883144	44.97%	2.810%
22	13.833	2078	2082	2088	rBV3	32013	61005	3.11%	0.194%
23	13.998	2103	2110	2113	rBV	26246	45168	2.30%	0.144%
24	14.033	2113	2116	2121	rVB4	14832	27355	1.39%	0.087%
25	14.227	2144	2149	2151	rBV3	25089	35611	1.81%	0.113%
26	14.333	2163	2167	2171	rBV	21394	28161	1.43%	0.090%
27	14.398	2171	2178	2180	rVV2	22963	43665	2.22%	0.139%
28	14.427	2180	2183	2188	rVB	44267	59754	3.04%	0.190%
29	14.562	2202	2206	2208	rBV2	23070	25780	1.31%	0.082%
30	14.598	2208	2212	2215	rVV2	333199	445071	22.66%	1.416%
31	14.633	2215	2218	2227	rVB	749165	927438	47.22%	2.951%
32	14.721	2228	2233	2243	rVB	237718	322025	16.40%	1.025%
33	14.821	2245	2250	2254	rBV4	33536	66756	3.40%	0.212%
34	15.033	2283	2286	2289	rBV	33075	42167	2.15%	0.134%

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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.098	2295	2297	2300	rVB	25701	23669	1.21%	0.075%
36	15.139	2300	2304	2309	rBV6	23659	37415	1.91%	0.119%
37	15.245	2319	2322	2323	rBV3	20755	22545	1.15%	0.072%
38	15.403	2345	2349	2352	rBV	121704	133007	6.77%	0.423%
39	15.445	2352	2356	2362	rVV	162825	188184	9.58%	0.599%
40	15.515	2365	2368	2371	rVV	78700	95987	4.89%	0.305%
41	15.551	2371	2374	2379	rVV2	181367	281215	14.32%	0.895%
42	15.598	2379	2382	2384	rVV	92967	129682	6.60%	0.413%
43	15.621	2384	2386	2394	rVB2	125800	157667	8.03%	0.502%
44	15.856	2422	2426	2434	rVB	131214	170148	8.66%	0.541%
45	15.921	2434	2437	2441	rBV4	27435	34069	1.73%	0.108%
46	16.074	2458	2463	2466	rVB5	48592	70953	3.61%	0.226%
47	16.115	2467	2470	2473	rBV	38478	41048	2.09%	0.131%
48	16.215	2483	2487	2491	rBV	115808	139803	7.12%	0.445%
49	16.256	2491	2494	2498	rVV3	59194	91415	4.65%	0.291%
50	16.292	2498	2500	2504	rVB	36153	40771	2.08%	0.130%
51	16.339	2504	2508	2513	rVB3	75178	107001	5.45%	0.340%
52	16.427	2515	2523	2527	rBV	1356296	1724087	87.79%	5.486%
53	16.462	2527	2529	2534	rVB3	42209	52722	2.68%	0.168%
54	16.521	2534	2539	2543	rBV4	53043	96240	4.90%	0.306%
55	16.615	2551	2555	2563	rBV3	57661	104543	5.32%	0.333%
56	16.727	2567	2574	2578	rBV	1435479	1793628	91.33%	5.707%
57	16.768	2578	2581	2584	rVV	61077	75321	3.84%	0.240%
58	16.809	2584	2588	2591	rVV2	49281	82933	4.22%	0.264%
59	16.845	2591	2594	2602	rVB2	31887	60352	3.07%	0.192%
60	16.915	2602	2606	2609	rBV2	116249	131652	6.70%	0.419%
61	16.974	2611	2616	2622	rVB	1088719	1273597	64.85%	4.052%
62	17.027	2622	2625	2626	rBV	36270	31729	1.62%	0.101%
63	17.050	2626	2629	2636	rVB2	82222	122431	6.23%	0.390%
64	17.162	2641	2648	2650	rVV4	110263	223500	11.38%	0.711%
65	17.192	2650	2653	2659	rVB	292541	350588	17.85%	1.116%
66	17.280	2664	2668	2672	rVB	261567	280056	14.26%	0.891%
67	17.327	2672	2676	2681	rBV4	168910	290230	14.78%	0.923%
68	17.439	2692	2695	2699	rVB	85338	93806	4.78%	0.298%
69	17.480	2699	2702	2707	rBV	52777	63888	3.25%	0.203%
70	17.833	2759	2762	2767	rBV4	58334	80081	4.08%	0.255%
71	17.997	2787	2790	2792	rBV	89410	86015	4.38%	0.274%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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72	18.027	2792	2795	2797	rVB	125415	118098	6.01%	0.376%
73	18.056	2797	2800	2803	rBV	83169	88328	4.50%	0.281%
74	18.097	2804	2807	2812	rVB	96326	111772	5.69%	0.356%
75	18.162	2816	2818	2821	rVB	40069	34898	1.78%	0.111%
76	18.233	2825	2830	2835	rBV3	84392	188475	9.60%	0.600%
77	18.315	2839	2844	2848	rBV2	906195	1457236	74.20%	4.637%
78	18.356	2848	2851	2856	rVB	731689	812040	41.35%	2.584%
79	18.444	2863	2866	2870	rVB	165959	196443	10.00%	0.625%
80	18.603	2890	2893	2898	rVB2	83750	104464	5.32%	0.332%
81	18.644	2898	2900	2908	rVB3	81722	106384	5.42%	0.339%
82	18.827	2928	2931	2935	rVV	171049	165370	8.42%	0.526%
83	18.868	2935	2938	2942	rVB3	90813	105951	5.39%	0.337%
84	18.939	2947	2950	2953	rVB2	84550	91783	4.67%	0.292%
85	18.974	2953	2956	2958	rBV3	50544	60532	3.08%	0.193%
86	19.003	2958	2961	2964	rVB2	58642	62607	3.19%	0.199%
87	19.433	3031	3034	3038	rBV2	56126	62457	3.18%	0.199%
88	19.591	3056	3061	3064	rBV	695298	982569	50.03%	3.126%
89	19.615	3064	3065	3071	rVB	308819	252164	12.84%	0.802%
90	19.697	3076	3079	3084	rVB	130374	139889	7.12%	0.445%
91	19.774	3090	3092	3097	rBV4	49401	75235	3.83%	0.239%
92	19.880	3106	3110	3113	rVB	402157	412898	21.02%	1.314%
93	19.939	3116	3120	3125	rVB	620383	626220	31.89%	1.993%
94	19.991	3126	3129	3132	rVV	236778	253330	12.90%	0.806%
95	20.021	3132	3134	3138	rVB	124821	125369	6.38%	0.399%
96	21.162	3323	3328	3335	rVB	270824	458397	23.34%	1.459%
97	21.291	3347	3350	3354	rBV	53070	75244	3.83%	0.239%
98	21.497	3380	3385	3391	rBV	188644	352164	17.93%	1.121%
99	21.697	3415	3419	3424	rBV	52797	105032	5.35%	0.334%
100	23.191	3669	3673	3682	rVB	54040	125082	6.37%	0.398%

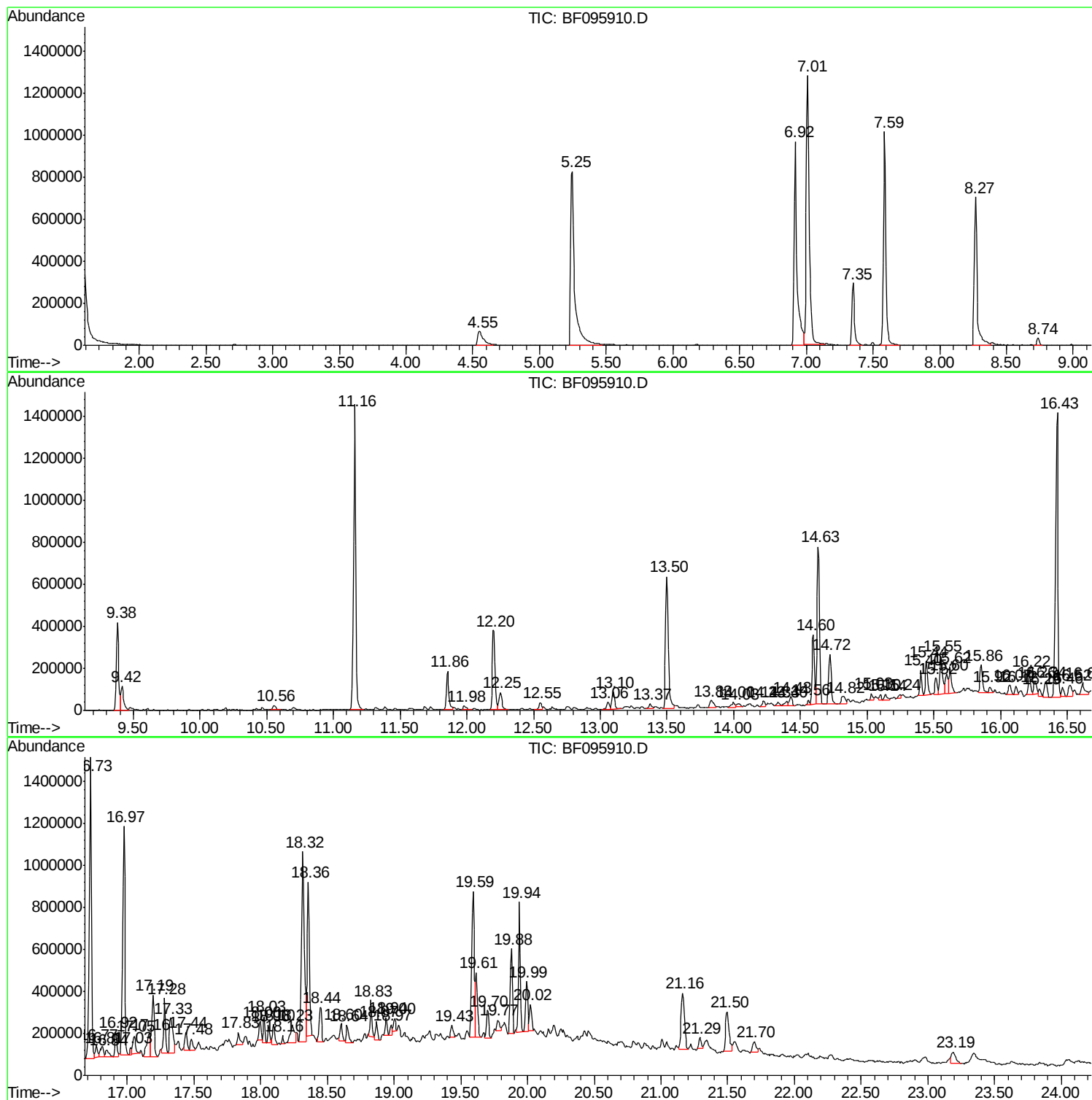
Sum of corrected areas: 31427698

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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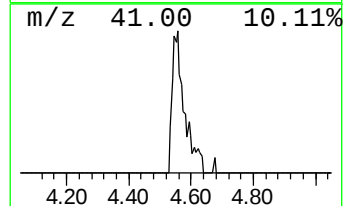
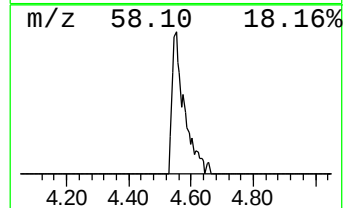
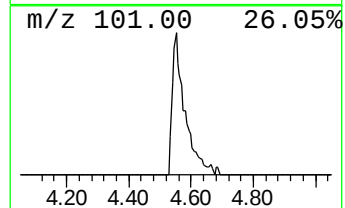
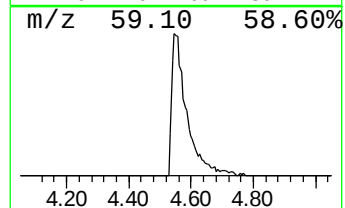
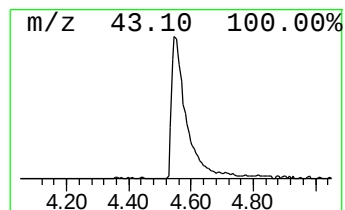
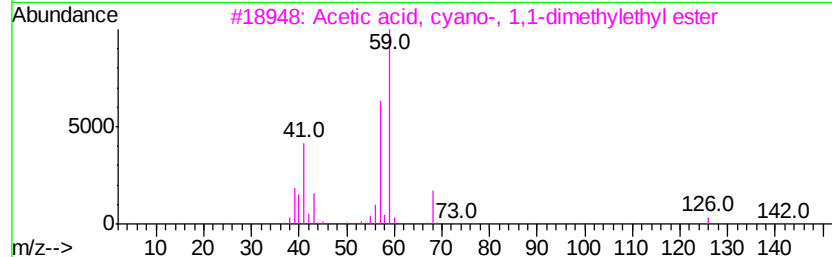
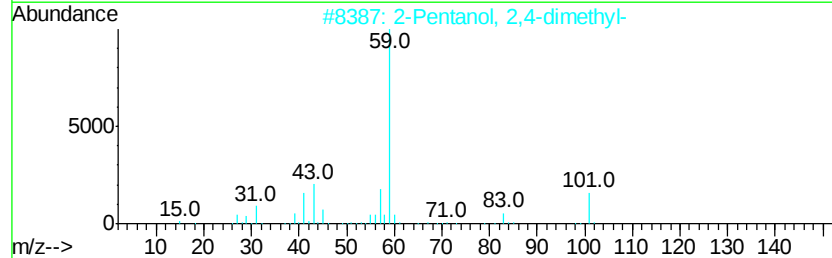
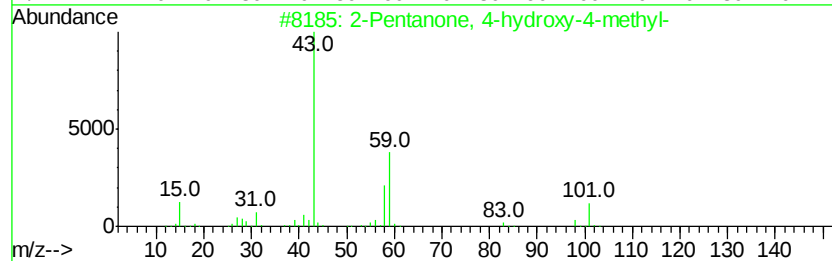
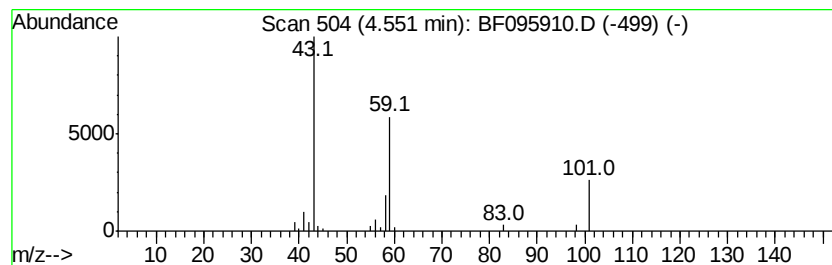
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	10.20 ng	197479	1,4-Dichlorobenzene-d4	7.35

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	25
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4		Acetone	58	C3H6O	000067-64-1	10
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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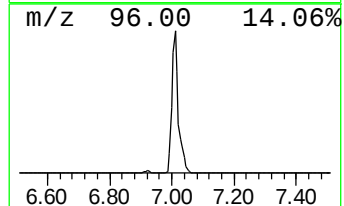
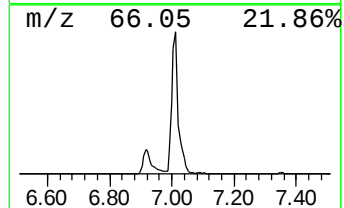
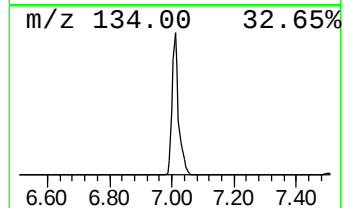
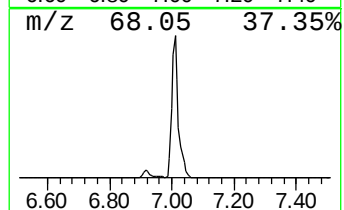
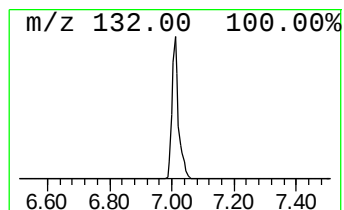
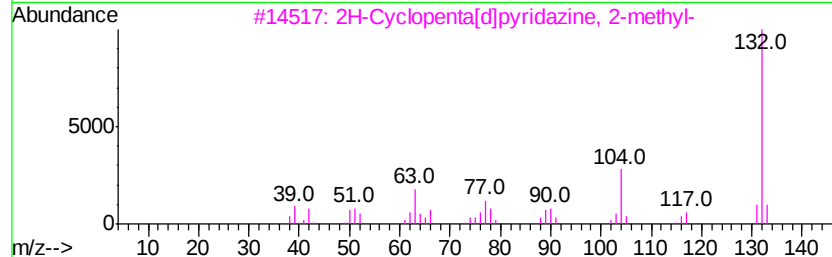
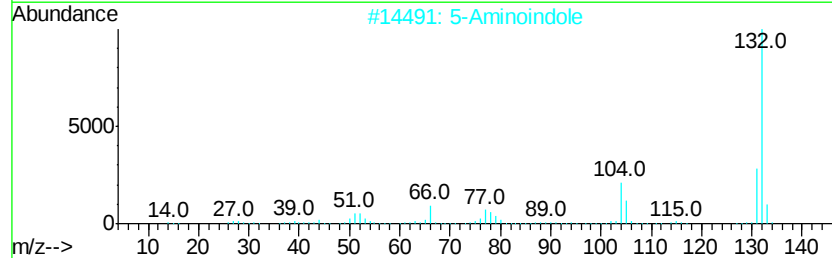
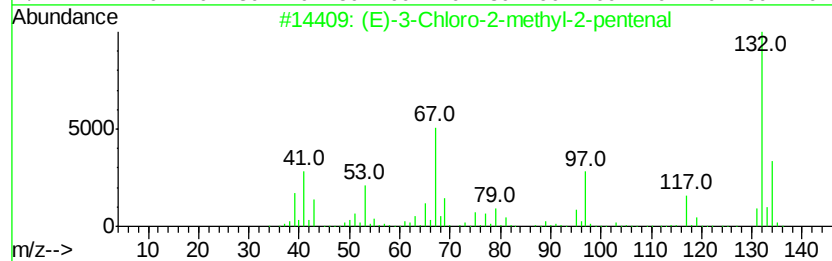
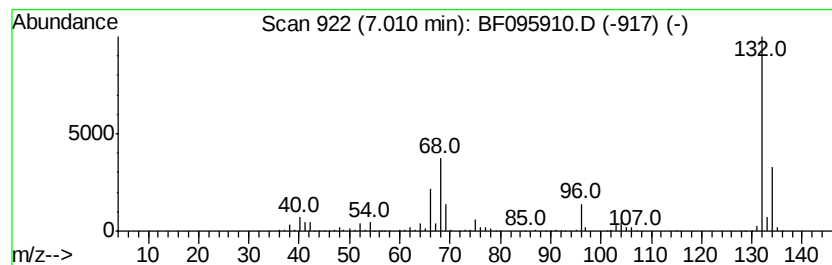
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	101.39 ng	1963920	1,4-Dichlorobenzene-d4	7.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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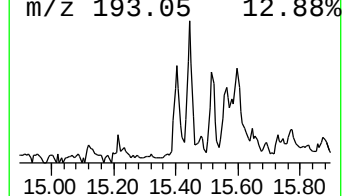
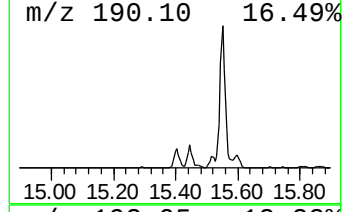
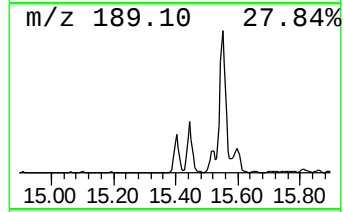
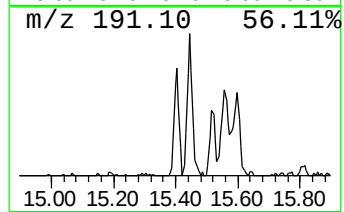
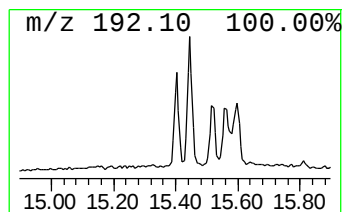
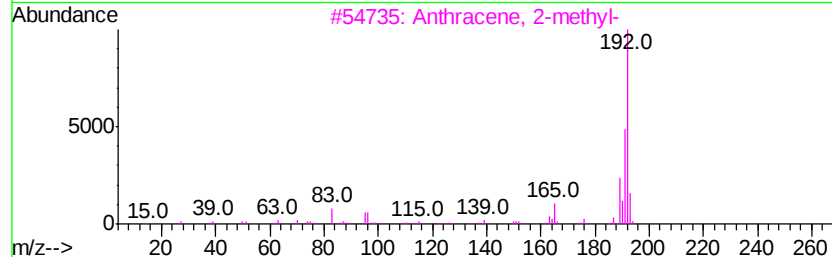
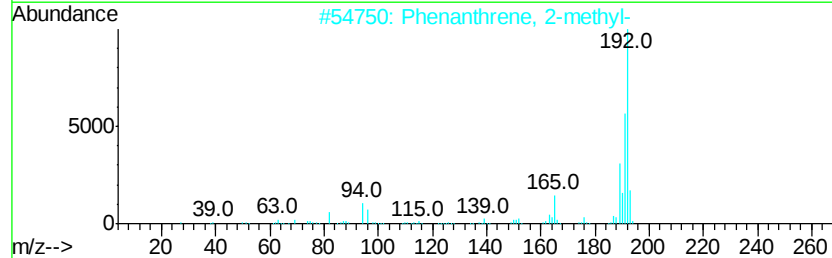
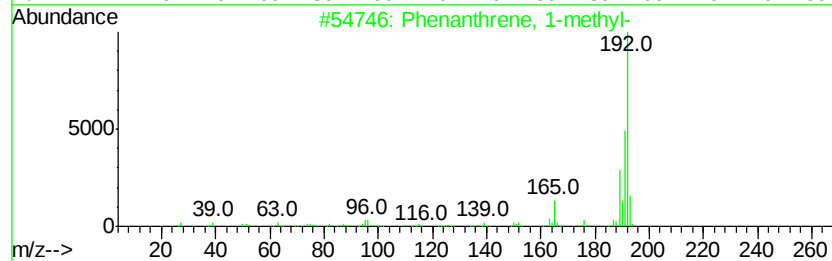
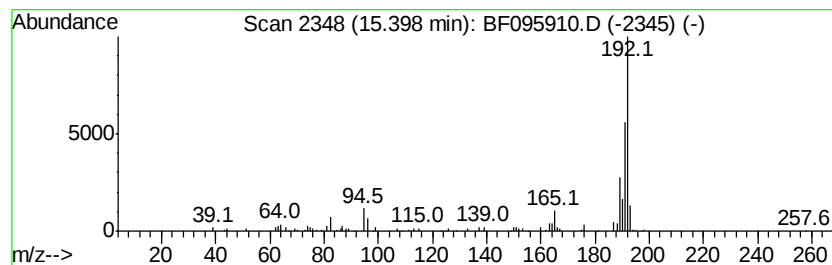
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	5.98 ng	133007	Phenanthrene-d10	14.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061317\
Data File : BF095910.D
Acq On : 14 Jun 2017 00:01
Operator : SJ/MA
Sample : I3634-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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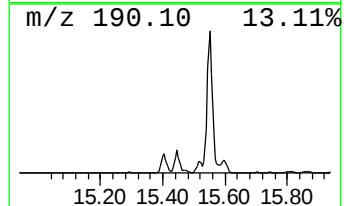
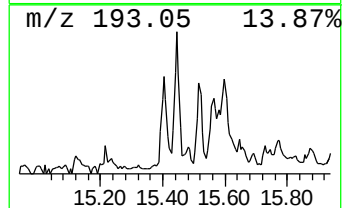
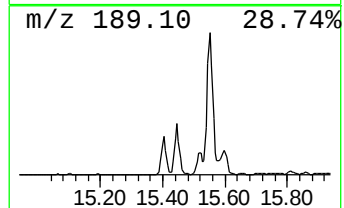
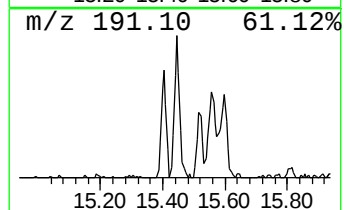
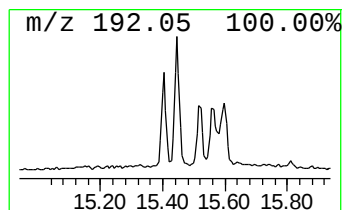
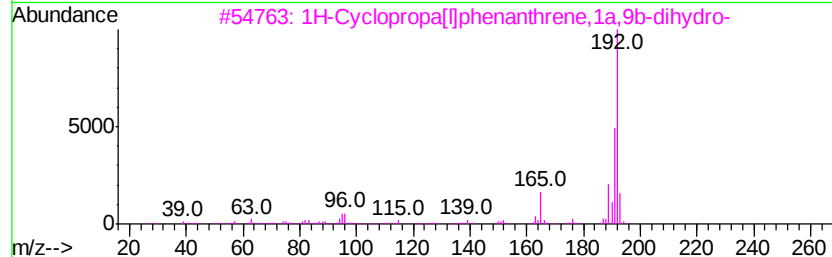
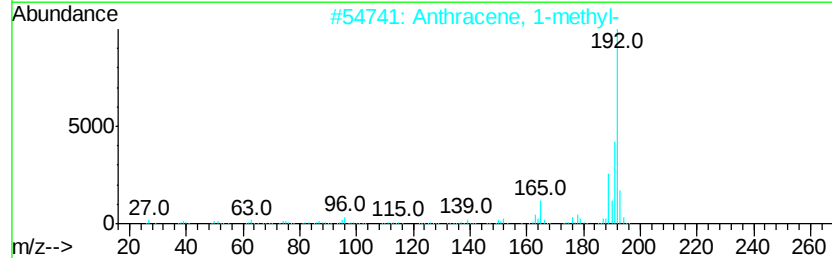
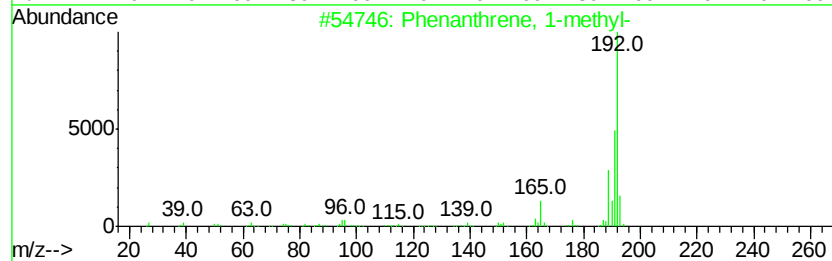
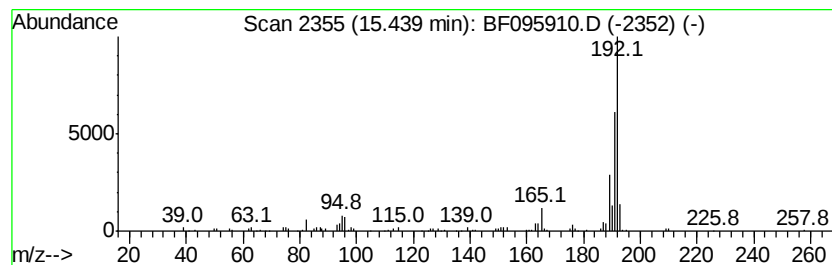
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	8.46 ng	188184	Phenanthrene-d10	14.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3		1H-Cyclopropa[l]phenanthrene, 1a,...	192	C15H12	000949-41-7	92
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	90
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061317\
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Acq On : 14 Jun 2017 00:01
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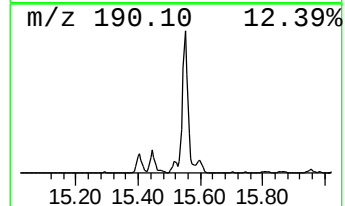
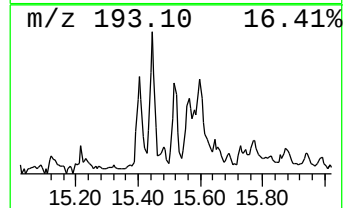
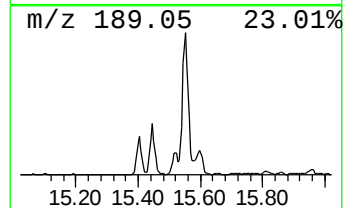
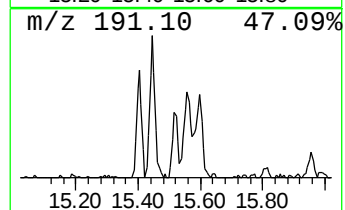
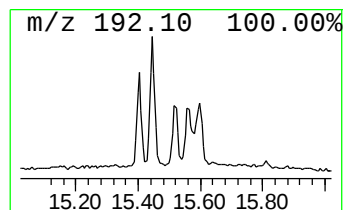
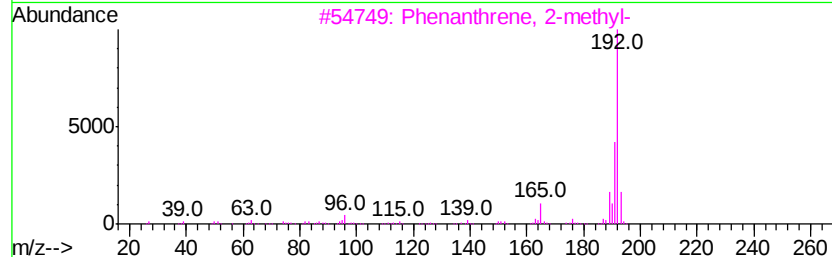
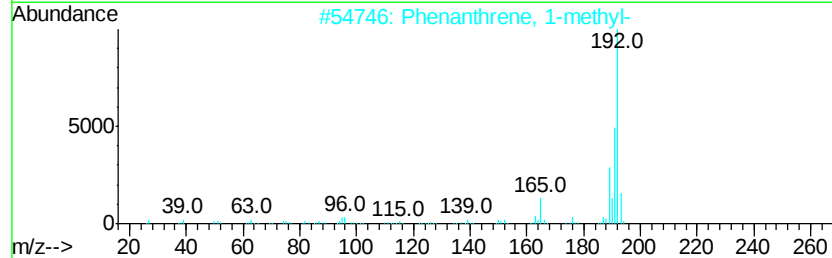
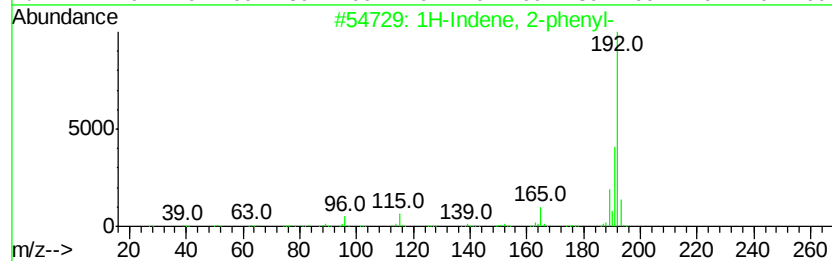
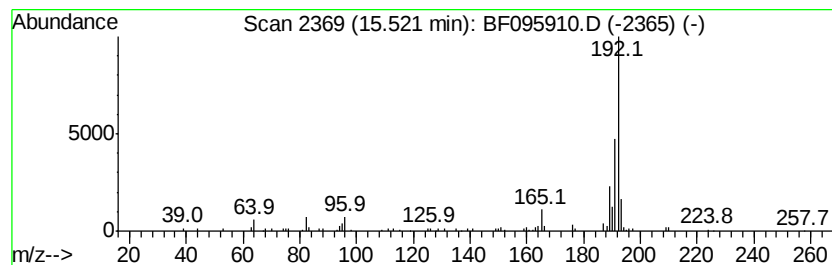
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1H-Indene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	4.31 ng	95987	Phenanthrene-d10	14.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	91
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061317\
Data File : BF095910.D
Acq On : 14 Jun 2017 00:01
Operator : SJ/MA
Sample : I3634-01
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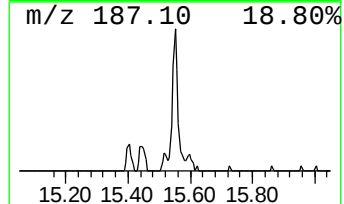
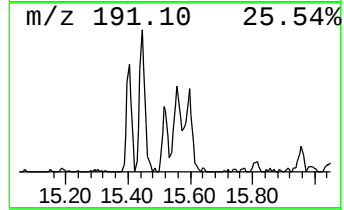
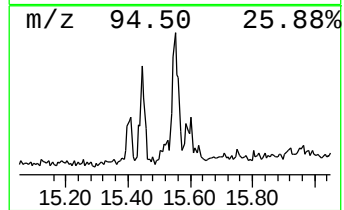
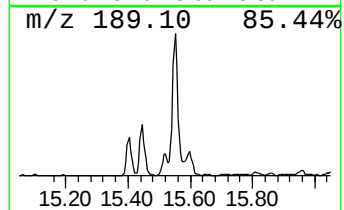
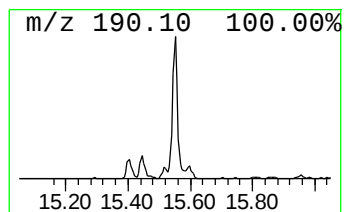
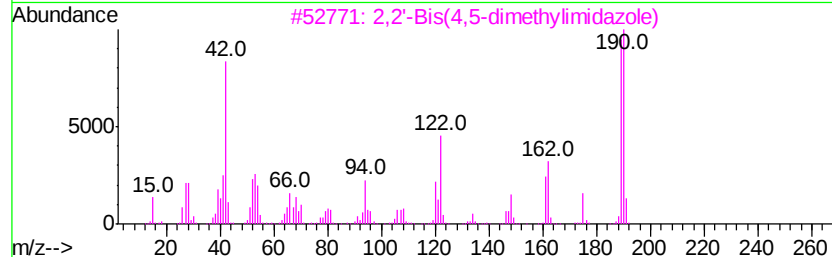
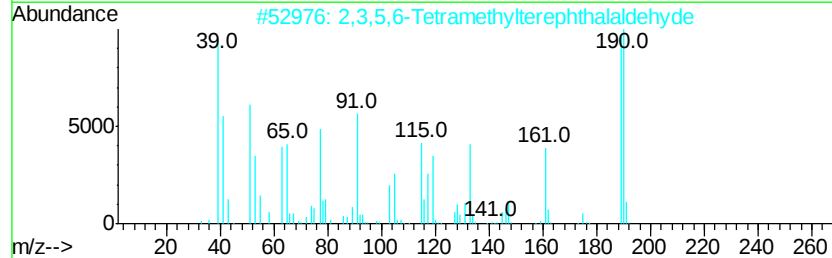
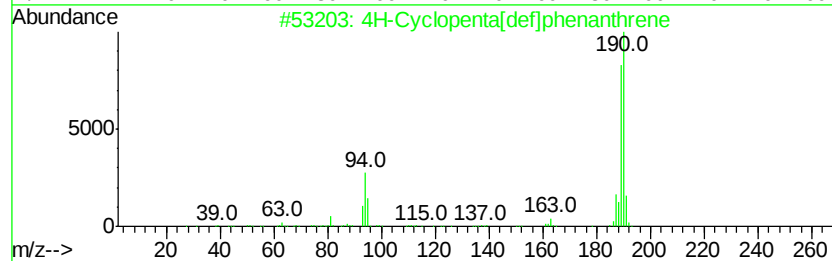
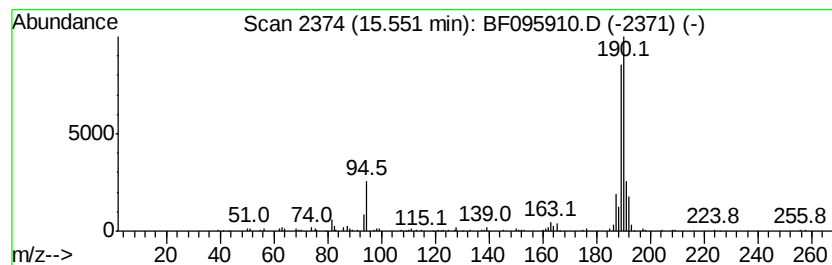
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	12.64 ng	281215	Phenanthrene-d10	14.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	52
3		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50
4		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	32
5		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	23



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061317\
Data File : BF095910.D
Acq On : 14 Jun 2017 00:01
Operator : SJ/MA
Sample : I3634-01
Misc :
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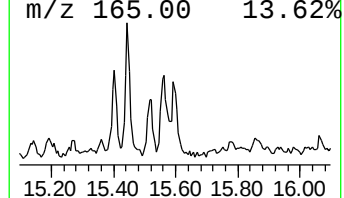
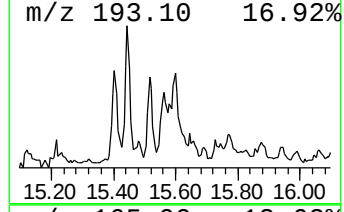
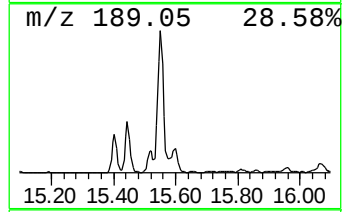
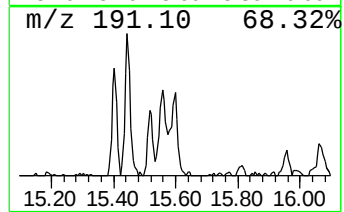
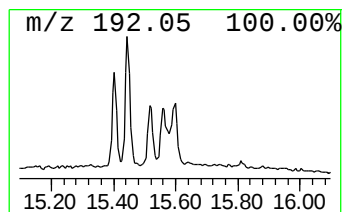
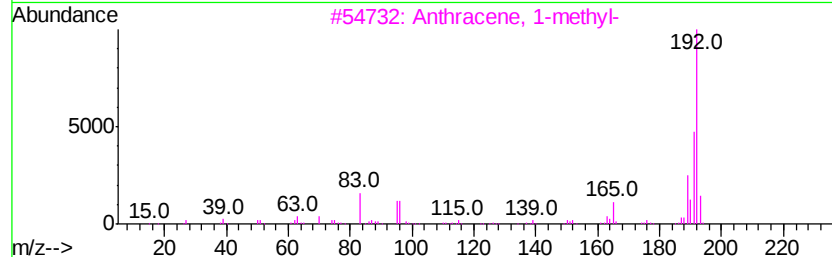
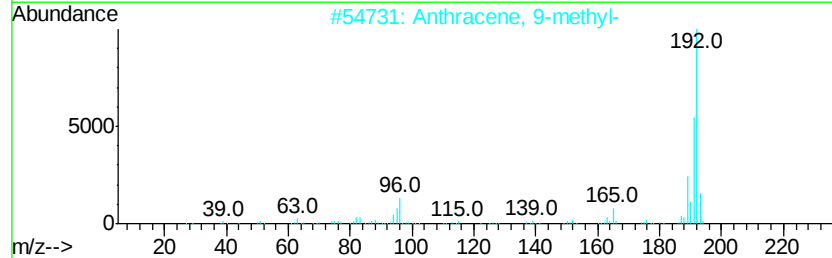
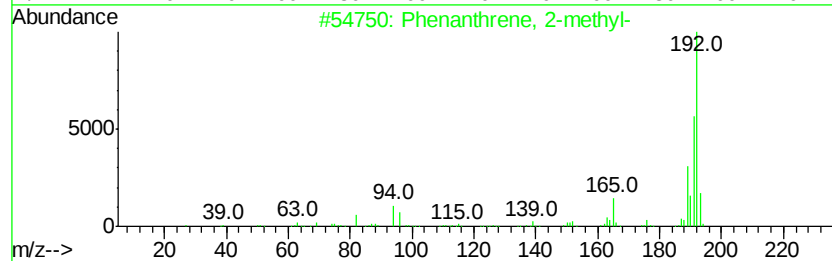
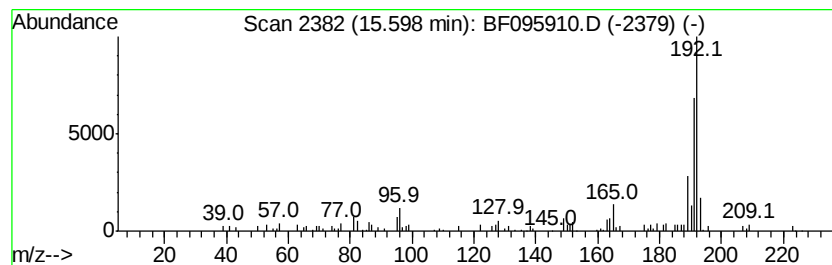
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.60	5.83 ng	129682	Phenanthrene-d10		14.60
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061317\
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Acq On : 14 Jun 2017 00:01
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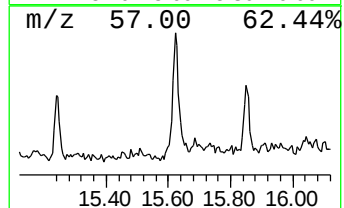
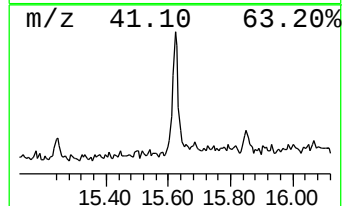
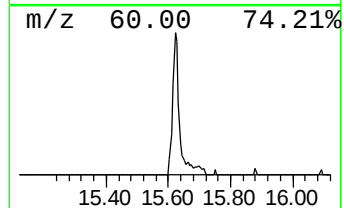
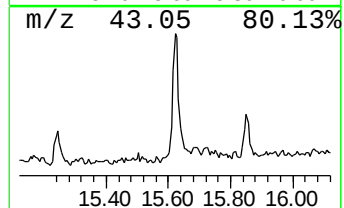
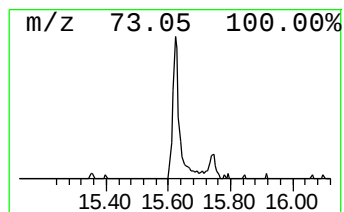
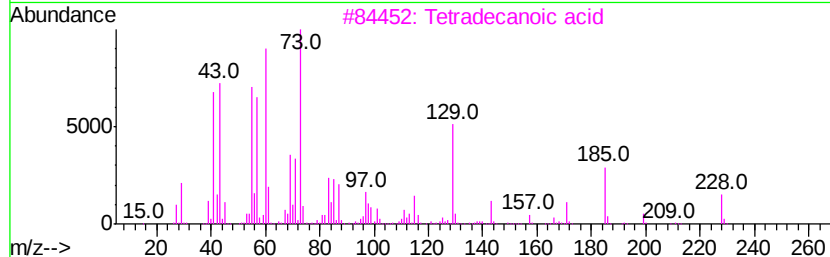
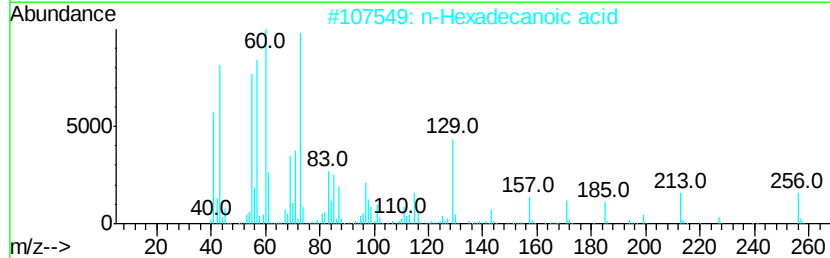
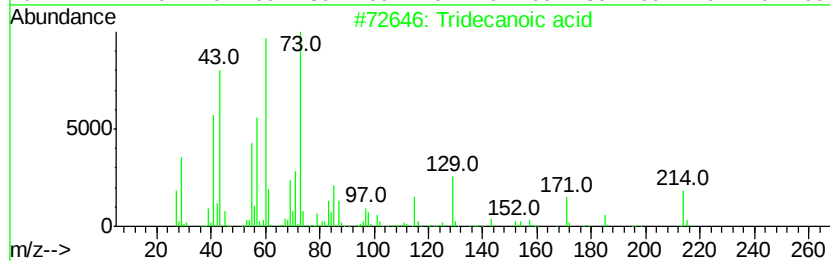
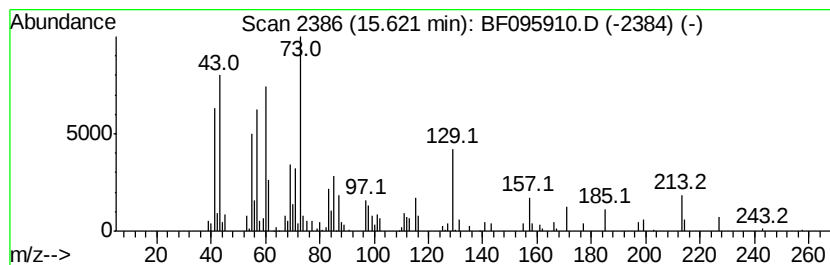
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.62	7.09 ng	157667	Phenanthrene-d10	14.60	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	90
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061317\
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ClientSampleId :
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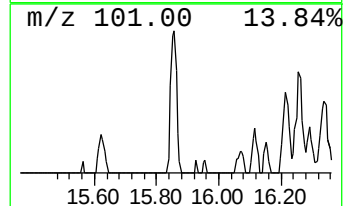
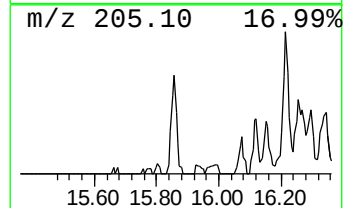
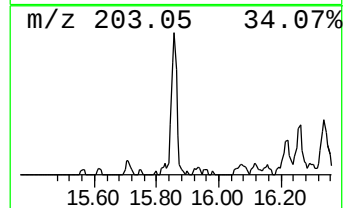
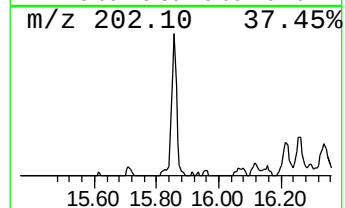
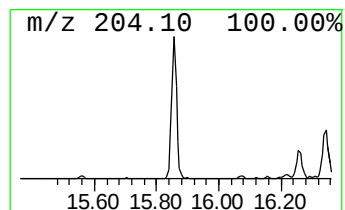
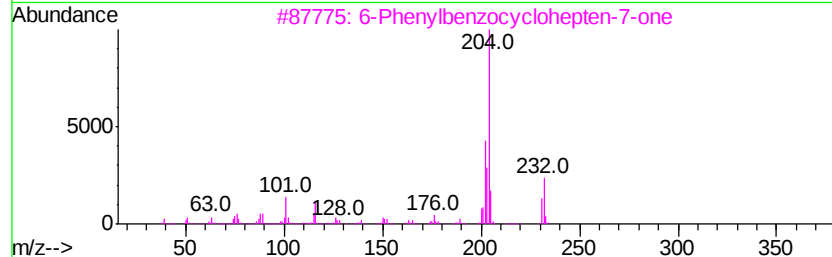
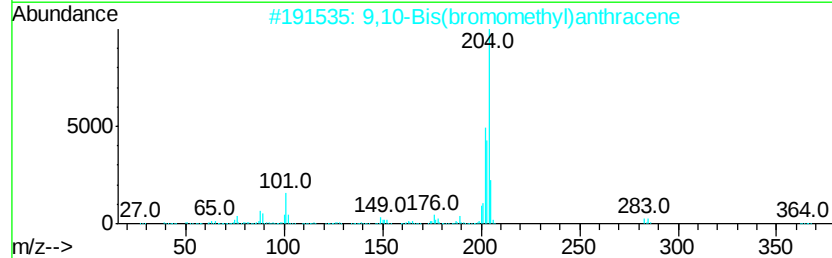
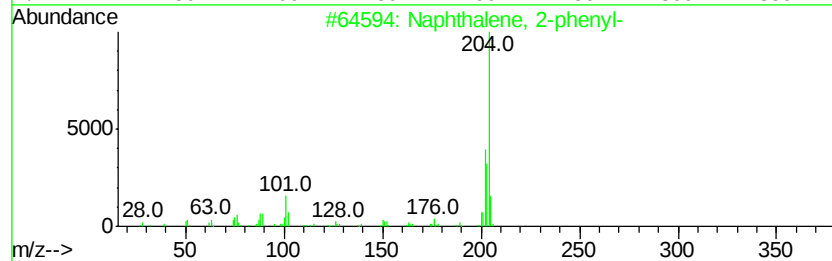
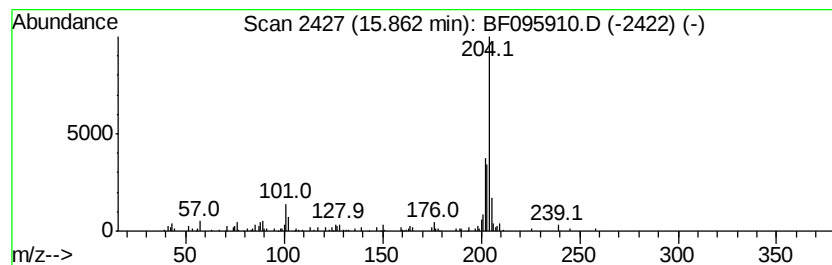
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	7.65 ng	170148	Phenanthrene-d10	14.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	91
3		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
4		5,16[1',2'1:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
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Acq On : 14 Jun 2017 00:01
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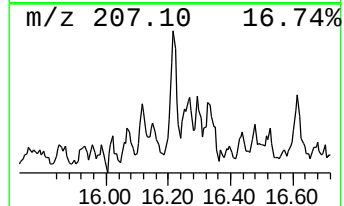
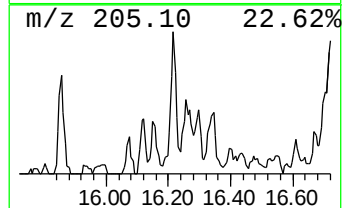
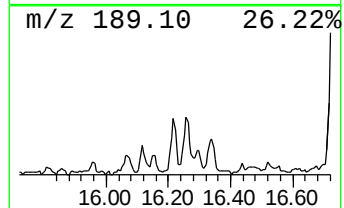
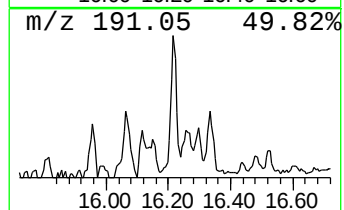
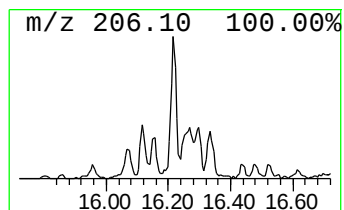
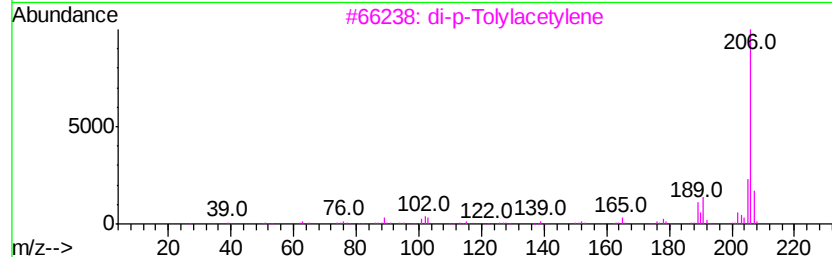
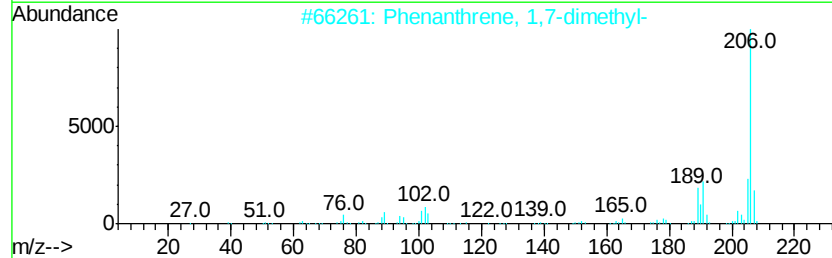
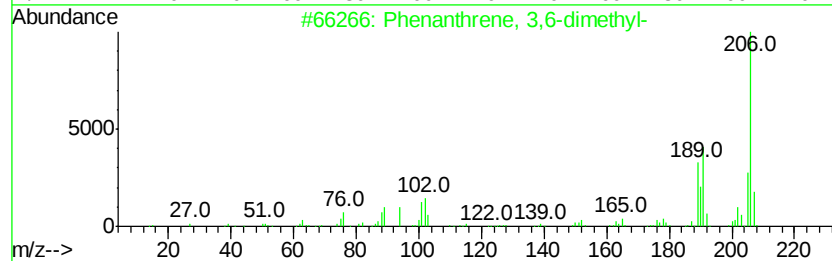
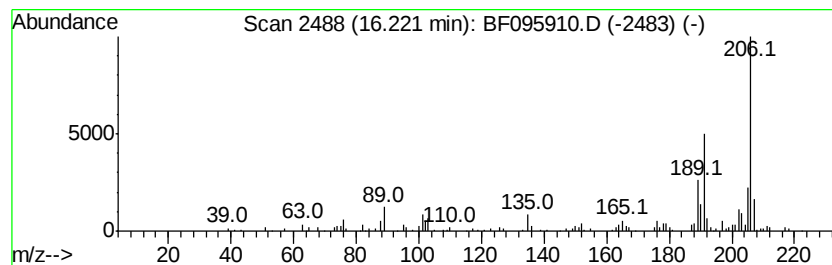
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	6.28 ng	139803	Phenanthrene-d10	14.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
2			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
3			di-p-Tolylacetvlene	206	C16H14	002789-88-0	87
4			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	83
5			9,10-Dimethylantracene	206	C16H14	000781-43-1	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095910.D
Acq On : 14 Jun 2017 00:01
Operator : SJ/MA
Sample : I3634-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-KEARNY-COMP

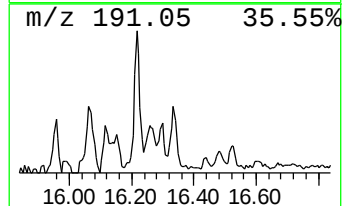
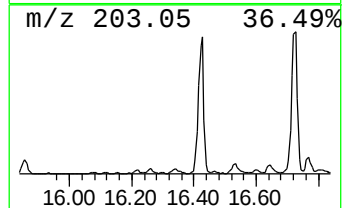
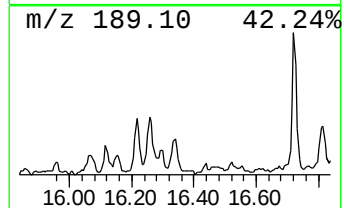
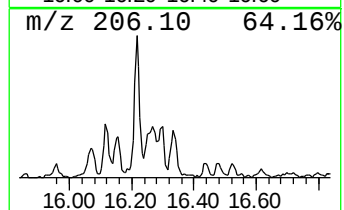
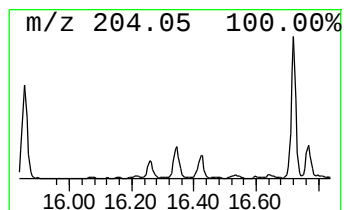
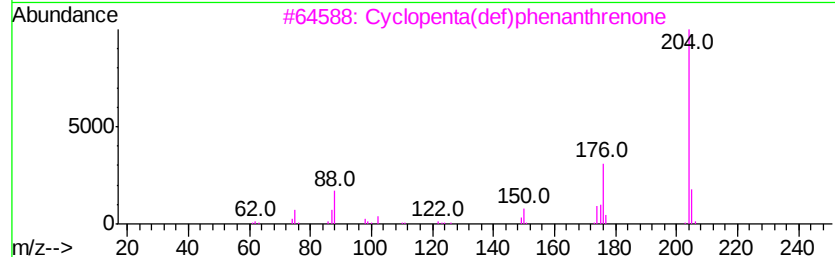
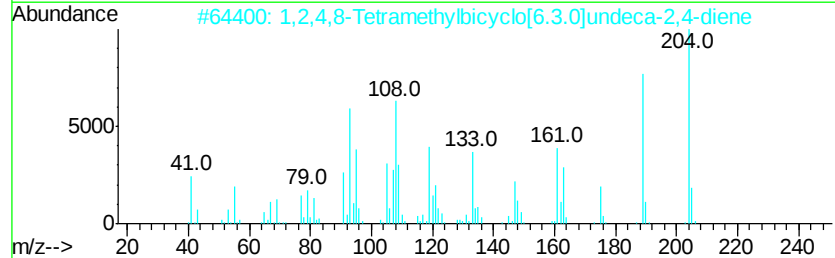
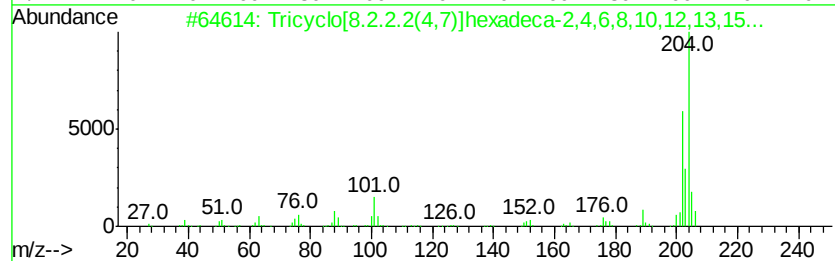
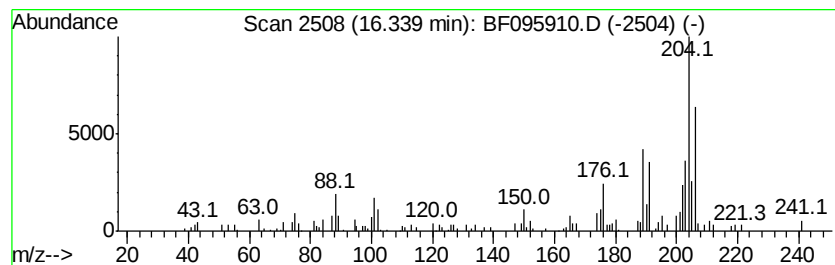
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	4.81 ng	107001	Phenanthrene-d10	14.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	50
2			1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	46
3			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	42
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
5			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061317\
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Acq On : 14 Jun 2017 00:01
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Misc :
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ClientSampleId :
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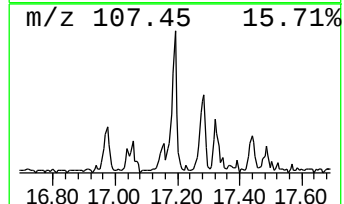
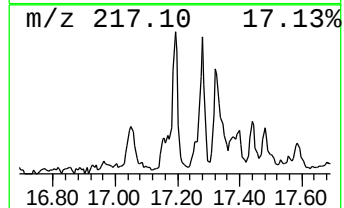
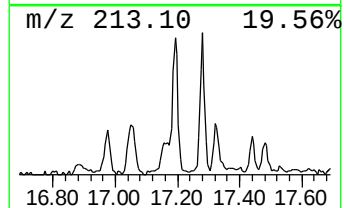
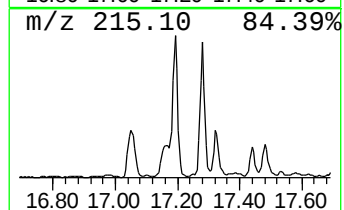
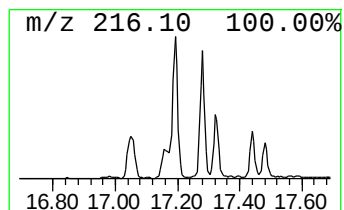
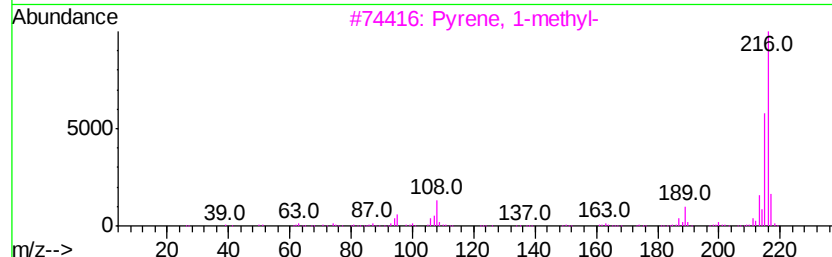
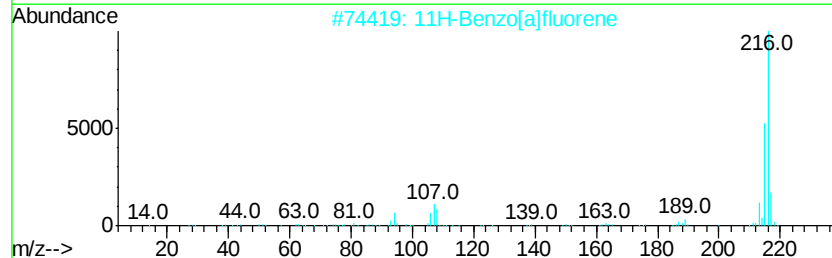
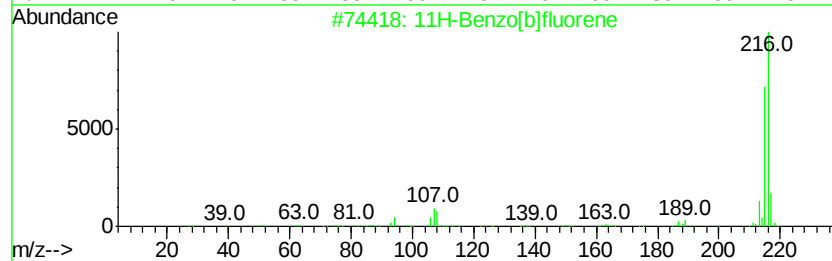
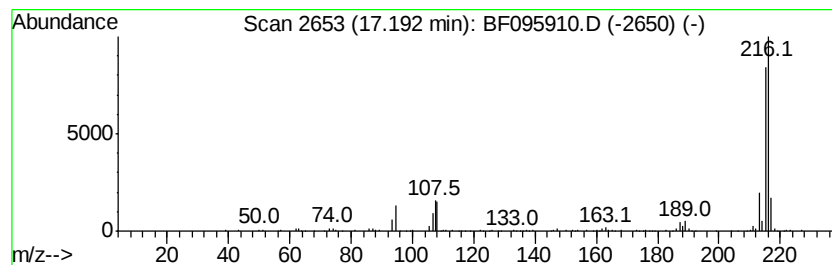
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.19	4.81 ng	350588	Chrysene-d12	18.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3			Pvrene, 1-methyl-	216	C17H12	002381-21-7	87
4			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	60



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Acq On : 14 Jun 2017 00:01
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ClientSampleId :
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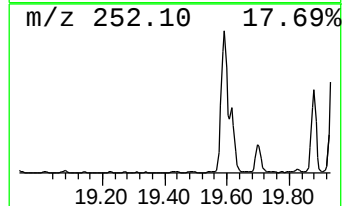
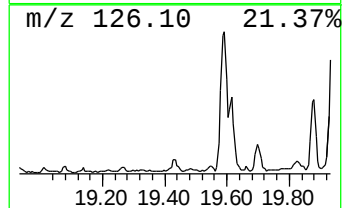
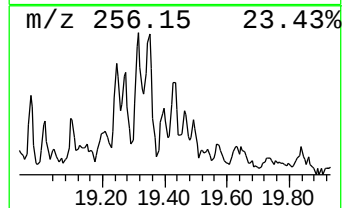
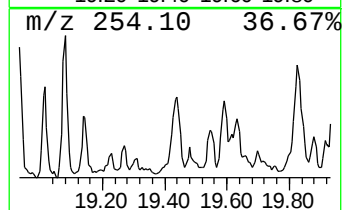
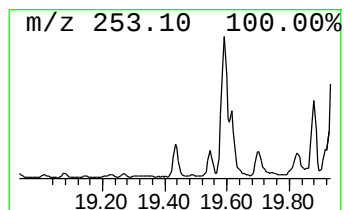
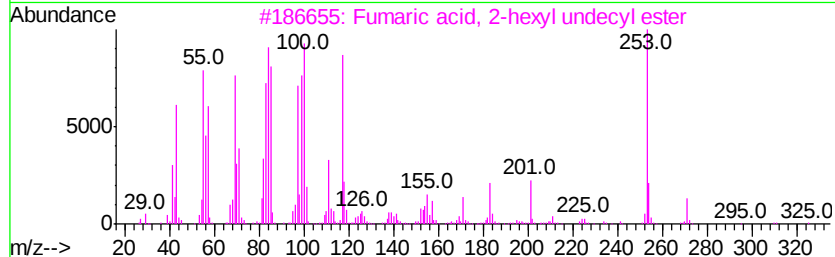
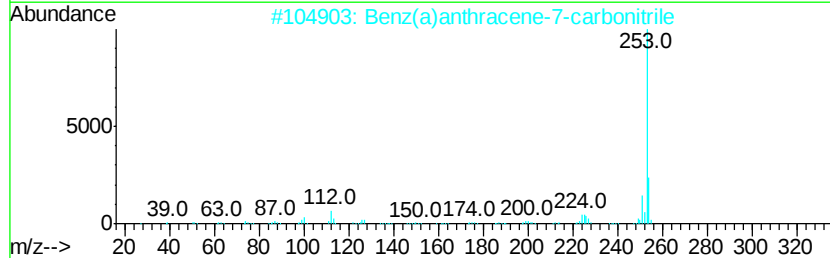
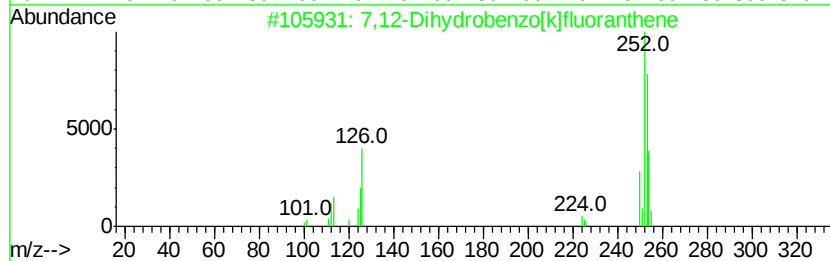
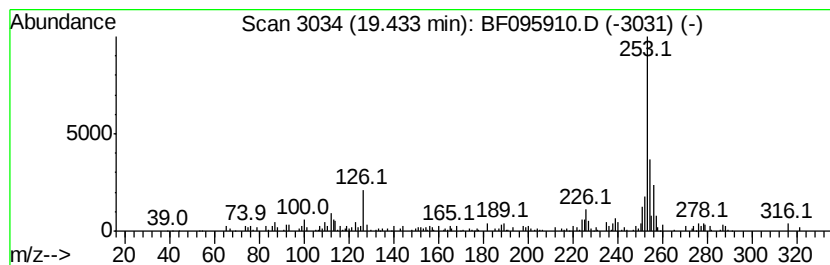
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 7,12-Dihydrobenzo[k]fluoran... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	4.93 ng	62457	Perylene-d12	19.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	53
2			Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	53
3			Fumaric acid, 2-hexyl undecyl ester	354	C21H38O4	1000348-74-9	43
4			2(1H)-Quinolinone, 3-hydroxy-4-(...	253	C15H11NO3	014484-44-7	38
5			4,6'-BiazulenyI	254	C20H14	094154-49-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061317\
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Acq On : 14 Jun 2017 00:01
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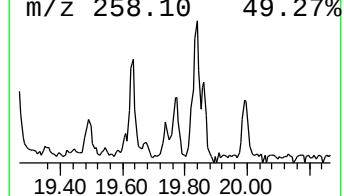
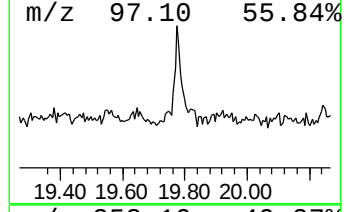
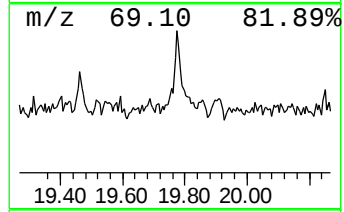
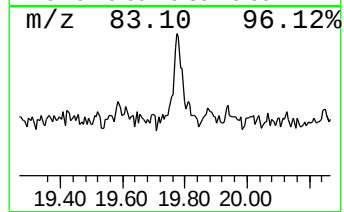
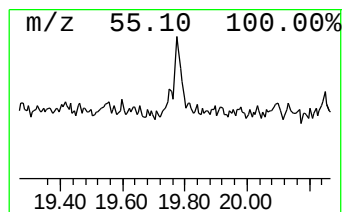
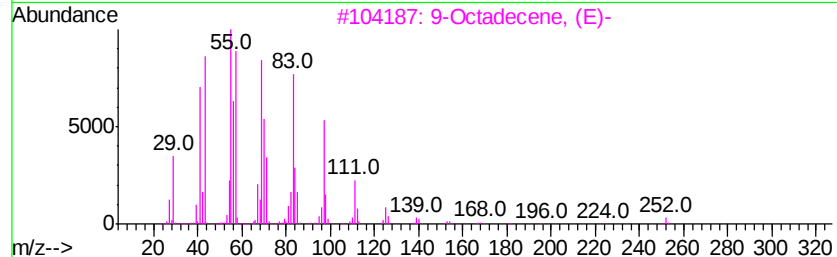
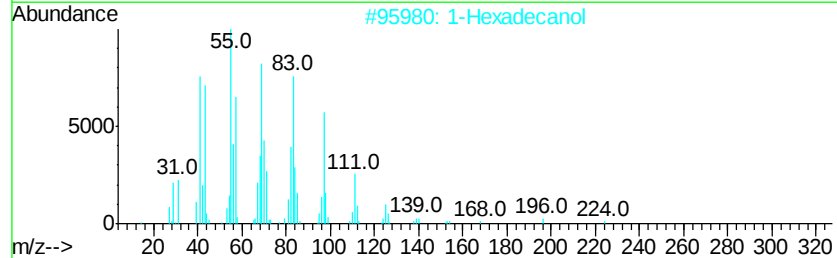
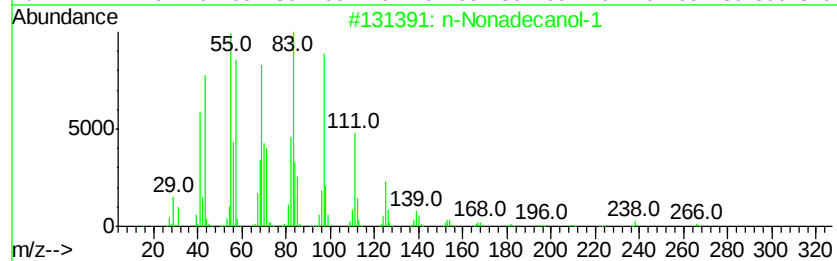
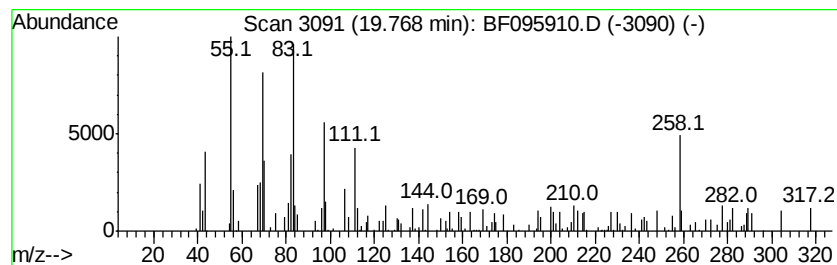
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 n-Nonadecanol-1 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	5.94 ng	75235	Perylene-d12	19.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Nonadecanol-1	284	C19H40O	001454-84-8	72
2			1-Hexadecanol	242	C16H34O	036653-82-4	52
3			9-Octadecene, (E)-	252	C18H36	007206-25-9	50
4			Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	45
5			Cyclopentadecane	210	C15H30	000295-48-7	45



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Acq On : 14 Jun 2017 00:01
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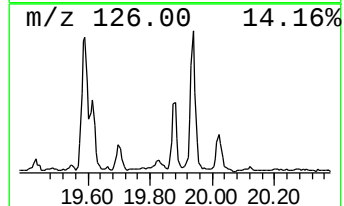
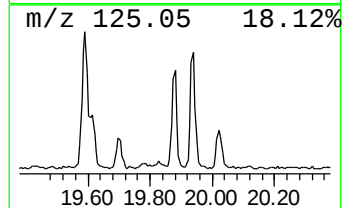
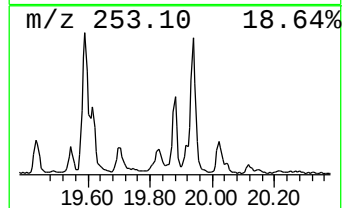
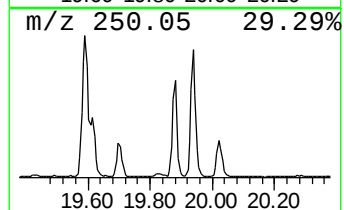
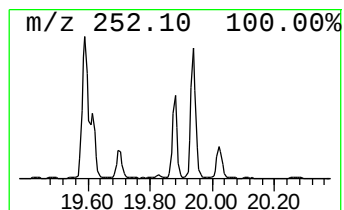
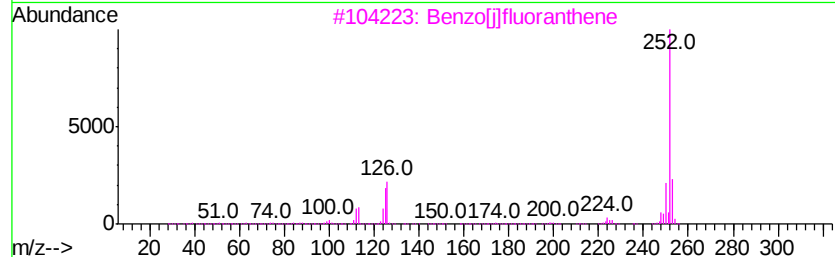
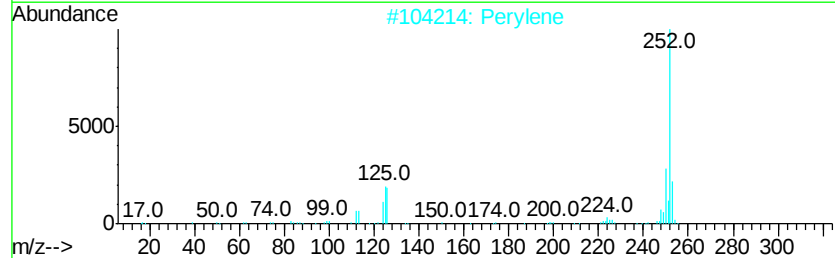
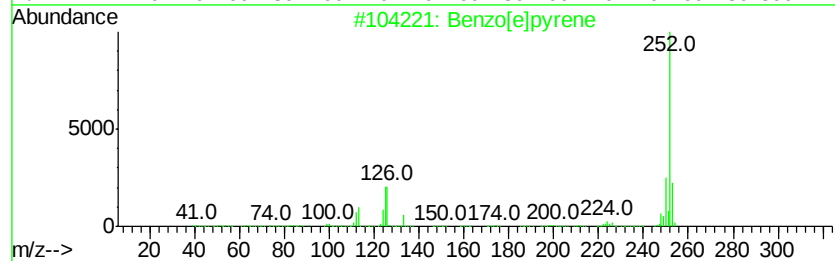
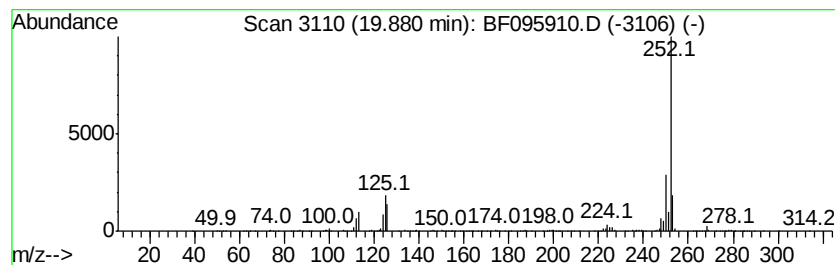
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.88	32.60 ng	412898	Perylene-d12	19.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Perylene	252	C20H12	000198-55-0	91
3	Benzo[i]fluoranthene	252	C20H12	000205-82-3	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061317\
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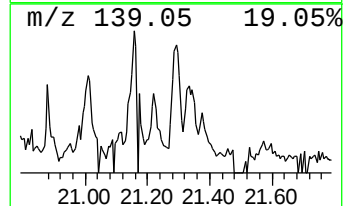
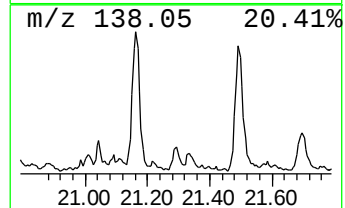
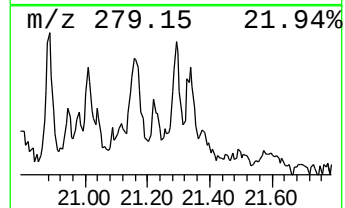
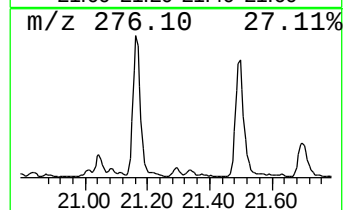
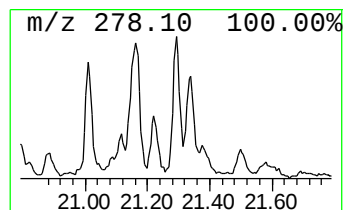
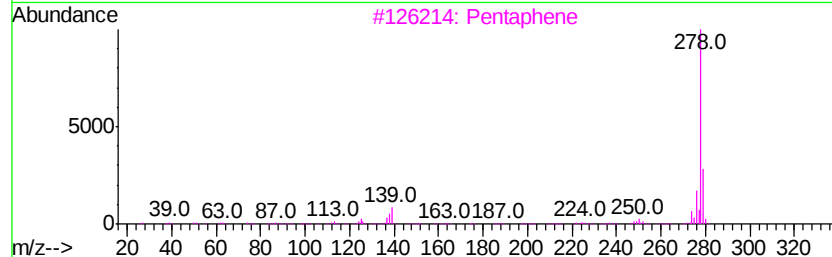
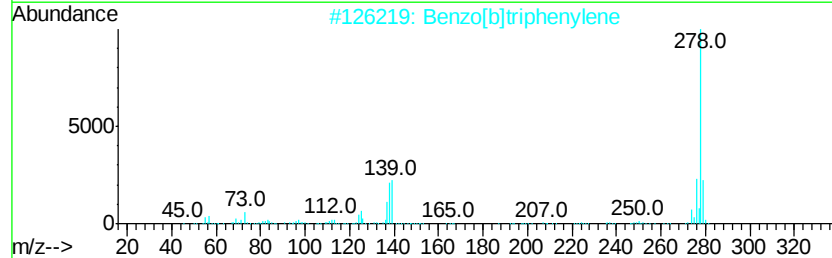
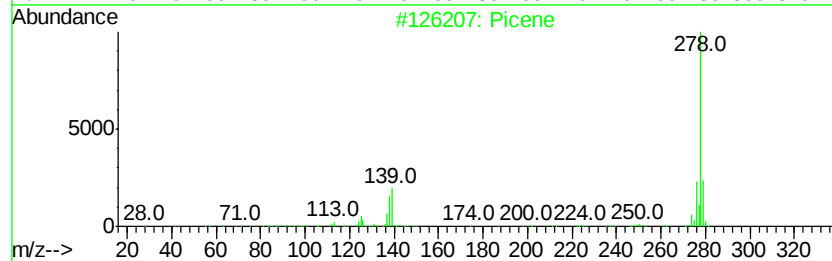
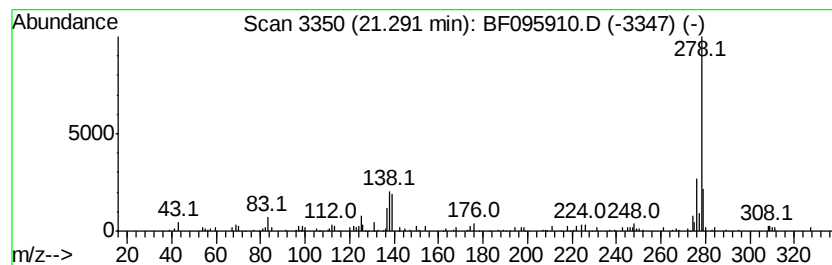
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Picene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	5.94 ng	75244	Perylene-d12	19.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Picene	278	C22H14	000213-46-7	94
2			Benzo[b]triphenylene	278	C22H14	000215-58-7	91
3			Pentaphene	278	C22H14	000222-93-5	90
4			Pentacene	278	C22H14	000135-48-8	62
5			Vanadium, (.eta.5-2,4-cyclopenta...	278	C17H23V	126948-97-8	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061317\
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ALS Vial : 17 Sample Multiplier: 1

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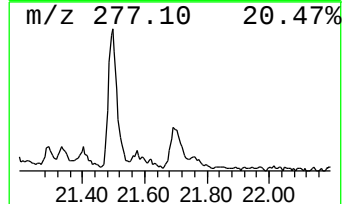
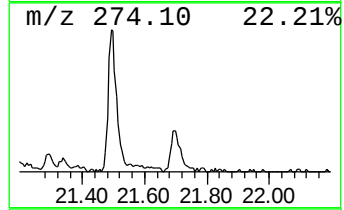
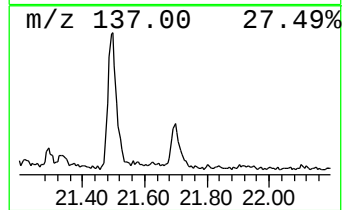
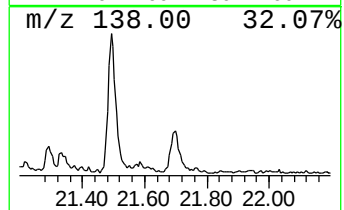
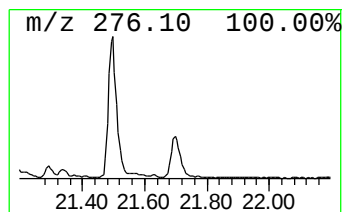
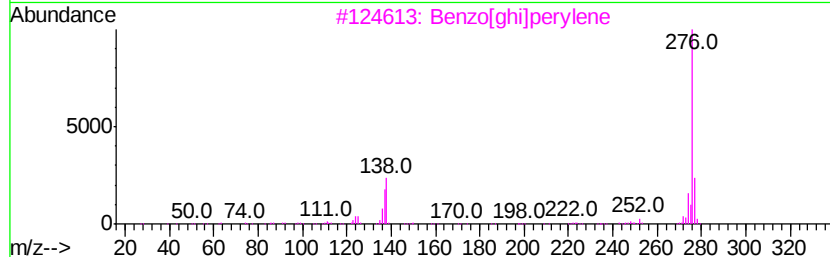
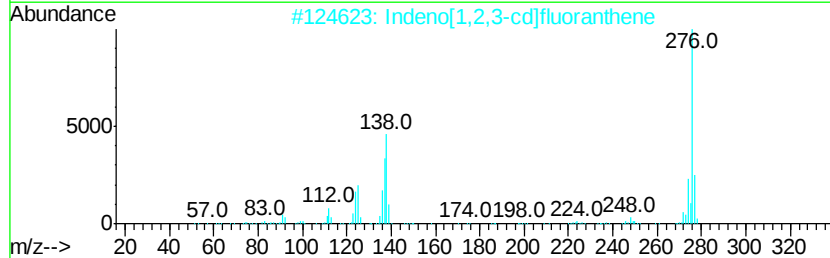
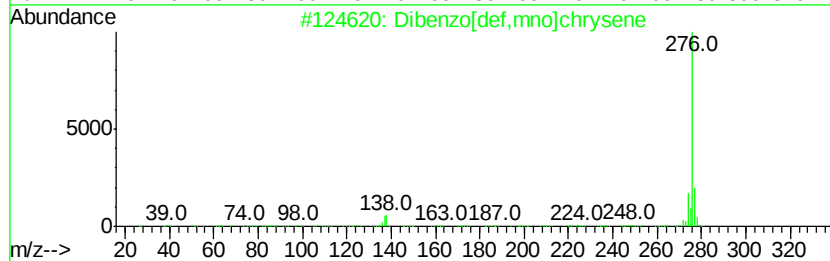
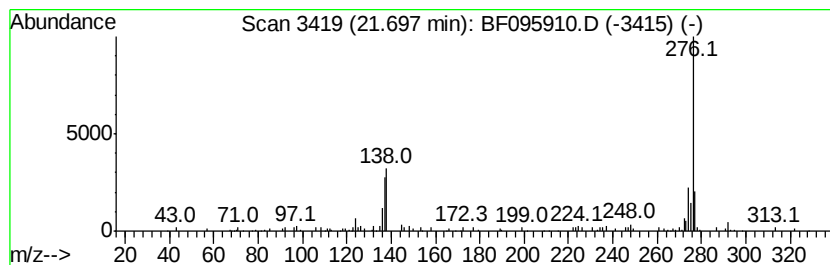
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dibenzo[def,mno]chrysene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.70	8.29 ng	105032	Perylene-d12	19.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
2		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	91
3		Benzo[ghi]perylene	276	C22H12	000191-24-2	91
4		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	70
5		1H-Cyclopenta[4,5]pyrido[1,2-a]b...	276	C17H16N4	329707-31-5	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061317\
Data File : BF095910.D
Acq On : 14 Jun 2017 00:01
Operator : SJ/MA
Sample : I3634-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-KEARNY-COMP

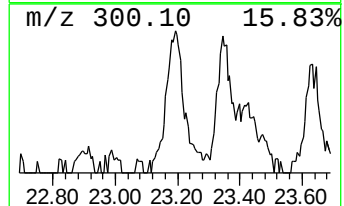
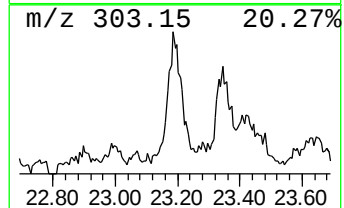
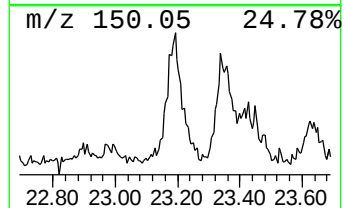
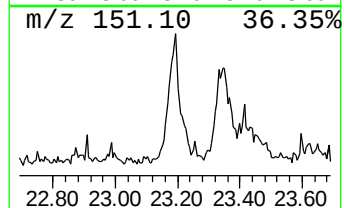
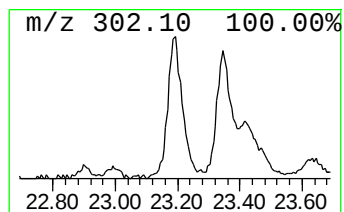
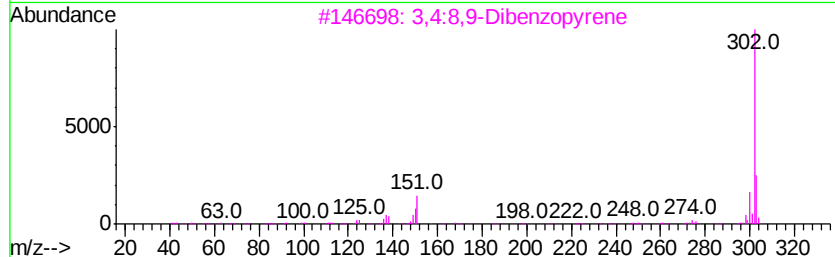
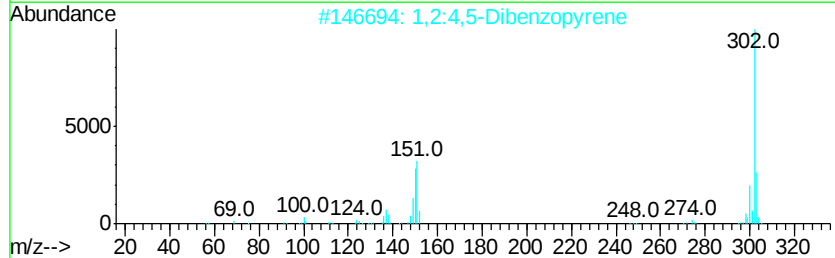
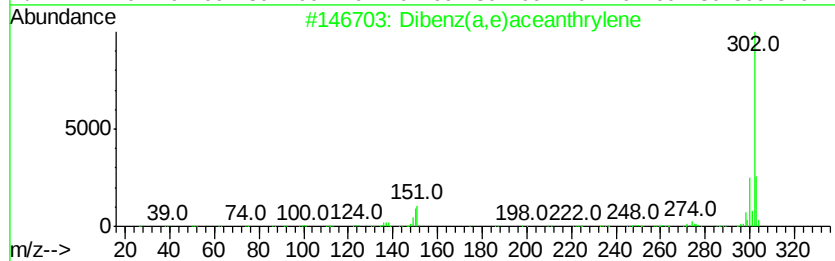
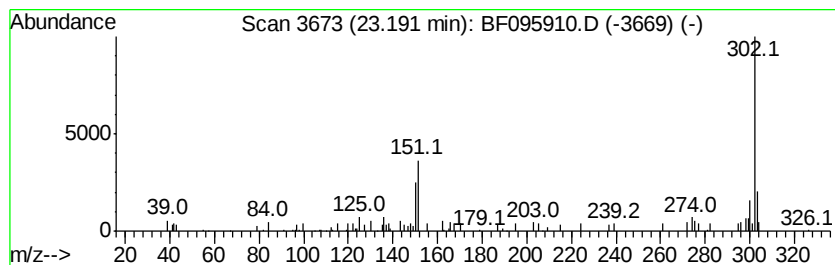
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenz(a,e)aceanthrylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	9.88 ng	125082	Perylene-d12	19.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	87
2			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	83
3			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	80
4			Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	74
5			1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061317\
 Data File : BF095910.D
 Acq On : 14 Jun 2017 00:01
 Operator : SJ/MA
 Sample : I3634-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-KEARNY-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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...	4.55	10.2	ng	197479	1	7.35	387403	20.0
unknown7.01	7.01	101.4	ng	1963920	1	7.35	387403	20.0
Phenanthrene, 1-m...	15.40	6.0	ng	133007	4	14.60	445071	20.0
1H-Cyclopropa[l]p...	15.44	8.5	ng	188184	4	14.60	445071	20.0
1H-Indene, 2-phenyl-	15.52	4.3	ng	95987	4	14.60	445071	20.0
4H-Cyclopenta[def...	15.55	12.6	ng	281215	4	14.60	445071	20.0
Phenanthrene, 2-m...	15.60	5.8	ng	129682	4	14.60	445071	20.0
Tridecanoic acid	15.62	7.1	ng	157667	4	14.60	445071	20.0
Naphthalene, 2-ph...	15.86	7.7	ng	170148	4	14.60	445071	20.0
Phenanthrene, 3,6...	16.22	6.3	ng	139803	4	14.60	445071	20.0
Tricyclo[8.2.2.2(...	16.34	4.8	ng	107001	4	14.60	445071	20.0
11H-Benzo[b]fluorene	17.19	4.8	ng	350588	5	18.32	1457240	20.0
7,12-Dihydrobenzo...	19.43	4.9	ng	62457	6	19.99	253330	20.0
n-Nonadecanol-1	19.77	5.9	ng	75235	6	19.99	253330	20.0
Benzo[e]pyrene	19.88	32.6	ng	412898	6	19.99	253330	20.0
Picene	21.29	5.9	ng	75244	6	19.99	253330	20.0
Dibenzo[def,mno]c...	21.70	8.3	ng	105032	6	19.99	253330	20.0
Dibenz(a,e)aceant...	23.19	9.9	ng	125082	6	19.99	253330	20.0