

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
 Data File : BF095438.D
 Acq On : 25 May 2017 23:04
 Operator : SJ/MA
 Sample : I3200-03 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-36-20170517

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	5.078	531	534	555	rBV	54423	157633	12.98%	0.827%
2	5.725	640	644	666	rBV	263288	801054	65.96%	4.204%
3	7.307	909	913	928	rBV	263738	750966	61.84%	3.941%
4	7.419	928	932	946	rVB	543749	1096388	90.28%	5.754%
5	7.742	983	987	999	rBV	439690	551771	45.44%	2.896%
6	7.978	1023	1027	1044	rBV	607657	826198	68.03%	4.336%
7	8.654	1138	1142	1160	rBV	209539	491892	40.51%	2.582%
8	9.766	1327	1331	1359	rBV	384748	785393	64.67%	4.122%
9	11.536	1628	1632	1652	rBV	701154	1214380	100.00%	6.373%
10	11.695	1656	1659	1666	rVV6	6681	15432	1.27%	0.081%
11	11.760	1666	1670	1676	rVB3	7619	12964	1.07%	0.068%
12	12.077	1720	1724	1729	rBV3	7717	13043	1.07%	0.068%
13	12.242	1748	1752	1769	rVV	126888	254742	20.98%	1.337%
14	12.383	1771	1776	1783	rVV	29033	48569	4.00%	0.255%
15	12.601	1808	1813	1819	rBV2	524106	782846	64.46%	4.109%
16	12.654	1819	1822	1829	rVB	46382	77049	6.34%	0.404%
17	12.971	1871	1876	1880	rBV4	14755	29757	2.45%	0.156%
18	13.036	1884	1887	1892	rVV3	8870	12234	1.01%	0.064%
19	13.142	1902	1905	1912	rVB4	13709	20748	1.71%	0.109%
20	13.201	1912	1915	1922	rVB8	9522	14154	1.17%	0.074%
21	13.430	1950	1954	1958	rBV2	32136	37822	3.11%	0.198%
22	13.507	1962	1967	1977	rVB	34187	57045	4.70%	0.299%
23	13.595	1977	1982	1984	rBV5	10670	18668	1.54%	0.098%
24	13.783	2008	2014	2020	rBV8	22146	47402	3.90%	0.249%
25	13.907	2030	2035	2055	rBV	244776	466765	38.44%	2.450%
26	14.201	2081	2085	2087	rBV	35655	42652	3.51%	0.224%
27	14.230	2087	2090	2096	rVB4	29915	45053	3.71%	0.236%
28	14.401	2114	2119	2123	rBV6	20189	34130	2.81%	0.179%
29	14.448	2123	2127	2130	rVB5	12357	16092	1.33%	0.084%
30	14.577	2146	2149	2152	rVB5	14169	14070	1.16%	0.074%
31	14.624	2153	2157	2158	rBV2	17695	16368	1.35%	0.086%
32	14.742	2173	2177	2182	rBV6	9408	17181	1.41%	0.090%
33	14.801	2182	2187	2190	rVV6	11002	22303	1.84%	0.117%
34	14.842	2191	2194	2199	rVB	14604	19756	1.63%	0.104%

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

35	14.930	2206	2209	2213	rVB	27229	32591	2.68%	0.171%
36	15.001	2214	2221	2225	rVV2	470360	663075	54.60%	3.480%
37	15.042	2225	2228	2236	rVV	382977	540753	44.53%	2.838%
38	15.130	2239	2243	2252	rVB	73997	123068	10.13%	0.646%
39	15.218	2255	2258	2266	rBV9	17092	36148	2.98%	0.190%
40	15.389	2285	2287	2291	rBV5	11530	17464	1.44%	0.092%
41	15.442	2291	2296	2299	rVV2	24202	41952	3.45%	0.220%
42	15.530	2307	2311	2314	rBV4	24318	30066	2.48%	0.158%
43	15.595	2319	2322	2326	rVV3	29608	33362	2.75%	0.175%
44	15.660	2329	2333	2338	rBV5	17713	28065	2.31%	0.147%
45	15.789	2350	2355	2358	rBV	90716	115171	9.48%	0.604%
46	15.830	2358	2362	2368	rVV	100282	140701	11.59%	0.738%
47	15.901	2371	2374	2376	rVV	28148	31263	2.57%	0.164%
48	15.936	2376	2380	2384	rVV2	120233	193591	15.94%	1.016%
49	15.977	2385	2387	2393	rVB	69387	82580	6.80%	0.433%
50	16.136	2411	2414	2419	rVB6	12338	20888	1.72%	0.110%
51	16.183	2420	2422	2425	rBV3	14667	15547	1.28%	0.082%
52	16.230	2426	2430	2438	rVV	39679	63301	5.21%	0.332%
53	16.289	2438	2440	2444	rBV	30857	37638	3.10%	0.198%
54	16.430	2461	2464	2468	rVB2	30753	33566	2.76%	0.176%
55	16.483	2469	2473	2476	rVV2	26375	33273	2.74%	0.175%
56	16.518	2476	2479	2484	rVB2	16801	20550	1.69%	0.108%
57	16.583	2485	2490	2493	rBV	88327	122722	10.11%	0.644%
58	16.624	2493	2497	2501	rVV6	44240	70393	5.80%	0.369%
59	16.659	2501	2503	2505	rVB	20886	17474	1.44%	0.092%
60	16.707	2506	2511	2517	rVB5	46597	94035	7.74%	0.494%
61	16.783	2520	2524	2535	rVB	627758	790579	65.10%	4.149%
62	16.883	2538	2541	2543	rBV2	15897	15678	1.29%	0.082%
63	16.983	2556	2558	2561	rVB	26774	23207	1.91%	0.122%
64	17.024	2561	2565	2568	rBV6	30498	43672	3.60%	0.229%
65	17.089	2572	2576	2581	rVV	675682	827707	68.16%	4.344%
66	17.165	2585	2589	2591	rBV5	13742	22461	1.85%	0.118%
67	17.242	2599	2602	2605	rVB4	28064	32468	2.67%	0.170%
68	17.277	2605	2608	2611	rBV2	32587	43654	3.59%	0.229%
69	17.318	2611	2615	2624	rVB	689992	856555	70.53%	4.495%
70	17.406	2624	2630	2642	rBV6	55505	119024	9.80%	0.625%
71	17.518	2642	2649	2652	rBV5	57341	115776	9.53%	0.608%

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72	17.554	2652	2655	2660	rVB	68423	91301	7.52%	0.479%
73	17.636	2666	2669	2674	rVB	53114	67102	5.53%	0.352%
74	17.689	2674	2678	2688	rBV4	100070	232715	19.16%	1.221%
75	17.801	2694	2697	2700	rVB	59296	57609	4.74%	0.302%
76	17.842	2701	2704	2709	rBV	49489	65281	5.38%	0.343%
77	17.983	2725	2728	2732	rVB5	22886	34601	2.85%	0.182%
78	18.242	2769	2772	2776	rVB	46523	56878	4.68%	0.299%
79	18.295	2779	2781	2785	rBV4	19750	24814	2.04%	0.130%
80	18.353	2789	2791	2793	rVV	27103	27404	2.26%	0.144%
81	18.383	2793	2796	2799	rVB2	73718	73636	6.06%	0.386%
82	18.418	2799	2802	2805	rBV	32242	35962	2.96%	0.189%
83	18.518	2816	2819	2823	rBV2	37410	49757	4.10%	0.261%
84	18.571	2823	2828	2836	rVB6	34739	61550	5.07%	0.323%
85	18.677	2840	2846	2849	rBV2	600795	965075	79.47%	5.065%
86	18.724	2849	2854	2859	rVB2	663184	957468	78.84%	5.025%
87	18.806	2865	2868	2874	rVB3	43046	55755	4.59%	0.293%
88	18.906	2882	2885	2887	rBV4	25568	33246	2.74%	0.174%
89	18.965	2893	2895	2899	rVB4	48166	56408	4.65%	0.296%
90	19.006	2899	2902	2904	rBV3	20950	27192	2.24%	0.143%
91	19.183	2929	2932	2936	rVB	62675	57465	4.73%	0.302%
92	19.336	2955	2958	2961	rBV4	41306	67607	5.57%	0.355%
93	19.789	3032	3035	3041	rBV4	46788	84500	6.96%	0.443%
94	19.948	3058	3062	3065	rBV	272854	370001	30.47%	1.942%
95	20.065	3079	3082	3087	rBV2	44330	73877	6.08%	0.388%
96	20.242	3109	3112	3116	rBV	174957	190598	15.70%	1.000%
97	20.300	3119	3122	3127	rVB	199407	199520	16.43%	1.047%
98	20.353	3128	3131	3136	rBV	299410	416515	34.30%	2.186%
99	21.694	3356	3359	3367	rVB2	77498	140852	11.60%	0.739%
100	22.089	3421	3426	3432	rVB	67526	136868	11.27%	0.718%

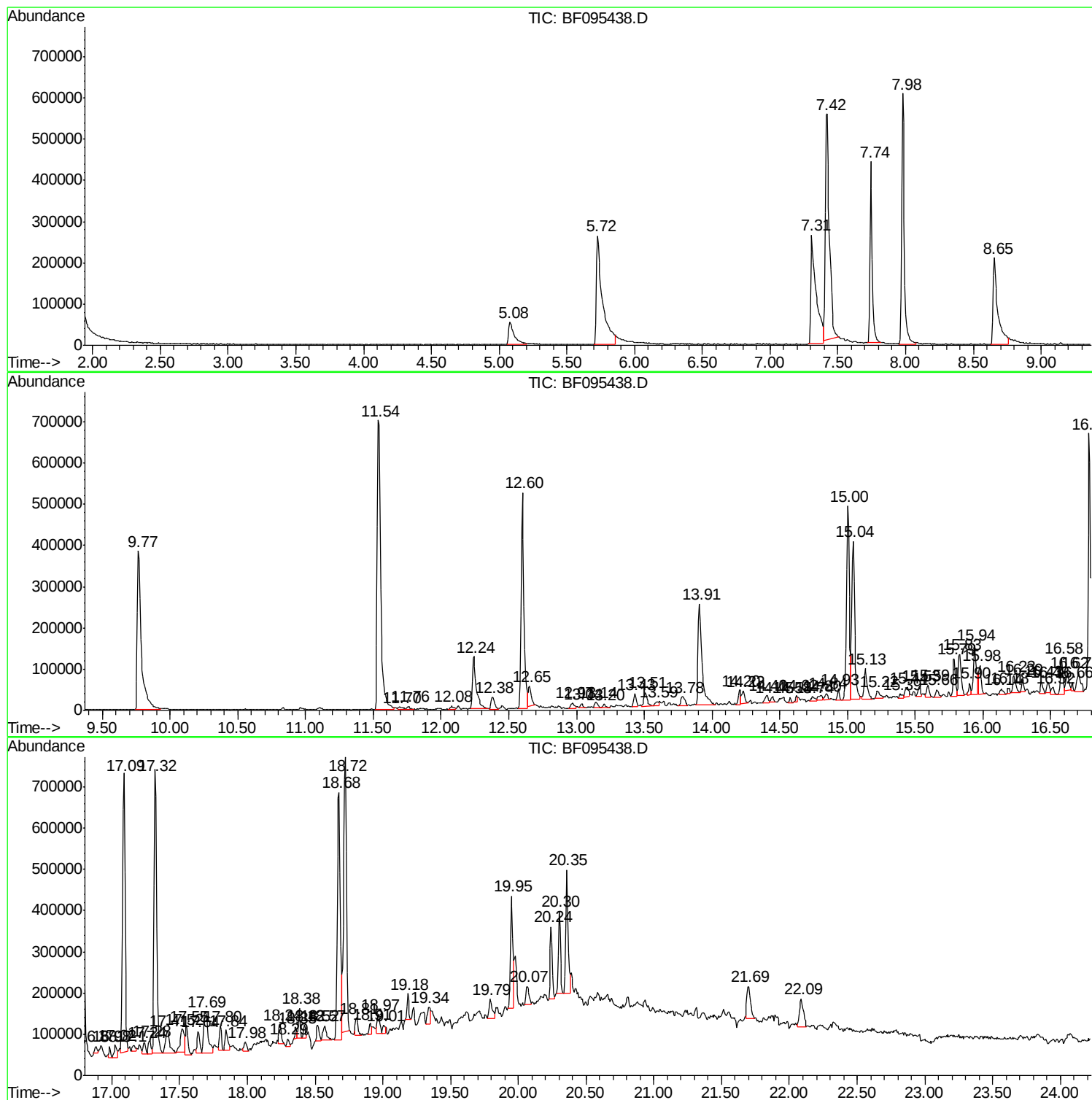
Sum of corrected areas: 19054095

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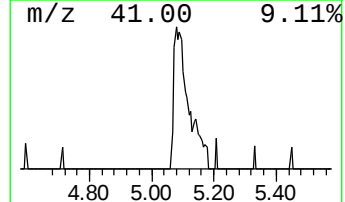
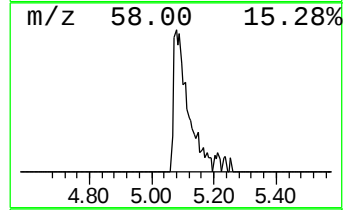
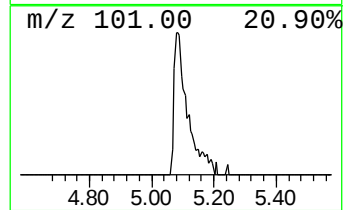
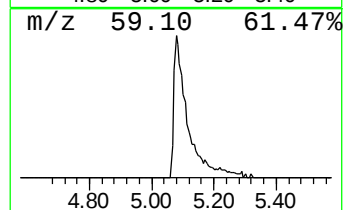
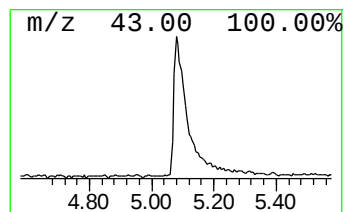
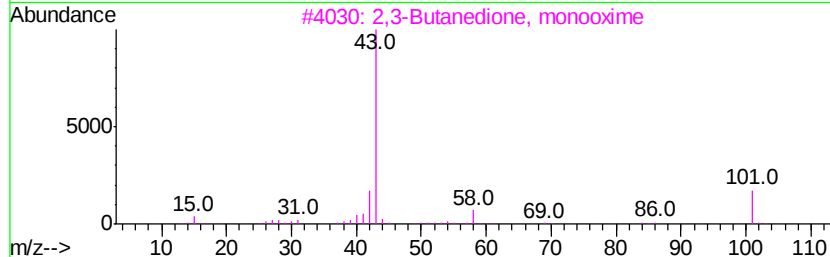
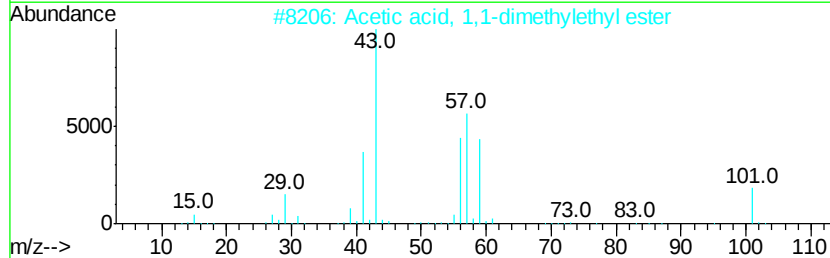
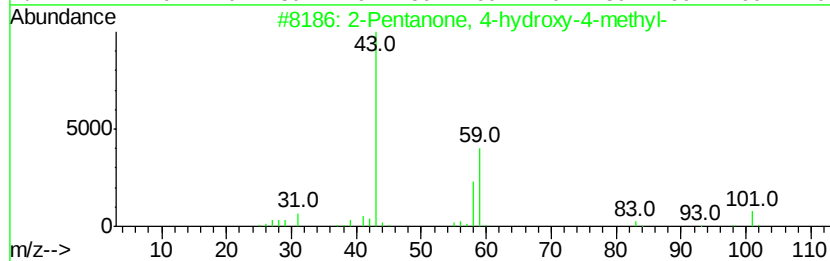
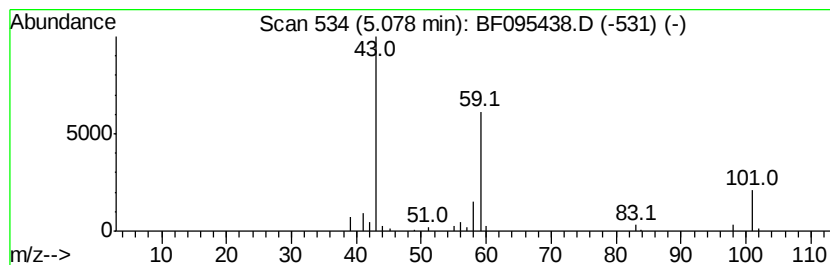
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	5.71 ng	157633	1,4-Dichlorobenzene-d4	7.74

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	39		
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35		
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9		
5	Propanamide, N-ethyl-	101	C5H11NO	005129-72-6	9		



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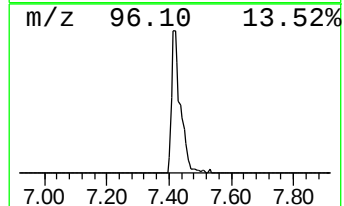
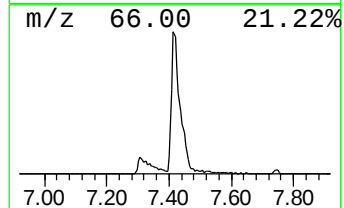
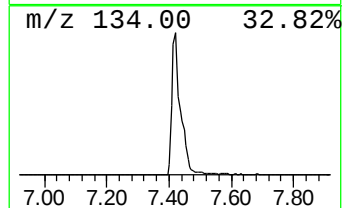
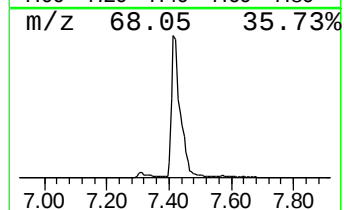
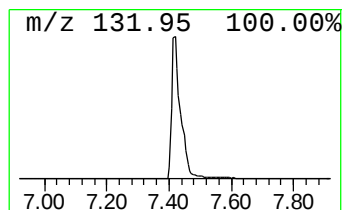
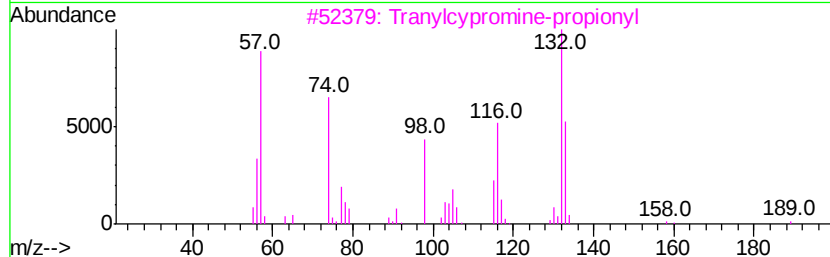
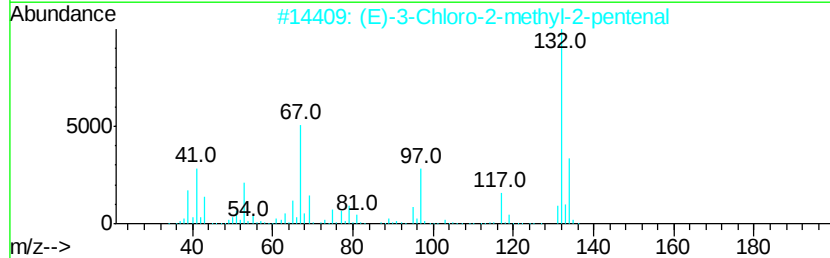
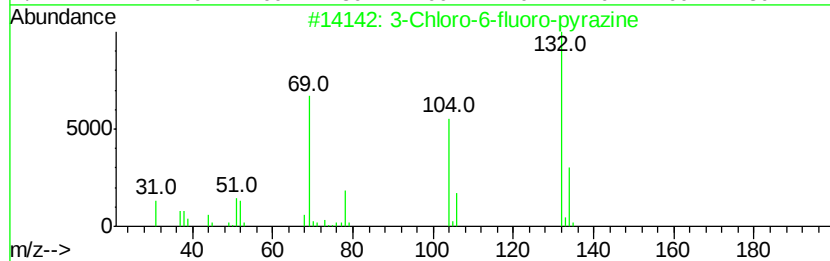
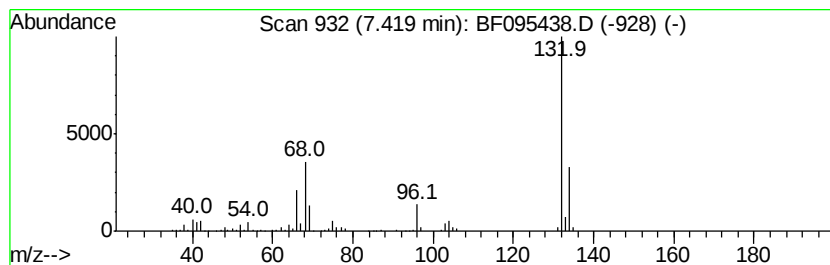
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	39.74 ng	1096390	1,4-Dichlorobenzene-d4	7.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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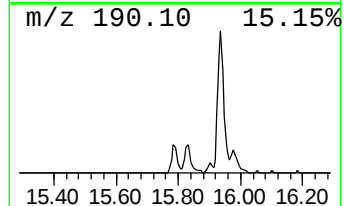
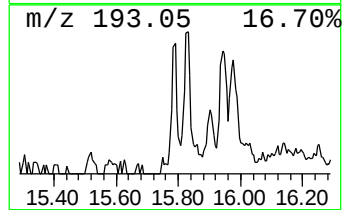
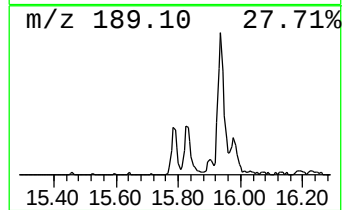
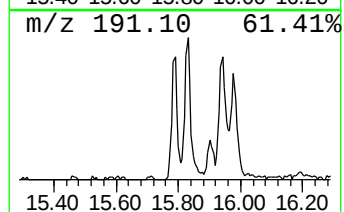
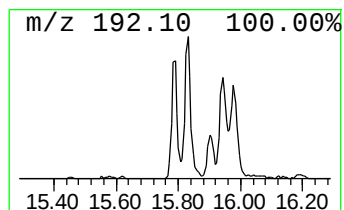
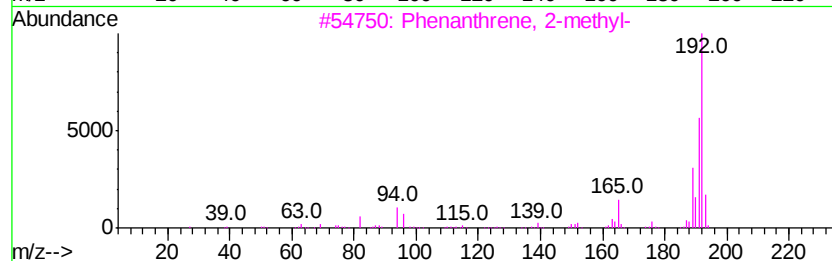
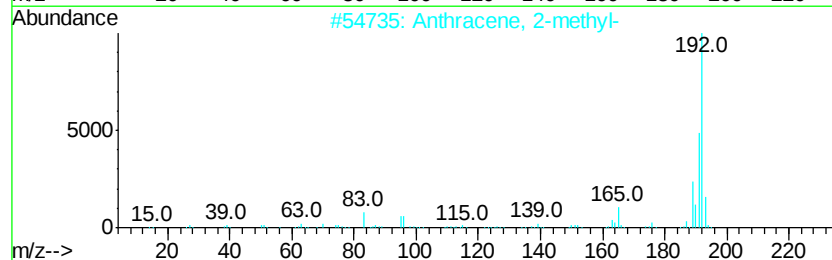
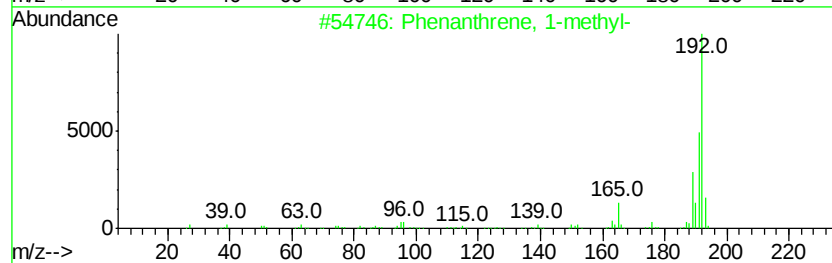
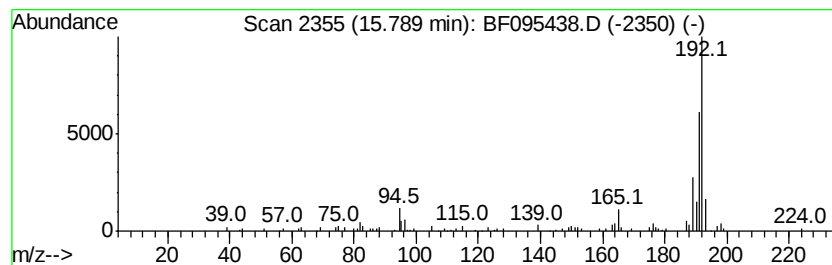
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.79	3.47 ng	115171	Phenanthrene-d10	15.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052517\
Data File : BF095438.D
Acq On : 25 May 2017 23:04
Operator : SJ/MA
Sample : I3200-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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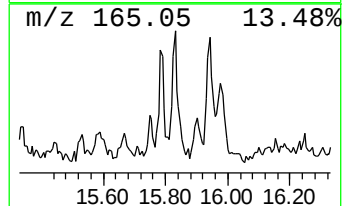
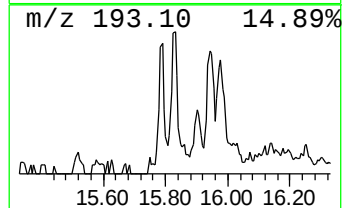
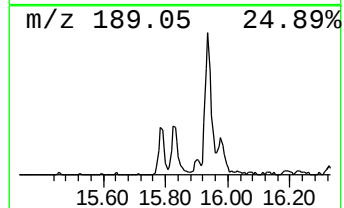
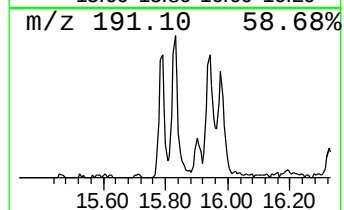
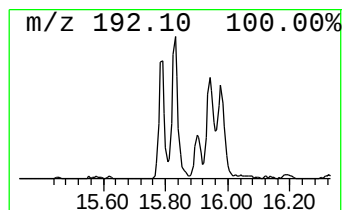
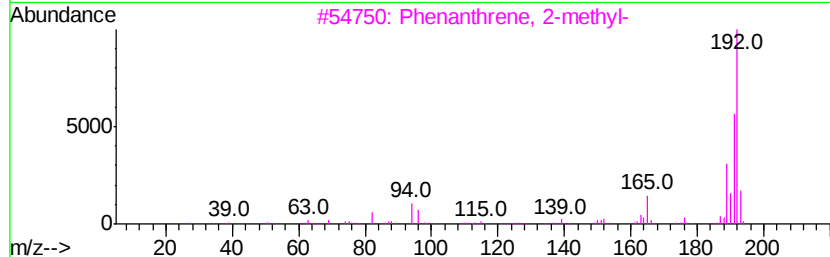
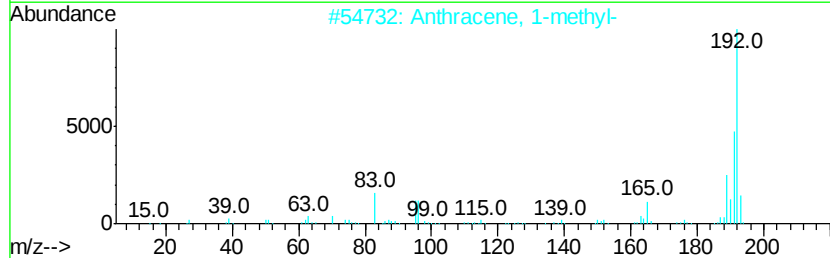
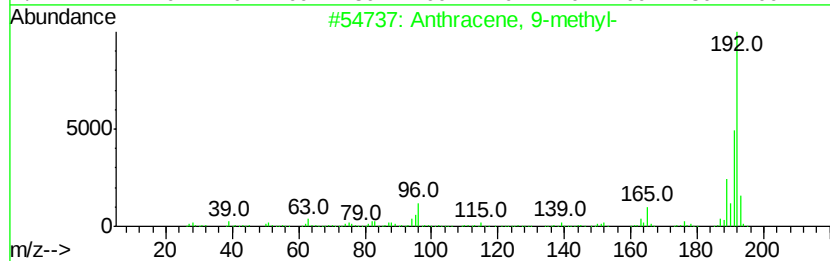
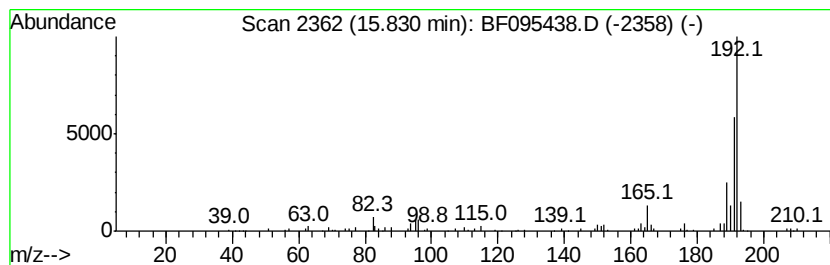
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	4.24 ng	140701	Phenanthrene-d10	15.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	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		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
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Sample : I3200-03 2X
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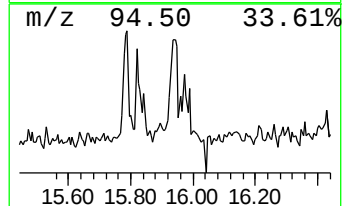
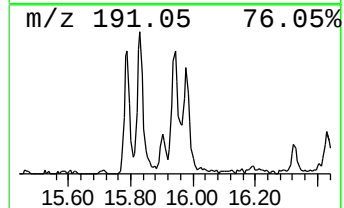
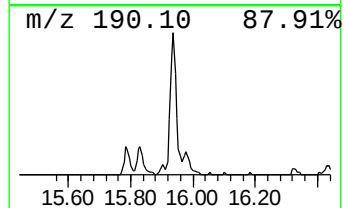
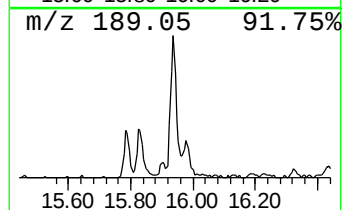
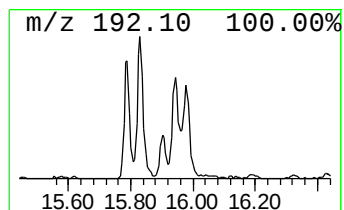
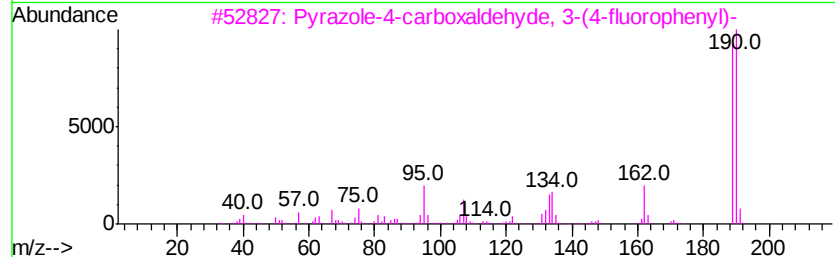
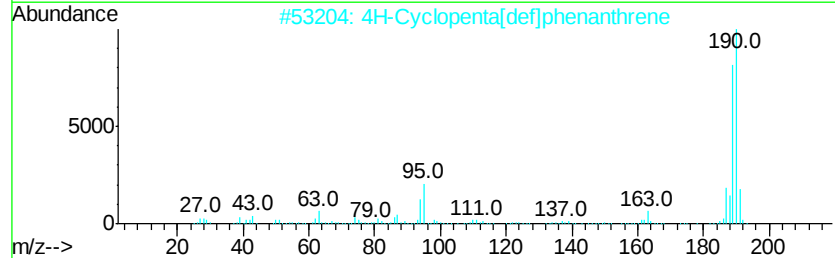
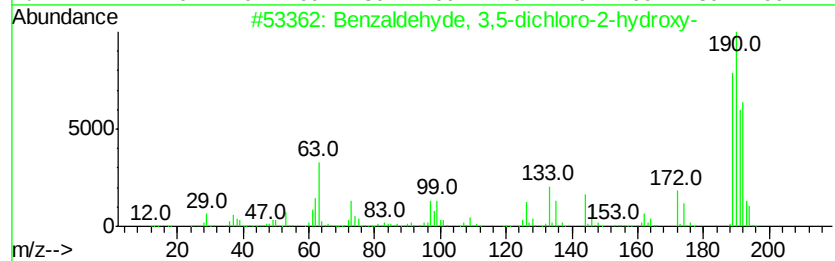
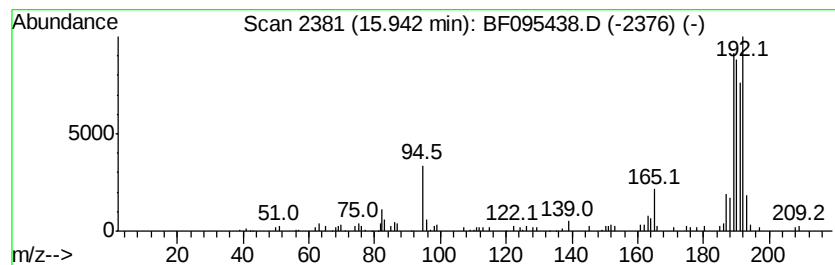
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.94	5.84 ng	193591	Phenanthrene-d10	15.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehydve, 3,5-dichloro-2-hvd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	Pvrazole-4-carboxaldehydve, 3-(4-...	190	C10H7FN2O	306936-57-2	46
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052517\
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Acq On : 25 May 2017 23:04
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Sample : I3200-03 2X
Misc :
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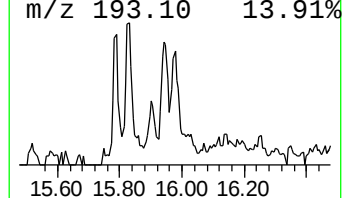
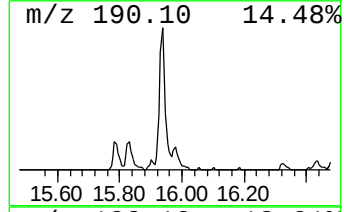
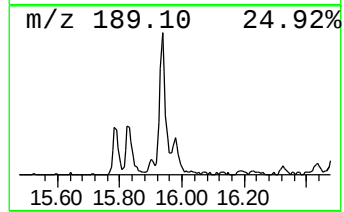
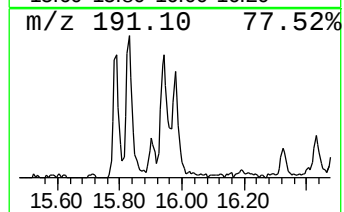
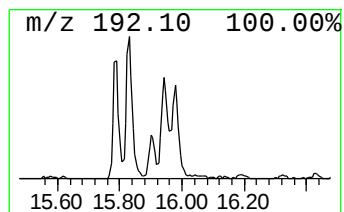
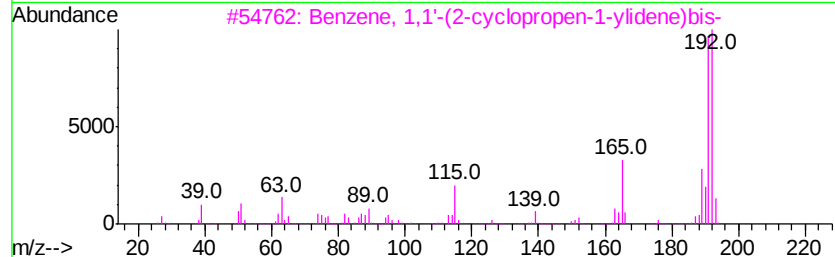
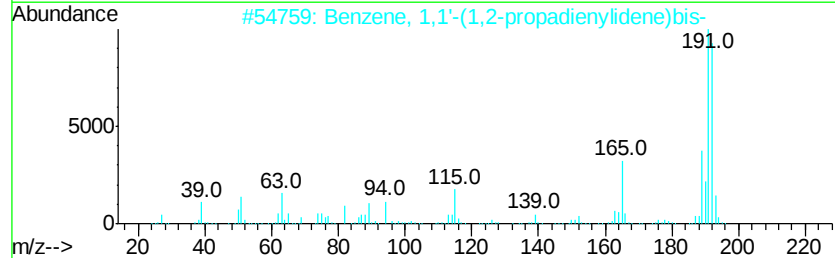
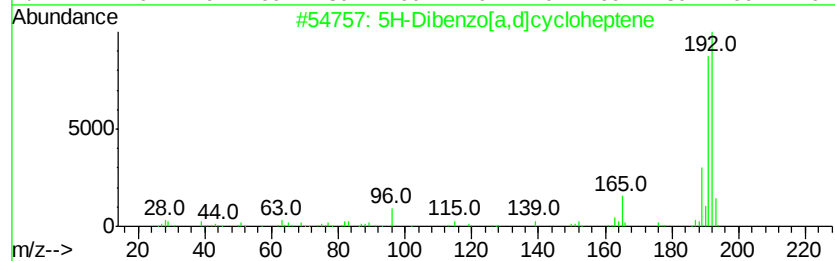
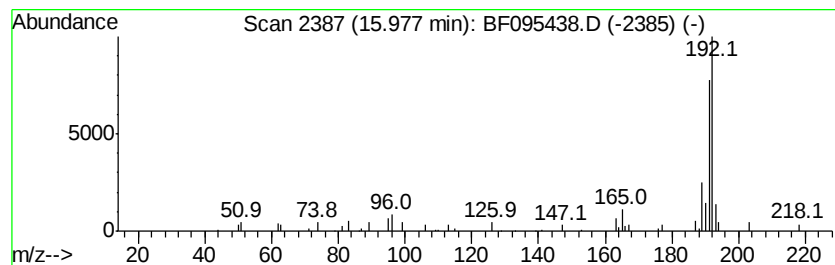
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 5H-Dibenzo[a,d]cycloheptene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	2.49 ng	82580	Phenanthrene-d10	15.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	81
2		Benzene, 1,1'-(1,2-propadienyld...	192	C15H12	014251-57-1	74
3		Benzene, 1,1'-(2-cyclopropen-1-v...	192	C15H12	022825-21-4	74
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052517\
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Operator : SJ/MA
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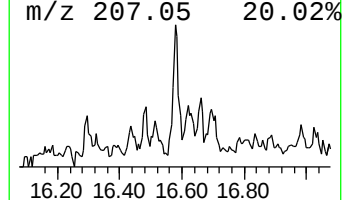
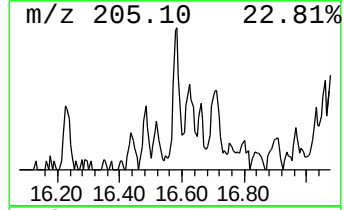
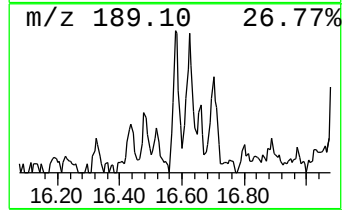
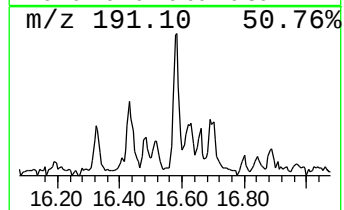
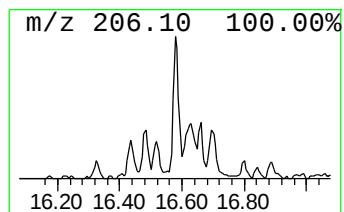
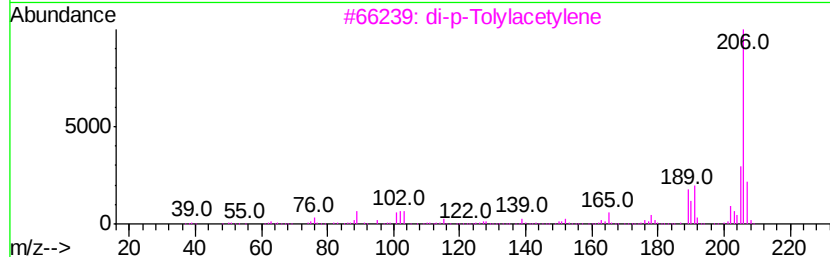
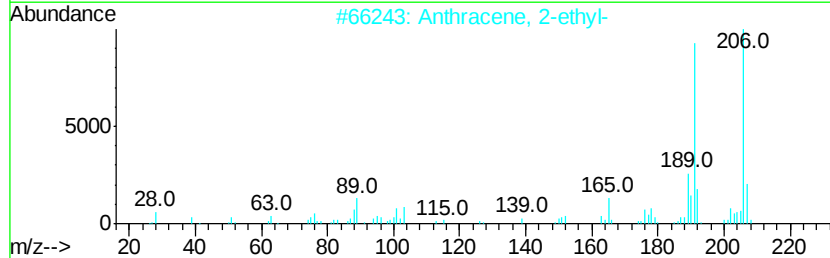
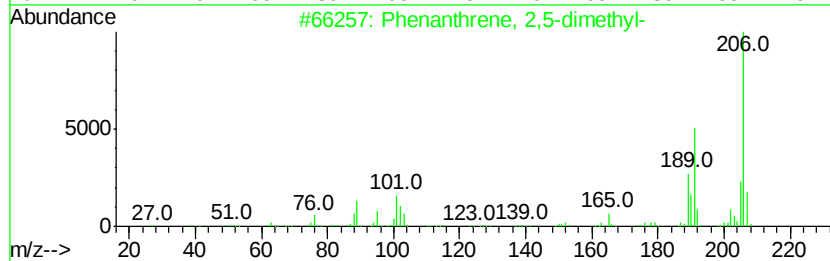
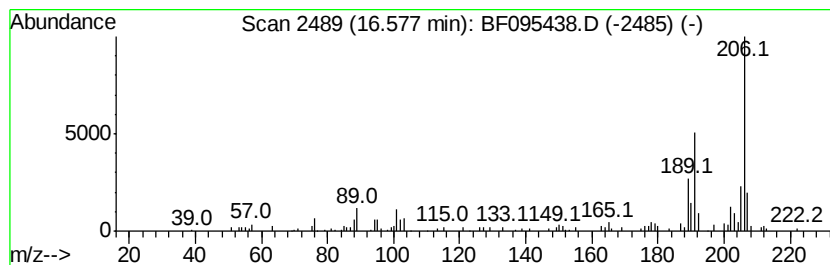
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	3.70 ng	122722	Phenanthrene-d10	15.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2		Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
5		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
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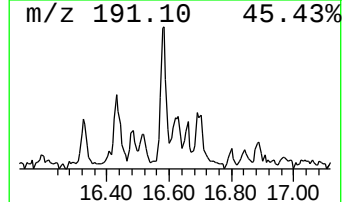
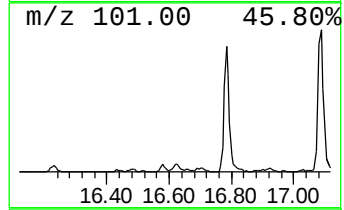
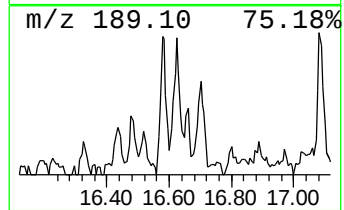
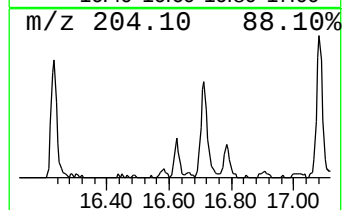
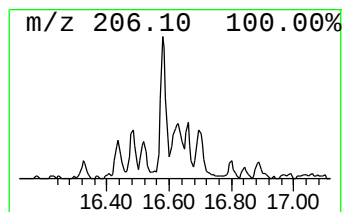
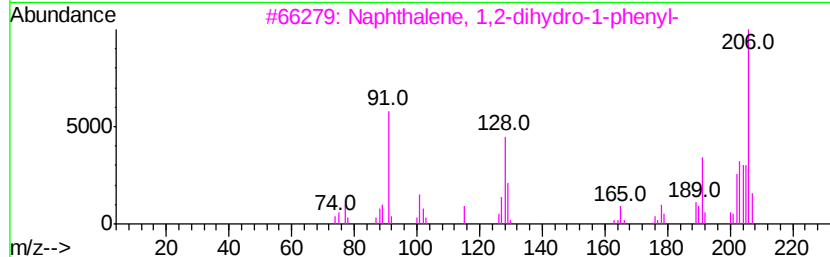
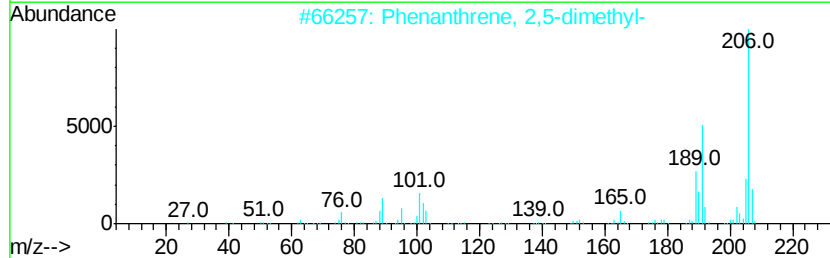
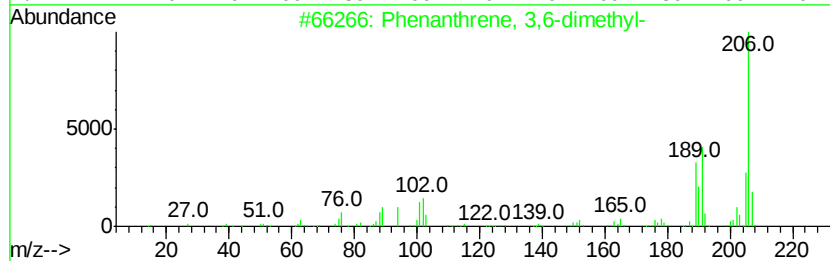
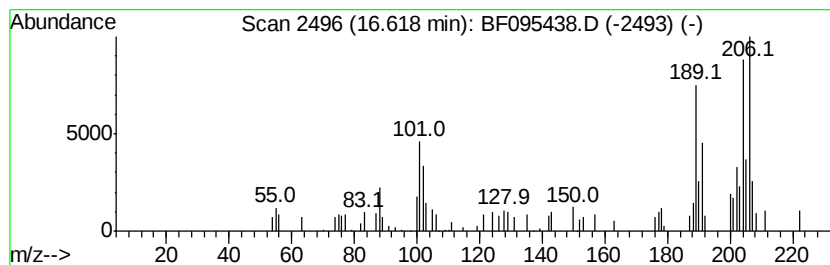
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 3,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.62	2.12 ng	70393	Phenanthrene-d10		15.00
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	55
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	42
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	42
4	9,10-Dimethylantracene	206	C16H14	000781-43-1	41
5	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
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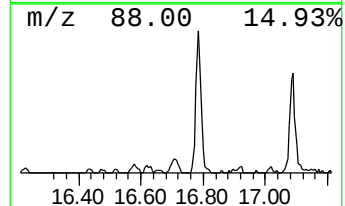
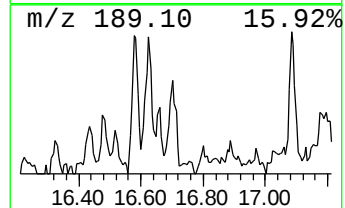
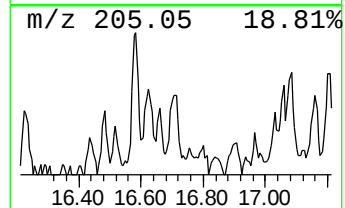
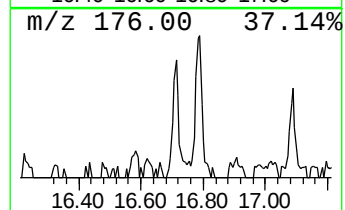
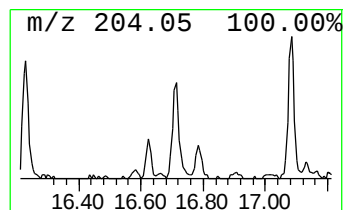
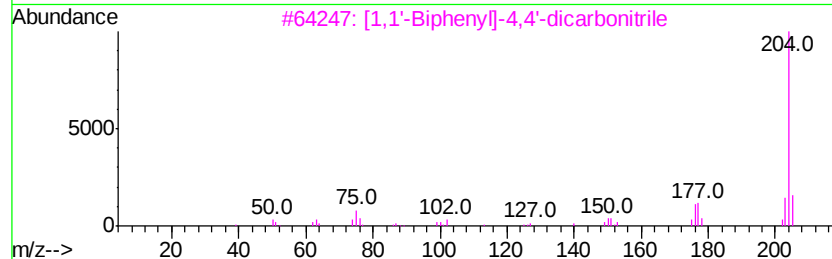
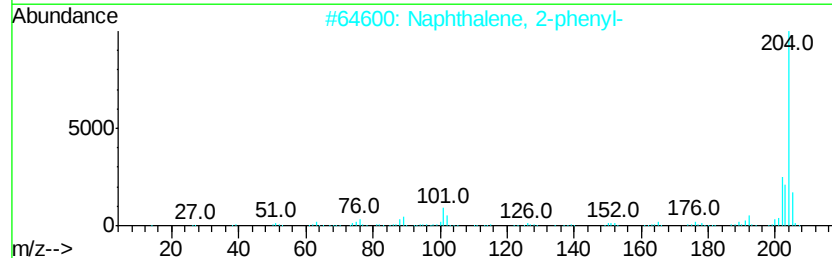
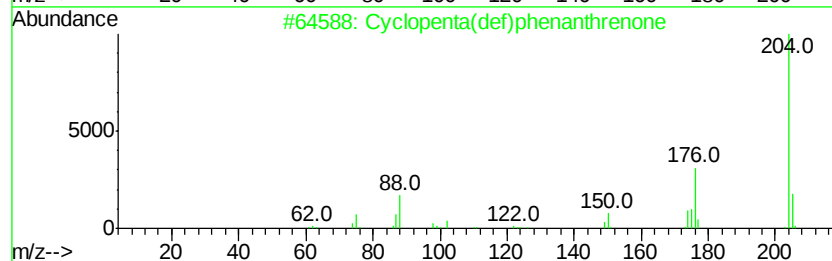
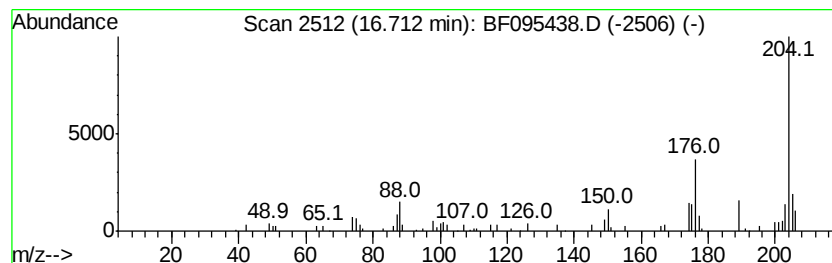
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	2.84 ng	94035	Phenanthrene-d10	15.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
3			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	55
5			Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
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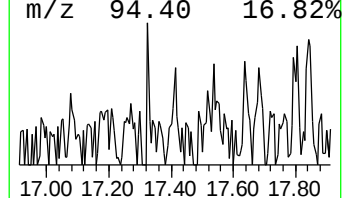
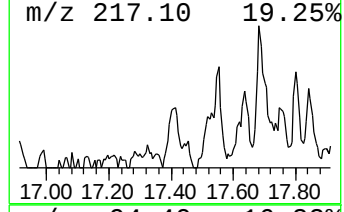
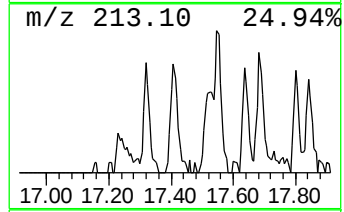
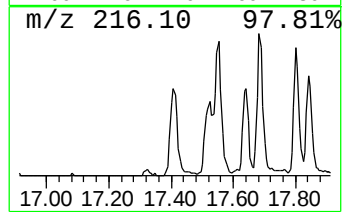
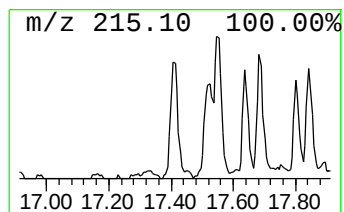
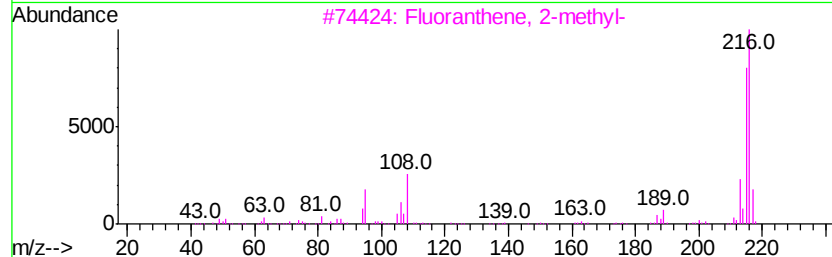
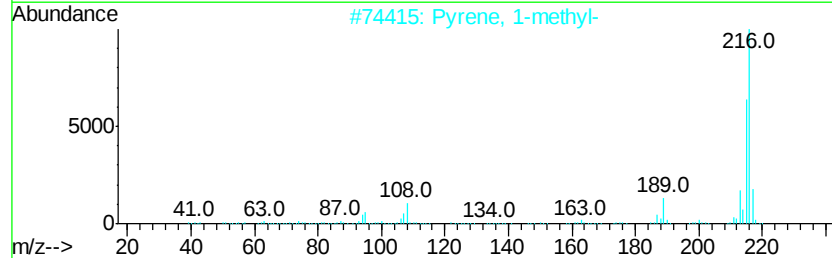
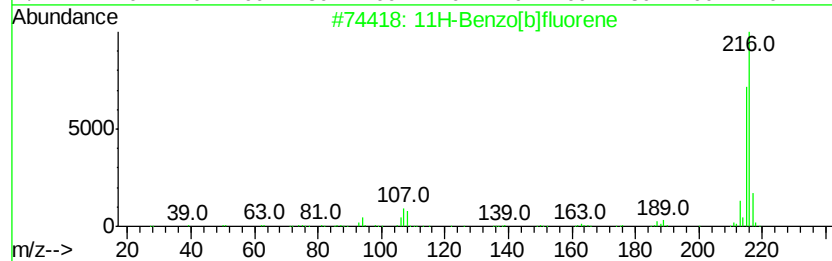
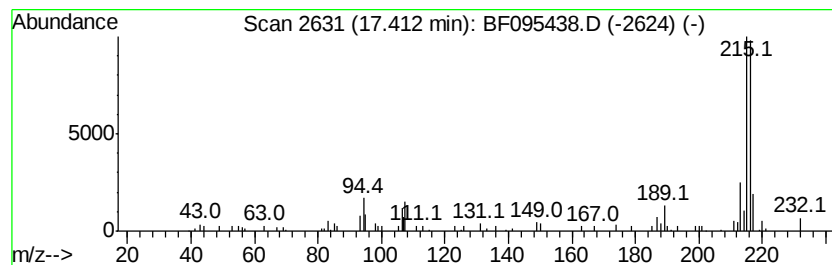
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	2.47 ng	119024	Chrysene-d12	18.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	62



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
Data File : BF095438.D
Acq On : 25 May 2017 23:04
Operator : SJ/MA
Sample : I3200-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

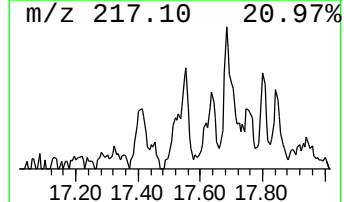
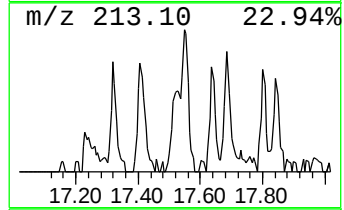
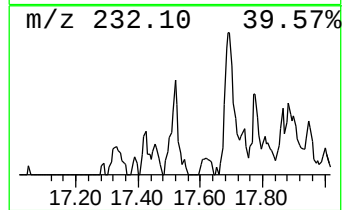
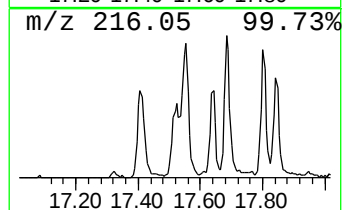
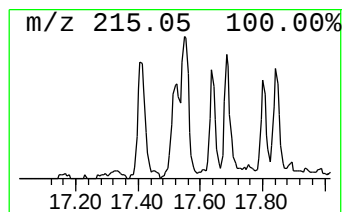
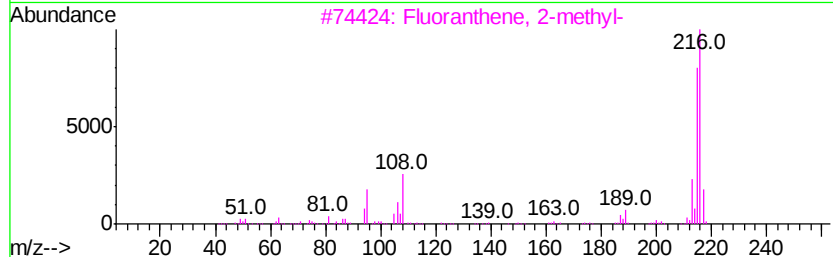
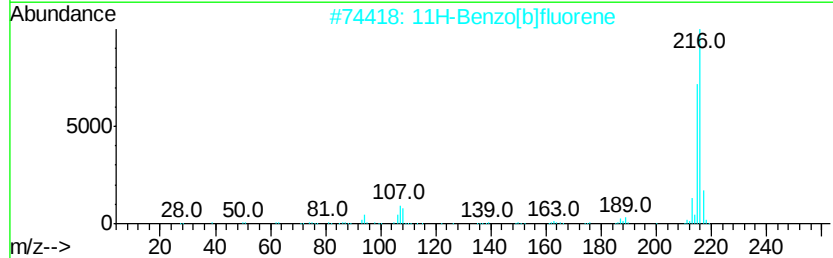
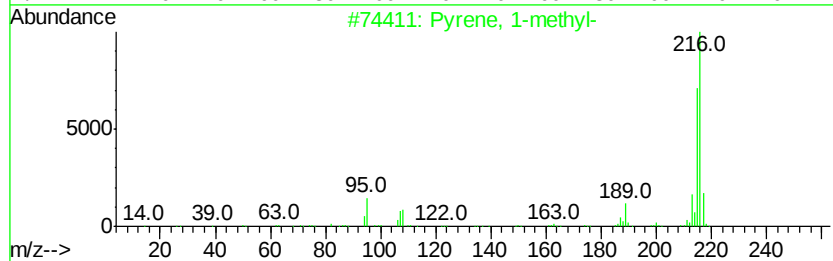
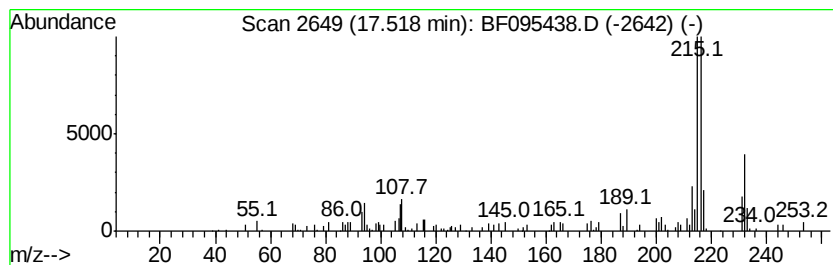
Instrument :
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ClientSampleId :
POST-EX-36-20170517

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 12 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.52	2.40 ng	115776	Chrysene-d12	18.68	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052517\
Data File : BF095438.D
Acq On : 25 May 2017 23:04
Operator : SJ/MA
Sample : I3200-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POST-EX-36-20170517

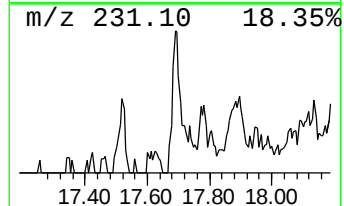
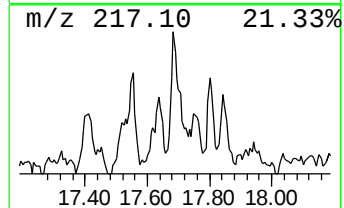
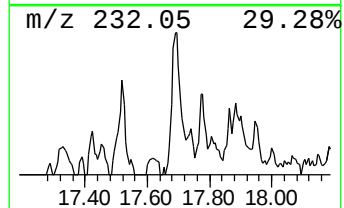
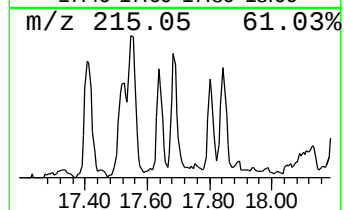
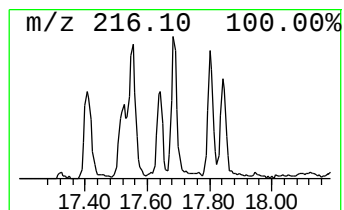
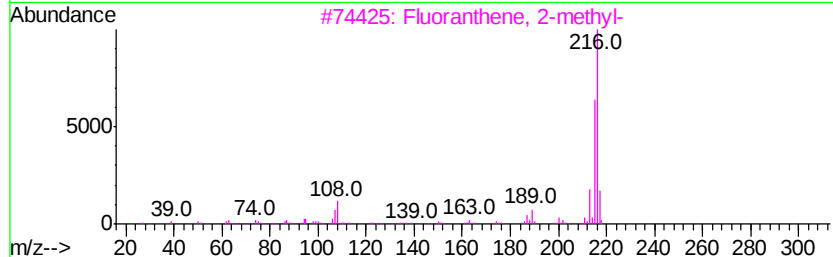
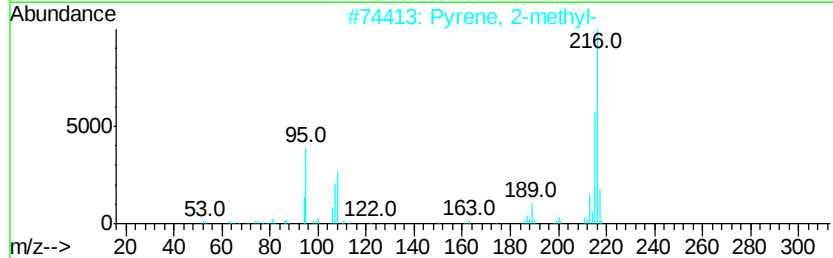
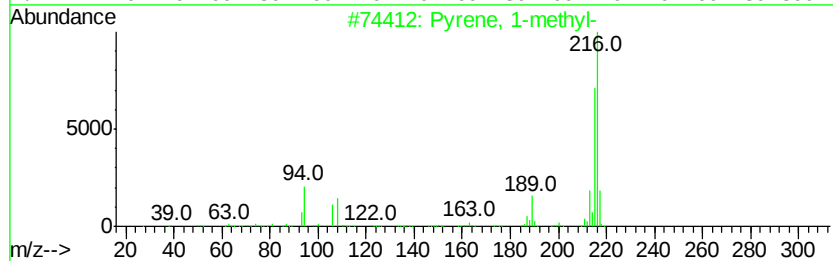
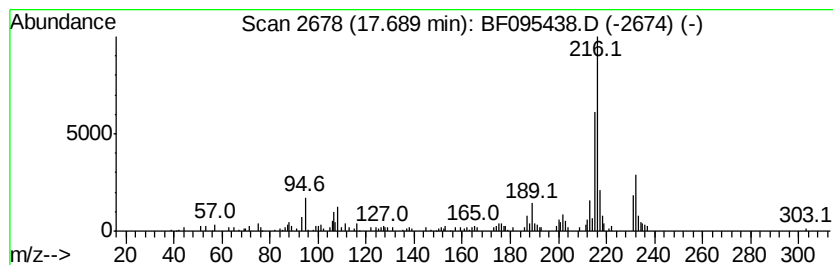
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	4.82 ng	232715	Chrysene-d12	18.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052517\
Data File : BF095438.D
Acq On : 25 May 2017 23:04
Operator : SJ/MA
Sample : I3200-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

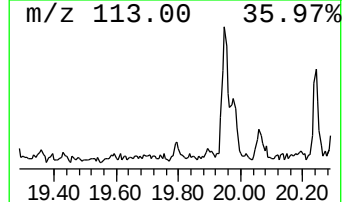
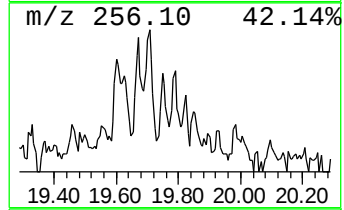
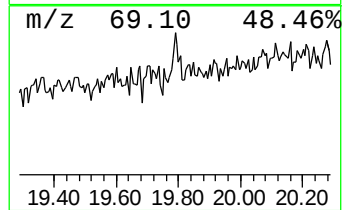
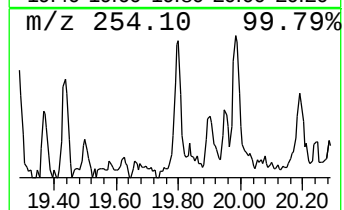
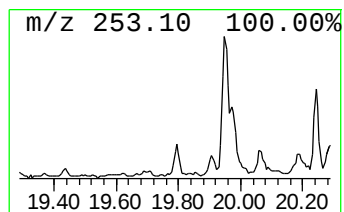
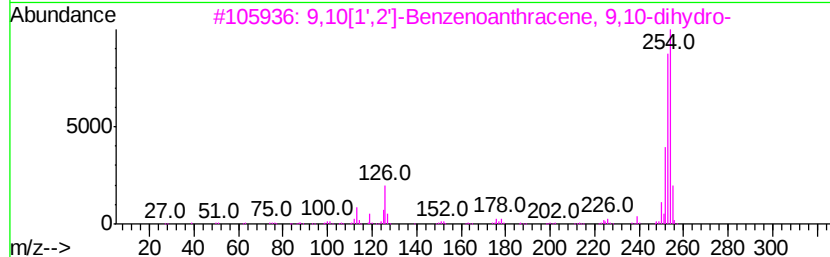
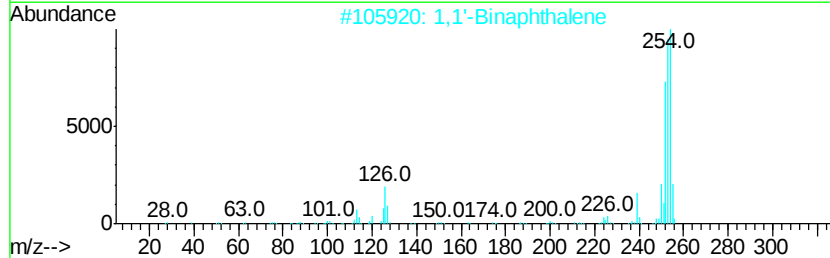
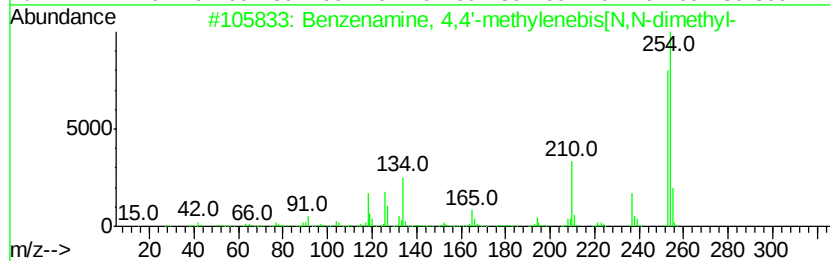
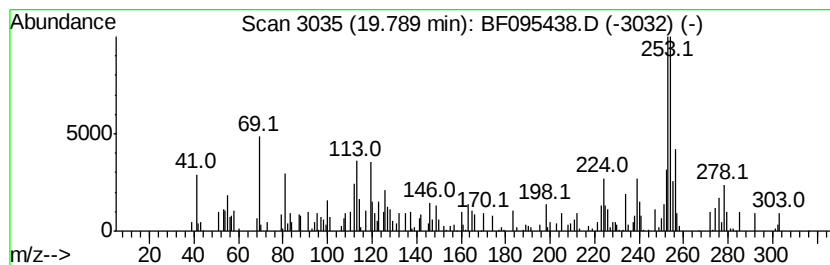
Instrument :
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ClientSampleId :
POST-EX-36-20170517

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 14 Benzenamine, 4,4'-methylene... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.79	4.06 ng	84500	Perylene-d12	20.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4,4'-methylenebis[N...	254	C17H22N2	000101-61-1	55
2	1,1'-Binaphthalene	254	C20H14	000604-53-5	49
3	9,10[1',2']-Benzenanthracene, 9...	254	C20H14	000477-75-8	46
4	1,2'-Binaphthalene	254	C20H14	004325-74-0	46
5	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052517\
 Data File : BF095438.D
 Acq On : 25 May 2017 23:04
 Operator : SJ/MA
 Sample : I3200-03 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-36-20170517

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...	5.08	5.7	ng	157633	1	7.74	551771	20.0
unknown7.42	7.42	39.7	ng	1096390	1	7.74	551771	20.0
Phenanthrene, 1-m...	15.79	3.5	ng	115171	4	15.00	663075	20.0
Anthracene, 9-met...	15.83	4.2	ng	140701	4	15.00	663075	20.0
Benzaldehyde, 3,5...	15.94	5.8	ng	193591	4	15.00	663075	20.0
5H-Dibenzo[a,d]cy...	15.98	2.5	ng	82580	4	15.00	663075	20.0
Phenanthrene, 2,5...	16.58	3.7	ng	122722	4	15.00	663075	20.0
Phenanthrene, 3,6...	16.62	2.1	ng	70393	4	15.00	663075	20.0
Cyclopenta(def)ph...	16.71	2.8	ng	94035	4	15.00	663075	20.0
11H-Benzo[b]fluorene	17.41	2.5	ng	119024	5	18.68	965075	20.0
Pyrene, 1-methyl-	17.52	2.4	ng	115776	5	18.68	965075	20.0
Fluoranthene, 2-m...	17.69	4.8	ng	232715	5	18.68	965075	20.0
Benzenamine, 4,4'...	19.79	4.1	ng	84500	6	20.36	416515	20.0