

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
 Data File : BF095757.D
 Acq On : 7 Jun 2017 21:07
 Operator : SJ/MA
 Sample : I3500-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-060617

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	4.563	502	506	523	rBV3	24538	54977	7.32%	0.442%
2	5.275	623	627	646	rBV	278007	592448	78.85%	4.759%
3	6.940	907	910	923	rBV	315620	592055	78.80%	4.756%
4	7.040	923	927	941	rVB	480971	751374	100.00%	6.036%
5	7.381	981	985	998	rBV	311619	404576	53.84%	3.250%
6	7.622	1021	1026	1036	rBV	398877	525080	69.88%	4.218%
7	8.292	1136	1140	1160	rBV	243935	365915	48.70%	2.939%
8	9.416	1326	1331	1346	rBV	440400	533082	70.95%	4.282%
9	10.733	1552	1555	1563	rBB	10383	14066	1.87%	0.113%
10	11.192	1629	1633	1647	rBV	667110	750251	99.85%	6.027%
11	11.722	1718	1723	1727	rBV	17989	23823	3.17%	0.191%
12	11.763	1727	1730	1734	rVB	8773	11216	1.49%	0.090%
13	11.839	1739	1743	1747	rBV	8193	10301	1.37%	0.083%
14	11.886	1747	1751	1764	rBV	173778	213551	28.42%	1.715%
15	12.010	1768	1772	1779	rBV	39431	56245	7.49%	0.452%
16	12.239	1806	1811	1817	rBV2	419052	518118	68.96%	4.162%
17	12.286	1817	1819	1827	rVB2	25396	32814	4.37%	0.264%
18	12.610	1872	1874	1878	rVB	9628	10241	1.36%	0.082%
19	12.674	1879	1885	1888	rBV	12142	15411	2.05%	0.124%
20	12.786	1901	1904	1908	rBV3	15555	21055	2.80%	0.169%
21	12.933	1922	1929	1931	rBV2	6520	11429	1.52%	0.092%
22	13.092	1949	1956	1960	rBV3	15604	30223	4.02%	0.243%
23	13.133	1960	1963	1973	rVB2	29843	45311	6.03%	0.364%
24	13.410	2005	2010	2015	rBV5	8258	17656	2.35%	0.142%
25	13.533	2027	2031	2039	rBV	255672	332048	44.19%	2.667%
26	13.763	2067	2070	2073	rBV3	8789	10998	1.46%	0.088%
27	13.874	2084	2089	2100	rBV6	16820	39253	5.22%	0.315%
28	14.033	2109	2116	2119	rBV2	12452	21067	2.80%	0.169%
29	14.074	2119	2123	2128	rVB3	17597	22372	2.98%	0.180%
30	14.263	2150	2155	2158	rBV5	10195	14772	1.97%	0.119%
31	14.363	2168	2172	2177	rVB2	10900	14269	1.90%	0.115%
32	14.463	2186	2189	2194	rVB	18418	25154	3.35%	0.202%
33	14.598	2209	2212	2214	rBV2	12747	15531	2.07%	0.125%
34	14.633	2214	2218	2221	rVV	344695	430957	57.36%	3.462%

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35	14.668	2221	2224	2230	rVB	246379	297231	39.56%	2.388%
36	14.757	2235	2239	2249	rVB	57422	79507	10.58%	0.639%
37	14.863	2249	2257	2260	rBV3	13246	21508	2.86%	0.173%
38	15.133	2301	2303	2306	rBV2	10783	10910	1.45%	0.088%
39	15.168	2306	2309	2314	rVB	28642	33197	4.42%	0.267%
40	15.304	2325	2332	2337	rVB5	17357	35836	4.77%	0.288%
41	15.433	2349	2354	2358	rBV	95298	107551	14.31%	0.864%
42	15.480	2358	2362	2367	rVB	88438	107117	14.26%	0.860%
43	15.551	2371	2374	2376	rBV	28213	26373	3.51%	0.212%
44	15.586	2376	2380	2384	rVV2	110338	144091	19.18%	1.157%
45	15.627	2384	2387	2399	rVB	68798	123813	16.48%	0.995%
46	15.751	2402	2408	2411	rBV6	7127	10585	1.41%	0.085%
47	15.786	2411	2414	2420	rBV3	16819	24203	3.22%	0.194%
48	15.886	2427	2431	2436	rVV2	48747	69489	9.25%	0.558%
49	15.945	2439	2441	2446	rVB3	18675	24571	3.27%	0.197%
50	16.057	2451	2460	2463	rBV5	14602	25970	3.46%	0.209%
51	16.098	2463	2467	2470	rBV3	18564	24436	3.25%	0.196%
52	16.145	2471	2475	2478	rVV	30006	35229	4.69%	0.283%
53	16.180	2478	2481	2485	rVB	19469	22110	2.94%	0.178%
54	16.245	2487	2492	2496	rBV	96757	131186	17.46%	1.054%
55	16.286	2496	2499	2503	rVV3	46941	64630	8.60%	0.519%
56	16.321	2503	2505	2509	rVB2	24903	24827	3.30%	0.199%
57	16.362	2509	2512	2517	rVB	60581	80423	10.70%	0.646%
58	16.445	2520	2526	2532	rBV	342767	418721	55.73%	3.364%
59	16.498	2532	2535	2539	rVB3	20345	26034	3.46%	0.209%
60	16.551	2539	2544	2547	rBV4	36518	45149	6.01%	0.363%
61	16.580	2547	2549	2552	rVB	28098	28605	3.81%	0.230%
62	16.645	2556	2560	2564	rBV2	22716	32267	4.29%	0.259%
63	16.692	2564	2568	2571	rBV5	23512	26764	3.56%	0.215%
64	16.751	2573	2578	2583	rBV	452838	500241	66.58%	4.018%
65	16.833	2588	2592	2596	rBV3	21873	31647	4.21%	0.254%
66	16.874	2596	2599	2604	rVB	31578	39138	5.21%	0.314%
67	16.945	2608	2611	2615	rVB2	26931	29465	3.92%	0.237%
68	17.004	2616	2621	2627	rVB	502042	557709	74.23%	4.480%
69	17.074	2627	2633	2637	rBV3	44224	70470	9.38%	0.566%
70	17.198	2648	2654	2655	rBV4	37434	66865	8.90%	0.537%
71	17.221	2655	2658	2663	rVB	71751	90988	12.11%	0.731%

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72	17.274	2663	2667	2668	rBV4	15369	16972	2.26%	0.136%
73	17.304	2669	2672	2676	rVB	37925	44237	5.89%	0.355%
74	17.351	2676	2680	2688	rBV2	70644	113082	15.05%	0.908%
75	17.468	2696	2700	2703	rVB	59387	66912	8.91%	0.538%
76	17.509	2703	2707	2710	rBV	47176	49457	6.58%	0.397%
77	17.651	2728	2731	2735	rVB5	10203	13653	1.82%	0.110%
78	17.721	2739	2743	2745	rBV5	20297	25400	3.38%	0.204%
79	17.798	2754	2756	2759	rVB4	20492	21769	2.90%	0.175%
80	17.862	2764	2767	2769	rBV3	22422	28045	3.73%	0.225%
81	17.904	2772	2774	2778	rVV	34137	36685	4.88%	0.295%
82	17.968	2783	2785	2788	rBV2	19300	15045	2.00%	0.121%
83	18.021	2790	2794	2797	rBV2	47659	59394	7.90%	0.477%
84	18.051	2797	2799	2802	rVB2	51051	50697	6.75%	0.407%
85	18.086	2802	2805	2807	rBV	24409	22545	3.00%	0.181%
86	18.127	2809	2812	2815	rVB	23714	28049	3.73%	0.225%
87	18.180	2819	2821	2824	rBV	16794	16138	2.15%	0.130%
88	18.262	2829	2835	2843	rBV5	32753	94193	12.54%	0.757%
89	18.345	2843	2849	2853	rBV2	437230	647882	86.23%	5.204%
90	18.380	2853	2855	2864	rVV	170339	198002	26.35%	1.591%
91	18.474	2867	2871	2875	rVB3	30003	40903	5.44%	0.329%
92	18.680	2902	2906	2911	rVB5	36404	49525	6.59%	0.398%
93	18.856	2933	2936	2938	rVB	50756	54017	7.19%	0.434%
94	18.892	2940	2942	2946	rVB	33094	35090	4.67%	0.282%
95	18.968	2953	2955	2958	rVB4	31781	28282	3.76%	0.227%
96	19.009	2958	2962	2963	rBV3	29089	40382	5.37%	0.324%
97	19.615	3061	3065	3068	rBV	116519	155876	20.75%	1.252%
98	19.903	3111	3114	3119	rBV	79636	88968	11.84%	0.715%
99	19.962	3121	3124	3128	rBV	102719	111016	14.78%	0.892%
100	20.015	3129	3133	3137	rBV	246697	279945	37.26%	2.249%

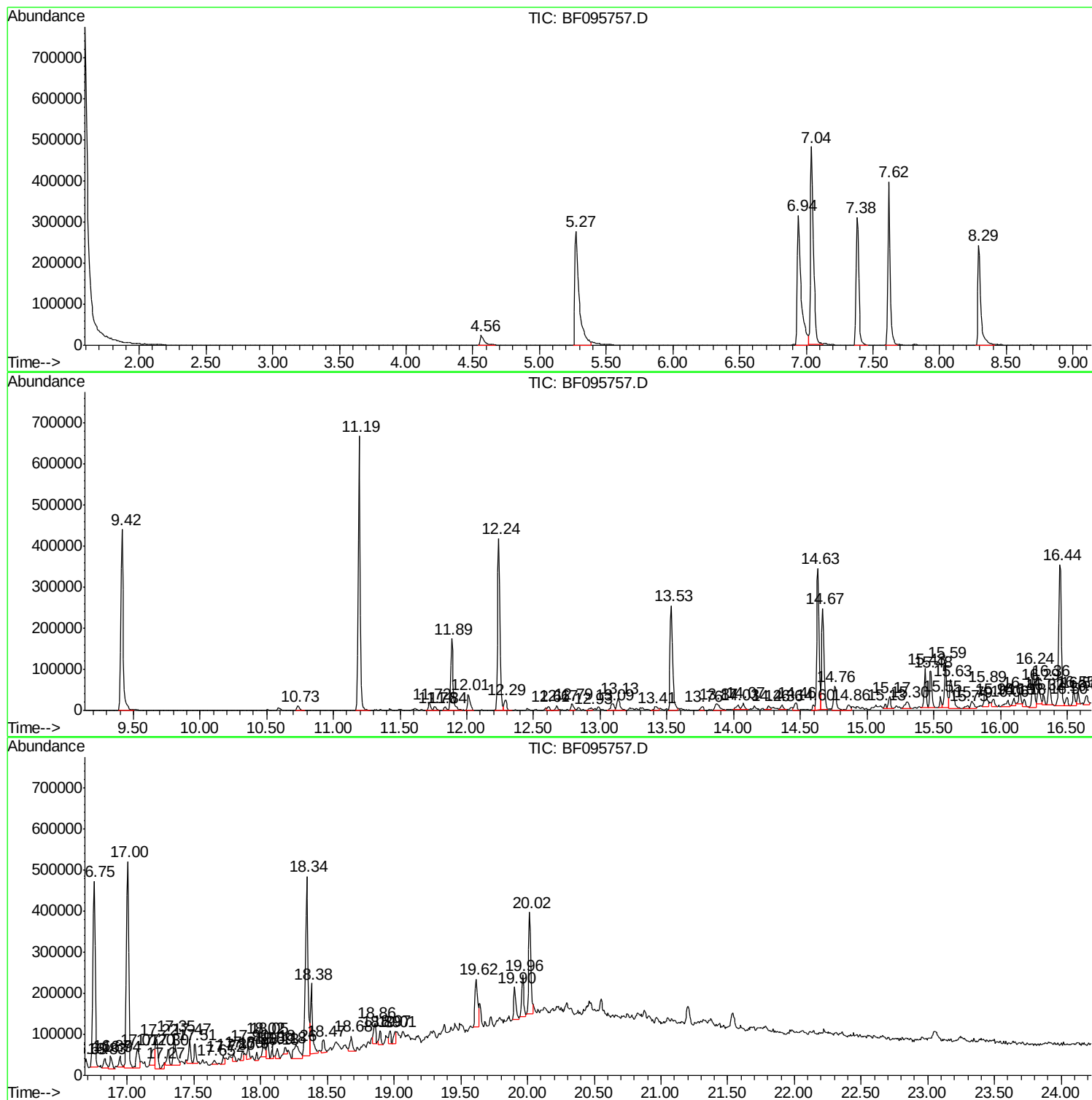
Sum of corrected areas: 12448656

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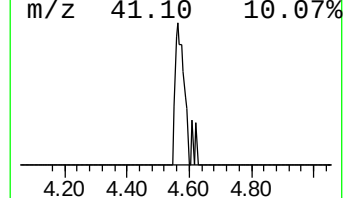
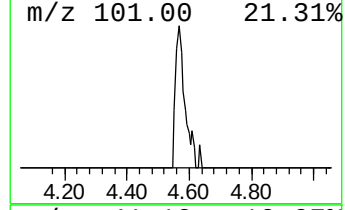
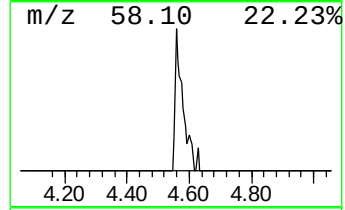
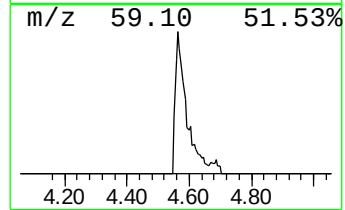
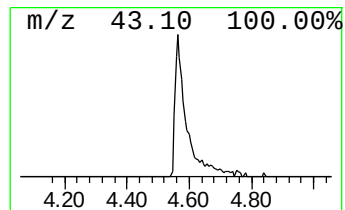
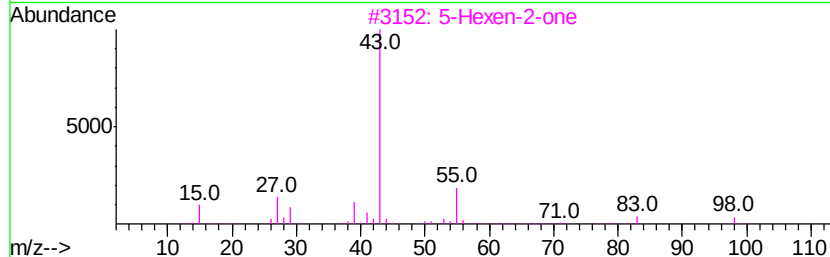
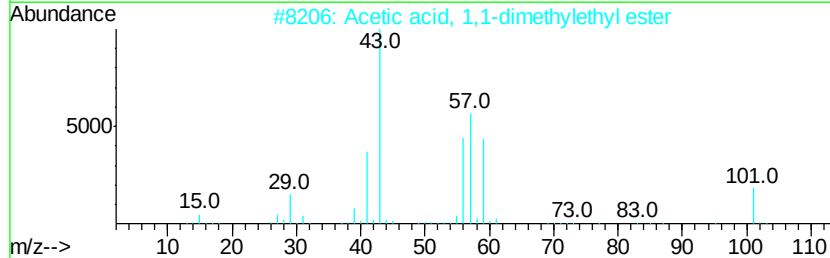
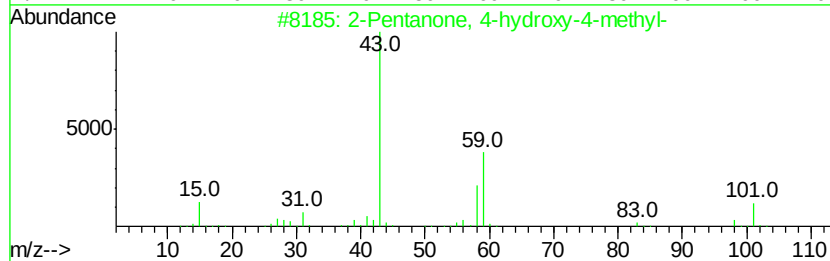
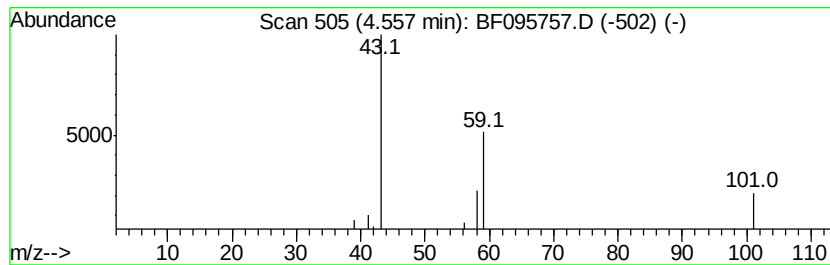
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	2.72 ng	54977	1,4-Dichlorobenzene-d4	7.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	40
3		5-Hexen-2-one	98	C6H10O	000109-49-9	9
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9



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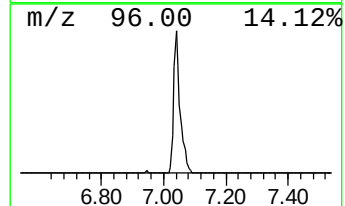
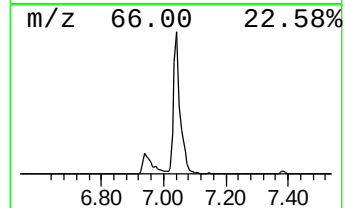
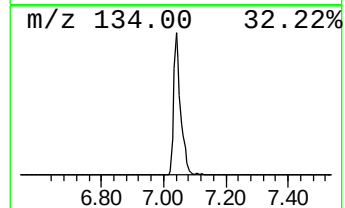
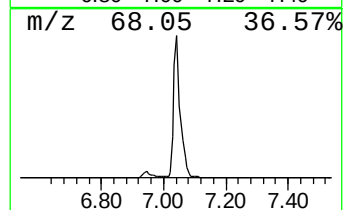
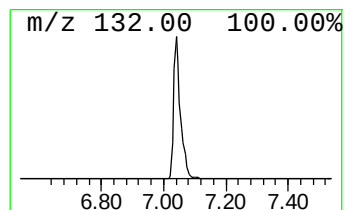
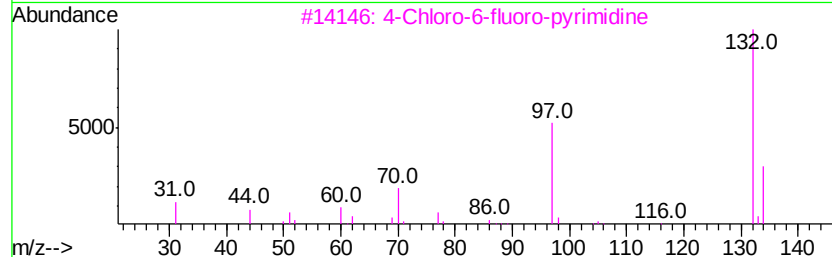
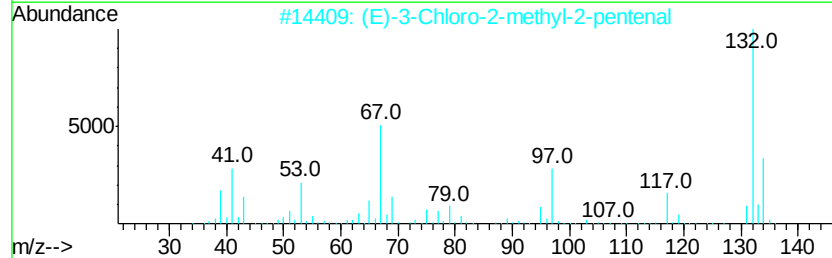
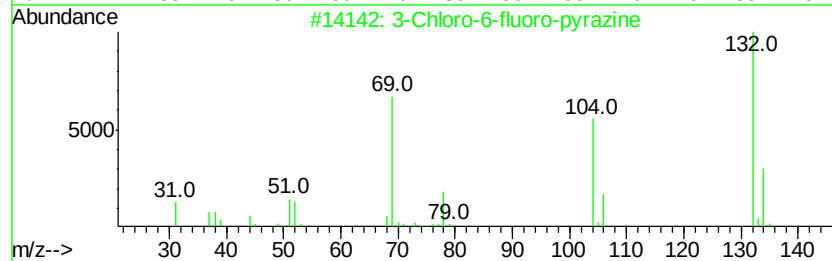
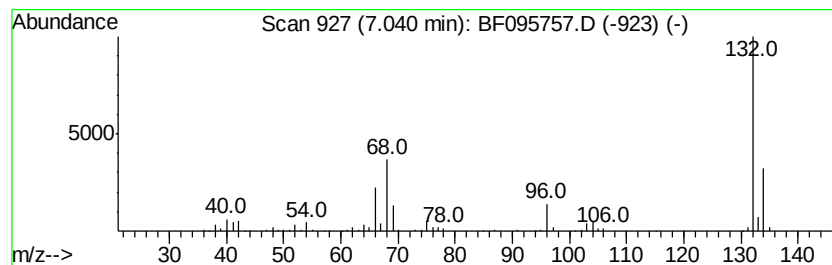
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	37.14 ng	751374	1,4-Dichlorobenzene-d4	7.38

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	17
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5		Xenon	132	Xe	007440-63-3	9



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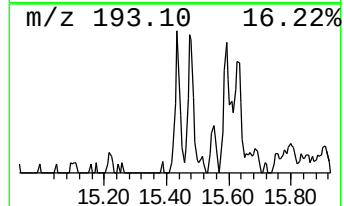
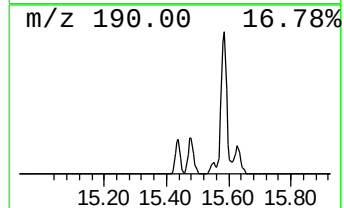
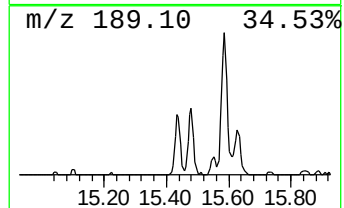
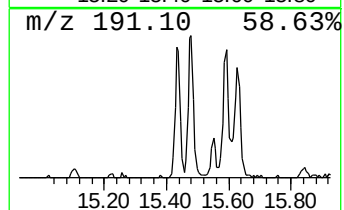
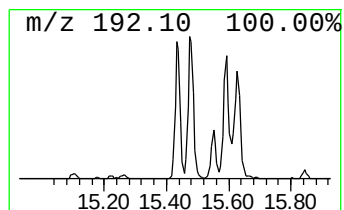
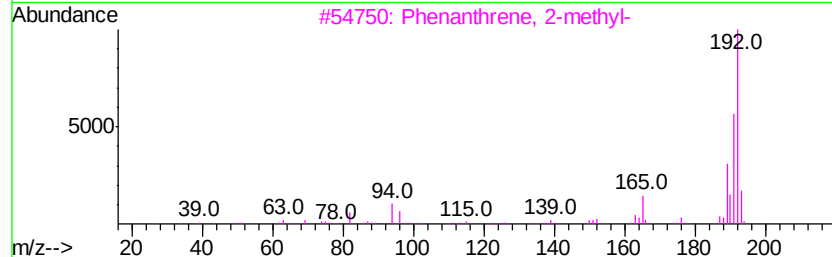
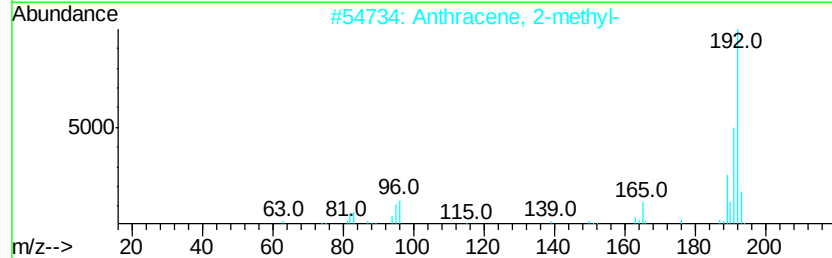
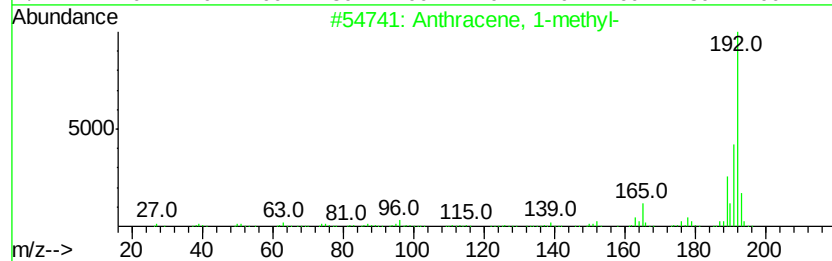
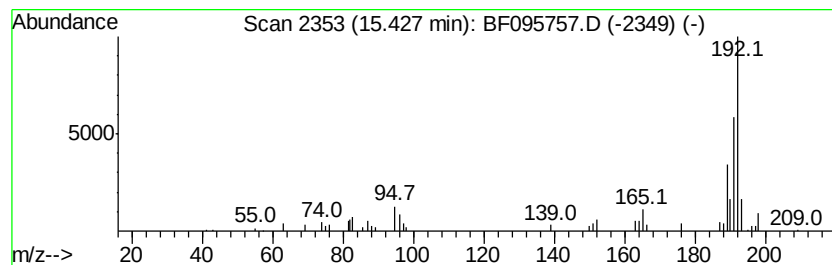
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Peak Number 4 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	4.99 ng	107551	Phenanthrene-d10	14.63

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
Data File : BF095757.D
Acq On : 7 Jun 2017 21:07
Operator : SJ/MA
Sample : I3500-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-060617

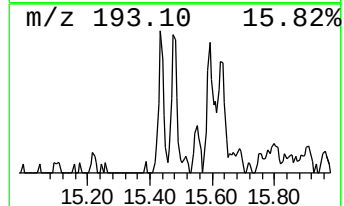
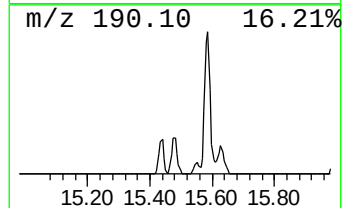
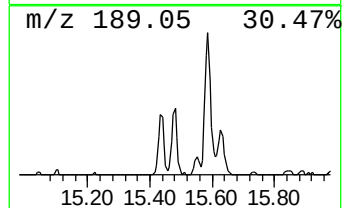
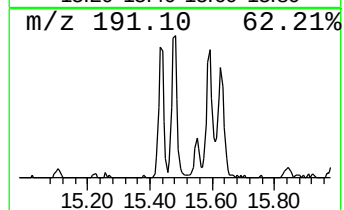
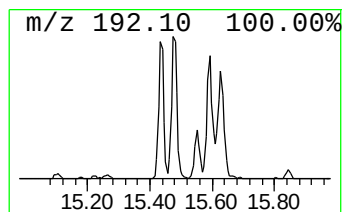
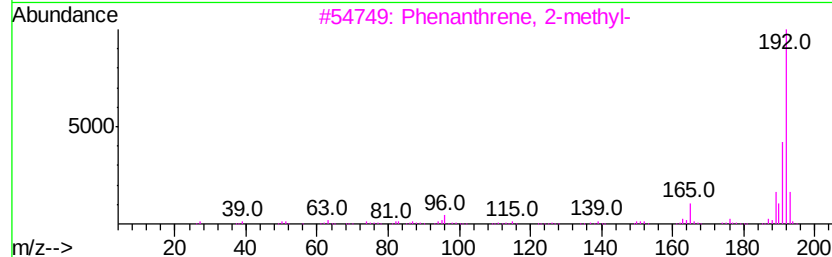
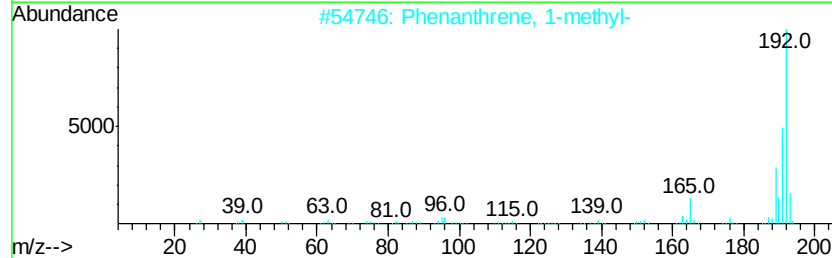
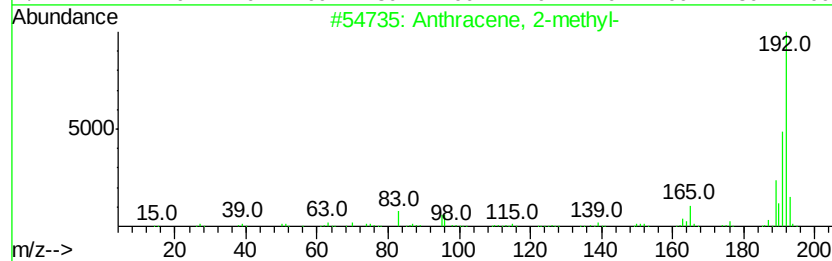
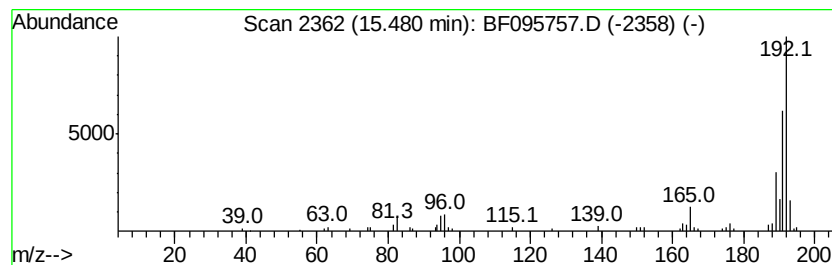
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	4.97 ng	107117	Phenanthrene-d10	14.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060717\
Data File : BF095757.D
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Sample : I3500-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

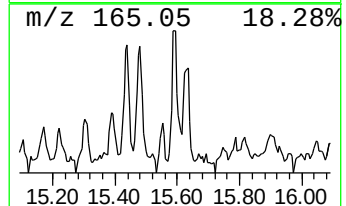
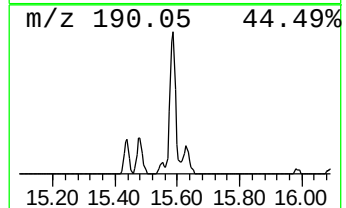
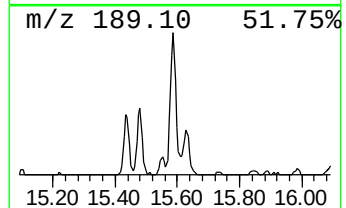
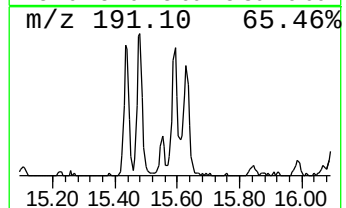
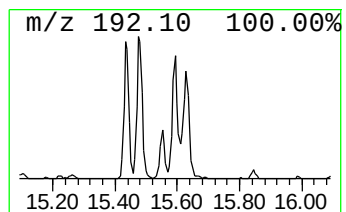
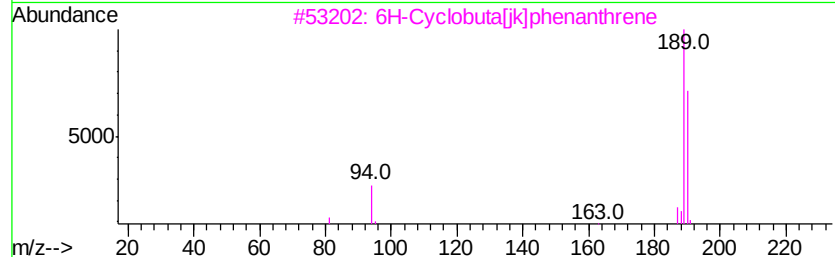
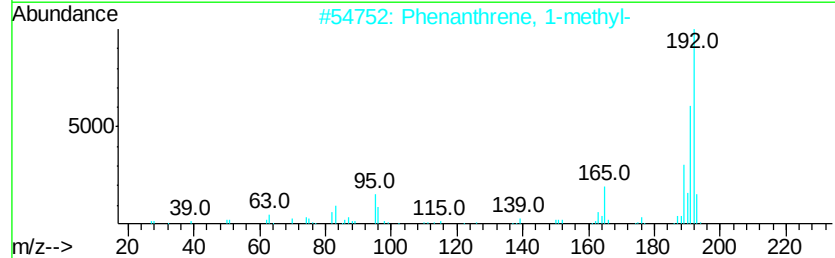
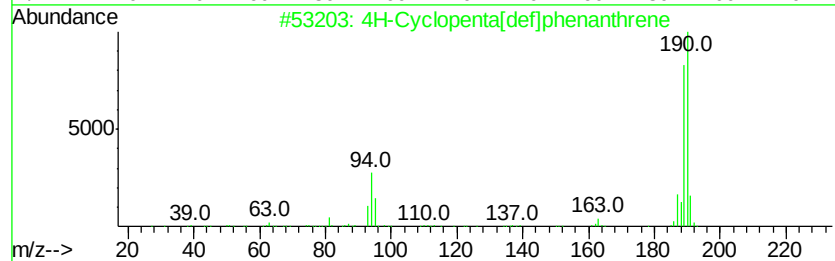
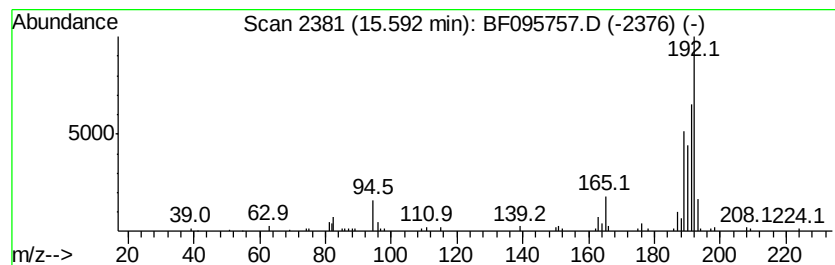
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.59	6.69 ng	144091	Phenanthrene-d10	14.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
3	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	49
4	1a,9b-Dihydro-1H-cyclopropa[alan...]	192	C15H12	006109-24-6	42
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	41



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
Data File : BF095757.D
Acq On : 7 Jun 2017 21:07
Operator : SJ/MA
Sample : I3500-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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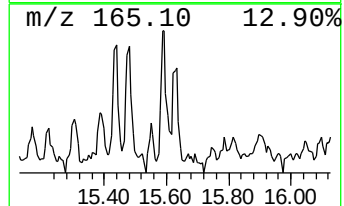
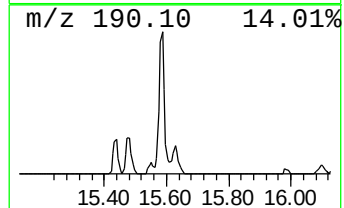
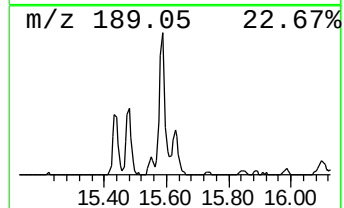
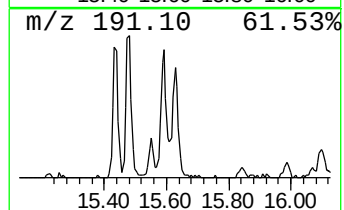
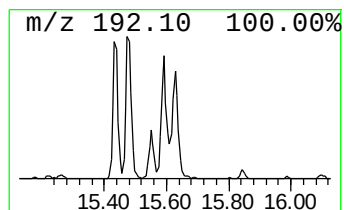
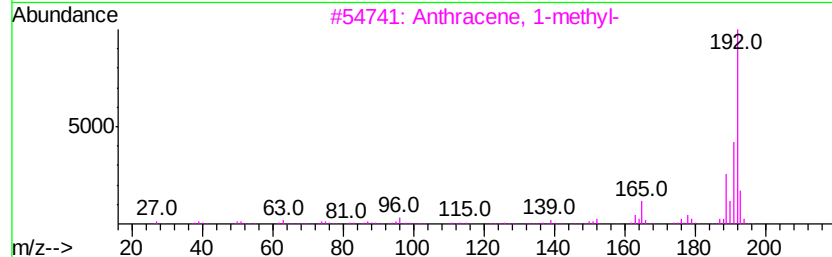
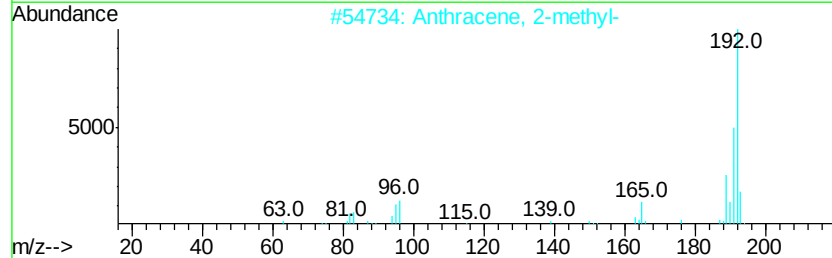
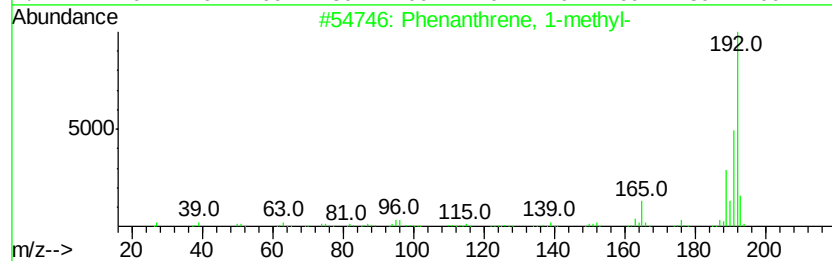
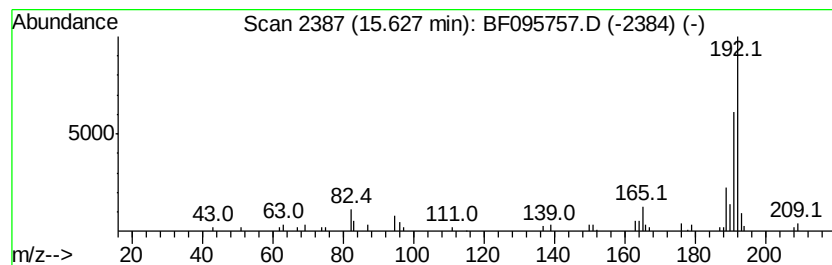
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	5.75 ng	123813	Phenanthrene-d10	14.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	74
5		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
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Operator : SJ/MA
Sample : I3500-01 2X
Misc :
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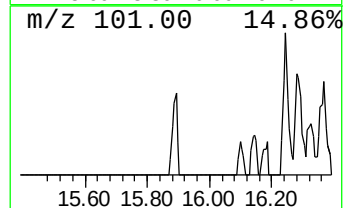
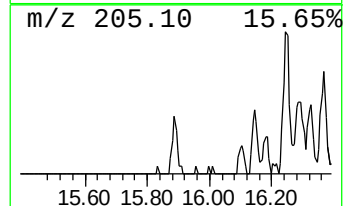
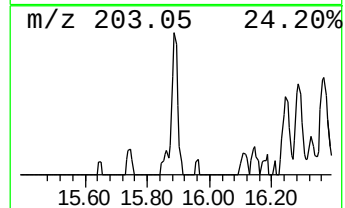
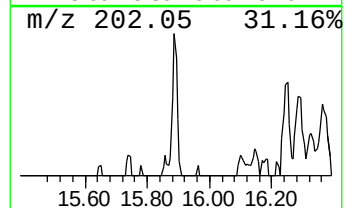
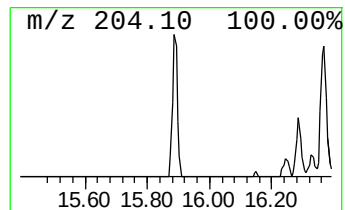
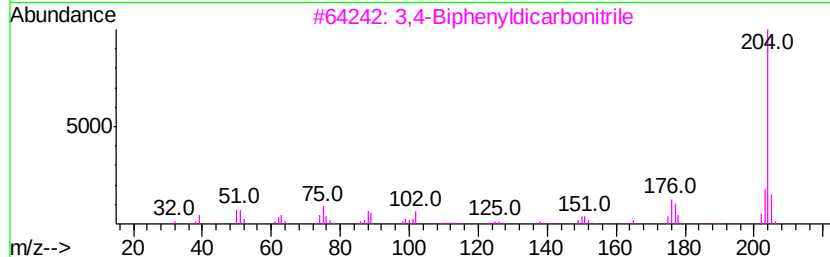
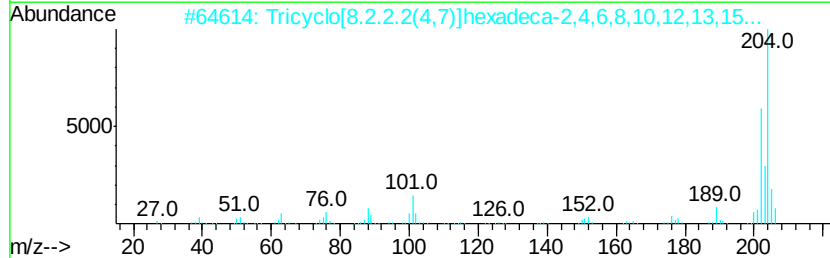
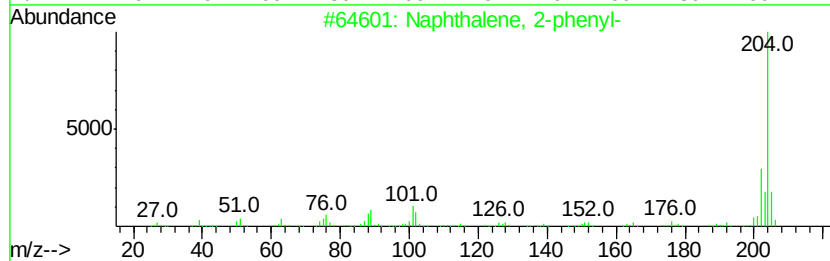
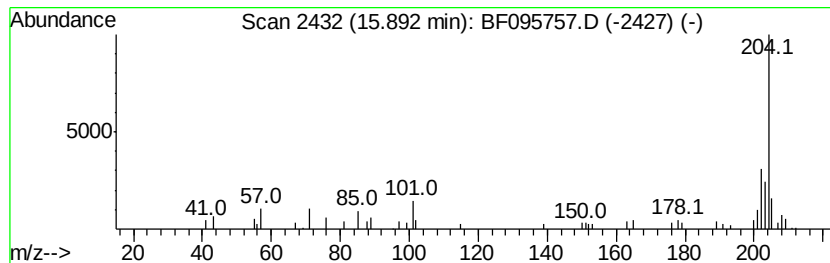
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.89	3.22 ng	69489	Phenanthrene-d10	14.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
3		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	62
4		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	58
5		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060717\
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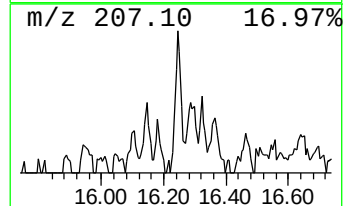
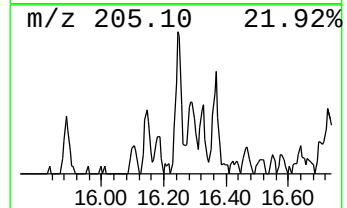
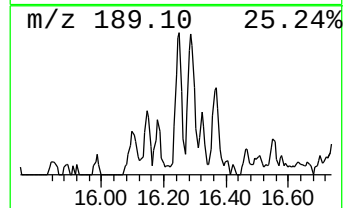
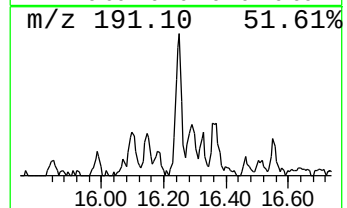
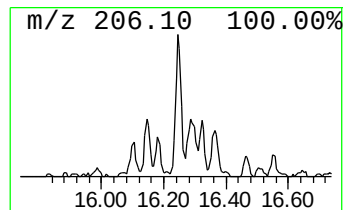
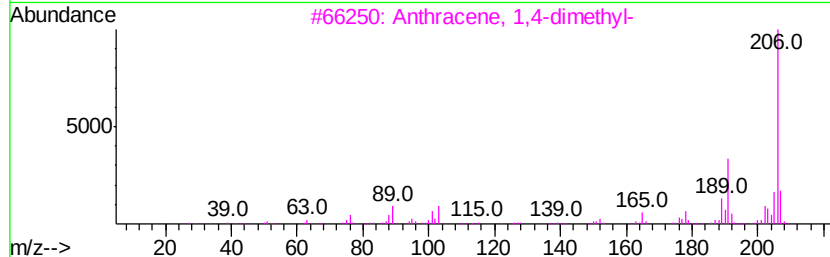
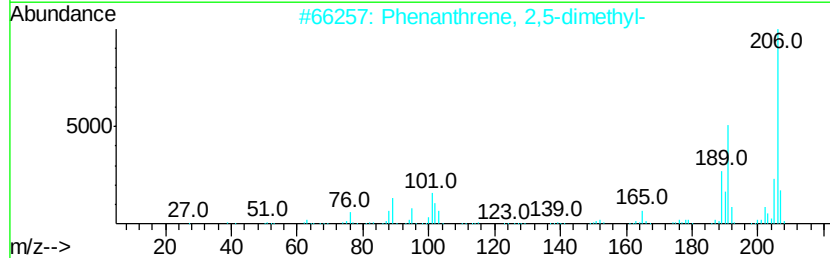
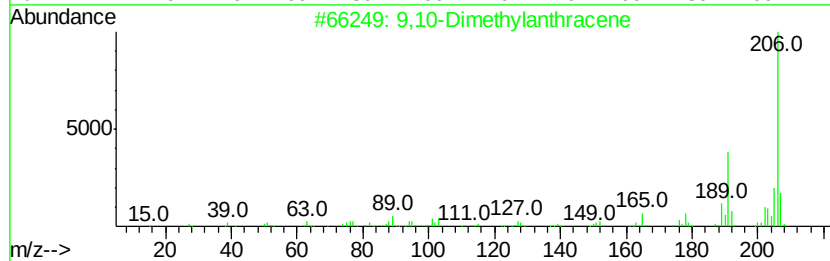
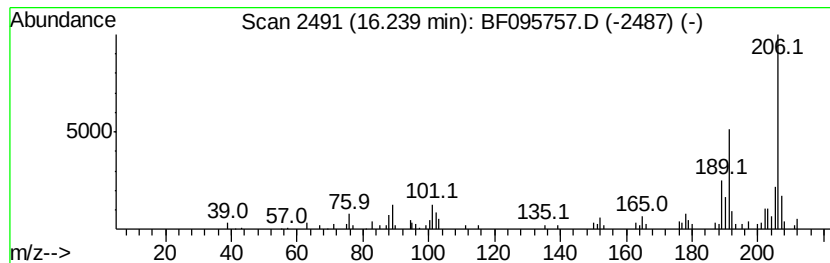
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Dimethylantracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.24	6.09 ng	131186	Phenanthrene-d10	14.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene	206	C16H14	000781-43-1	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060717\
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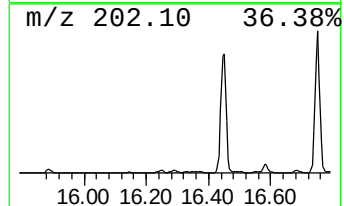
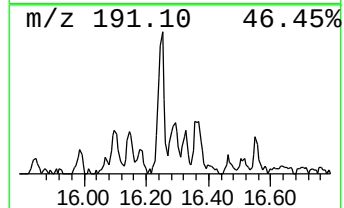
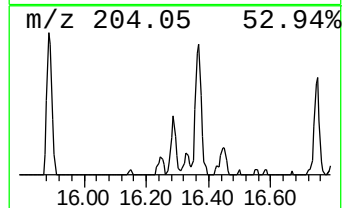
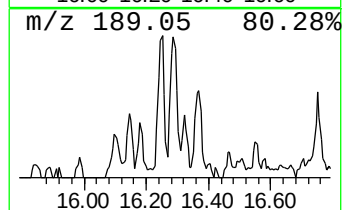
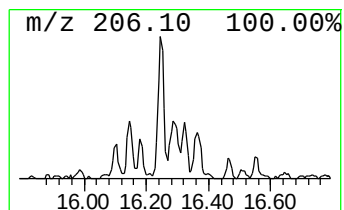
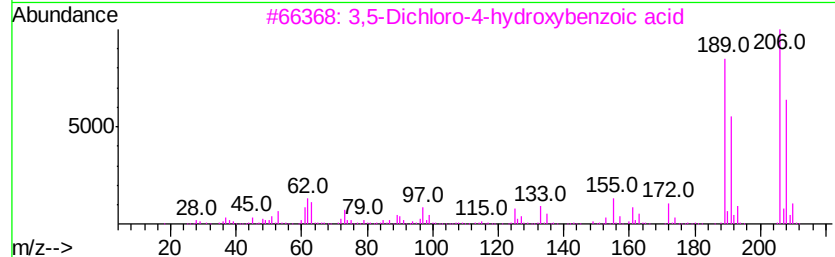
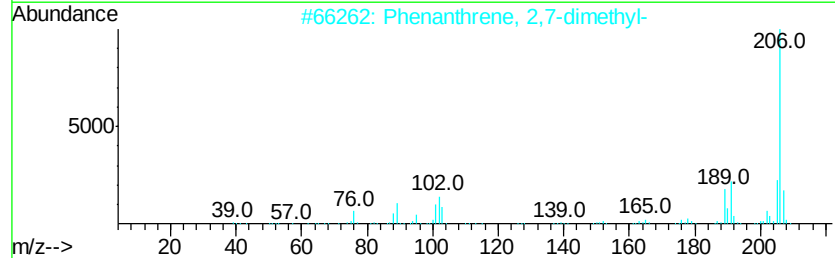
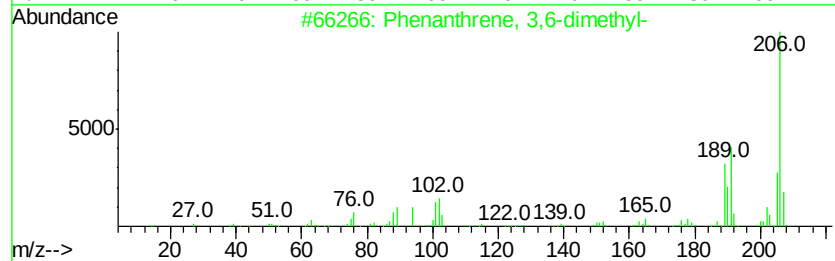
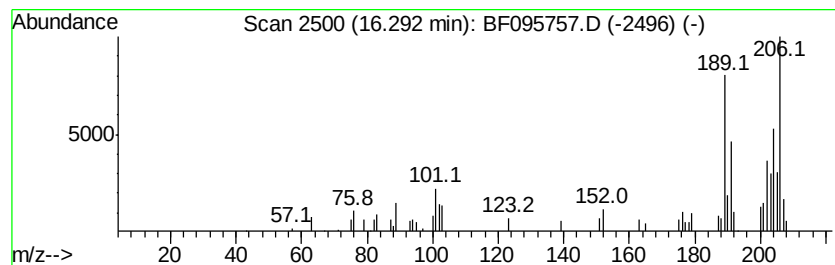
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.29	3.00 ng	64630	Phenanthrene-d10	14.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	50
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	38
3	3,5-Dichloro-4-hydroxybenzoic acid	206	C7H4Cl2O3	003336-41-2	38
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	38
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
Data File : BF095757.D
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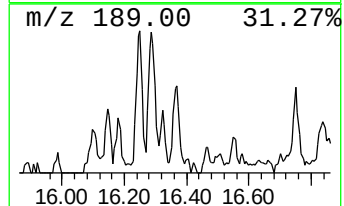
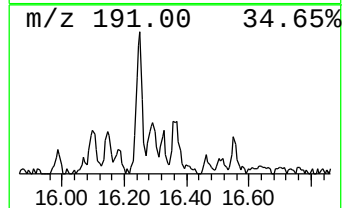
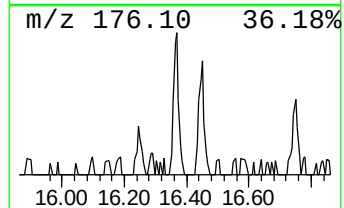
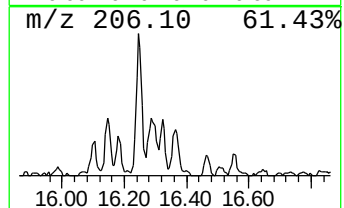
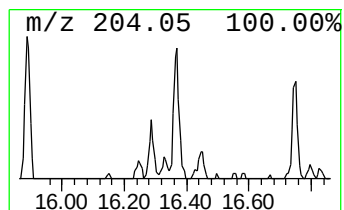
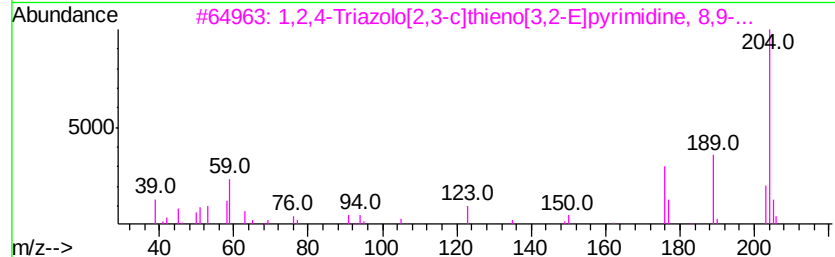
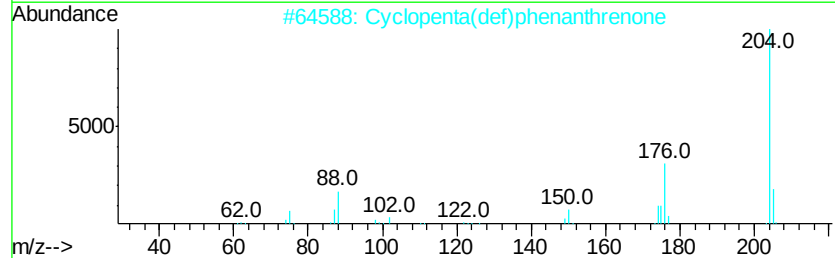
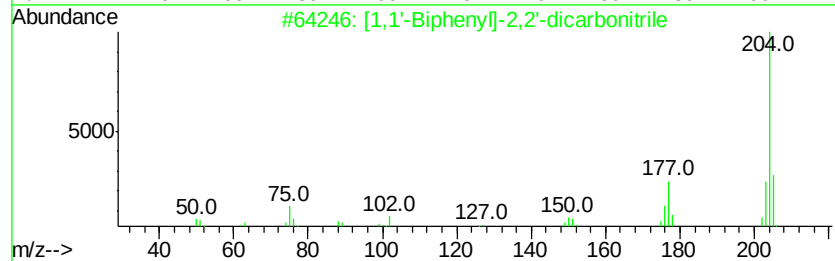
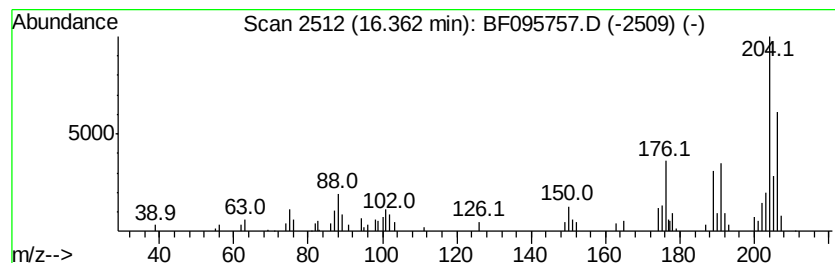
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 [1,1'-Biphenyl]-2,2'-dicarb... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	3.73 ng	80423	Phenanthrene-d10	14.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	55
2		Cyclopenta(def)phenanthrene	204	C15H8O	005737-13-3	50
3		1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	49
4		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	45
5		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
Data File : BF095757.D
Acq On : 7 Jun 2017 21:07
Operator : SJ/MA
Sample : I3500-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-060617

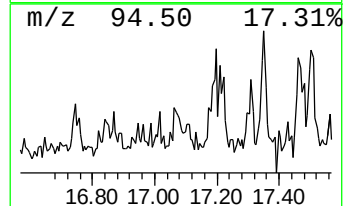
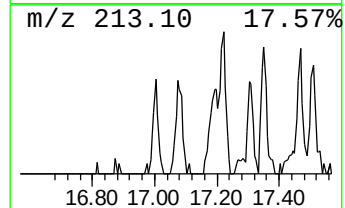
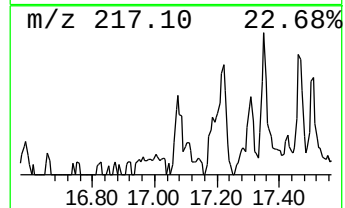
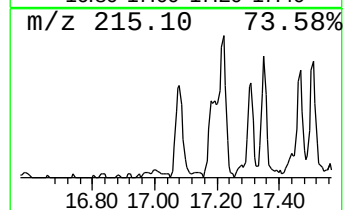
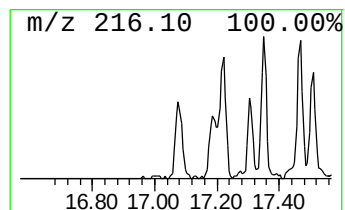
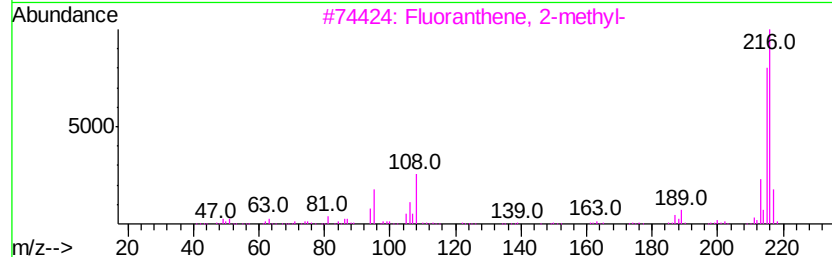
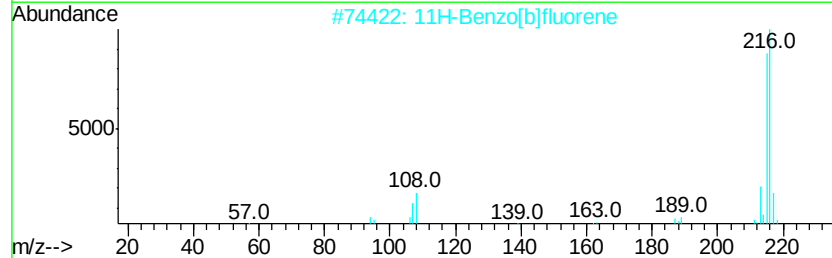
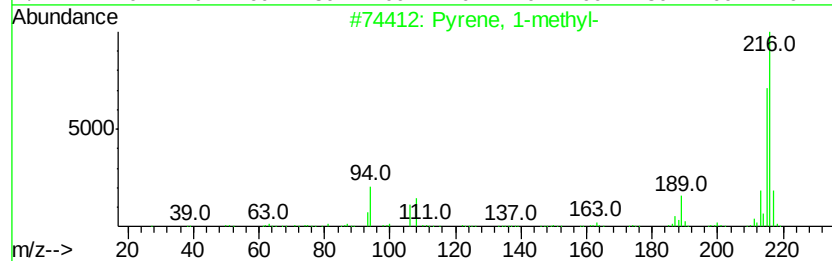
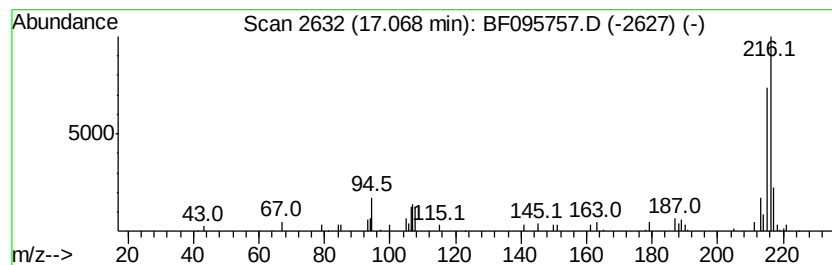
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.07	2.18 ng	70470	Chrysene-d12	18.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	81
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
Data File : BF095757.D
Acq On : 7 Jun 2017 21:07
Operator : SJ/MA
Sample : I3500-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

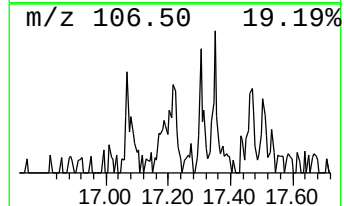
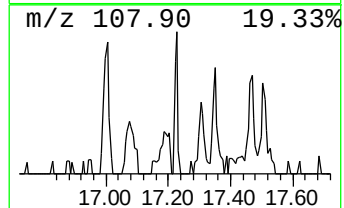
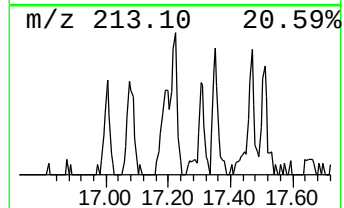
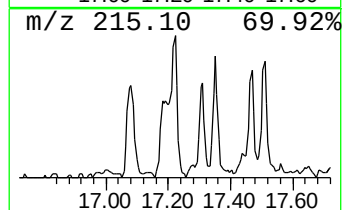
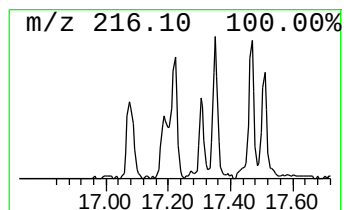
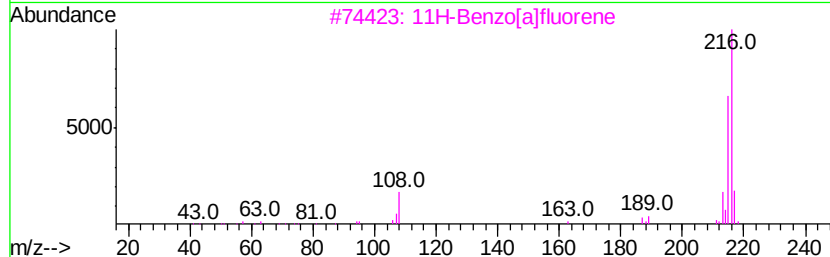
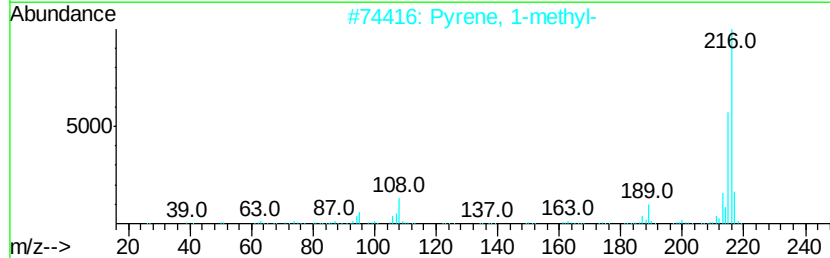
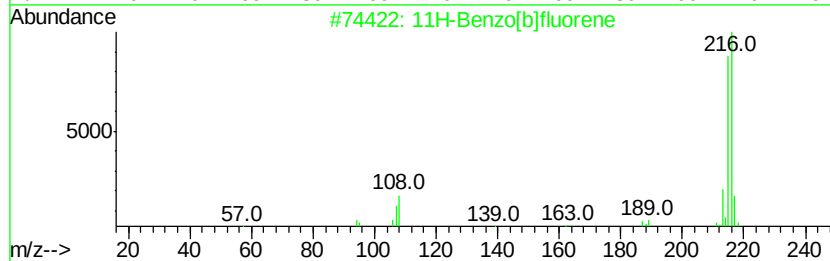
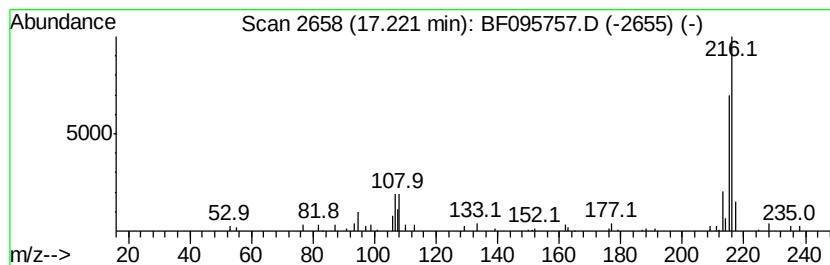
Instrument :
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ClientSampleId :
OR-01-060617

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	2.81 ng	90988	Chrysene-d12	18.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 81
2		Pyrene, 1-methyl-	216 C17H12	002381-21-7 72
3		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 68
4		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 58
5		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
Data File : BF095757.D
Acq On : 7 Jun 2017 21:07
Operator : SJ/MA
Sample : I3500-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-060617

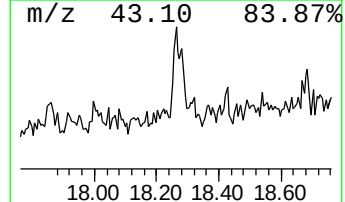
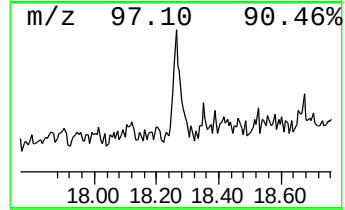
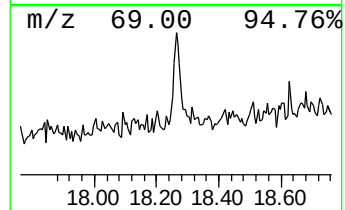
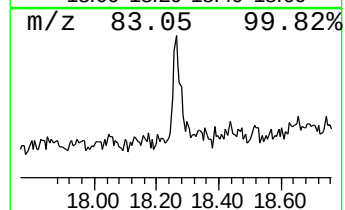
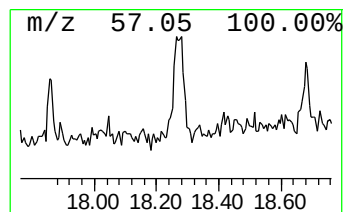
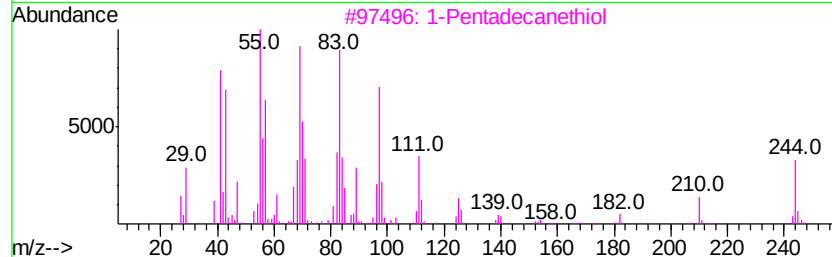
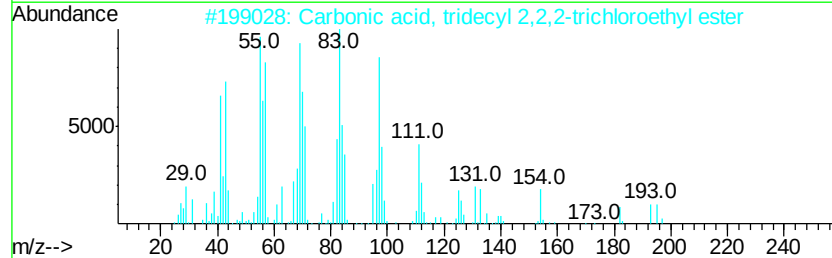
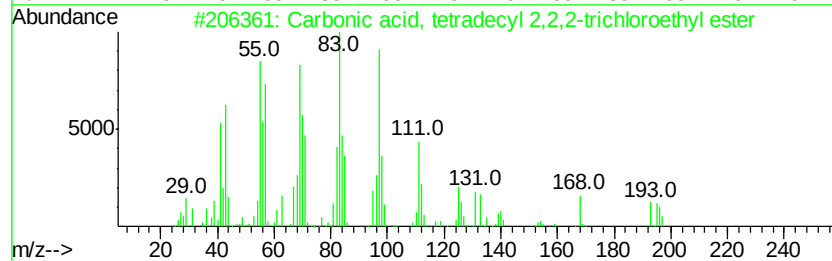
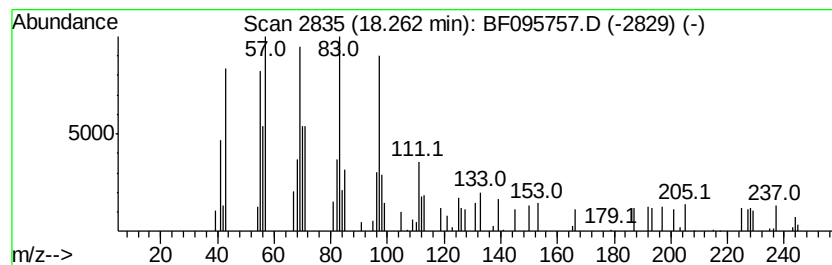
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Carbonic acid, tetradecyl 2... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	2.91 ng	94193	Chrysene-d12	18.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbonic acid, tetradecyl 2,2,2-...	388	C17H31Cl3O3	1000314-56-0	93
2		Carbonic acid, tridecyl 2,2,2-tr...	374	C16H29Cl3O3	1000314-55-9	93
3		1-Pentadecanethiol	244	C15H32S	025276-70-4	91
4		Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	91
5		Carbonic acid, hexadecyl 2,2,2-t...	416	C19H35Cl3O3	1000314-56-2	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060717\
 Data File : BF095757.D
 Acq On : 7 Jun 2017 21:07
 Operator : SJ/MA
 Sample : I3500-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-060617

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...	4.56	2.7	ng	54977	1	7.38	404576	20.0
unknown7.04	7.04	37.1	ng	751374	1	7.38	404576	20.0
Anthracene, 1-met...	15.43	5.0	ng	107551	4	14.63	430957	20.0
Anthracene, 2-met...	15.48	5.0	ng	107117	4	14.63	430957	20.0
4H-Cyclopenta[def...	15.59	6.7	ng	144091	4	14.63	430957	20.0
Phenanthrene, 1-m...	15.63	5.8	ng	123813	4	14.63	430957	20.0
Naphthalene, 2-ph...	15.89	3.2	ng	69489	4	14.63	430957	20.0
9,10-Dimethylanthe...	16.24	6.1	ng	131186	4	14.63	430957	20.0
Phenanthrene, 3,6...	16.29	3.0	ng	64630	4	14.63	430957	20.0
[1,1'-Biphenyl]-2...	16.36	3.7	ng	80423	4	14.63	430957	20.0
Pyrene, 1-methyl-	17.07	2.2	ng	70470	5	18.35	647882	20.0
11H-Benzo[b]fluorene	17.22	2.8	ng	90988	5	18.35	647882	20.0
Carbonic acid, te...	18.26	2.9	ng	94193	5	18.35	647882	20.0