

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
 Data File : BF095568.D
 Acq On : 31 May 2017 17:27
 Operator : SJ/MA
 Sample : I3329-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-3(0-3)

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	4.813	502	506	526	rBV	70541	204275	7.62%	0.483%
2	5.466	614	617	651	rBV	1166035	2325561	86.74%	5.493%
3	7.101	891	895	909	rBV	1445520	2309308	86.13%	5.455%
4	7.207	909	913	927	rVB	1680457	2608816	97.30%	6.162%
5	7.548	968	971	983	rBV	438473	611881	22.82%	1.445%
6	7.654	983	989	1004	rVV	37917	90401	3.37%	0.214%
7	7.790	1007	1012	1028	rVB	1382769	1856454	69.24%	4.385%
8	8.460	1122	1126	1140	rBV	929827	1455983	54.30%	3.439%
9	9.584	1312	1317	1336	rBV	617229	957442	35.71%	2.262%
10	10.460	1461	1466	1481	rBV3	26831	98049	3.66%	0.232%
11	11.360	1612	1619	1632	rBV	2060963	2681165	100.00%	6.333%
12	12.048	1732	1736	1749	rVB	626628	808799	30.17%	1.910%
13	12.183	1755	1759	1766	rBV	146580	188411	7.03%	0.445%
14	12.407	1792	1797	1803	rBV2	812261	1056749	39.41%	2.496%
15	12.460	1803	1806	1814	rVB	66930	100303	3.74%	0.237%
16	12.760	1854	1857	1866	rBV2	52968	94297	3.52%	0.223%
17	13.254	1935	1941	1945	rBV3	55358	75669	2.82%	0.179%
18	13.307	1945	1950	1961	rVB2	100641	152288	5.68%	0.360%
19	13.583	1992	1997	2000	rBV	37886	59934	2.24%	0.142%
20	13.707	2013	2018	2028	rBV	1123627	1602273	59.76%	3.785%
21	14.024	2067	2072	2074	rBV	66385	79479	2.96%	0.188%
22	14.542	2156	2160	2165	rVB	41100	58211	2.17%	0.138%
23	14.642	2174	2177	2182	rVB	53020	63342	2.36%	0.150%
24	14.807	2201	2205	2208	rVV	763139	900573	33.59%	2.127%
25	14.848	2208	2212	2219	rVB	977098	1230446	45.89%	2.906%
26	14.936	2222	2227	2237	rVB	231140	322828	12.04%	0.763%
27	15.036	2239	2244	2248	rBV	34350	56774	2.12%	0.134%
28	15.236	2274	2278	2286	rVV	68898	130970	4.88%	0.309%
29	15.477	2314	2319	2325	rVV5	27470	52042	1.94%	0.123%
30	15.560	2330	2333	2336	rVV2	40656	51399	1.92%	0.121%
31	15.601	2336	2340	2344	rVV	199043	219542	8.19%	0.519%
32	15.642	2344	2347	2353	rVV	239972	275224	10.27%	0.650%
33	15.718	2356	2360	2362	rVV	86506	96173	3.59%	0.227%
34	15.754	2362	2366	2369	rVV2	265430	365188	13.62%	0.863%

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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

35	15.795	2369	2373	2382	rVB	259195	369025	13.76%	0.872%
36	16.048	2407	2416	2424	rBV	129333	202645	7.56%	0.479%
37	16.113	2424	2427	2431	rBV	57273	70665	2.64%	0.167%
38	16.260	2448	2452	2456	rBV3	41368	52400	1.95%	0.124%
39	16.307	2456	2460	2463	rVV	61452	69915	2.61%	0.165%
40	16.407	2473	2477	2480	rBV	157862	202425	7.55%	0.478%
41	16.448	2480	2484	2488	rVV2	97088	158372	5.91%	0.374%
42	16.483	2488	2490	2493	rVV2	58786	52694	1.97%	0.124%
43	16.524	2493	2497	2503	rVV2	129536	182245	6.80%	0.430%
44	16.612	2507	2512	2516	rVV	1584439	1861069	69.41%	4.396%
45	16.648	2516	2518	2524	rVB	59067	69995	2.61%	0.165%
46	16.707	2524	2528	2531	rBV3	71861	95445	3.56%	0.225%
47	16.748	2531	2535	2540	rVB2	101107	130114	4.85%	0.307%
48	16.807	2541	2545	2549	rBV2	53137	75431	2.81%	0.178%
49	16.912	2556	2563	2568	rBV	1769538	2039078	76.05%	4.817%
50	17.107	2593	2596	2599	rBV	85889	91453	3.41%	0.216%
51	17.160	2599	2605	2611	rVB	1866738	2175797	81.15%	5.139%
52	17.236	2611	2618	2622	rBV2	126494	235784	8.79%	0.557%
53	17.348	2630	2637	2639	rBV3	130043	228375	8.52%	0.539%
54	17.377	2639	2642	2647	rVB	257415	325223	12.13%	0.768%
55	17.465	2653	2657	2661	rVB2	191876	208539	7.78%	0.493%
56	17.512	2661	2665	2670	rBV2	208575	307326	11.46%	0.726%
57	17.624	2678	2684	2688	rBV2	125705	153398	5.72%	0.362%
58	17.665	2688	2691	2695	rVB	70603	74424	2.78%	0.176%
59	17.948	2737	2739	2744	rVB4	40060	58447	2.18%	0.138%
60	18.024	2749	2752	2756	rVV2	42941	71364	2.66%	0.169%
61	18.065	2756	2759	2763	rVV	88998	114597	4.27%	0.271%
62	18.183	2774	2779	2781	rVV2	93980	117836	4.39%	0.278%
63	18.212	2781	2784	2787	rVV	150376	159770	5.96%	0.377%
64	18.242	2787	2789	2793	rVV	93593	102310	3.82%	0.242%
65	18.283	2793	2796	2799	rVB	69223	71059	2.65%	0.168%
66	18.342	2803	2806	2811	rVB2	80198	100230	3.74%	0.237%
67	18.401	2811	2816	2823	rBV2	128989	189614	7.07%	0.448%
68	18.501	2826	2833	2837	rBV2	940749	1606422	59.92%	3.795%
69	18.536	2837	2839	2846	rVB	567379	703590	26.24%	1.662%
70	18.630	2851	2855	2859	rVB2	93583	117653	4.39%	0.278%
71	18.724	2868	2871	2876	rBV2	64083	99521	3.71%	0.235%

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 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

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

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72	18.783	2878	2881	2885	rVV2	62790	97347	3.63%	0.230%
73	18.830	2886	2889	2896	rVB3	60272	90215	3.36%	0.213%
74	19.012	2914	2920	2924	rVV	178212	214565	8.00%	0.507%
75	19.054	2924	2927	2930	rVB	98958	111558	4.16%	0.264%
76	19.124	2932	2939	2942	rBV3	95823	172031	6.42%	0.406%
77	19.159	2942	2945	2948	rBV3	65237	89602	3.34%	0.212%
78	19.448	2992	2994	2999	rVB5	46381	65609	2.45%	0.155%
79	19.530	3004	3008	3013	rVB3	76792	106204	3.96%	0.251%
80	19.618	3019	3023	3028	rBV4	77834	132359	4.94%	0.313%
81	19.671	3029	3032	3037	rVB5	35569	52386	1.95%	0.124%
82	19.771	3045	3049	3052	rBV	668988	922970	34.42%	2.180%
83	19.801	3052	3054	3061	rVV2	295358	344489	12.85%	0.814%
84	19.883	3065	3068	3073	rBV	136890	152117	5.67%	0.359%
85	20.059	3094	3098	3102	rBV	381868	461361	17.21%	1.090%
86	20.124	3105	3109	3113	rVV	588766	667760	24.91%	1.577%
87	20.177	3113	3118	3121	rVV	476589	585010	21.82%	1.382%
88	20.206	3121	3123	3126	rVB	120344	112517	4.20%	0.266%
89	20.348	3143	3147	3150	rBV3	47311	80031	2.98%	0.189%
90	20.577	3179	3186	3188	rBV3	26440	50485	1.88%	0.119%
91	20.618	3188	3193	3196	rBV4	32260	66094	2.47%	0.156%
92	20.665	3197	3201	3206	rVB2	46999	89852	3.35%	0.212%
93	21.112	3274	3277	3284	rBV5	31216	65809	2.45%	0.155%
94	21.259	3298	3302	3305	rBV2	43966	54839	2.05%	0.130%
95	21.418	3324	3329	3337	rVB	302817	510884	19.05%	1.207%
96	21.559	3349	3353	3357	rBV	54785	95370	3.56%	0.225%
97	21.612	3357	3362	3366	rVB3	61231	121077	4.52%	0.286%
98	21.777	3385	3390	3400	rBV	198516	407476	15.20%	0.963%
99	22.000	3423	3428	3436	rVB2	57721	125058	4.66%	0.295%
100	23.777	3723	3730	3737	rBV3	38018	105455	3.93%	0.249%

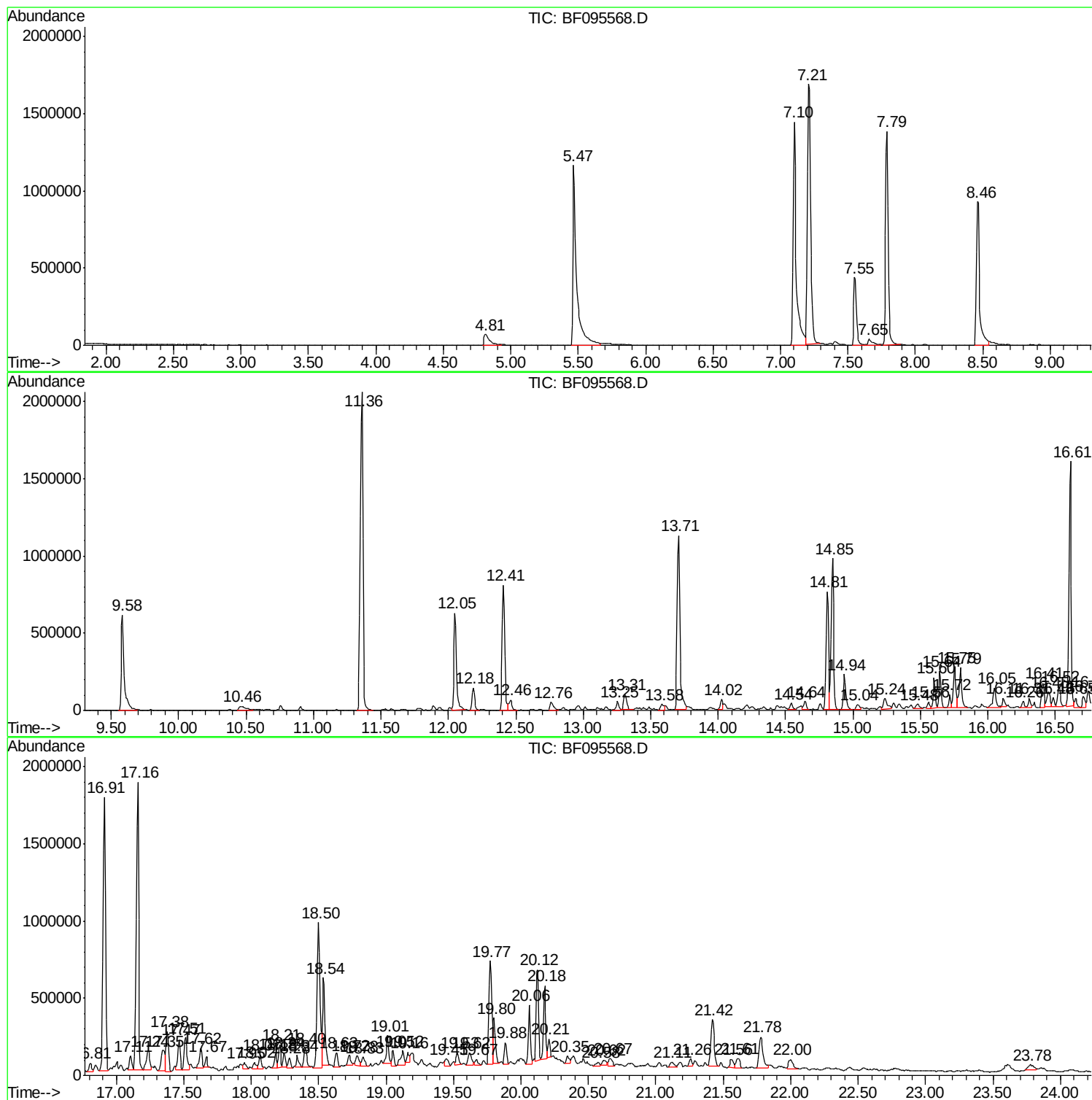
Sum of corrected areas: 42335029

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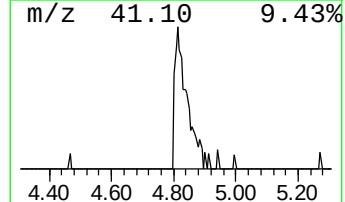
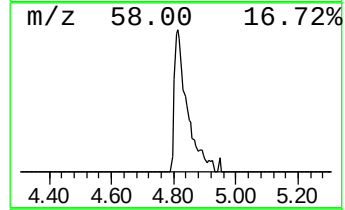
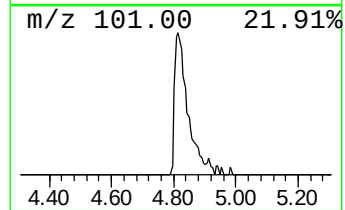
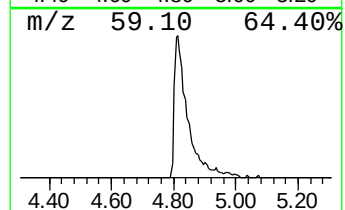
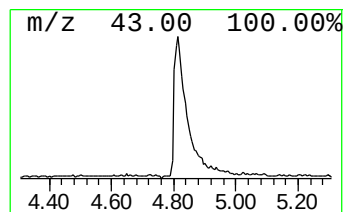
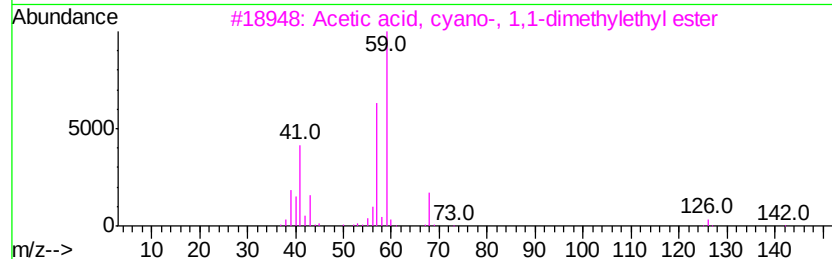
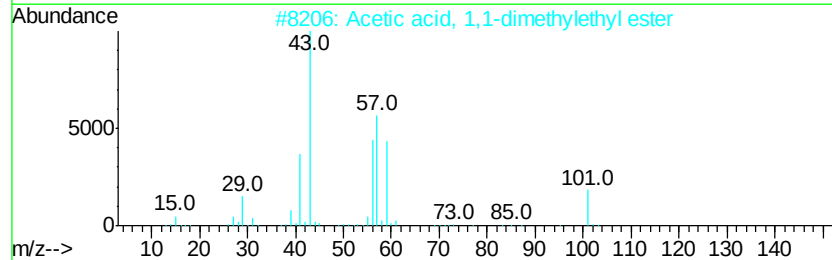
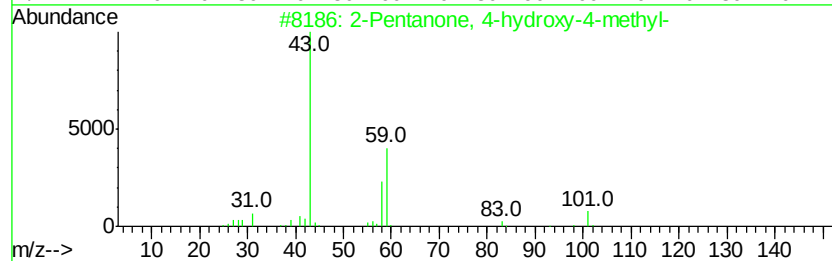
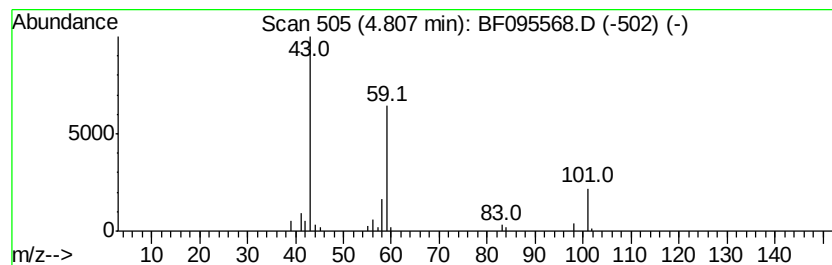
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	6.68 ng	204275	1,4-Dichlorobenzene-d4	7.55

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	50	
3	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17	
4	Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9	
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9	



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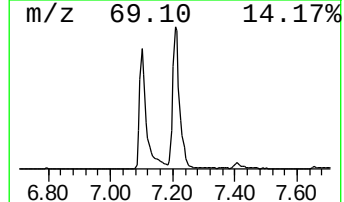
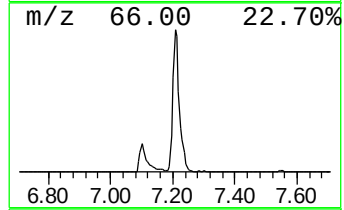
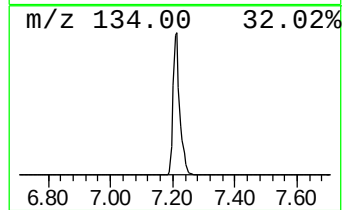
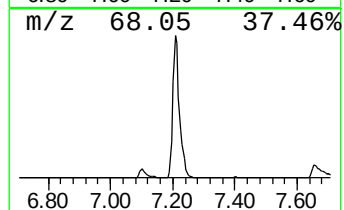
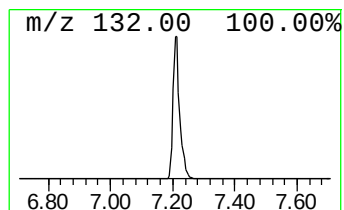
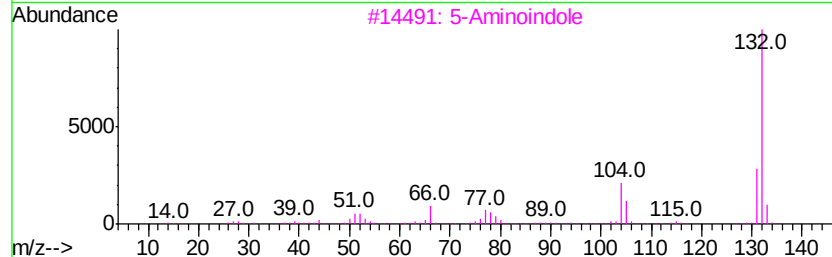
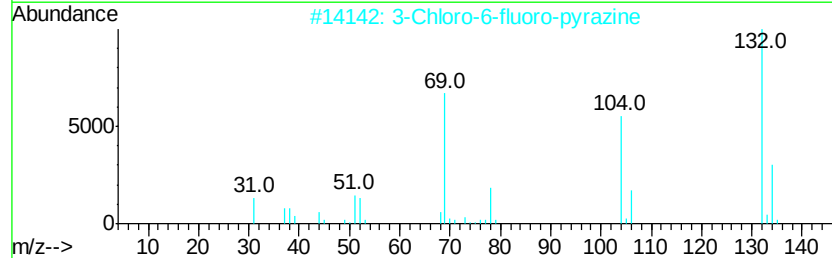
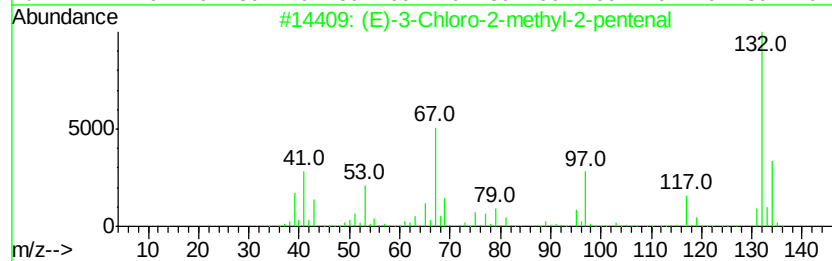
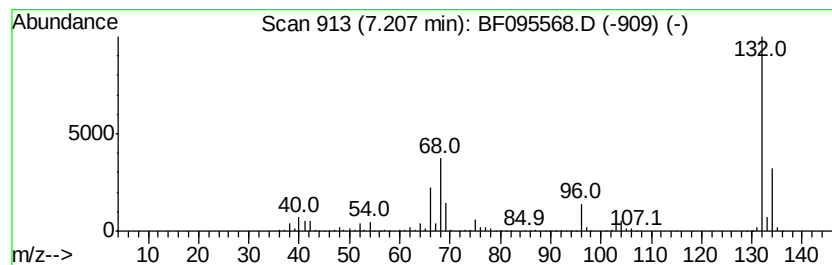
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.21 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	85.27 ng	2608820	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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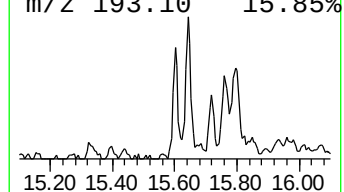
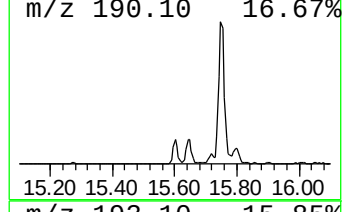
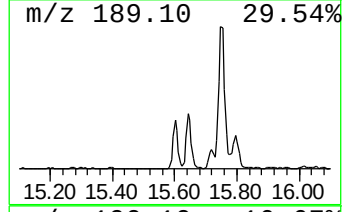
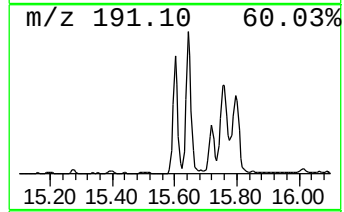
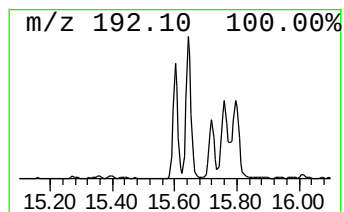
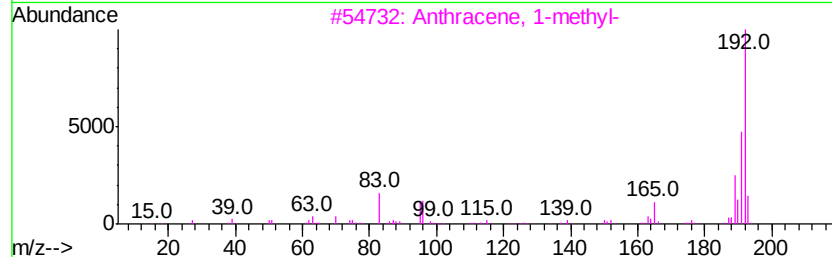
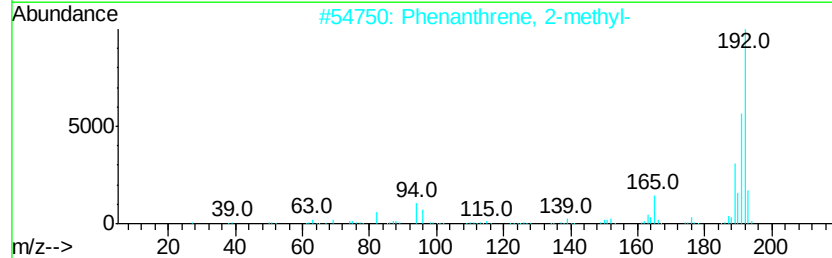
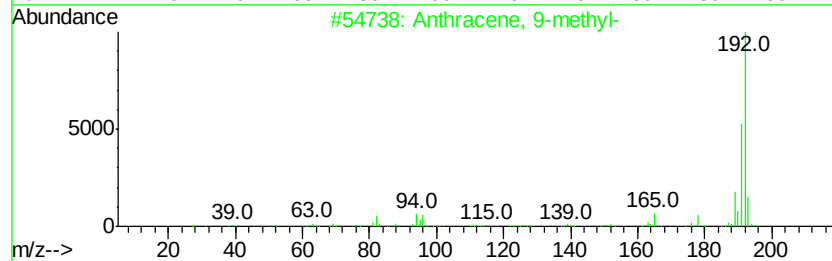
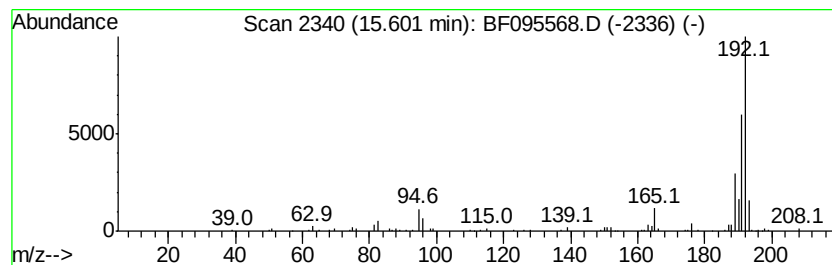
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Anthracene, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	4.88 ng	219542	Phenanthrene-d10	14.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
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Operator : SJ/MA
Sample : I3329-04
Misc :
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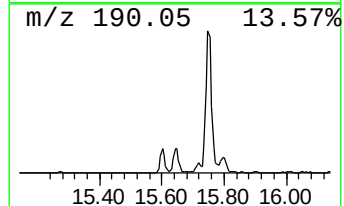
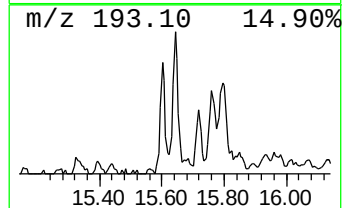
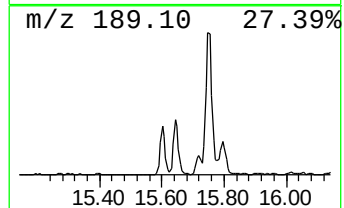
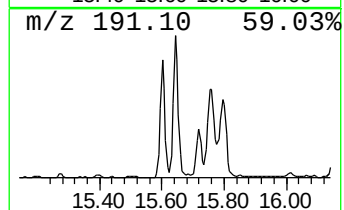
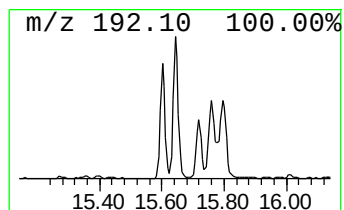
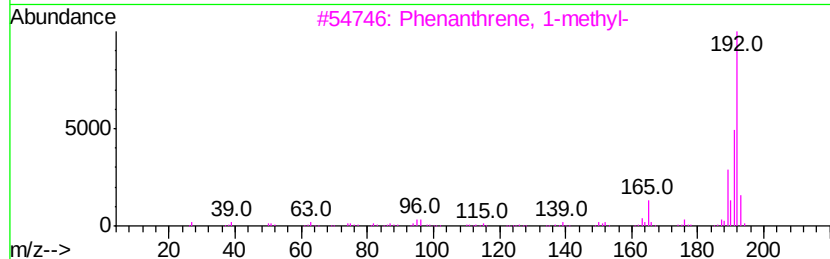
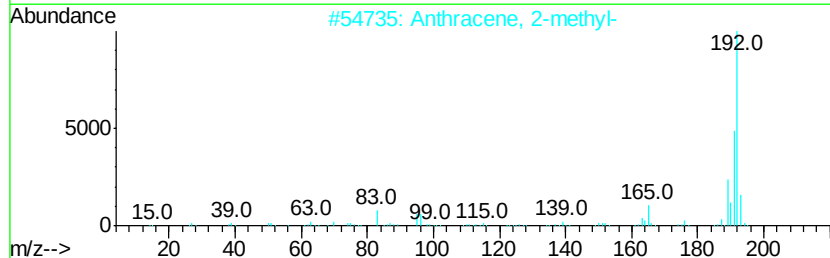
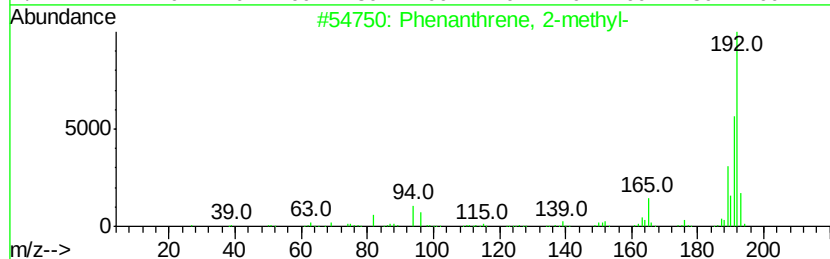
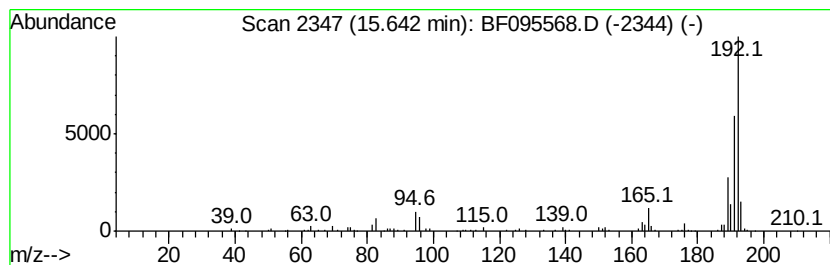
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.64	6.11 ng	275224	Phenanthrene-d10	14.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053117\
Data File : BF095568.D
Acq On : 31 May 2017 17:27
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ClientSampleId :
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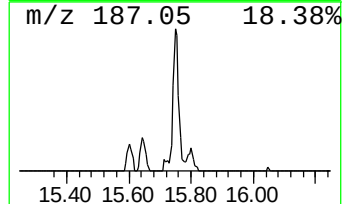
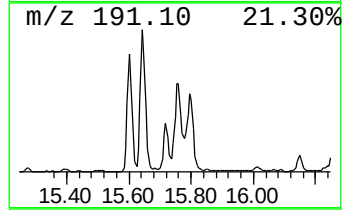
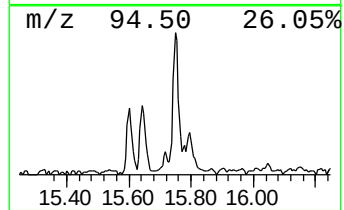
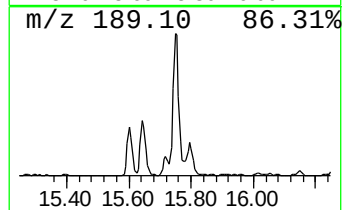
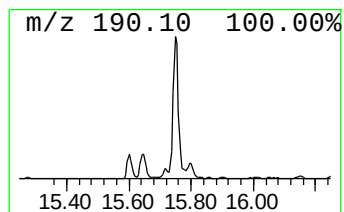
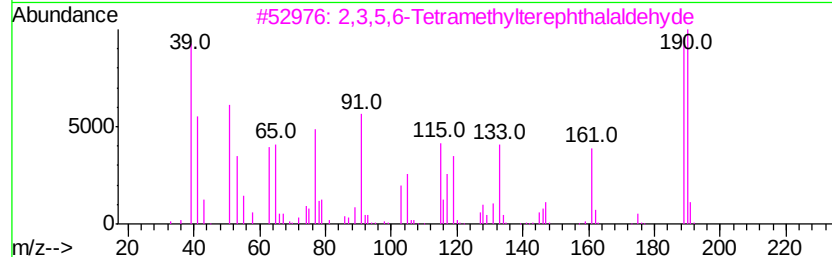
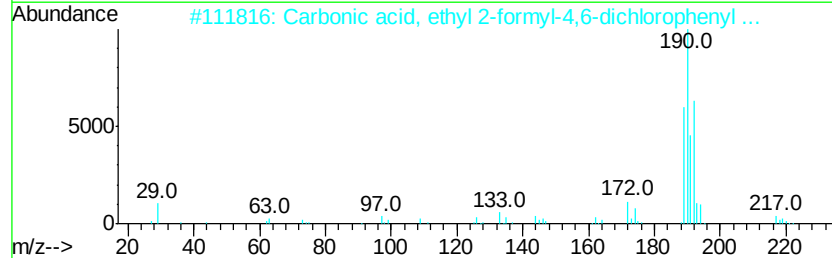
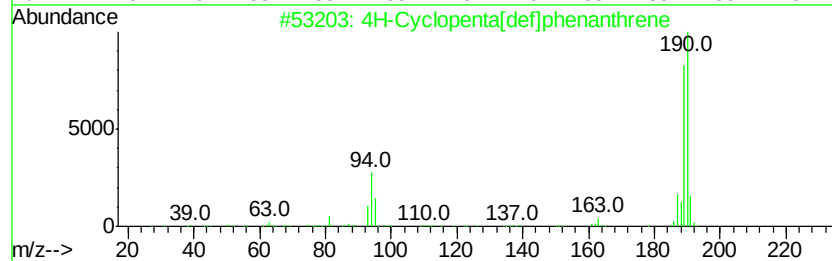
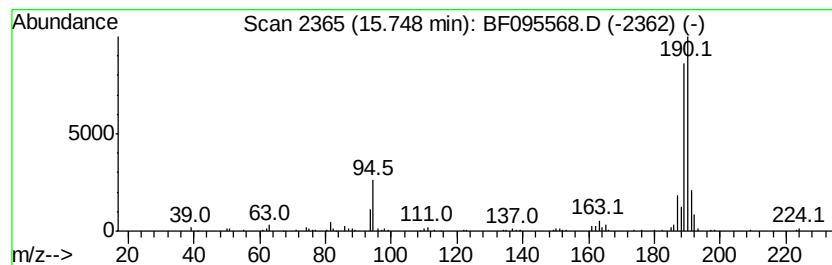
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	8.11 ng	365188	Phenanthrene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	2,6-Dichlorobenzaloxime	189	C7H5Cl2NO	025185-95-9	42
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053117\
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Operator : SJ/MA
Sample : I3329-04
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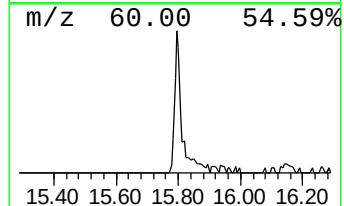
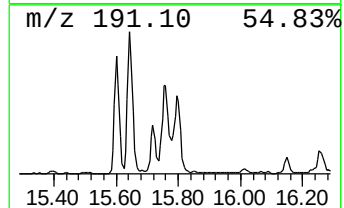
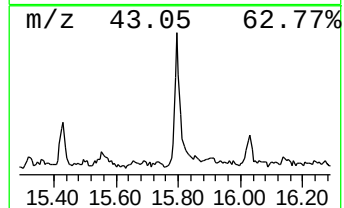
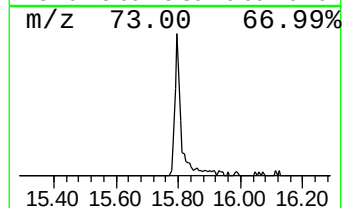
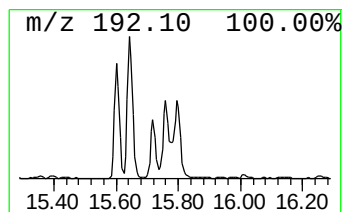
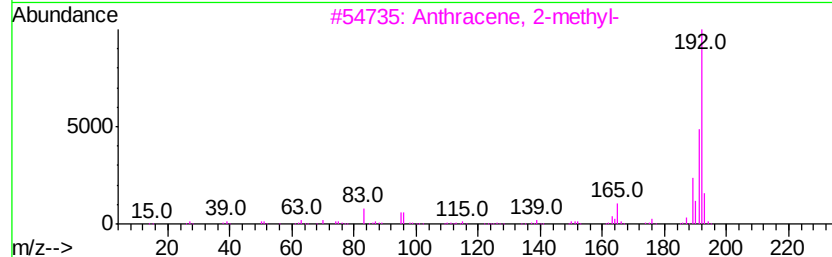
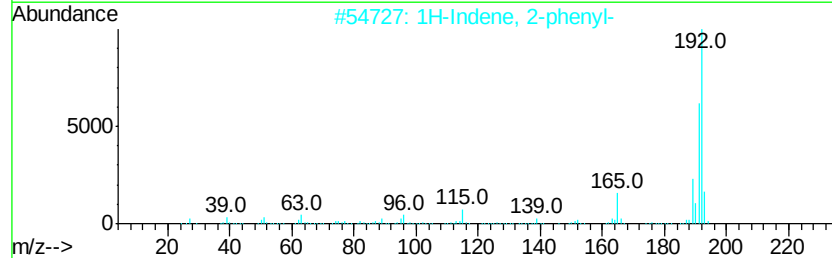
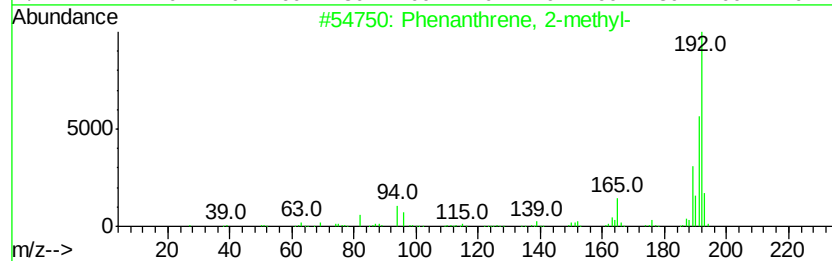
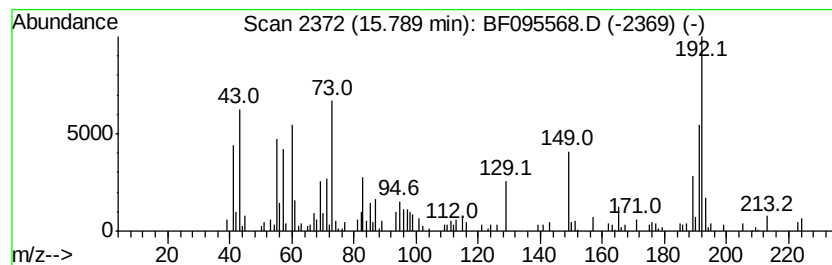
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.79	8.20 ng	369025	Phenanthrene-d10	14.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	78
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053117\
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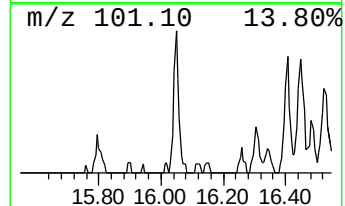
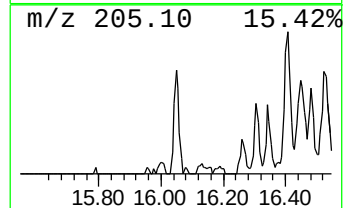
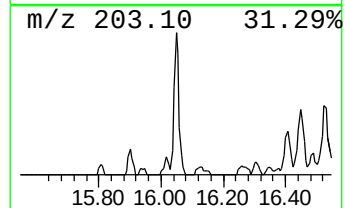
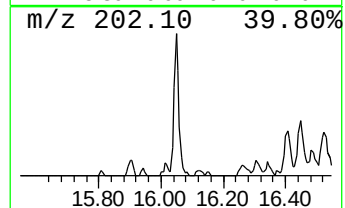
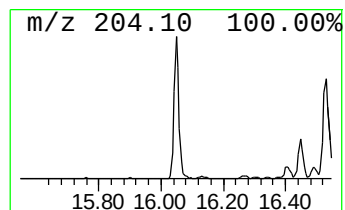
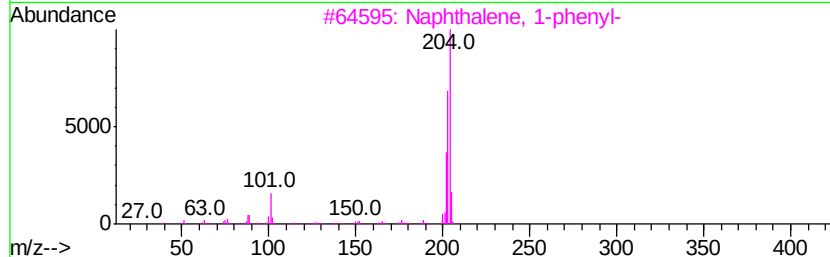
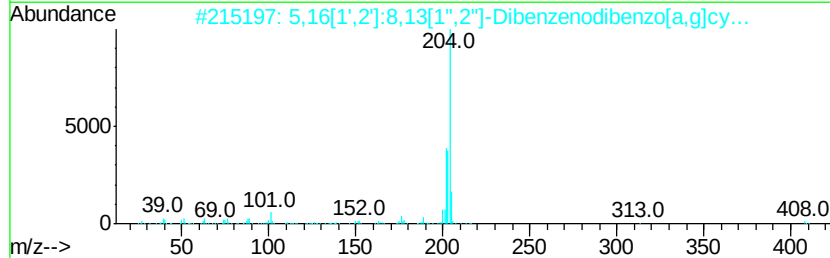
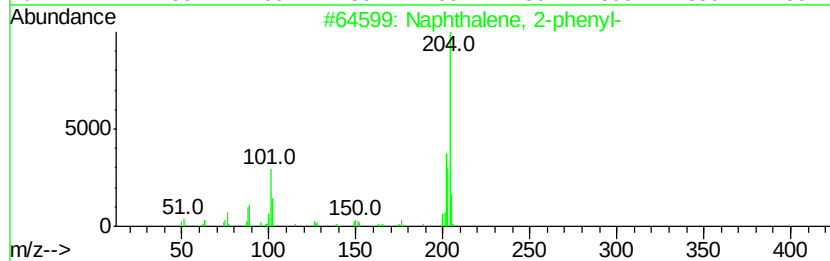
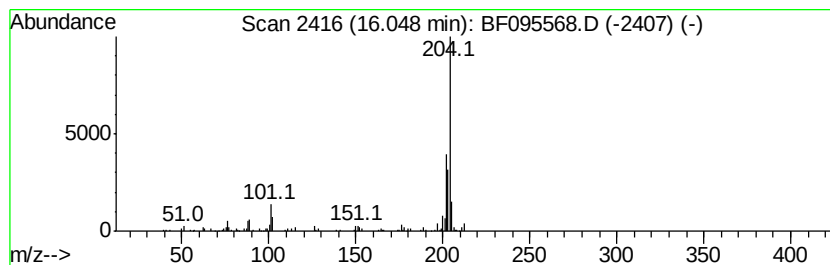
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.05	4.50 ng	202645	Phenanthrene-d10	14.81		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
5		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053117\
Data File : BF095568.D
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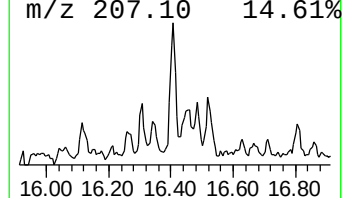
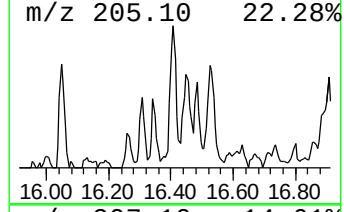
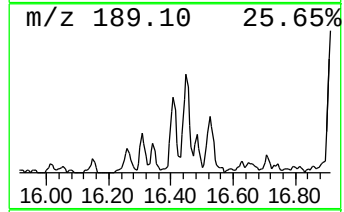
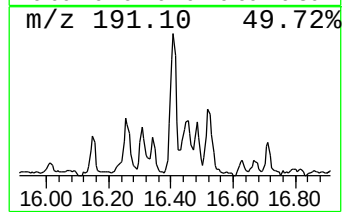
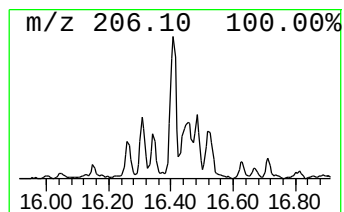
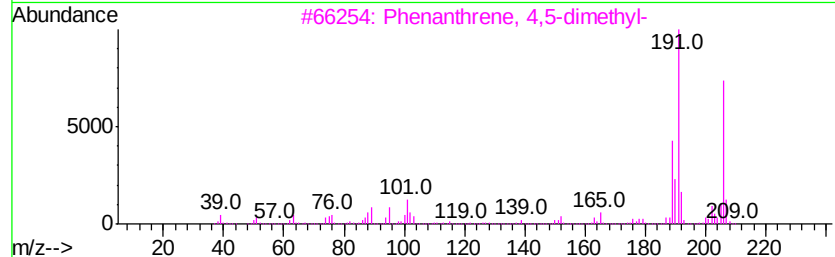
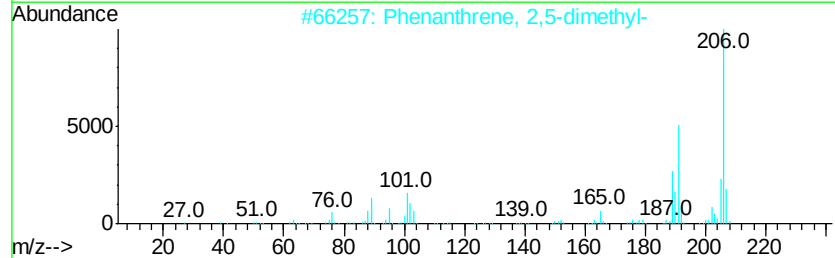
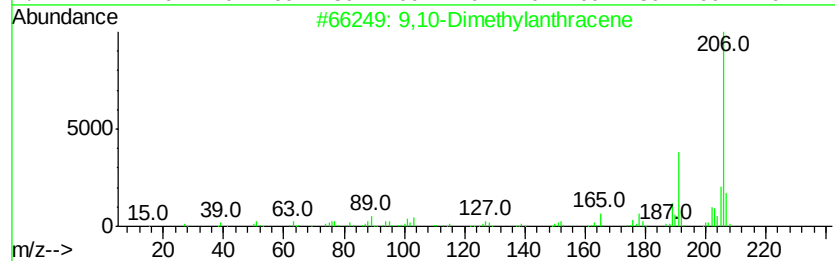
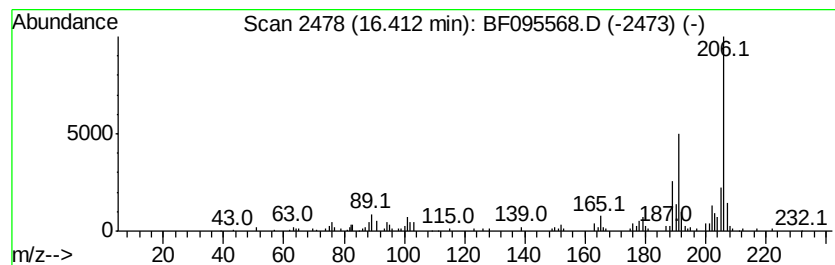
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Dimethylantracene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	4.50 ng	202425	Phenanthrene-d10	14.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene		206	C16H14	000781-43-1	95
2	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	94
3	Phenanthrene, 4,5-dimethyl-		206	C16H14	003674-69-9	93
4	Phenanthrene, 2,3-dimethyl-		206	C16H14	003674-65-5	93
5	1,3-Diphenyl-3-methylcyclopropene		206	C16H14	086544-79-8	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
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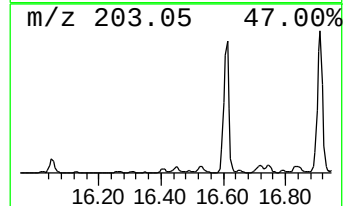
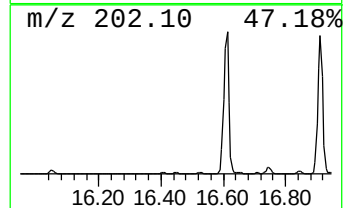
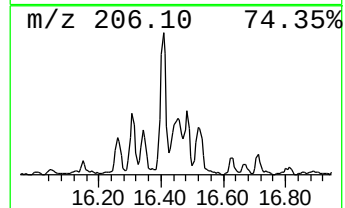
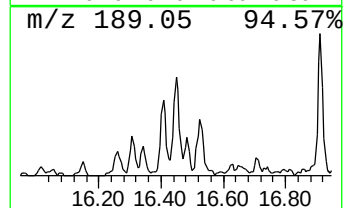
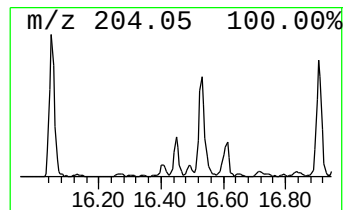
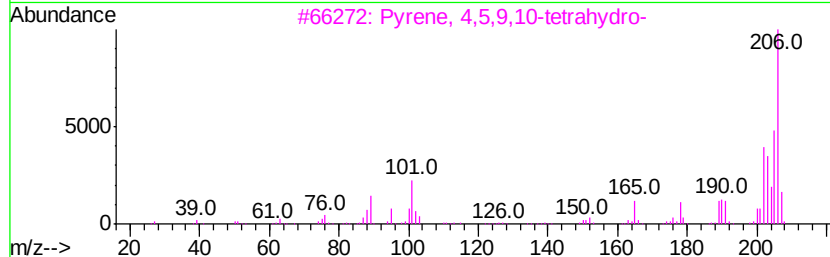
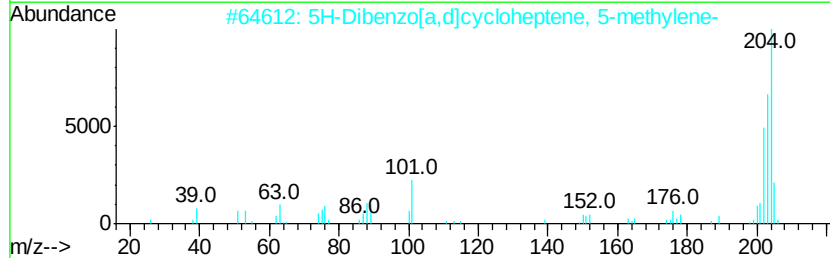
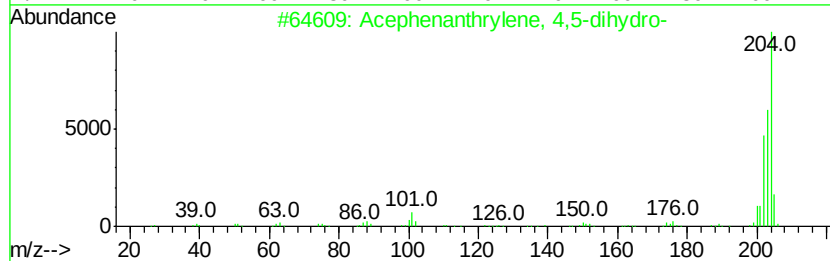
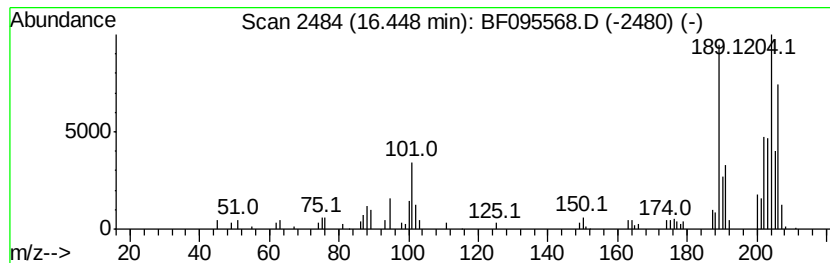
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown16.45 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.45	3.52 ng	158372	Phenanthrene-d10	14.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
2	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	38
3	Pvrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	30
4	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	30
5	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053117\
Data File : BF095568.D
Acq On : 31 May 2017 17:27
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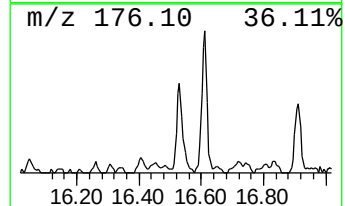
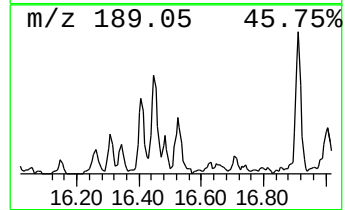
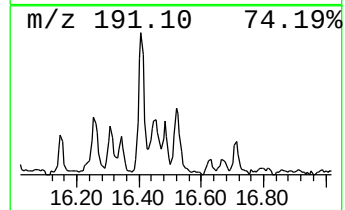
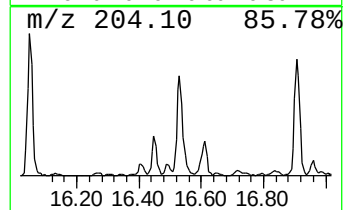
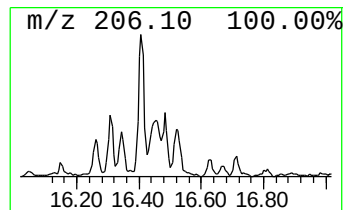
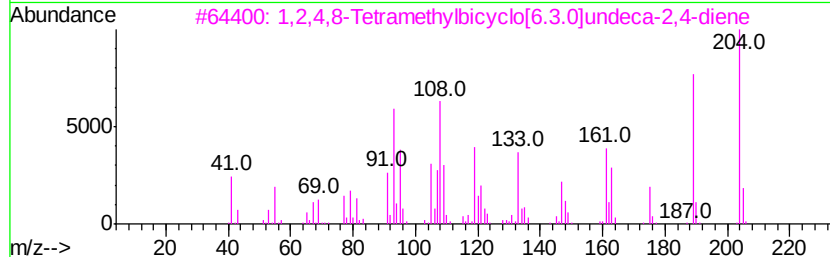
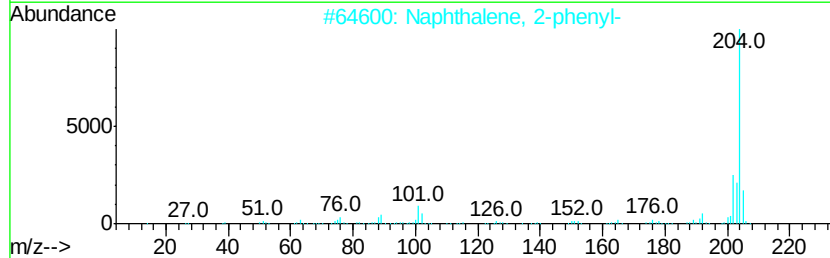
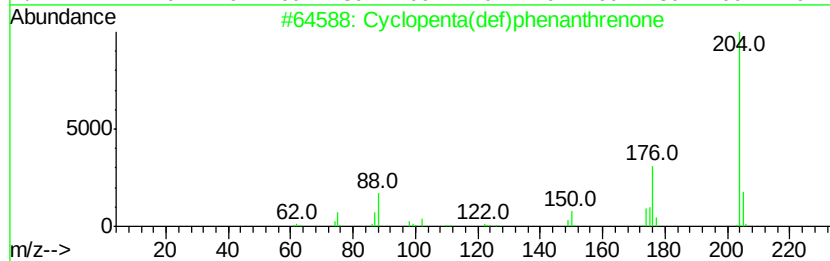
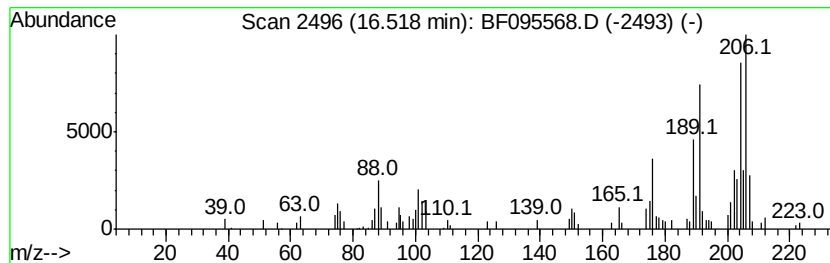
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	4.05 ng	182245	Phenanthrene-d10	14.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	50
3			1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	50
4			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49
5			Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095568.D
Acq On : 31 May 2017 17:27
Operator : SJ/MA
Sample : I3329-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

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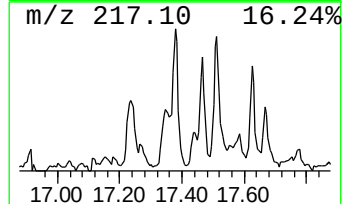
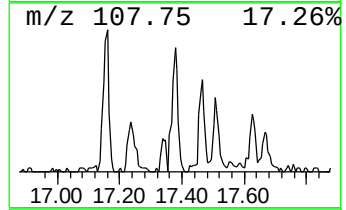
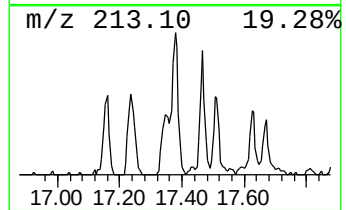
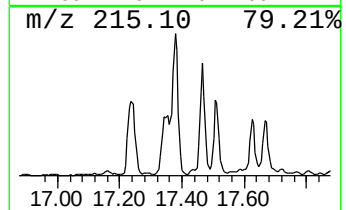
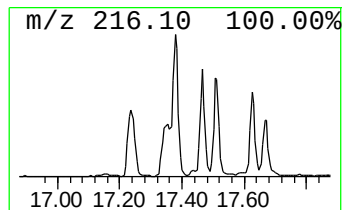
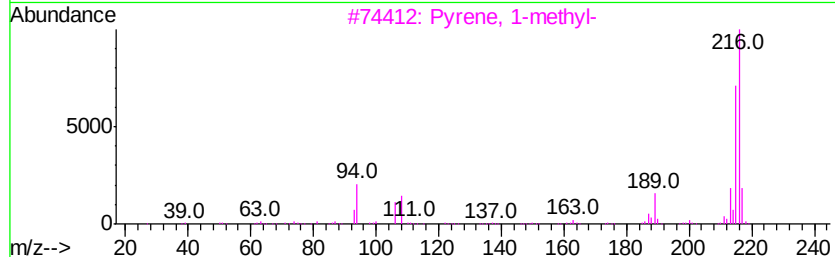
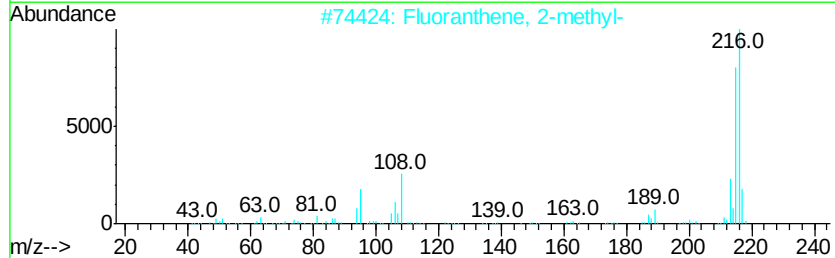
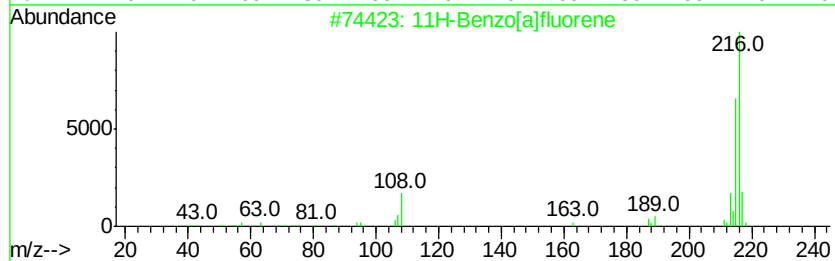
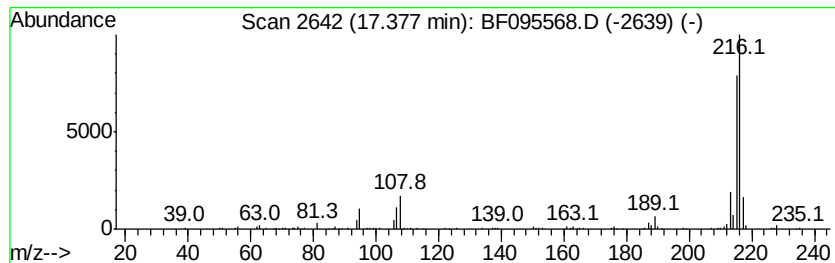
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	4.05 ng	325223	Chrysene-d12	18.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74



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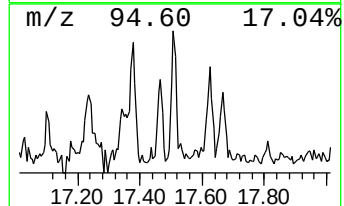
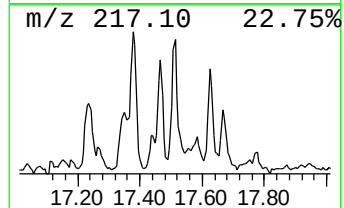
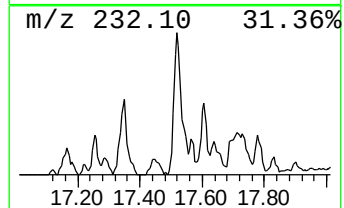
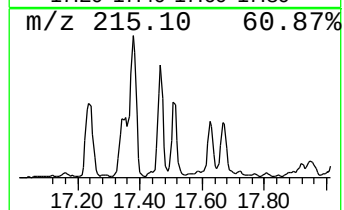
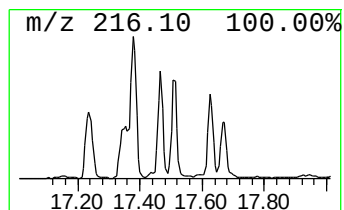
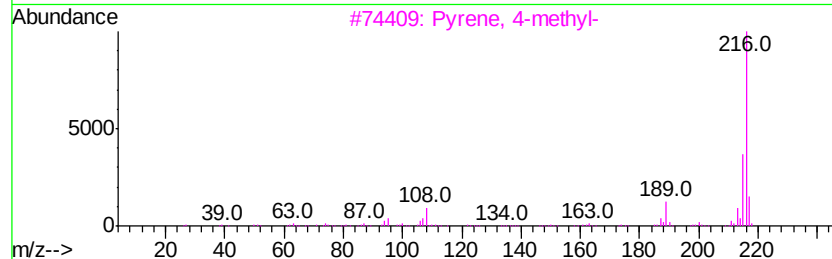
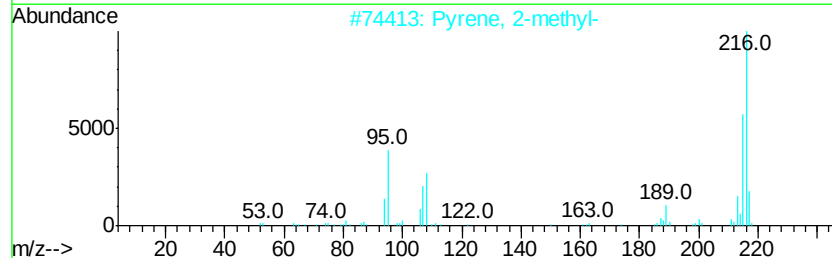
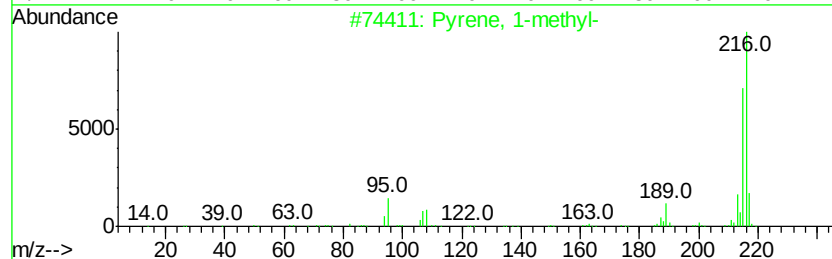
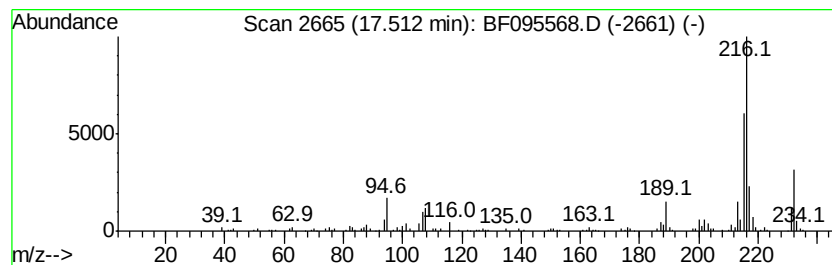
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.51	3.83 ng	307326	Chrysene-d12	18.51	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	92
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
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Acq On : 31 May 2017 17:27
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Misc :
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Instrument :
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ClientSampleId :
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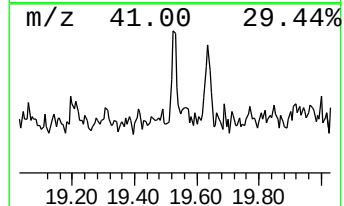
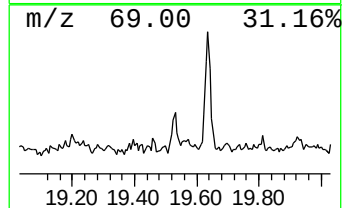
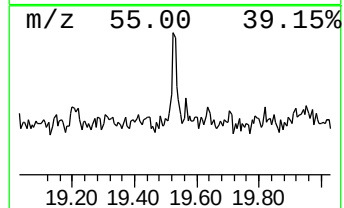
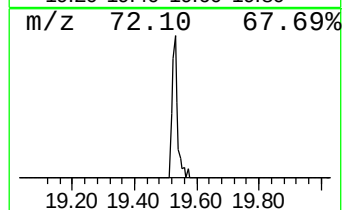
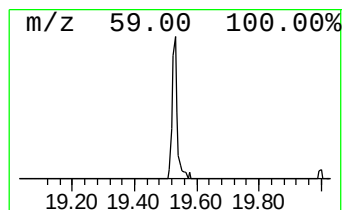
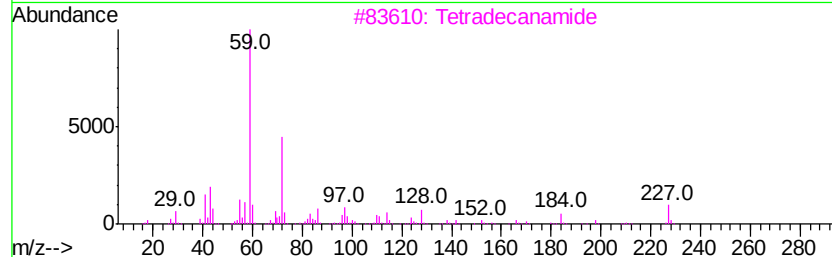
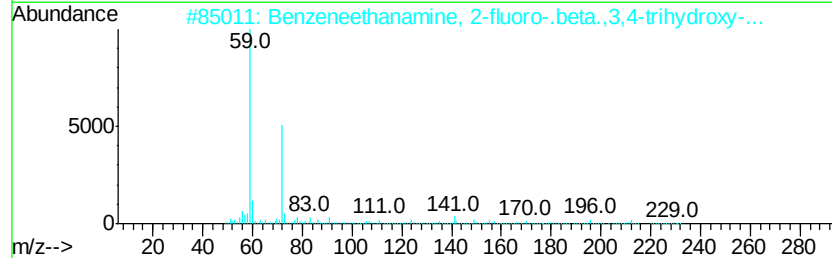
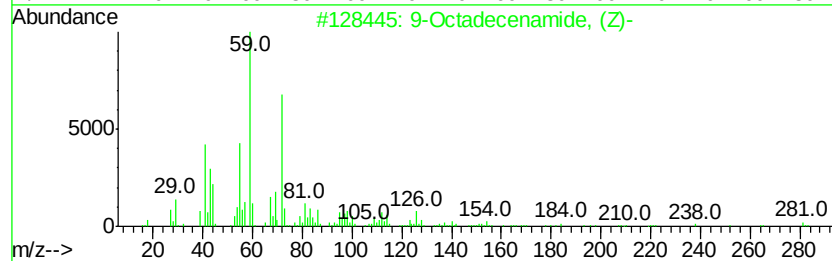
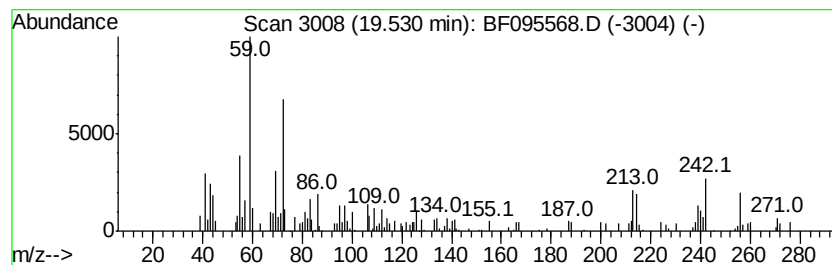
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown19.53 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.53	3.63 ng	106204	Perylene-d12	20.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	43
2		Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	38
3		Tetradecanamide	227	C14H29NO	000638-58-4	38
4		Hexadecanamide	255	C16H33NO	000629-54-9	35
5		Octanamide	143	C8H17NO	000629-01-6	32



Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
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Acq On : 31 May 2017 17:27
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ALS Vial : 8 Sample Multiplier: 1

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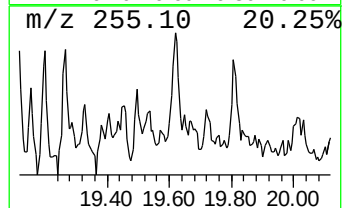
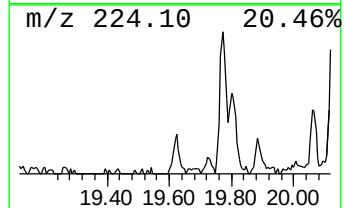
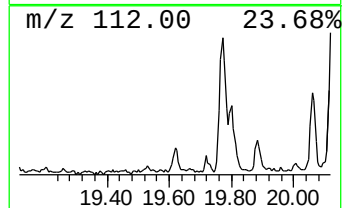
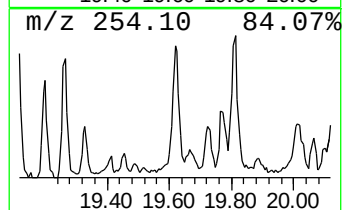
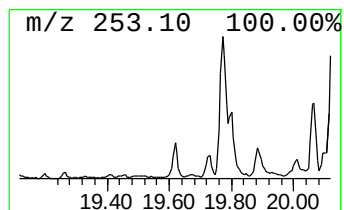
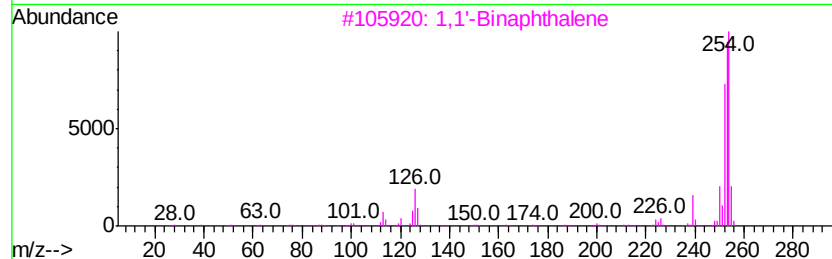
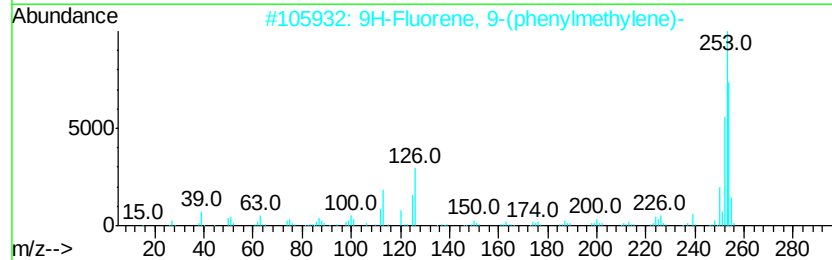
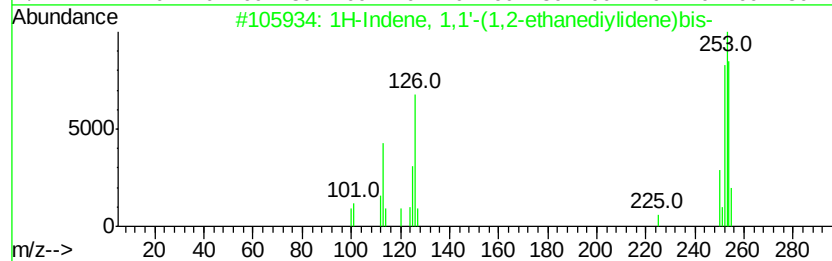
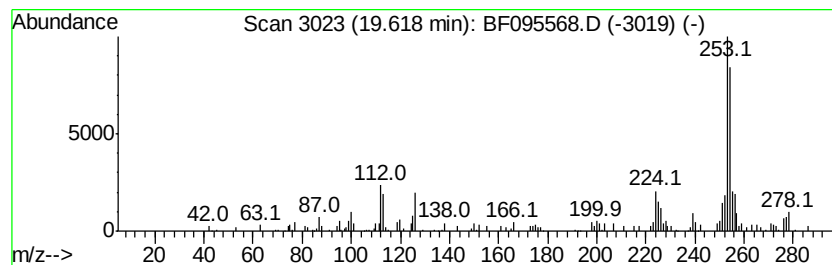
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1H-Indene, 1,1'-(1,2-ethane... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	4.53 ng	132359	Perylene-d12	20.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1,1'-(1,2-ethanedivli...	254	C20H14	072088-04-1	74
2		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	68
3		1,1'-Binaphthalene	254	C20H14	000604-53-5	68
4		4,5-Dihydrobenzo[el]pyrene	254	C20H14	095676-42-9	62
5		4,6'-Biazuleny	254	C20H14	094154-49-1	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
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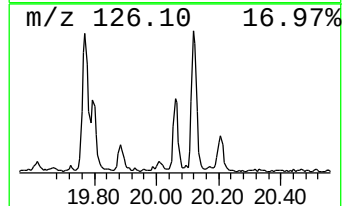
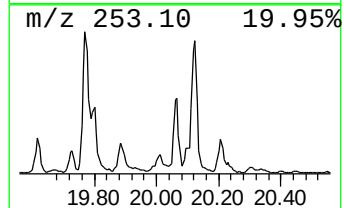
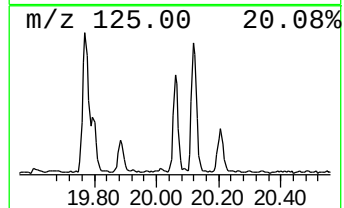
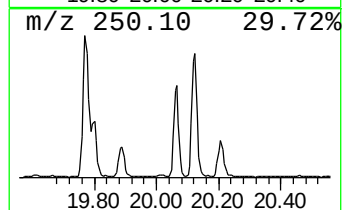
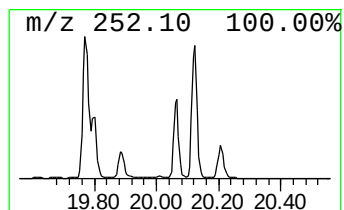
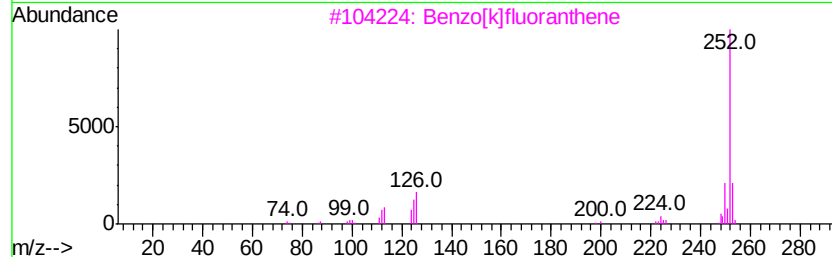
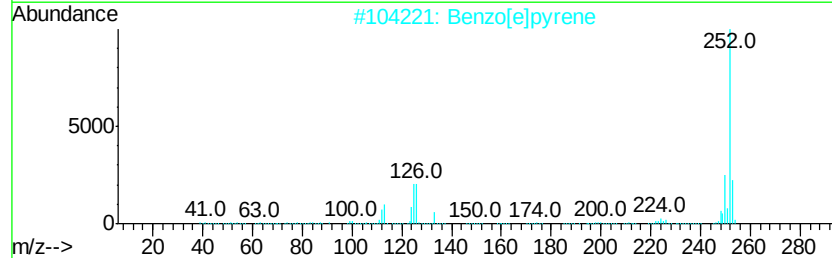
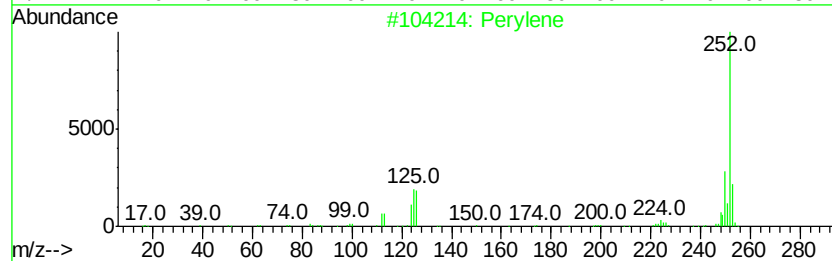
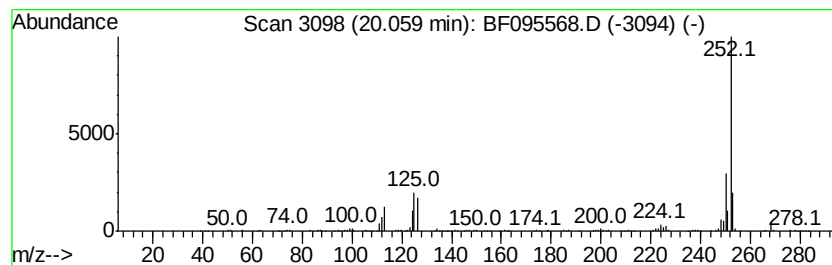
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	15.77 ng	461361	Perylene-d12	20.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	94
2		Benzo[e]pyrene	252	C20H12	000192-97-2	94
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	93
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053117\
Data File : BF095568.D
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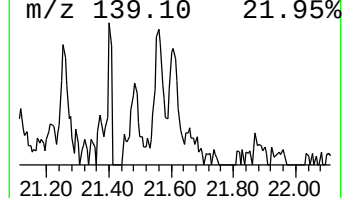
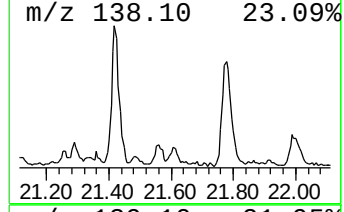
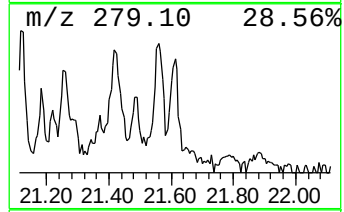
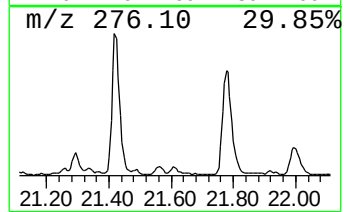
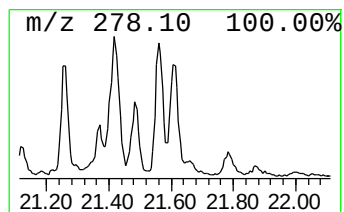
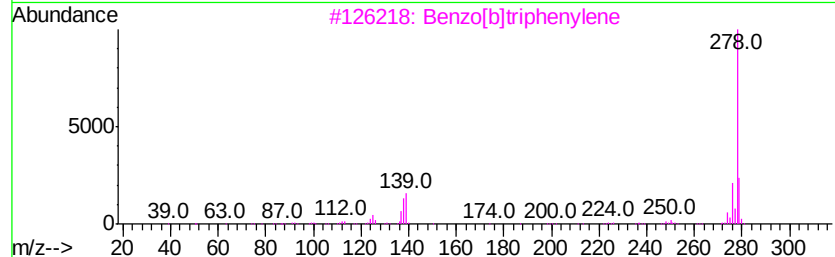
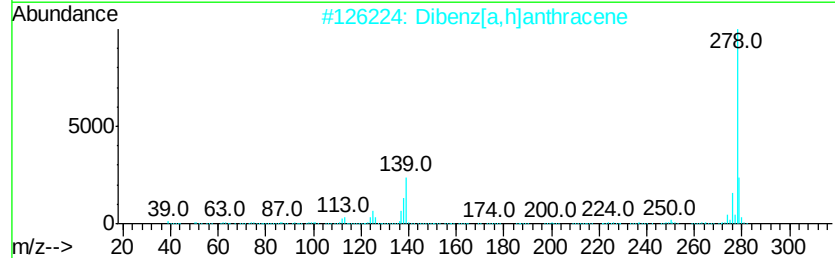
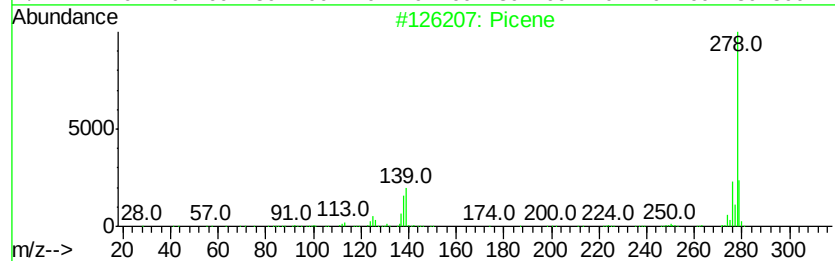
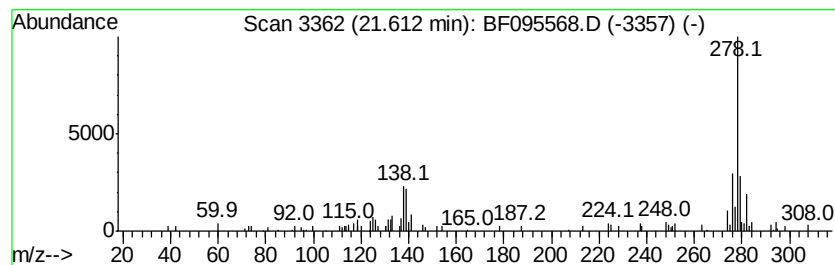
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Picene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.61	4.14 ng	121077	Perylene-d12	20.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Picene	278	C22H14	000213-46-7	95
2			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	92
3			Benzo[b]triphenylene	278	C22H14	000215-58-7	91
4			Pentacene	278	C22H14	000135-48-8	64
5			Pentaphene	278	C22H14	000222-93-5	60



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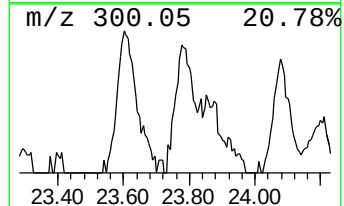
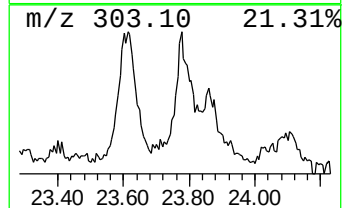
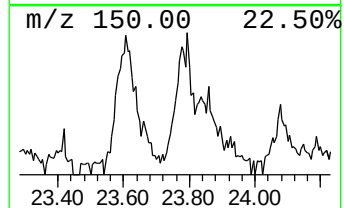
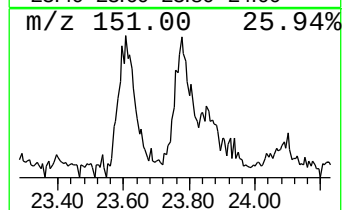
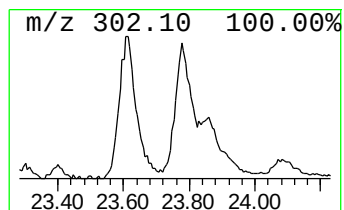
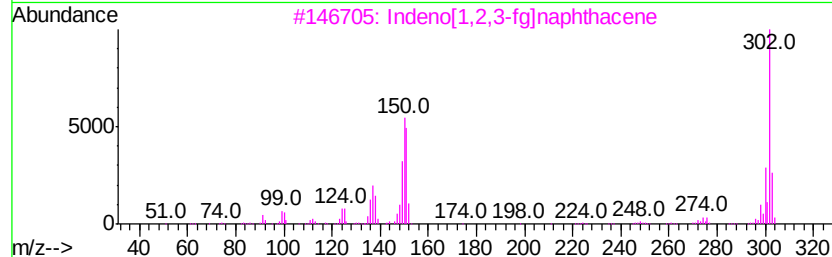
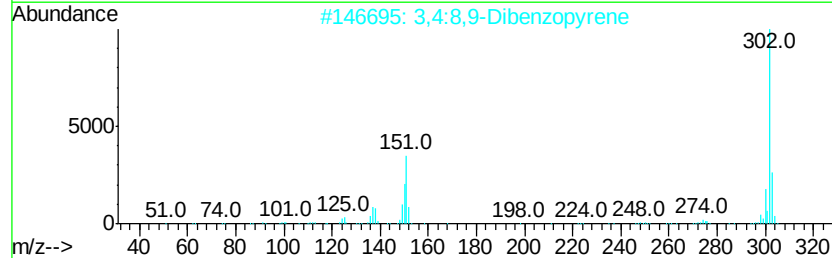
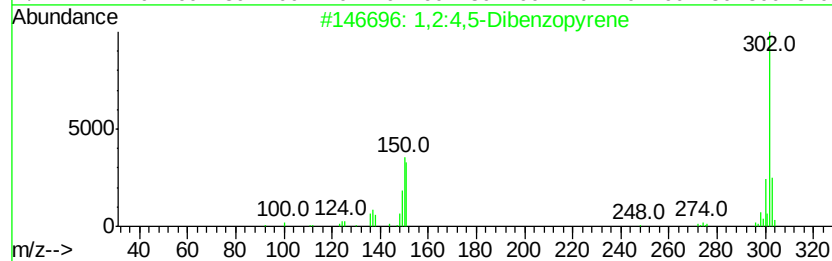
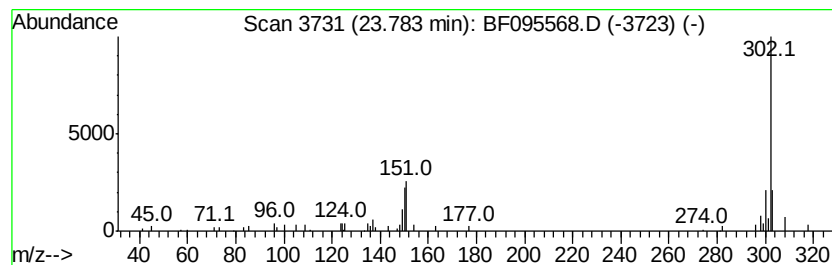
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1,2:4,5-Dibenzopyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.78	3.61 ng	105455	Perylene-d12	20.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	87
2			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	83
3			Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	72
4			Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	72
5			Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053117\
 Data File : BF095568.D
 Acq On : 31 May 2017 17:27
 Operator : SJ/MA
 Sample : I3329-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-3(0-3)

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...	4.81	6.7 ng		204275	1	7.55	611881	20.0
unknown7.21	7.21	85.3 ng		2608820	1	7.55	611881	20.0
Anthracene, 9-met...	15.60	4.9 ng		219542	4	14.81	900573	20.0
Phenanthrene, 2-m...	15.64	6.1 ng		275224	4	14.81	900573	20.0
4H-Cyclopenta[def...	15.75	8.1 ng		365188	4	14.81	900573	20.0
Anthracene, 2-met...	15.79	8.2 ng		369025	4	14.81	900573	20.0
Naphthalene, 2-ph...	16.05	4.5 ng		202645	4	14.81	900573	20.0
9,10-Dimethylanthe...	16.41	4.5 ng		202425	4	14.81	900573	20.0
unknown16.45	16.45	3.5 ng		158372	4	14.81	900573	20.0
Cyclopenta(def)ph...	16.52	4.0 ng		182245	4	14.81	900573	20.0
11H-Benzo[a]fluorene	17.38	4.0 ng		325223	5	18.51	1606420	20.0
Pyrene, 1-methyl-	17.51	3.8 ng		307326	5	18.51	1606420	20.0
unknown19.53	19.53	3.6 ng		106204	6	20.18	585010	20.0
1H-Indene, 1,1'-(...	19.62	4.5 ng		132359	6	20.18	585010	20.0
Perylene	20.06	15.8 ng		461361	6	20.18	585010	20.0
Picene	21.61	4.1 ng		121077	6	20.18	585010	20.0
1,2:4,5-Dibenzopy...	23.78	3.6 ng		105455	6	20.18	585010	20.0