

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
 Data File : BF095150.D
 Acq On : 16 May 2017 5:24
 Operator : SJ/MA
 Sample : I3140-14 20X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-17-7

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	1.960	3	4	28	rVB	323129	481434	60.14%	6.037%
2	7.425	929	933	935	rBV3	7186	10525	1.31%	0.132%
3	7.490	941	944	956	rBV4	16560	42036	5.25%	0.527%
4	7.778	989	993	1004	rBV	260787	383065	47.85%	4.803%
5	8.025	1030	1035	1045	rBV	33946	58646	7.33%	0.735%
6	8.742	1152	1157	1159	rBV3	5445	9396	1.17%	0.118%
7	9.795	1331	1336	1357	rBV	366667	548489	68.51%	6.878%
8	11.572	1634	1638	1653	rBV	35079	70508	8.81%	0.884%
9	12.624	1812	1817	1824	rBV2	359679	532161	66.47%	6.673%
10	12.677	1824	1826	1838	rVB	42935	67069	8.38%	0.841%
11	12.989	1876	1879	1887	rBV3	6300	14045	1.75%	0.176%
12	13.530	1968	1971	1983	rBV	24200	41363	5.17%	0.519%
13	13.954	2037	2043	2048	rBV5	9417	17242	2.15%	0.216%
14	14.877	2196	2200	2205	rVB	9727	12488	1.56%	0.157%
15	15.030	2221	2226	2229	rBV	346244	408059	50.97%	5.117%
16	15.066	2229	2232	2244	rVV	229964	344628	43.05%	4.322%
17	15.154	2244	2247	2258	rVB	56461	92394	11.54%	1.159%
18	15.460	2296	2299	2306	rVB	11116	15655	1.96%	0.196%
19	15.818	2356	2360	2363	rBV	21025	26309	3.29%	0.330%
20	15.860	2363	2367	2374	rVV	26096	39074	4.88%	0.490%
21	15.930	2376	2379	2381	rBV2	11510	13675	1.71%	0.171%
22	15.960	2381	2384	2389	rVV2	55574	77503	9.68%	0.972%
23	16.001	2389	2391	2396	rVB2	14900	22636	2.83%	0.284%
24	16.254	2432	2434	2440	rVB	16707	19714	2.46%	0.247%
25	16.460	2466	2469	2475	rVB5	8376	9535	1.19%	0.120%
26	16.607	2492	2494	2499	rVV3	13954	15715	1.96%	0.197%
27	16.648	2499	2501	2505	rVV4	7032	10822	1.35%	0.136%
28	16.730	2511	2515	2518	rBV3	9680	10848	1.36%	0.136%
29	16.807	2524	2528	2538	rBV	416130	541794	67.68%	6.794%
30	16.889	2539	2542	2547	rVB2	63560	67944	8.49%	0.852%
31	17.012	2556	2563	2566	rBV	13842	19513	2.44%	0.245%
32	17.112	2575	2580	2586	rBV	437616	538848	67.31%	6.757%
33	17.307	2609	2613	2617	rBV	19086	25037	3.13%	0.314%
34	17.348	2617	2620	2628	rVB2	59034	74422	9.30%	0.933%

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35	17.442	2628	2636	2642	rVB4	21340	48672	6.08%	0.610%
36	17.548	2650	2654	2656	rBV3	12812	20664	2.58%	0.259%
37	17.577	2656	2659	2665	rVB	51769	65198	8.14%	0.818%
38	17.659	2669	2673	2678	rBV2	59364	68488	8.56%	0.859%
39	17.707	2678	2681	2683	rBV2	35635	41984	5.24%	0.526%
40	17.830	2698	2702	2706	rBV	15351	18196	2.27%	0.228%
41	17.865	2706	2708	2714	rVB2	10428	15426	1.93%	0.193%
42	18.218	2764	2768	2770	rBV4	14499	20101	2.51%	0.252%
43	18.377	2790	2795	2798	rBV	26334	38698	4.83%	0.485%
44	18.406	2798	2800	2803	rVV	34216	37505	4.68%	0.470%
45	18.442	2803	2806	2809	rVV	28654	34384	4.30%	0.431%
46	18.477	2809	2812	2816	rVB2	26708	33988	4.25%	0.426%
47	18.542	2819	2823	2824	rBV3	7337	8787	1.10%	0.110%
48	18.601	2827	2833	2836	rBV4	12840	19532	2.44%	0.245%
49	18.695	2841	2849	2853	rBV2	507679	800549	100.00%	10.039%
50	18.730	2853	2855	2865	rVV2	205145	363580	45.42%	4.559%
51	18.830	2867	2872	2878	rBV2	56640	76722	9.58%	0.962%
52	18.930	2885	2889	2892	rVB6	14664	21234	2.65%	0.266%
53	18.989	2895	2899	2902	rVV3	26878	40836	5.10%	0.512%
54	19.030	2904	2906	2912	rVB3	18231	25557	3.19%	0.320%
55	19.165	2926	2929	2930	rBV3	10565	12309	1.54%	0.154%
56	19.206	2930	2936	2939	rVV	42184	64773	8.09%	0.812%
57	19.242	2941	2942	2947	rVB	22615	23783	2.97%	0.298%
58	19.324	2952	2956	2959	rVV3	21892	28868	3.61%	0.362%
59	19.359	2959	2962	2963	rBV3	24381	26590	3.32%	0.333%
60	19.383	2964	2966	2971	rVB2	30219	35055	4.38%	0.440%
61	19.601	3000	3003	3006	rBV5	13849	22119	2.76%	0.277%
62	19.812	3035	3039	3043	rBV3	23138	40438	5.05%	0.507%
63	19.971	3061	3066	3069	rBV	181620	283806	35.45%	3.559%
64	20.083	3082	3085	3087	rBV	37028	32984	4.12%	0.414%
65	20.259	3112	3115	3119	rVB	99889	108322	13.53%	1.358%
66	20.318	3122	3125	3130	rBV	160352	175173	21.88%	2.197%
67	20.377	3131	3135	3139	rBV	275609	358889	44.83%	4.500%
68	20.783	3201	3204	3205	rBV3	15477	20476	2.56%	0.257%
69	20.836	3211	3213	3219	rBV7	21005	27315	3.41%	0.343%
70	21.724	3358	3364	3370	rBV2	55151	122881	15.35%	1.541%
71	22.112	3425	3430	3437	rVB2	50342	128255	16.02%	1.608%

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

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Peak separation: 5

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

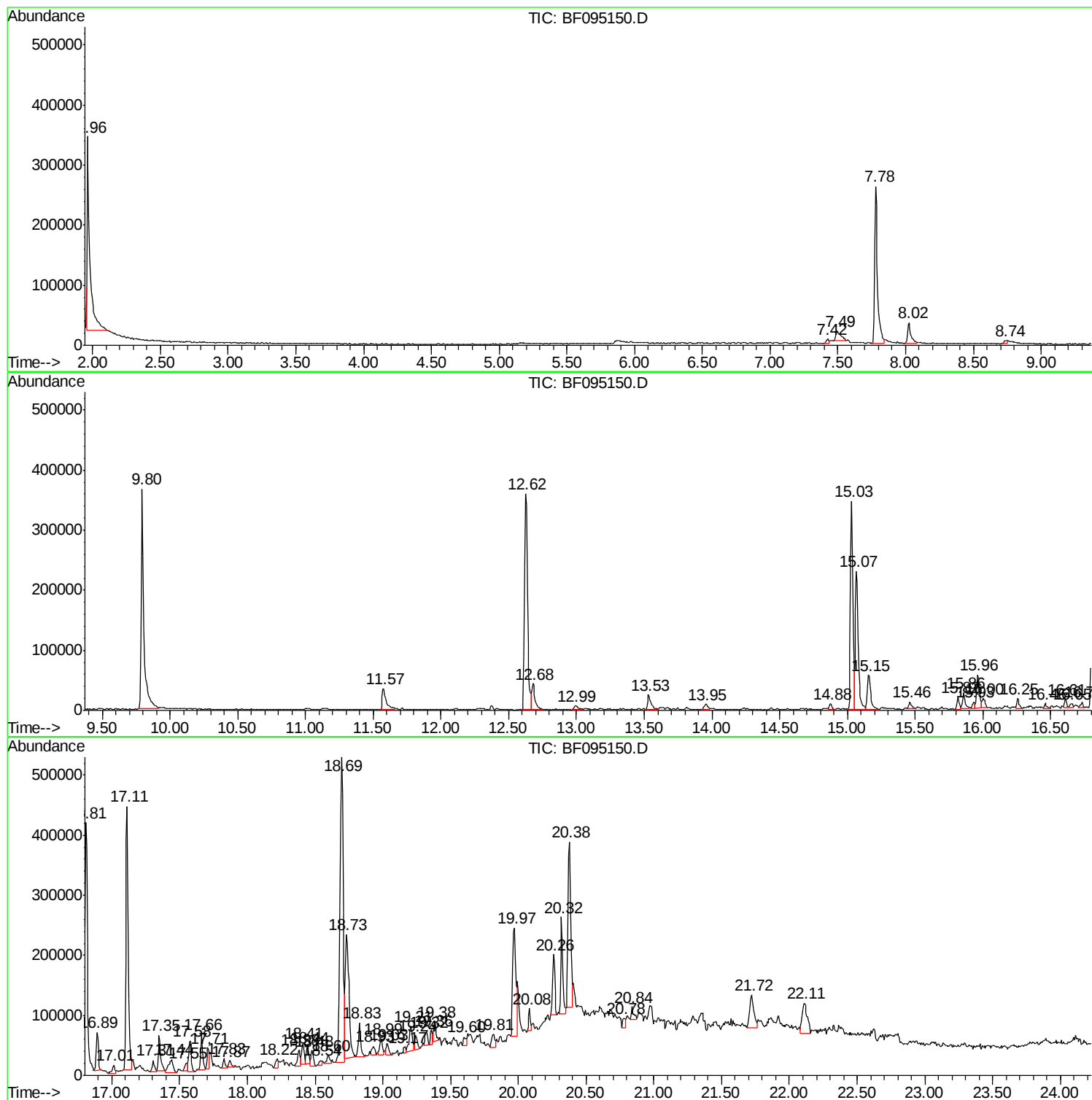
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : I3140-14 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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TP-17-7

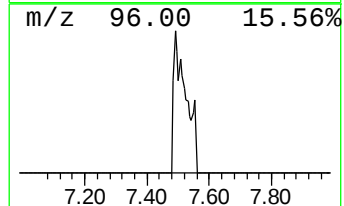
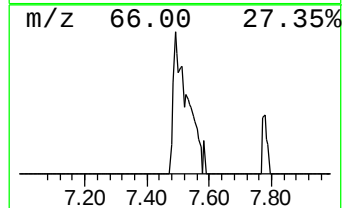
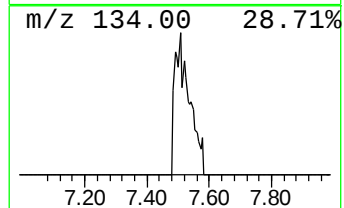
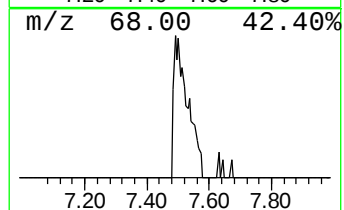
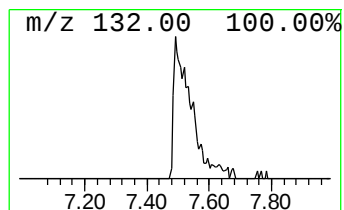
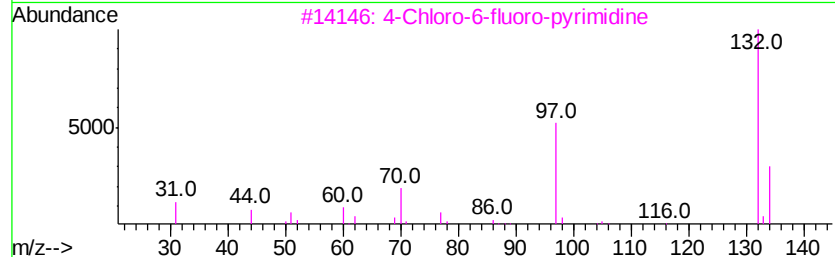
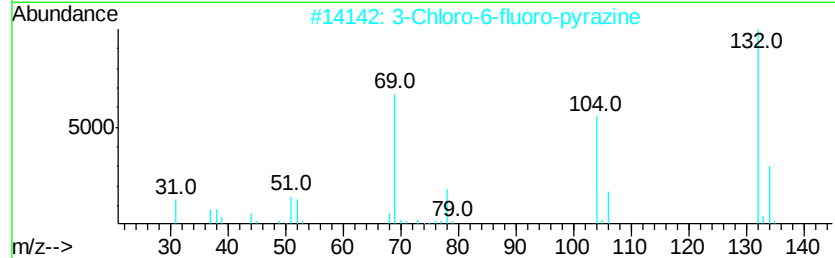
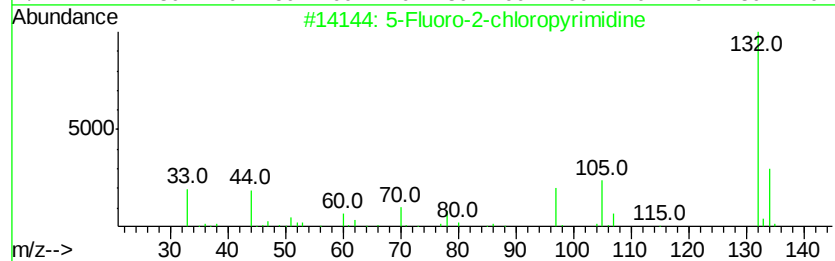
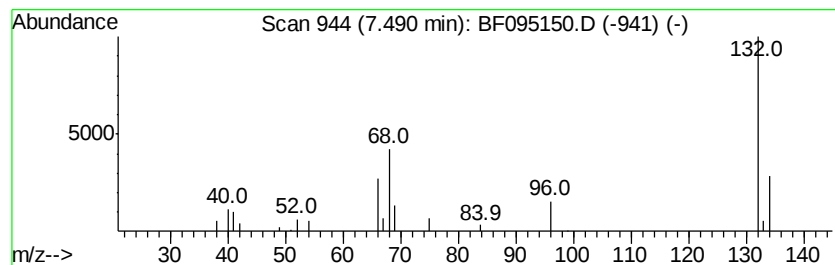
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.49 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	2.19 ng	42036	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4		Selenophene	132	C4H4Se	000288-05-1	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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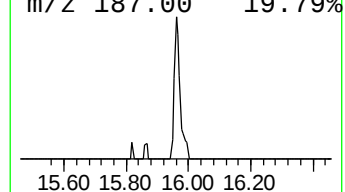
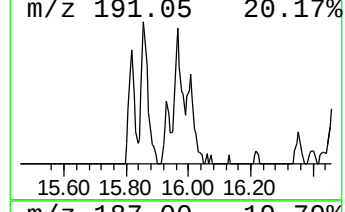
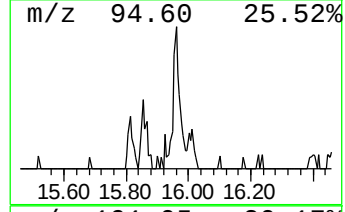
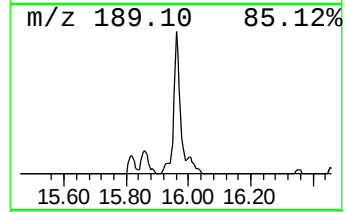
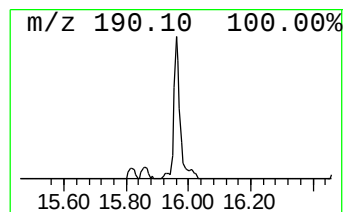
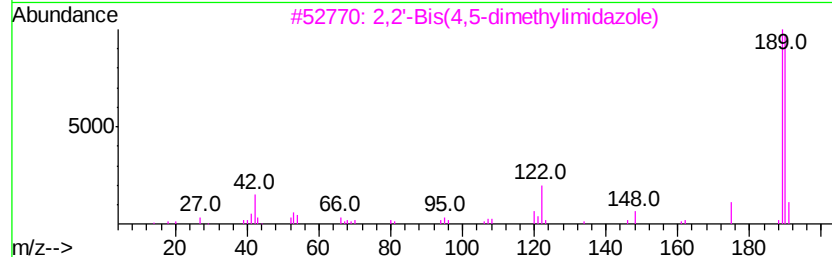
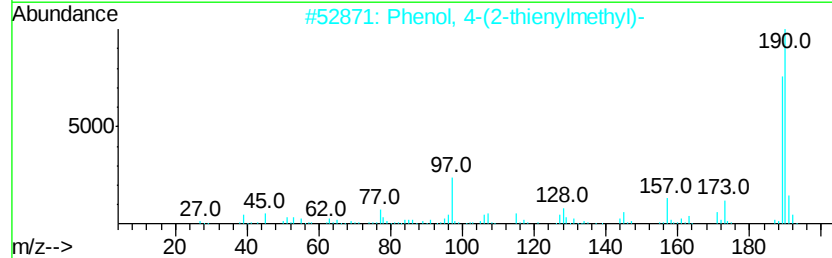
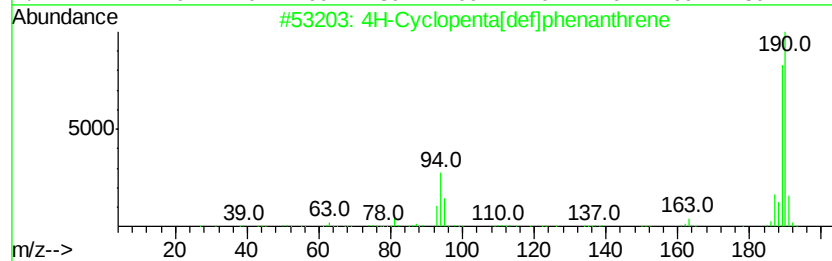
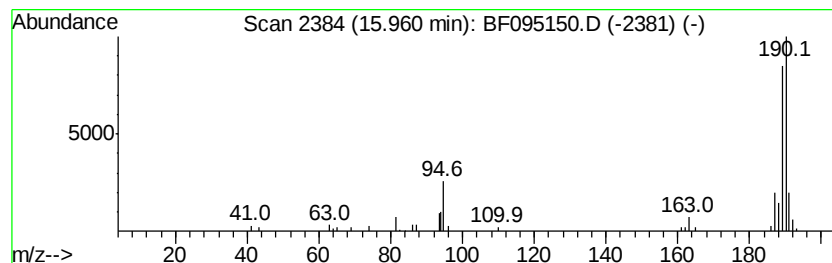
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.96	3.80 ng	77503	Phenanthrene-d10	15.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BCl03S	036155-87-0	40
5	8H-Cyclopenta[d][1,2,4]triazolo[...	190	C9H10N4O	1000337-56-4	38



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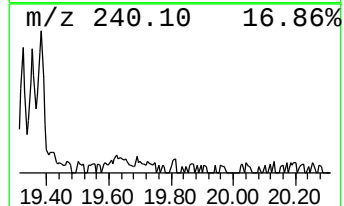
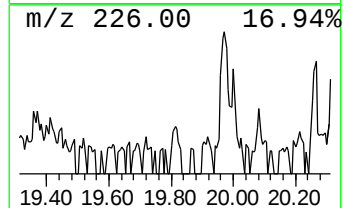
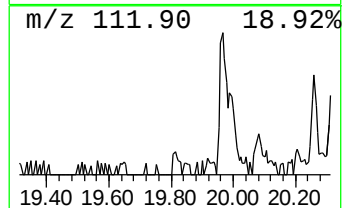
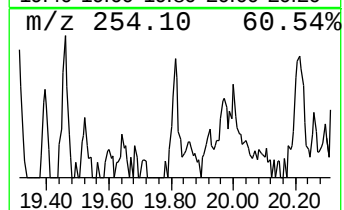
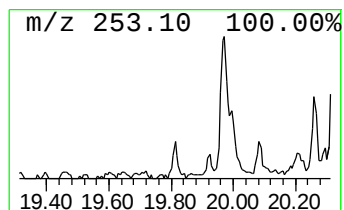
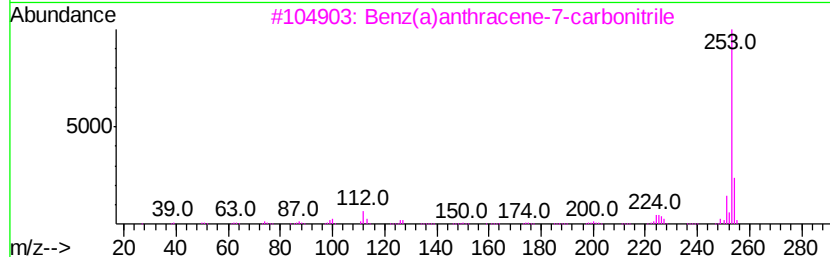
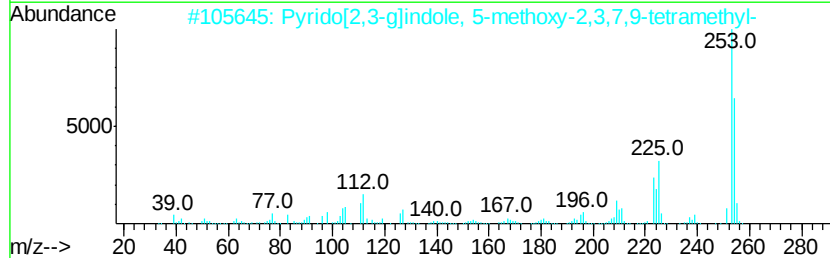
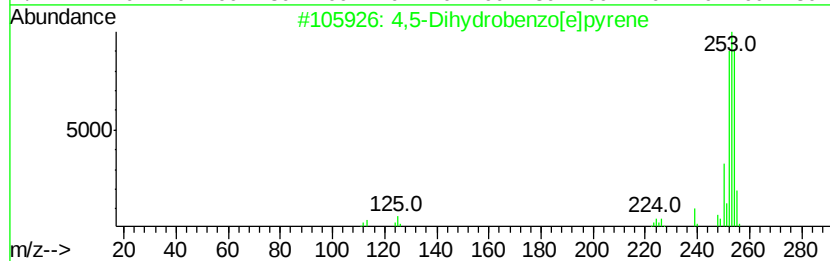
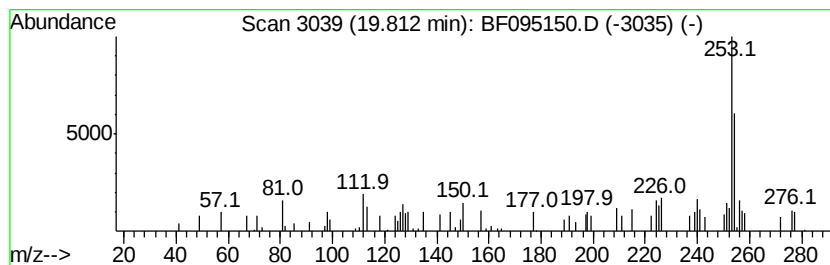
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 4,5-Dihydrobenzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.81	2.25 ng	40438	Perylene-d12	20.38		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dihydrobenzo[e]pvrene	254	C20H14	095676-42-9	70	
2	Pyrido[2,3-qlindole, 5-methoxy-2...	254	C16H18N2O	201991-45-9	58	
3	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	53	
4	1,2-Dihydrobenzo[b]lfluoranthene	254	C20H14	100516-13-0	50	
5	3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	50	



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.49	7.49	2.2	ng	42036	1	7.78	383065	20.0
4H-Cyclopenta[def...	15.96	3.8	ng	77503	4	15.03	408059	20.0
4,5-Dihydrobenzo[...	19.81	2.3	ng	40438	6	20.38	358889	20.0