

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051517\
 Data File : BF095151.D
 Acq On : 16 May 2017 5:56
 Operator : SJ/MA
 Sample : I3140-16 20X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-30-3

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	1.966	3	5	19	rVB	98561	141426	26.04%	3.526%
2	7.425	928	933	934	rBV3	6623	8534	1.57%	0.213%
3	7.495	942	945	952	rBV3	14640	37300	6.87%	0.930%
4	7.778	989	993	1011	rBV	260892	381981	70.32%	9.523%
5	8.025	1030	1035	1046	rBV	32519	56733	10.44%	1.414%
6	8.742	1153	1157	1160	rBV3	4385	7387	1.36%	0.184%
7	9.795	1331	1336	1350	rBV	344820	505684	93.10%	12.607%
8	11.577	1635	1639	1653	rBV	24518	51997	9.57%	1.296%
9	12.624	1813	1817	1825	rBV2	348658	521274	95.97%	12.995%
10	13.542	1970	1973	1983	rVB2	6024	13405	2.47%	0.334%
11	13.960	2040	2044	2049	rBV4	5645	9639	1.77%	0.240%
12	15.030	2222	2226	2231	rBV	289997	402018	74.01%	10.022%
13	15.160	2244	2248	2255	rBV	18736	30909	5.69%	0.771%
14	15.860	2364	2367	2372	rVB3	5291	7548	1.39%	0.188%
15	15.965	2381	2385	2392	rBV2	30726	46846	8.62%	1.168%
16	16.183	2420	2422	2424	rVB3	5905	5466	1.01%	0.136%
17	16.459	2465	2469	2473	rBV3	14622	16254	2.99%	0.405%
18	16.612	2491	2495	2497	rVV4	5465	6723	1.24%	0.168%
19	16.812	2525	2529	2539	rBV	140994	181730	33.46%	4.531%
20	16.889	2539	2542	2550	rVV	45394	51370	9.46%	1.281%
21	17.112	2576	2580	2590	rBV	143362	188350	34.68%	4.696%
22	17.306	2610	2613	2617	rBV4	7363	11284	2.08%	0.281%
23	17.348	2617	2620	2627	rVV	50740	60105	11.07%	1.498%
24	17.436	2629	2635	2640	rVB2	5416	14357	2.64%	0.358%
25	17.518	2646	2649	2652	rBV4	11125	12244	2.25%	0.305%
26	17.548	2652	2654	2657	rVV3	4379	6172	1.14%	0.154%
27	17.577	2657	2659	2663	rVB2	13896	16383	3.02%	0.408%
28	17.665	2669	2674	2679	rBV2	13417	19516	3.59%	0.487%
29	17.730	2679	2685	2688	rVV4	9743	19965	3.68%	0.498%
30	17.830	2700	2702	2706	rBV2	7680	9397	1.73%	0.234%
31	17.865	2706	2708	2713	rVV6	5221	9685	1.78%	0.241%
32	17.912	2713	2716	2718	rVV4	4337	6638	1.22%	0.165%
33	18.412	2798	2801	2804	rVV4	10464	13106	2.41%	0.327%
34	18.448	2805	2807	2810	rVV3	9087	9540	1.76%	0.238%

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Integration Parameters: rteint.p
Integrator: RTE
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

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

35	18.483	2812	2813	2818	rVB4	8173	9070	1.67%	0.226%
36	18.701	2843	2850	2854	rBV	388543	543166	100.00%	13.541%
37	18.836	2870	2873	2878	rVB6	18059	32340	5.95%	0.806%
38	19.048	2906	2909	2910	rBV3	7816	8767	1.61%	0.219%
39	19.206	2934	2936	2939	rVB4	7440	6427	1.18%	0.160%
40	19.359	2960	2962	2964	rBV3	9060	10702	1.97%	0.267%
41	19.977	3064	3067	3070	rBV	32117	46414	8.55%	1.157%
42	20.377	3131	3135	3143	rBV	271448	360438	66.36%	8.986%
43	21.712	3359	3362	3363	rBV3	13827	17148	3.16%	0.428%
44	21.847	3380	3385	3391	rBV10	23865	61741	11.37%	1.539%
45	22.800	3545	3547	3550	rBV4	10033	11111	2.05%	0.277%
46	23.553	3673	3675	3677	rBV3	10681	9302	1.71%	0.232%
47	23.900	3732	3734	3736	rBV3	11864	13630	2.51%	0.340%

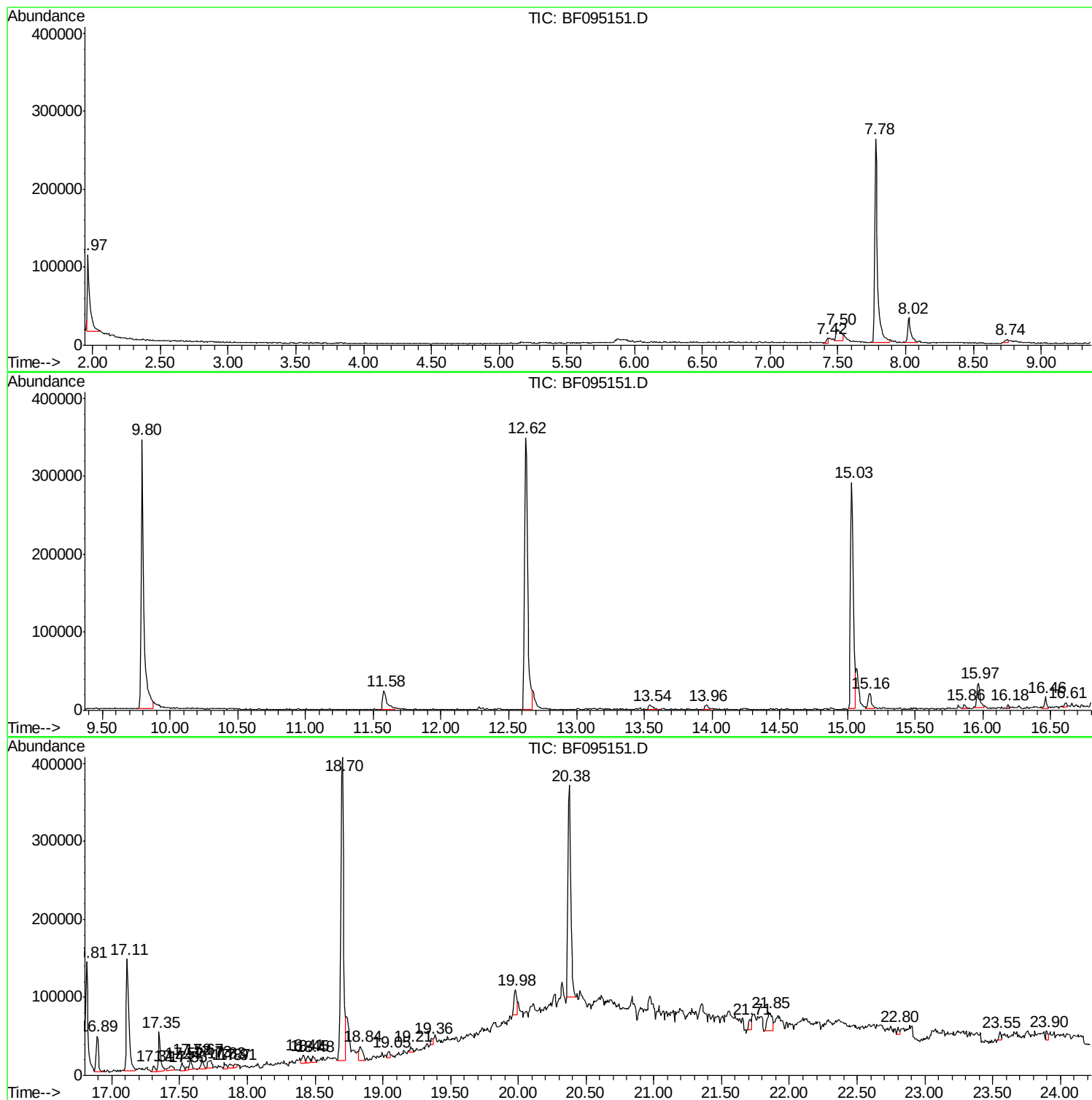
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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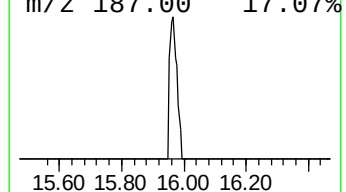
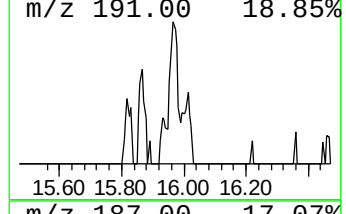
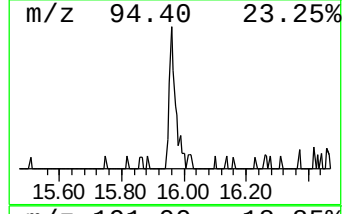
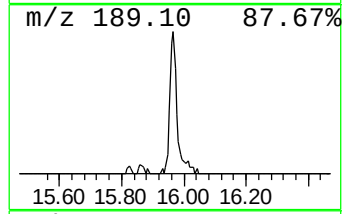
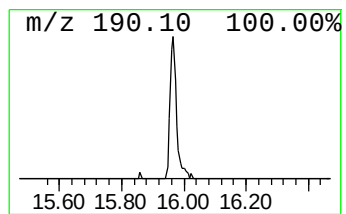
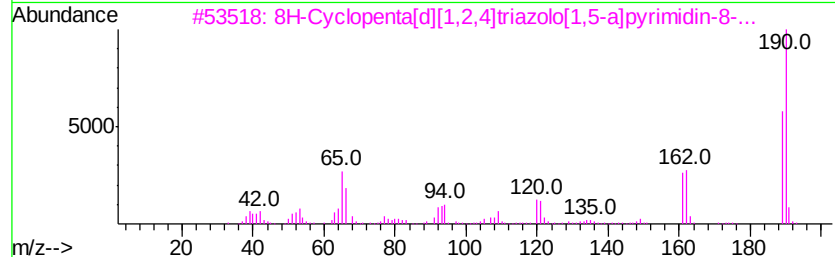
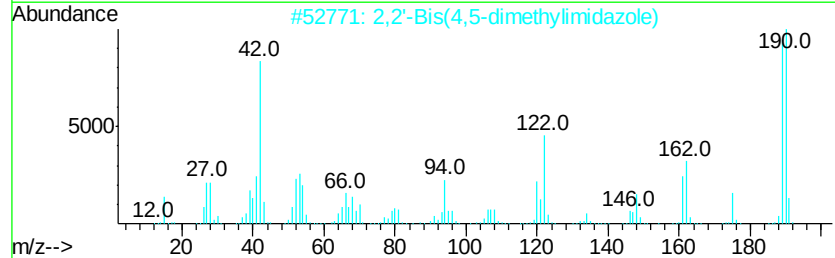
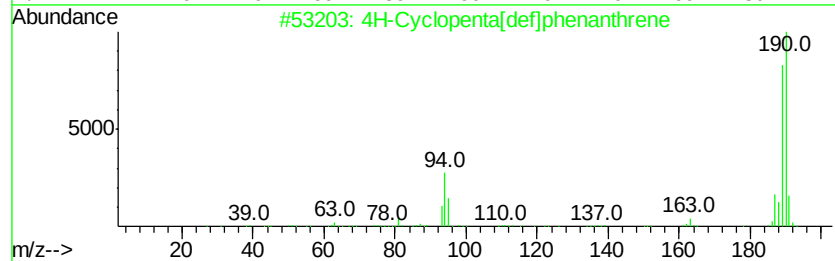
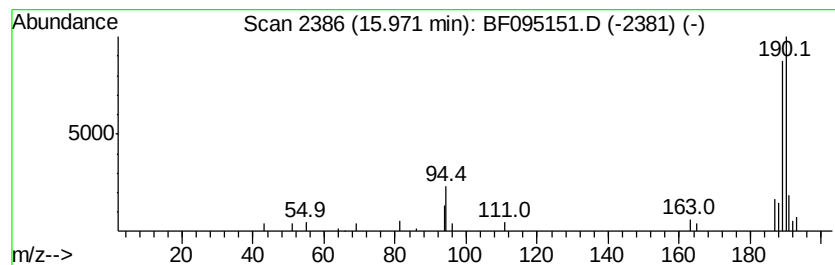
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.97	2.33 ng	46846	Phenanthrene-d10	15.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	72
3	8H-Cyclopenta[d][1,2,4]triazolo[...]	190	C9H10N4O	1000337-56-4	64
4	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	59
5	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59



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Instrument :
BNA_F
ClientSampled :
TP-30-3

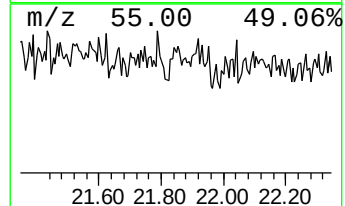
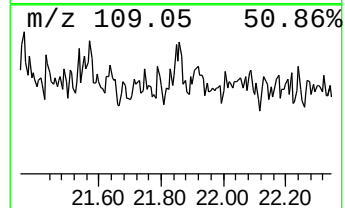
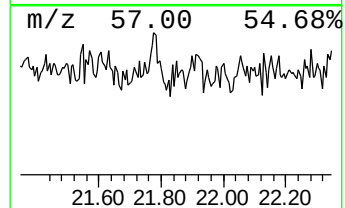
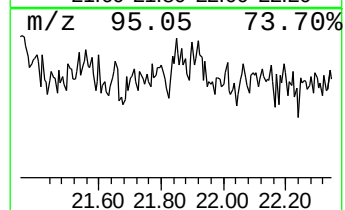
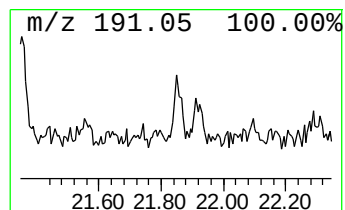
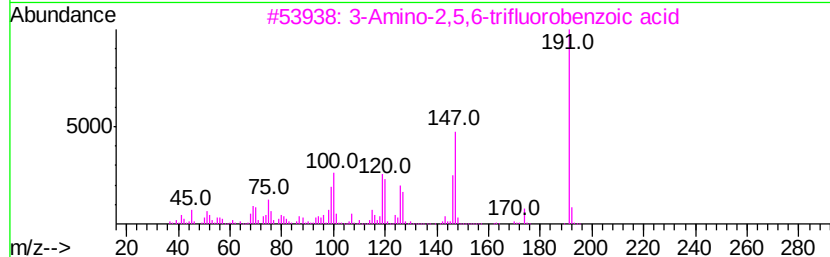
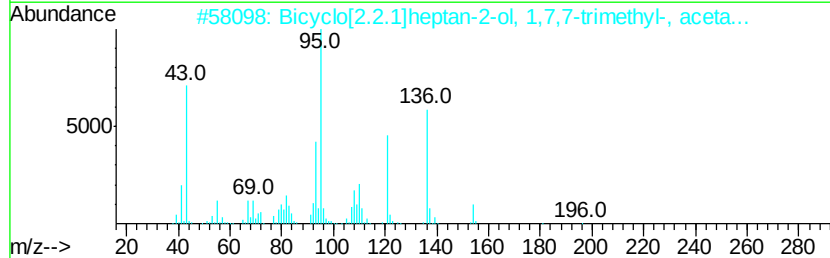
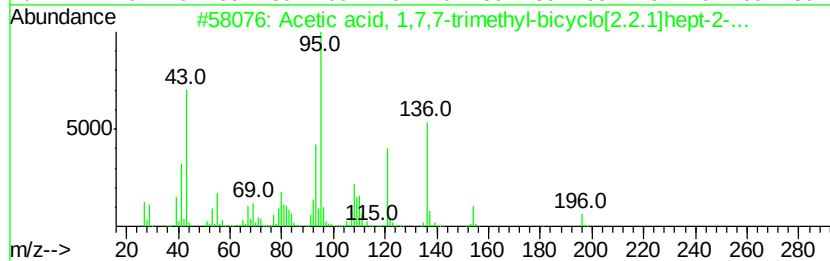
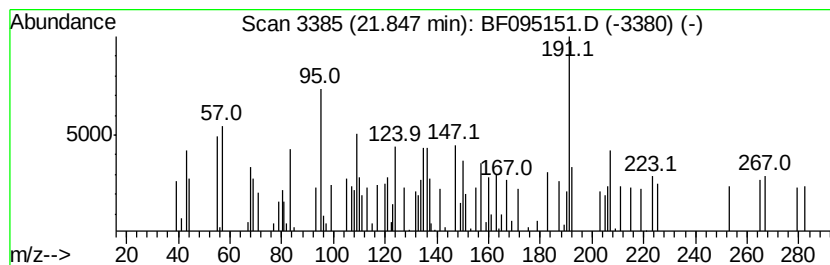
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown21.85 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.85	3.43 ng	61741	Perylene-d12	20.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, 1,7,7-trimethyl-bic...	196	C12H20O2	092618-89-8	14
2		Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	196	C12H20O2	005655-61-8	14
3		3-Amino-2,5,6-trifluorobenzoic acid	191	C7H4F3NO2	133622-65-8	14
4		Ethyl (1R,4S)-1,7,7-trimethylbic...	226	C13H22O3	1000373-77-2	14
5		Alpha,alpha,alpha-trifluoro-4'-n...	207	C7H4F3NO3	000713-65-5	14



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
4H-Cyclopenta[def...	15.97	2.3	ng	46846	4	15.03	402018	20.0
unknown21.85	21.85	3.4	ng	61741	6	20.38	360438	20.0