

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
 Data File : BF095155.D
 Acq On : 16 May 2017 12:53
 Operator : SJ/MA
 Sample : I3140-11 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-3

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	1.960	3	4	33	rVB	238053	370147	46.56%	4.893%
2	5.131	540	543	554	rBV	7691	16814	2.12%	0.222%
3	5.807	654	658	666	rBV4	19838	59085	7.43%	0.781%
4	7.366	920	923	936	rBV2	22912	73947	9.30%	0.977%
5	7.466	936	940	956	rVB	64150	153537	19.31%	2.030%
6	7.778	989	993	1003	rBV	251714	317028	39.88%	4.191%
7	8.019	1030	1034	1043	rBV	76307	112847	14.20%	1.492%
8	8.701	1147	1150	1171	rBV	19239	63805	8.03%	0.843%
9	9.795	1331	1336	1356	rBV	357334	518217	65.19%	6.850%
10	11.571	1634	1638	1656	rBV	84672	151402	19.05%	2.001%
11	12.624	1812	1817	1824	rBV2	343470	502661	63.23%	6.644%
12	12.677	1824	1826	1836	rVB	40307	60162	7.57%	0.795%
13	12.995	1875	1880	1886	rBV3	5634	9909	1.25%	0.131%
14	13.536	1967	1972	1978	rBV4	9171	18404	2.32%	0.243%
15	13.942	2037	2041	2056	rVB6	25506	54976	6.92%	0.727%
16	15.030	2221	2226	2230	rBV	263914	347117	43.67%	4.588%
17	15.065	2230	2232	2244	rVV	99065	148100	18.63%	1.958%
18	15.159	2244	2248	2257	rVB	37955	56988	7.17%	0.753%
19	15.818	2356	2360	2363	rBV2	13910	17075	2.15%	0.226%
20	15.859	2363	2367	2371	rVV	11919	15870	2.00%	0.210%
21	15.930	2373	2379	2381	rBV3	8831	13150	1.65%	0.174%
22	15.959	2381	2384	2389	rVV2	40496	60860	7.66%	0.804%
23	16.006	2390	2392	2397	rVB4	11975	14812	1.86%	0.196%
24	16.259	2432	2435	2438	rVB2	10693	12899	1.62%	0.171%
25	16.612	2488	2495	2498	rBV4	14544	20647	2.60%	0.273%
26	16.648	2498	2501	2505	rVV4	8014	13649	1.72%	0.180%
27	16.730	2509	2515	2518	rBV7	9473	13105	1.65%	0.173%
28	16.806	2524	2528	2538	rBV	381386	499771	62.87%	6.606%
29	17.012	2560	2563	2568	rBV2	10318	16752	2.11%	0.221%
30	17.112	2575	2580	2587	rBV	437108	540172	67.95%	7.140%
31	17.301	2609	2612	2617	rBV	14994	21493	2.70%	0.284%
32	17.348	2617	2620	2628	rVV2	124794	154782	19.47%	2.046%
33	17.436	2628	2635	2641	rVV5	19331	44159	5.56%	0.584%
34	17.489	2642	2644	2648	rVV3	7496	8569	1.08%	0.113%

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35	17.548	2648	2654	2656	rVV6	23762	43464	5.47%	0.575%
36	17.577	2656	2659	2664	rVB2	59704	77644	9.77%	1.026%
37	17.659	2669	2673	2677	rBV	62258	73101	9.20%	0.966%
38	17.712	2678	2682	2688	rVV5	40024	74385	9.36%	0.983%
39	17.830	2698	2702	2705	rVB	23439	30759	3.87%	0.407%
40	17.865	2705	2708	2711	rBV4	20085	29377	3.70%	0.388%
41	18.042	2735	2738	2741	rBV5	7760	10847	1.36%	0.143%
42	18.118	2744	2751	2752	rBV7	14129	29554	3.72%	0.391%
43	18.218	2764	2768	2772	rBV5	20609	40069	5.04%	0.530%
44	18.383	2792	2796	2798	rBV	30917	40586	5.11%	0.536%
45	18.412	2798	2801	2803	rVV2	33565	38358	4.83%	0.507%
46	18.442	2803	2806	2810	rVV2	35182	43635	5.49%	0.577%
47	18.477	2810	2812	2816	rVB3	26392	29078	3.66%	0.384%
48	18.600	2831	2833	2836	rVB3	12536	8873	1.12%	0.117%
49	18.695	2844	2849	2853	rBV2	500297	794928	100.00%	10.508%
50	18.736	2853	2856	2865	rVV3	186831	395376	49.74%	5.226%
51	18.830	2868	2872	2876	rVB	52838	63415	7.98%	0.838%
52	18.930	2885	2889	2891	rBV5	15057	24715	3.11%	0.327%
53	18.983	2896	2898	2901	rVB4	30285	29961	3.77%	0.396%
54	19.159	2922	2928	2930	rBV6	28406	51229	6.44%	0.677%
55	19.206	2934	2936	2939	rVB2	38927	42583	5.36%	0.563%
56	19.318	2953	2955	2958	rVB4	34457	38805	4.88%	0.513%
57	19.618	3003	3006	3007	rBV3	19330	21983	2.77%	0.291%
58	19.942	3059	3061	3062	rBV2	23122	16061	2.02%	0.212%
59	19.965	3062	3065	3068	rBV	203407	273537	34.41%	3.616%
60	20.083	3082	3085	3087	rBV	51592	51021	6.42%	0.674%
61	20.106	3087	3089	3093	rVV5	25906	35088	4.41%	0.464%
62	20.259	3112	3115	3120	rVB	94640	102480	12.89%	1.355%
63	20.318	3122	3125	3130	rBV	129866	148385	18.67%	1.961%
64	20.377	3131	3135	3139	rBV	224402	276636	34.80%	3.657%
65	21.718	3359	3363	3373	rVB	52604	94206	11.85%	1.245%
66	22.106	3426	3429	3430	rBV2	27290	32117	4.04%	0.425%

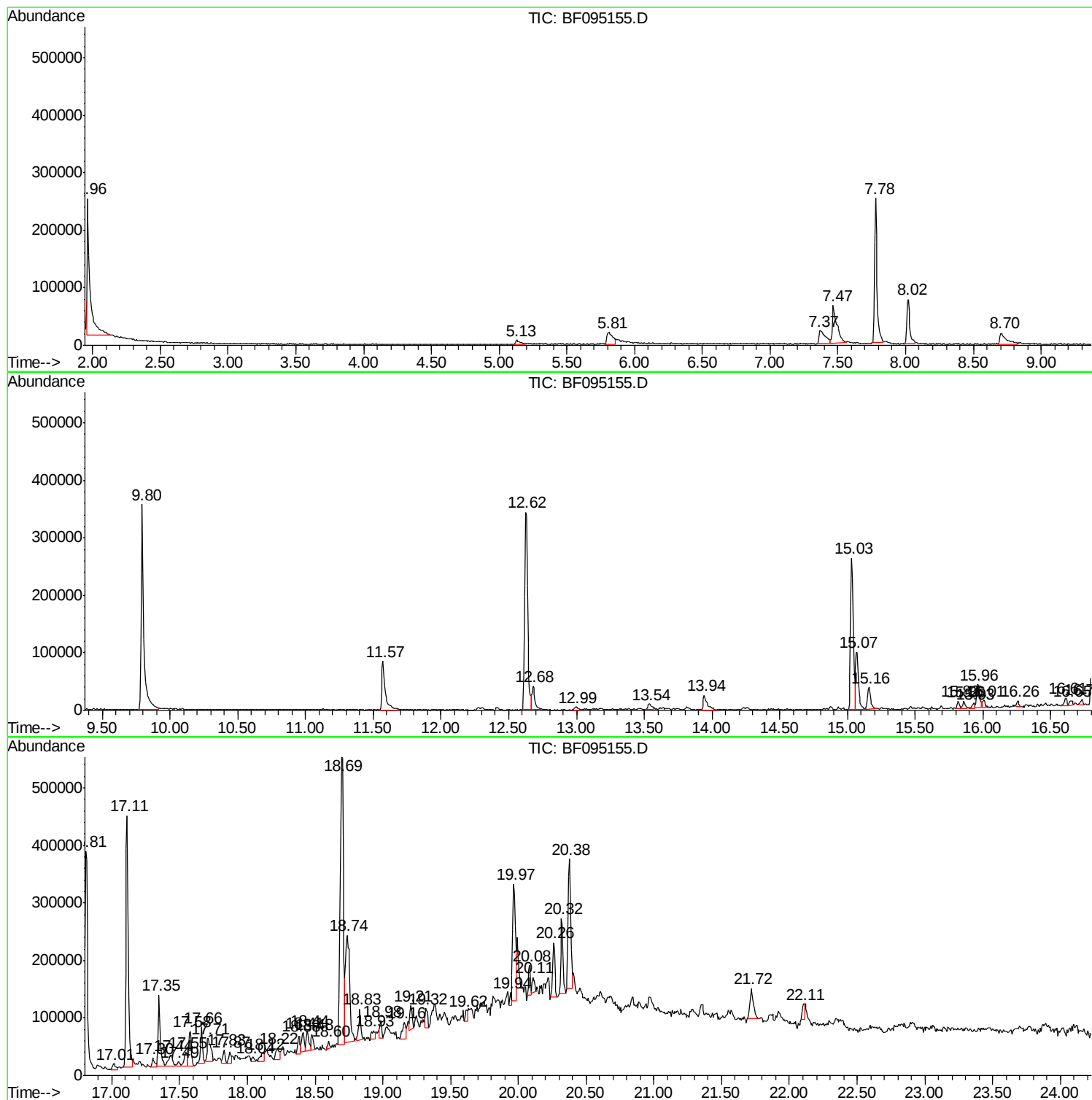
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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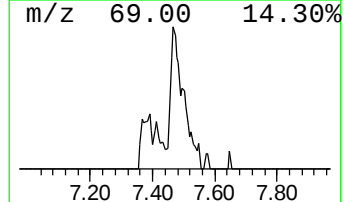
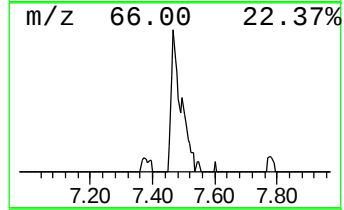
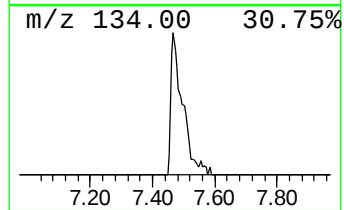
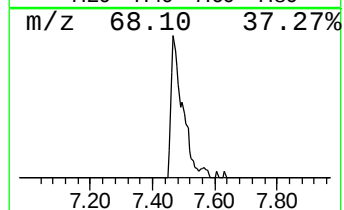
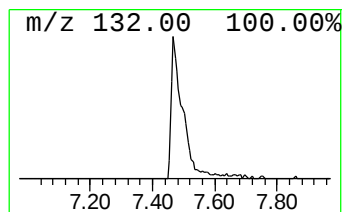
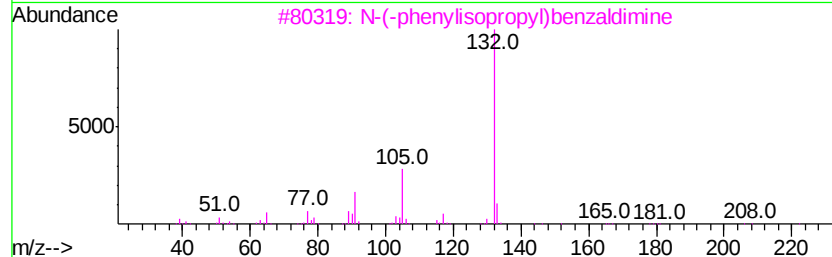
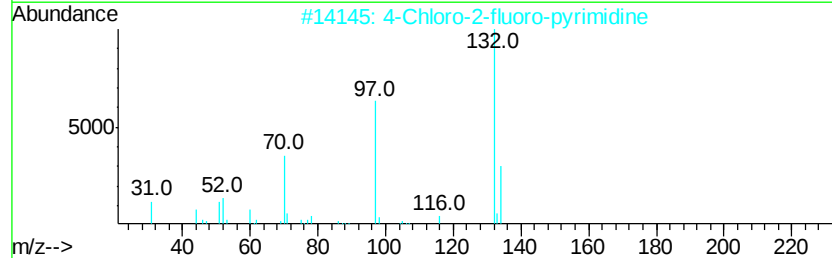
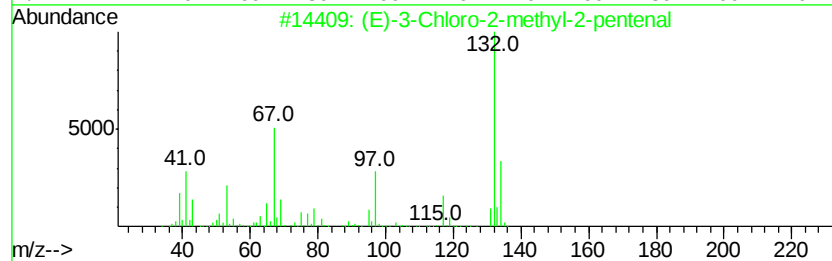
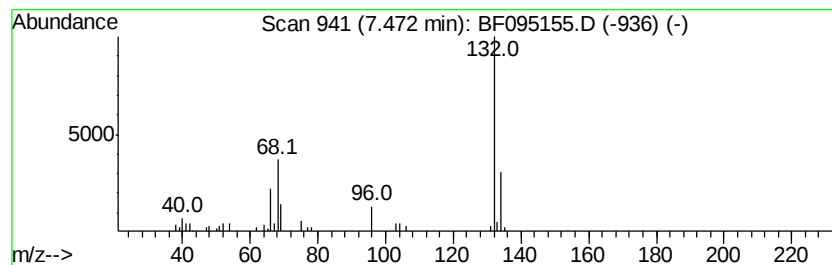
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.47 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	9.69 ng	153537	1,4-Dichlorobenzene-d4	7.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17		
2	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	17		
3	N-(-phenylisopropyl)benzalimine	223	C16H17N	1000379-01-3	10		
4	5-Aminoindole	132	C8H8N2	005192-03-0	10		
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9		



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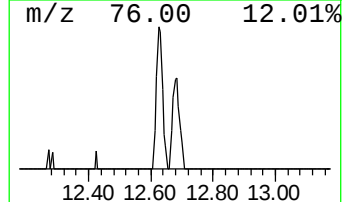
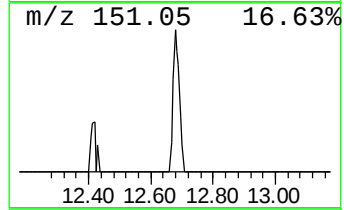
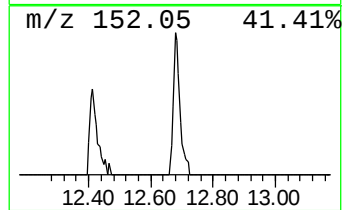
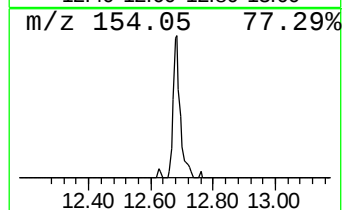
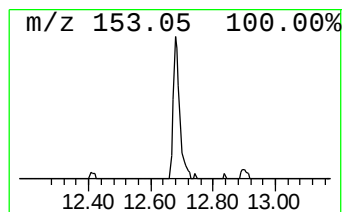
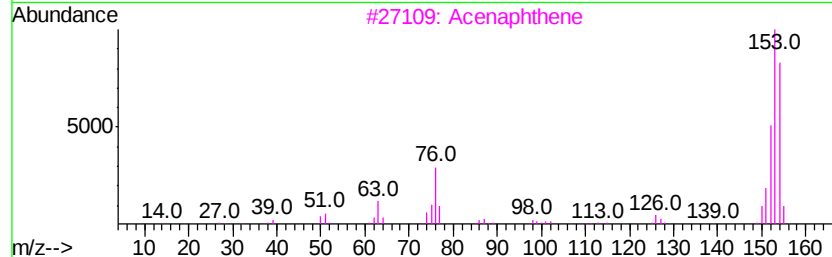
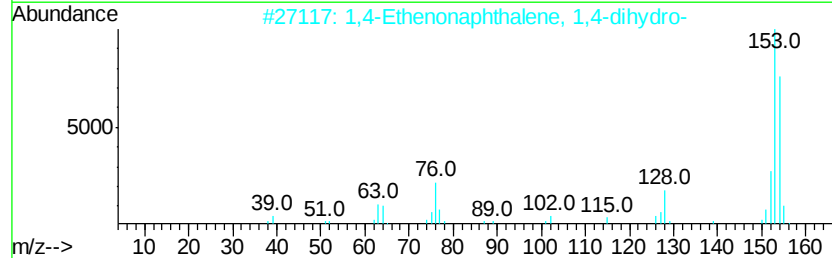
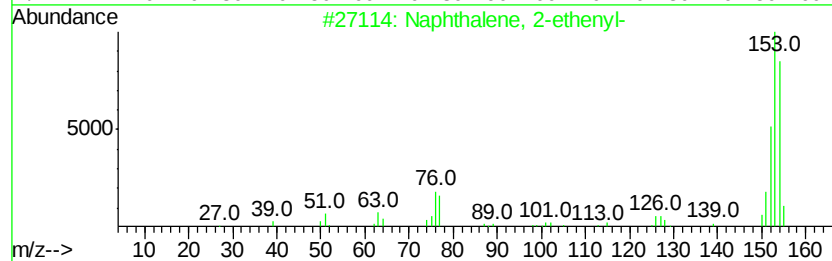
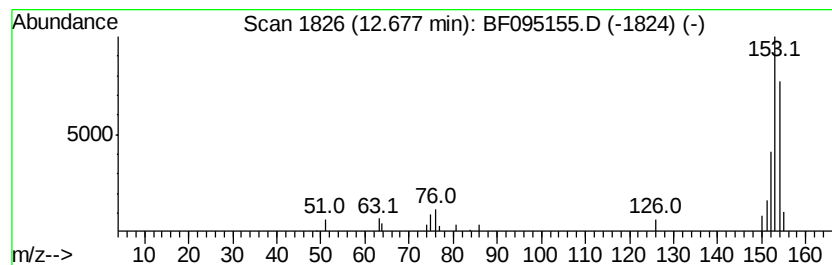
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2-ethenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	2.39 ng	60162	Acenaphthene-d10	12.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	59
2		1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	59
3		Acenaphthene	154	C12H10	000083-32-9	53
4		Biphenyl	154	C12H10	000092-52-4	43
5		2,3,4-Trihydroxybenzaldehyde	154	C7H6O4	002144-08-3	42



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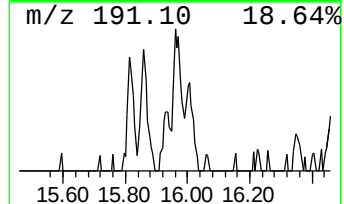
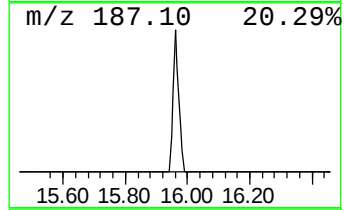
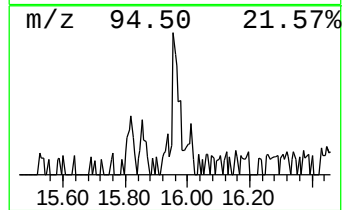
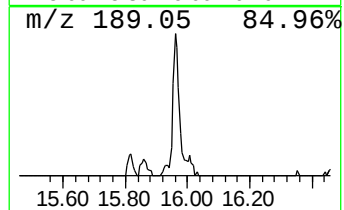
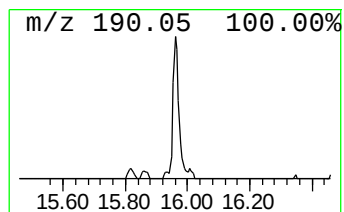
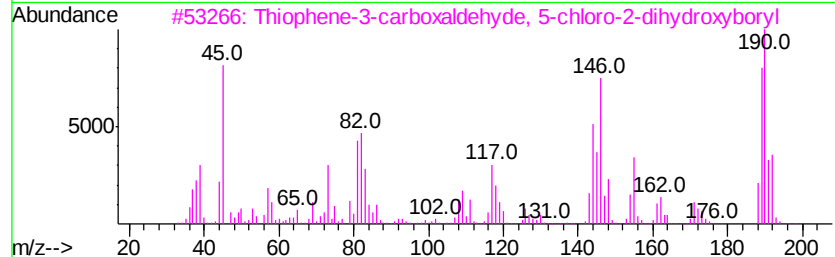
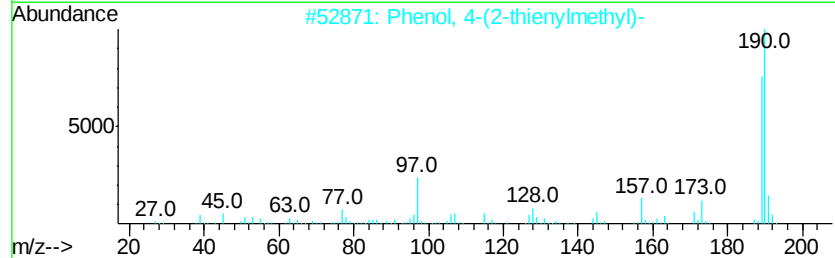
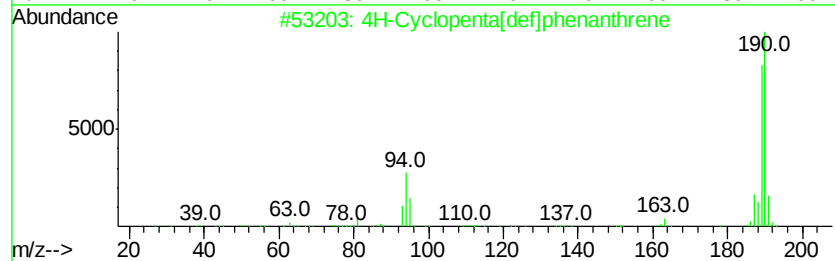
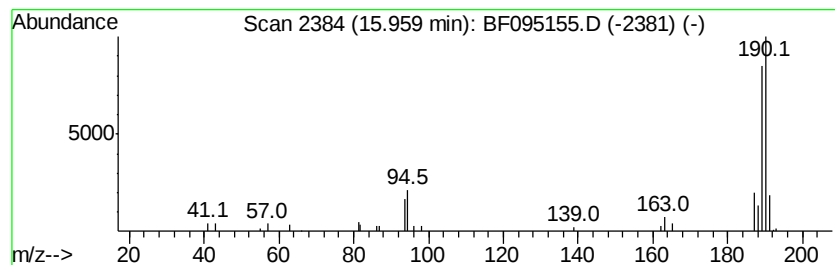
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.96	3.51 ng	60860	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	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	53
3	Thiophene-3-carboxaldehyde, 5-chloro-2-dihydroxyboryl	190	C5H4BClO3S	036155-87-0	40
4	8H-Cyclopenta[d][1,2,4]triazolo[4,5-b]pyridine	190	C9H10N4O	1000337-56-4	36
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	28



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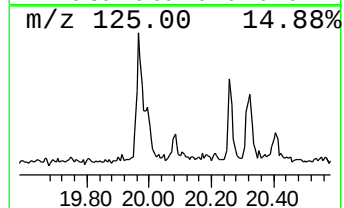
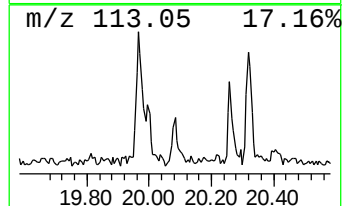
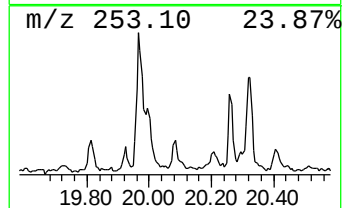
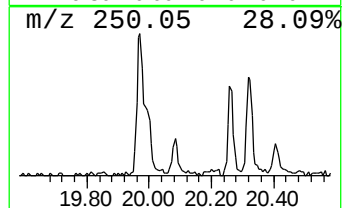
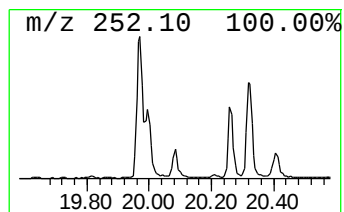
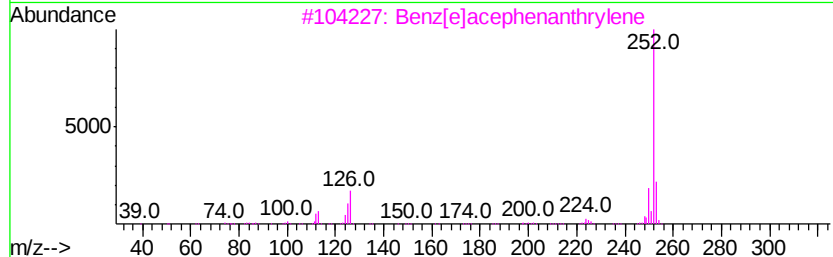
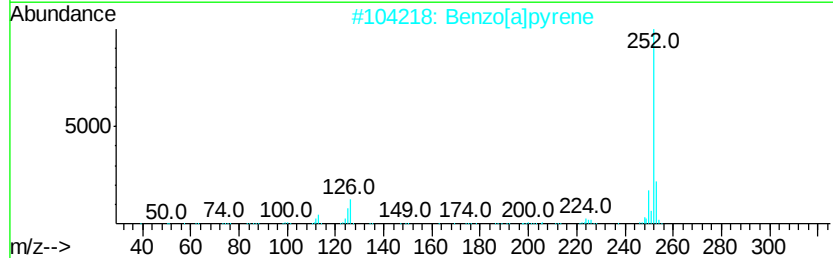
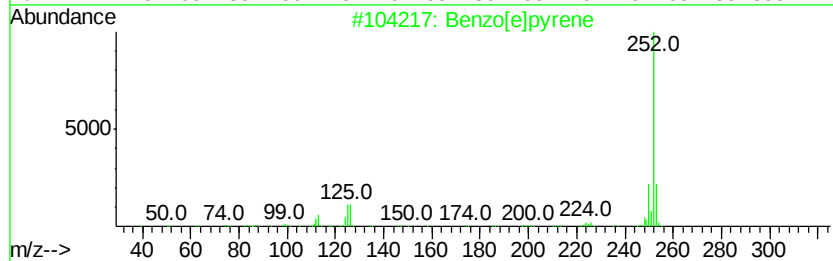
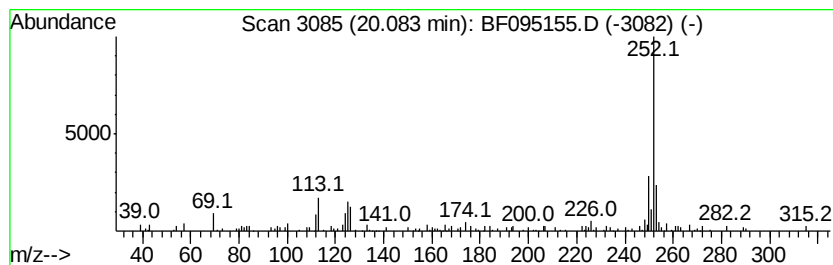
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.08	3.69 ng	51021	Perylene-d12	20.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	95
2		Benzo[a]pyrene	252	C20H12	000050-32-8	93
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4		Perylene	252	C20H12	000198-55-0	87
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	81



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ClientSampleId :
TP-4-3

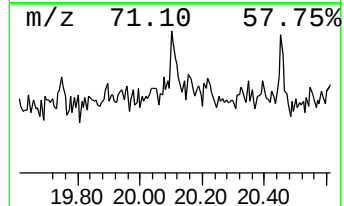
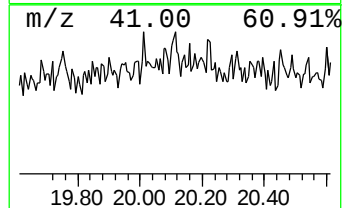
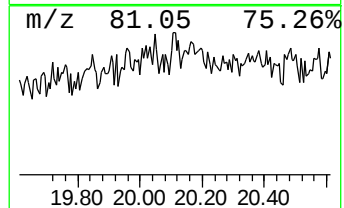
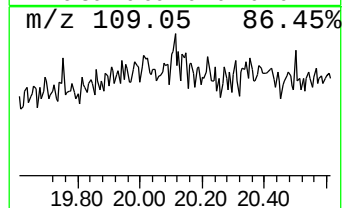
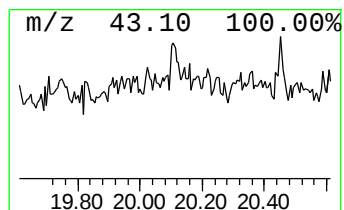
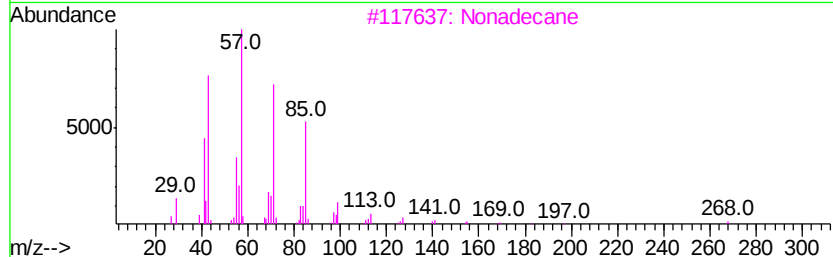
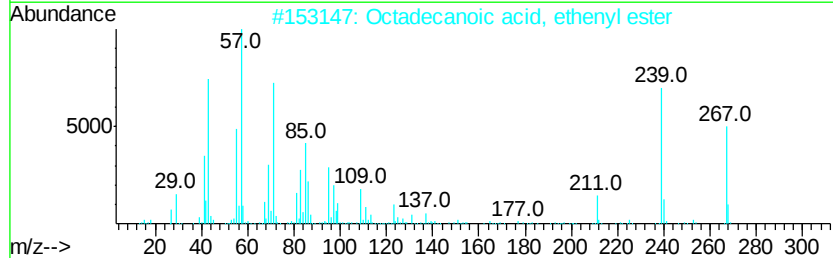
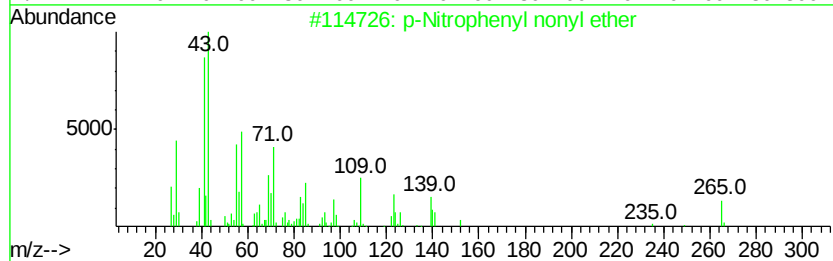
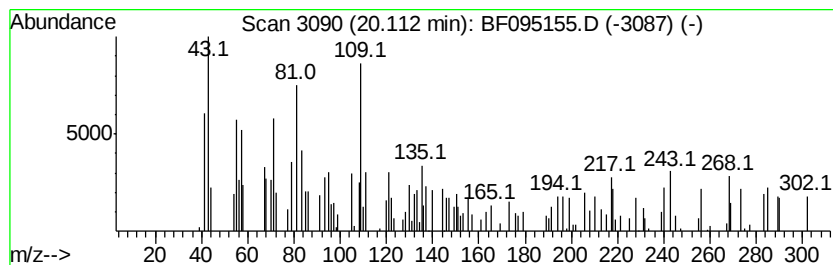
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown20.11 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	2.54 ng	35088	Perylene-d12	20.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Nitrophenyl nonyl ether	265	C15H23NO3	086702-46-7	27
2		Octadecanoic acid, ethenyl ester	310	C20H38O2	000111-63-7	14
3		Nonadecane	268	C19H40	000629-92-5	14
4		4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	11
5		4,4-Dimethyl octane	142	C10H22	015869-95-1	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051517\
Data File : BF095155.D
Acq On : 16 May 2017 12:53
Operator : SJ/MA
Sample : I3140-11 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4-3

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
unknown7.47	7.47	9.7	ng	153537	1	7.78	317028	20.0
Naphthalene, 2-et...	12.68	2.4	ng	60162	3	12.62	502661	20.0
4H-Cyclopenta[def...	15.96	3.5	ng	60860	4	15.03	347117	20.0
Benzo[e]pyrene	20.08	3.7	ng	51021	6	20.38	276636	20.0
unknown20.11	20.11	2.5	ng	35088	6	20.38	276636	20.0