

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
 Data File : BG021146.D
 Acq On : 28 Feb 2016 11:21
 Operator : UM/SJ
 Sample : H1442-01 20X
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-10-20160211

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_G\METHODS\8270-BG022616.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	3.094	39	43	49	rVB	23658	32051	11.04%	1.269%
2	3.235	63	67	76	rVB2	7106	12396	4.27%	0.491%
3	5.720	485	490	497	rVB2	6216	9275	3.19%	0.367%
4	7.306	754	760	766	rBB2	8098	12392	4.27%	0.491%
5	7.688	820	825	831	rVB	6549	10597	3.65%	0.420%
6	8.164	900	906	913	rBB	38600	63029	21.71%	2.496%
7	8.487	955	961	966	rBB3	4390	7295	2.51%	0.289%
8	9.327	1099	1104	1110	rBB	4541	7495	2.58%	0.297%
9	10.973	1378	1384	1391	rBV	59141	104501	35.99%	4.138%
10	11.025	1391	1393	1399	rVB2	2935	3878	1.34%	0.154%
11	12.612	1658	1663	1668	rBB	2096	3016	1.04%	0.119%
12	13.399	1792	1797	1802	rBB	11041	14375	4.95%	0.569%
13	14.768	2023	2030	2037	rBV2	89048	140663	48.45%	5.570%
14	14.833	2037	2041	2046	rVB	12553	17886	6.16%	0.708%
15	15.168	2093	2098	2102	rBB	7861	11327	3.90%	0.449%
16	15.808	2203	2207	2213	rBB	11170	16421	5.66%	0.650%
17	16.243	2278	2281	2288	rBB	7010	10781	3.71%	0.427%
18	17.154	2431	2436	2440	rBB2	4665	6239	2.15%	0.247%
19	17.259	2450	2454	2457	rVB2	2279	3099	1.07%	0.123%
20	17.324	2461	2465	2470	rVB	5026	7330	2.52%	0.290%
21	17.506	2490	2496	2499	rBV	110375	163338	56.26%	6.468%
22	17.547	2499	2503	2509	rVV	152414	214623	73.92%	8.499%
23	17.635	2513	2518	2524	rVV	26716	38624	13.30%	1.530%
24	17.900	2556	2563	2570	rBB3	11299	16789	5.78%	0.665%
25	18.376	2639	2644	2648	rBV2	14368	19116	6.58%	0.757%
26	18.423	2648	2652	2658	rVB	18753	25667	8.84%	1.016%
27	18.505	2661	2666	2670	rVV2	4528	6270	2.16%	0.248%
28	18.570	2670	2677	2681	rVV2	17814	33332	11.48%	1.320%
29	18.605	2681	2683	2688	rVB2	8716	10225	3.52%	0.405%
30	18.863	2723	2727	2731	rBV	9661	12801	4.41%	0.507%
31	18.904	2731	2734	2741	rVB	10017	13391	4.61%	0.530%
32	19.110	2764	2769	2774	rBV	3048	4367	1.50%	0.173%
33	19.281	2791	2798	2802	rBV2	6624	10878	3.75%	0.431%
34	19.339	2802	2808	2812	rBV3	2991	5842	2.01%	0.231%

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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_G\METHODS\8270-BG022616.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.422	2817	2822	2829	rBV5	4878	8884	3.06%	0.352%
36	19.539	2837	2842	2849	rVB	135917	196066	67.53%	7.765%
37	19.639	2854	2859	2863	rVB	2336	3373	1.16%	0.134%
38	19.786	2880	2884	2886	rBV3	3649	4192	1.44%	0.166%
39	19.868	2892	2898	2900	rBV2	22023	32858	11.32%	1.301%
40	19.903	2900	2904	2910	rVB	120488	168417	58.01%	6.670%
41	19.968	2910	2915	2920	rBV4	5586	8356	2.88%	0.331%
42	20.091	2927	2936	2940	rBV2	20981	30752	10.59%	1.218%
43	20.144	2940	2945	2950	rVB	4361	6496	2.24%	0.257%
44	20.221	2952	2958	2959	rBV2	6734	10742	3.70%	0.425%
45	20.273	2964	2967	2972	rVV4	2124	4199	1.45%	0.166%
46	20.385	2975	2986	2992	rVB3	13671	30104	10.37%	1.192%
47	20.485	2999	3003	3007	rBV2	7426	10033	3.46%	0.397%
48	20.544	3007	3013	3017	rVV2	9986	17095	5.89%	0.677%
49	20.579	3017	3019	3024	rVV3	3448	5154	1.78%	0.204%
50	20.626	3024	3027	3031	rVB3	2712	3230	1.11%	0.128%
51	20.685	3033	3037	3041	rBV	7453	9271	3.19%	0.367%
52	20.732	3041	3045	3048	rBV2	6460	8903	3.07%	0.353%
53	21.149	3110	3116	3121	rVB2	9473	14600	5.03%	0.578%
54	21.337	3139	3148	3149	rBV6	6839	12541	4.32%	0.497%
55	21.390	3153	3157	3160	rVV3	7715	11078	3.82%	0.439%
56	21.437	3161	3165	3170	rVV3	6999	11451	3.94%	0.453%
57	21.484	3170	3173	3178	rVV3	7692	11419	3.93%	0.452%
58	21.766	3212	3221	3226	rBV2	127659	290327	100.00%	11.497%
59	21.813	3226	3229	3237	rVB	44371	73641	25.36%	2.916%
60	21.966	3250	3255	3260	rBV5	7849	12925	4.45%	0.512%
61	22.183	3285	3292	3298	rBV5	4980	9066	3.12%	0.359%
62	22.430	3331	3334	3338	rVB5	2030	2976	1.03%	0.118%
63	22.512	3342	3348	3353	rVB3	6456	13012	4.48%	0.515%
64	22.718	3381	3383	3387	rBV5	2174	3013	1.04%	0.119%
65	22.788	3390	3395	3400	rVV8	3081	6259	2.16%	0.248%
66	22.835	3400	3403	3408	rVB7	2645	3982	1.37%	0.158%
67	22.929	3413	3419	3427	rBV8	3502	7279	2.51%	0.288%
68	23.188	3458	3463	3468	rVB7	2894	5696	1.96%	0.226%
69	24.004	3594	3602	3610	rBV2	24260	82533	28.43%	3.268%
70	24.269	3642	3647	3650	rVB7	3482	5597	1.93%	0.222%
71	24.739	3720	3727	3739	rVB3	14944	41573	14.32%	1.646%

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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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72	24.886	3745	3752	3761	rVB3	20539	56629	19.51%	2.243%
73	25.050	3770	3780	3789	rBV3	58792	171611	59.11%	6.796%
74	26.572	4037	4039	4045	rBV6	1803	2977	1.03%	0.118%
75	28.787	4404	4416	4424	rBV4	7594	29307	10.09%	1.161%
76	29.263	4493	4497	4499	rBV5	2640	3775	1.30%	0.149%
77	29.950	4604	4614	4615	rBV4	5564	14451	4.98%	0.572%

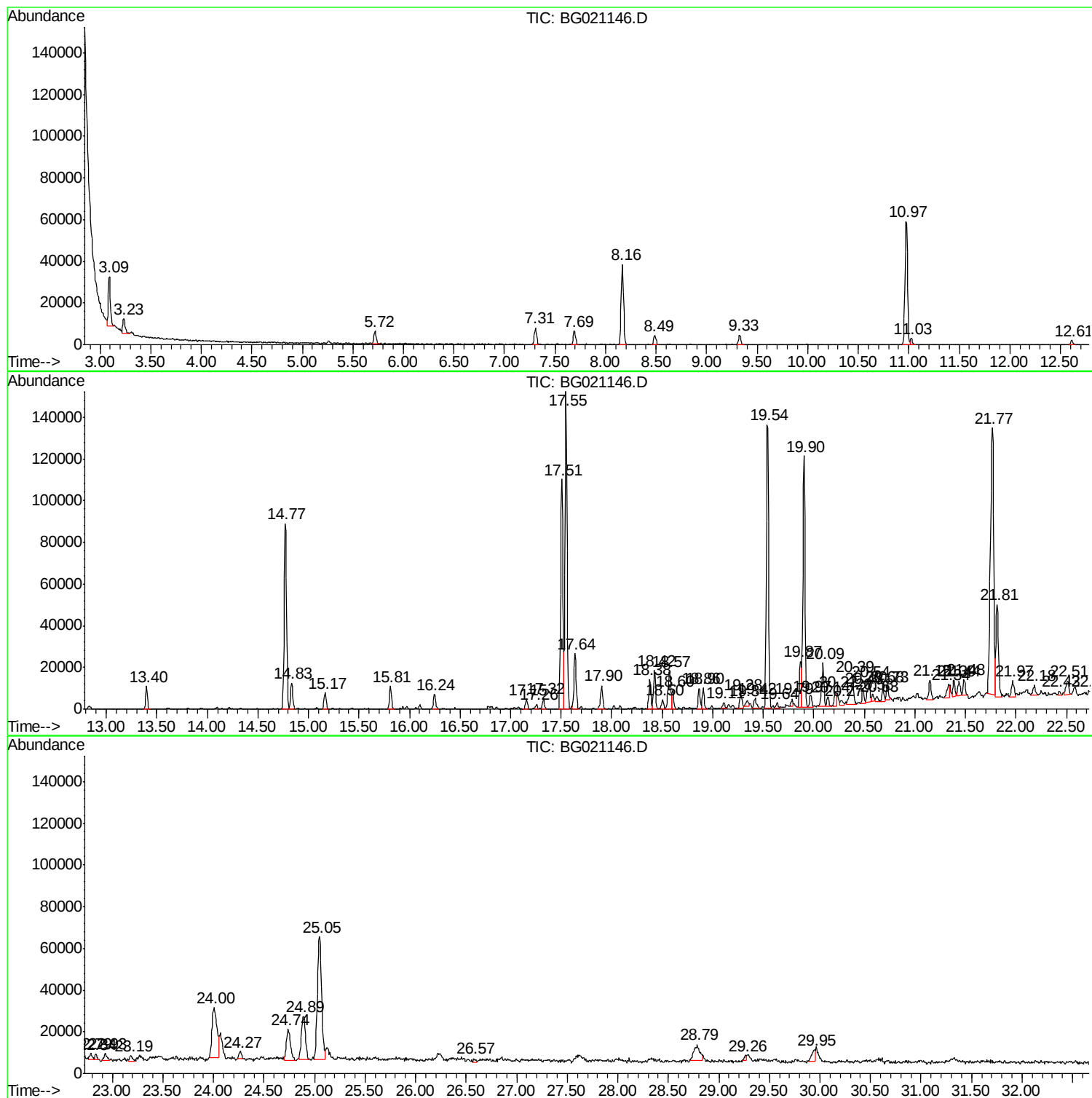
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
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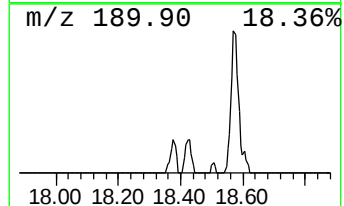
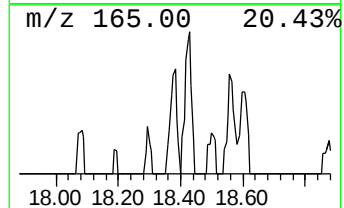
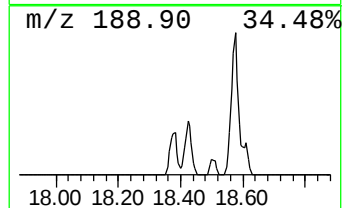
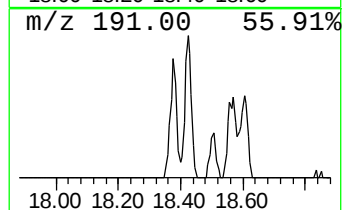
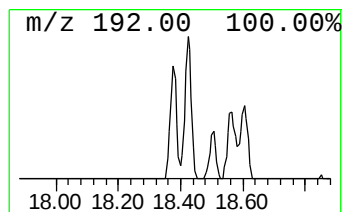
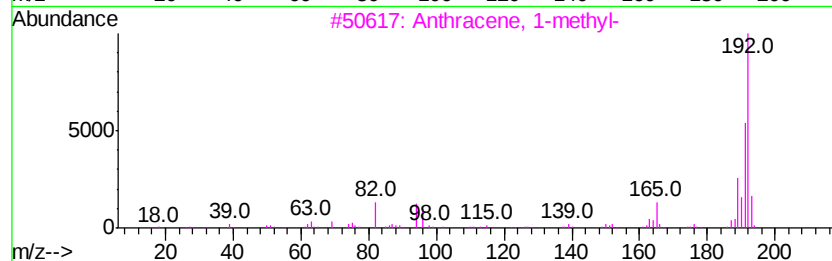
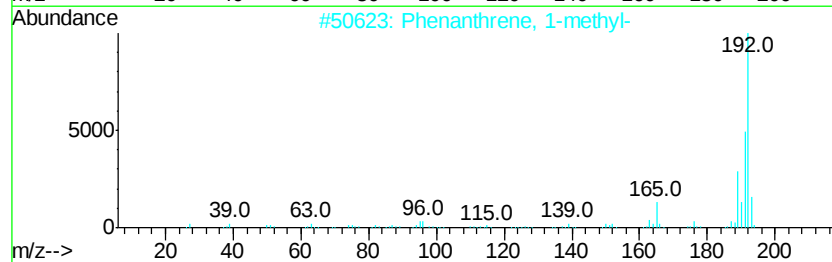
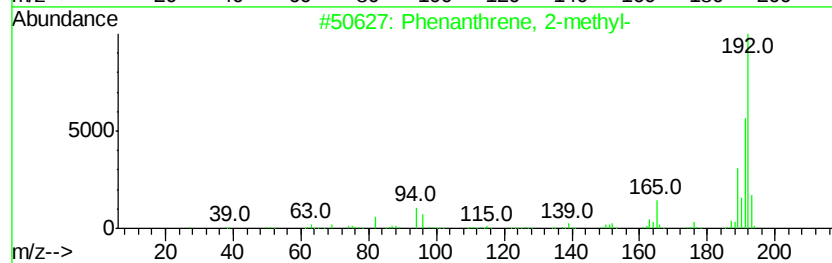
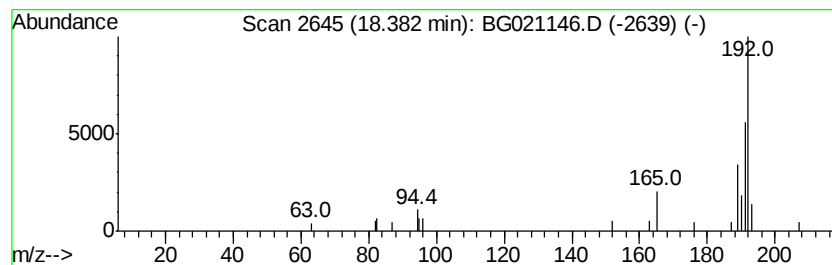
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.34 ng	19116	Phenanthrene-d10	17.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	76
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	74



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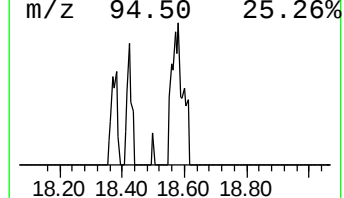
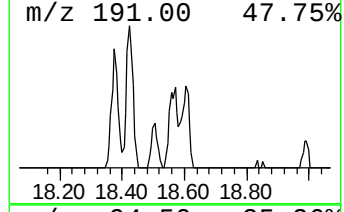
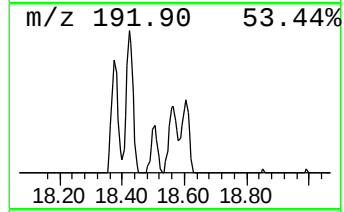
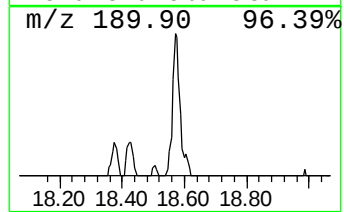
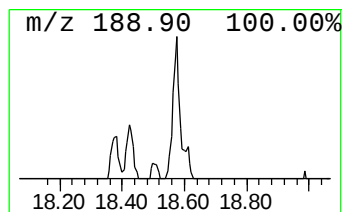
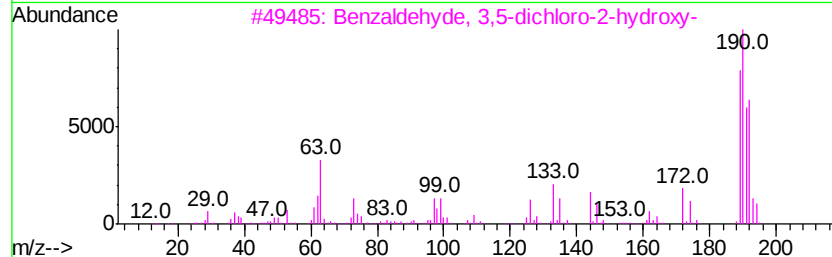
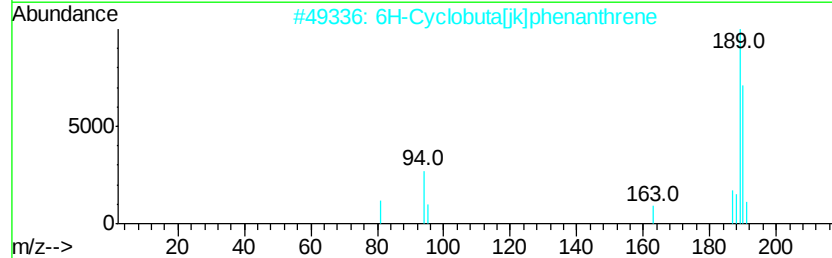
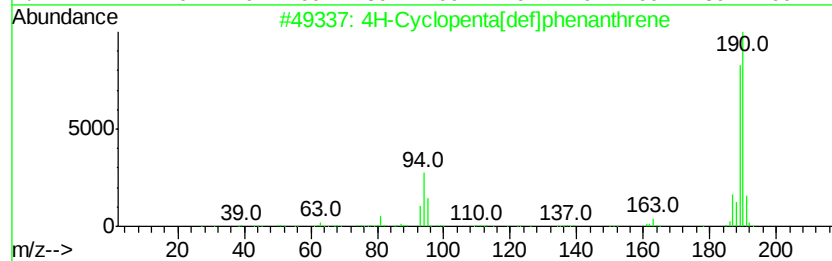
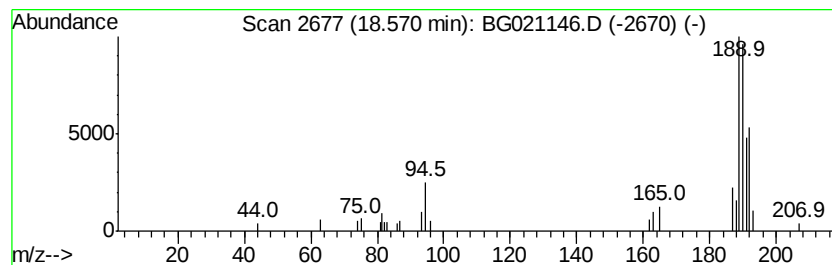
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	4.08 ng	33332	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	52
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	28
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	22



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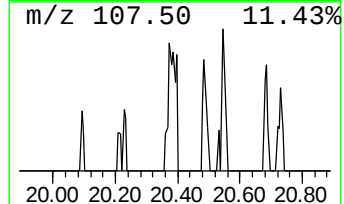
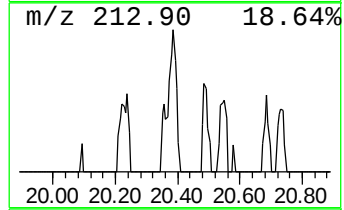
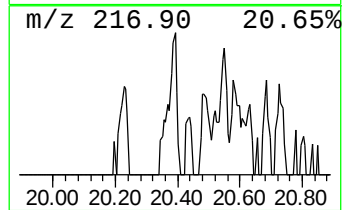
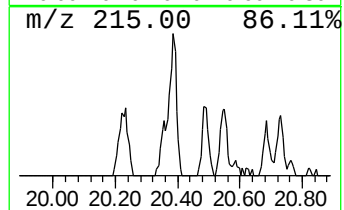
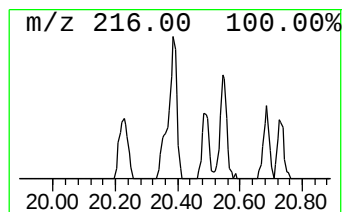
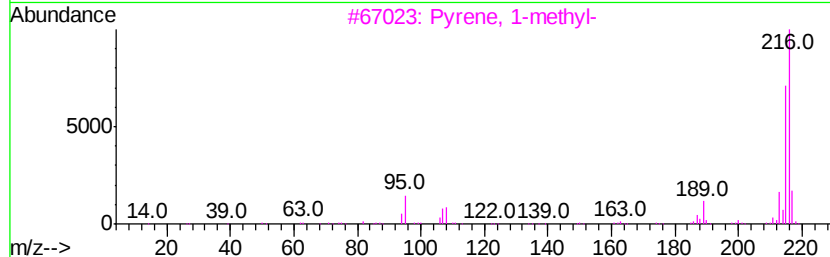
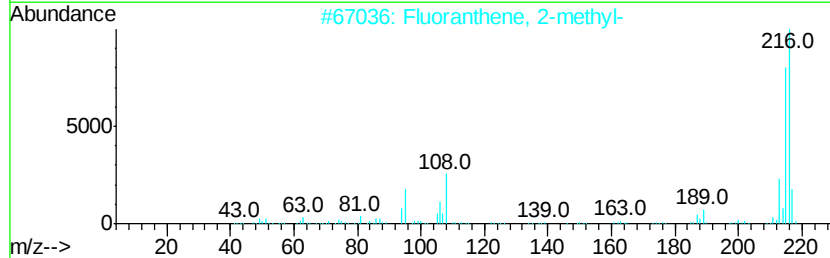
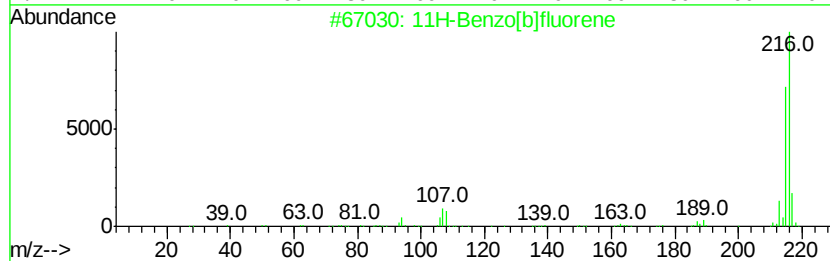
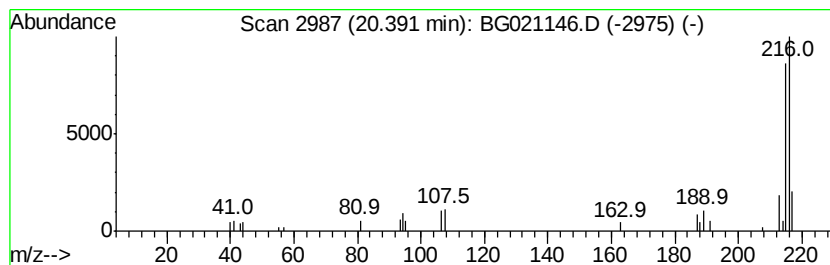
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.39	2.07 ng	30104	Chrysene-d12	21.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	87
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81



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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 2-m...	18.38	2.3	ng	19116	4	17.51	163338	20.0
4H-Cyclopenta[def...	18.57	4.1	ng	33332	4	17.51	163338	20.0
11H-Benzo[b]fluorene	20.39	2.1	ng	30104	5	21.77	290327	20.0