

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
 Data File : BG064613.D
 Acq On : 28 Oct 2025 22:39
 Operator : RC/JU
 Sample : Q3460-13 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-4

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:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064613.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.203	12	19	28	rBV3	15303	38875	3.38%	0.414%
2	3.285	28	33	43	rVB	109022	188043	16.34%	2.002%
3	3.820	120	124	133	rVB	13497	21174	1.84%	0.225%
4	4.337	205	212	219	rVB2	12970	21326	1.85%	0.227%
5	5.741	445	451	459	rVB	119541	196033	17.04%	2.087%
6	7.345	716	724	732	rBV	115946	199204	17.31%	2.121%
7	8.215	865	872	880	rVB	154787	266803	23.19%	2.840%
8	9.378	1061	1070	1078	rVB	65159	115961	10.08%	1.234%
9	11.041	1346	1353	1361	rBV	203399	362063	31.47%	3.854%
10	13.468	1760	1766	1772	rBV	177657	271645	23.61%	2.892%
11	14.837	1993	1999	2006	rBV	326799	505870	43.97%	5.385%
12	16.176	2221	2227	2233	rVB	19926	30508	2.65%	0.325%
13	16.311	2243	2250	2257	rBV3	129038	197147	17.14%	2.099%
14	17.575	2458	2465	2469	rBV	415512	620567	53.94%	6.606%
15	17.616	2469	2472	2479	rVB	101207	143486	12.47%	1.527%
16	17.704	2483	2487	2492	rVB	23735	35712	3.10%	0.380%
17	17.962	2522	2531	2535	rBV5	5486	12146	1.06%	0.129%
18	18.450	2608	2614	2618	rBV	49782	78121	6.79%	0.832%
19	18.491	2618	2621	2630	rVV	39407	62113	5.40%	0.661%
20	18.573	2630	2635	2640	rVV2	16501	26373	2.29%	0.281%
21	18.638	2640	2646	2650	rVV2	43667	91749	7.97%	0.977%
22	18.673	2650	2652	2657	rVB2	24774	32969	2.87%	0.351%
23	18.938	2692	2697	2700	rBV2	21590	32096	2.79%	0.342%
24	18.967	2700	2702	2709	rVB6	8859	13141	1.14%	0.140%
25	19.179	2735	2738	2744	rVB5	11365	16113	1.40%	0.172%
26	19.231	2744	2747	2750	rBV3	10832	14517	1.26%	0.155%
27	19.349	2762	2767	2772	rBV	35132	57861	5.03%	0.616%
28	19.408	2772	2777	2778	rBV3	11946	18656	1.62%	0.199%
29	19.490	2786	2791	2798	rBV4	18189	35199	3.06%	0.375%
30	19.607	2806	2811	2817	rBV	302318	444427	38.63%	4.731%
31	19.666	2817	2821	2825	rBV6	11303	16565	1.44%	0.176%
32	19.707	2825	2828	2834	rVB5	19042	23600	2.05%	0.251%
33	19.854	2848	2853	2862	rVB5	13449	28270	2.46%	0.301%
34	19.972	2868	2873	2880	rVB	294464	466262	40.53%	4.963%
35	20.042	2881	2885	2890	rVB4	18528	28115	2.44%	0.299%
36	20.160	2899	2905	2910	rBV	339372	455917	39.63%	4.853%

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37	20.201	2910	2912	2917	rVB4	14305	19604	1.70%	0.209%
38	20.283	2921	2926	2928	rBV4	31381	50284	4.37%	0.535%
39	20.430	2945	2951	2952	rBV6	21909	35723	3.10%	0.380%
40	20.454	2952	2955	2961	rVB	65940	96547	8.39%	1.028%
41	20.559	2968	2973	2976	rBV	41809	56441	4.91%	0.601%
42	20.618	2977	2983	2986	rVV2	40984	71202	6.19%	0.758%
43	20.647	2986	2988	2993	rVB4	13239	17010	1.48%	0.181%
44	20.689	2993	2995	3000	rVB6	9798	15850	1.38%	0.169%
45	20.753	3002	3006	3010	rBV	29726	47813	4.16%	0.509%
46	20.800	3010	3014	3018	rVB2	31144	39390	3.42%	0.419%
47	21.047	3054	3056	3061	rBV5	9839	12033	1.05%	0.128%
48	21.194	3077	3081	3082	rBV4	8764	12828	1.11%	0.137%
49	21.223	3082	3086	3093	rVB	25901	51343	4.46%	0.547%
50	21.411	3111	3118	3123	rBV2	34711	81455	7.08%	0.867%
51	21.464	3123	3127	3130	rVV2	35044	61248	5.32%	0.652%
52	21.505	3132	3134	3139	rVV2	27451	52296	4.55%	0.557%
53	21.564	3140	3144	3148	rVB2	20481	38747	3.37%	0.412%
54	21.846	3183	3192	3197	rBV2	513337	1150528	100.00%	12.247%
55	21.893	3197	3200	3210	rVB	146529	256535	22.30%	2.731%
56	22.058	3224	3228	3234	rBV3	25766	43659	3.79%	0.465%
57	22.263	3259	3263	3269	rVB4	16193	28189	2.45%	0.300%
58	22.522	3303	3307	3311	rBV4	14639	27279	2.37%	0.290%
59	22.680	3329	3334	3340	rVB5	24724	52063	4.53%	0.554%
60	22.880	3365	3368	3372	rBV5	14587	21870	1.90%	0.233%
61	24.126	3572	3580	3587	rBV2	103679	335841	29.19%	3.575%
62	24.396	3622	3626	3631	rVB3	18346	37033	3.22%	0.394%
63	24.872	3701	3707	3721	rVB2	63241	203512	17.69%	2.166%
64	25.025	3724	3733	3745	rVV	93634	274173	23.83%	2.919%
65	25.189	3750	3761	3771	rBV2	279615	896892	77.95%	9.547%
66	29.008	4401	4411	4423	rBV3	32954	138175	12.01%	1.471%

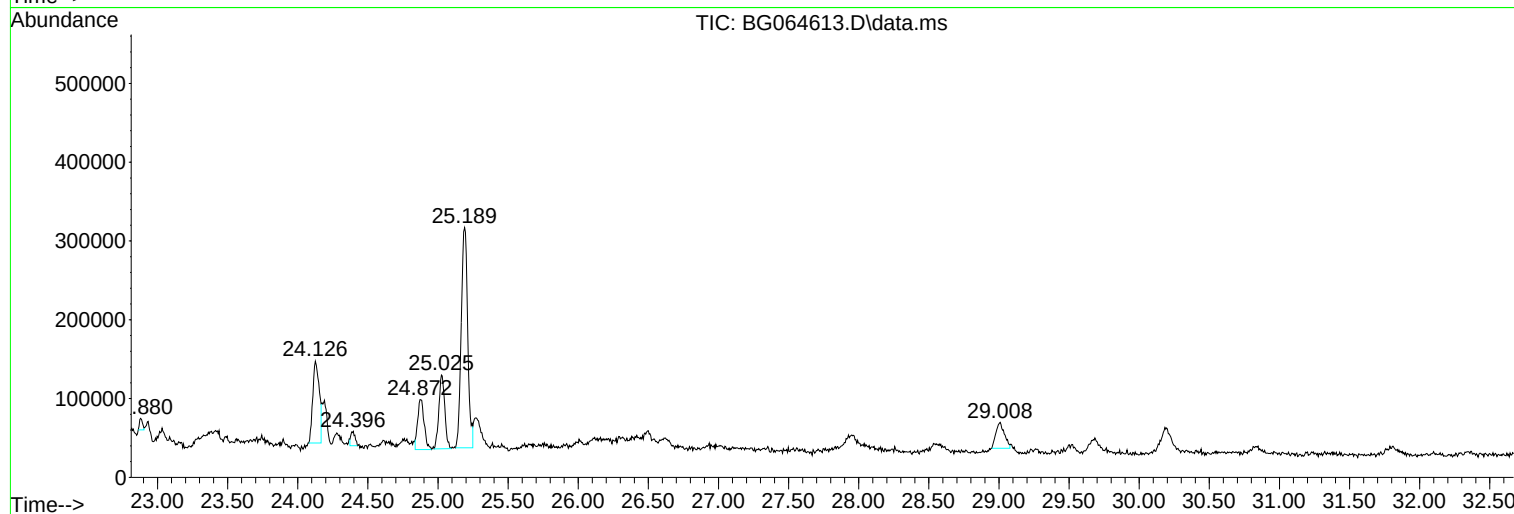
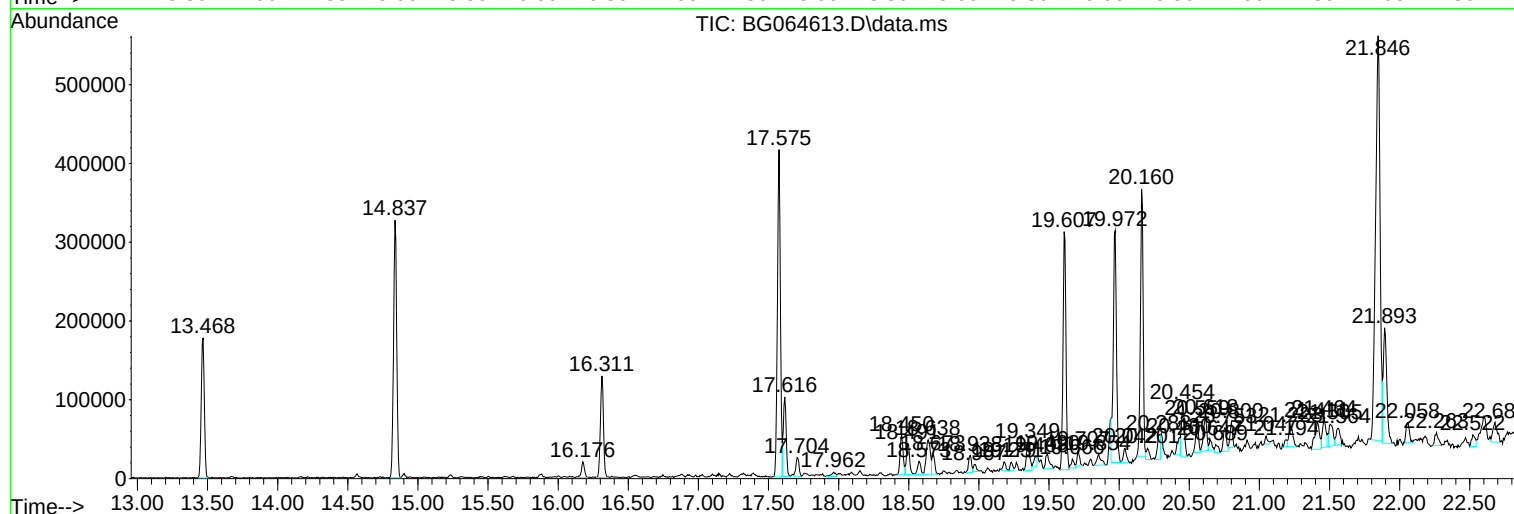
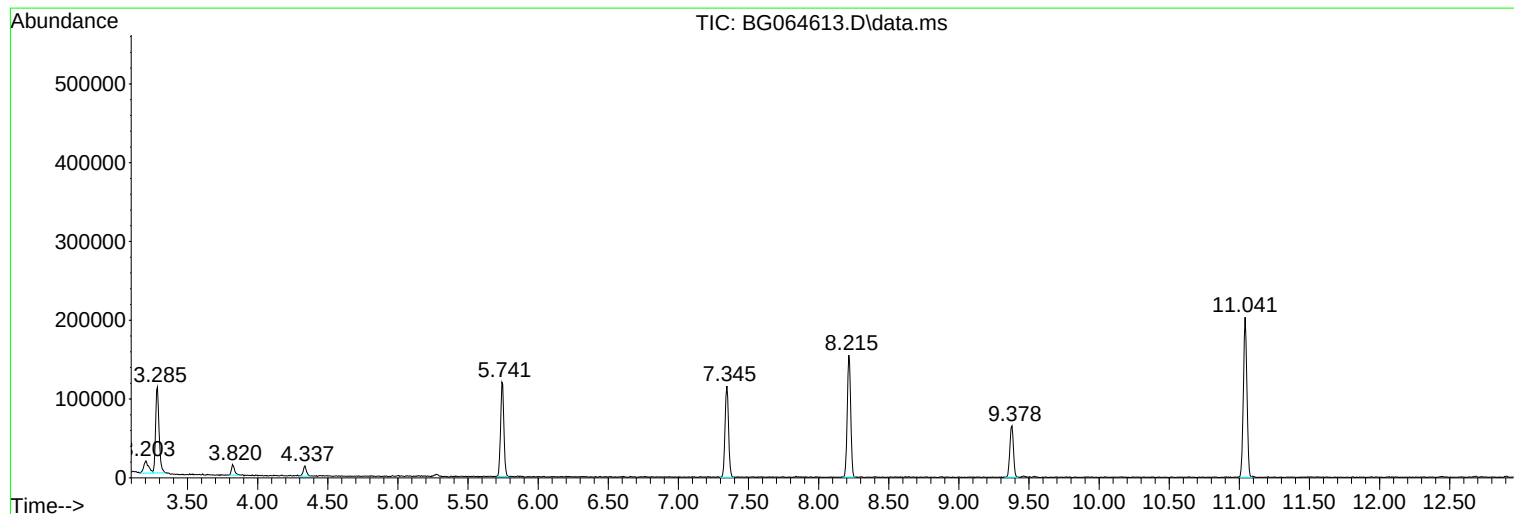
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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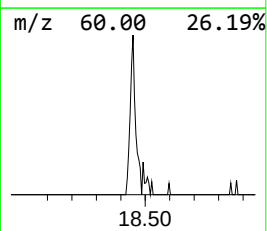
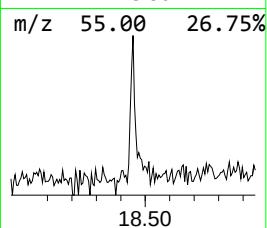
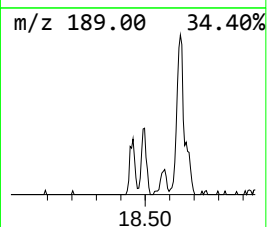
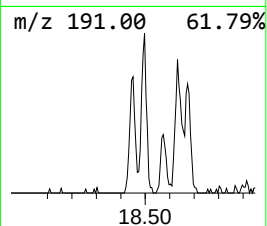
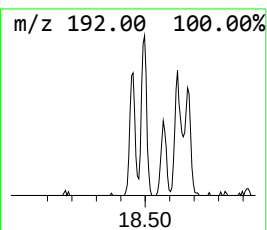
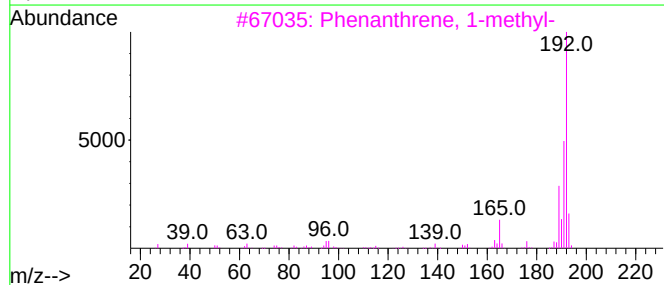
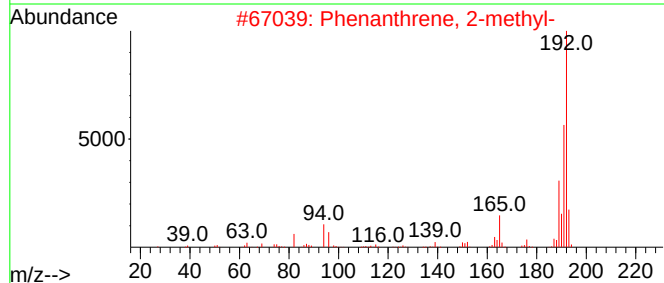
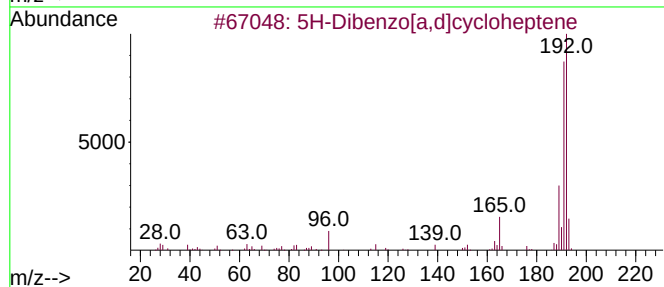
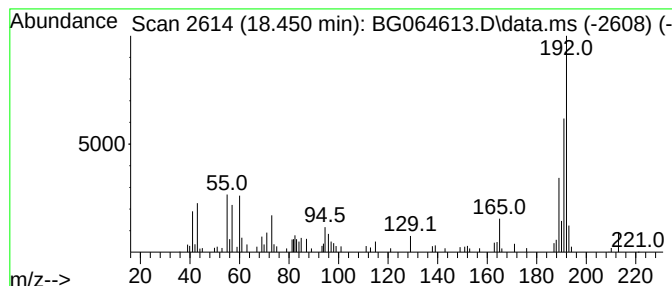
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 5H-Dibenzo[a,d]cycloheptene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.450	2.52 ng	78121	Phenanthrene-d10	17.575

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	92
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
4			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	70
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	70



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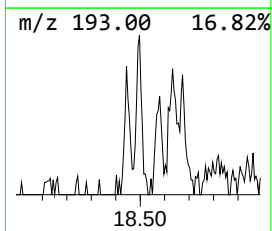
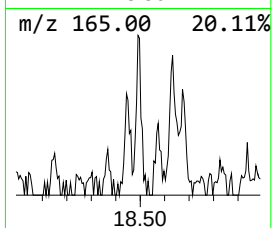
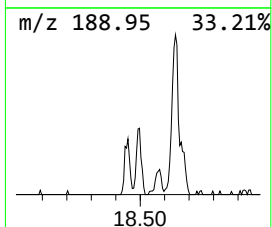
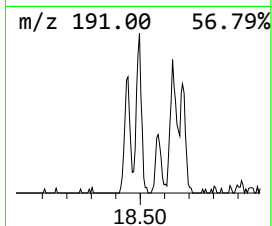
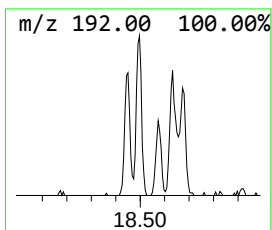
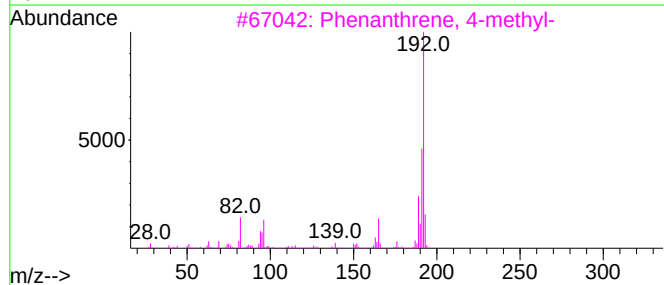
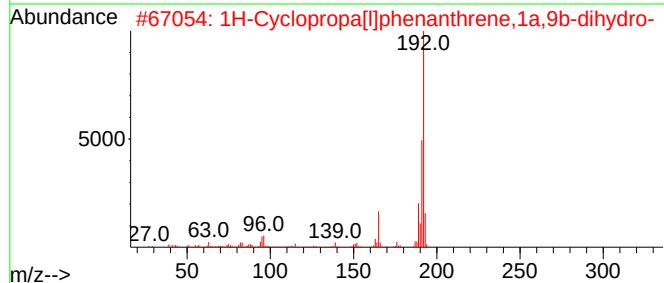
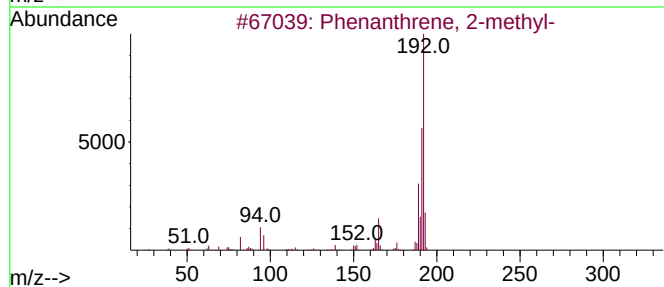
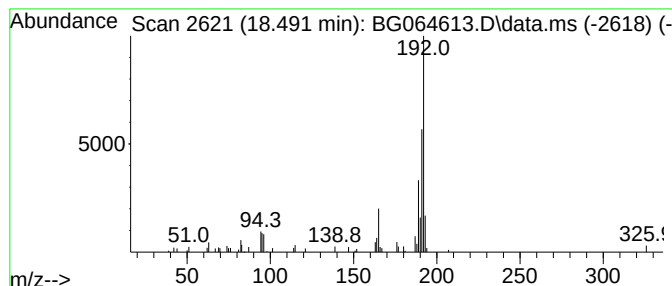
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.491	2.00 ng	62113	Phenanthrene-d10	17.575

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	81



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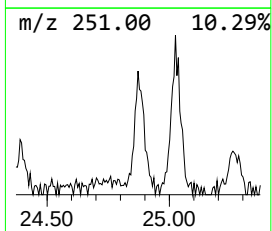
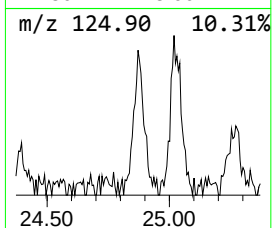
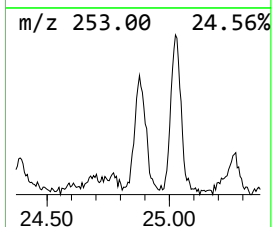
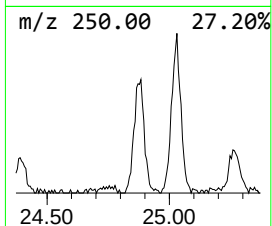
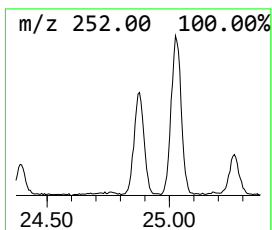
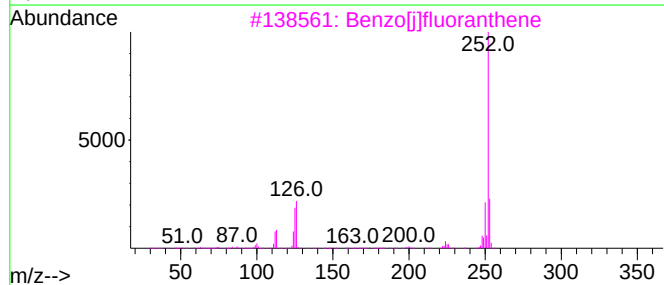
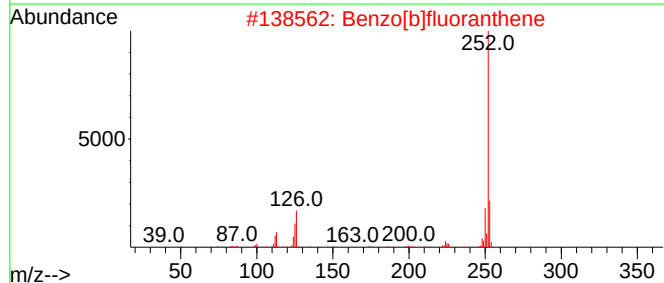
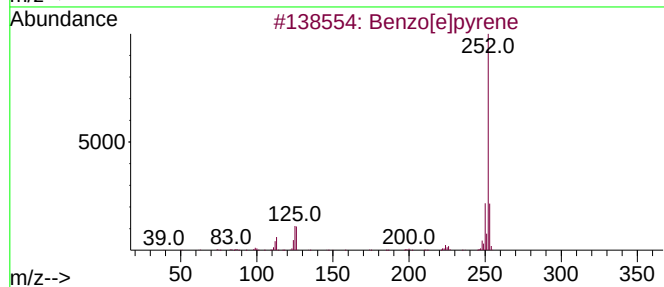
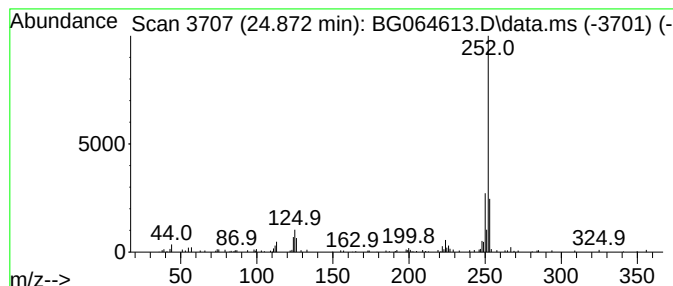
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Peak Number 6 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.872	4.54 ng	203512	Perylene-d12	25.189

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	91
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
3			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5			Benzo[a]pyrene	252	C20H12	000050-32-8	81



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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
5H-Dibenzo[a,d]...	18.450	2.5	ng	78121	4	17.575	620567	20.0
Phenanthrene, 2...	18.491	2.0	ng	62113	4	17.575	620567	20.0
Benzo[e]pyrene	24.872	4.5	ng	203512	6	25.189	896892	20.0