

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
 Data File : BP002504.D
 Acq On : 23 Jun 2020 15:50
 Operator : CG/JU
 Sample : L3082-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-13

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:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.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	5.205	388	394	413	rBV	932534	1396218	17.12%	2.550%
2	6.775	653	661	682	rBV	1818953	2920194	35.80%	5.334%
3	7.587	791	799	809	rBV	654496	1047883	12.85%	1.914%
4	7.905	845	853	872	rBV	2177686	3508065	43.01%	6.407%
5	8.728	985	993	1009	rBV	1620832	2701158	33.12%	4.933%
6	10.357	1262	1270	1287	rBV	800640	1403411	17.21%	2.563%
7	12.851	1686	1694	1714	rBV	3649496	5807034	71.20%	10.606%
8	13.693	1829	1837	1846	rBV	247910	394711	4.84%	0.721%
9	13.951	1871	1881	1894	rBV	89147	159685	1.96%	0.292%
10	14.234	1922	1929	1936	rBV	1149759	1722653	21.12%	3.146%
11	14.293	1936	1939	1952	rVB	59649	101869	1.25%	0.186%
12	15.734	2172	2184	2198	rBV	672261	1124553	13.79%	2.054%
13	16.992	2392	2398	2402	rBV	1430632	2107592	25.84%	3.849%
14	17.034	2402	2405	2412	rVV	631311	868933	10.65%	1.587%
15	17.122	2416	2420	2427	rVB	133901	195921	2.40%	0.358%
16	17.398	2460	2467	2473	rBV	66337	112220	1.38%	0.205%
17	17.916	2551	2555	2563	rVB	120219	161850	1.98%	0.296%
18	18.057	2574	2579	2583	rVV2	140232	237583	2.91%	0.434%
19	18.392	2633	2636	2643	rVB	62914	87308	1.07%	0.159%
20	18.898	2718	2722	2731	rBV3	48669	88228	1.08%	0.161%
21	19.016	2737	2742	2749	rBV	1419459	1822893	22.35%	3.329%
22	19.163	2764	2767	2771	rBV	55309	81864	1.00%	0.150%
23	19.369	2794	2802	2811	rVB	1273956	1958348	24.01%	3.577%
24	19.581	2833	2838	2850	rVB	6191171	8155950	100.00%	14.896%
25	19.698	2852	2858	2863	rBV2	87903	186780	2.29%	0.341%
26	19.833	2876	2881	2882	rBV2	77470	126879	1.56%	0.232%
27	19.857	2883	2885	2890	rVB	179095	209401	2.57%	0.382%
28	19.957	2898	2902	2906	rBV	115280	137286	1.68%	0.251%
29	20.010	2907	2911	2915	rVB2	125895	174281	2.14%	0.318%
30	20.151	2931	2935	2938	rBV	96195	119387	1.46%	0.218%
31	20.192	2939	2942	2947	rVB	77344	105874	1.30%	0.193%
32	20.592	3006	3010	3016	rVB	99796	152758	1.87%	0.279%
33	20.792	3041	3044	3046	rBV	96435	99981	1.23%	0.183%
34	20.845	3046	3053	3057	rBV2	323873	599354	7.35%	1.095%

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35	21.098	3089	3096	3100	rBV2	2248168	3908911	47.93%	7.139%
36	21.133	3100	3102	3113	rVB	760231	910701	11.17%	1.663%
37	21.251	3118	3122	3124	rBV	112454	138683	1.70%	0.253%
38	21.404	3144	3148	3153	rBV2	113088	184409	2.26%	0.337%
39	22.645	3353	3359	3363	rBV	939092	2033630	24.93%	3.714%
40	22.810	3383	3387	3393	rVB	177899	277036	3.40%	0.506%
41	23.110	3433	3438	3446	rVB	608351	1116124	13.68%	2.039%
42	23.204	3448	3454	3463	rBV	767886	1498564	18.37%	2.737%
43	23.298	3464	3470	3475	rBV	1384939	2492727	30.56%	4.553%
44	25.510	3839	3846	3858	rVB	432463	1209726	14.83%	2.209%
45	26.180	3954	3960	3972	rVB	325811	902779	11.07%	1.649%

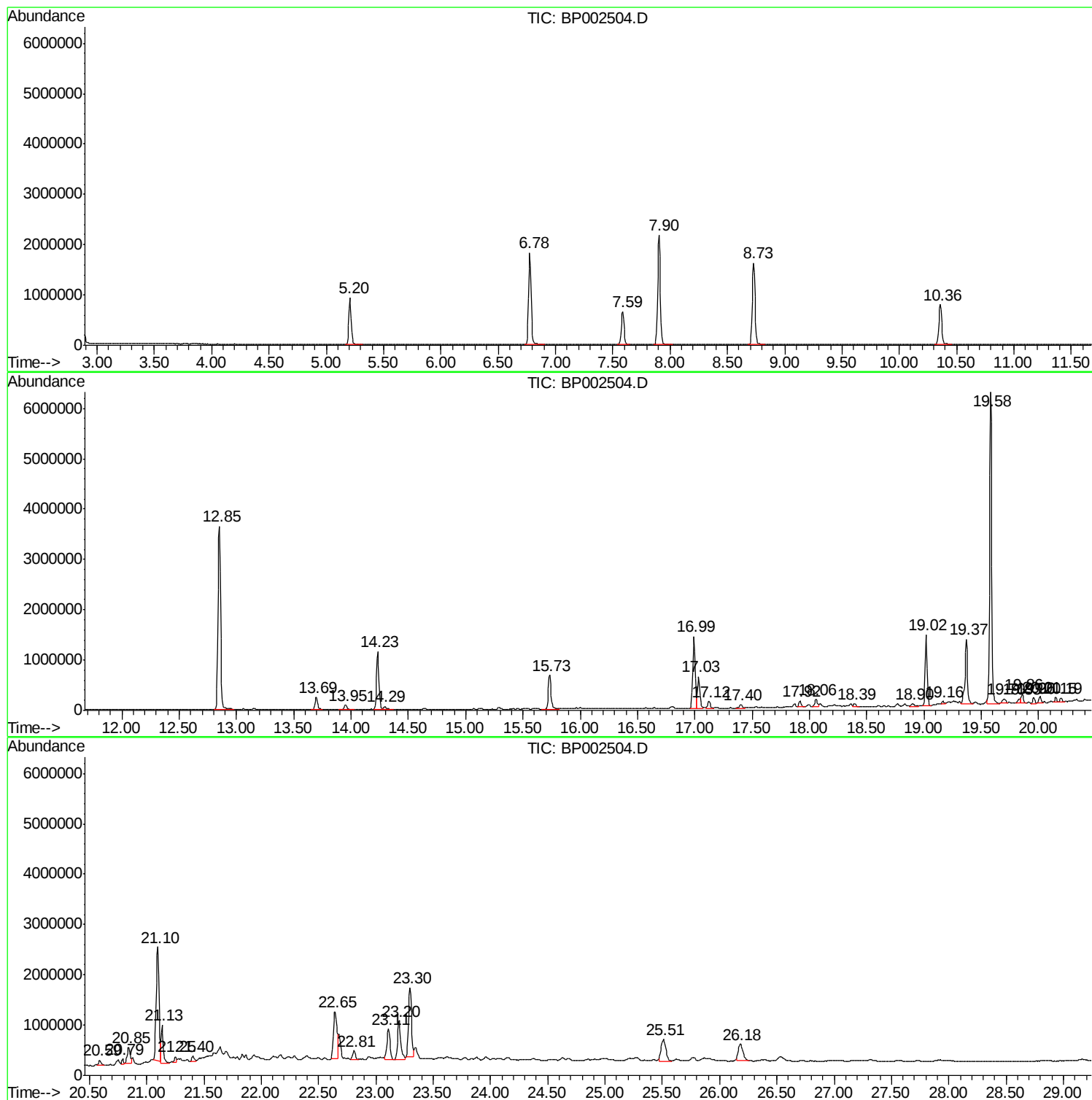
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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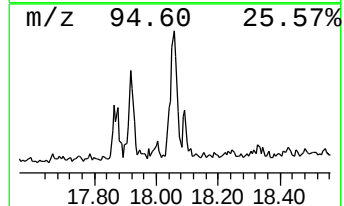
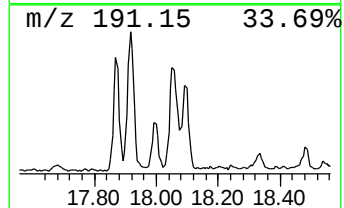
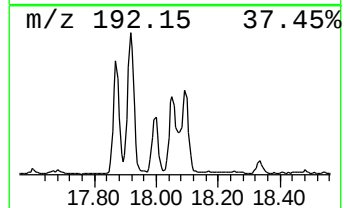
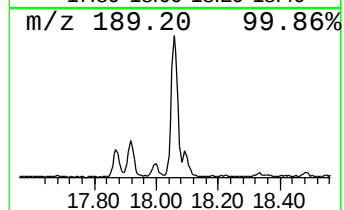
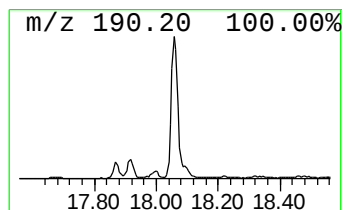
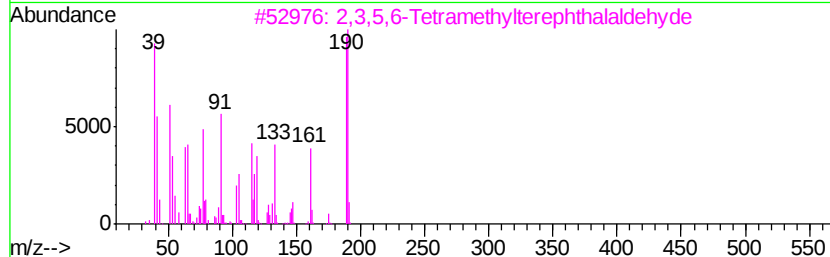
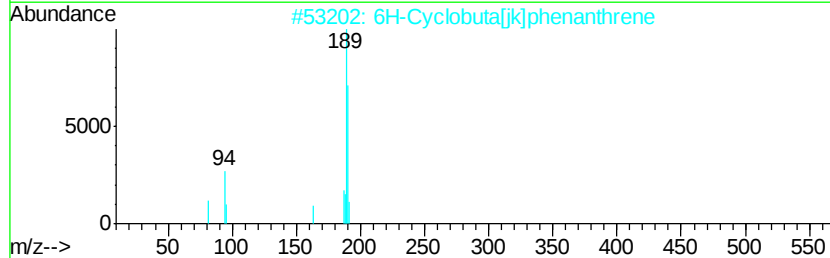
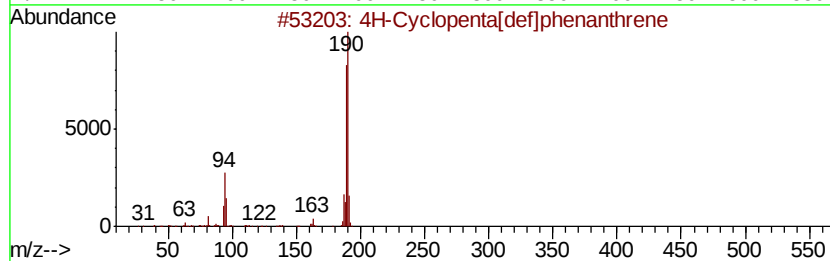
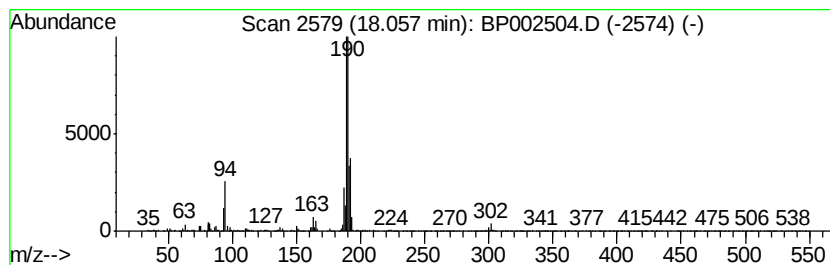
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	2.25 ng	237583	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	50
3		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4		Methyl diselenide	190	C2H6Se2	007101-31-7	46
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40



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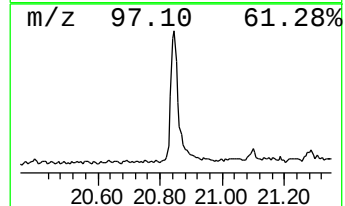
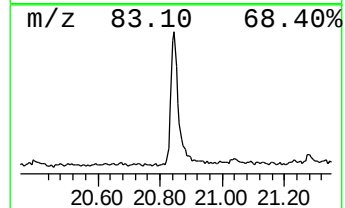
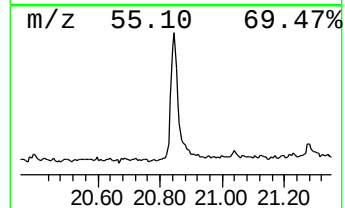
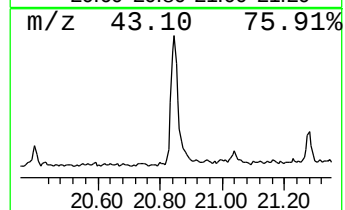
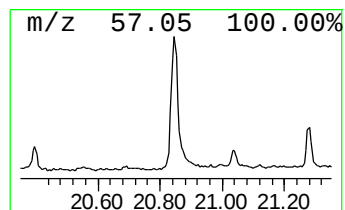
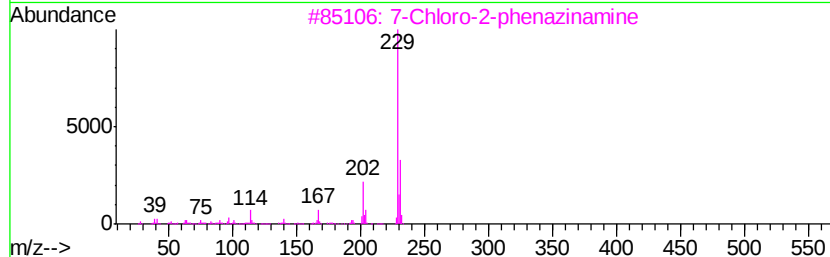
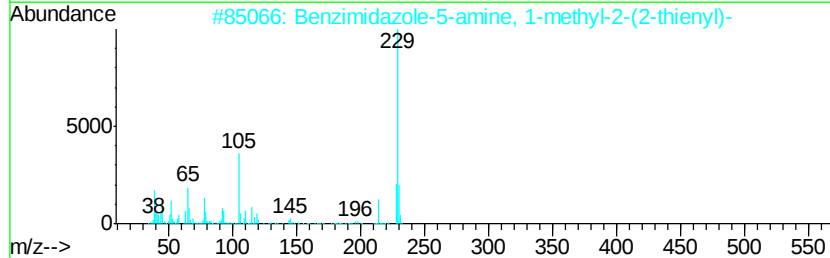
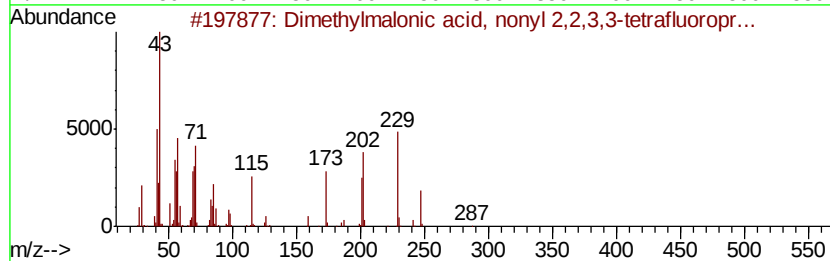
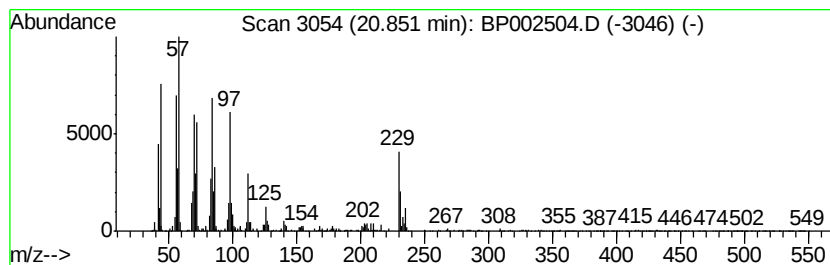
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Peak Number 3 unknown20.85 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	3.07 ng	599354	Chrysene-d12	21.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethylmalonic acid, nonyl 2,2,...	372	C17H28F4O4	1000361-92-0	32
2		Benzimidazole-5-amine, 1-methyl-...	229	C12H11N3S	021444-73-5	14
3		7-Chloro-2-phenazinamine	229	C12H8ClN3	023677-11-4	14
4		Benz[<i>a</i>]anthracene, 7,12-dihydro-	230	C18H14	016434-59-6	12
5		Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	12



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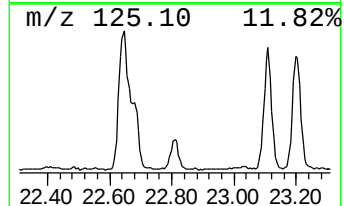
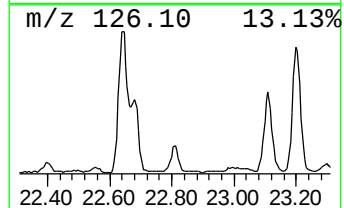
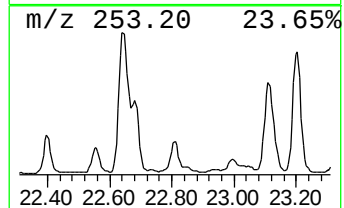
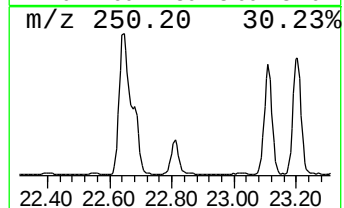
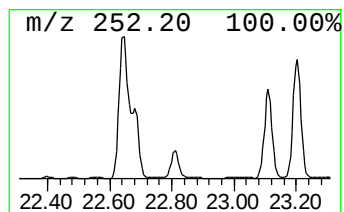
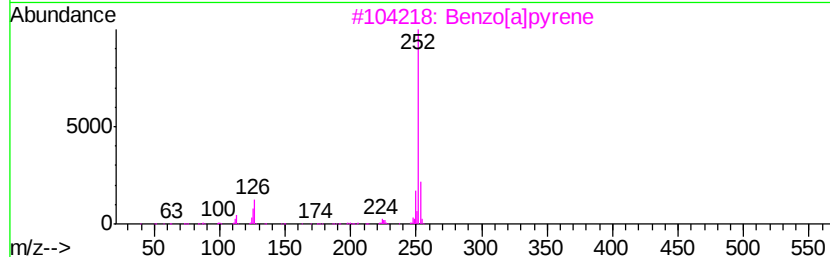
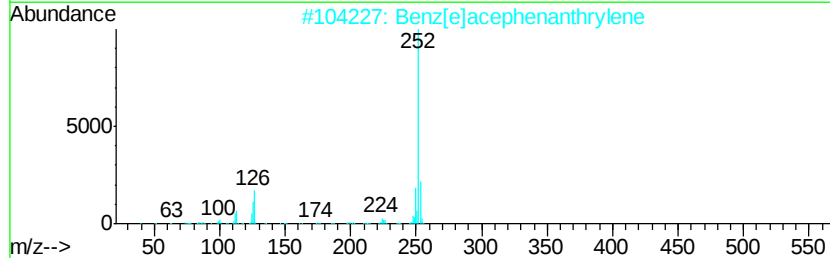
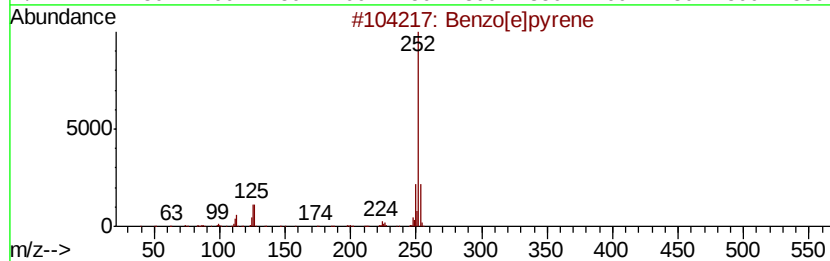
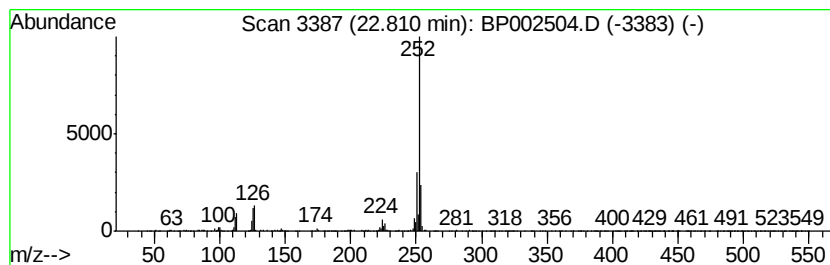
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.81	2.22 ng	277036	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
4H-Cyclopenta[def...	18.06	2.3	ng	237583	4	16.99	2107590	20.0
unknown20.85	20.85	3.1	ng	599354	5	21.10	3908910	20.0
Benzo[e]pyrene	22.81	2.2	ng	277036	6	23.30	2492730	20.0