

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
 Data File : BF129486.D
 Acq On : 01 Aug 2022 22:03
 Operator : CG\JU
 Sample : N3970-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MHB-LOWER

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_F\Methods\8270-BF072522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129486.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.116	477	481	491	rVB	62411	82383	2.07%	0.269%
2	5.516	545	549	552	rBV	4231013	3772767	94.64%	12.332%
3	6.522	715	720	723	rBV	3984492	3703561	92.90%	12.105%
4	6.875	776	780	783	rBV	1316777	1015646	25.48%	3.320%
5	7.439	871	876	879	rBV	2806906	2406340	60.36%	7.865%
6	8.157	994	998	1001	rBV	1565329	1293122	32.44%	4.227%
7	9.234	1176	1181	1184	rBV	4272116	3986465	100.00%	13.030%
8	9.910	1293	1296	1300	rBV	1455940	1216601	30.52%	3.977%
9	9.945	1300	1302	1305	rVB	69058	52661	1.32%	0.172%
10	10.704	1427	1431	1435	rBV	1999579	1672300	41.95%	5.466%
11	10.810	1444	1449	1457	rVB	45822	58065	1.46%	0.190%
12	11.404	1546	1550	1552	rBV	1002103	964323	24.19%	3.152%
13	11.422	1552	1553	1557	rVV	573514	443921	11.14%	1.451%
14	11.475	1557	1562	1566	rVB	122017	127246	3.19%	0.416%
15	11.633	1582	1589	1595	rBV2	54857	65030	1.63%	0.213%
16	11.904	1629	1635	1637	rBV	63230	62334	1.56%	0.204%
17	11.933	1637	1640	1642	rVB	74962	69056	1.73%	0.226%
18	12.016	1651	1654	1656	rBV2	103607	100316	2.52%	0.328%
19	12.539	1740	1743	1748	rBV2	36237	44101	1.11%	0.144%
20	12.616	1752	1756	1760	rBV	879154	690337	17.32%	2.256%
21	12.845	1789	1795	1801	rBV	714260	731826	18.36%	2.392%
22	12.986	1811	1819	1822	rBV	2684363	2425449	60.84%	7.928%
23	13.057	1826	1831	1836	rBV3	44599	76729	1.92%	0.251%
24	13.145	1843	1846	1848	rBV2	37891	47343	1.19%	0.155%
25	13.174	1848	1851	1853	rVB	68042	66766	1.67%	0.218%
26	13.274	1865	1868	1871	rBV2	59397	69748	1.75%	0.228%
27	13.680	1934	1937	1941	rVB	75419	73227	1.84%	0.239%
28	13.792	1952	1956	1959	rBV2	71400	80665	2.02%	0.264%
29	13.886	1967	1972	1980	rVB2	196574	387733	9.73%	1.267%
30	14.045	1991	1999	2001	rBV2	1182594	1405874	35.27%	4.595%
31	14.068	2001	2003	2011	rVB	391995	336873	8.45%	1.101%
32	14.151	2011	2017	2021	rBV2	73426	115424	2.90%	0.377%
33	14.186	2021	2023	2030	rBV5	30350	52650	1.32%	0.172%
34	14.427	2060	2064	2067	rVB	77871	82512	2.07%	0.270%
35	14.463	2067	2070	2073	rBV	42831	42690	1.07%	0.140%
36	14.786	2123	2125	2129	rVB2	60725	63134	1.58%	0.206%

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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:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.092	2173	2177	2180	rBV	351474	519180	13.02%	1.697%
38	15.204	2192	2196	2199	rBV	63627	68094	1.71%	0.223%
39	15.398	2225	2229	2236	rVB	191945	236728	5.94%	0.774%
40	15.463	2236	2240	2246	rVB	303761	372897	9.35%	1.219%
41	15.527	2246	2251	2255	rBV	879524	1108131	27.80%	3.622%
42	17.021	2500	2505	2512	rBV2	114182	210809	5.29%	0.689%
43	17.480	2577	2583	2595	rVB	84280	193284	4.85%	0.632%

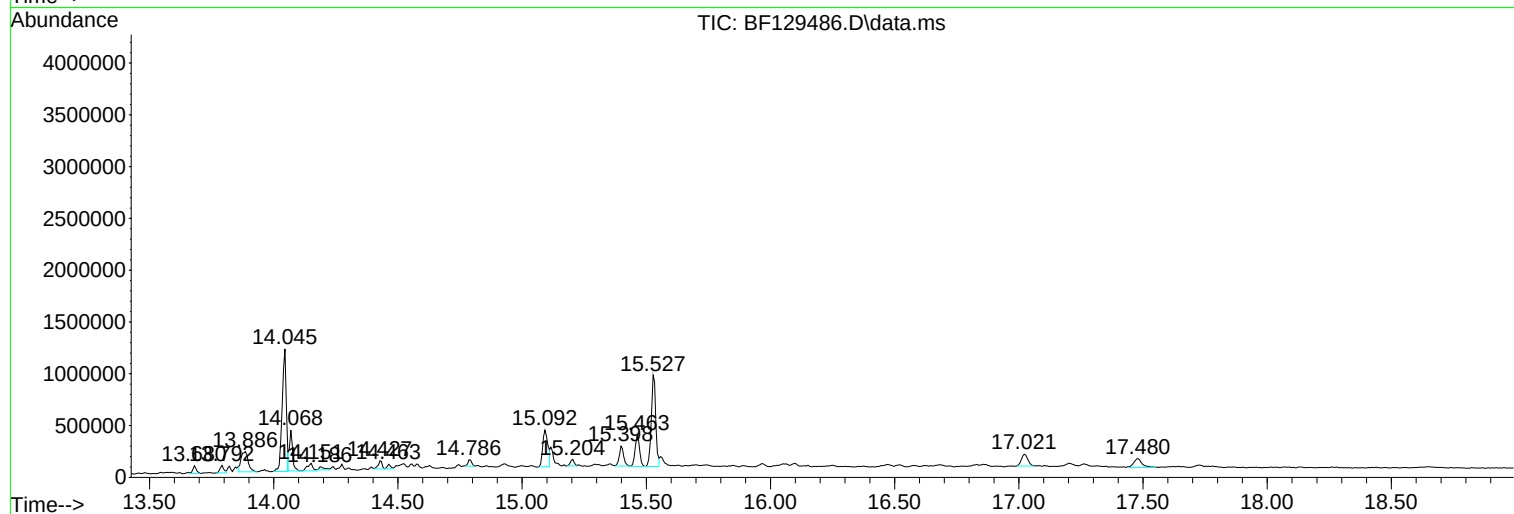
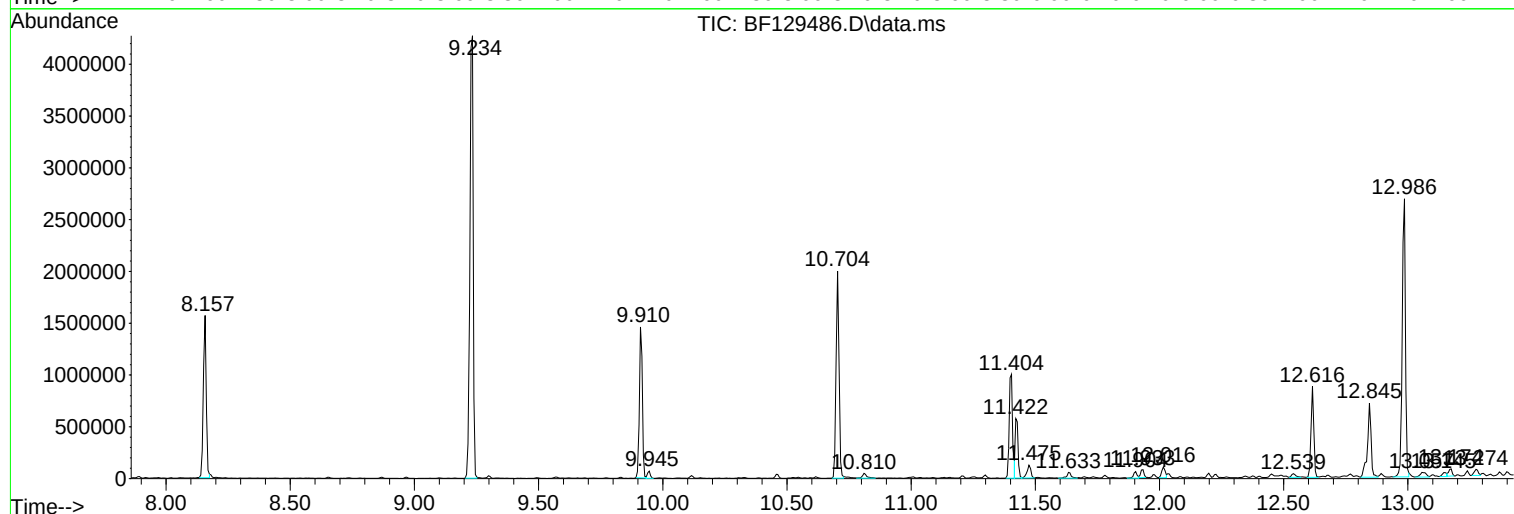
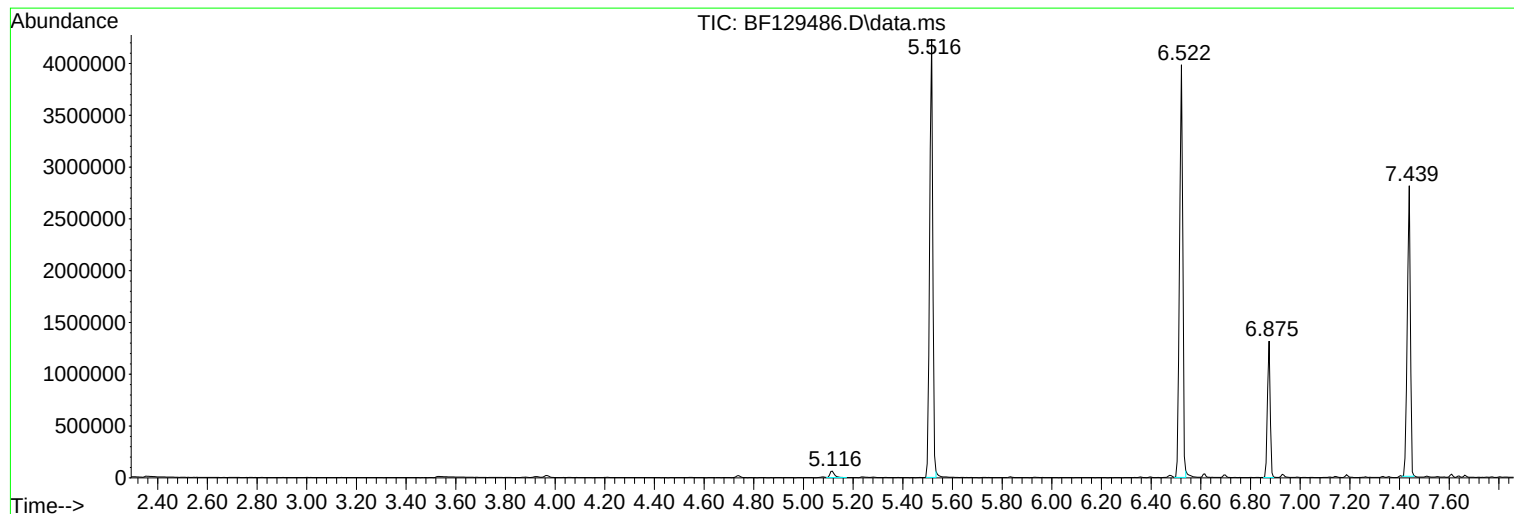
Sum of corrected areas: 30594341

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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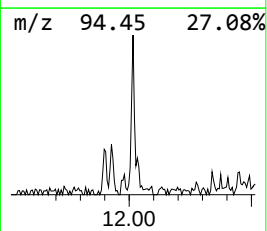
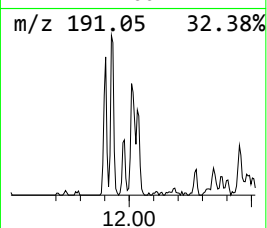
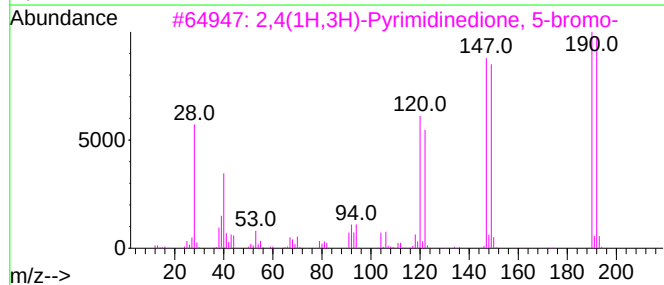
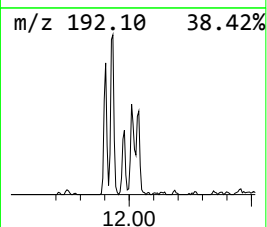
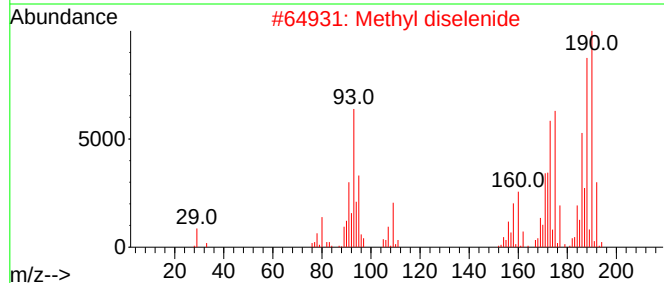
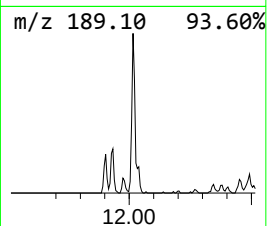
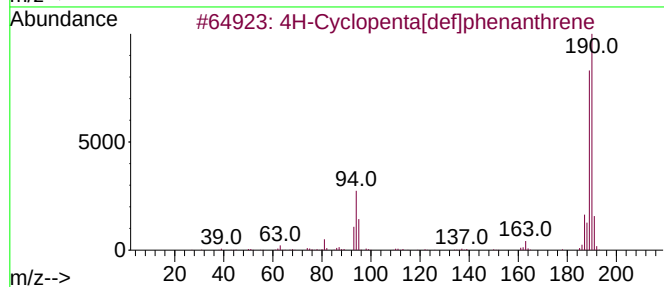
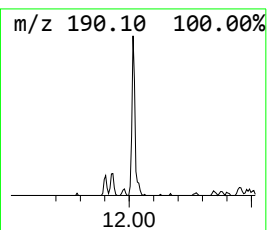
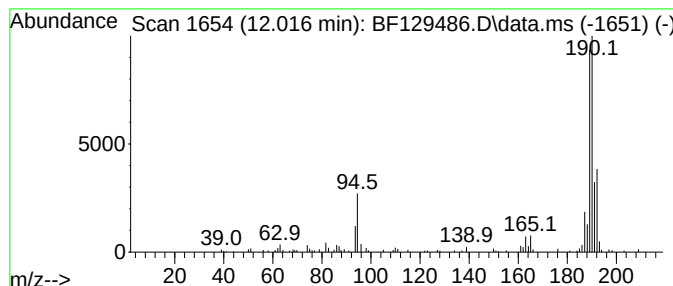
Instrument :
BNA_F
ClientSampleId :
MHB-LOWER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.016	2.08 ng	100316	Phenanthrene-d10	11.404	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Methyl diselenide	190	C2H6Se2	007101-31-7	43
3	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	32
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	28
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	28



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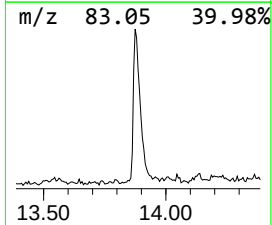
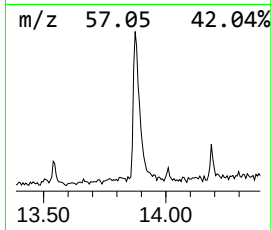
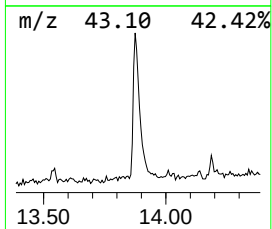
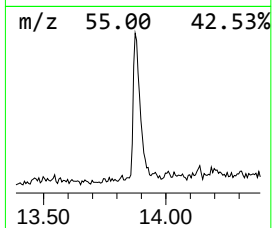
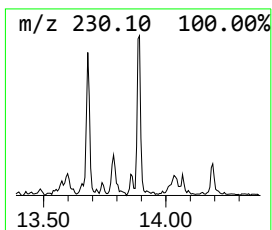
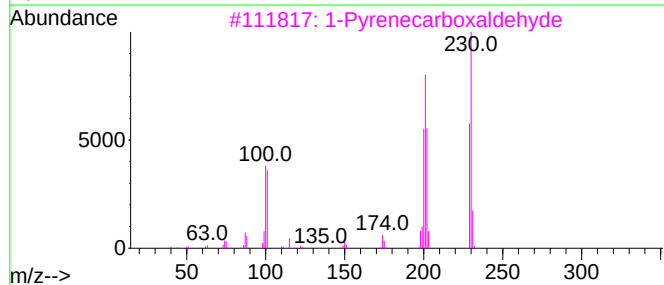
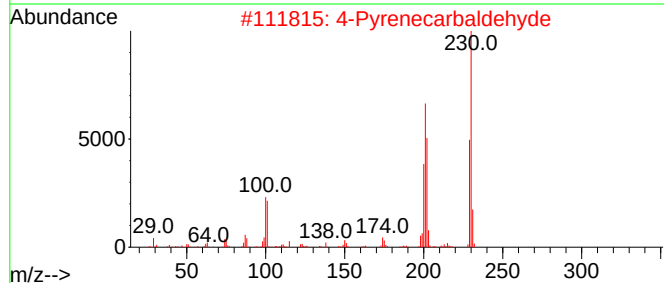
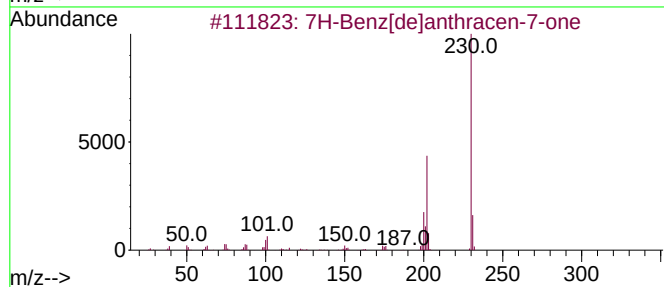
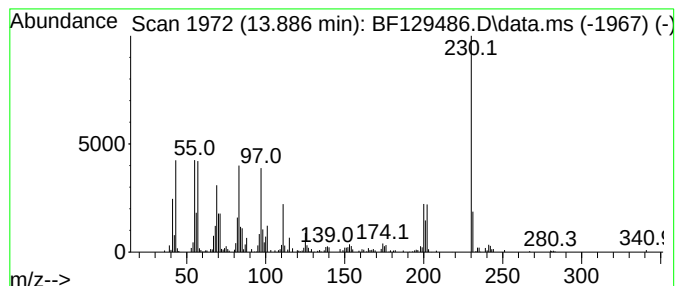
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 7H-Benz[de]anthracen-7-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	5.52 ng	387733	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	50
2			4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	38
3			1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	38
4			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	38
5			Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	35



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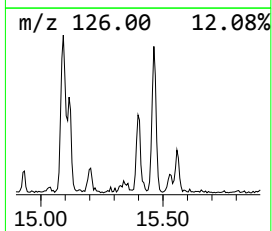
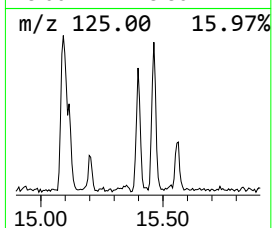
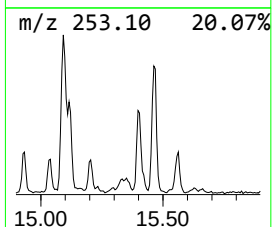
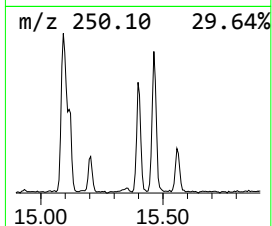
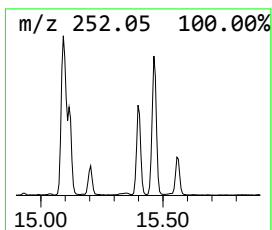
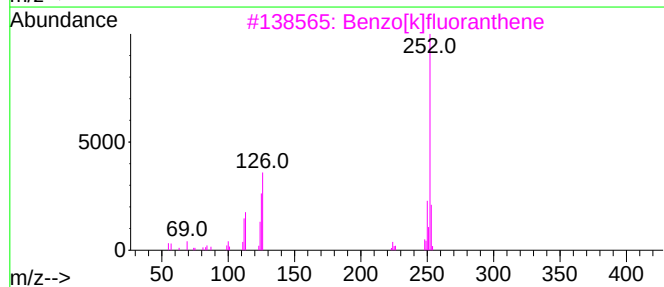
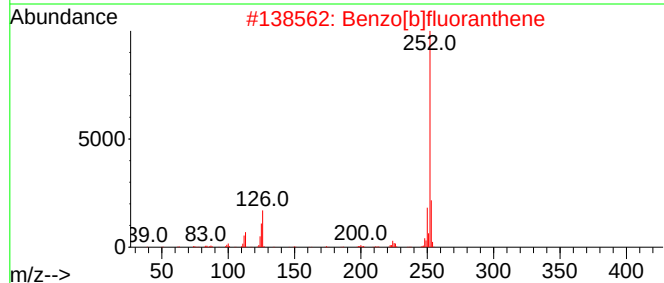
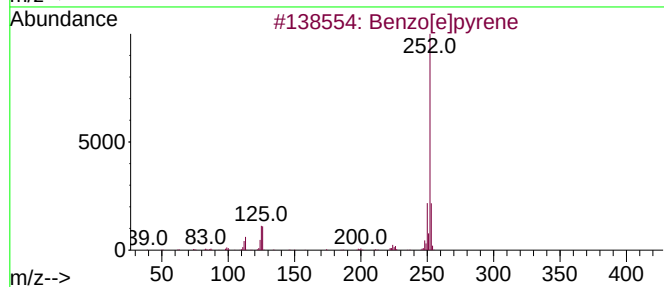
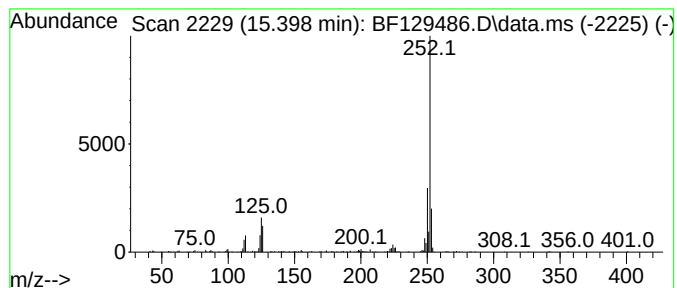
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.398	4.27 ng	236728	Perylene-d12	15.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4			Benzo[a]pyrene	252	C20H12	000050-32-8	95
5			Perylene	252	C20H12	000198-55-0	93



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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
4H-Cyclopenta[d...]	12.016	2.1	ng	100316	4	11.404	964323	20.0
7H-Benz[de]anth...	13.886	5.5	ng	387733	5	14.045	1405870	20.0
Benzo[e]pyrene	15.398	4.3	ng	236728	6	15.527	1108130	20.0