

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111425\
 Data File : BF144257.D
 Acq On : 14 Nov 2025 12:16
 Operator : RC/JU
 Sample : Q3601-05 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

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-BF110525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144257.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.481	554	559	581	rVB	287794	401077	68.34%	7.235%
2	6.492	726	731	749	rBV	287354	411604	70.14%	7.425%
3	6.863	790	794	802	rBV	209129	261357	44.53%	4.715%
4	7.428	884	890	902	rBV	184086	256389	43.69%	4.625%
5	8.145	1005	1012	1019	rBV	216718	289990	49.41%	5.231%
6	8.863	1130	1134	1140	rVB	4760	6504	1.11%	0.117%
7	9.222	1190	1195	1204	rBV	348667	431357	73.50%	7.781%
8	9.298	1204	1208	1217	rVB3	3868	7064	1.20%	0.127%
9	9.763	1283	1287	1293	rBV	6610	9332	1.59%	0.168%
10	9.904	1306	1311	1315	rVV	216366	269263	45.88%	4.857%
11	9.933	1315	1316	1321	rVB2	6289	6161	1.05%	0.111%
12	10.328	1375	1383	1386	rBV3	3697	7633	1.30%	0.138%
13	10.616	1427	1432	1438	rBV	31070	39395	6.71%	0.711%
14	10.692	1440	1445	1459	rBV	148902	196305	33.45%	3.541%
15	10.810	1459	1465	1470	rBV6	6190	11179	1.90%	0.202%
16	11.251	1535	1540	1543	rVV4	4772	7047	1.20%	0.127%
17	11.286	1543	1546	1552	rVB2	5034	7572	1.29%	0.137%
18	11.392	1559	1564	1573	rBV2	198010	317014	54.02%	5.719%
19	11.469	1573	1577	1582	rVV	14003	17723	3.02%	0.320%
20	11.627	1599	1604	1610	rBV2	5995	10883	1.85%	0.196%
21	11.922	1646	1654	1660	rVV3	36916	76083	12.96%	1.372%
22	11.974	1660	1663	1666	rVV2	6993	11872	2.02%	0.214%
23	12.010	1666	1669	1678	rVB	20818	40316	6.87%	0.727%
24	12.086	1678	1682	1685	rBV5	4069	6757	1.15%	0.122%
25	12.192	1696	1700	1703	rBV	8919	12729	2.17%	0.230%
26	12.222	1703	1705	1710	rVB3	6744	8096	1.38%	0.146%
27	12.445	1739	1743	1746	rBV	12332	15745	2.68%	0.284%
28	12.480	1746	1749	1755	rVB6	7687	12406	2.11%	0.224%
29	12.539	1755	1759	1764	rVB4	7351	10646	1.81%	0.192%
30	12.610	1766	1771	1776	rVB	154847	192572	32.81%	3.474%
31	12.704	1784	1787	1791	rBV4	7542	7812	1.33%	0.141%
32	12.769	1795	1798	1803	rVB2	4462	5896	1.00%	0.106%
33	12.839	1803	1810	1816	rBV	147588	220508	37.57%	3.978%
34	12.980	1827	1834	1842	rBV	303398	415938	70.87%	7.503%
35	13.057	1843	1847	1854	rVV3	11641	21917	3.73%	0.395%
36	13.169	1859	1866	1870	rVB	24099	41277	7.03%	0.745%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.233	1874	1877	1880	rBV	15041	19397	3.31%	0.350%
38	13.274	1881	1884	1887	rVB2	16407	20886	3.56%	0.377%
39	13.369	1897	1900	1902	rBV	10391	13422	2.29%	0.242%
40	13.792	1969	1972	1974	rBV2	15552	19618	3.34%	0.354%
41	14.039	2007	2014	2026	rVB2	289295	586864	100.00%	10.587%
42	15.092	2188	2193	2200	rBV	104653	229691	39.14%	4.143%
43	15.398	2241	2245	2250	rVB	51653	80220	13.67%	1.447%
44	15.457	2251	2255	2261	rVV	72445	114926	19.58%	2.073%
45	15.521	2261	2266	2282	rVB	159797	331769	56.53%	5.985%
46	17.015	2516	2520	2527	rVB2	32274	61259	10.44%	1.105%

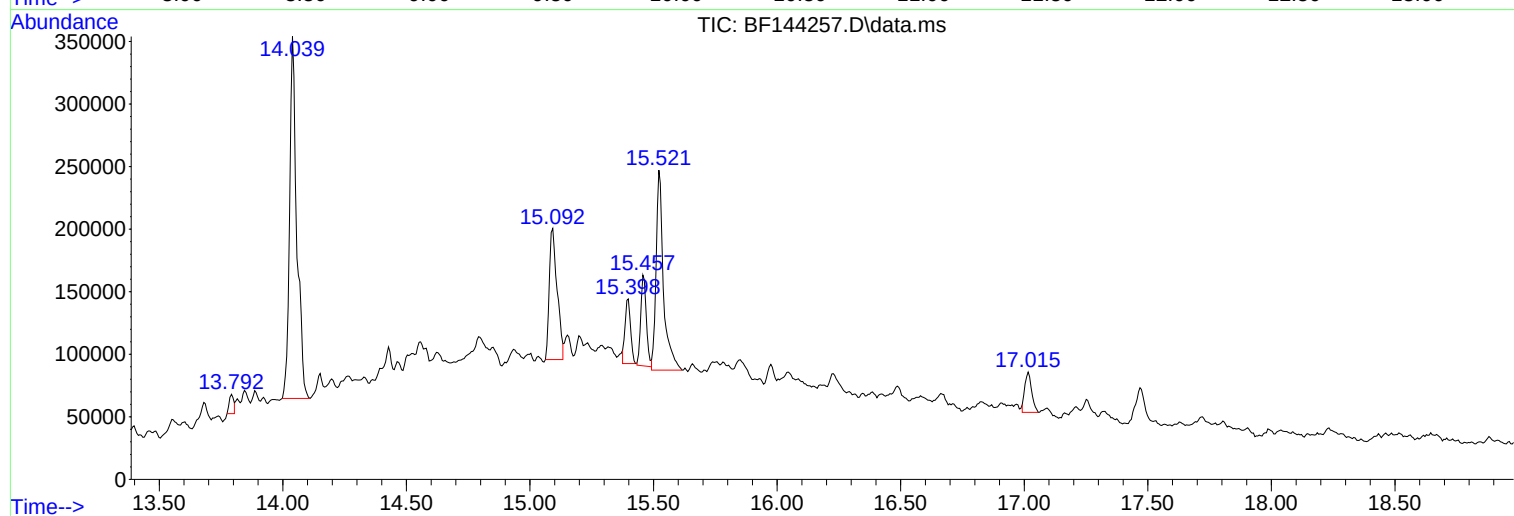
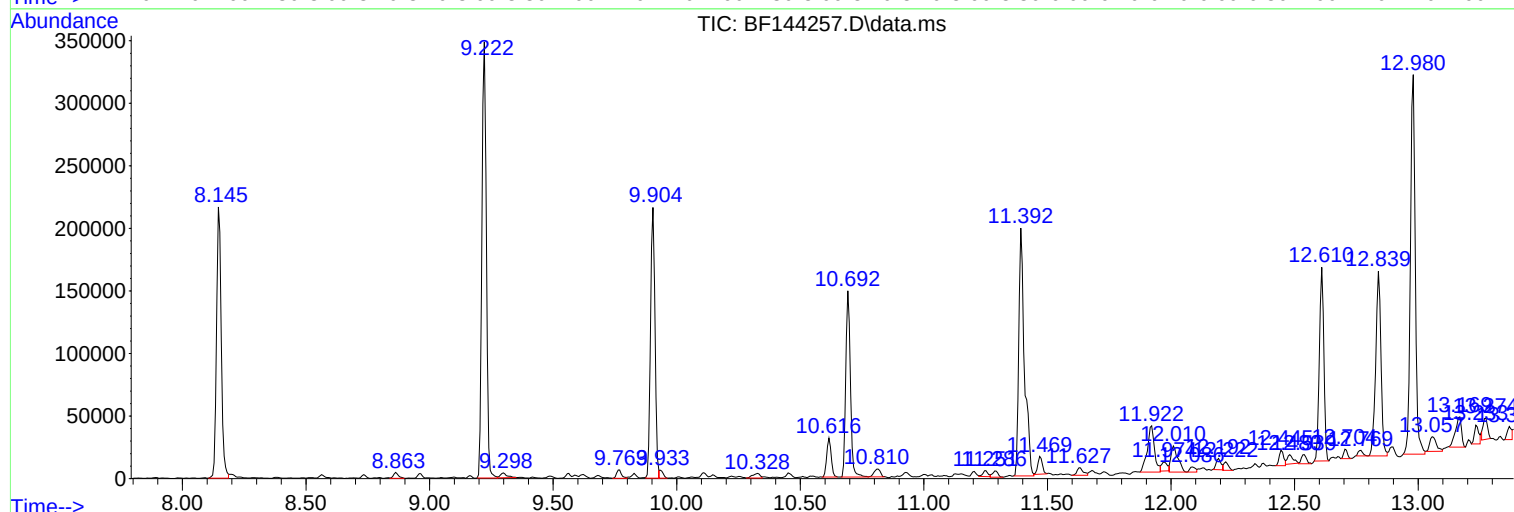
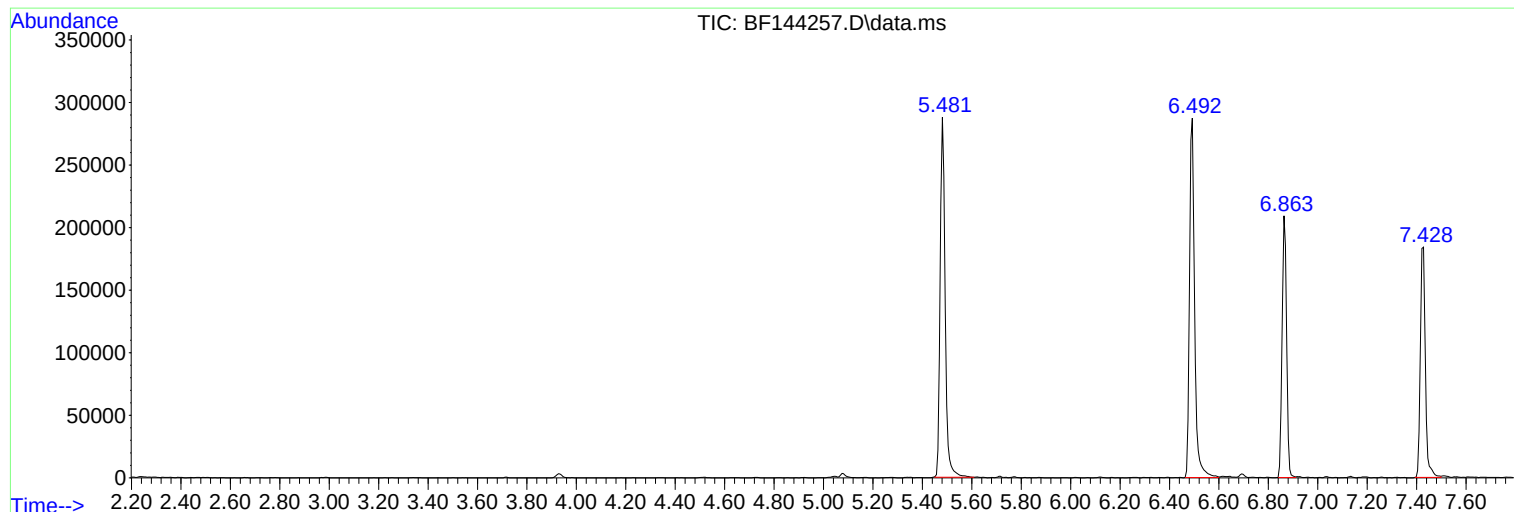
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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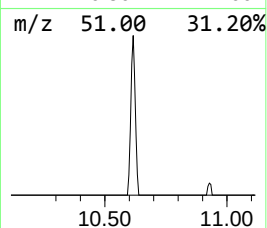
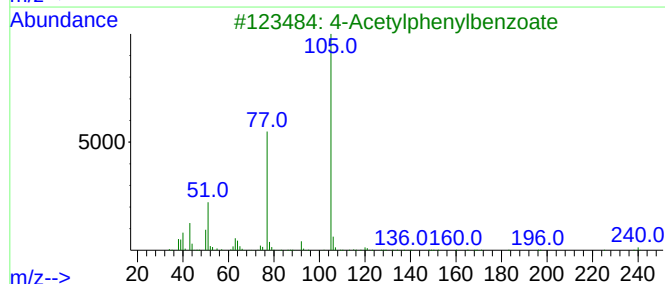
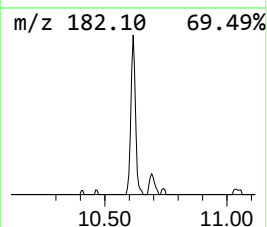
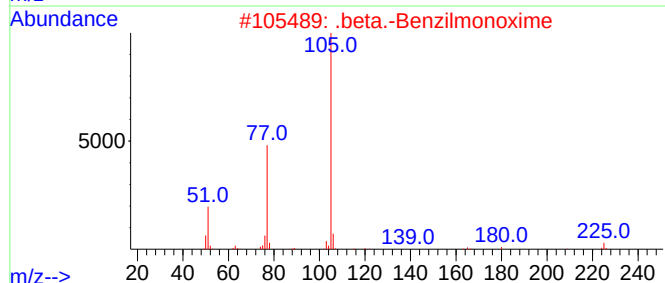
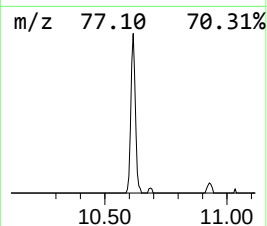
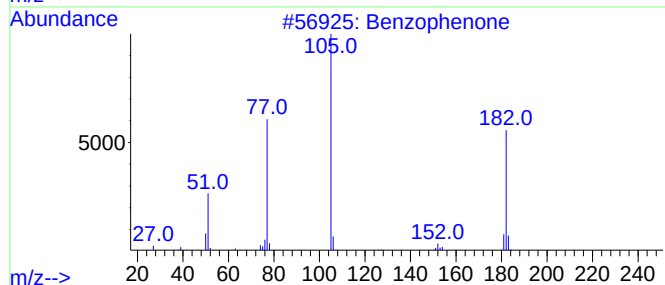
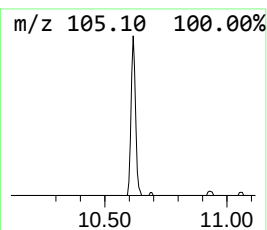
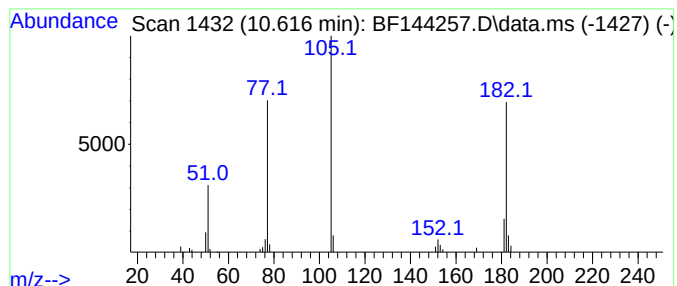
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	2.93 ng	39395	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	94
2			.beta.-Benzilmonoxime	225	C14H11NO2	014090-77-8	43
3			4-Acetylphenylbenzoate	240	C15H12O3	001523-18-8	43
4			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	43
5			Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	43



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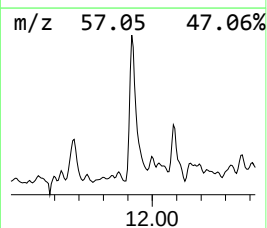
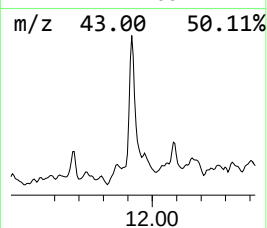
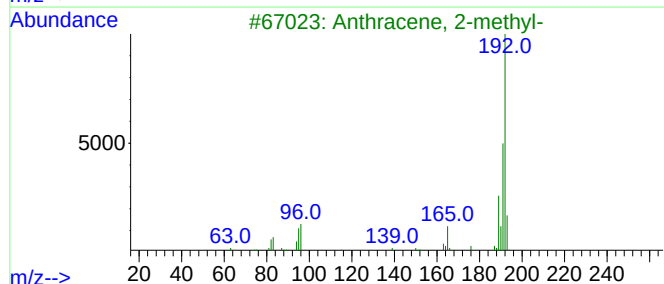
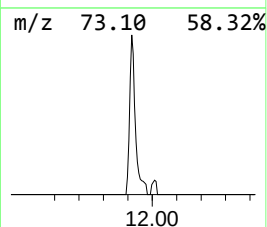
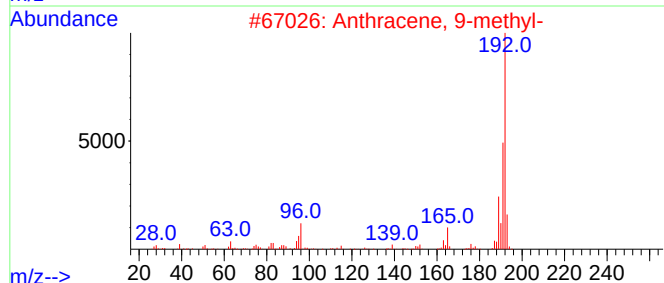
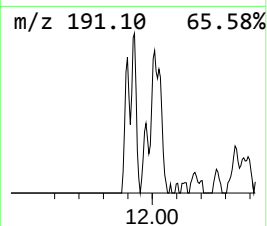
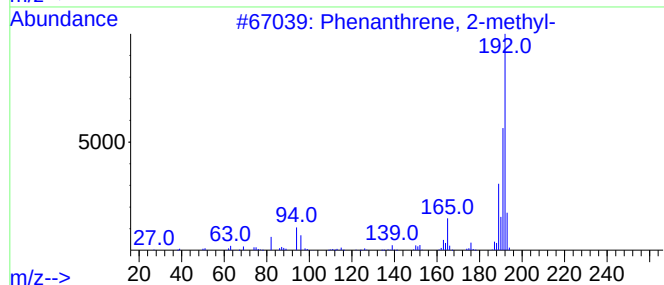
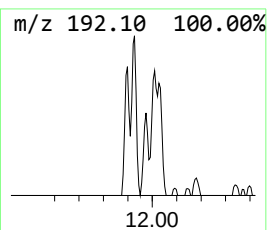
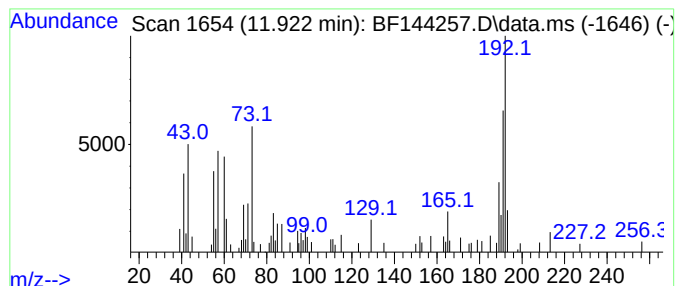
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	4.80 ng	76083	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	70
5			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	70



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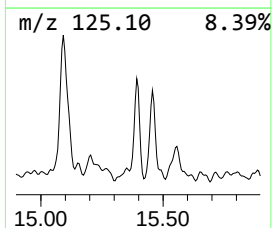
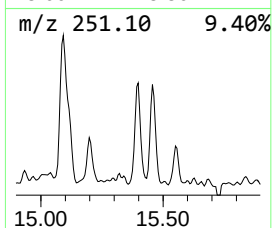
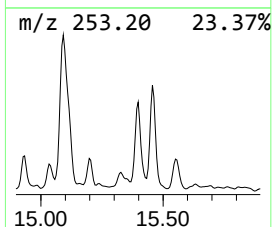
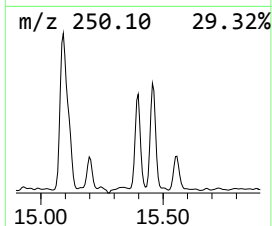
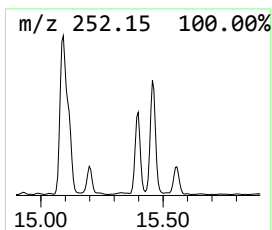
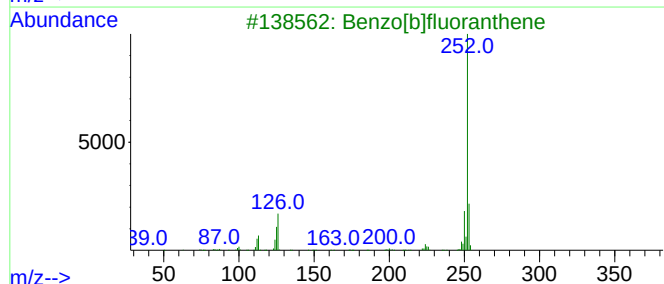
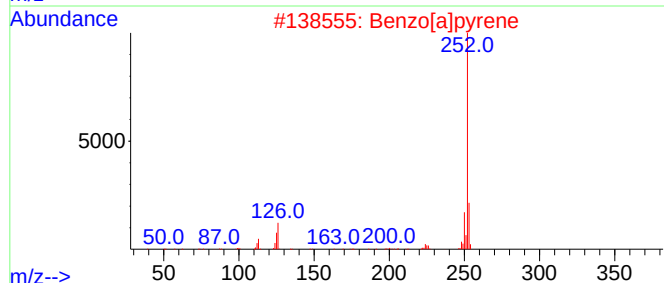
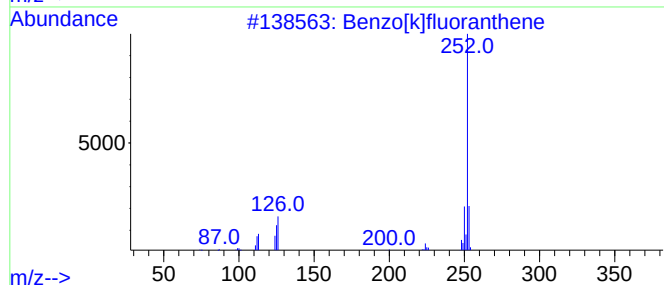
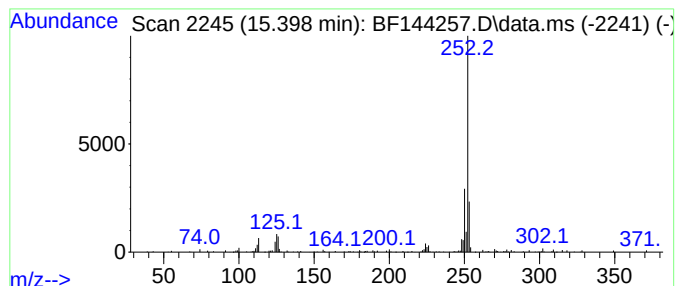
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.398	4.84 ng	80220	Perylene-d12	15.521

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



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TIC Library : C:\Database\NIST20.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	10.616	2.9	ng	39395	3	9.904	269263	20.0
Phenanthrene, 2...	11.922	4.8	ng	76083	4	11.392	317014	20.0
Benzo[e]pyrene	15.398	4.8	ng	80220	6	15.521	331769	20.0