

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022720\
 Data File : BF119125.D
 Acq On : 27 Feb 2020 23:34
 Operator : CG/JU
 Sample : L1697-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-053-A

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_F\METHODS\8270-BF022020.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	4.957	485	488	498	rVB	28474	41978	1.34%	0.134%
2	5.369	555	558	581	rBV	2520420	2649711	84.58%	8.490%
3	6.392	728	732	748	rBV	2523128	2532197	80.83%	8.113%
4	6.745	788	792	802	rBV	1012936	831720	26.55%	2.665%
5	6.904	815	819	822	rBV	2561339	2335407	74.55%	7.483%
6	7.310	883	888	891	rBV	1716765	1636068	52.23%	5.242%
7	8.028	1006	1010	1013	rBV	1101552	1002114	31.99%	3.211%
8	9.098	1188	1192	1196	rBV	3205311	3132727	100.00%	10.037%
9	9.492	1256	1259	1266	rVB	118956	113092	3.61%	0.362%
10	9.639	1281	1284	1289	rBV	35507	31388	1.00%	0.101%
11	9.781	1301	1308	1311	rBV	1147291	1103295	35.22%	3.535%
12	9.810	1311	1313	1319	rVB	88678	80028	2.55%	0.256%
13	10.328	1397	1401	1405	rBV	48923	48992	1.56%	0.157%
14	10.569	1438	1442	1453	rBV	1699712	1754088	55.99%	5.620%
15	11.263	1556	1560	1562	rBV	1034975	981205	31.32%	3.144%
16	11.286	1562	1564	1568	rVV	491973	411676	13.14%	1.319%
17	11.333	1568	1572	1577	rVB	141605	145282	4.64%	0.465%
18	11.498	1595	1600	1606	rBV2	41933	60261	1.92%	0.193%
19	11.763	1640	1645	1647	rBV	60697	59962	1.91%	0.192%
20	11.792	1647	1650	1653	rBV	185437	163009	5.20%	0.522%
21	11.874	1661	1664	1667	rBV	101414	111285	3.55%	0.357%
22	12.057	1690	1695	1698	rBV	46555	45315	1.45%	0.145%
23	12.310	1735	1738	1741	rBV	36623	36233	1.16%	0.116%
24	12.398	1750	1753	1758	rVB3	27724	35081	1.12%	0.112%
25	12.474	1762	1766	1770	rBV	837193	765082	24.42%	2.451%
26	12.574	1780	1783	1786	rBV2	44843	54510	1.74%	0.175%
27	12.698	1798	1804	1808	rBV	699718	780664	24.92%	2.501%
28	12.751	1811	1813	1818	rVB2	37048	41888	1.34%	0.134%
29	12.845	1822	1829	1832	rBV	2722021	2674287	85.37%	8.568%
30	12.921	1837	1842	1845	rBV2	48725	82238	2.63%	0.263%
31	13.010	1853	1857	1858	rBV2	50522	62566	2.00%	0.200%
32	13.027	1858	1860	1864	rVB	128564	120220	3.84%	0.385%
33	13.098	1864	1872	1874	rBV	98905	111710	3.57%	0.358%
34	13.133	1874	1878	1881	rBV2	82816	97003	3.10%	0.311%

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35	13.227	1891	1894	1896	rBV	45833	43989	1.40%	0.141%
36	13.257	1896	1899	1903	rVV2	43342	44960	1.44%	0.144%
37	13.545	1945	1948	1951	rVB	60163	57052	1.82%	0.183%
38	13.651	1962	1966	1968	rBV	83201	95201	3.04%	0.305%
39	13.674	1968	1970	1972	rVV	79546	73576	2.35%	0.236%
40	13.698	1972	1974	1976	rVV	64463	67251	2.15%	0.215%
41	13.751	1979	1983	1991	rVB2	167480	251632	8.03%	0.806%
42	13.898	2001	2008	2011	rBV2	1237287	1655752	52.85%	5.305%
43	13.921	2011	2012	2020	rVB	423164	387196	12.36%	1.241%
44	14.004	2023	2026	2029	rVB	70698	58052	1.85%	0.186%
45	14.051	2032	2034	2039	rVV3	44869	71884	2.29%	0.230%
46	14.251	2065	2068	2070	rBV	38025	40334	1.29%	0.129%
47	14.286	2072	2074	2077	rVB	90569	76404	2.44%	0.245%
48	14.368	2085	2088	2089	rBV3	71150	68897	2.20%	0.221%
49	14.410	2093	2095	2097	rBV2	54545	48501	1.55%	0.155%
50	14.663	2136	2138	2141	rBV2	69019	65314	2.08%	0.209%
51	14.768	2154	2156	2159	rBV	51955	51631	1.65%	0.165%
52	14.921	2178	2182	2189	rBV	517334	922095	29.43%	2.954%
53	14.980	2190	2192	2196	rVB2	88846	102500	3.27%	0.328%
54	15.027	2197	2200	2204	rBV	97688	109923	3.51%	0.352%
55	15.210	2228	2231	2237	rVB	299914	341832	10.91%	1.095%
56	15.268	2237	2241	2246	rBV	422078	528228	16.86%	1.692%
57	15.327	2247	2251	2264	rVB2	874168	1317332	42.05%	4.221%
58	15.751	2320	2323	2326	rVB2	65018	75637	2.41%	0.242%
59	16.733	2486	2490	2496	rVB	150967	257969	8.23%	0.827%
60	17.157	2558	2562	2573	rVB	125644	265713	8.48%	0.851%

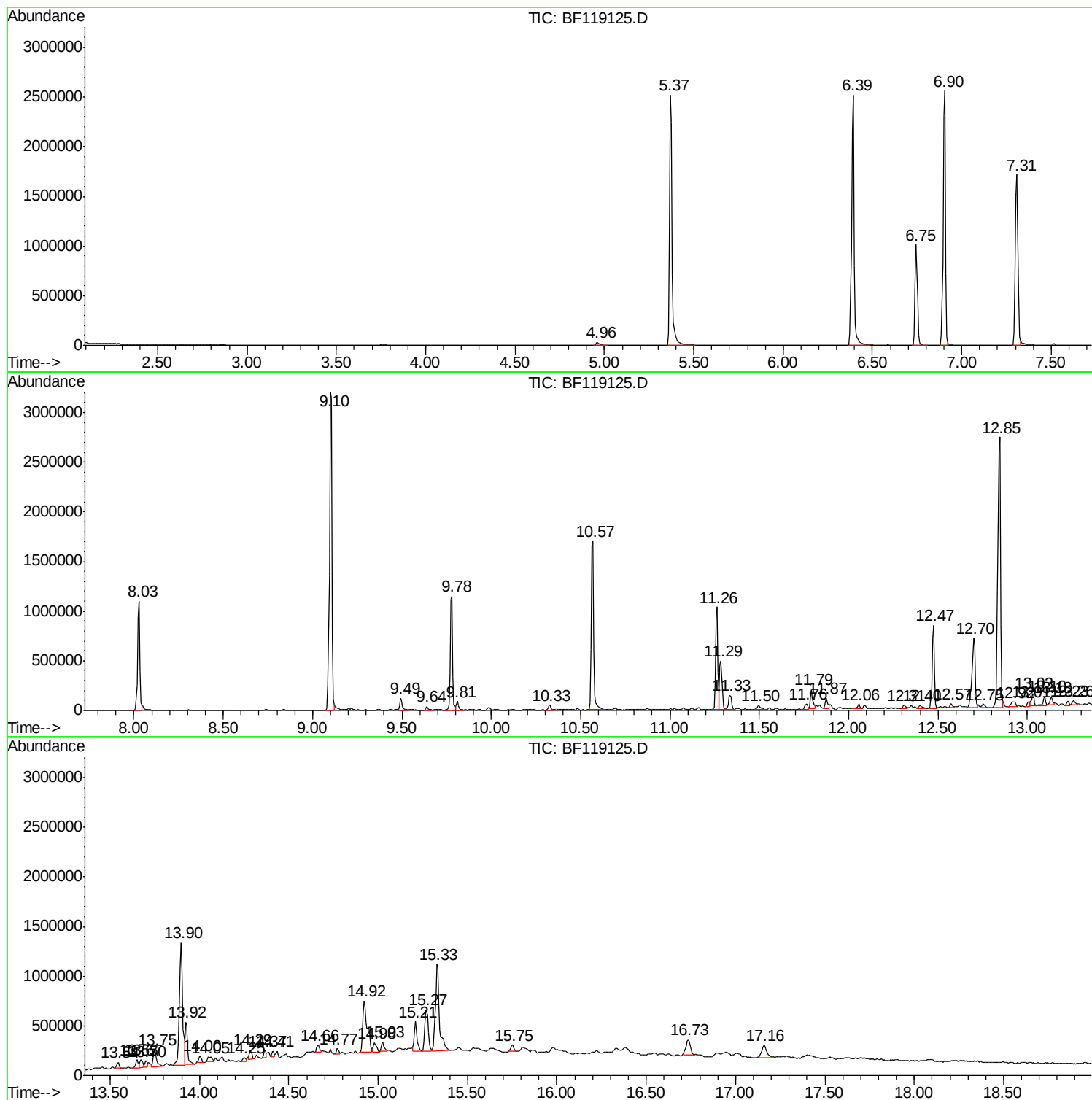
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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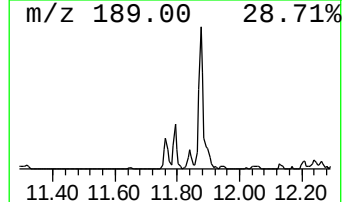
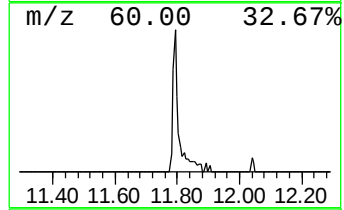
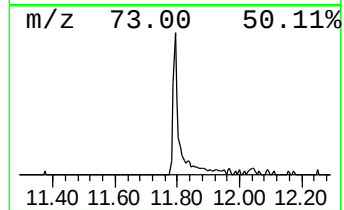
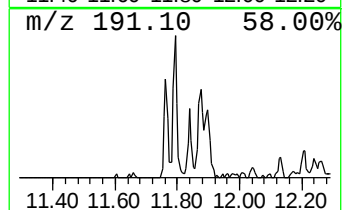
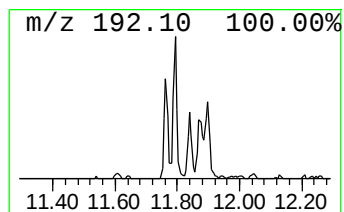
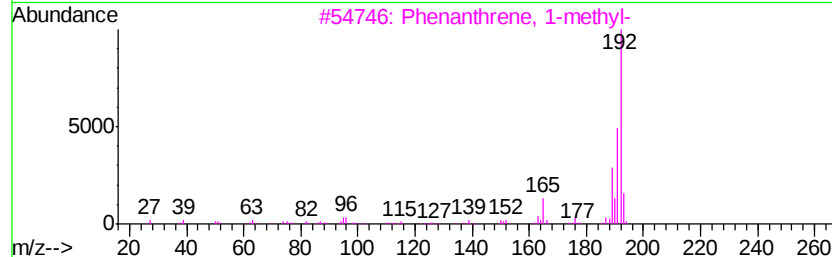
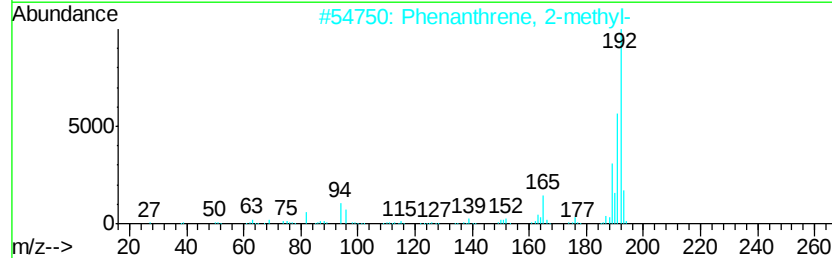
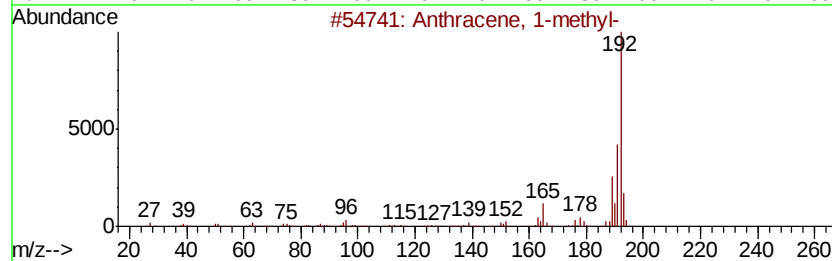
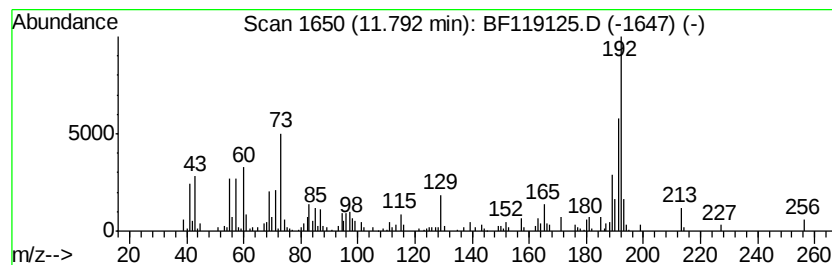
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.79	3.32 ng	163009	Phenanthrene-d10		11.26	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	92



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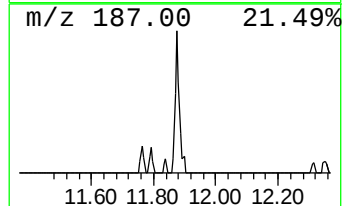
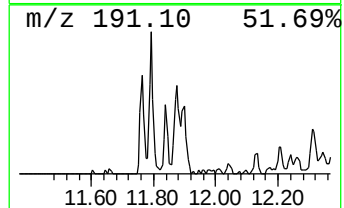
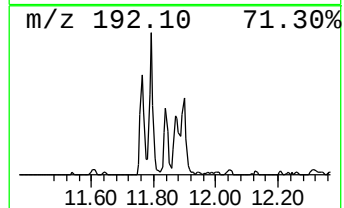
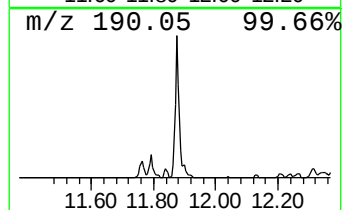
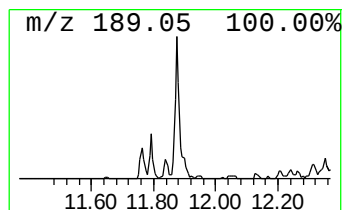
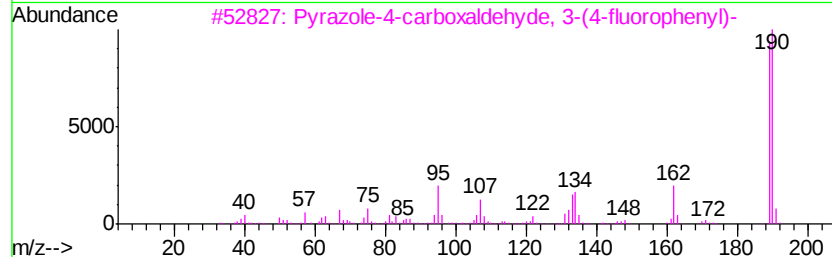
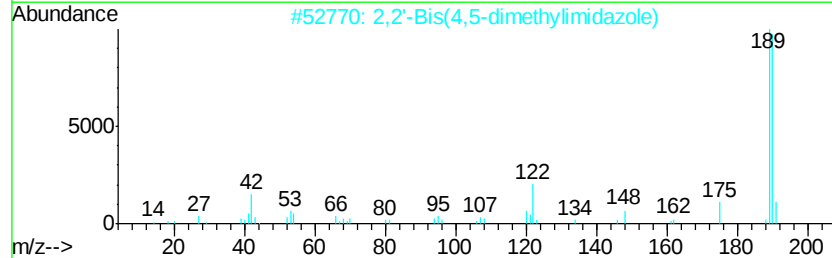
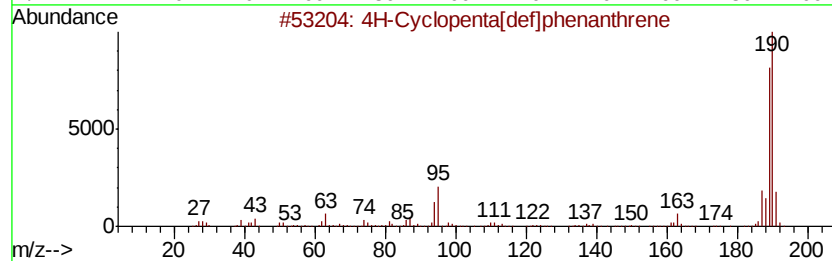
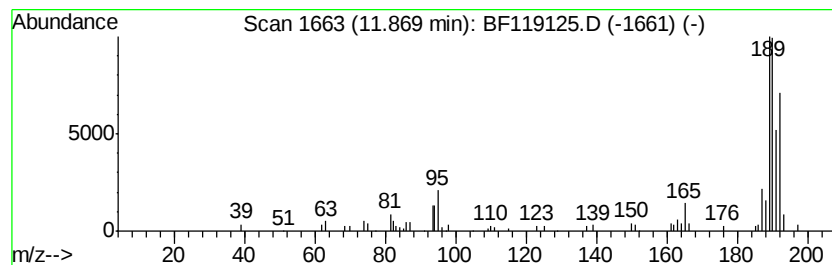
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.87	2.27 ng	111285	Phenanthrene-d10	11.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	89
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50
3	Pvrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	42
4	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30
5	1-(Phenylethynyl)-1H-1,2,3-benzo...	219	C14H9N3	209912-23-2	27



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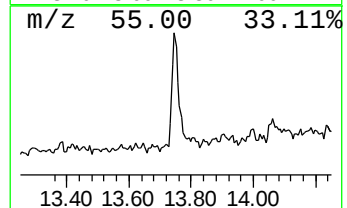
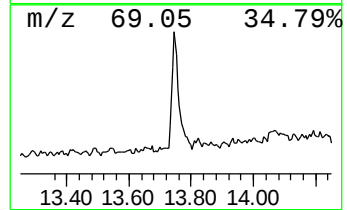
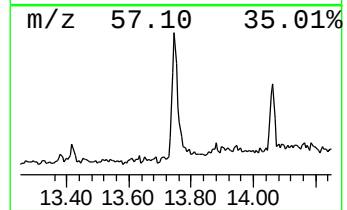
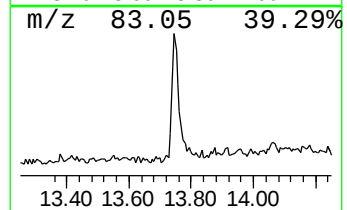
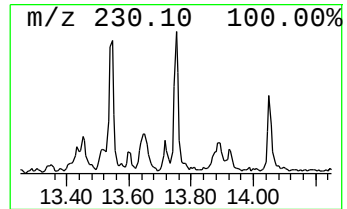
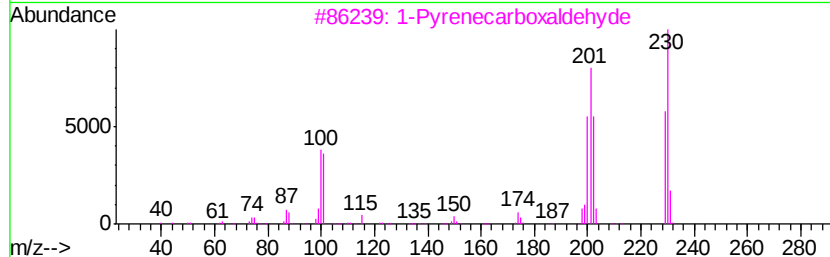
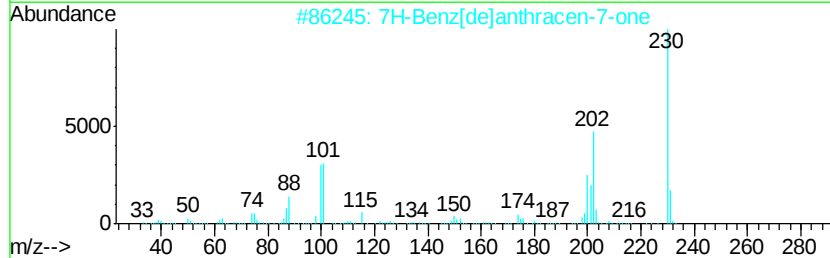
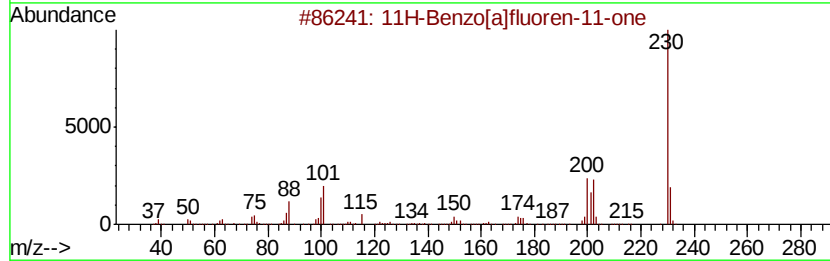
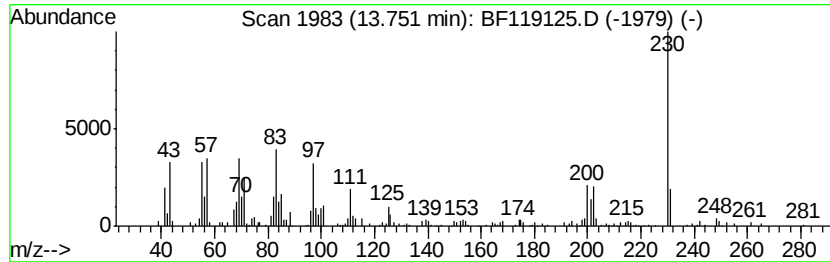
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 11H-Benzo[a]fluoren-11-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	3.04 ng	251632	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	92
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	53
3		1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	47
4		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	46
5		(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	43



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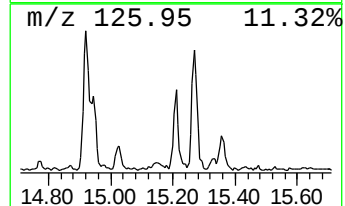
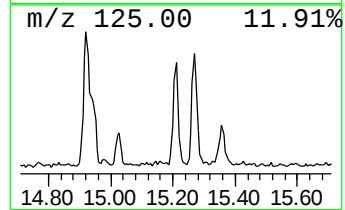
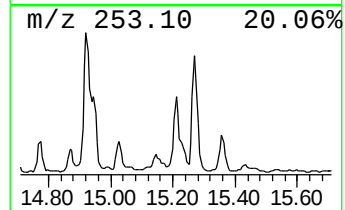
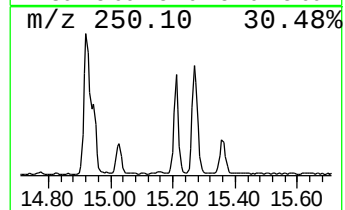
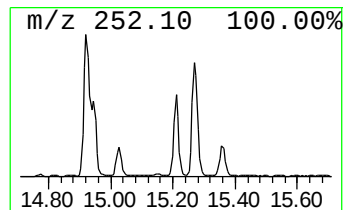
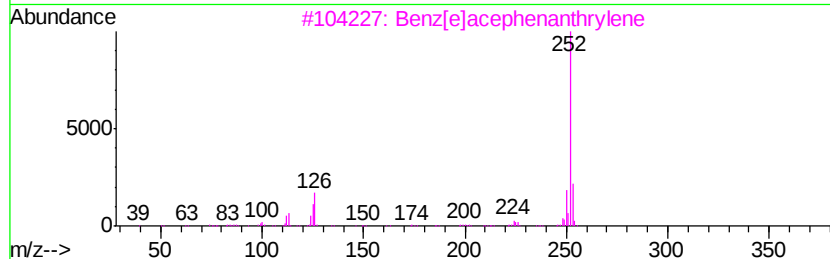
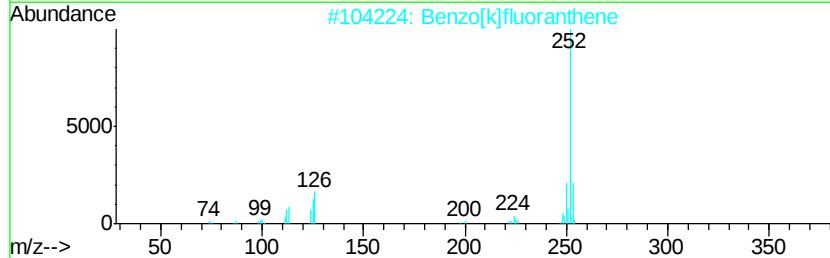
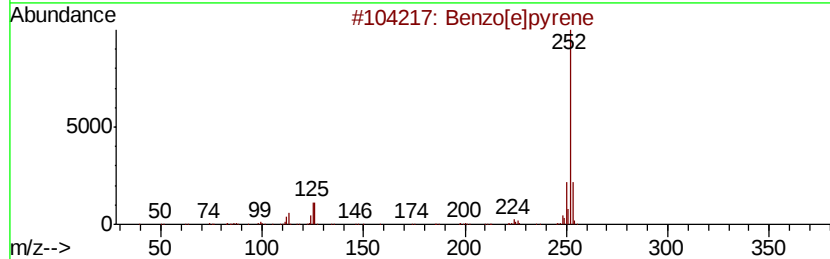
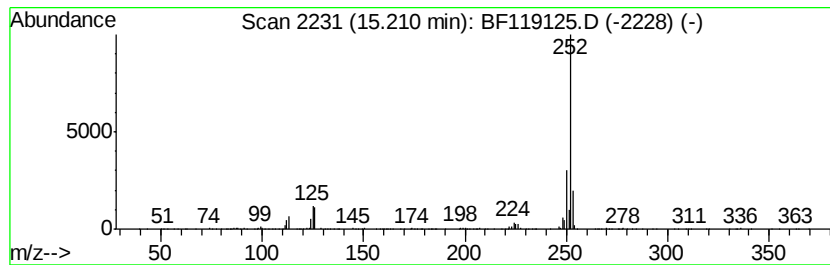
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Peak Number 5 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	5.19 ng	341832	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4		Perylene	252	C20H12	000198-55-0	95
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	95



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Anthracene, 1-met...	11.79	3.3	ng	163009	4	11.26	981205	20.0
4H-Cyclopenta[def...	11.87	2.3	ng	111285	4	11.26	981205	20.0
11H-Benzo[a]fluor...	13.75	3.0	ng	251632	5	13.90	1655750	20.0
Benzo[e]pyrene	15.21	5.2	ng	341832	6	15.33	1317330	20.0