

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081319\
 Data File : BF116255.D
 Acq On : 14 Aug 2019 2:37
 Operator : HP/JU
 Sample : K4319-03 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE

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-BF073019.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	3.887	301	306	312	rBV2	15044	29650	2.15%	0.207%
2	5.510	579	582	607	rBV	83080	347627	25.20%	2.428%
3	6.522	751	754	770	rBV	107007	360619	26.14%	2.518%
4	6.634	770	773	787	rVB	259082	490807	35.58%	3.428%
5	6.834	804	807	820	rVB	752499	712001	51.62%	4.972%
6	6.992	830	834	851	rVB	361416	408924	29.65%	2.856%
7	7.410	902	905	934	rBV	134196	297446	21.56%	2.077%
8	8.116	1021	1025	1050	rBV	785624	1010307	73.24%	7.055%
9	9.192	1204	1208	1220	rBV	450494	614533	44.55%	4.292%
10	9.598	1274	1277	1286	rBV	24261	38108	2.76%	0.266%
11	9.869	1319	1323	1344	rBV	1200967	1216443	88.19%	8.495%
12	10.669	1455	1459	1474	rBV	244001	352042	25.52%	2.458%
13	11.357	1572	1576	1588	rBV	1148499	1379401	100.00%	9.633%
14	11.445	1588	1591	1602	rVB	20968	34710	2.52%	0.242%
15	11.869	1659	1663	1666	rBV2	28896	46870	3.40%	0.327%
16	11.898	1666	1668	1674	rVB2	42428	57570	4.17%	0.402%
17	11.980	1679	1682	1684	rVV	37370	46170	3.35%	0.322%
18	12.004	1684	1686	1691	rVB	20715	21403	1.55%	0.149%
19	12.163	1710	1713	1718	rBV2	12835	15274	1.11%	0.107%
20	12.410	1752	1755	1758	rBV	41513	40475	2.93%	0.283%
21	12.510	1771	1772	1780	rVB2	17981	19875	1.44%	0.139%
22	12.574	1780	1783	1789	rBV	330495	329762	23.91%	2.303%
23	12.727	1806	1809	1811	rBV2	19370	18055	1.31%	0.126%
24	12.804	1816	1822	1828	rVV	350036	408026	29.58%	2.849%
25	12.857	1828	1831	1835	rVB	26543	28670	2.08%	0.200%
26	12.933	1840	1844	1853	rVV	782667	733396	53.17%	5.122%
27	13.027	1855	1860	1865	rVB4	30043	52261	3.79%	0.365%
28	13.110	1871	1874	1876	rBV2	21935	29002	2.10%	0.203%
29	13.133	1876	1878	1884	rVB3	31488	41930	3.04%	0.293%
30	13.198	1884	1889	1892	rBV3	15219	22046	1.60%	0.154%
31	13.239	1892	1896	1900	rBV4	47015	56804	4.12%	0.397%
32	13.333	1909	1912	1915	rBV	31297	31876	2.31%	0.223%
33	13.363	1915	1917	1920	rVV	20592	20538	1.49%	0.143%
34	13.404	1920	1924	1928	rVV	768494	648588	47.02%	4.529%

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35	13.580	1951	1954	1957	rVB4	20855	17092	1.24%	0.119%
36	13.615	1957	1960	1963	rBV5	9583	14368	1.04%	0.100%
37	13.657	1964	1967	1973	rVB2	35539	52139	3.78%	0.364%
38	13.733	1978	1980	1982	rBV2	24601	19051	1.38%	0.133%
39	13.763	1982	1985	1986	rBV2	32907	36702	2.66%	0.256%
40	13.810	1990	1993	1994	rBV	27808	25139	1.82%	0.176%
41	13.863	1999	2002	2008	rVB3	51099	80208	5.81%	0.560%
42	13.963	2015	2019	2021	rBV	785839	674444	48.89%	4.710%
43	13.998	2021	2025	2029	rBV	1087641	1208202	87.59%	8.437%
44	14.110	2042	2044	2047	rVB	20835	16298	1.18%	0.114%
45	14.174	2053	2055	2059	rVV4	17675	21947	1.59%	0.153%
46	14.392	2089	2092	2096	rVB	47688	47240	3.42%	0.330%
47	14.521	2111	2114	2115	rBV	18455	15687	1.14%	0.110%
48	14.745	2146	2152	2155	rBV3	38677	62717	4.55%	0.438%
49	14.815	2162	2164	2168	rVB5	18909	19124	1.39%	0.134%
50	14.892	2174	2177	2182	rBV3	18341	29663	2.15%	0.207%
51	15.045	2199	2203	2206	rBV	148117	223238	16.18%	1.559%
52	15.074	2206	2208	2214	rVB2	109793	129950	9.42%	0.907%
53	15.157	2219	2222	2227	rVV	24595	32024	2.32%	0.224%
54	15.345	2250	2254	2259	rBV	90084	111428	8.08%	0.778%
55	15.409	2261	2265	2269	rVV	110955	147557	10.70%	1.030%
56	15.468	2269	2275	2289	rVB	680734	1066129	77.29%	7.445%
57	15.874	2340	2344	2348	rVB	32095	44209	3.20%	0.309%
58	16.368	2424	2428	2437	rVB6	25213	50905	3.69%	0.355%
59	16.962	2521	2529	2538	rBV3	54483	136425	9.89%	0.953%
60	17.415	2600	2606	2616	rVB3	29196	76473	5.54%	0.534%

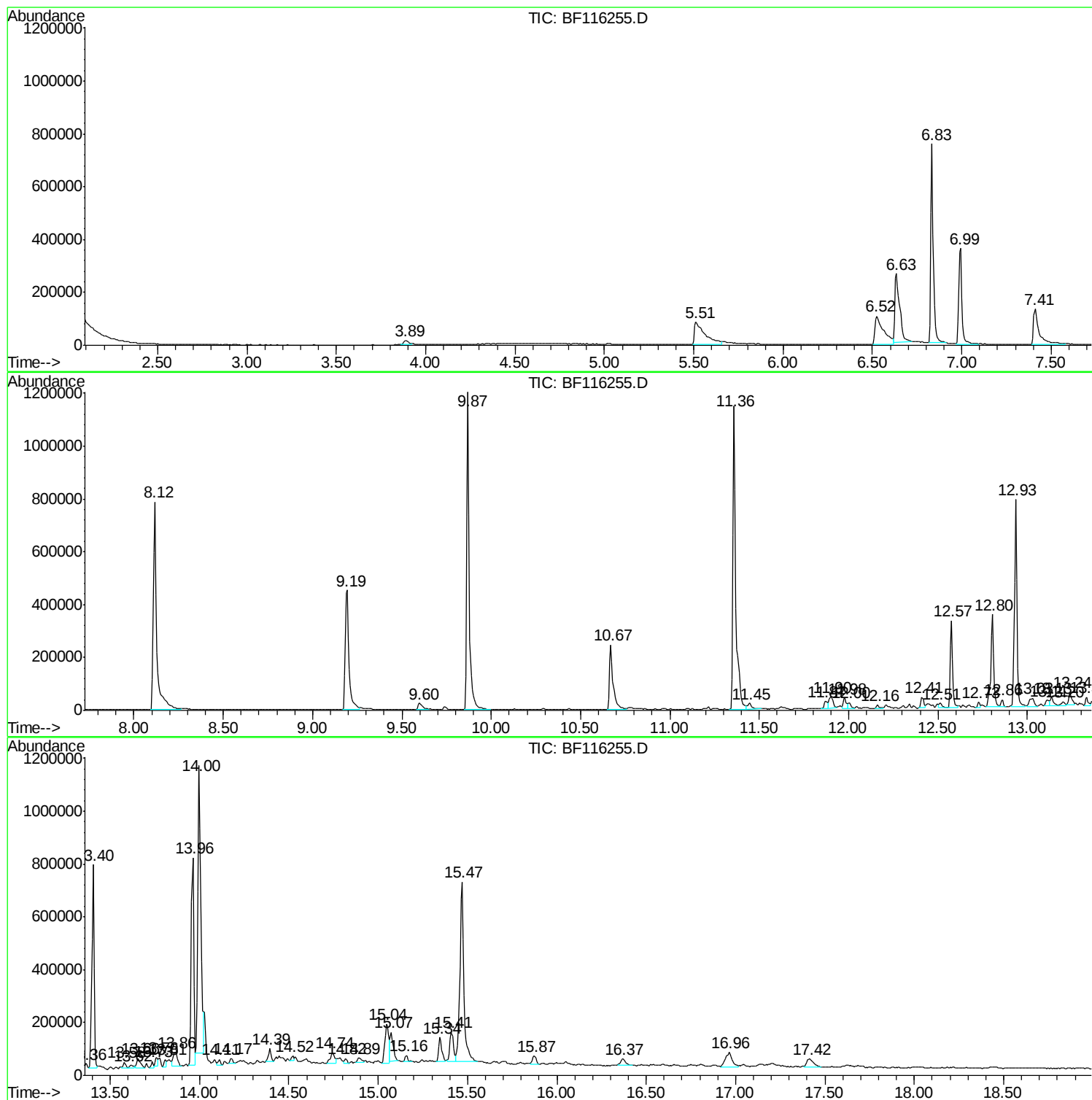
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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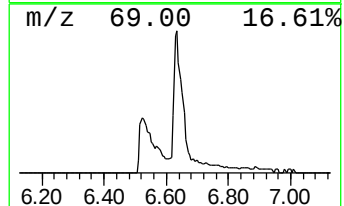
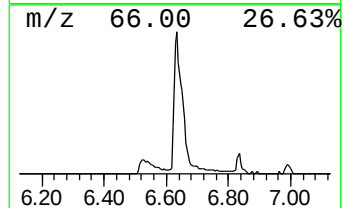
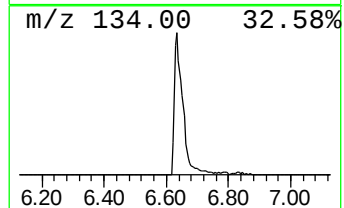
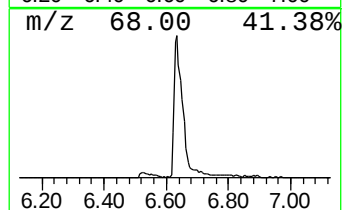
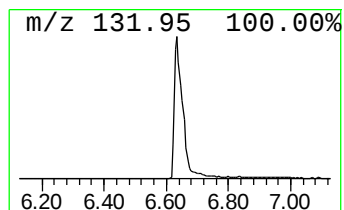
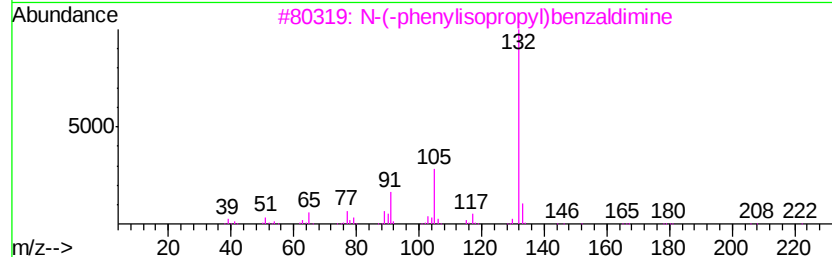
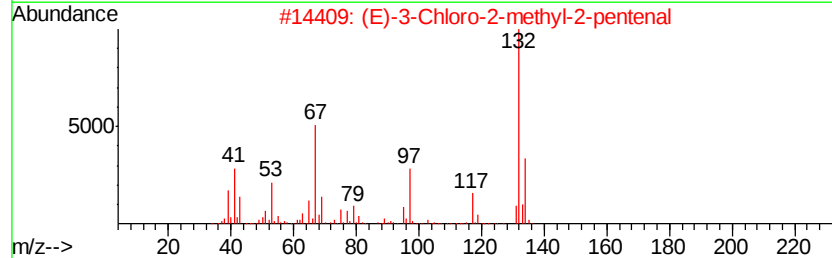
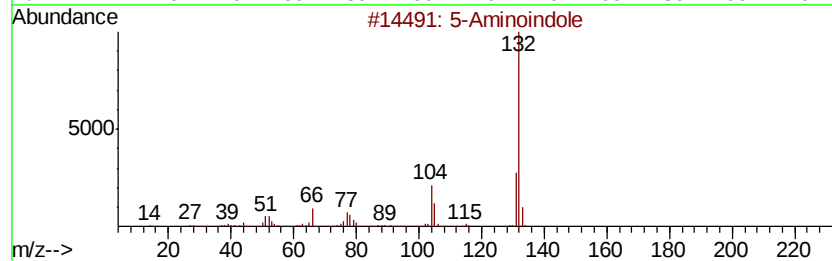
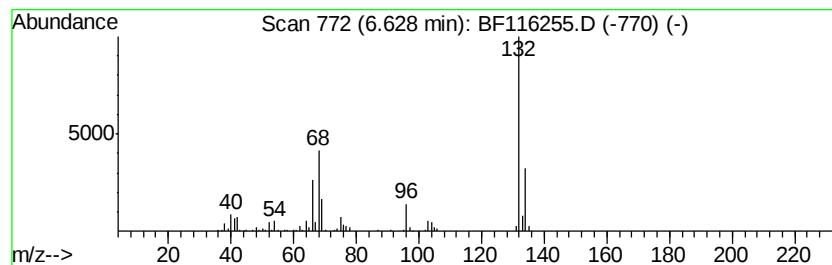
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	13.79 ng	490807	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	22
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		N-(-phenylisopropyl)benzalimine	223	C16H17N	1000379-01-3	10
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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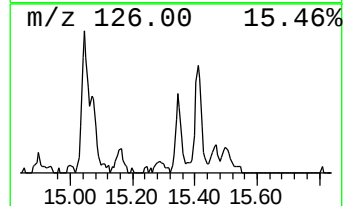
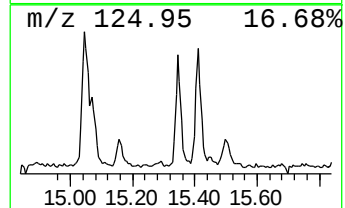
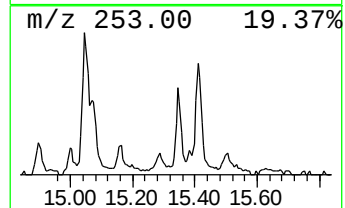
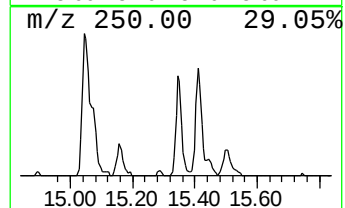
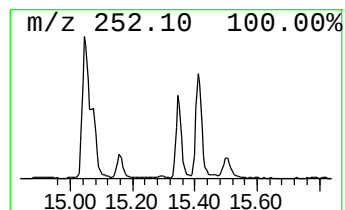
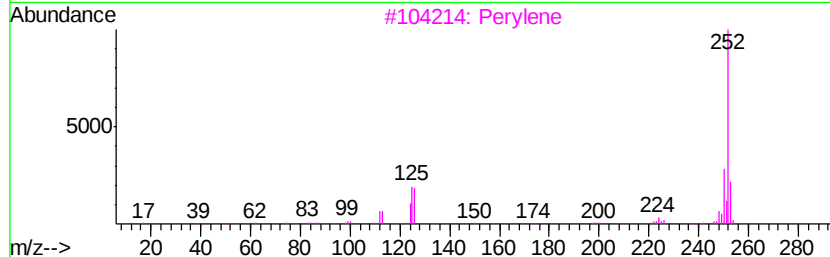
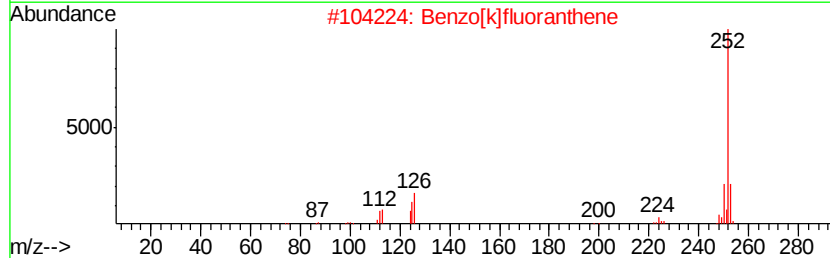
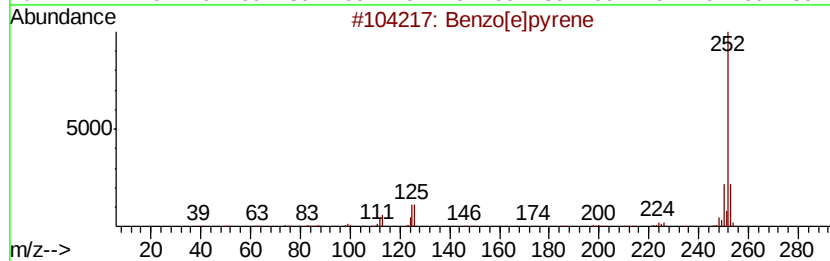
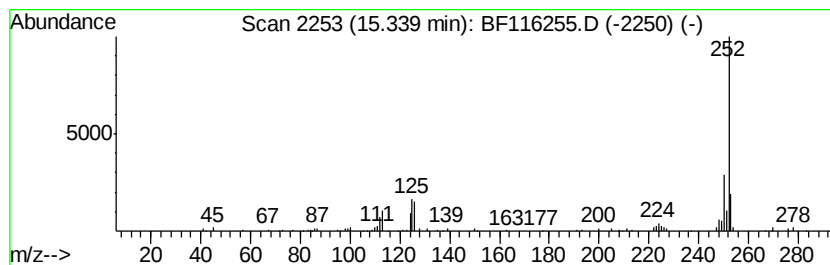
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	2.09 ng	111428	Perylene-d12	15.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3		Perylene	252	C20H12	000198-55-0	97
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	93



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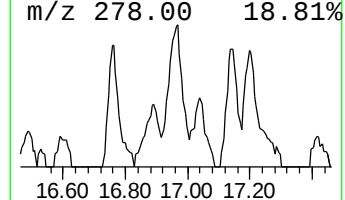
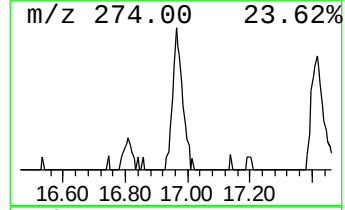
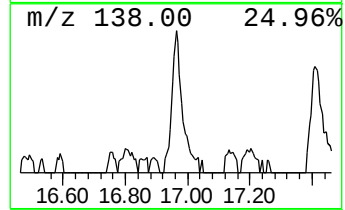
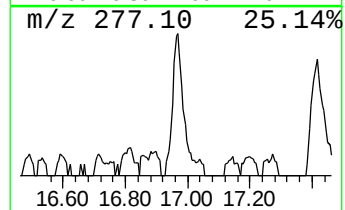
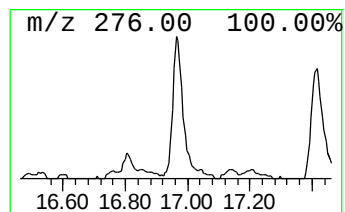
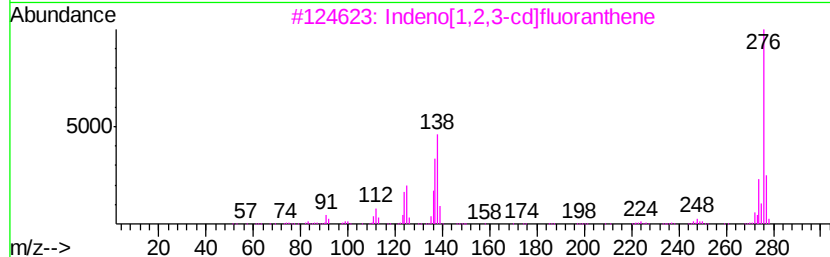
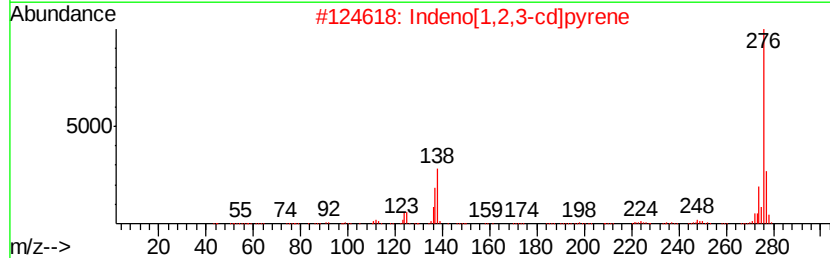
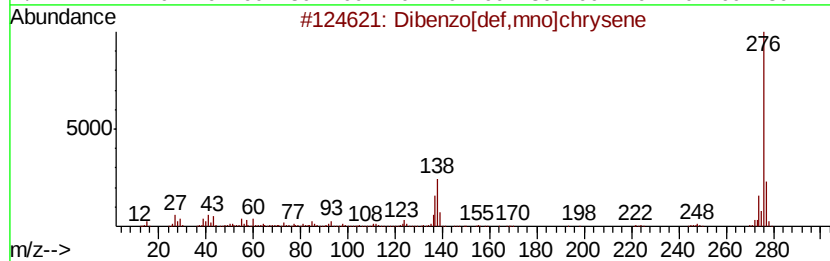
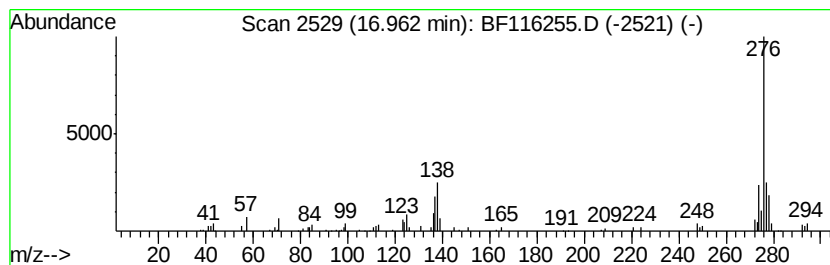
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dibenzo[def,mno]chrysene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	2.56 ng	136425	Perylene-d12	15.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	95
2		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	95
3		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	93
4		Benzo[ghi]perylene	276	C22H12	000191-24-2	93
5		2-Thiophenecarbaldehyde, 5-[5-(t...	276	C13H8OS3	1000217-28-5	40



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.63	6.63	13.8	ng	490807	1	6.83	712001	20.0
Benzo[e]pyrene	15.34	2.1	ng	111428	6	15.47	1066130	20.0
Dibenzo[def,mno]c...	16.96	2.6	ng	136425	6	15.47	1066130	20.0