

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136959.D
 Acq On : 05 Jan 2024 00:57
 Operator : CG\JU
 Sample : 06015-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-317-0-2

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-BF122023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136959.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.340	37	43	49	rVB3	5026	9631	1.35%	0.133%
2	5.004	493	496	503	rBV	24200	27386	3.85%	0.378%
3	5.422	564	567	583	rBV	595031	589213	82.88%	8.128%
4	6.428	735	738	756	rBV	576693	591216	83.17%	8.156%
5	6.781	795	798	808	rVB	383877	291974	41.07%	4.028%
6	7.340	890	893	905	rBV	429947	373637	52.56%	5.154%
7	8.057	1012	1015	1018	rBV	441232	348081	48.96%	4.802%
8	9.134	1195	1198	1201	rBV	942347	710884	100.00%	9.807%
9	9.675	1287	1290	1294	rBV	14343	12179	1.71%	0.168%
10	9.816	1310	1314	1318	rBV	435501	359864	50.62%	4.964%
11	9.845	1318	1319	1326	rVB	13587	10811	1.52%	0.149%
12	10.369	1405	1408	1413	rBV	11081	11605	1.63%	0.160%
13	10.610	1445	1449	1459	rBV	406260	366263	51.52%	5.053%
14	11.310	1564	1568	1570	rBV	415046	359418	50.56%	4.958%
15	11.333	1570	1572	1575	rVV	151648	119761	16.85%	1.652%
16	11.386	1576	1581	1584	rVB	32658	30522	4.29%	0.421%
17	11.551	1604	1609	1613	rBV2	13388	15635	2.20%	0.216%
18	11.810	1650	1653	1656	rBV	25277	24174	3.40%	0.333%
19	11.839	1656	1658	1665	rVV2	83074	85489	12.03%	1.179%
20	11.928	1670	1673	1675	rVV	32406	36347	5.11%	0.501%
21	11.945	1675	1676	1683	rVB2	15811	13339	1.88%	0.184%
22	12.110	1702	1704	1706	rVB	13848	9582	1.35%	0.132%
23	12.139	1707	1709	1713	rVB	10347	9989	1.41%	0.138%
24	12.363	1744	1747	1750	rBV	12114	13461	1.89%	0.186%
25	12.451	1759	1762	1767	rVB3	12336	15790	2.22%	0.218%
26	12.527	1771	1775	1779	rBV	233879	197658	27.80%	2.727%
27	12.633	1789	1793	1798	rBV2	15899	22487	3.16%	0.310%
28	12.757	1809	1814	1820	rVB	201056	204785	28.81%	2.825%
29	12.816	1820	1824	1828	rBV4	16480	26930	3.79%	0.372%
30	12.904	1835	1839	1842	rBV	768232	641474	90.24%	8.849%
31	12.975	1847	1851	1855	rBV4	14656	25916	3.65%	0.358%
32	13.075	1863	1868	1869	rBV4	15075	20464	2.88%	0.282%
33	13.086	1869	1870	1873	rVB	27702	21032	2.96%	0.290%
34	13.139	1874	1879	1880	rBV5	7640	9838	1.38%	0.136%
35	13.157	1880	1882	1884	rVB	16691	12599	1.77%	0.174%
36	13.192	1884	1888	1891	rBV2	20839	25284	3.56%	0.349%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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37	13.286	1901	1904	1907	rBV	14163	13626	1.92%	0.188%
38	13.316	1907	1909	1913	rVV	12659	14088	1.98%	0.194%
39	13.380	1917	1920	1923	rBV2	14564	13279	1.87%	0.183%
40	13.604	1955	1958	1961	rBV	18633	18661	2.63%	0.257%
41	13.716	1973	1977	1979	rBV	24093	26168	3.68%	0.361%
42	13.739	1979	1981	1983	rVV	15980	11764	1.65%	0.162%
43	13.763	1983	1985	1987	rVV	11859	10263	1.44%	0.142%
44	13.816	1991	1994	1996	rBV2	21039	21586	3.04%	0.298%
45	13.880	2000	2005	2007	rBV5	19192	30075	4.23%	0.415%
46	13.969	2012	2020	2022	rBV2	413364	511559	71.96%	7.057%
47	13.992	2022	2024	2029	rVV	123245	109552	15.41%	1.511%
48	14.057	2032	2035	2040	rBV2	31652	48254	6.79%	0.666%
49	14.357	2084	2086	2089	rVB2	19113	15400	2.17%	0.212%
50	14.439	2096	2100	2104	rBV5	24234	36729	5.17%	0.507%
51	15.016	2194	2198	2201	rBV	94060	128870	18.13%	1.778%
52	15.086	2207	2210	2214	rVB	35503	38098	5.36%	0.526%
53	15.321	2247	2250	2256	rVB	48741	64716	9.10%	0.893%
54	15.386	2258	2261	2268	rBV	67896	83722	11.78%	1.155%
55	15.451	2268	2272	2276	rBV	245438	330959	46.56%	4.566%
56	15.921	2348	2352	2358	rBV	44594	63471	8.93%	0.876%
57	18.580	2802	2804	2807	rBV3	10021	13219	1.86%	0.182%

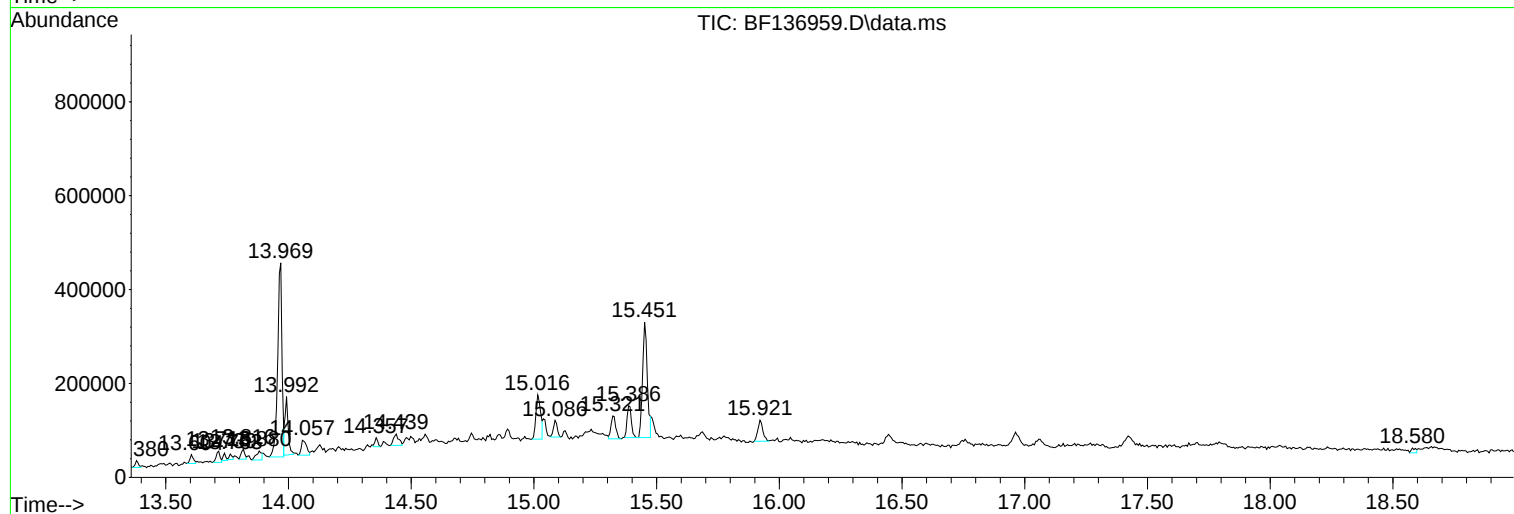
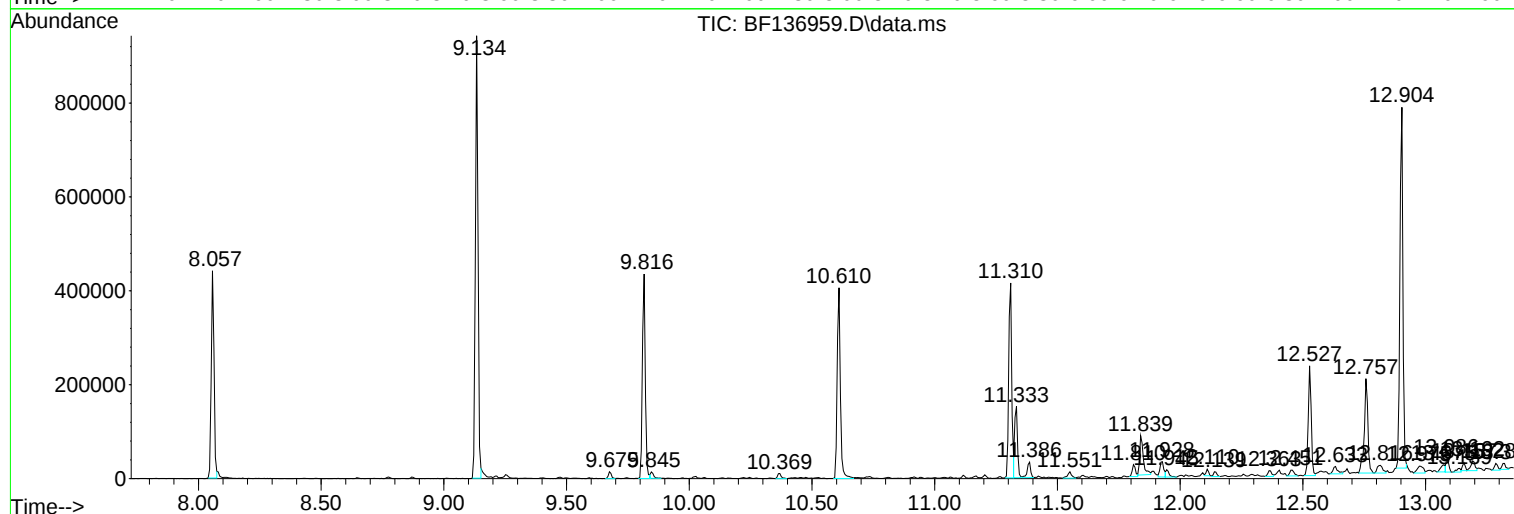
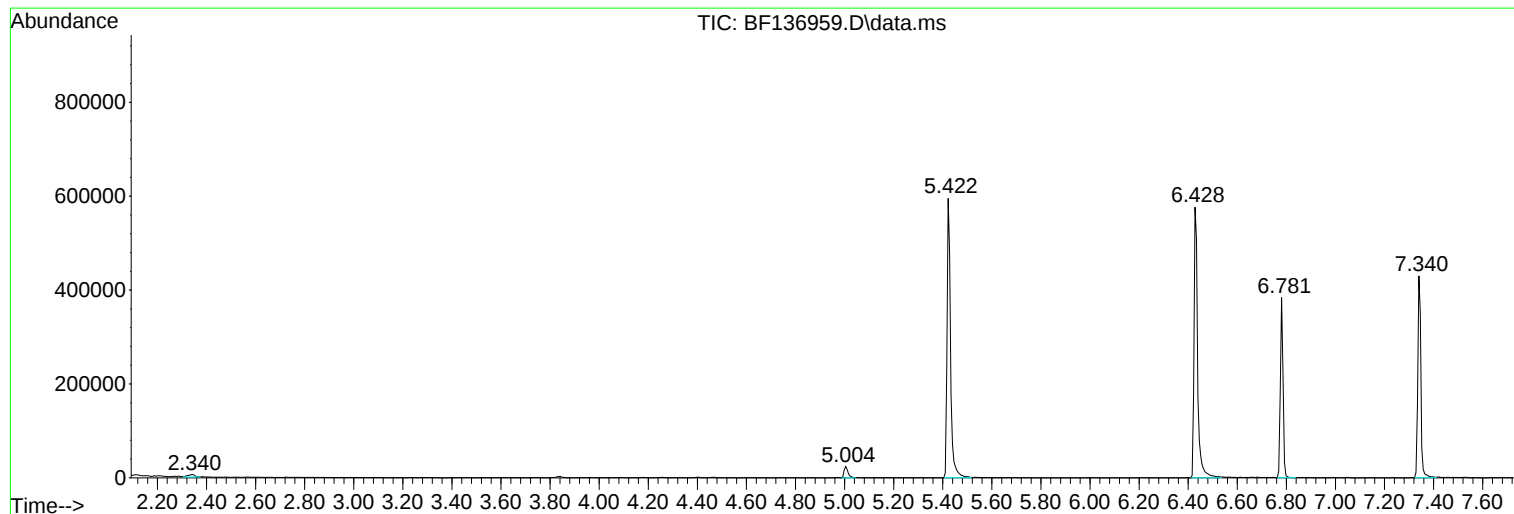
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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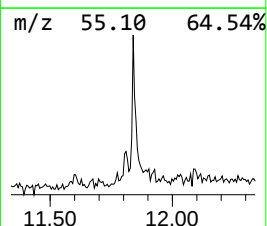
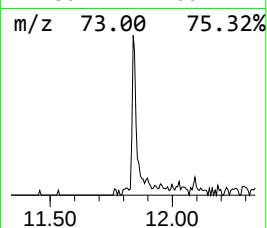
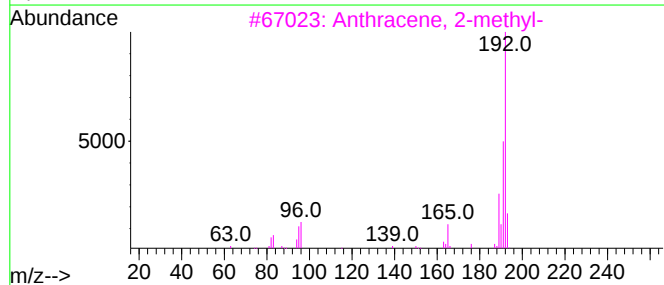
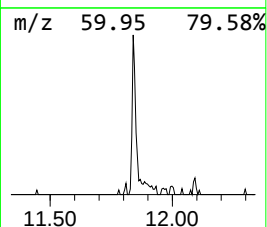
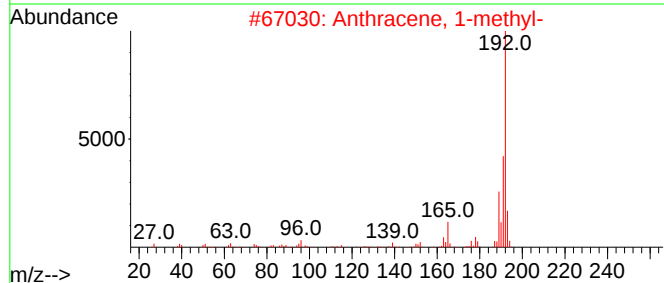
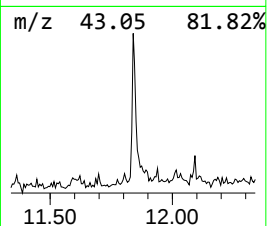
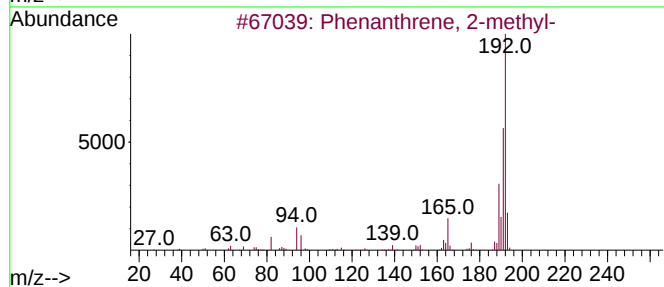
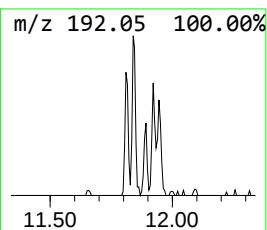
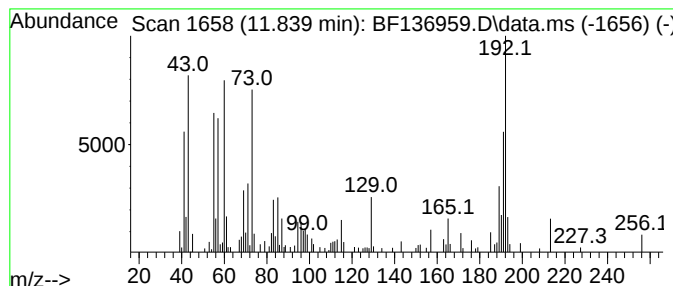
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	4.76 ng	85489	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55



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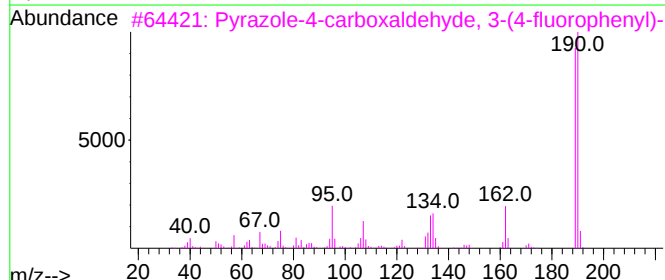
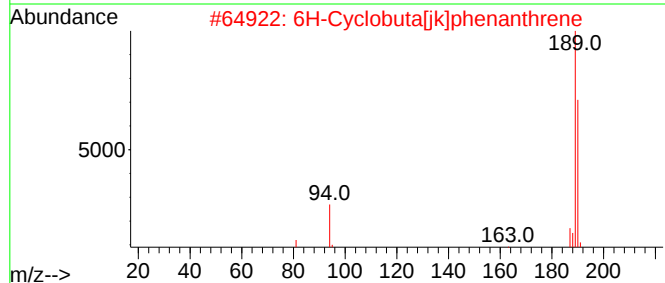
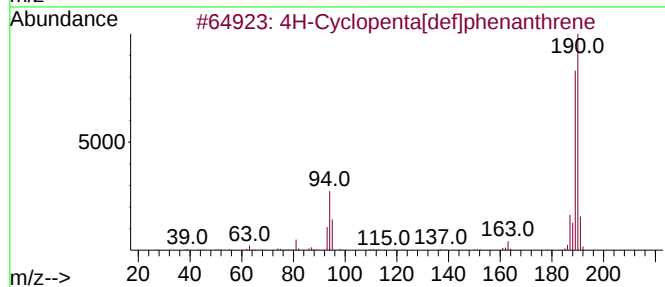
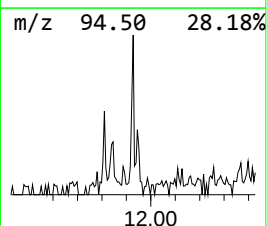
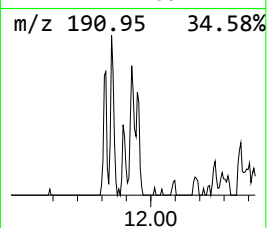
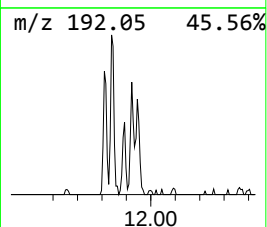
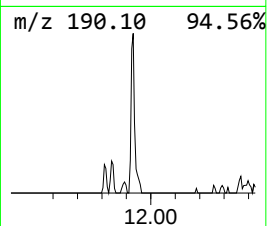
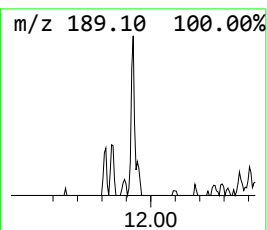
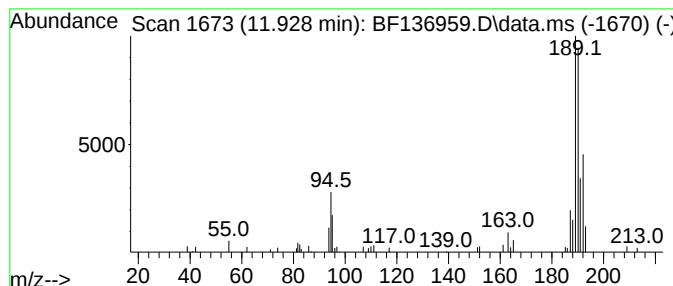
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	2.02 ng	36347	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3			Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	25
4			Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	22
5			4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	12



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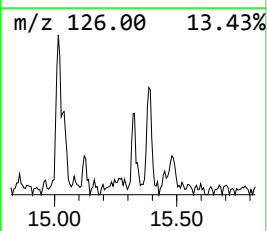
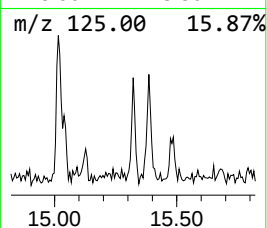
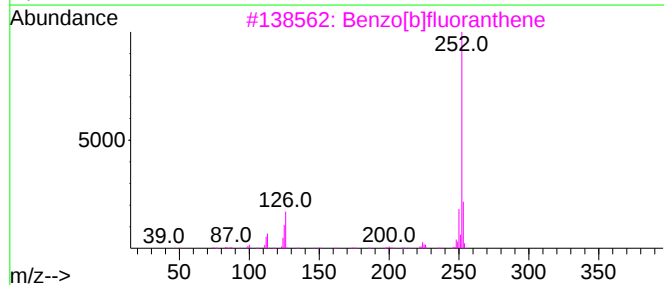
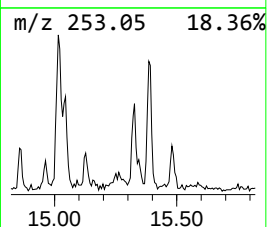
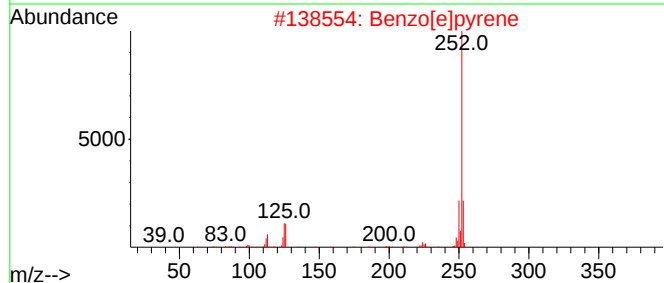
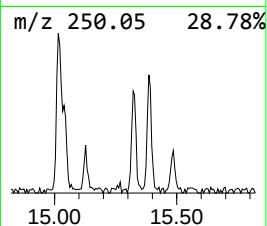
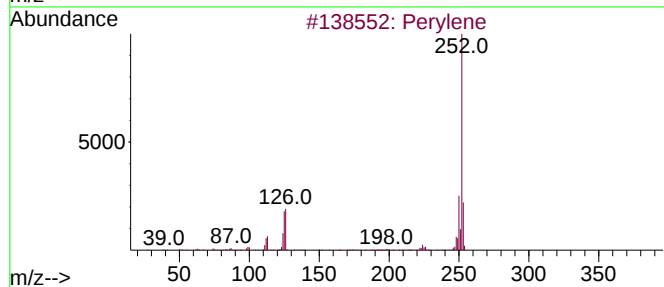
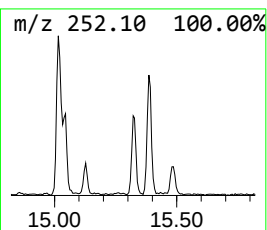
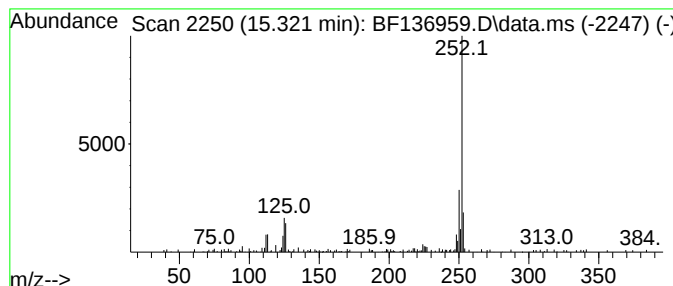
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	3.91 ng	64716	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	98
2			Benzo[e]pyrene	252	C20H12	000192-97-2	96
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



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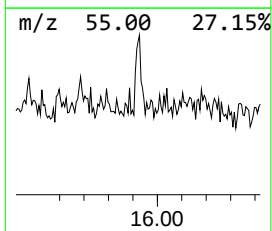
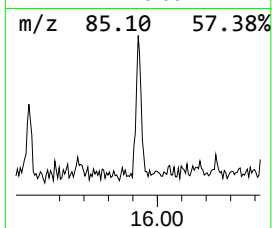
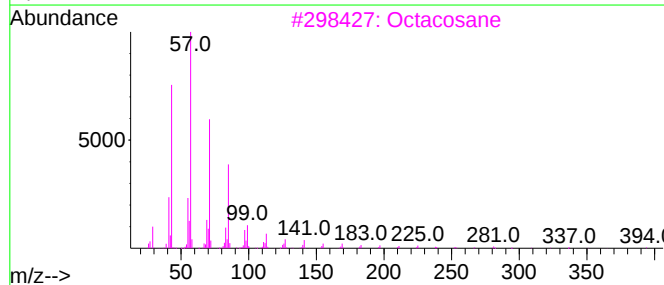
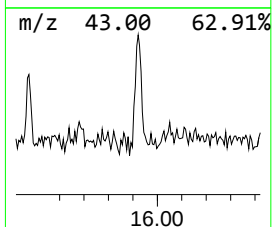
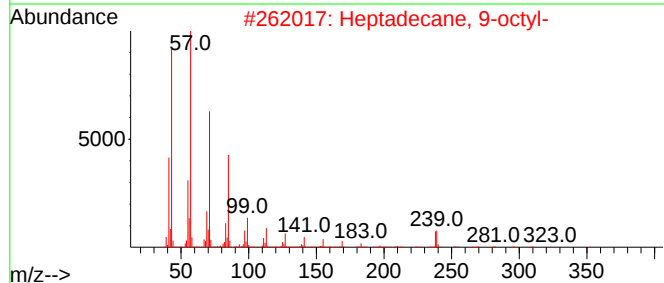
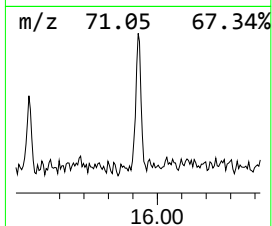
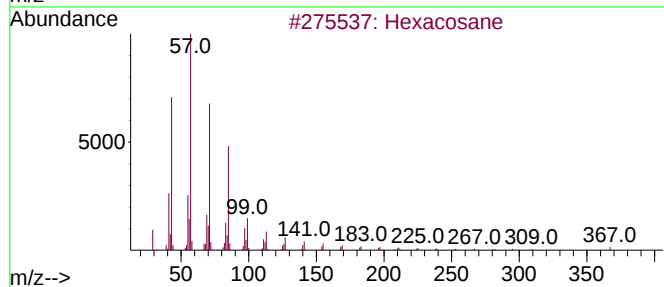
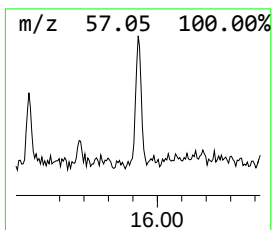
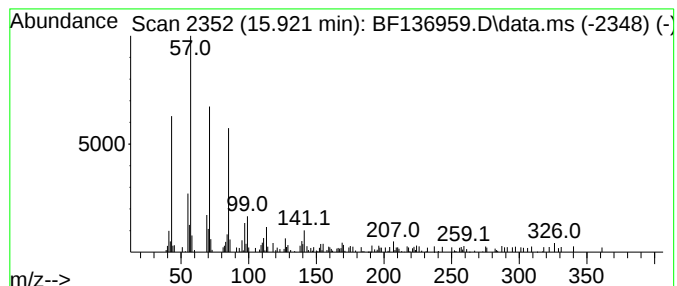
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TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.921	3.84 ng	63471	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	90
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3			Octacosane	394	C28H58	000630-02-4	87
4			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87
5			Octacosane, 2-methyl-	408	C29H60	001560-98-1	87



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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
Phenanthrene, 2...	11.839	4.8	ng	85489	4	11.310	359418	20.0
4H-Cyclopenta[d...	11.928	2.0	ng	36347	4	11.310	359418	20.0
Perylene	15.321	3.9	ng	64716	6	15.451	330959	20.0
Hexacosane	15.921	3.8	ng	63471	6	15.451	330959	20.0