

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
 Data File : BF135374.D
 Acq On : 21 Sep 2023 11:57
 Operator : CG\JU
 Sample : 04394-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPT-103-16

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-BF091123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135374.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.393	558	562	582	rBV	2506537	2604779	98.82%	11.133%
2	6.404	729	734	753	rBV	2379399	2635805	100.00%	11.266%
3	6.757	790	794	803	rBV	1065027	845341	32.07%	3.613%
4	7.322	885	890	893	rBV	1814354	1604967	60.89%	6.860%
5	8.034	1007	1011	1024	rBV	1235780	1103171	41.85%	4.715%
6	9.116	1190	1195	1198	rBV	2496505	2331676	88.46%	9.966%
7	9.234	1211	1215	1226	rVB	35682	49256	1.87%	0.211%
8	9.651	1283	1286	1291	rBV	49914	44533	1.69%	0.190%
9	9.792	1306	1310	1320	rVB	1250790	1092012	41.43%	4.667%
10	10.586	1441	1445	1462	rBV	1428994	1397725	53.03%	5.974%
11	10.704	1462	1465	1469	rVB3	24779	35798	1.36%	0.153%
12	11.286	1560	1564	1566	rBV	1098608	976687	37.05%	4.174%
13	11.310	1566	1568	1571	rVV	168166	140602	5.33%	0.601%
14	11.357	1571	1576	1580	rVB	56954	70056	2.66%	0.299%
15	11.580	1612	1614	1617	rBV	36387	27272	1.03%	0.117%
16	11.792	1646	1650	1652	rBV	38790	37229	1.41%	0.159%
17	11.822	1652	1655	1660	rVV	204183	217736	8.26%	0.931%
18	11.863	1660	1662	1665	rVB	29549	29446	1.12%	0.126%
19	11.898	1665	1668	1671	rBV	84009	87310	3.31%	0.373%
20	12.339	1740	1743	1746	rBV	41479	43806	1.66%	0.187%
21	12.380	1746	1750	1752	rVV	41078	46100	1.75%	0.197%
22	12.433	1755	1759	1766	rVB2	53834	61974	2.35%	0.265%
23	12.504	1767	1771	1775	rBV	797738	674948	25.61%	2.885%
24	12.604	1785	1788	1793	rBV2	74582	104328	3.96%	0.446%
25	12.657	1793	1797	1800	rVV	38218	53577	2.03%	0.229%
26	12.733	1803	1810	1816	rVV	751991	768754	29.17%	3.286%
27	12.786	1816	1819	1823	rVB3	38057	48488	1.84%	0.207%
28	12.880	1831	1835	1838	rBV	1766131	1480545	56.17%	6.328%
29	12.951	1843	1847	1852	rBV3	44740	81735	3.10%	0.349%
30	13.039	1859	1862	1864	rBV3	42358	50755	1.93%	0.217%
31	13.063	1864	1866	1869	rVB	72283	69488	2.64%	0.297%
32	13.110	1869	1874	1876	rBV2	24935	37273	1.41%	0.159%
33	13.169	1881	1884	1888	rVV2	72558	73125	2.77%	0.313%
34	13.263	1897	1900	1903	rBV	37375	31914	1.21%	0.136%
35	13.292	1903	1905	1910	rVV2	34474	35920	1.36%	0.154%
36	13.369	1913	1918	1925	rBV	353540	370556	14.06%	1.584%

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37	13.457	1928	1933	1937	rBV4	43130	75919	2.88%	0.324%
38	13.580	1951	1954	1957	rBV	53363	46478	1.76%	0.199%
39	13.686	1969	1972	1975	rBV	46242	51580	1.96%	0.220%
40	13.716	1975	1977	1979	rVV	58701	51944	1.97%	0.222%
41	13.739	1979	1981	1983	rVV	54340	55028	2.09%	0.235%
42	13.792	1987	1990	1994	rVB	76831	75584	2.87%	0.323%
43	13.939	2007	2015	2018	rVV2	934819	1174775	44.57%	5.021%
44	13.969	2018	2020	2023	rVB	292408	226029	8.58%	0.966%
45	14.045	2030	2033	2036	rVB	48667	40613	1.54%	0.174%
46	14.098	2039	2042	2043	rBV	33811	38319	1.45%	0.164%
47	14.333	2080	2082	2085	rVB	59541	52134	1.98%	0.223%
48	14.416	2093	2096	2100	rVB2	38613	48341	1.83%	0.207%
49	14.457	2100	2103	2105	rBV	30827	28782	1.09%	0.123%
50	14.821	2162	2165	2170	rVB2	28319	31879	1.21%	0.136%
51	14.980	2188	2192	2195	rBV	269285	386957	14.68%	1.654%
52	15.057	2202	2205	2208	rBV2	31888	32987	1.25%	0.141%
53	15.092	2208	2211	2215	rVB	54811	62094	2.36%	0.265%
54	15.280	2239	2243	2250	rVB	151429	193235	7.33%	0.826%
55	15.345	2250	2254	2259	rVB	238770	281957	10.70%	1.205%
56	15.410	2260	2265	2268	rBV	550487	699097	26.52%	2.988%
57	15.439	2268	2270	2276	rVB2	79139	97341	3.69%	0.416%
58	16.886	2510	2516	2525	rVB2	76727	174803	6.63%	0.747%
59	17.333	2588	2592	2600	rVB2	50534	106293	4.03%	0.454%

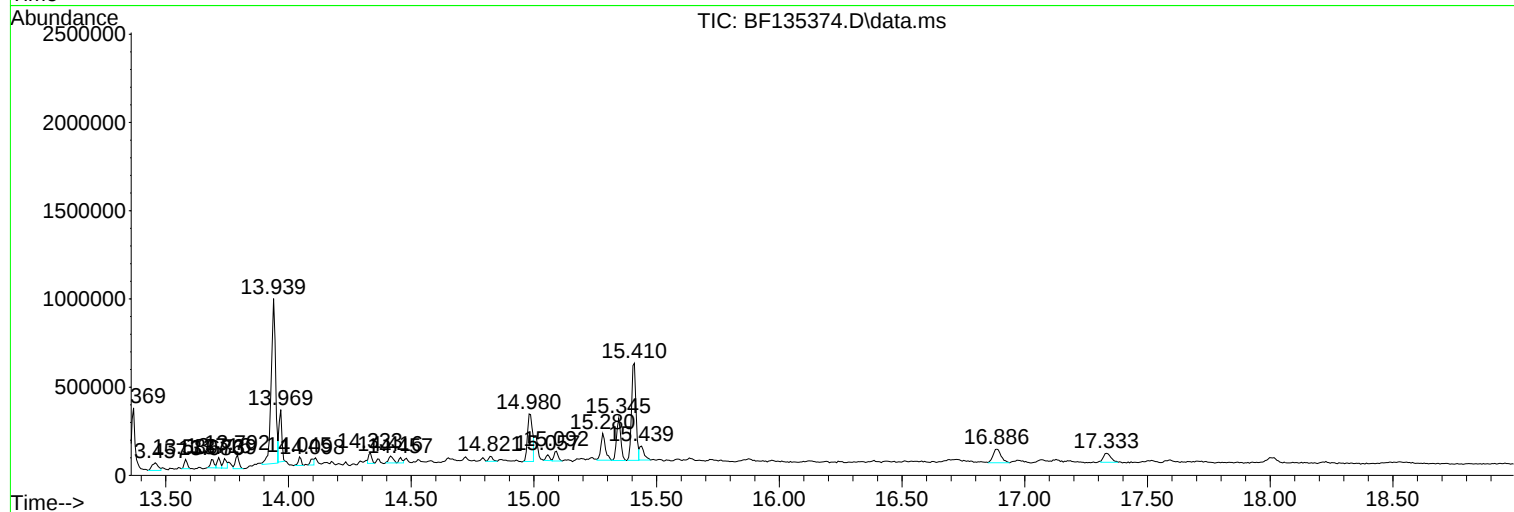
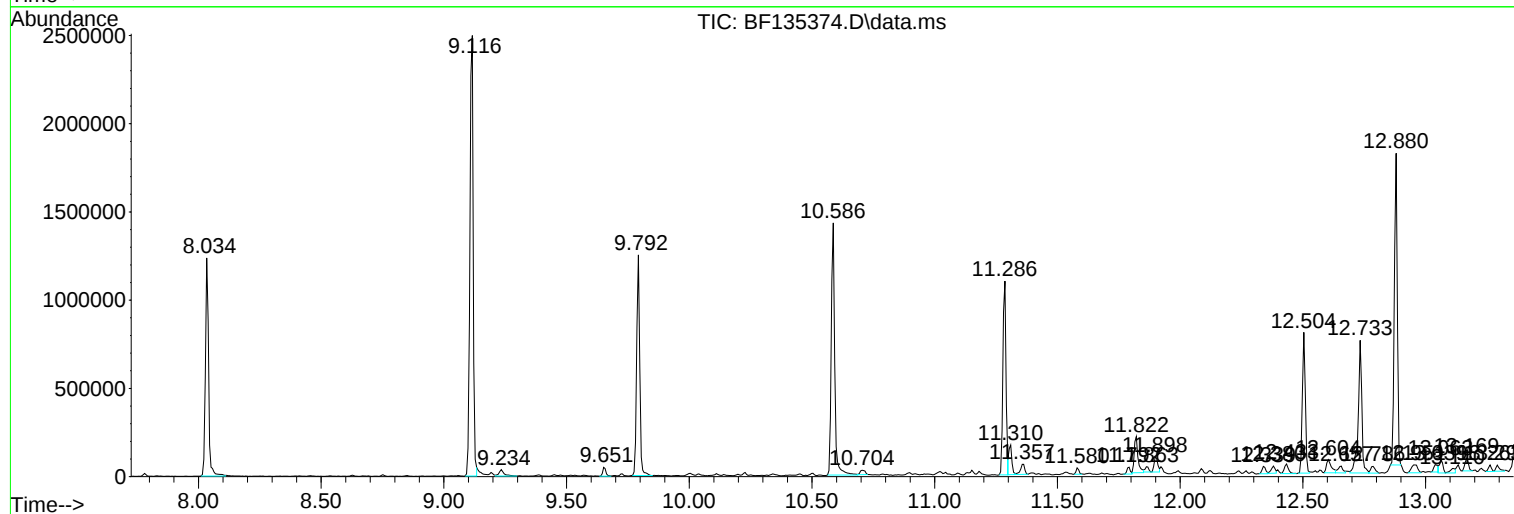
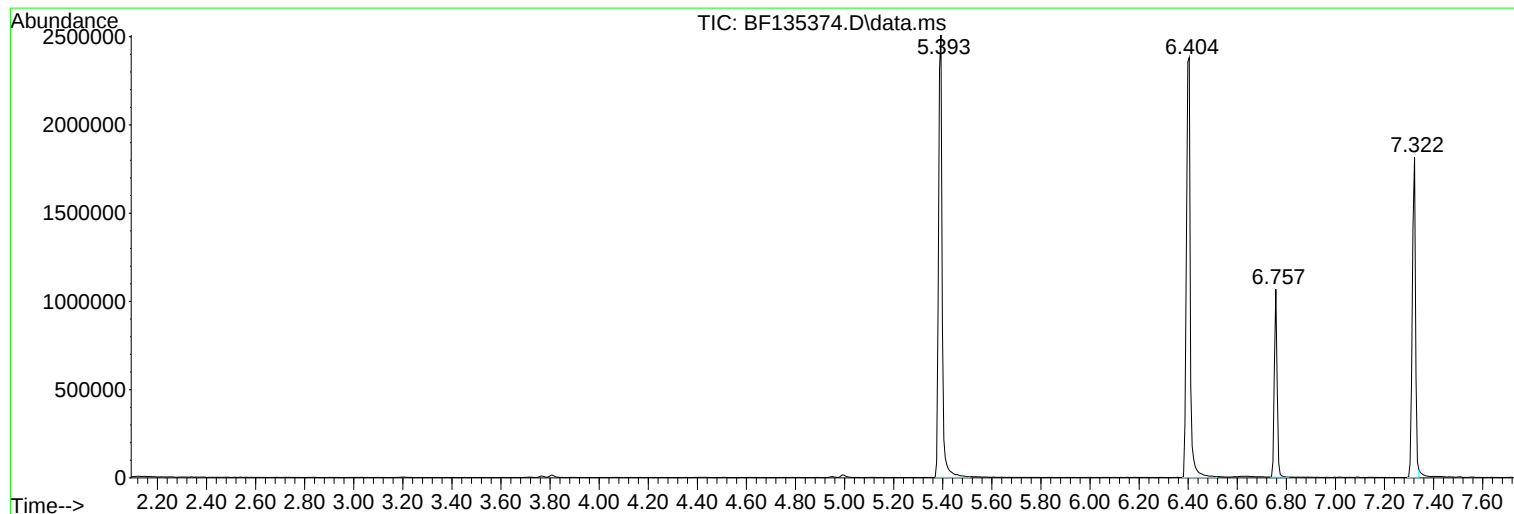
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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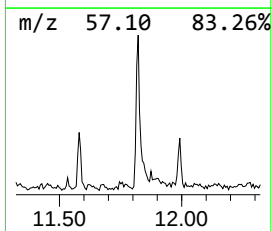
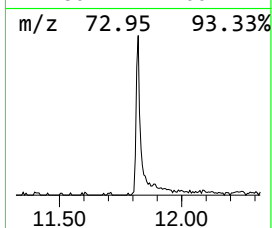
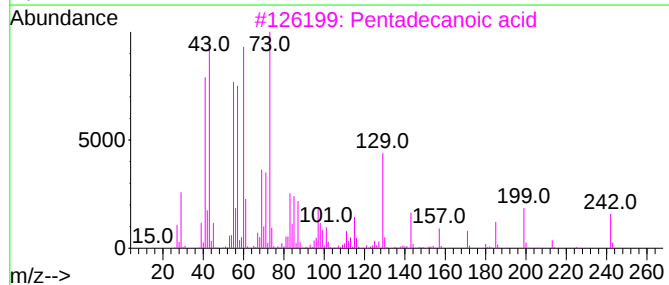
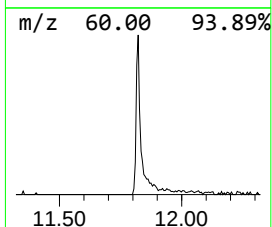
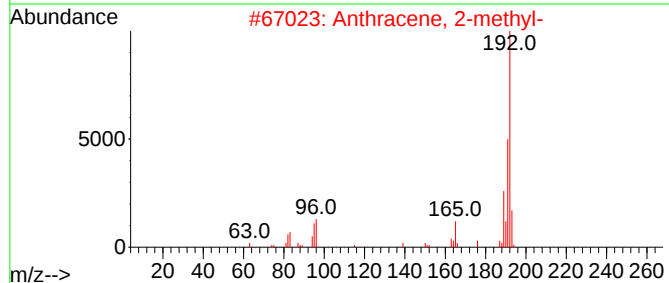
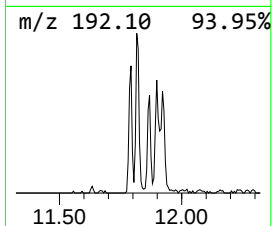
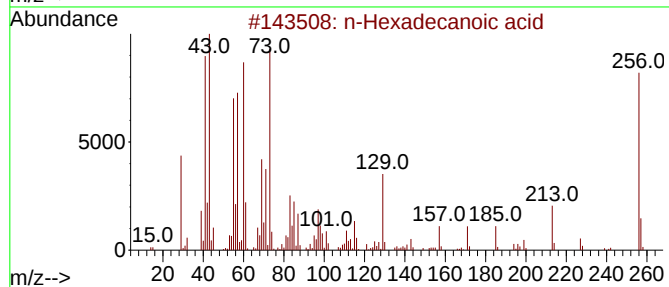
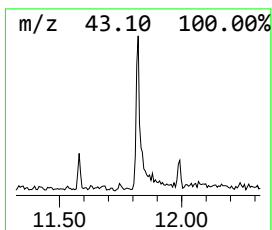
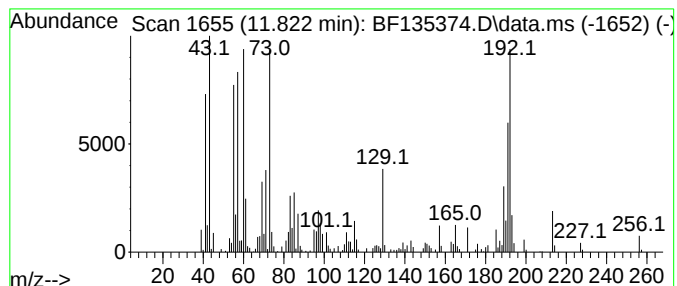
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	4.46 ng	217736	Phenanthrene-d10	11.286

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	68
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64



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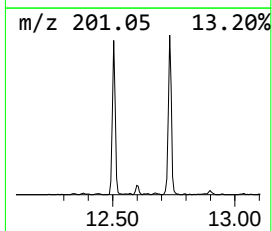
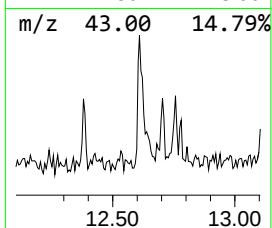
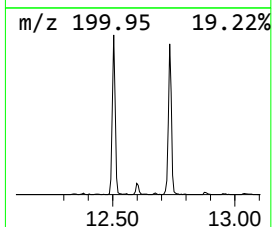
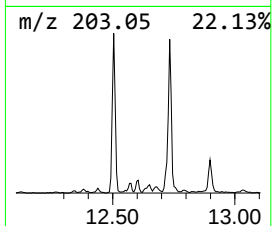
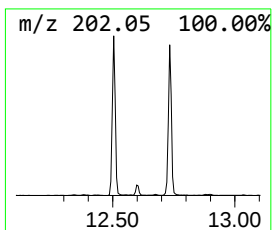
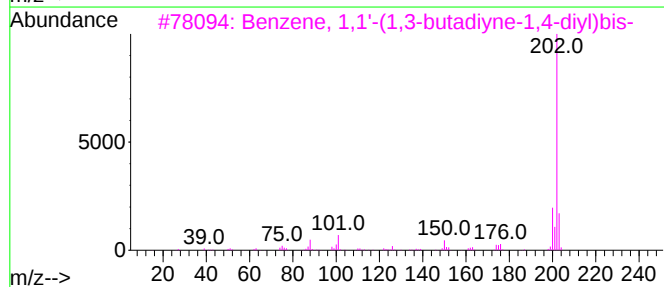
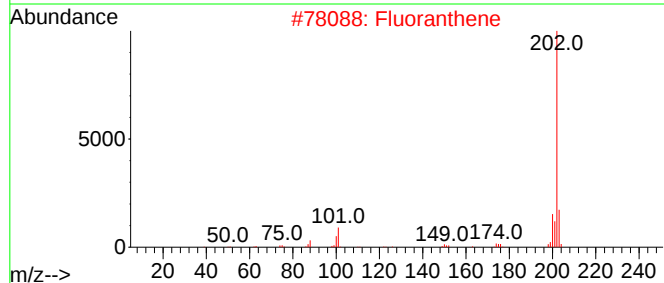
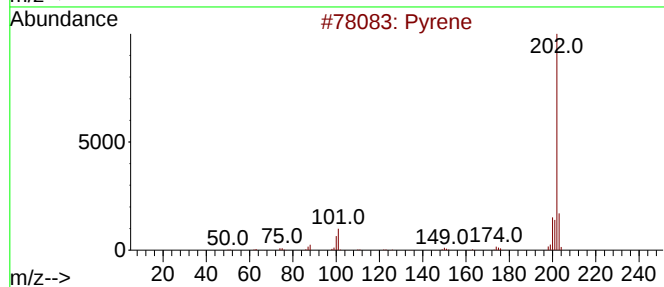
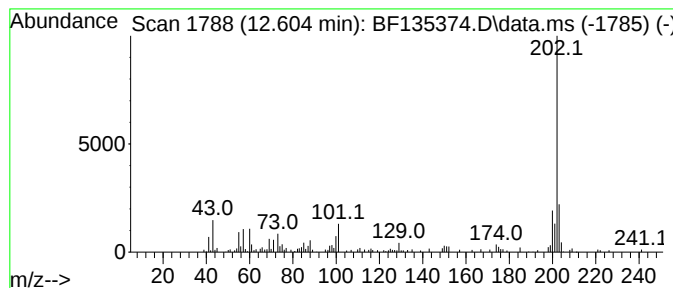
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.604	2.14 ng	104328	Phenanthrene-d10		11.286	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pyrene		202	C16H10	000129-00-0	81
2	Fluoranthene		202	C16H10	000206-44-0	81
3	Benzene, 1,1'-(1,3-butadiyne-1,4...		202	C16H10	000886-66-8	68
4	1,4-Pentadiyn-3-one, 1,5-diphenyl-		230	C17H10O	015814-30-9	64
5	Trichoclin		286	C16H14O5	065853-14-7	40



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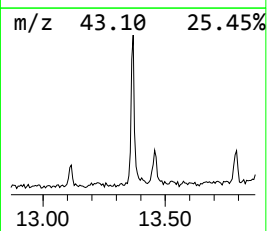
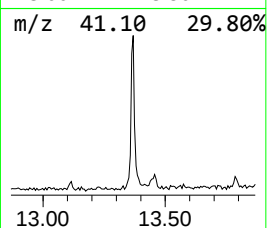
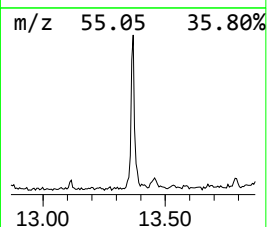
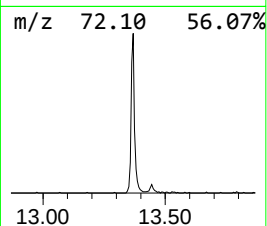
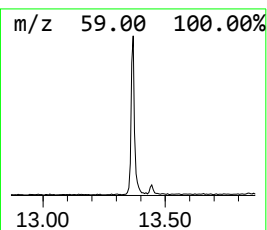
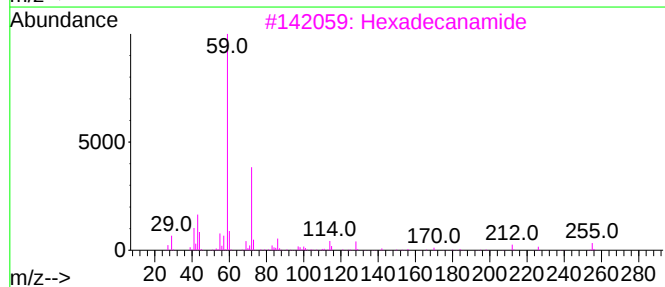
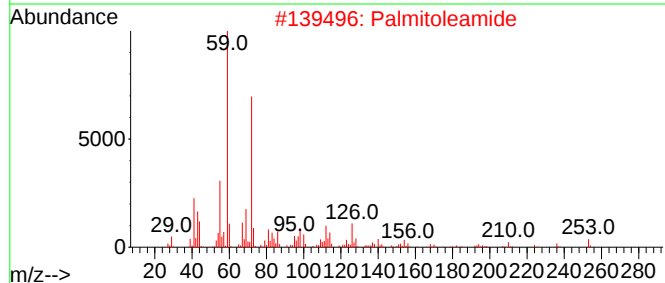
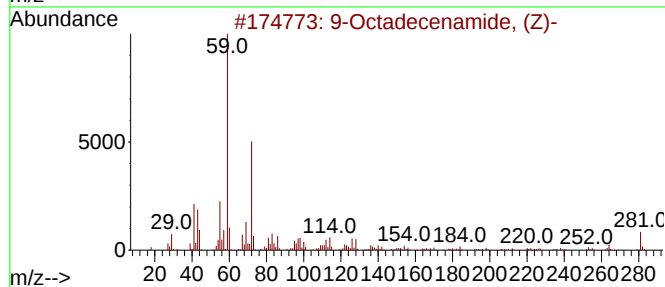
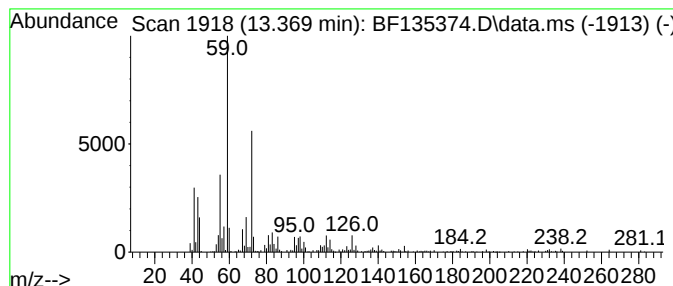
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.369	6.31 ng	370556	Chrysene-d12	13.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
2			Palmitoleamide	253	C16H31NO	106010-22-4	86
3			Hexadecanamide	255	C16H33NO	000629-54-9	59
4			Nonanamide	157	C9H19NO	001120-07-6	53
5			2,2-Dimethyl-tetrahydro-[1,3]dio...	190	C8H14O5	1000194-40-4	47



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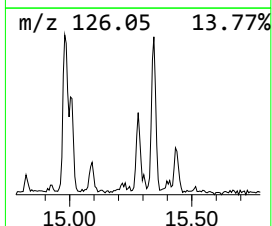
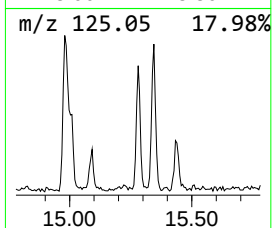
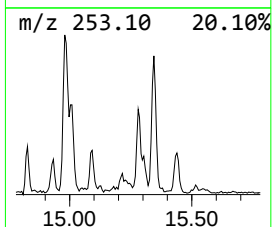
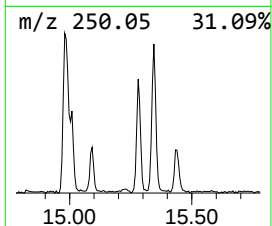
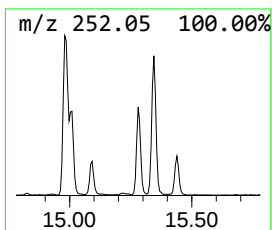
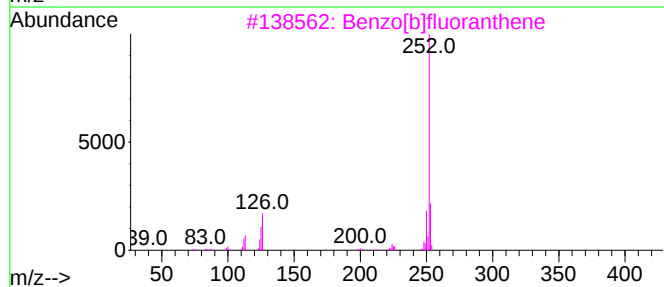
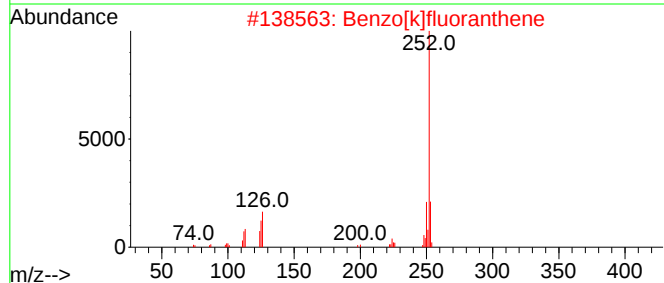
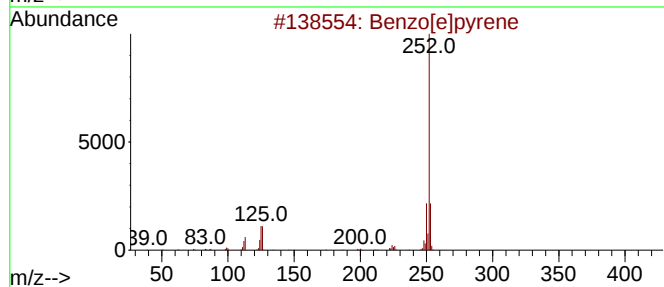
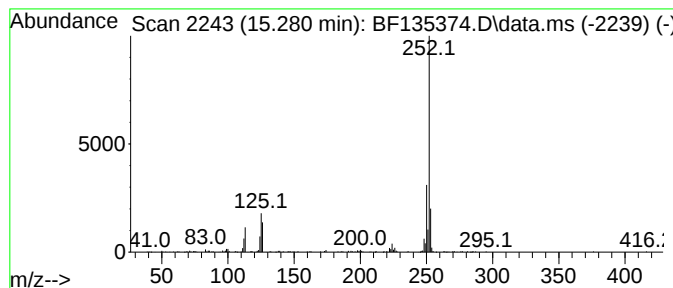
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.280	5.53 ng	193235	Perylene-d12	15.410

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	93
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4			Perylene	252	C20H12	000198-55-0	89
5			Benzo[a]pyrene	252	C20H12	000050-32-8	89



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.822	4.5	ng	217736	4	11.286	976687	20.0
Benzene, 1,1'-(...	12.604	2.1	ng	104328	4	11.286	976687	20.0
9-Octadecenamid...	13.369	6.3	ng	370556	5	13.939	1174780	20.0
Benzo[e]pyrene	15.280	5.5	ng	193235	6	15.410	699097	20.0