

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133079.D
 Acq On : 26 Apr 2023 22:34
 Operator : CG\JU
 Sample : 02427-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230351-COMP-29

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-BF042123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133079.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.922	478	482	488	rVB	40256	53363	1.66%	0.170%
2	5.339	548	553	556	rBV	3252073	3076240	95.64%	9.774%
3	6.369	723	728	731	rBV	3268114	3172914	98.64%	10.081%
4	6.734	786	790	793	rBV	1280486	1009015	31.37%	3.206%
5	6.916	817	821	824	rVB	177068	139798	4.35%	0.444%
6	7.298	881	886	889	rBV	2208721	1925599	59.86%	6.118%
7	8.016	1004	1008	1010	rBV	1654884	1420973	44.18%	4.515%
8	8.039	1010	1012	1015	rVV	1697350	1174297	36.51%	3.731%
9	8.086	1017	1020	1024	rVB	110228	87591	2.72%	0.278%
10	8.728	1126	1129	1133	rVB	174830	128002	3.98%	0.407%
11	8.780	1133	1138	1141	rBV	68830	59697	1.86%	0.190%
12	8.828	1143	1146	1149	rVB	140413	101140	3.14%	0.321%
13	9.092	1187	1191	1194	rBV	4039196	3216598	100.00%	10.220%
14	9.192	1200	1208	1211	rBV	65043	68262	2.12%	0.217%
15	9.427	1241	1248	1251	rBV	35960	41598	1.29%	0.132%
16	9.769	1300	1306	1309	rBV	2125252	1620982	50.39%	5.150%
17	9.798	1309	1311	1315	rVB	640830	496447	15.43%	1.577%
18	9.969	1337	1340	1344	rBV	231913	183737	5.71%	0.584%
19	10.310	1395	1398	1402	rBV	251516	217663	6.77%	0.692%
20	10.480	1423	1427	1430	rVB2	174494	158181	4.92%	0.503%
21	10.557	1435	1440	1443	rBV	2324696	2144796	66.68%	6.814%
22	11.145	1537	1540	1547	rVB	65911	76755	2.39%	0.244%
23	11.251	1554	1558	1560	rBV	1960836	1688845	52.50%	5.366%
24	11.274	1560	1562	1565	rVV	938697	717238	22.30%	2.279%
25	11.321	1565	1570	1573	rVB	194760	159511	4.96%	0.507%
26	11.474	1594	1596	1599	rVB	89614	76579	2.38%	0.243%
27	11.786	1645	1649	1653	rBV2	254878	268234	8.34%	0.852%
28	11.863	1658	1662	1664	rBV	154968	142254	4.42%	0.452%
29	12.045	1690	1693	1696	rBV	61330	54503	1.69%	0.173%
30	12.457	1760	1763	1767	rBV	829174	679188	21.12%	2.158%
31	12.686	1796	1802	1805	rBV	600950	626876	19.49%	1.992%
32	12.745	1810	1812	1816	rVB3	44653	40652	1.26%	0.129%
33	12.839	1824	1828	1831	rBV	3298061	3038296	94.46%	9.653%
34	12.910	1835	1840	1842	rBV2	28370	40415	1.26%	0.128%
35	13.015	1855	1858	1862	rVB	113683	101818	3.17%	0.323%
36	13.080	1866	1869	1872	rBV	135843	113162	3.52%	0.360%

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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 >
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.421	1924	1927	1930	rBV2	50897	48289	1.50%	0.153%
38	13.751	1980	1983	1986	rBV	43603	44289	1.38%	0.141%
39	13.804	1988	1992	1997	rVV7	46280	104733	3.26%	0.333%
40	13.880	2000	2005	2008	rVV	1293881	1356021	42.16%	4.308%
41	13.904	2008	2009	2015	rVB	147888	135116	4.20%	0.429%
42	13.986	2020	2023	2027	rVB	42678	39222	1.22%	0.125%
43	14.374	2085	2089	2091	rBV3	35819	39359	1.22%	0.125%
44	14.898	2174	2178	2188	rVV	73360	149200	4.64%	0.474%
45	14.998	2191	2195	2198	rVB4	44571	52772	1.64%	0.168%
46	15.180	2223	2226	2232	rVB	48634	62844	1.95%	0.200%
47	15.239	2232	2236	2239	rBV	65510	72148	2.24%	0.229%
48	15.304	2242	2247	2253	rVV	918010	1049007	32.61%	3.333%

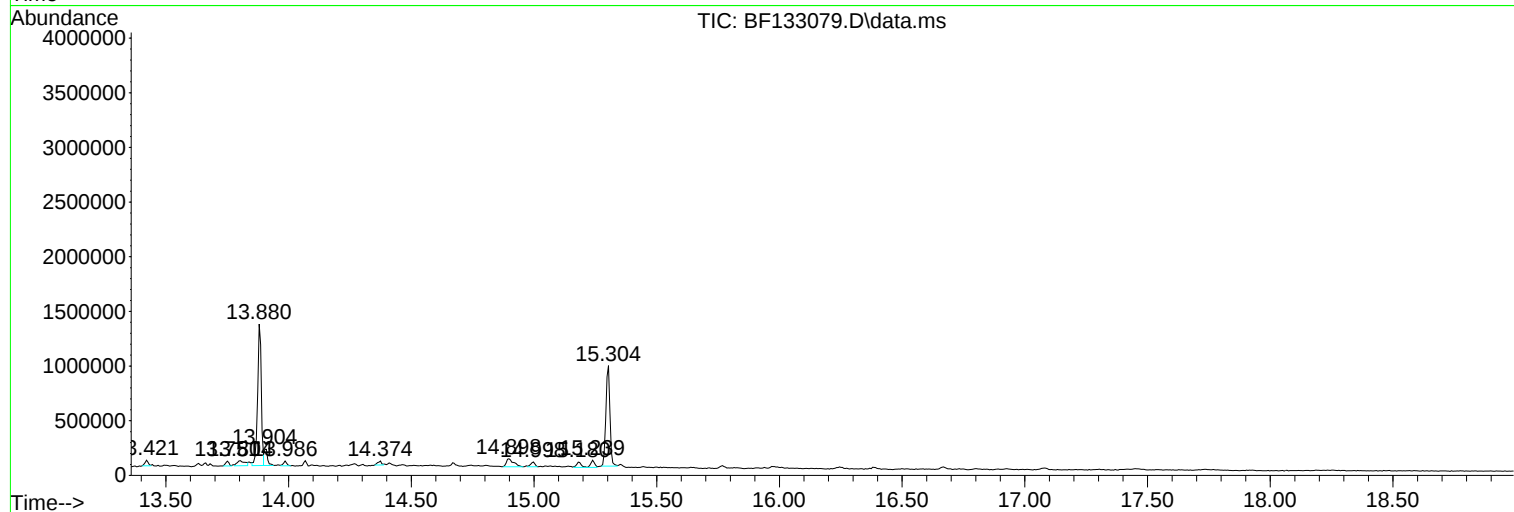
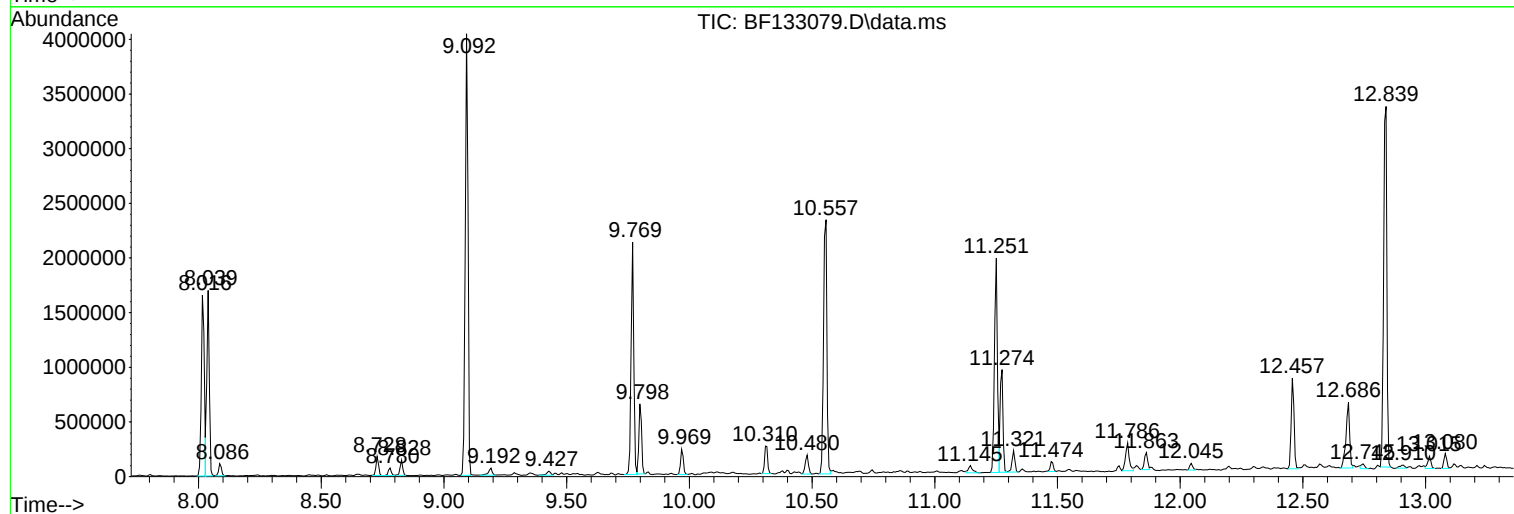
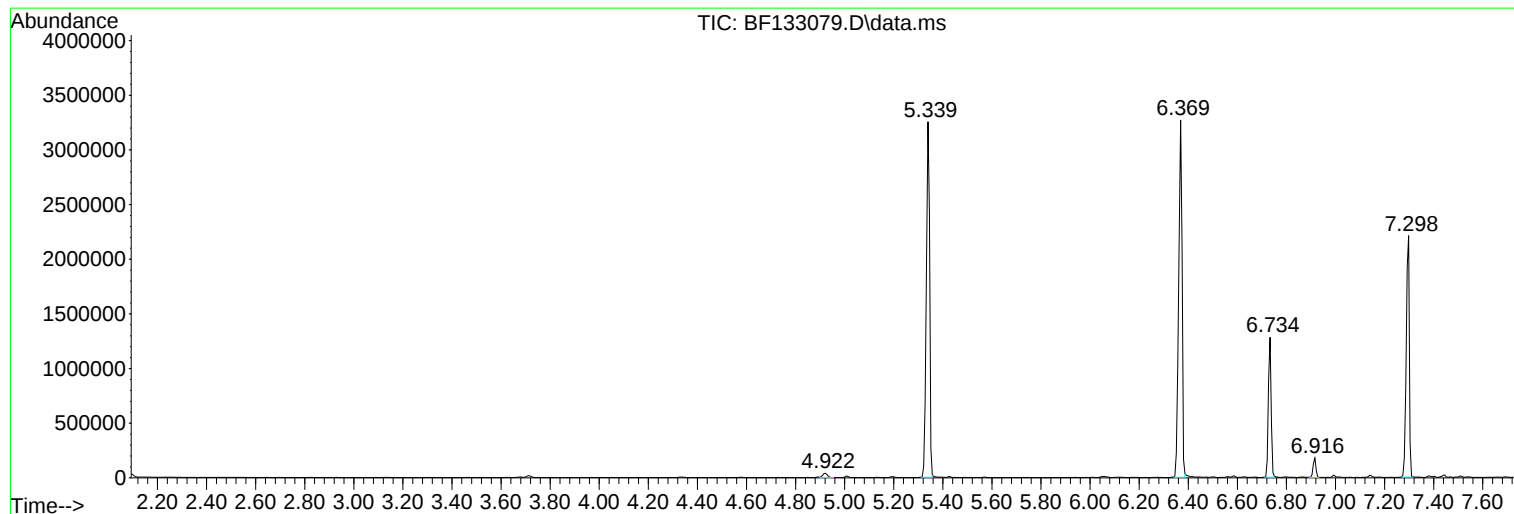
Sum of corrected areas: 31474219

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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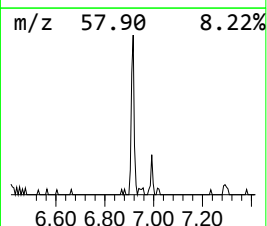
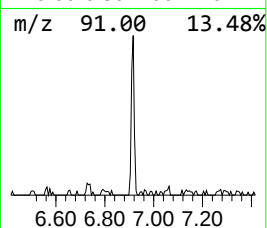
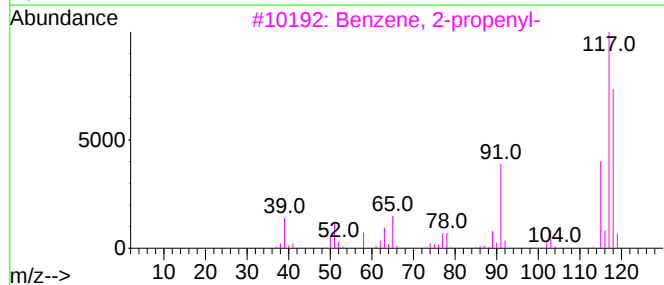
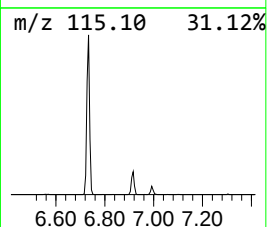
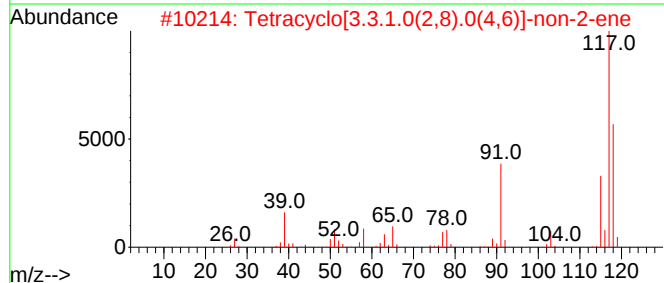
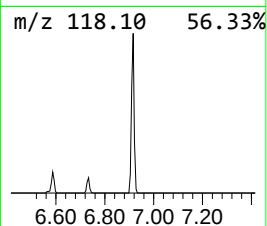
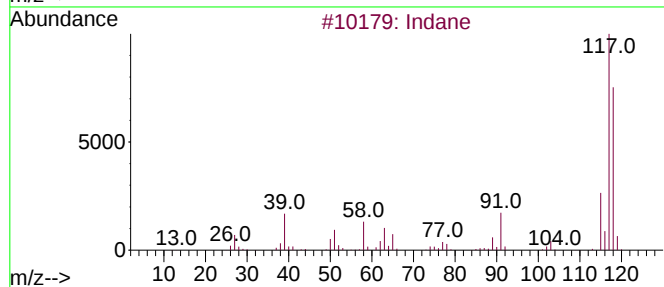
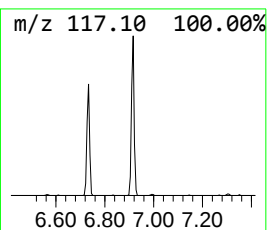
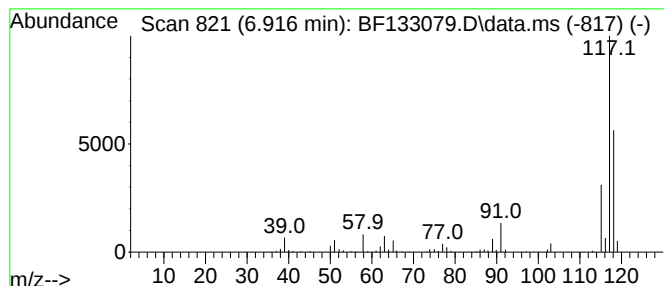
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.916	2.77 ng	139798	1,4-Dichlorobenzene-d4	6.734

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	92
2			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	87
3			Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
4			Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
5			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	59



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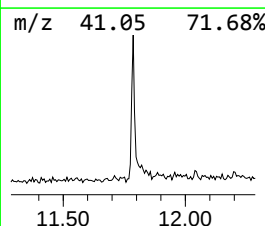
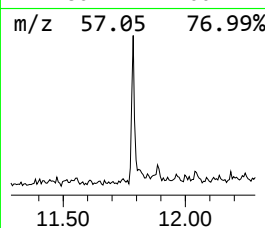
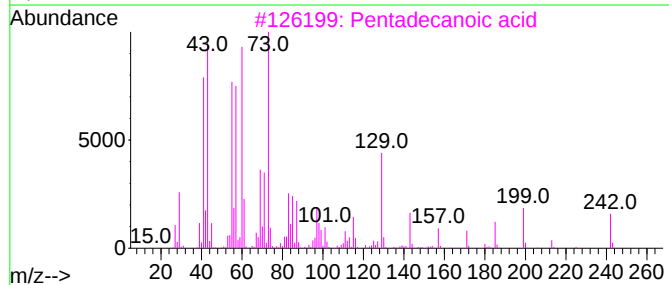
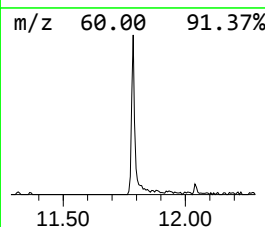
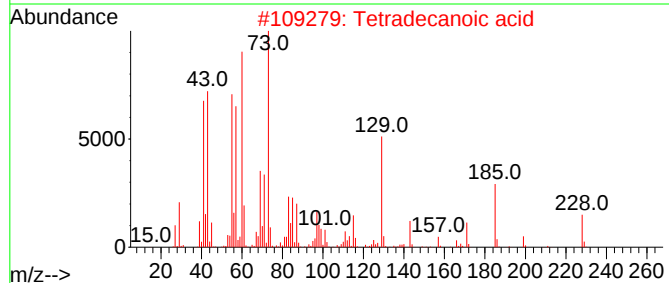
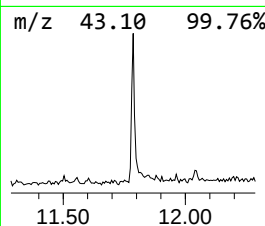
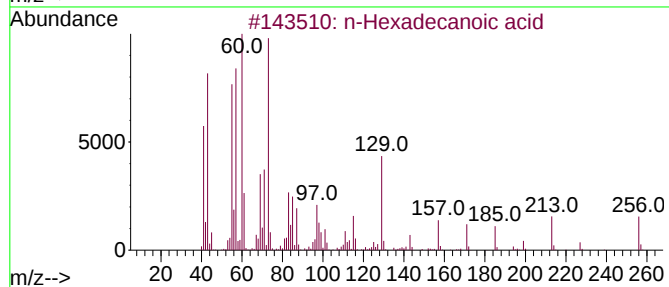
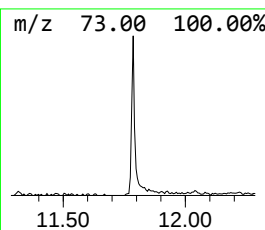
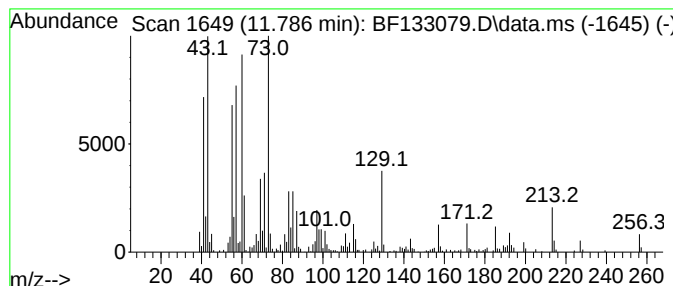
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.786	3.18 ng	268234	Phenanthrene-d10	11.251

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4			Tridecanoic acid	214	C13H26O2	000638-53-9	89
5			n-Decanoic acid	172	C10H20O2	000334-48-5	60



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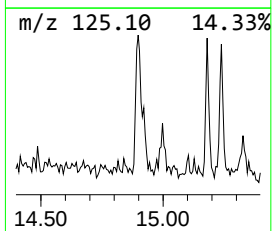
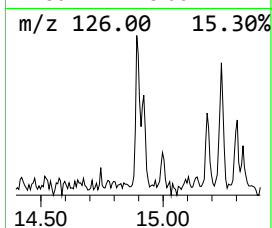
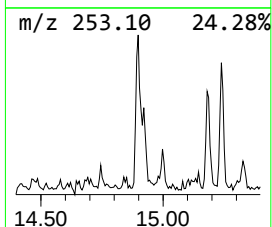
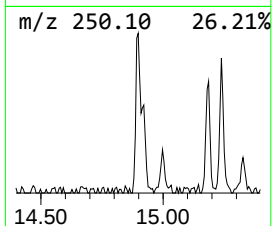
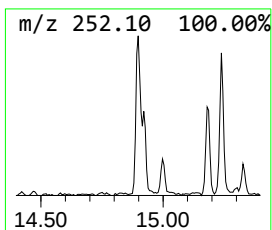
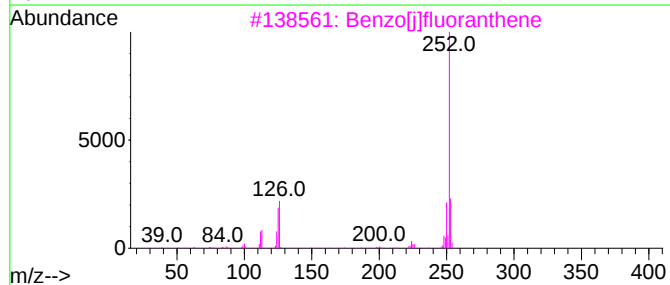
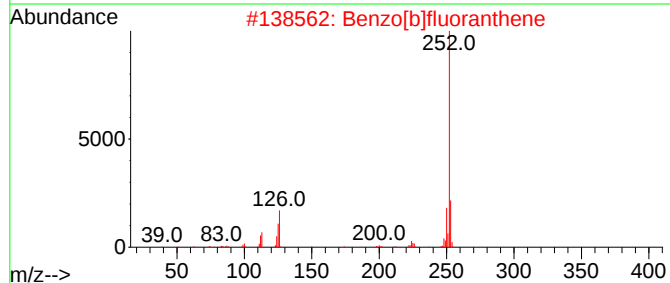
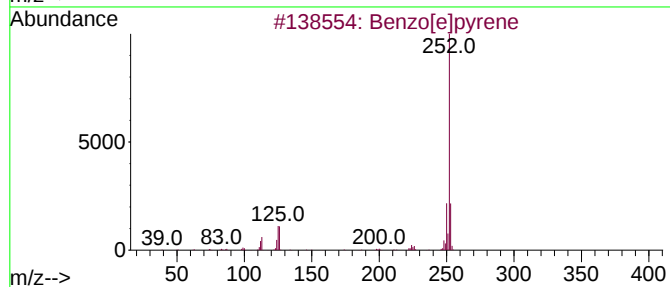
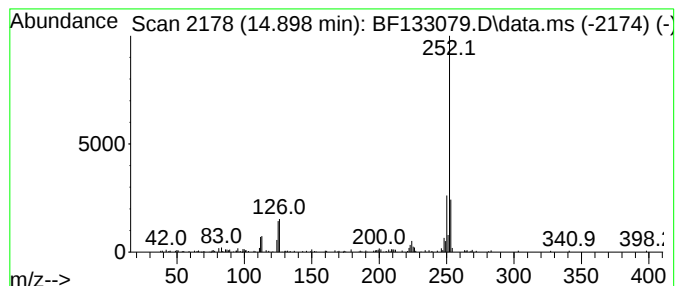
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.898	2.84 ng	149200	Perylene-d12	15.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	97
3			Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



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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
Indane	6.916	2.8	ng	139798	1	6.734	1009020	20.0
n-Hexadecanoic ...	11.786	3.2	ng	268234	4	11.251	1688850	20.0
Benzo[e]pyrene	14.898	2.8	ng	149200	6	15.304	1049010	20.0