

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
 Data File : BF144002.D
 Acq On : 20 Oct 2025 16:56
 Operator : RC/JU
 Sample : Q3374-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-WC

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-BF100625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144002.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.104	491	495	505	rVB	21136	36740	1.73%	0.186%
2	5.498	556	562	583	rBV	1464285	2004282	94.42%	10.167%
3	6.498	726	732	754	rBV	1495624	2122821	100.00%	10.768%
4	6.881	792	797	802	rBV	526576	655778	30.89%	3.326%
5	7.440	886	892	902	rBV	940906	1240047	58.42%	6.290%
6	8.163	1009	1015	1031	rVB	649078	870756	41.02%	4.417%
7	9.239	1192	1198	1208	rBV	1387173	1853039	87.29%	9.400%
8	9.781	1286	1290	1295	rBV	40843	50247	2.37%	0.255%
9	9.922	1308	1314	1329	rVB	704993	939113	44.24%	4.764%
10	10.633	1430	1435	1442	rBV	215613	274804	12.95%	1.394%
11	10.710	1442	1448	1464	rVV	875737	1200648	56.56%	6.090%
12	10.945	1479	1488	1495	rBV	36347	52005	2.45%	0.264%
13	11.410	1562	1567	1575	rBV2	729294	1036933	48.85%	5.260%
14	11.486	1575	1580	1584	rVB	45962	62468	2.94%	0.317%
15	11.939	1649	1657	1663	rBV2	125598	236879	11.16%	1.202%
16	12.028	1668	1672	1682	rVB2	50526	93855	4.42%	0.476%
17	12.210	1696	1703	1706	rBV3	15801	27745	1.31%	0.141%
18	12.551	1757	1761	1769	rVB	25580	39432	1.86%	0.200%
19	12.627	1769	1774	1779	rBV	297001	383433	18.06%	1.945%
20	12.722	1787	1790	1794	rBV	24934	30057	1.42%	0.152%
21	12.857	1806	1813	1819	rVV	263541	371139	17.48%	1.883%
22	12.998	1830	1837	1845	rBV	1304111	1703816	80.26%	8.643%
23	13.074	1845	1850	1857	rVB3	29296	52884	2.49%	0.268%
24	13.186	1861	1869	1873	rVB	61121	120195	5.66%	0.610%
25	13.251	1873	1880	1883	rBV	53331	75733	3.57%	0.384%
26	13.286	1883	1886	1893	rVB2	36531	55338	2.61%	0.281%
27	13.480	1915	1919	1926	rBV2	34732	50437	2.38%	0.256%
28	13.586	1930	1937	1944	rBV8	13264	41940	1.98%	0.213%
29	13.810	1971	1975	1977	rBV2	23261	31985	1.51%	0.162%
30	13.910	1988	1992	2001	rVB4	44172	88655	4.18%	0.450%
31	14.057	2010	2017	2030	rBV2	622265	1213332	57.16%	6.155%
32	14.204	2039	2042	2048	rVV2	23423	38369	1.81%	0.195%
33	14.445	2075	2083	2087	rVV	44972	91668	4.32%	0.465%
34	14.539	2093	2099	2102	rBV4	30164	57835	2.72%	0.293%
35	15.110	2190	2196	2205	rBV	245664	588089	27.70%	2.983%
36	15.216	2210	2214	2219	rVB	52543	78263	3.69%	0.397%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.416	2243	2248	2253	rVB	124325	187394	8.83%	0.951%
38	15.480	2253	2259	2264	rVV	201671	310635	14.63%	1.576%
39	15.545	2264	2270	2282	rVB	456216	847247	39.91%	4.298%
40	16.115	2363	2367	2372	rVB2	21229	32471	1.53%	0.165%
41	17.039	2517	2524	2533	rVB2	108220	249776	11.77%	1.267%
42	17.492	2594	2601	2612	rBV	75236	177189	8.35%	0.899%
43	17.739	2638	2643	2652	rVB3	16751	38696	1.82%	0.196%

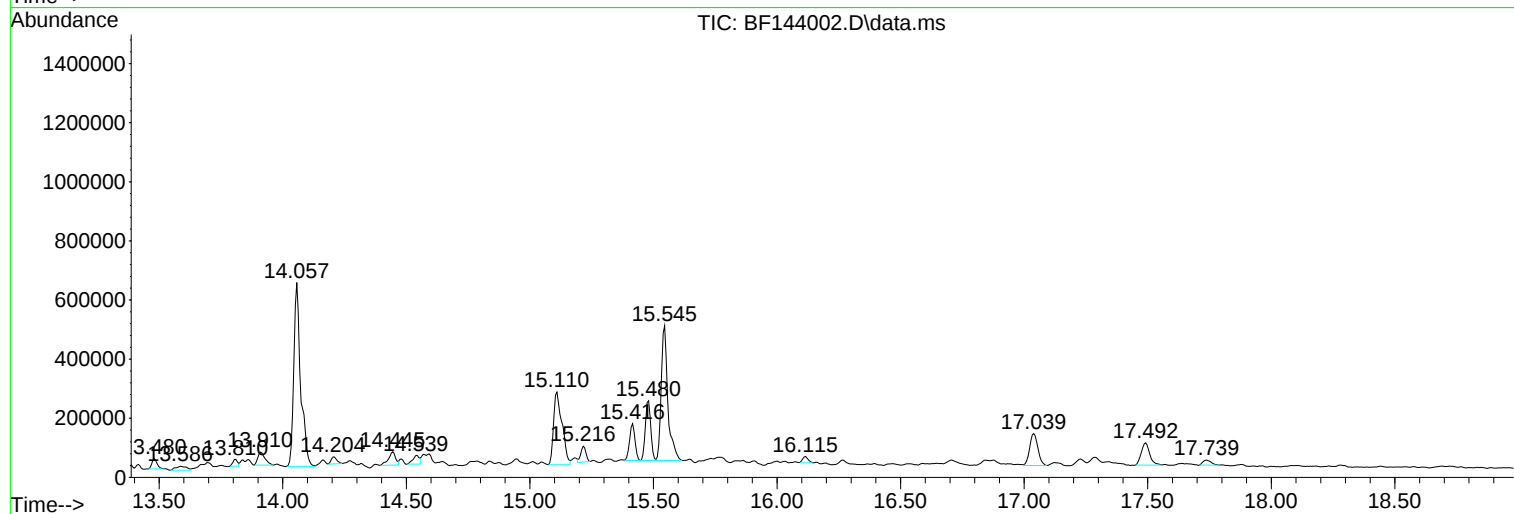
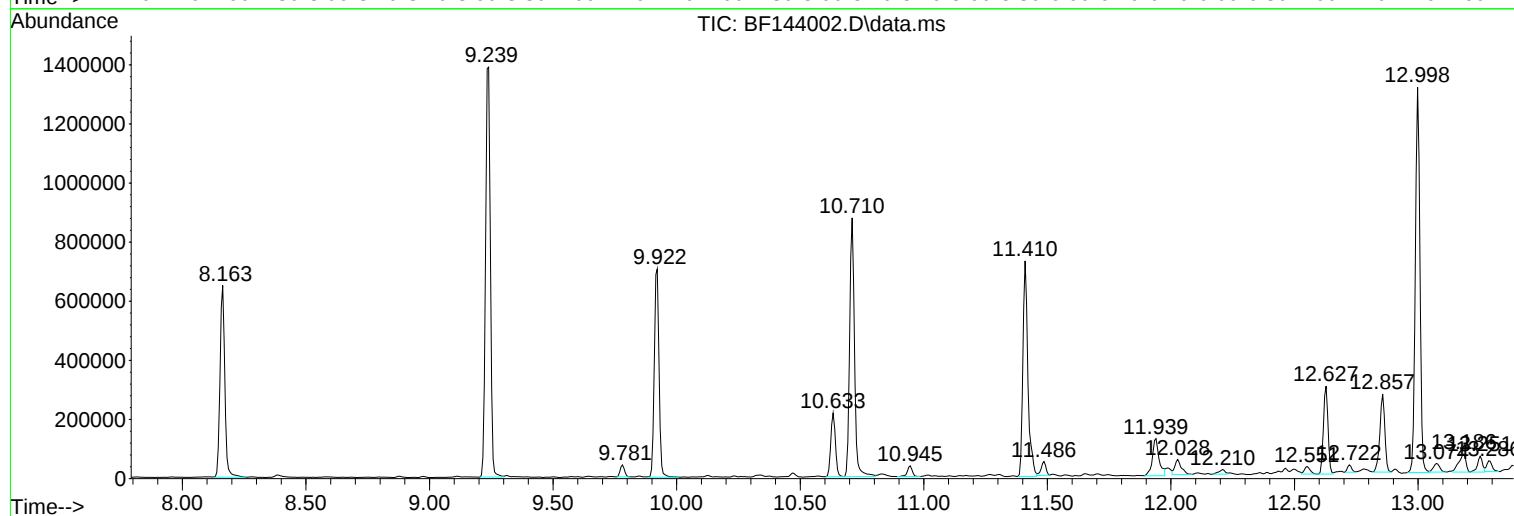
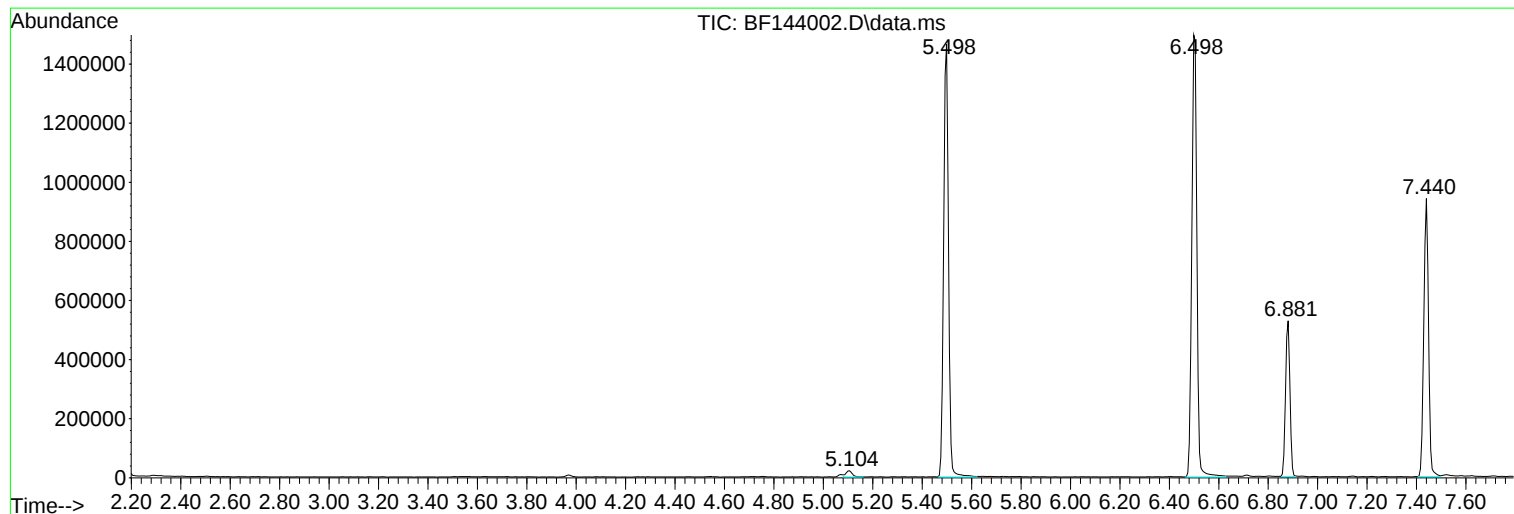
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Operator : RC/JU
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Misc :
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Instrument :
BNA_F
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TP-4-WC

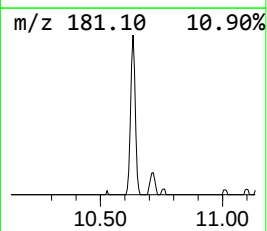
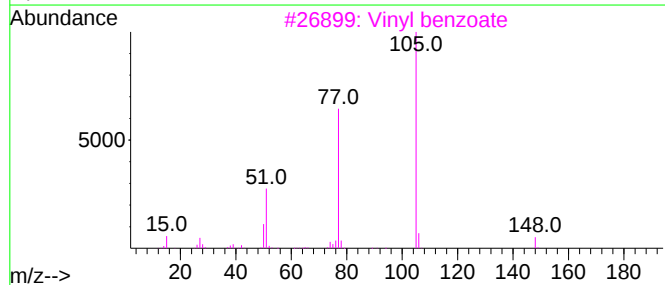
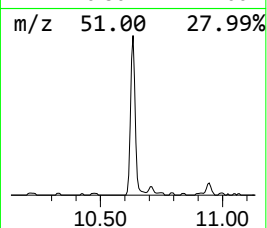
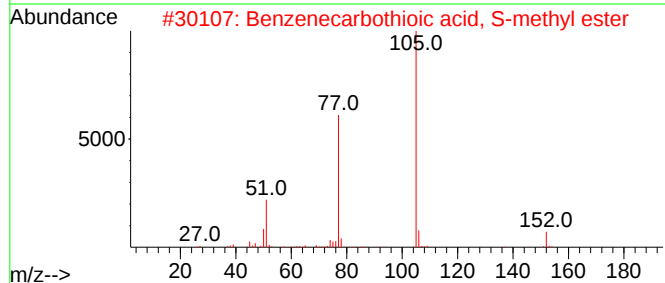
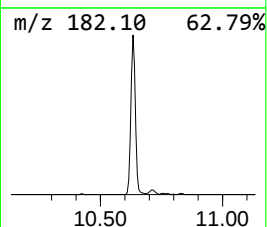
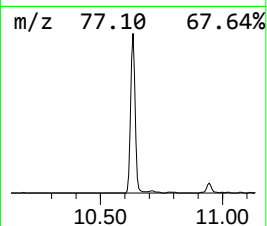
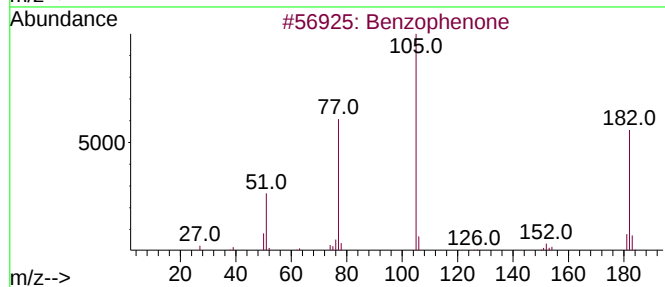
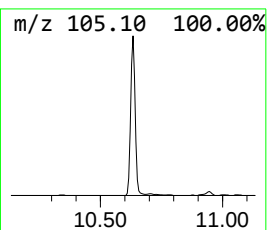
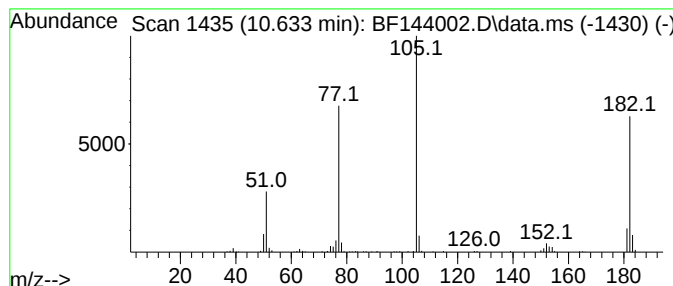
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.634	5.85 ng	274804	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
3			Vinyl benzoate	148	C9H8O2	000769-78-8	47
4			1,2,4-Triazine-3,5(2H,4H)-dione,...	249	C10H7N3O3S	024168-34-1	47
5			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47



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Misc :
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Instrument :
BNA_F
ClientSampleId :
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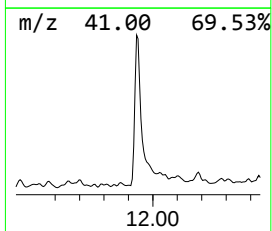
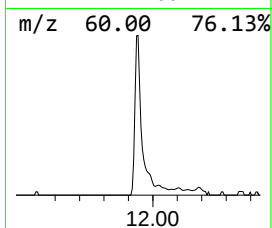
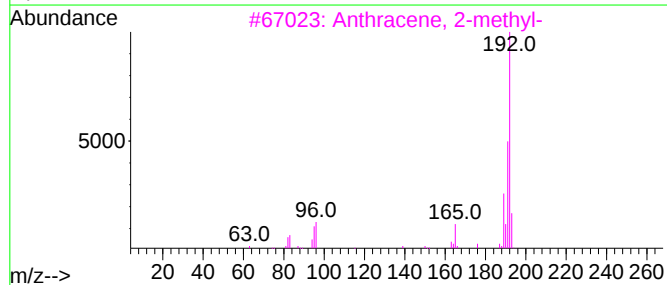
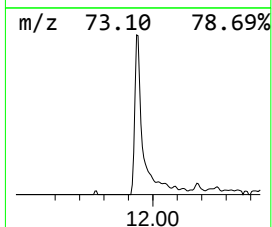
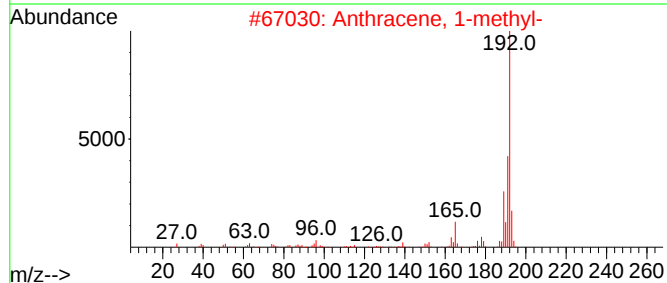
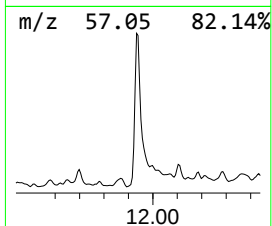
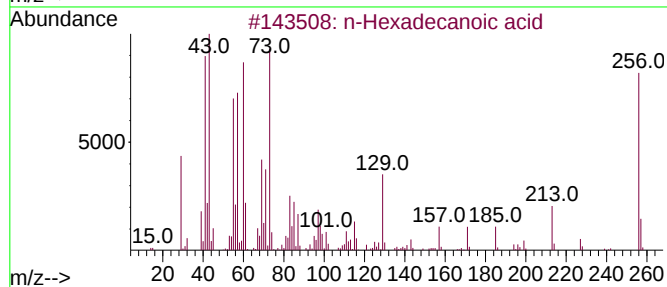
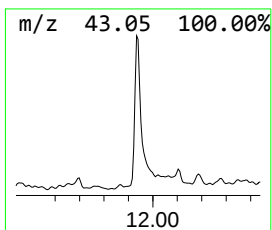
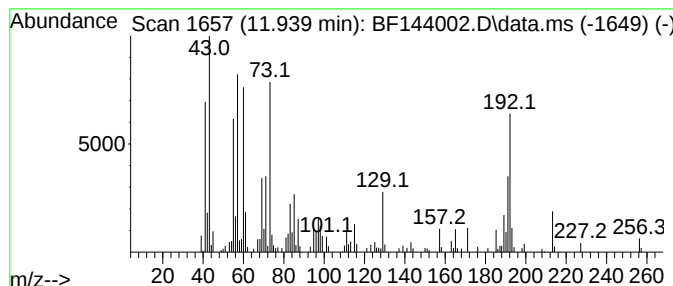
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	4.57 ng	236879	Phenanthrene-d10	11.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	64
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64



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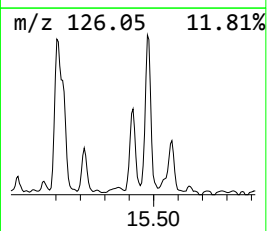
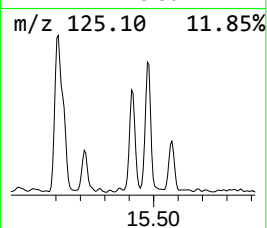
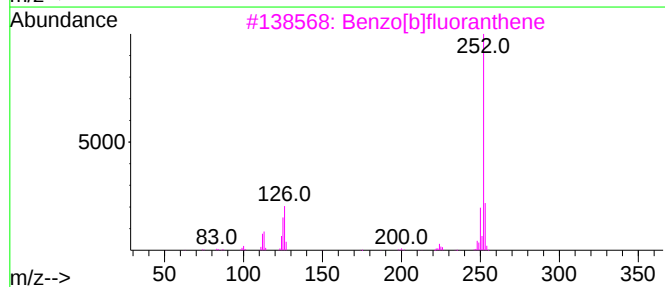
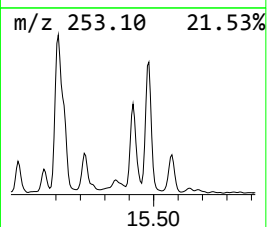
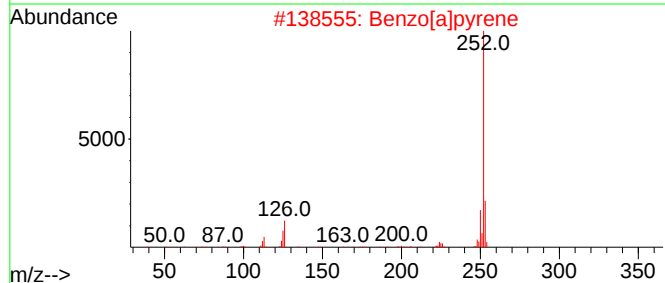
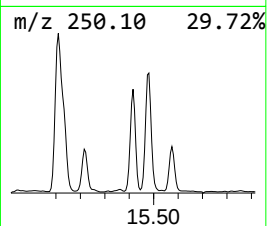
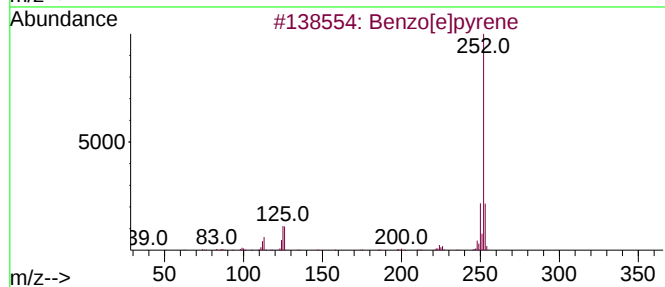
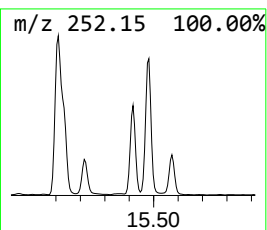
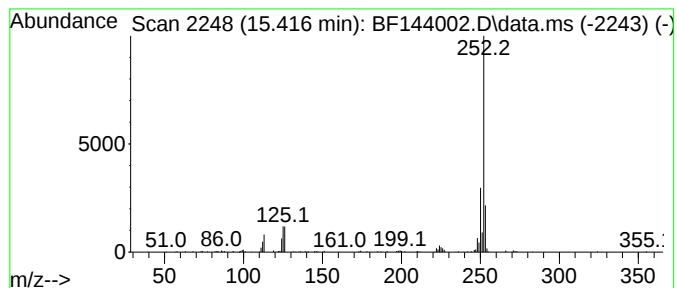
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.416	4.42 ng	187394	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[a]pyrene	252	C20H12	000050-32-8	93
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5			Perylene	252	C20H12	000198-55-0	90



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TIC Library : C:\Database\NIST20.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	10.634	5.8	ng	274804	3	9.922	939113	20.0
n-Hexadecanoic ...	11.939	4.6	ng	236879	4	11.410	1036930	20.0
Benzo[e]pyrene	15.416	4.4	ng	187394	6	15.545	847247	20.0