

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
 Data File : BF134993.D
 Acq On : 29 Aug 2023 20:15
 Operator : CG\JU
 Sample : 04188-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6

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-BF082223.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134993.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.028	496	500	508	rVB	32998	41056	1.24%	0.184%
2	5.416	561	566	569	rBV	2780261	2739312	82.80%	12.306%
3	6.422	732	737	740	rBV	2785802	2784746	84.17%	12.510%
4	6.616	767	770	780	rBV	30969	35557	1.07%	0.160%
5	6.781	795	798	802	rBV	850074	726201	21.95%	3.262%
6	7.345	889	894	897	rBV	1911432	1794993	54.25%	8.064%
7	8.063	1011	1016	1019	rBV	1155883	986063	29.80%	4.430%
8	9.139	1194	1199	1202	rBV	3643393	3308498	100.00%	14.863%
9	9.257	1215	1219	1223	rVB	37895	36936	1.12%	0.166%
10	9.816	1310	1314	1318	rBV	1193675	1097072	33.16%	4.929%
11	10.610	1445	1449	1453	rBV	2227575	2002259	60.52%	8.995%
12	11.310	1564	1568	1571	rBV	1298823	1107920	33.49%	4.977%
13	11.333	1571	1572	1575	rVB	155012	82129	2.48%	0.369%
14	11.845	1656	1659	1664	rBV	214023	192680	5.82%	0.866%
15	12.527	1771	1775	1779	rBV	212489	176349	5.33%	0.792%
16	12.633	1789	1793	1799	rBV2	36481	61981	1.87%	0.278%
17	12.757	1807	1814	1817	rBV	178583	169104	5.11%	0.760%
18	12.910	1835	1840	1843	rBV	3128870	2755782	83.29%	12.380%
19	13.145	1875	1880	1884	rBV3	21841	37194	1.12%	0.167%
20	13.821	1990	1995	2004	rBV2	108167	155871	4.71%	0.700%
21	13.962	2014	2019	2022	rBV	767303	736043	22.25%	3.307%
22	13.986	2022	2023	2029	rVB	76086	58624	1.77%	0.263%
23	14.733	2146	2150	2152	rBV2	31171	38601	1.17%	0.173%
24	15.004	2192	2196	2199	rBV	71791	99354	3.00%	0.446%
25	15.098	2208	2212	2217	rVB3	28967	52421	1.58%	0.236%
26	15.304	2243	2247	2254	rVB	42972	54519	1.65%	0.245%
27	15.368	2254	2258	2264	rBV	63689	77871	2.35%	0.350%
28	15.433	2264	2269	2273	rBV	622963	725149	21.92%	3.258%
29	15.927	2349	2353	2358	rBV3	26576	36245	1.10%	0.163%
30	16.909	2515	2520	2530	rVB2	26231	53198	1.61%	0.239%
31	17.356	2592	2596	2604	rVB2	17046	35567	1.08%	0.160%

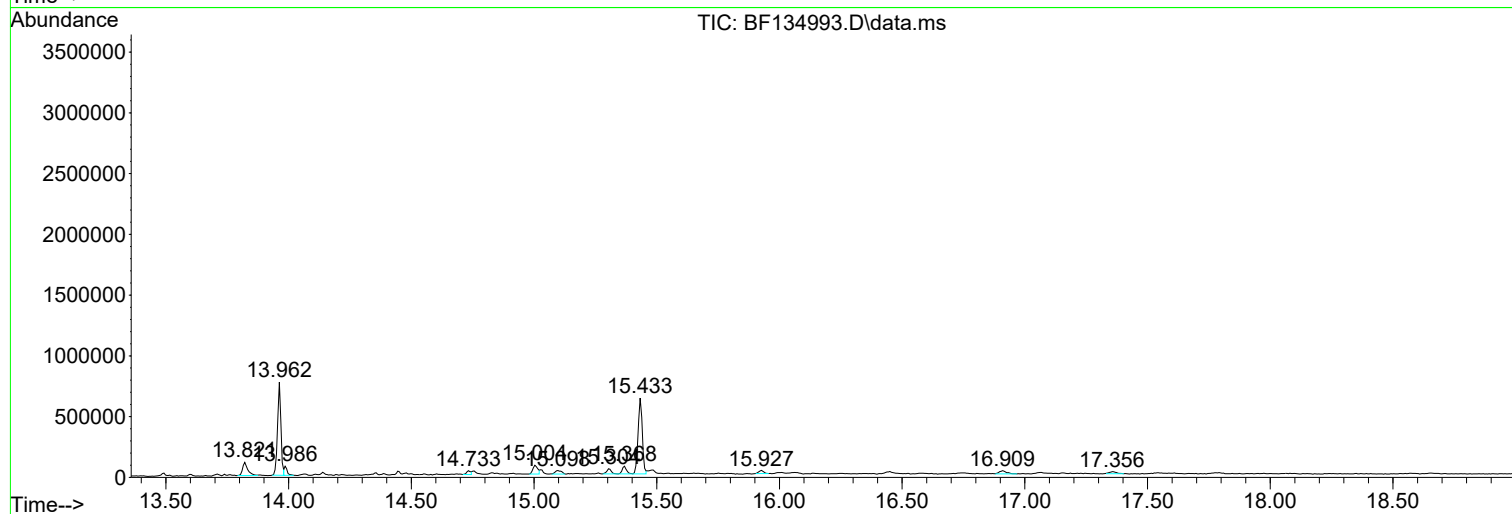
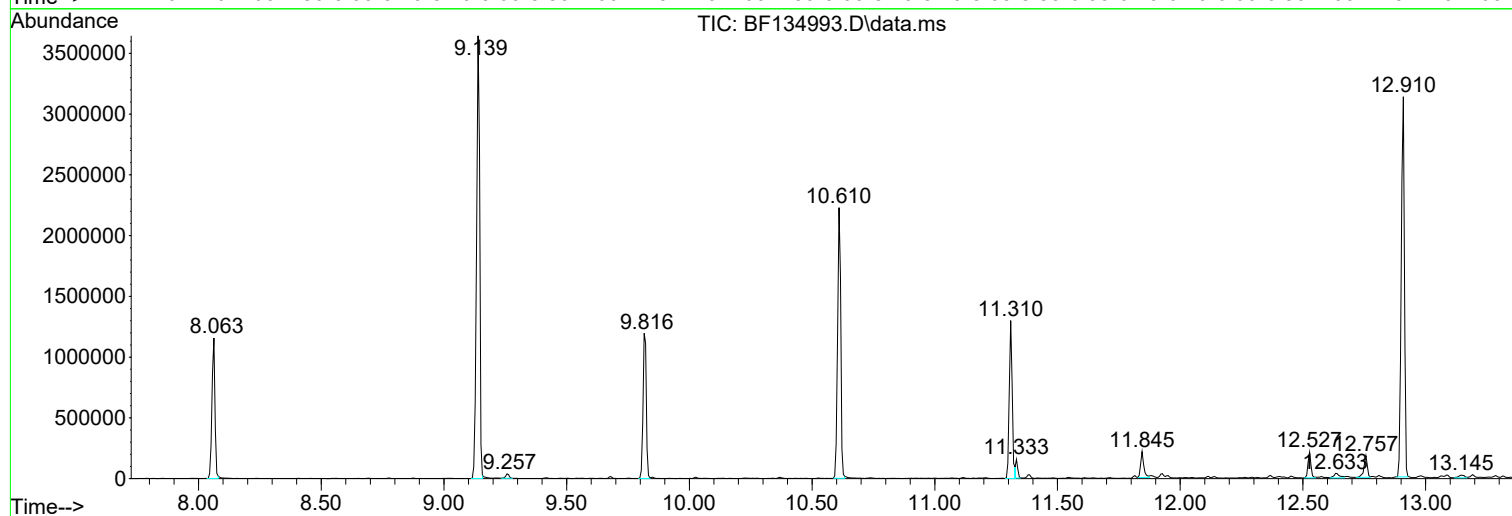
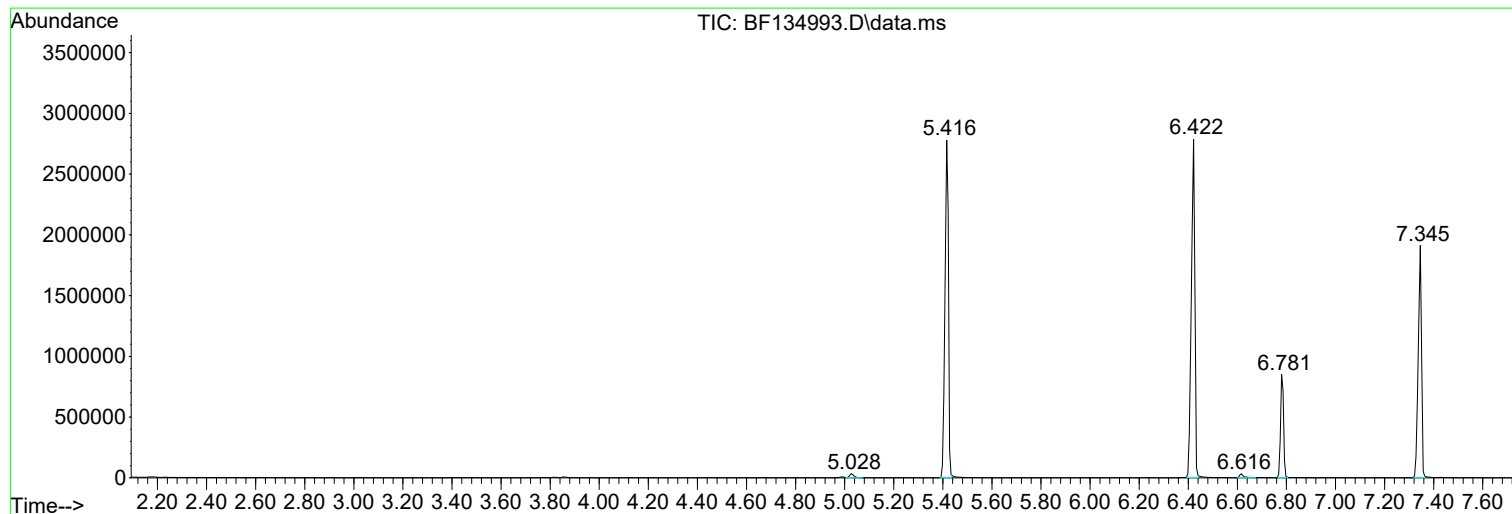
Sum of corrected areas: 22259295

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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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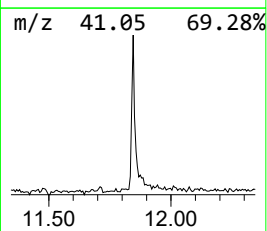
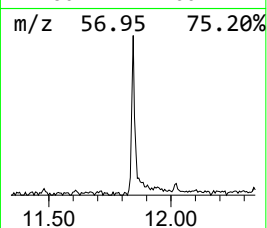
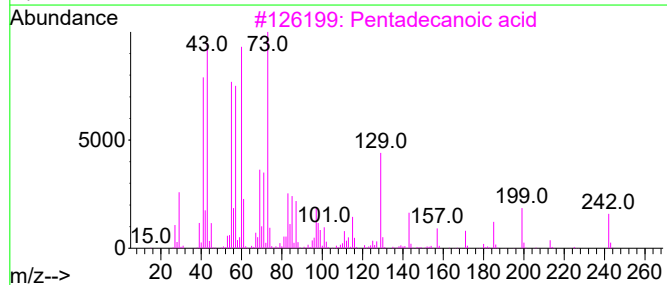
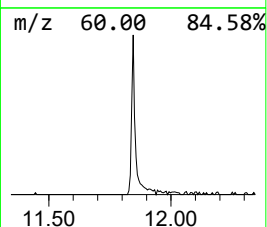
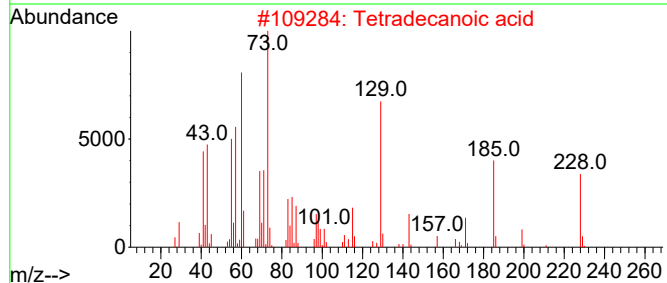
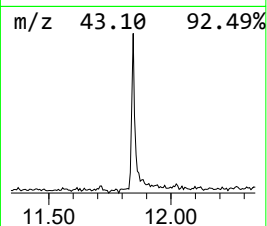
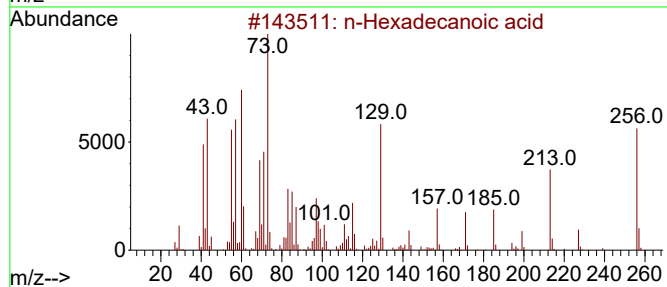
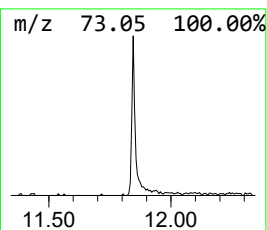
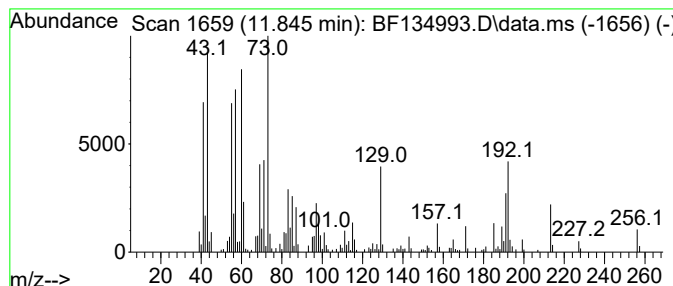
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.845	3.48 ng	192680	Phenanthrene-d10		11.310	
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	89
4	Tridecanoic acid		214	C13H26O2	000638-53-9	70
5	n-Decanoic acid		172	C10H20O2	000334-48-5	58



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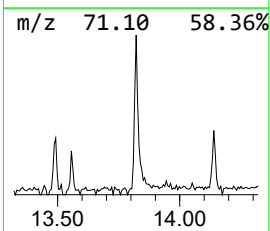
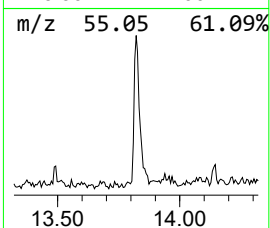
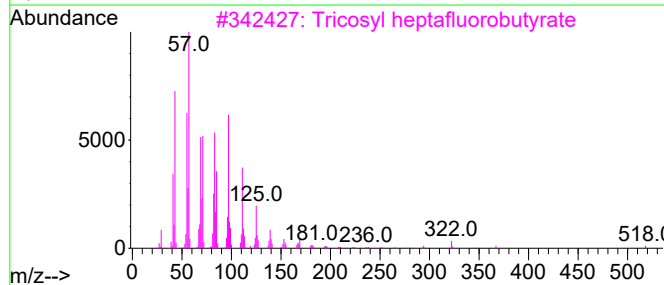
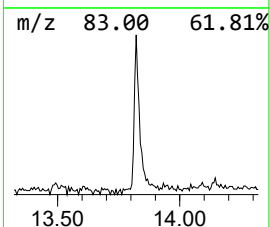
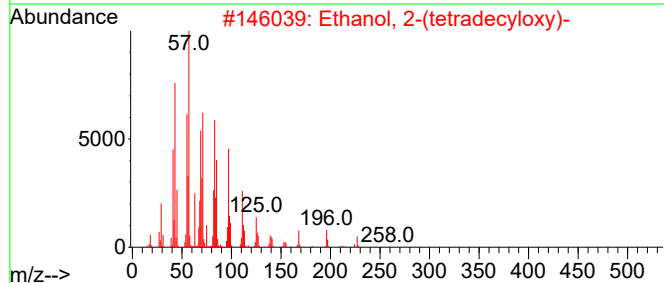
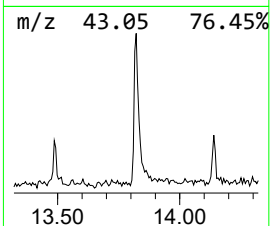
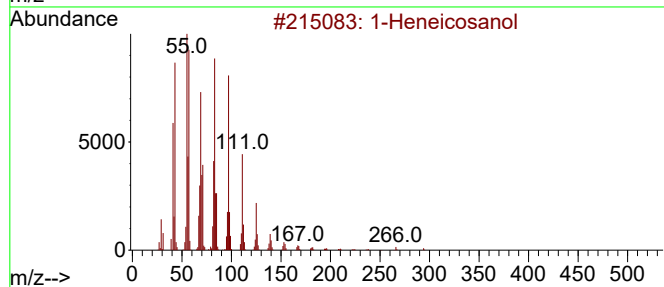
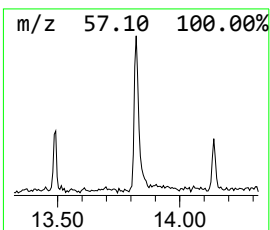
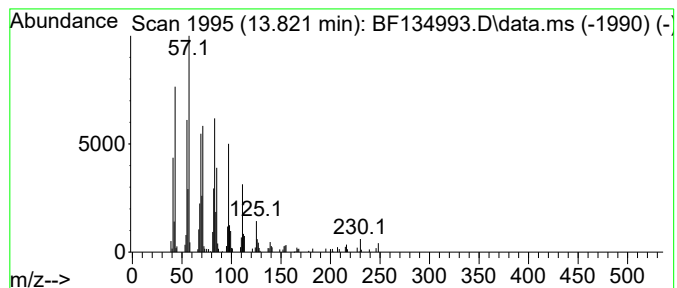
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Peak Number 2 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.821	4.24 ng	155871	Chrysene-d12	13.962

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	91
2			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
3			Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	90
4			Hexadecyl propyl ether	284	C19H40O	1000406-27-9	90
5			Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	90



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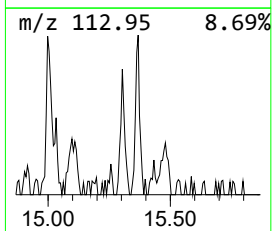
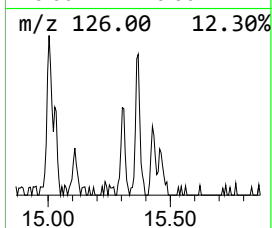
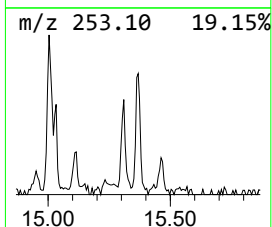
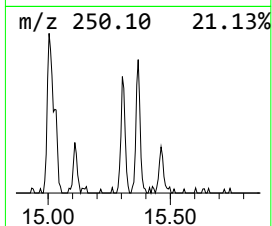
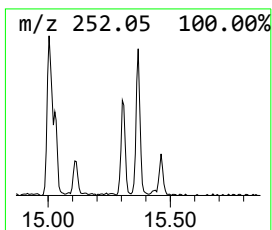
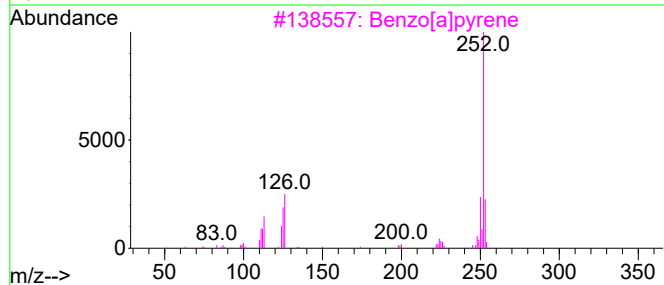
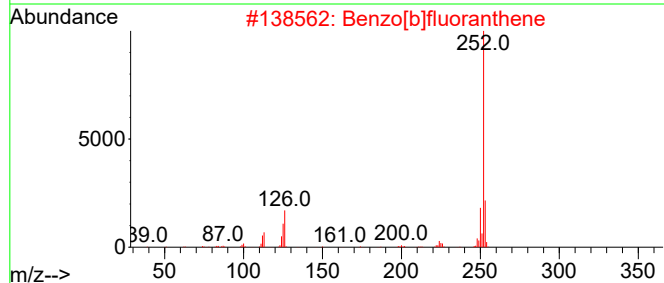
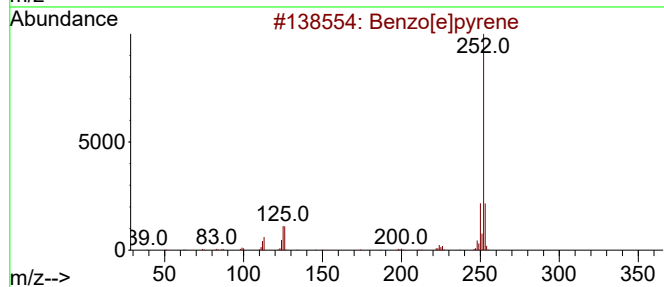
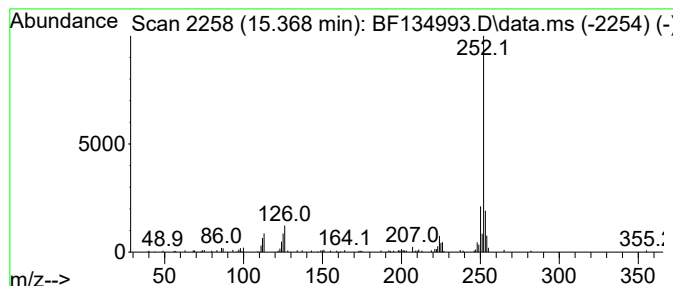
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.368	2.15 ng	77871	Perylene-d12	15.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	95
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
3			Benzo[a]pyrene	252	C20H12	000050-32-8	93
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.845	3.5	ng	192680	4	11.310	1107920	20.0
1-Heneicosanol	13.821	4.2	ng	155871	5	13.962	736043	20.0
Benzo[e]pyrene	15.368	2.1	ng	77871	6	15.433	725149	20.0