

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
 Data File : BF141728.D
 Acq On : 21 Feb 2025 19:13
 Operator : RC/JU
 Sample : Q1398-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BUS-DISCONNECT

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-BF020625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141728.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.987	488	492	507	rVB	11471	23004	1.13%	0.146%
2	5.398	557	562	584	rBV	1219555	1742558	85.74%	11.023%
3	6.422	730	736	763	rBV	1235296	1822982	89.70%	11.532%
4	6.775	791	796	804	rBV	411077	534858	26.32%	3.383%
5	7.345	887	893	905	rBV	854077	1207716	59.43%	7.640%
6	7.610	931	938	948	rBV2	17991	43463	2.14%	0.275%
7	8.057	1009	1014	1034	rBV	495712	730431	35.94%	4.621%
8	9.133	1191	1197	1208	rBV	1589979	2032295	100.00%	12.856%
9	9.216	1208	1211	1221	rVB2	12451	20657	1.02%	0.131%
10	9.810	1307	1312	1326	rVB	565424	751274	36.97%	4.752%
11	10.522	1428	1433	1441	rBV	156814	208290	10.25%	1.318%
12	10.598	1441	1446	1461	rVV	737535	1041334	51.24%	6.587%
13	10.716	1462	1466	1474	rVB3	19099	41368	2.04%	0.262%
14	11.298	1559	1565	1574	rBV2	451313	749190	36.86%	4.739%
15	11.827	1647	1655	1665	rBV2	258013	469611	23.11%	2.971%
16	12.033	1687	1690	1697	rBV	31747	56113	2.76%	0.355%
17	12.510	1766	1771	1775	rBV	268619	360341	17.73%	2.279%
18	12.610	1784	1788	1793	rBV2	60271	105007	5.17%	0.664%
19	12.733	1804	1809	1815	rVB	238815	348659	17.16%	2.206%
20	12.880	1828	1834	1842	rBV	1100385	1459795	71.83%	9.234%
21	13.933	2006	2013	2028	rVB2	470989	925401	45.53%	5.854%
22	14.963	2183	2188	2195	rBV	138501	298978	14.71%	1.891%
23	15.251	2233	2237	2243	rVB	68112	108124	5.32%	0.684%
24	15.315	2244	2248	2253	rVV	85664	127335	6.27%	0.805%
25	15.374	2253	2258	2272	rVB	258355	452275	22.25%	2.861%
26	16.804	2495	2501	2509	rBV	35993	83513	4.11%	0.528%
27	17.233	2569	2574	2587	rVB	26325	63747	3.14%	0.403%

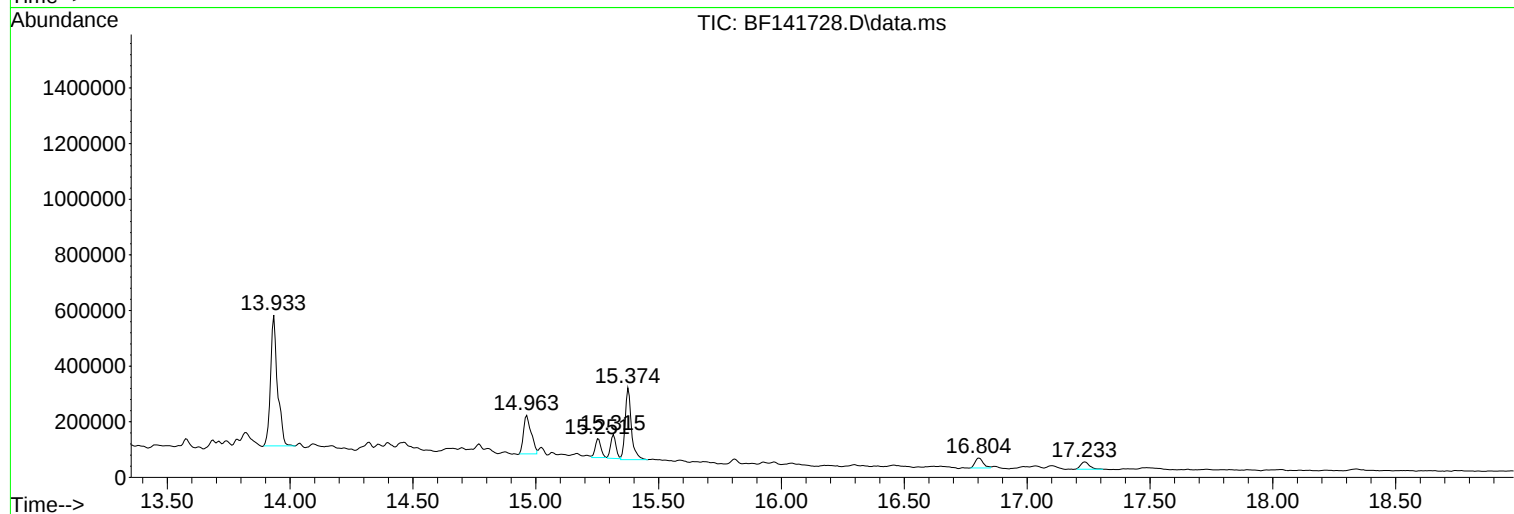
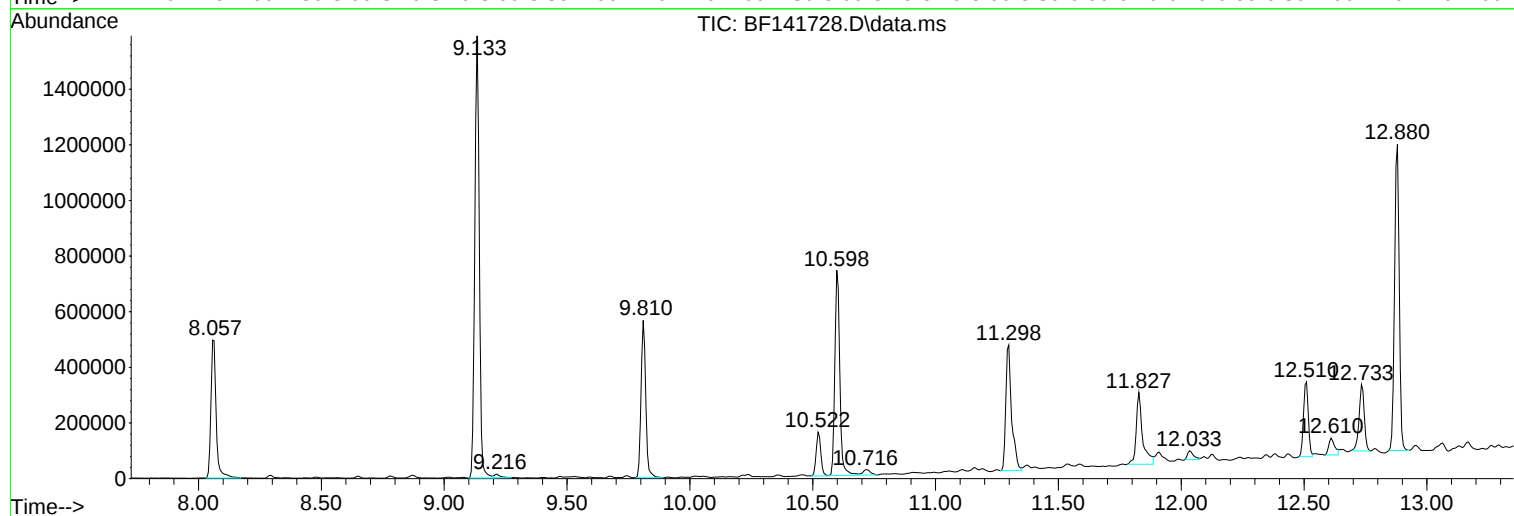
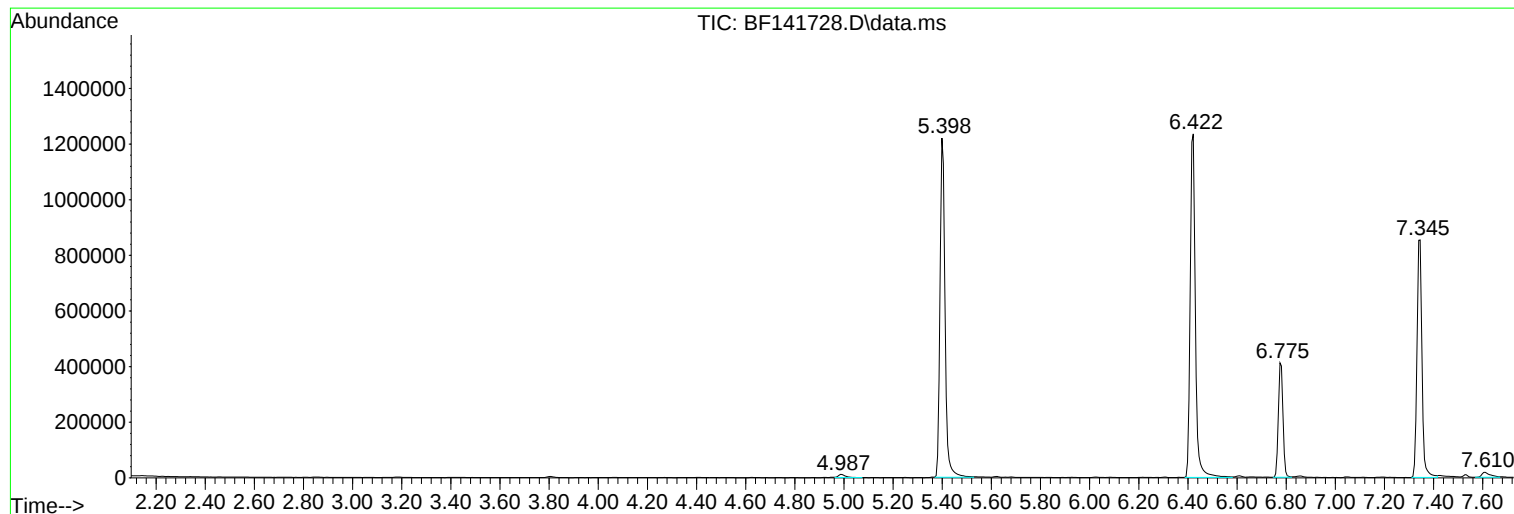
Sum of corrected areas: 15808319

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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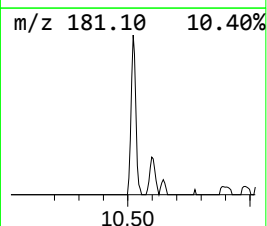
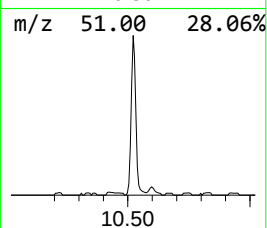
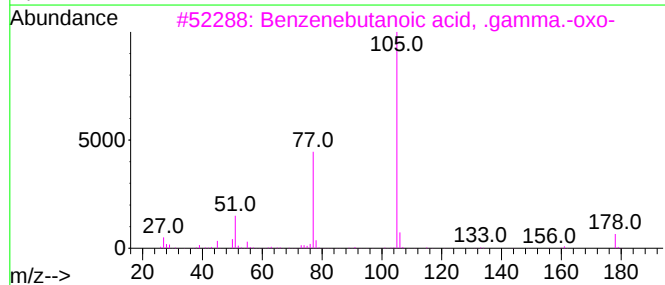
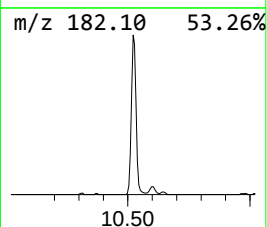
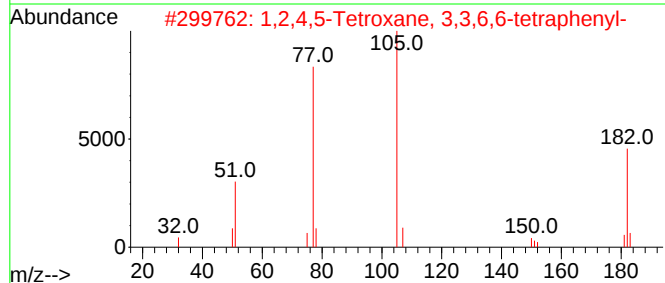
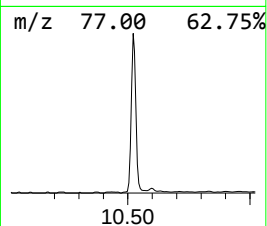
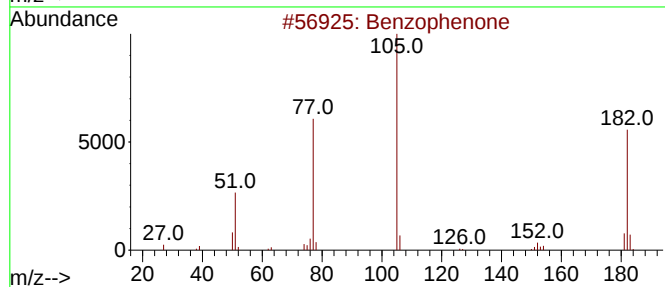
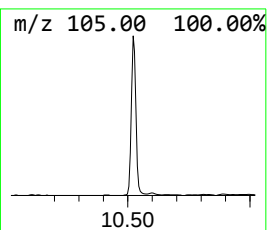
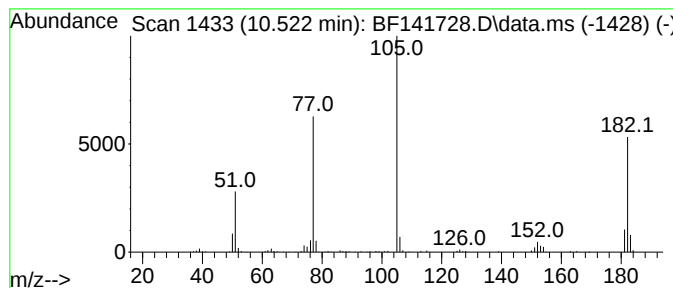
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.522	5.54 ng	208290	Acenaphthene-d10	9.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
4			2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47
5			acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47



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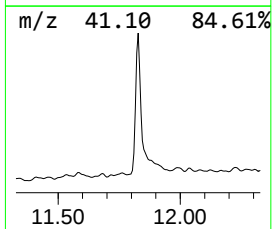
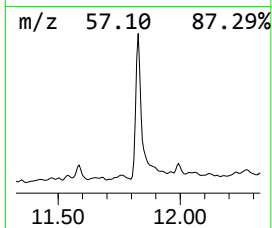
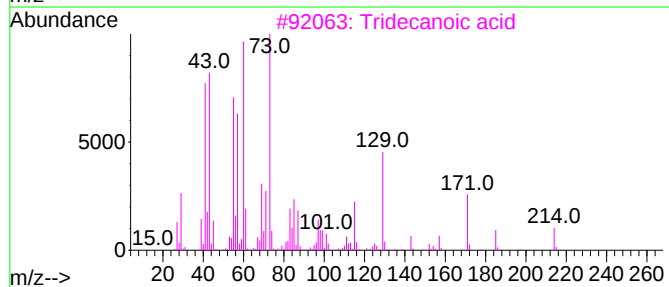
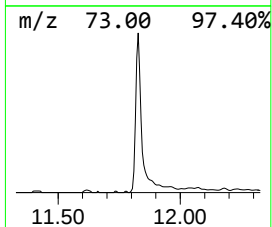
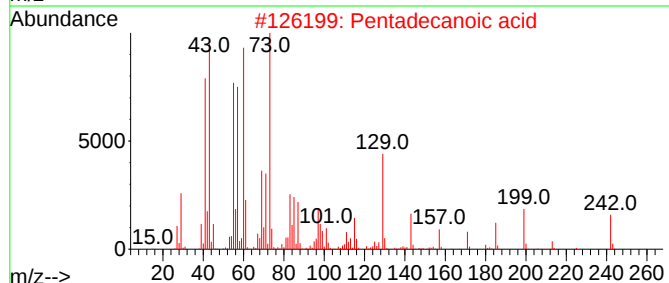
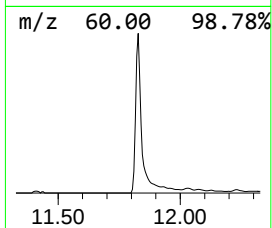
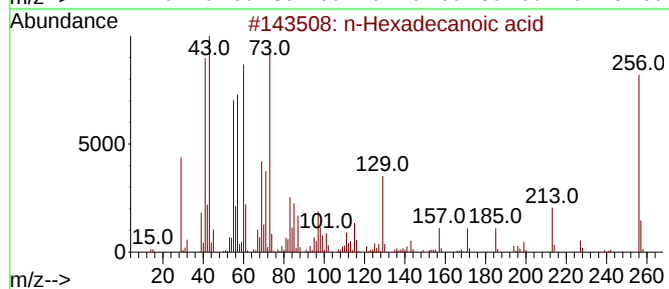
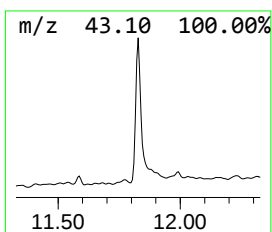
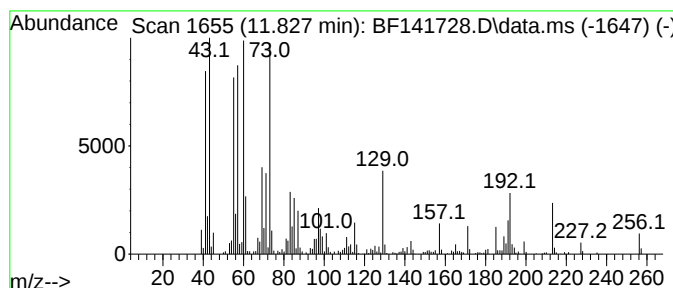
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.827	12.54 ng	469611	Phenanthrene-d10	11.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Tridecanoic acid	214	C13H26O2	000638-53-9	89
4			n-Decanoic acid	172	C10H20O2	000334-48-5	64
5			Dodecanoic acid	200	C12H24O2	000143-07-7	60



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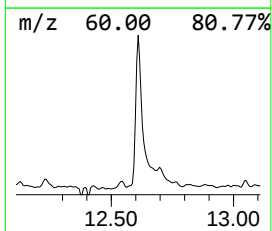
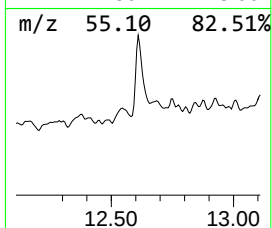
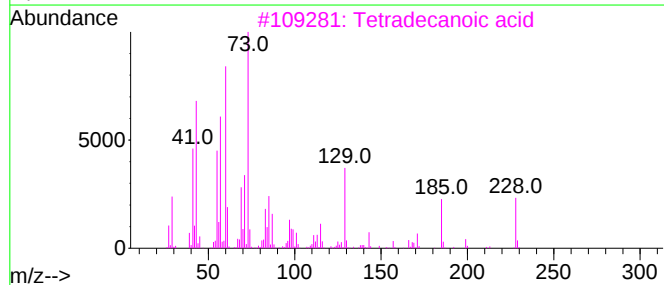
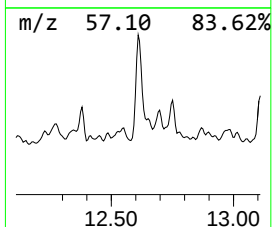
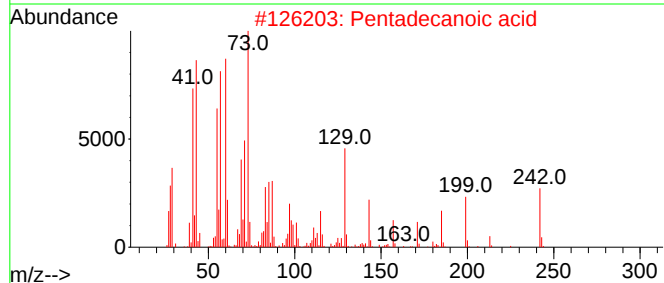
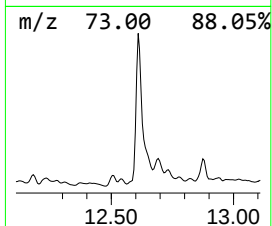
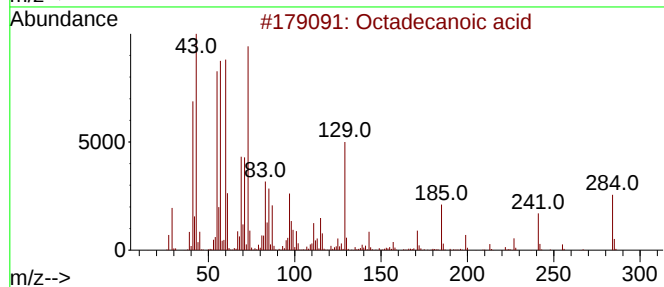
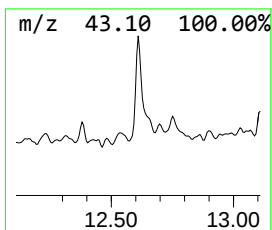
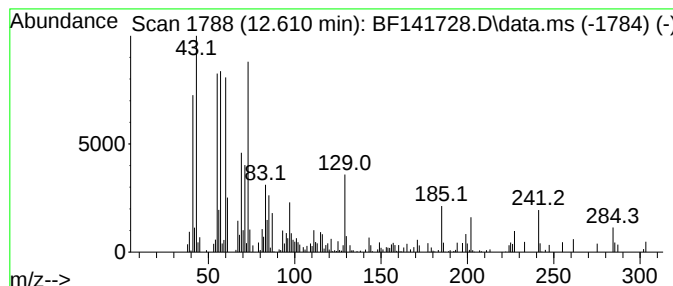
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	2.80 ng	105007	Phenanthrene-d10	11.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4			Dodecanoic acid	200	C12H24O2	000143-07-7	62
5			n-Decanoic acid	172	C10H20O2	000334-48-5	58



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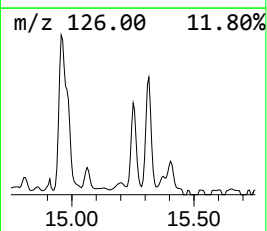
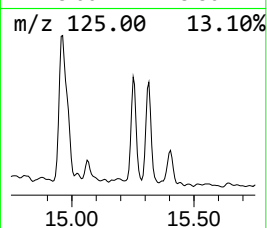
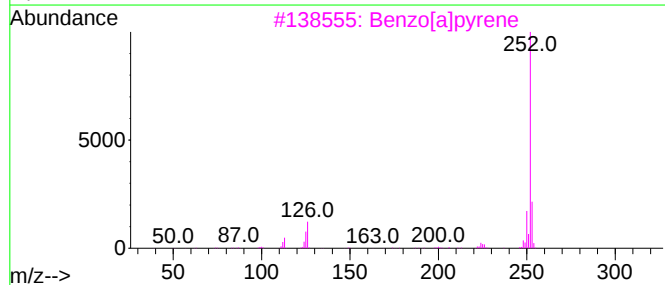
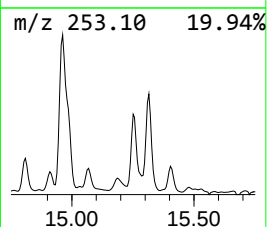
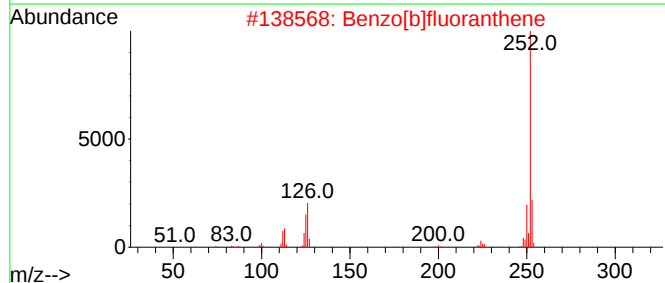
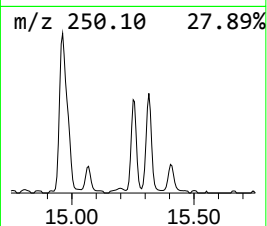
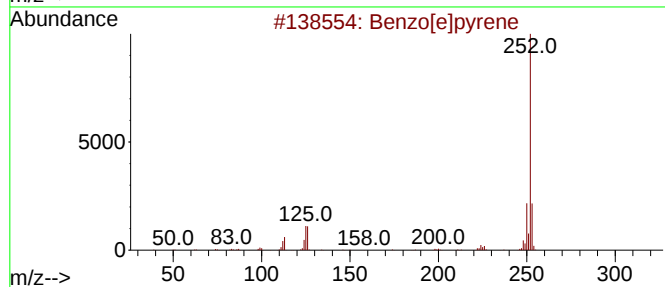
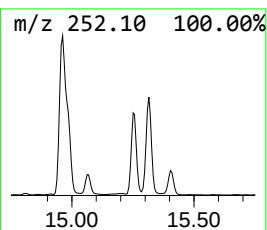
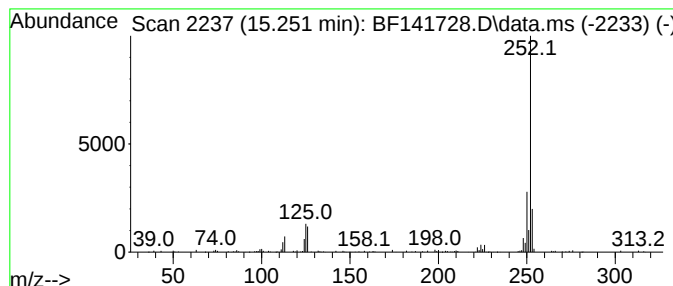
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Peak Number 4 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.251	4.78 ng	108124	Perylene-d12	15.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3			Benzo[a]pyrene	252	C20H12	000050-32-8	94
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5			Perylene	252	C20H12	000198-55-0	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	10.522	5.5	ng	208290	3	9.810	751274	20.0
n-Hexadecanoic ...	11.827	12.5	ng	469611	4	11.298	749190	20.0
Octadecanoic acid	12.610	2.8	ng	105007	4	11.298	749190	20.0
Benzo[e]pyrene	15.251	4.8	ng	108124	6	15.374	452275	20.0