Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
Data File : BM039839.D
Acq On : 05 May 2023 10:55
Operator : CG/JU
Sample : 02447-13DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW933DL

Quant Time: May 06 02:20:27 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 06 02:18:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	2044	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.595	136	8237	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.437	164	5332	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	13546	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.386	240	10025	0.400	ng/ul	#-0.02
23) Perylene-d12	23.730	264	11460	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	1068	0.355	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	332	0.031	ng/ul	-0.02
18) Fluoranthene-d10	19.224	212	1148	0.043	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.644	128	5588	0.270	ng/ul#	95
7) 2-Methylnaphthalene	12.272	142	3669	0.307	ng/ul	96
8) 1-Methylnaphthalene	12.481	142	2816	0.220	ng/ul	100
10) Acenaphthylene	14.159	152	13768	0.667	ng/ul	99
11) Acenaphthene	14.497	153	11050	0.682	ng/ul	99
12) Fluorene	15.491	166	12273	0.682	ng/ul	100
15) Phenanthrene	17.229	178	165402	4.635	ng/ul	98
16) Anthracene	17.326	178	32408	1.058	ng/ul	99
19) Fluoranthene	19.252	202	342819	9.585	ng/ul	99
20) Pyrene	19.615	202	348036	9.011	ng/ul	99
21) Benzo(a)anthracene	21.369	228	181881	6.310	ng/ul	99
22) Chrysene	21.421	228	183708	5.632	ng/ul	99
24) Benzo(b)fluoranthene	23.020	252	256826	6.381	ng/ul	93
26) Benzo(a)pyrene	23.625	252	164872	4.563	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.152	276	125626	2.749	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.152	278	32674	0.921	ng/ul	100
29) Benzo(g,h,i)perylene	26.900	276	124883	3.137	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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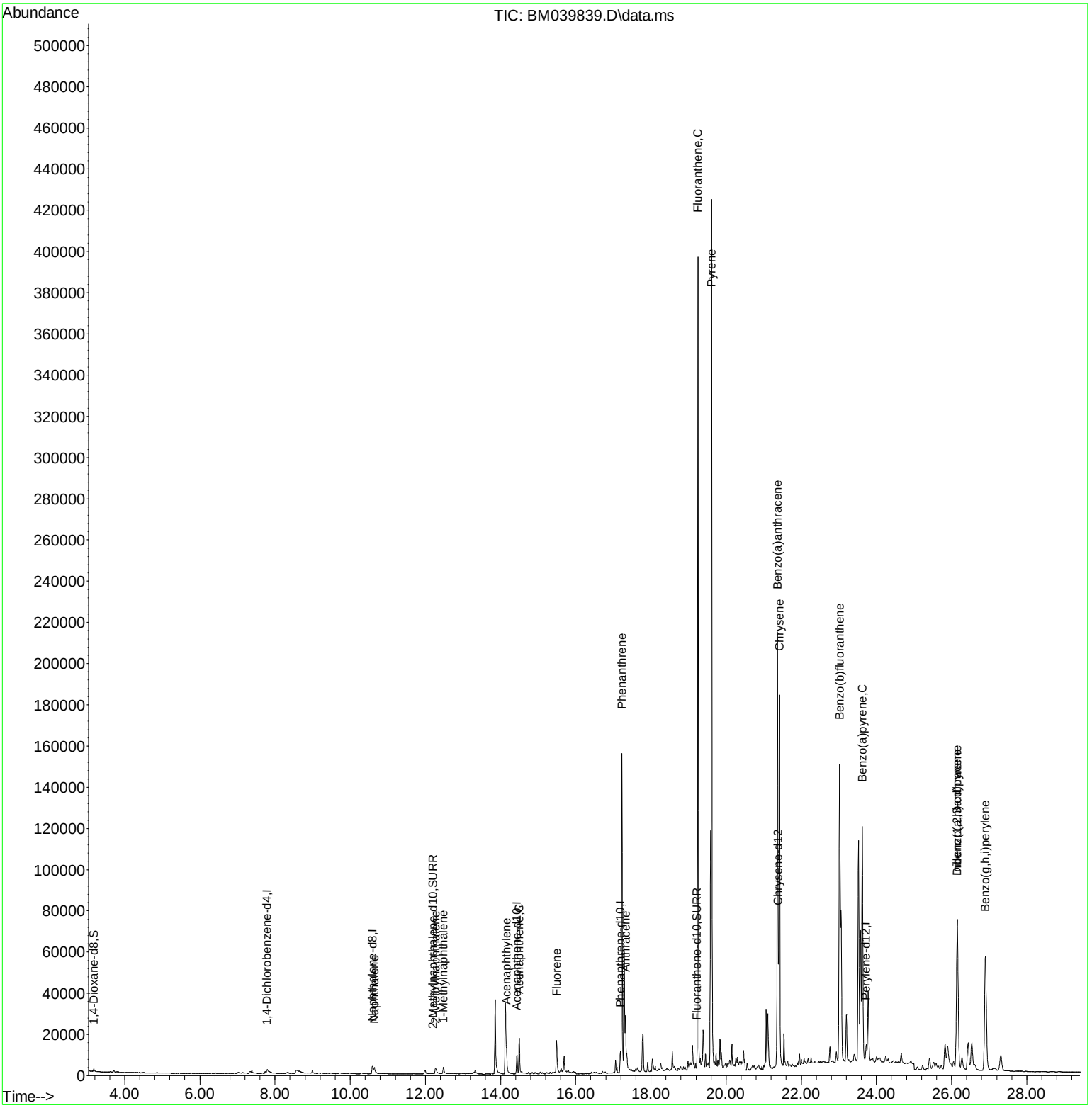
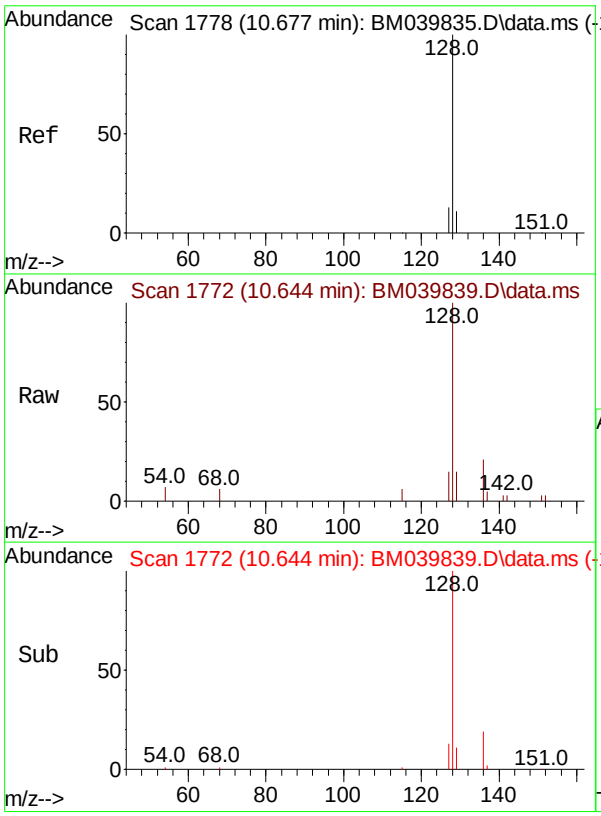


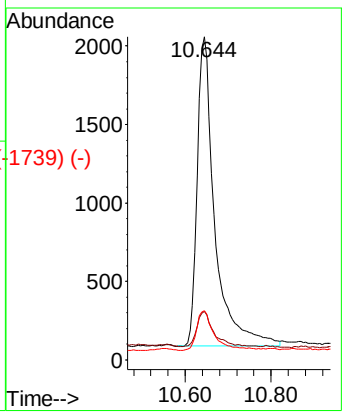


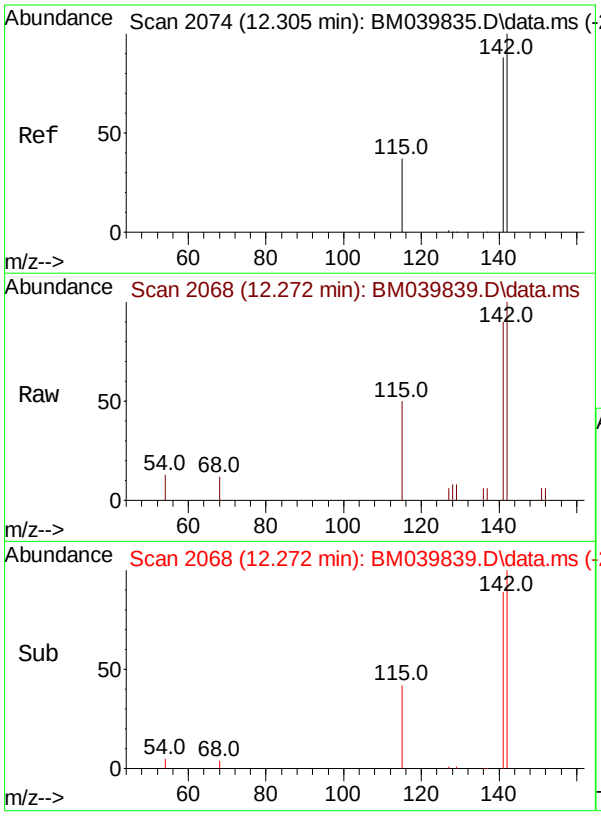
#5
Naphthalene
Concen: 0.270 ng/ul
RT: 10.644 min Scan# 1
Delta R.T. -0.017 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

Instrument :
BNA_M
ClientSampleId :
EW933DL

Tgt Ion:128 Resp: 5588

Ion	Ratio	Lower	Upper
128	100		
129	15.1	9.8	14.6#
127	15.2	11.1	16.7

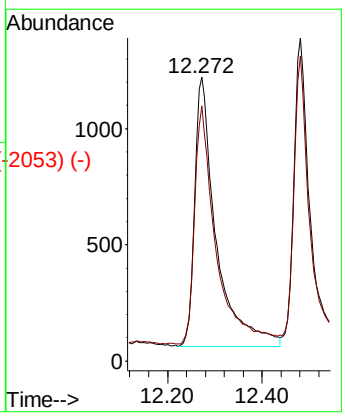


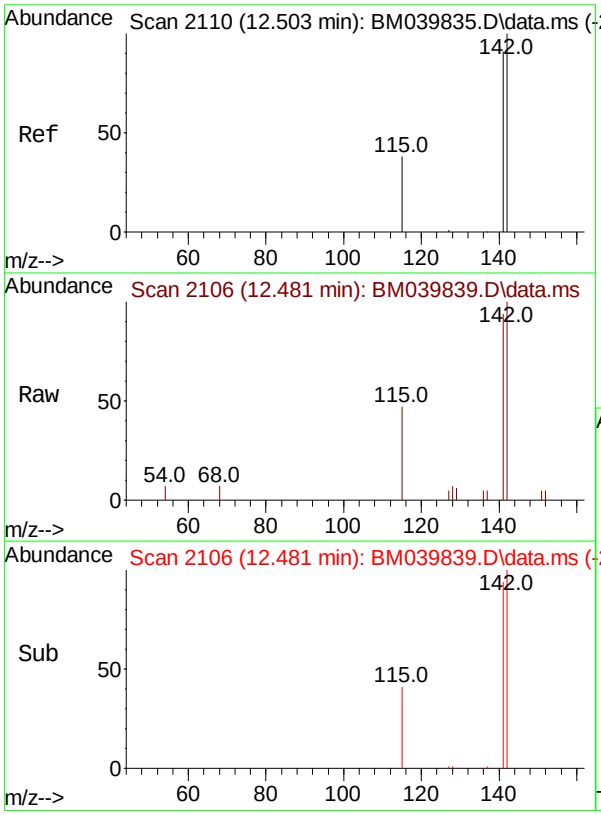


#7
2-Methylnaphthalene
Concen: 0.307 ng/ul
RT: 12.272 min Scan# 2068
Delta R.T. -0.017 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

Tgt Ion:142 Resp: 3669

Ion	Ratio	Lower	Upper
142	100		
141	87.4	73.2	109.8



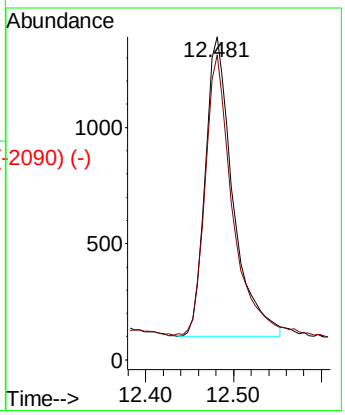


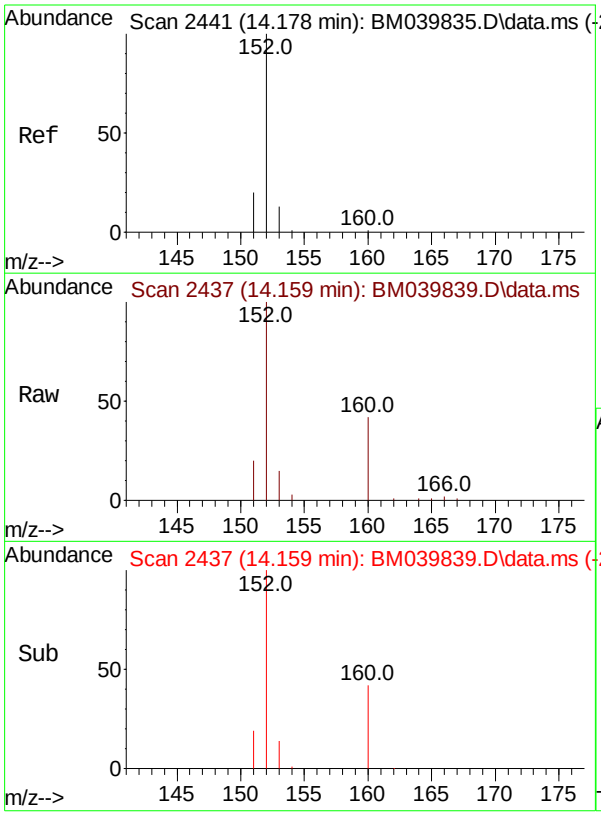
#8
1-Methylnaphthalene
Concen: 0.220 ng/ul
RT: 12.481 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

Instrument :
BNA_M
ClientSampleId :
EW933DL

Tgt Ion:142 Resp: 2816

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.4	110.2

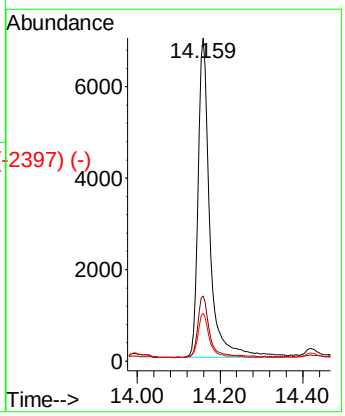


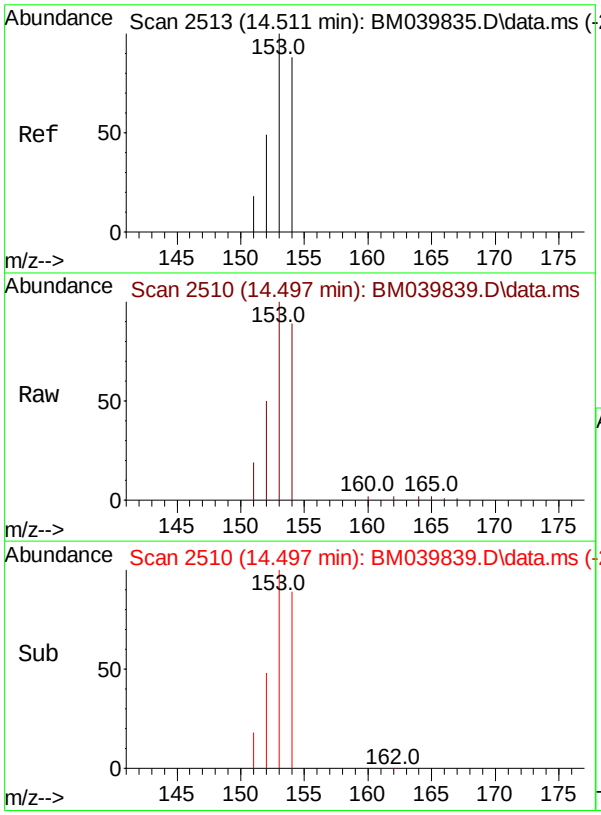


#10
Acenaphthylene
Concen: 0.667 ng/ul
RT: 14.159 min Scan# 2437
Delta R.T. -0.014 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

Tgt Ion:152 Resp: 13768

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.0	24.0
153	14.9	11.2	16.8



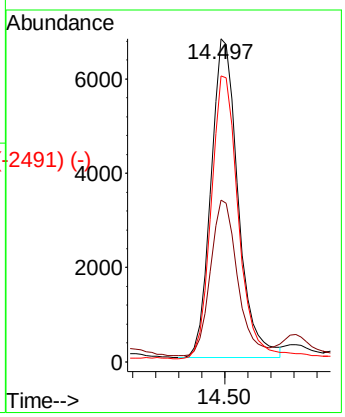


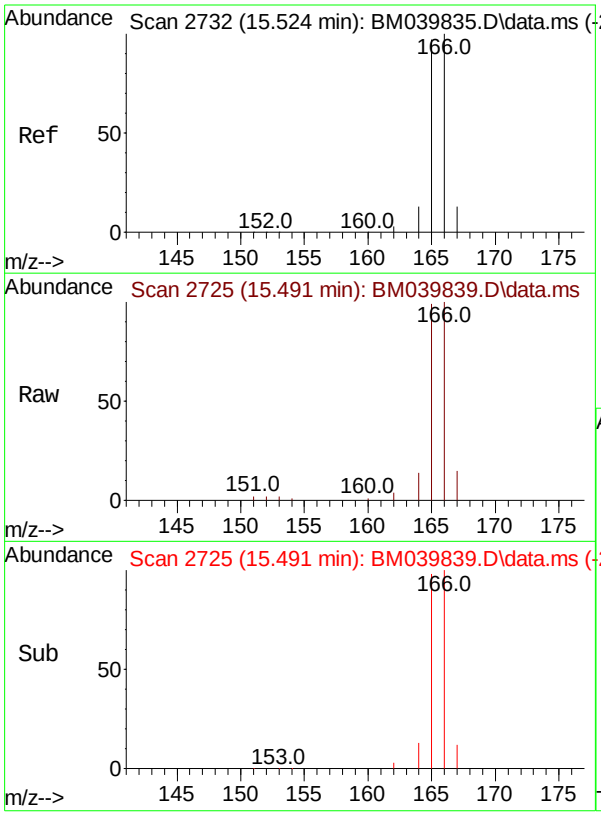
#11
Acenaphthene
Concen: 0.682 ng/ul
RT: 14.497 min Scan# 2
Delta R.T. -0.014 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

Instrument :
BNA_M
ClientSampleId :
EW933DL

Tgt Ion:153 Resp: 11050

Ion	Ratio	Lower	Upper
153	100		
152	50.2	40.6	61.0
154	88.6	71.9	107.9

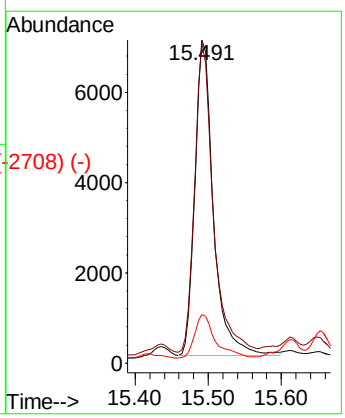


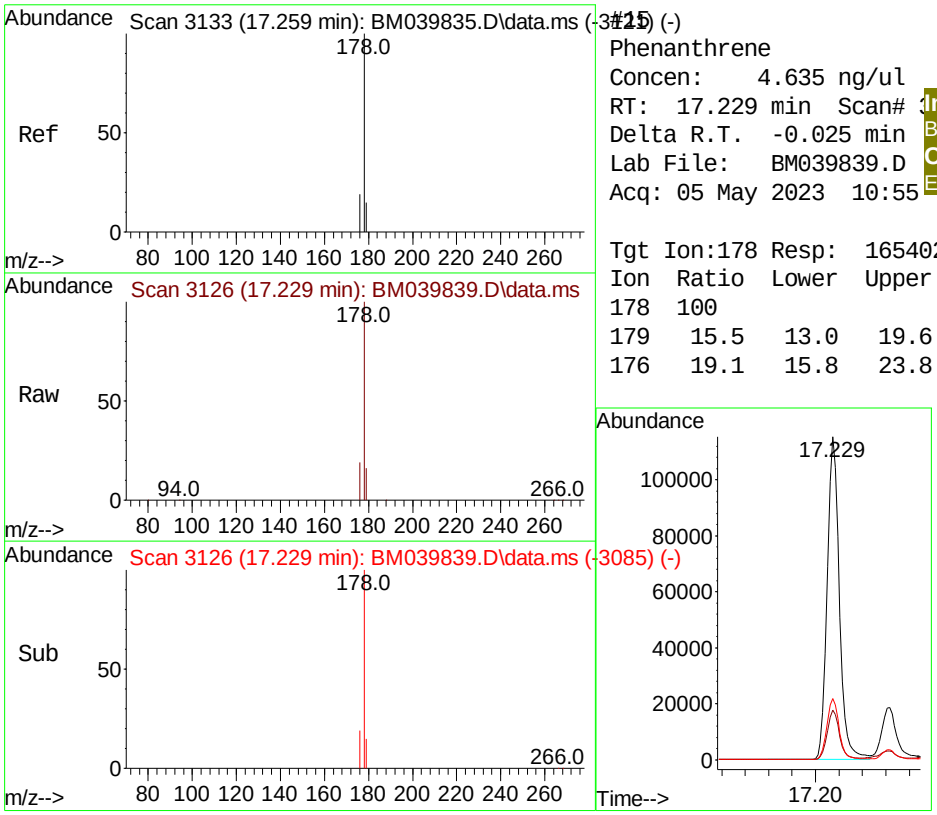


#12
Fluorene
Concen: 0.682 ng/ul
RT: 15.491 min Scan# 2725
Delta R.T. -0.023 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

Tgt Ion:166 Resp: 12273

Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.0	118.6
167	14.9	11.8	17.6



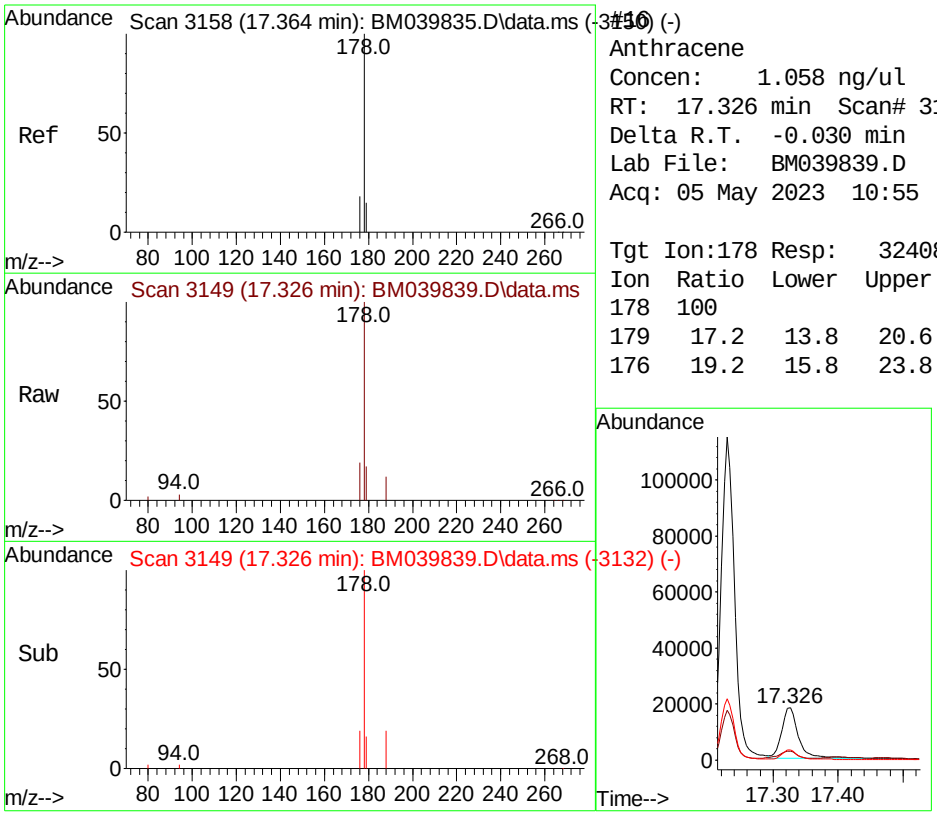


#15
Phenanthrene
Concen: 4.635 ng/ul
RT: 17.229 min Scan# 1
Delta R.T. -0.025 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

Instrument :
BNA_M
ClientSampleId :
EW933DL

Tgt Ion:178 Resp: 165402

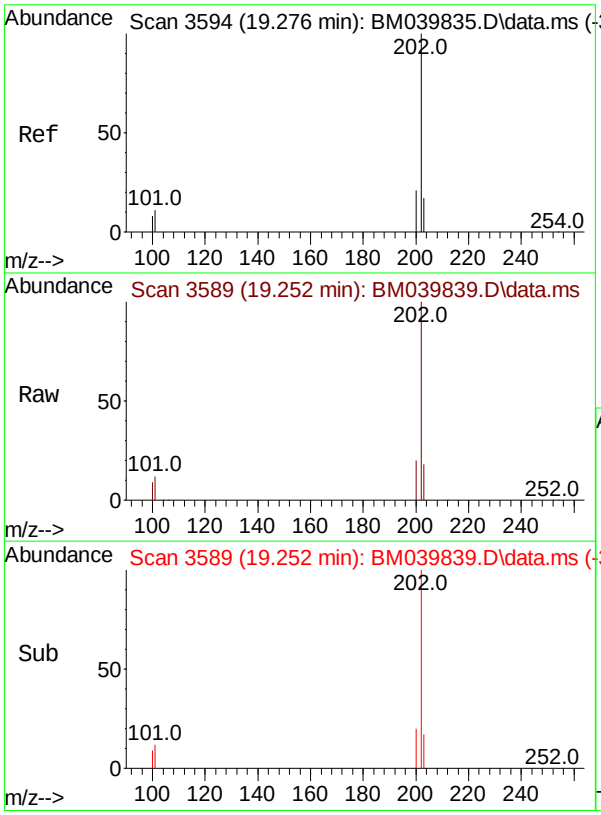
Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.0	19.6
176	19.1	15.8	23.8



#16
Anthracene
Concen: 1.058 ng/ul
RT: 17.326 min Scan# 3149
Delta R.T. -0.030 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

Tgt Ion:178 Resp: 32408

Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.8	20.6
176	19.2	15.8	23.8

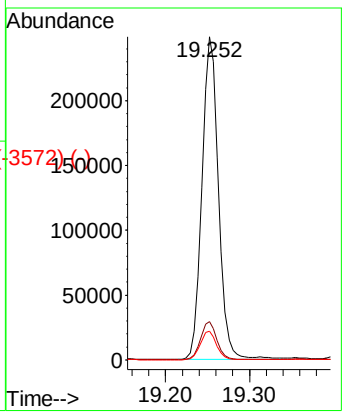


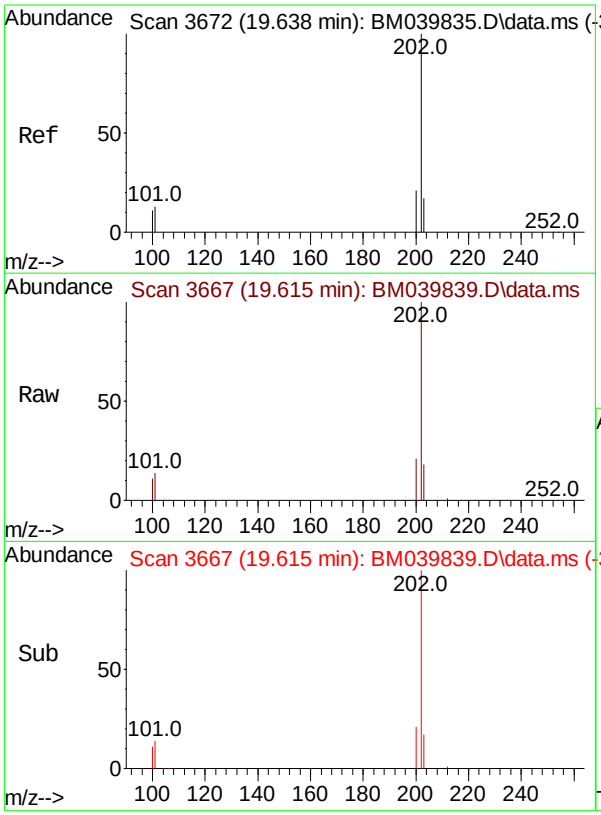
#19
Fluoranthene
Concen: 9.585 ng/ul
RT: 19.252 min Scan# 1
Delta R.T. -0.019 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

Instrument :
BNA_M
ClientSampleId :
EW933DL

Tgt Ion:202 Resp: 342819

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.8
100	9.0	7.3	10.9

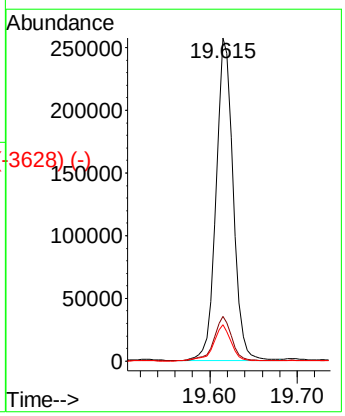


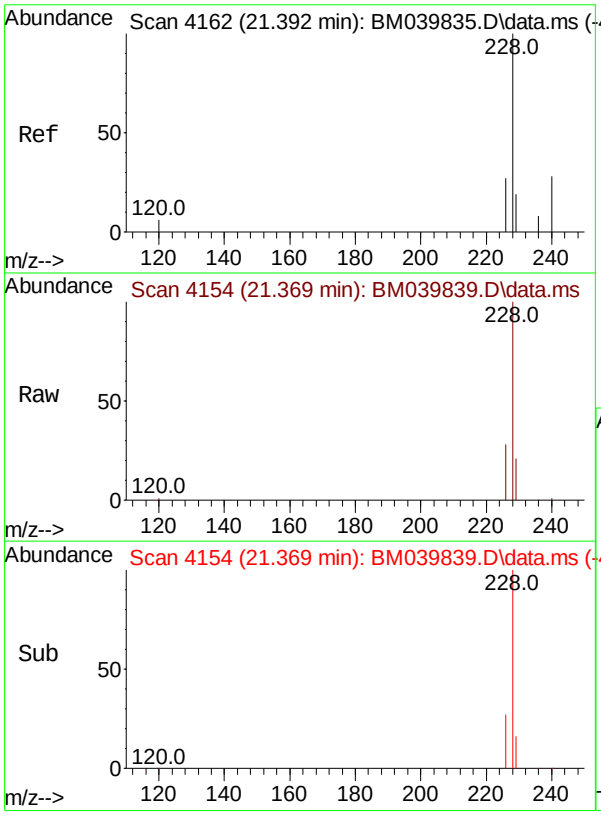


#20
Pyrene
Concen: 9.011 ng/ul
RT: 19.615 min Scan# 3667
Delta R.T. -0.019 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

Tgt Ion:202 Resp: 348036

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.9	16.3
100	11.2	8.9	13.3



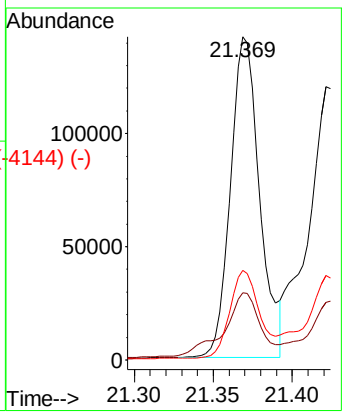


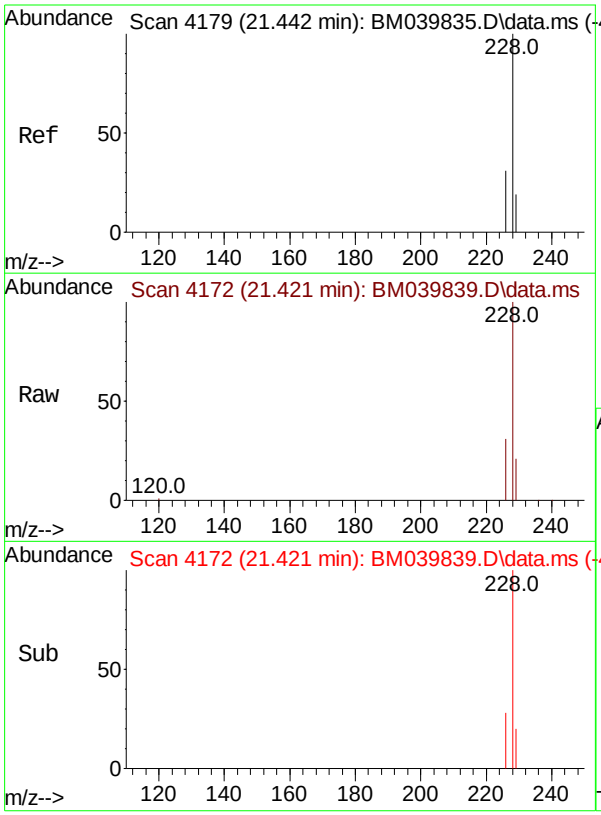
#21
Benzo(a)anthracene
Concen: 6.310 ng/ul
RT: 21.369 min Scan# 4
Delta R.T. -0.022 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

Instrument :
BNA_M
ClientSampleId :
EW933DL

Tgt Ion:228 Resp: 181881

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.2	24.2
226	27.7	21.6	32.4

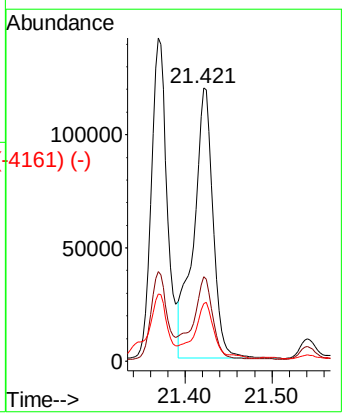


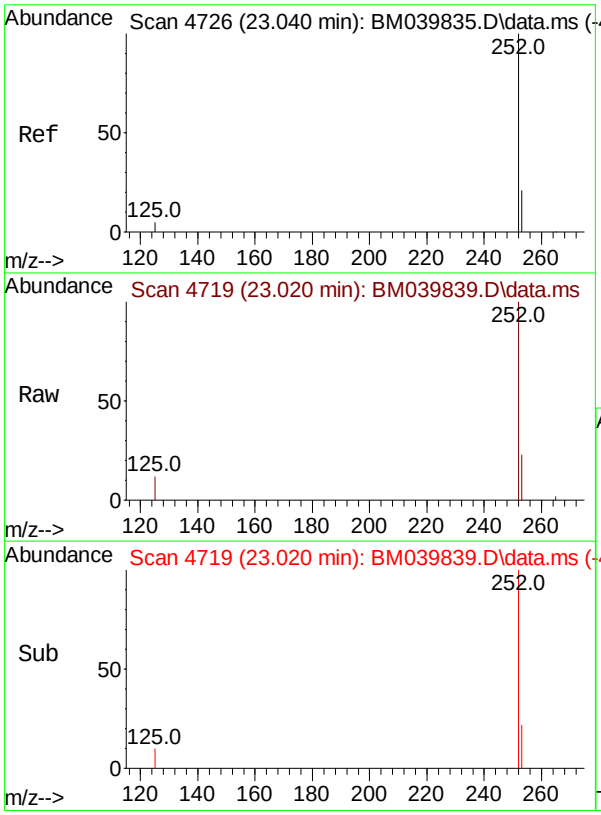


#22
Chrysene
Concen: 5.632 ng/ul
RT: 21.421 min Scan# 4172
Delta R.T. -0.019 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

Tgt Ion:228 Resp: 183708

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.3	36.5
229	21.0	15.9	23.9



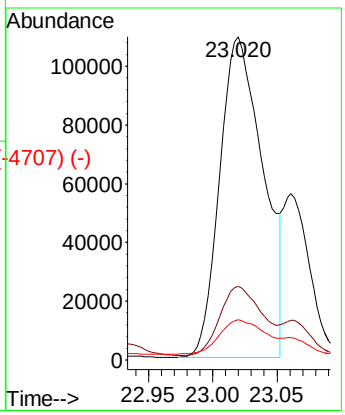


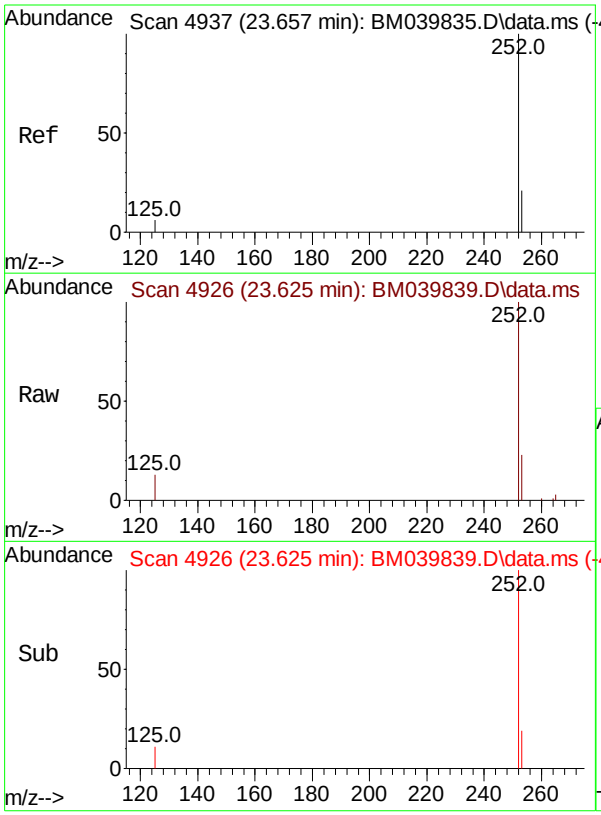
#24
Benzo(b)fluoranthene
Concen: 6.381 ng/ul
RT: 23.020 min Scan# 4
Delta R.T. -0.016 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

Instrument :
BNA_M
ClientSampleId :
EW933DL

Tgt Ion:252 Resp: 256826

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	52.8
125	12.4	0.0	31.6

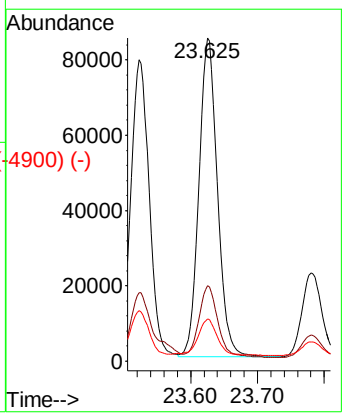


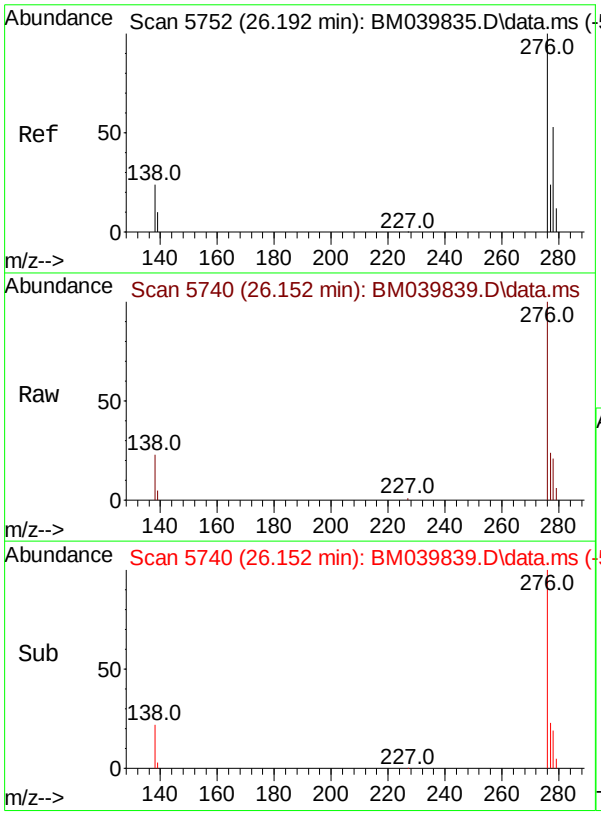


#26
Benzo(a)pyrene
Concen: 4.563 ng/ul
RT: 23.625 min Scan# 4926
Delta R.T. -0.025 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

Tgt Ion:252 Resp: 164872

Ion	Ratio	Lower	Upper
252	100		
253	23.4	24.7	37.1#
125	13.0	16.5	24.7#



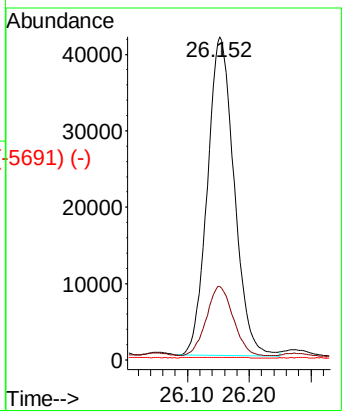


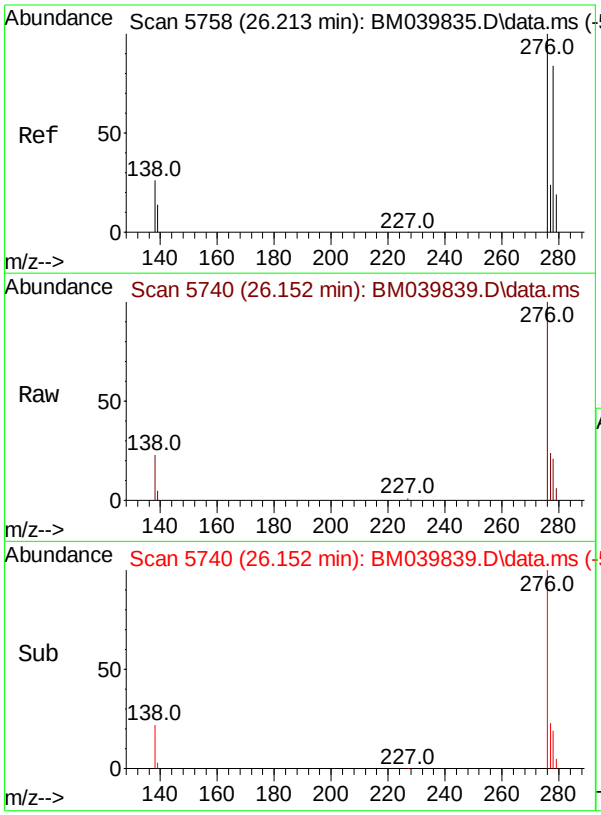
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.749 ng/ul
RT: 26.152 min Scan# 5
Delta R.T. -0.035 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

Instrument :
BNA_M
ClientSampleId :
EW933DL

Tgt Ion:276 Resp: 125626

Ion	Ratio	Lower	Upper
276	100		
138	22.1	21.1	31.7
227	0.2	0.1	0.1#

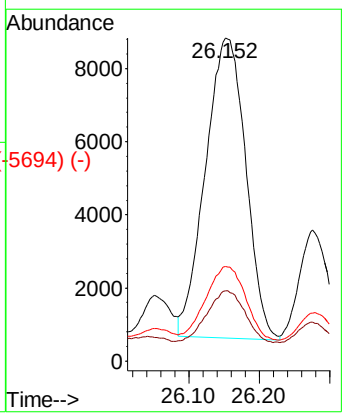


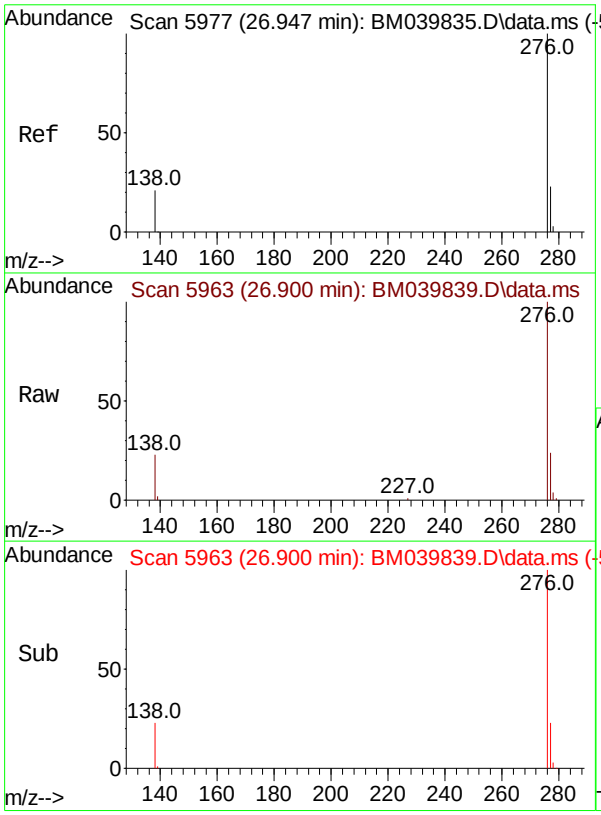


#28
Dibenzo(a,h)anthracene
Concen: 0.921 ng/ul
RT: 26.152 min Scan# 5740
Delta R.T. -0.045 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

Tgt Ion:278 Resp: 32674

Ion	Ratio	Lower	Upper
278	100		
139	21.8	17.0	25.6
279	29.3	23.4	35.2





#29
Benzo(g,h,i)perylene
Concen: 3.137 ng/ul
RT: 26.900 min Scan# 5
Delta R.T. -0.032 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

Instrument :
BNA_M
ClientSampleId :
EW933DL

Tgt Ion:276 Resp: 124883

Ion	Ratio	Lower	Upper
276	100		
138	23.3	20.1	30.1
277	24.0	20.1	30.1