Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
Data File : BM039840.D
Acq On : 05 May 2023 11:31
Operator : CG/JU
Sample : 02447-20DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW938DL

Quant Time: May 06 02:20:33 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	7.800	152	1814	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.601	136	7398	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.437	164	4832	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	12931	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.388	240	10068	0.400	ng/ul	#-0.02
23) Perylene-d12	23.735	264	11160	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	587	0.220	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	8	0.001	ng/ul	0.09
18) Fluoranthene-d10	19.225	212	774	0.029	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.650	128	2812	0.151	ng/ul#	84
7) 2-Methylnaphthalene	12.283	142	2030	0.189	ng/ul	97
8) 1-Methylnaphthalene	12.487	142	1381	0.120	ng/ul	100
10) Acenaphthylene	14.159	152	3919	0.210	ng/ul#	91
11) Acenaphthene	14.502	153	2614	0.178	ng/ul	99
12) Fluorene	15.496	166	3061	0.188	ng/ul#	97
15) Phenanthrene	17.229	178	71415	2.096	ng/ul	99
16) Anthracene	17.326	178	15060	0.515	ng/ul	98
19) Fluoranthene	19.253	202	171604	4.778	ng/ul	99
20) Pyrene	19.620	202	161421	4.162	ng/ul	98
21) Benzo(a)anthracene	21.373	228	104258	3.602	ng/ul	98
22) Chrysene	21.426	228	109147	3.332	ng/ul	98
24) Benzo(b)fluoranthene	23.021	252	186648	4.762	ng/ul	94
26) Benzo(a)pyrene	23.627	252	108729	3.090	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.154	276	93023	2.091	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.161	278	23386	0.677	ng/ul	96
29) Benzo(g,h,i)perylene	26.902	276	94168	2.429	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
Data File : BM039840.D
Acq On : 05 May 2023 11:31
Operator : CG/JU
Sample : 02447-20DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
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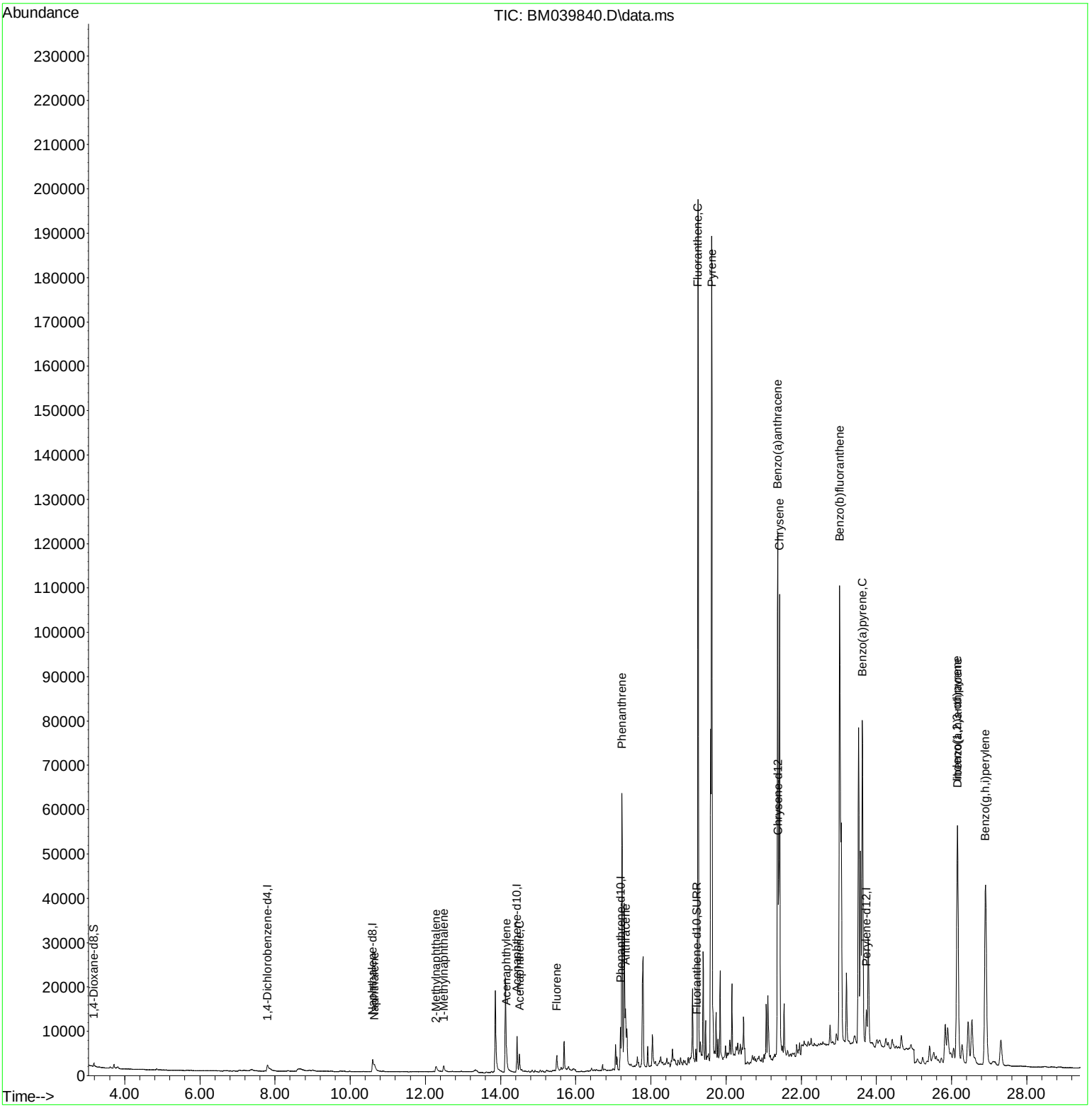
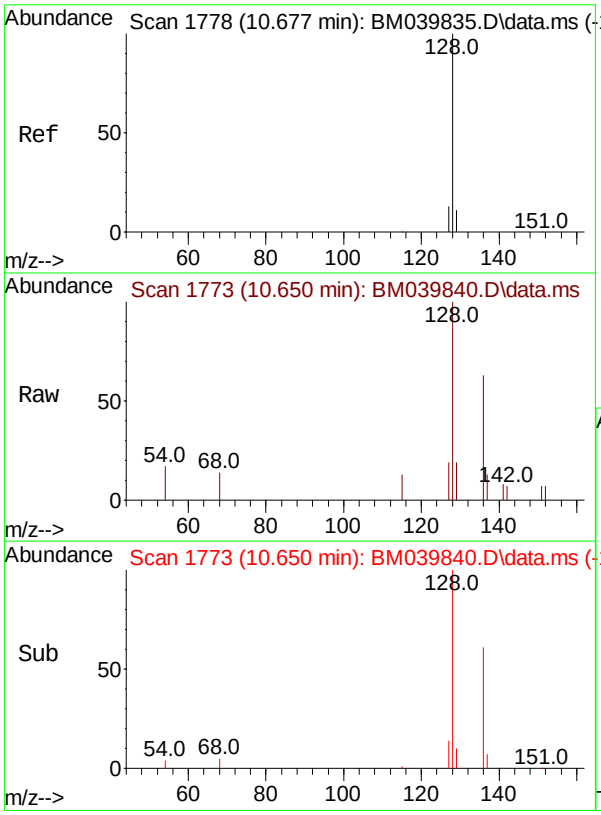
EW938DL

Quant Time: May 06 02:20:33 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



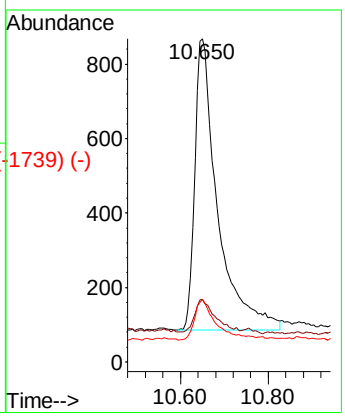


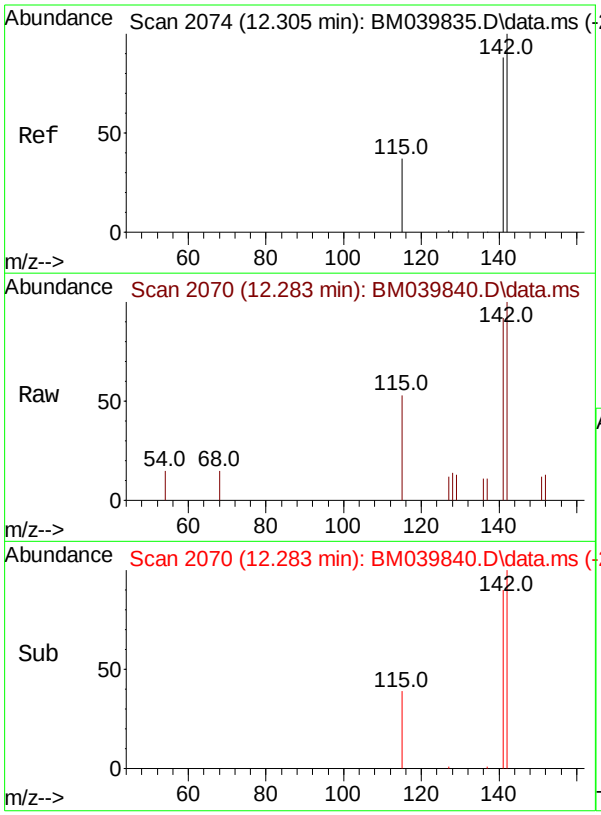
#5
Naphthalene
Concen: 0.151 ng/ul
RT: 10.650 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM039840.D
Acq: 05 May 2023 11:31

Instrument :
BNA_M
ClientSampleId :
EW938DL

Tgt Ion:128 Resp: 2812

Ion	Ratio	Lower	Upper
128	100		
129	19.5	9.8	14.6#
127	19.4	11.1	16.7#

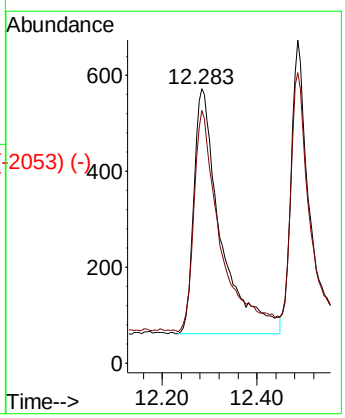


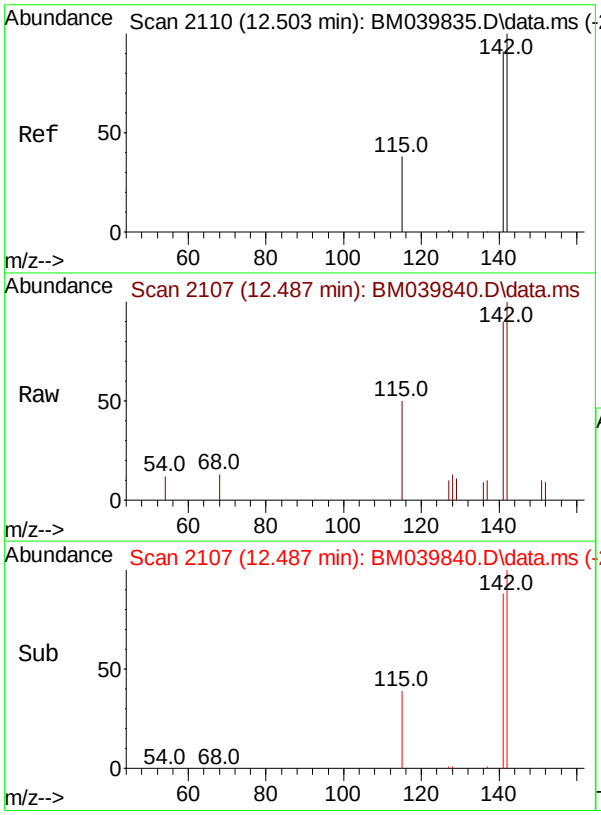


#7
2-Methylnaphthalene
Concen: 0.189 ng/ul
RT: 12.283 min Scan# 2070
Delta R.T. -0.005 min
Lab File: BM039840.D
Acq: 05 May 2023 11:31

Tgt Ion:142 Resp: 2030

Ion	Ratio	Lower	Upper
142	100		
141	88.4	73.2	109.8



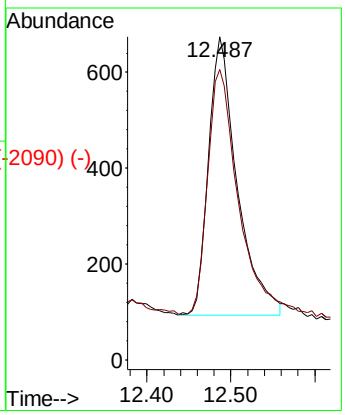


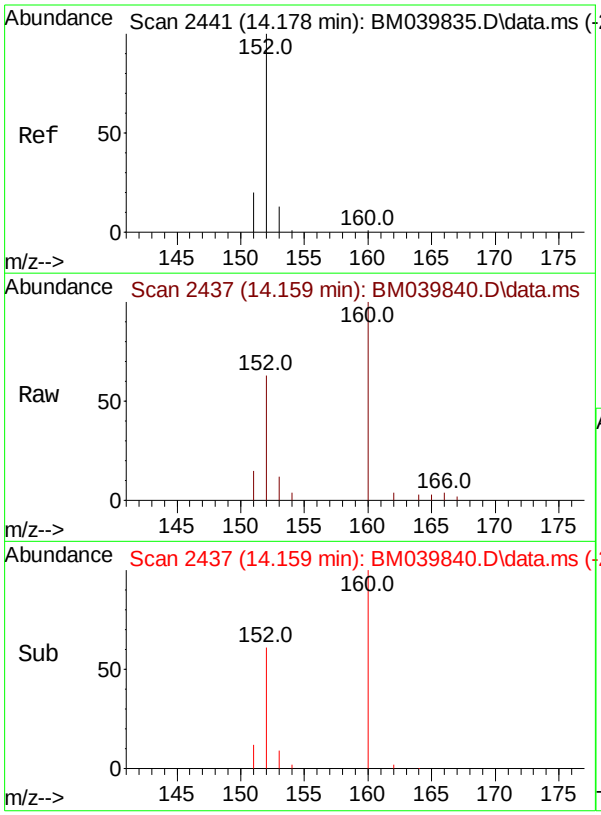
#8
1-Methylnaphthalene
Concen: 0.120 ng/ul
RT: 12.487 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM039840.D
Acq: 05 May 2023 11:31

Instrument :
BNA_M
ClientSampleId :
EW938DL

Tgt Ion:142 Resp: 1381

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.4	110.2

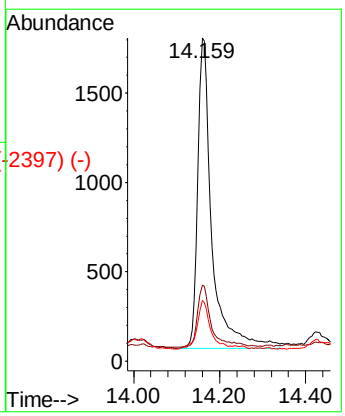


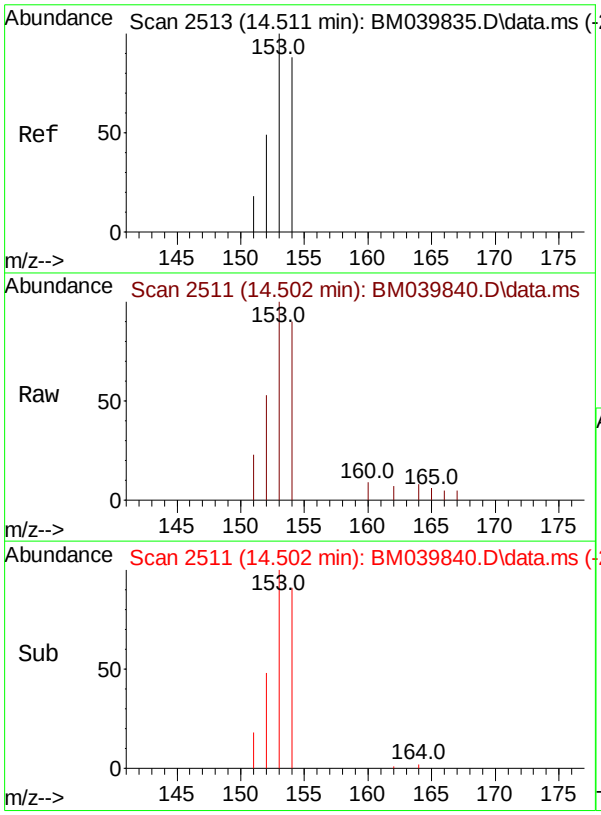


#10
Acenaphthylene
Concen: 0.210 ng/ul
RT: 14.159 min Scan# 2437
Delta R.T. -0.014 min
Lab File: BM039840.D
Acq: 05 May 2023 11:31

Tgt Ion:152 Resp: 3919

Ion	Ratio	Lower	Upper
152	100		
151	23.5	16.0	24.0
153	18.7	11.2	16.8#



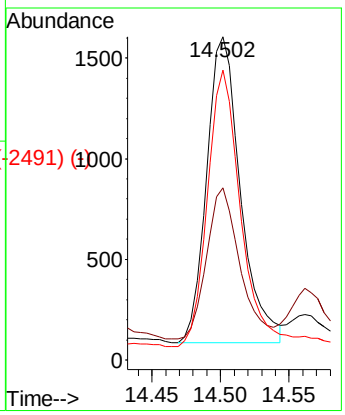


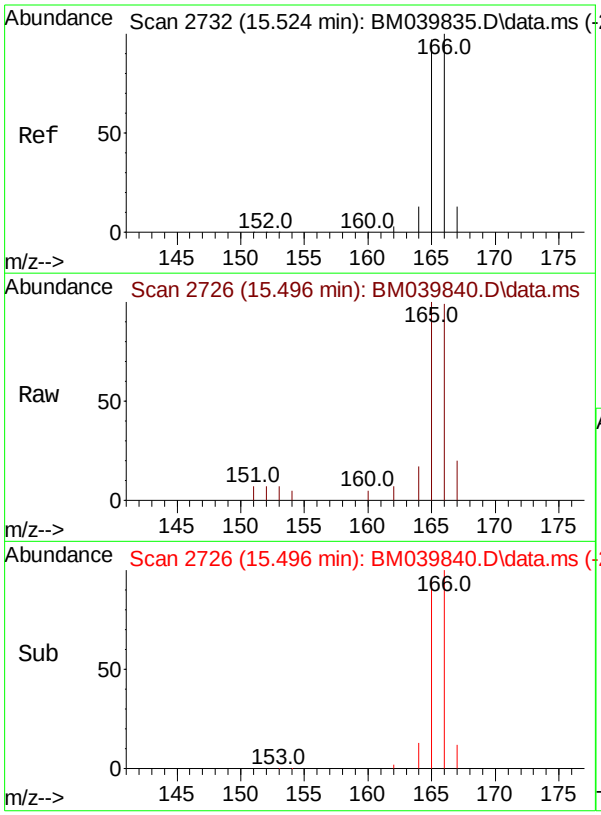
#11
Acenaphthene
Concen: 0.178 ng/ul
RT: 14.502 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM039840.D
Acq: 05 May 2023 11:31

Instrument :
BNA_M
ClientSampleId :
EW938DL

Tgt Ion:153 Resp: 2614

Ion	Ratio	Lower	Upper
153	100		
152	53.2	40.6	61.0
154	89.7	71.9	107.9

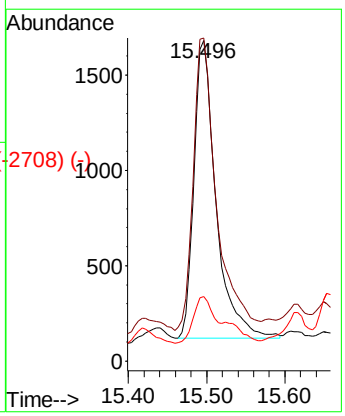


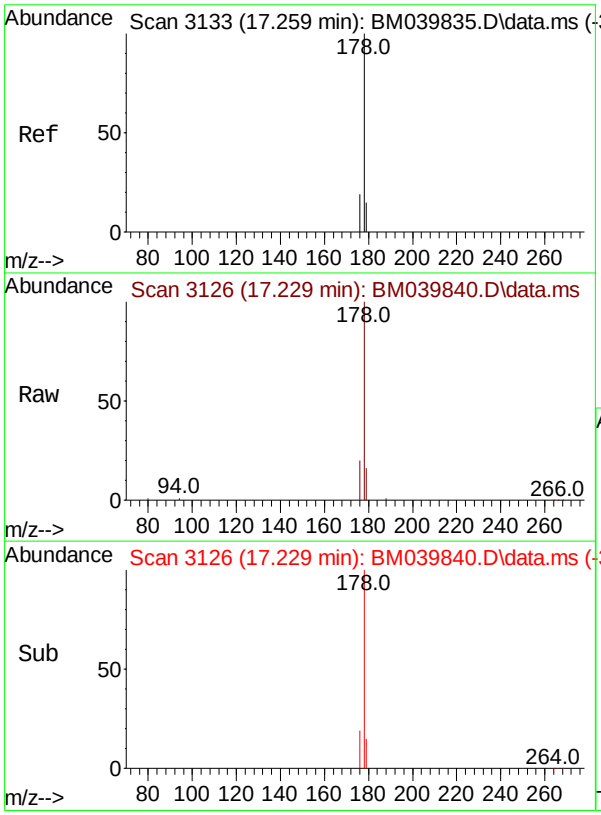


#12
Fluorene
Concen: 0.188 ng/ul
RT: 15.496 min Scan# 2726
Delta R.T. -0.018 min
Lab File: BM039840.D
Acq: 05 May 2023 11:31

Tgt Ion:166 Resp: 3061

Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.0	118.6
167	20.0	11.8	17.6#



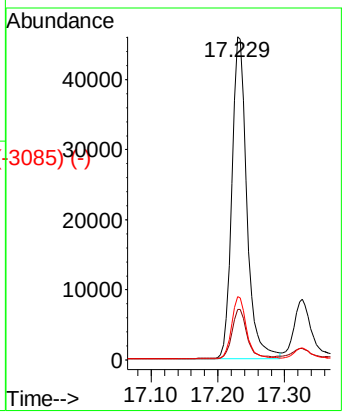


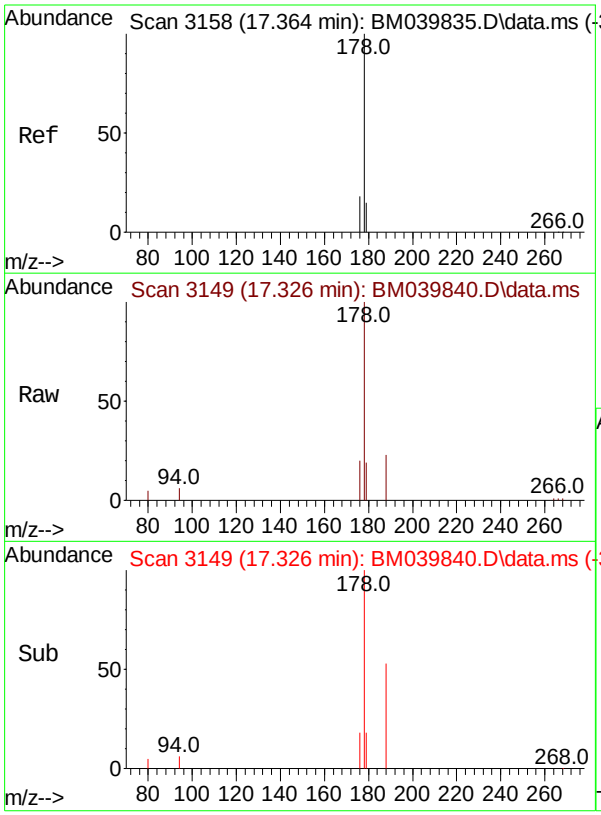
#15
Phenanthrene
Concen: 2.096 ng/ul
RT: 17.229 min Scan# 1
Delta R.T. -0.025 min
Lab File: BM039840.D
Acq: 05 May 2023 11:31

Instrument :
BNA_M
ClientSampleId :
EW938DL

Tgt Ion:178 Resp: 71415

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.0	19.6
176	19.6	15.8	23.8

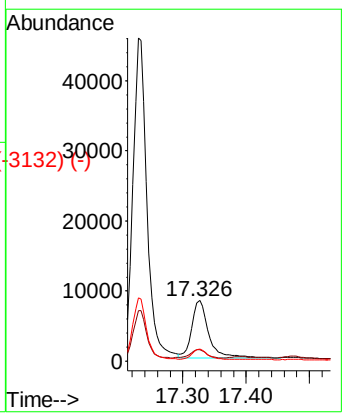


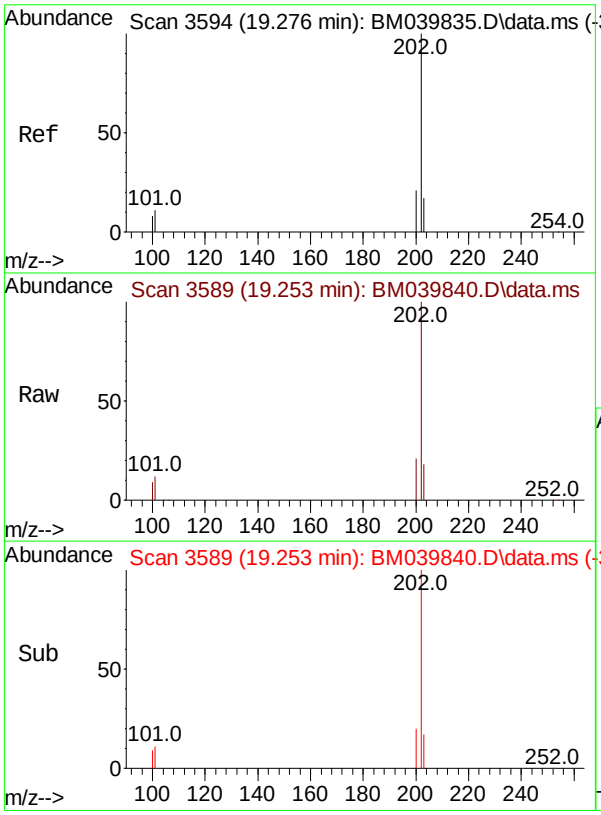


#16
Anthracene
Concen: 0.515 ng/ul
RT: 17.326 min Scan# 3149
Delta R.T. -0.030 min
Lab File: BM039840.D
Acq: 05 May 2023 11:31

Tgt Ion:178 Resp: 15060

Ion	Ratio	Lower	Upper
178	100		
179	18.8	13.8	20.6
176	19.6	15.8	23.8



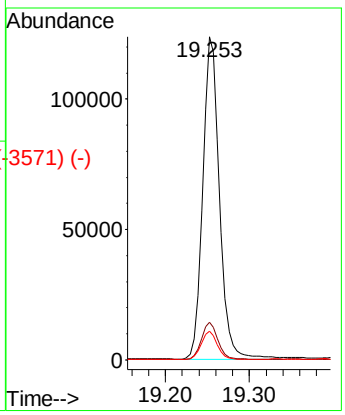


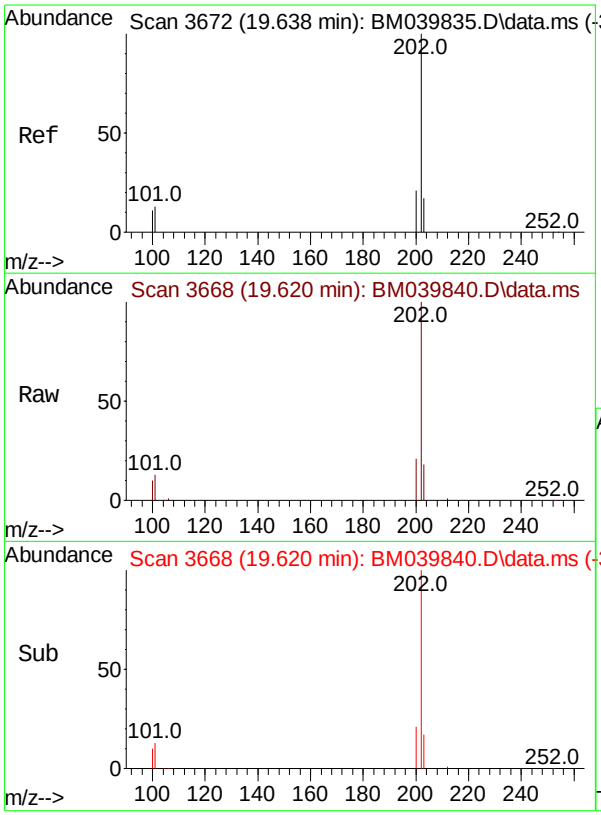
#19
Fluoranthene
Concen: 4.778 ng/ul
RT: 19.253 min Scan# 1
Delta R.T. -0.019 min
Lab File: BM039840.D
Acq: 05 May 2023 11:31

Instrument :
BNA_M
ClientSampleId :
EW938DL

Tgt Ion:202 Resp: 171604

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.8	14.8
100	8.8	7.3	10.9

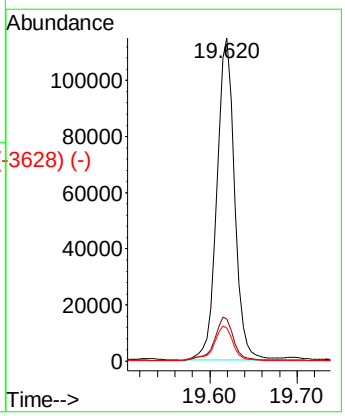


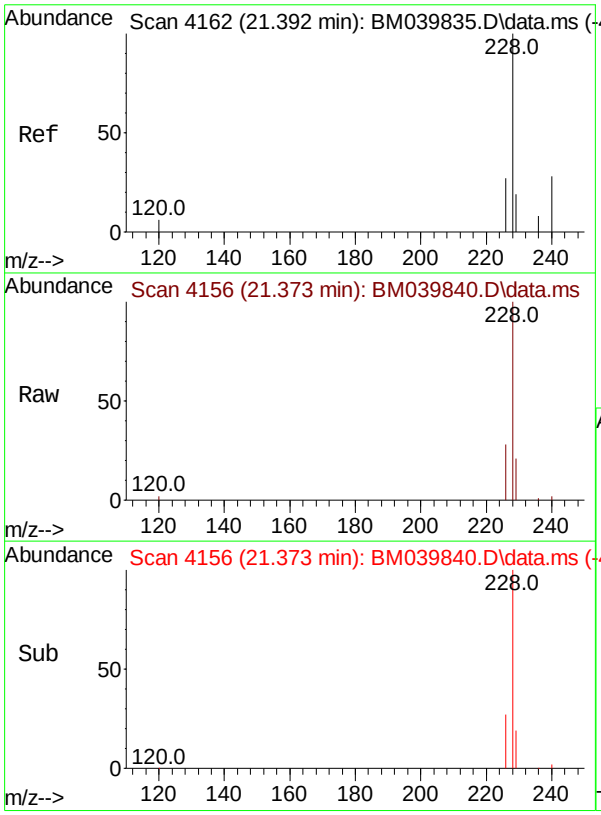


#20
Pyrene
Concen: 4.162 ng/ul
RT: 19.620 min Scan# 3668
Delta R.T. -0.014 min
Lab File: BM039840.D
Acq: 05 May 2023 11:31

Tgt Ion:202 Resp: 161421

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.9	16.3
100	10.3	8.9	13.3



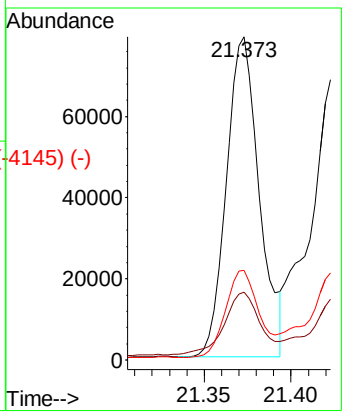


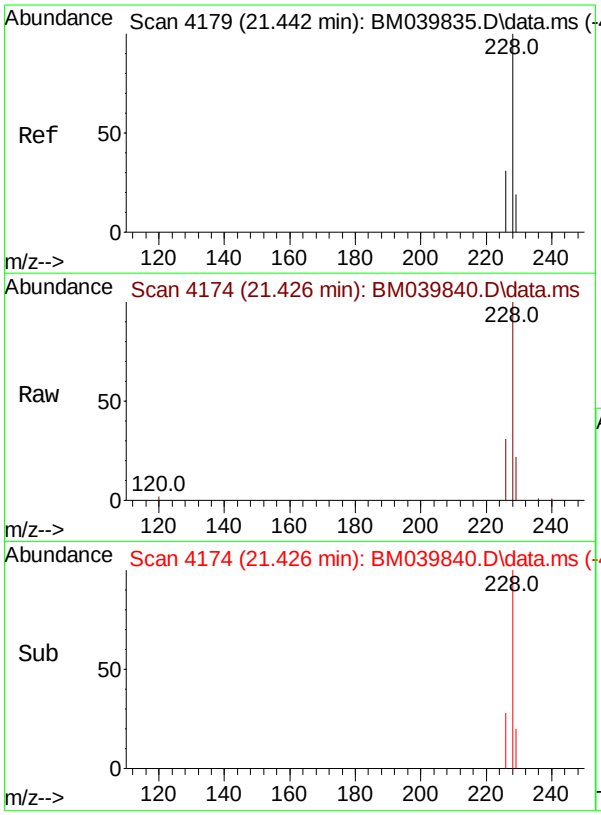
#21
Benzo(a)anthracene
Concen: 3.602 ng/ul
RT: 21.373 min Scan# 4
Delta R.T. -0.017 min
Lab File: BM039840.D
Acq: 05 May 2023 11:31

Instrument :
BNA_M
ClientSampleId :
EW938DL

Tgt Ion:228 Resp: 104258

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.2	24.2
226	27.7	21.6	32.4

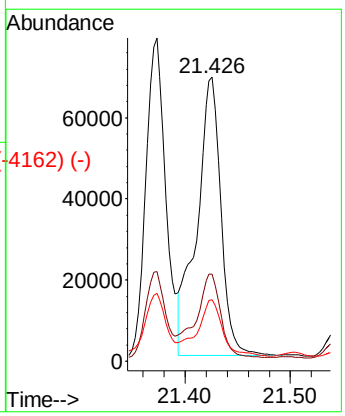


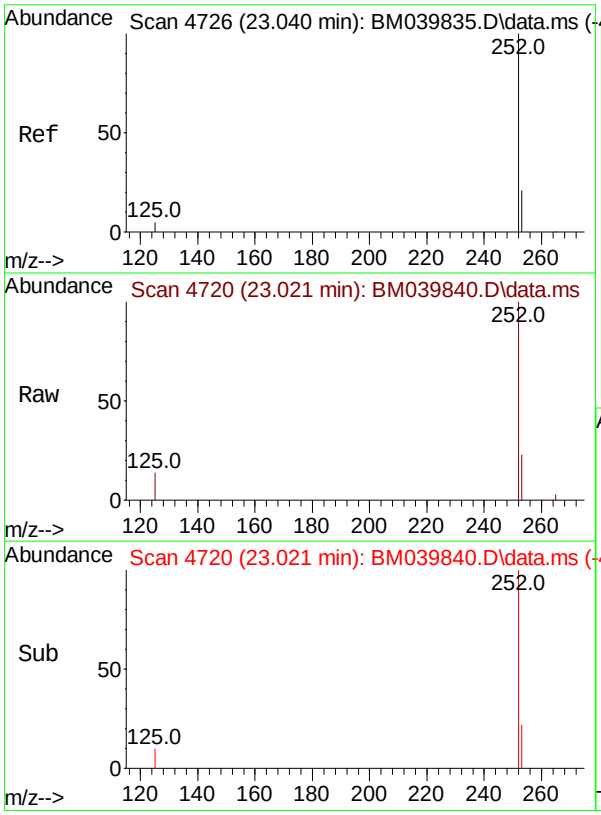


#22
Chrysene
Concen: 3.332 ng/ul
RT: 21.426 min Scan# 4174
Delta R.T. -0.015 min
Lab File: BM039840.D
Acq: 05 May 2023 11:31

Tgt Ion:228 Resp: 109147

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	21.7	15.9	23.9



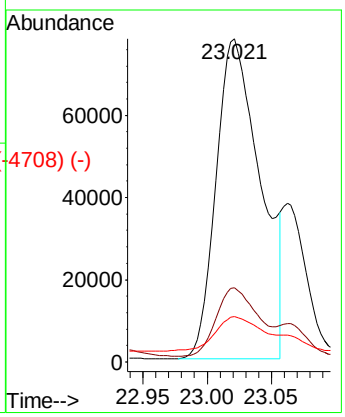


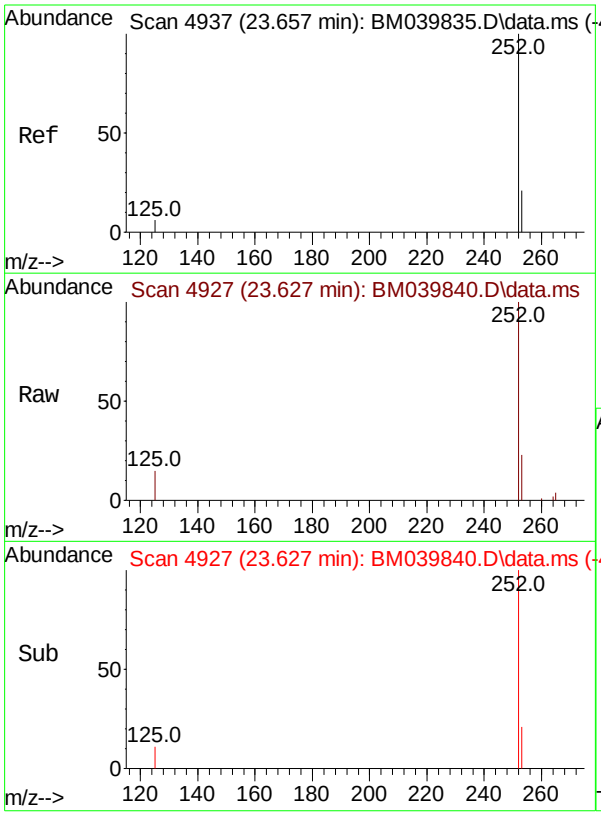
#24
Benzo(b)fluoranthene
Concen: 4.762 ng/ul
RT: 23.021 min Scan# 4
Delta R.T. -0.015 min
Lab File: BM039840.D
Acq: 05 May 2023 11:31

Instrument :
BNA_M
ClientSampleId :
EW938DL

Tgt Ion:252 Resp: 186648

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	52.8
125	13.9	0.0	31.6

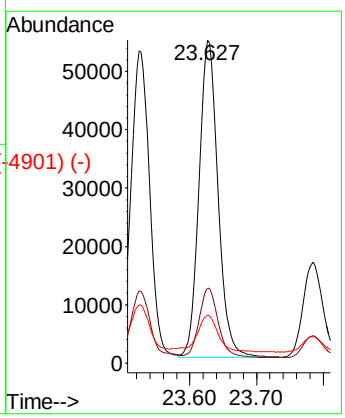


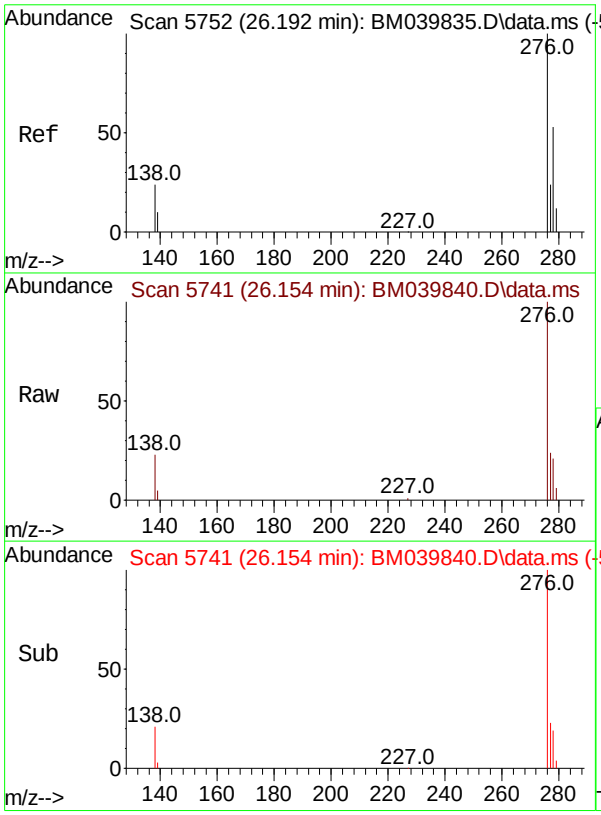


#26
Benzo(a)pyrene
Concen: 3.090 ng/ul
RT: 23.627 min Scan# 4927
Delta R.T. -0.023 min
Lab File: BM039840.D
Acq: 05 May 2023 11:31

Tgt Ion:252 Resp: 108729

Ion	Ratio	Lower	Upper
252	100		
253	23.1	24.7	37.1#
125	14.9	16.5	24.7#



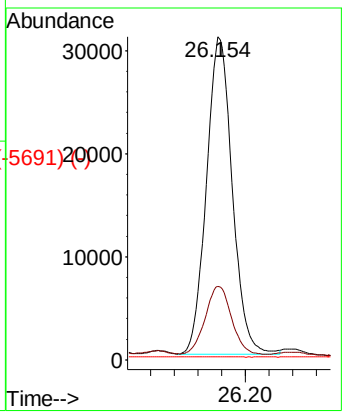


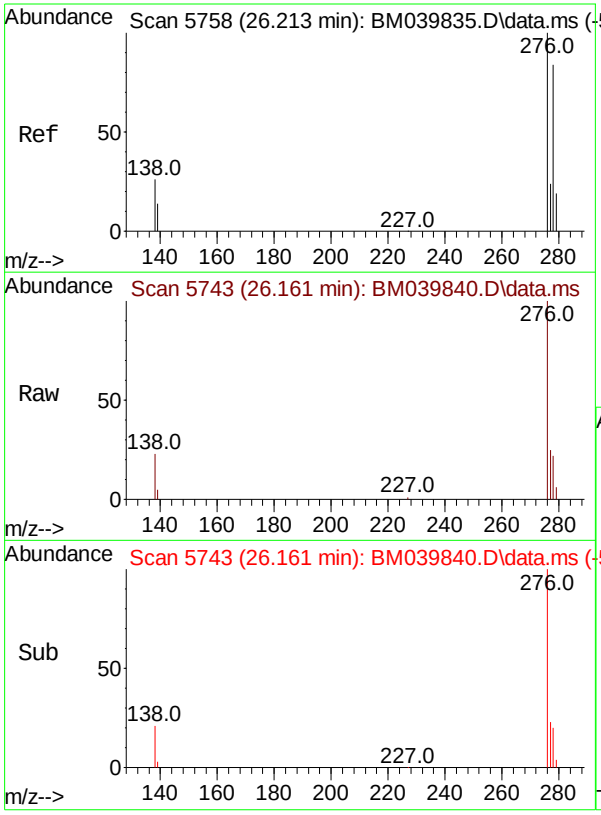
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.091 ng/ul
RT: 26.154 min Scan# 5
Delta R.T. -0.033 min
Lab File: BM039840.D
Acq: 05 May 2023 11:31

Instrument :
BNA_M
ClientSampleId :
EW938DL

Tgt Ion:276 Resp: 93023

Ion	Ratio	Lower	Upper
276	100		
138	21.9	21.1	31.7
227	0.0	0.1	0.1#

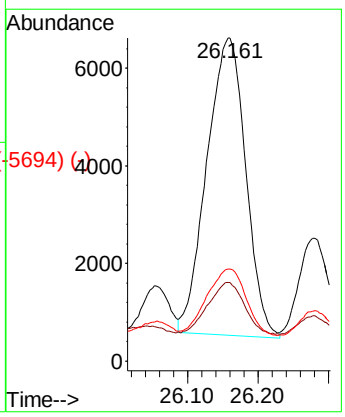


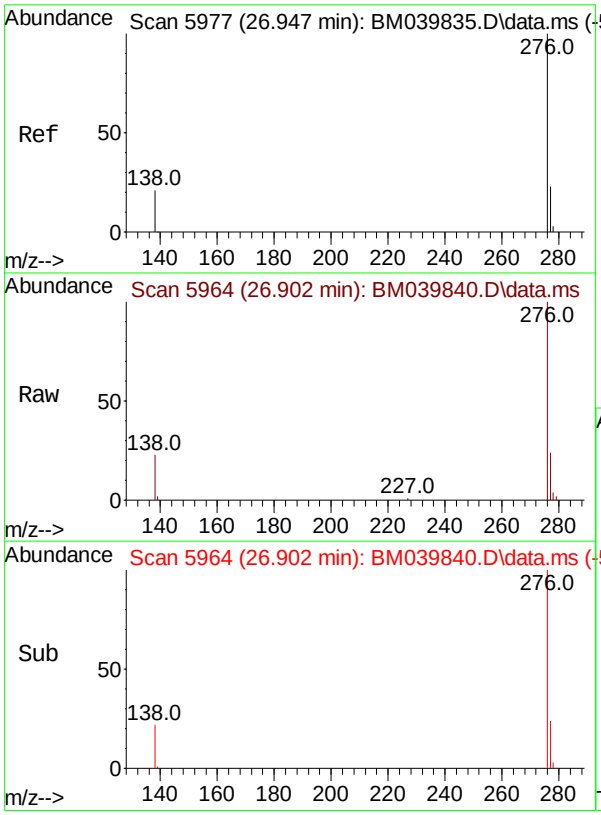


#28
Dibenzo(a,h)anthracene
Concen: 0.677 ng/ul
RT: 26.161 min Scan# 5743
Delta R.T. -0.037 min
Lab File: BM039840.D
Acq: 05 May 2023 11:31

Tgt Ion:278 Resp: 23386

Ion	Ratio	Lower	Upper
278	100		
139	24.3	17.0	25.6
279	28.4	23.4	35.2





#29
Benzo(g,h,i)perylene
Concen: 2.429 ng/ul
RT: 26.902 min Scan# 5
Delta R.T. -0.030 min
Lab File: BM039840.D
Acq: 05 May 2023 11:31

Instrument :
BNA_M
ClientSampleId :
EW938DL

Tgt Ion:276 Resp: 94168

Ion	Ratio	Lower	Upper
276	100		
138	23.3	20.1	30.1
277	24.5	20.1	30.1