Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
Data File : BM041858.D
Acq On : 14 Sep 2023 08:53
Operator : MA/JU
Sample : 04175-22RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EZYW5RE

Quant Time: Sep 15 00:27:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 13 16:15:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	4513	0.400	ng/ul	0.00
4) Naphthalene-d8	10.785	136	11344	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.611	164	6007	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.362	188	13321	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	8704	0.400	ng/ul	0.00
23) Perylene-d12	23.950	264	8593	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	4653	0.811	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	726	0.047	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	1651	0.055	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.834	128	8720	0.228	ng/ul	99
7) 2-Methylnaphthalene	12.440	142	5380	0.234	ng/ul	99
8) 1-Methylnaphthalene	12.660	142	4011	0.171	ng/ul	99
10) Acenaphthylene	14.338	152	1521	0.040	ng/ul#	78
11) Acenaphthene	14.675	153	3354	0.116	ng/ul	97
12) Fluorene	15.661	166	3369	0.100	ng/ul#	98
15) Phenanthrene	17.405	178	57232	0.984	ng/ul	100
16) Anthracene	17.497	178	10293	0.203	ng/ul	98
19) Fluoranthene	19.413	202	126255	1.873	ng/ul	100
20) Pyrene	19.780	202	112777	1.598	ng/ul	100
21) Benzo(a)anthracene	21.518	228	52169	0.908	ng/ul	99
22) Chrysene	21.571	228	56187	0.956	ng/ul	97
24) Benzo(b)fluoranthene	23.205	252	83273	1.362	ng/ul	98
26) Benzo(a)pyrene	23.839	252	51092	1.096	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.444	276	39081	0.545	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.458	278	9263	0.175	ng/ul#	84
29) Benzo(g,h,i)perylene	27.223	276	34451	0.568	ng/ul	99

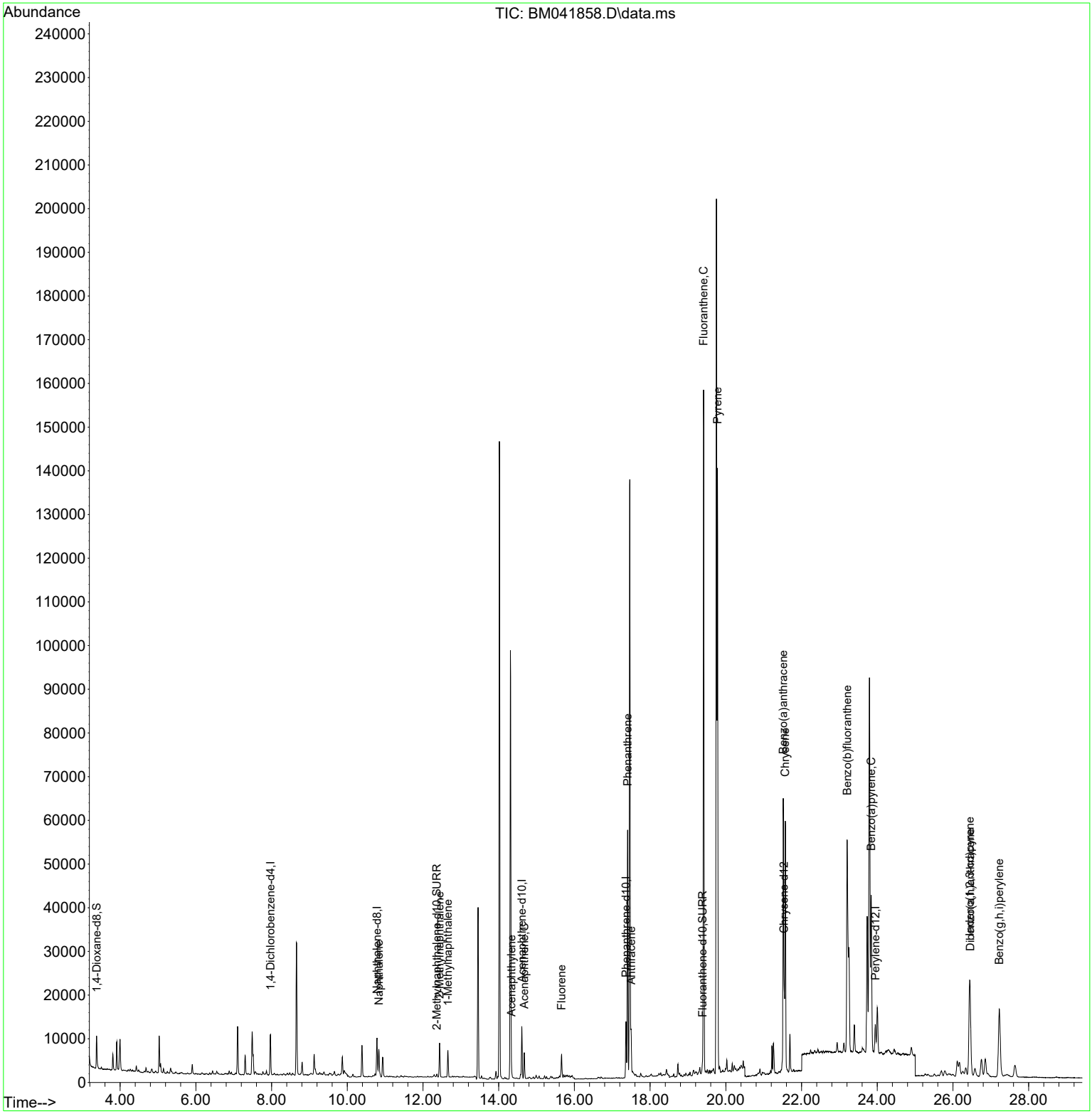
(#) = qualifier out of range (m) = manual integration (+) = signals summed

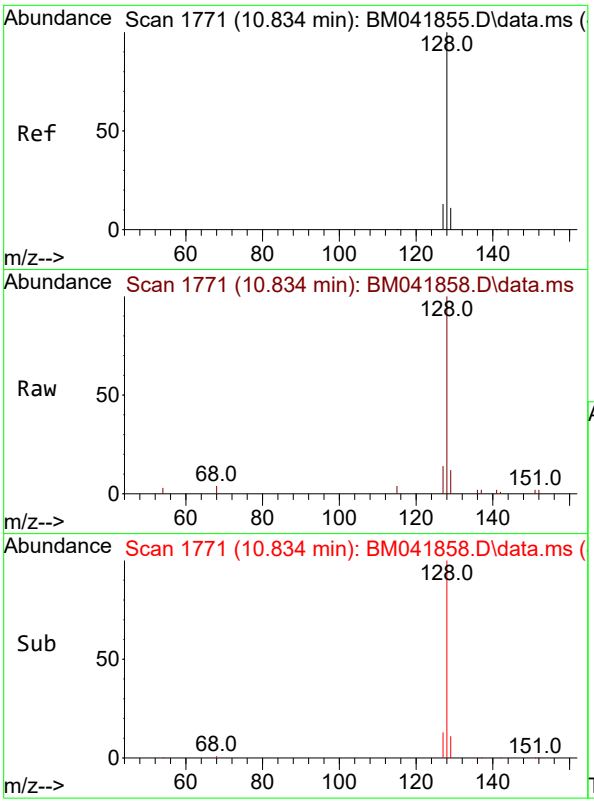
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
Data File : BM041858.D
Acq On : 14 Sep 2023 08:53
Operator : MA/JU
Sample : 04175-22RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EZYW5RE

Quant Time: Sep 15 00:27:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 13 16:15:23 2023
Response via : Initial Calibration



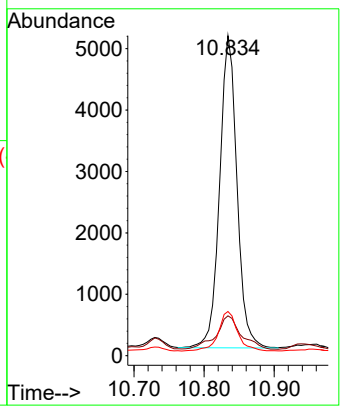


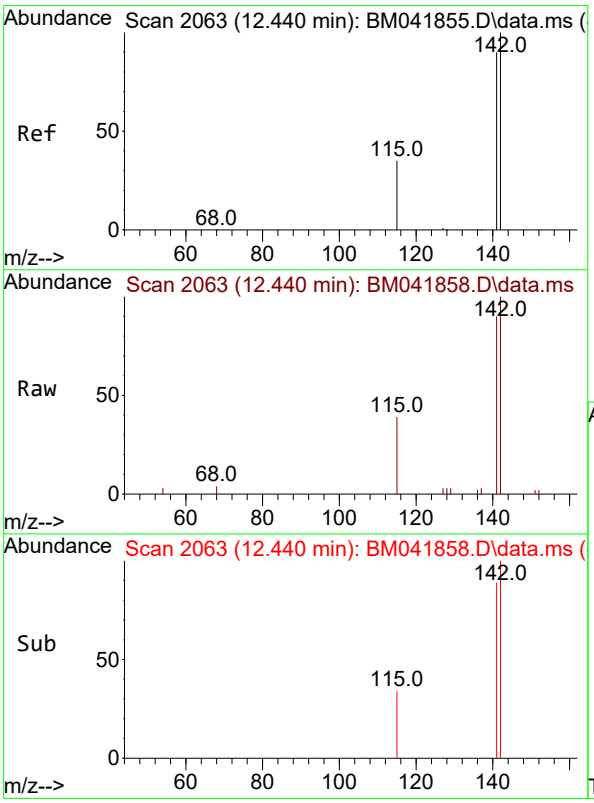
#5
Naphthalene
Concen: 0.228 ng/ul
RT: 10.834 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041858.D
Acq: 14 Sep 2023 08:53

Instrument :
BNA_M
ClientSampleId :
EZYW5RE

Tgt Ion:128 Resp: 8720

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.5	14.3
127	13.8	10.7	16.1

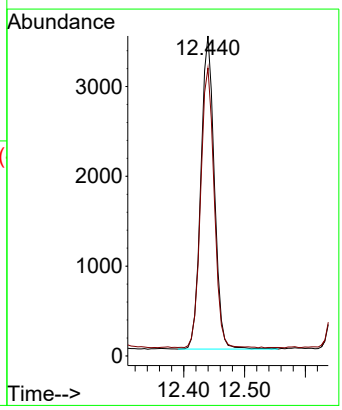


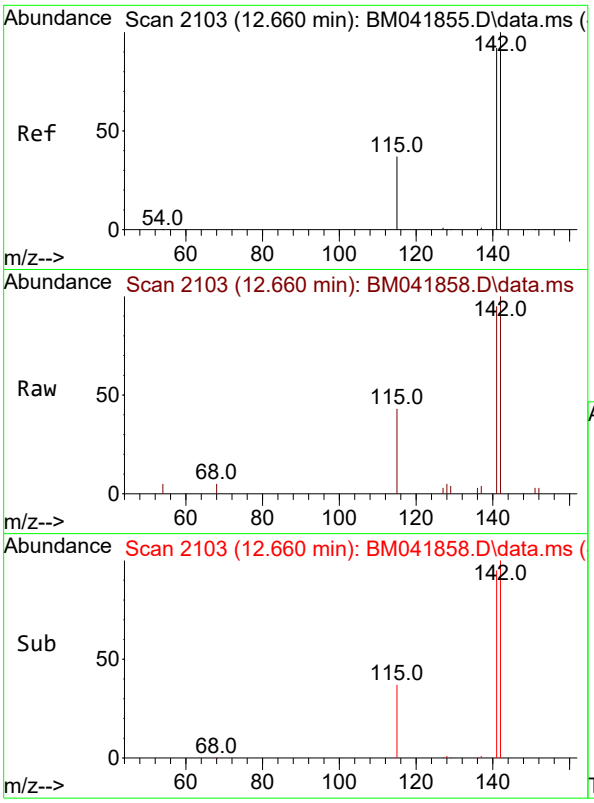


#7
2-Methylnaphthalene
Concen: 0.234 ng/ul
RT: 12.440 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BM041858.D
Acq: 14 Sep 2023 08:53

Tgt Ion:142 Resp: 5380

Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.1	108.1



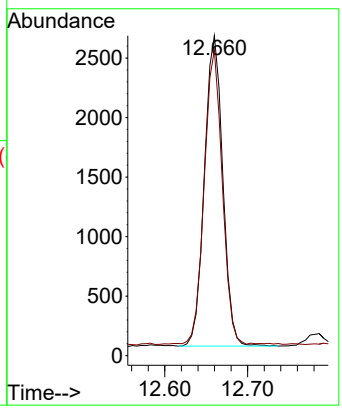


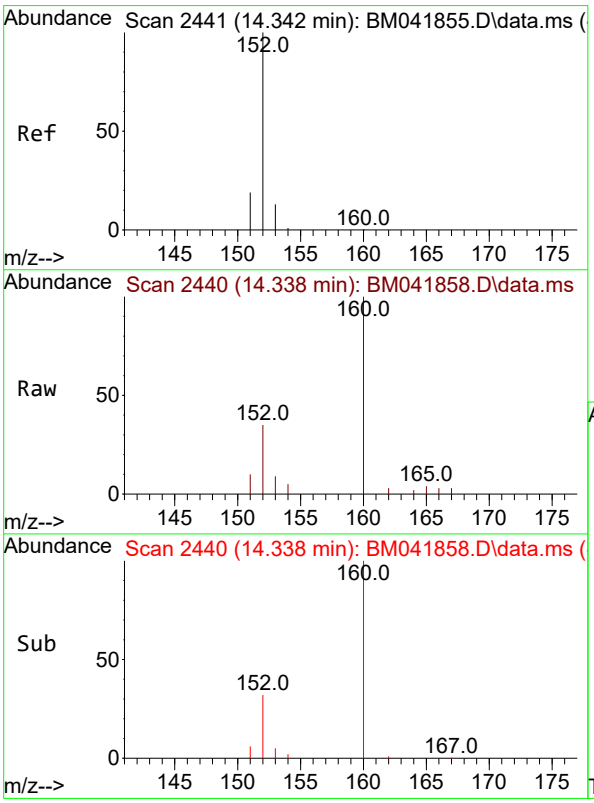
#8
1-Methylnaphthalene
Concen: 0.171 ng/ul
RT: 12.660 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041858.D
Acq: 14 Sep 2023 08:53

Instrument :
BNA_M
ClientSampleId :
EZYW5RE

Tgt Ion:142 Resp: 4011

Ion	Ratio	Lower	Upper
142	100		
141	93.5	74.3	111.5

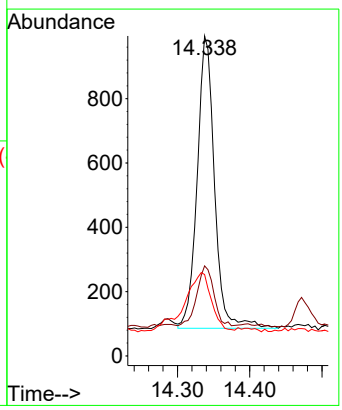


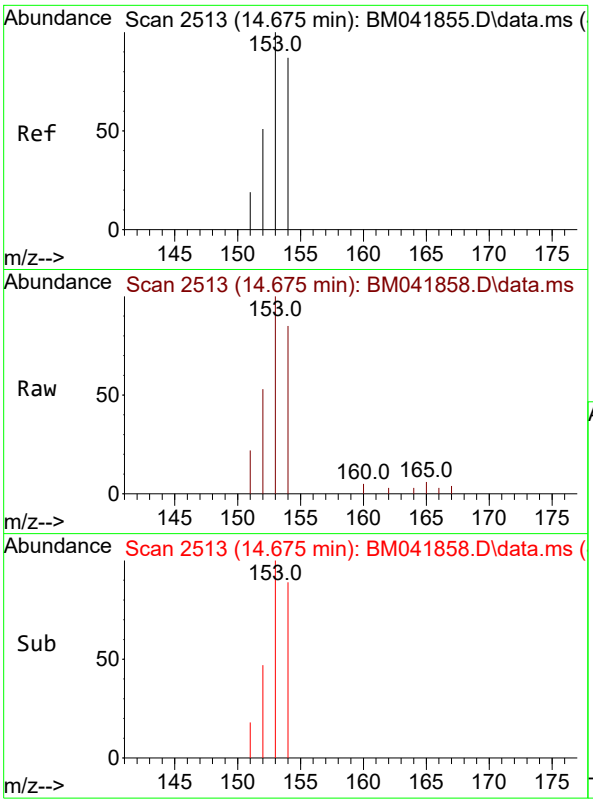


#10
Acenaphthylene
Concen: 0.040 ng/ul
RT: 14.338 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BM041858.D
Acq: 14 Sep 2023 08:53

Tgt Ion:152 Resp: 1521

Ion	Ratio	Lower	Upper
152	100		
151	28.1	16.3	24.5#
153	25.4	10.9	16.3#



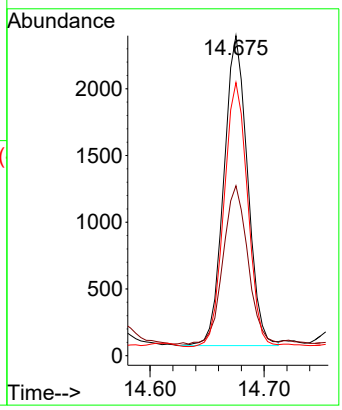


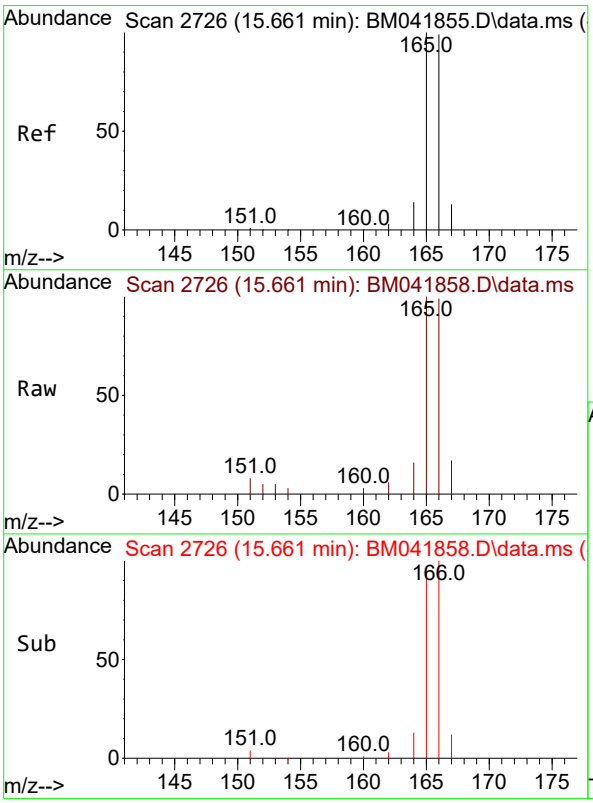
#11
Acenaphthene
Concen: 0.116 ng/ul
RT: 14.675 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM041858.D
Acq: 14 Sep 2023 08:53

Instrument :
BNA_M
ClientSampleId :
EZYW5RE

Tgt Ion:153 Resp: 3354

Ion	Ratio	Lower	Upper
153	100		
152	53.1	41.5	62.3
154	85.4	70.7	106.1

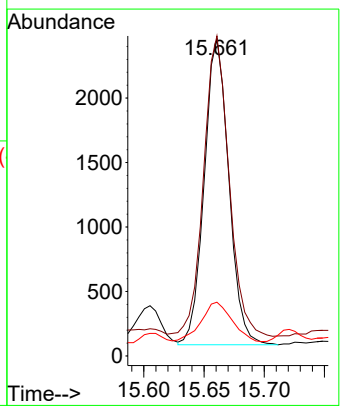


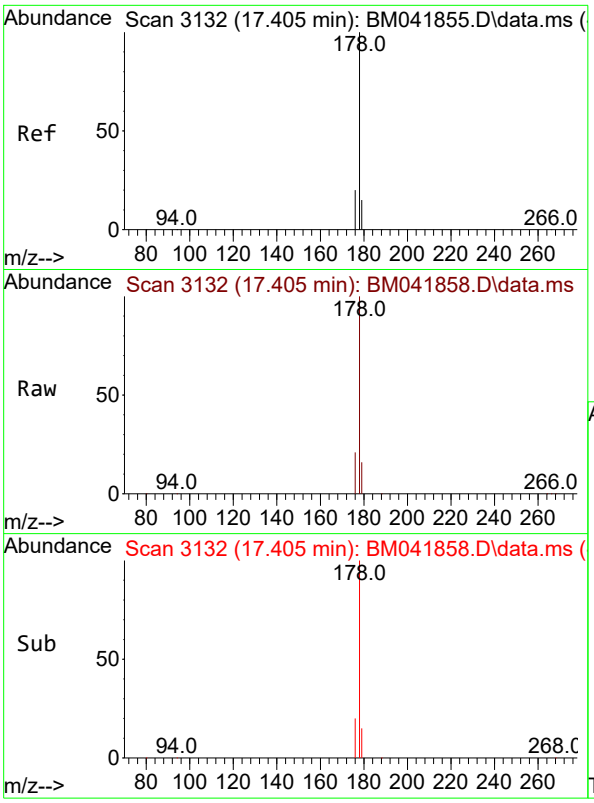


#12
Fluorene
Concen: 0.100 ng/ul
RT: 15.661 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BM041858.D
Acq: 14 Sep 2023 08:53

Tgt Ion:166 Resp: 3369

Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.3	118.9
167	17.0	11.2	16.8#



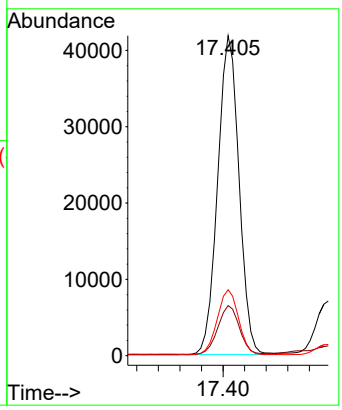


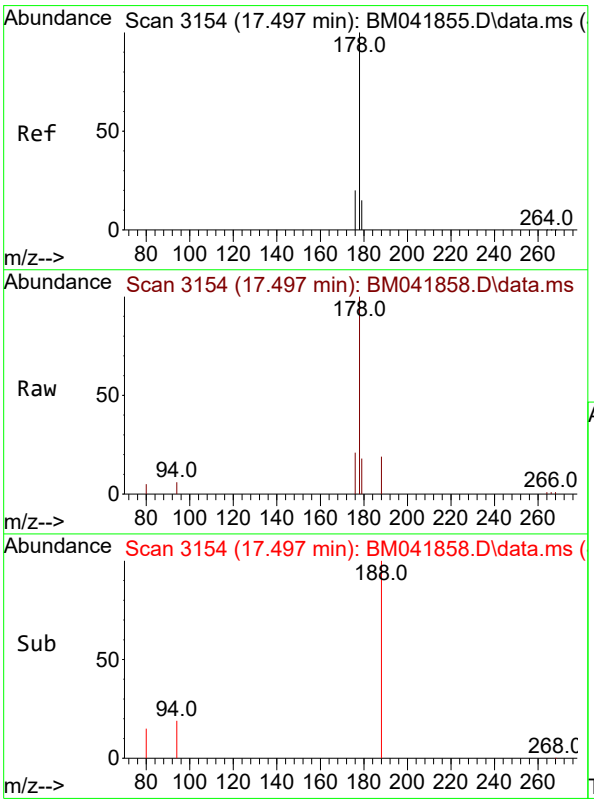
#15
Phenanthrene
Concen: 0.984 ng/ul
RT: 17.405 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM041858.D
Acq: 14 Sep 2023 08:53

Instrument :
BNA_M
ClientSampleId :
EZYW5RE

Tgt Ion:178 Resp: 57232

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	20.6	16.6	25.0

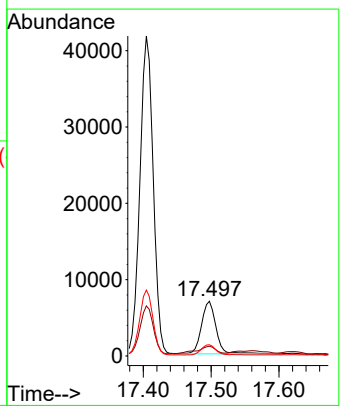


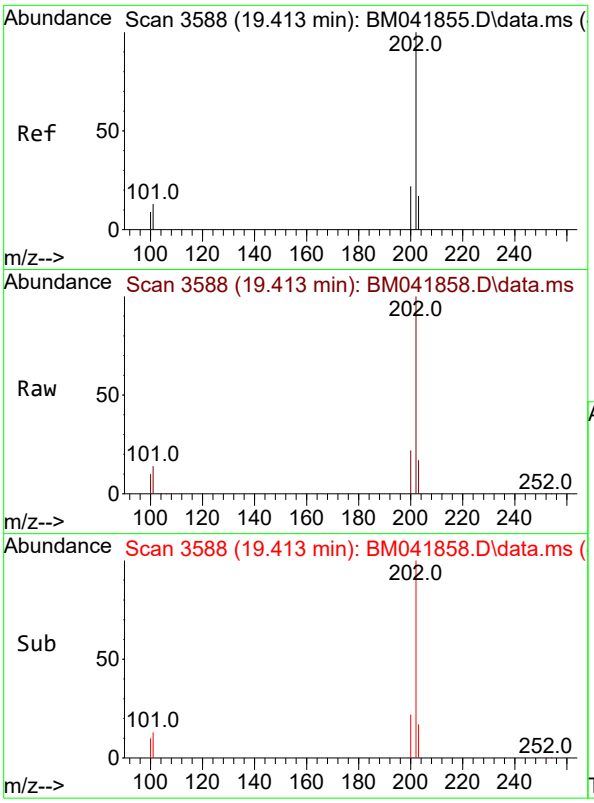


#16
Anthracene
Concen: 0.203 ng/ul
RT: 17.497 min Scan# 3154
Delta R.T. -0.004 min
Lab File: BM041858.D
Acq: 14 Sep 2023 08:53

Tgt Ion:178 Resp: 10293

Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.7	19.1
176	20.6	16.1	24.1



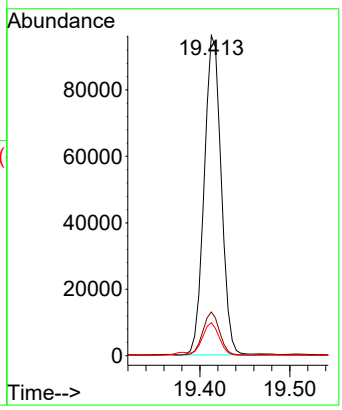


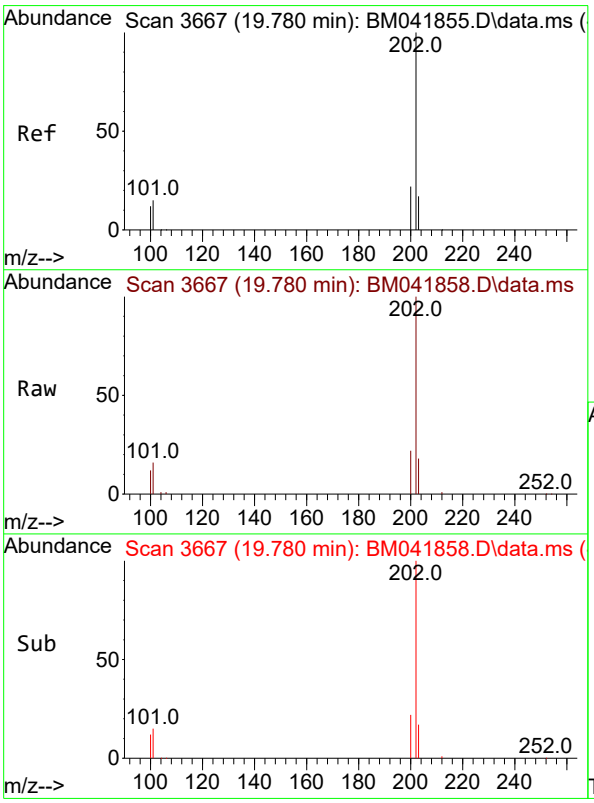
#19
Fluoranthene
Concen: 1.873 ng/ul
RT: 19.413 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM041858.D
Acq: 14 Sep 2023 08:53

Instrument :
BNA_M
ClientSampleId :
EZYW5RE

Tgt Ion:202 Resp: 126255

Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.0	16.6
100	10.3	8.2	12.4

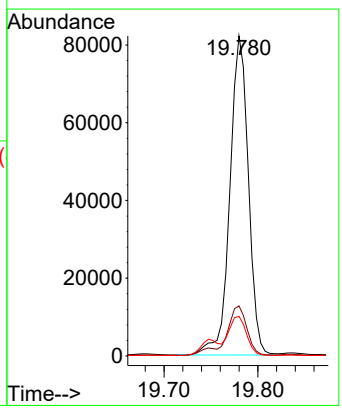


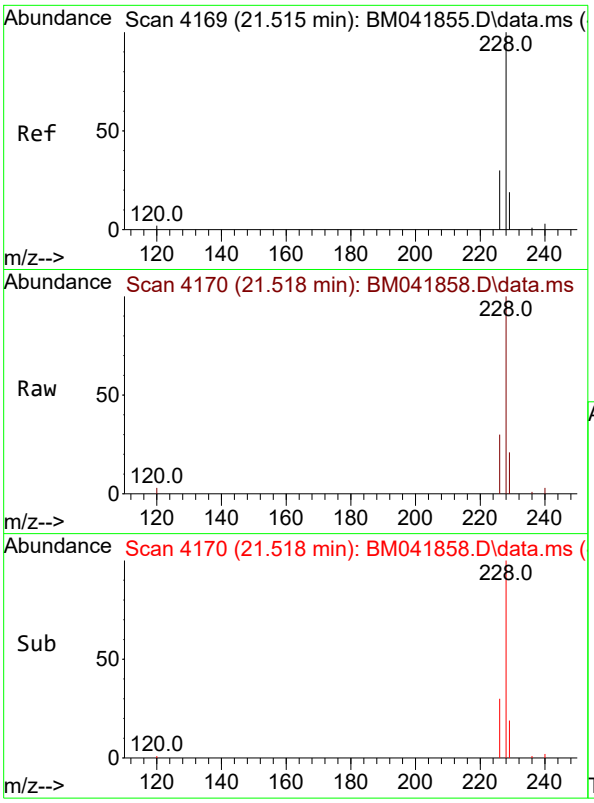


#20
Pyrene
Concen: 1.598 ng/ul
RT: 19.780 min Scan# 3667
Delta R.T. -0.005 min
Lab File: BM041858.D
Acq: 14 Sep 2023 08:53

Tgt Ion:202 Resp: 112777

Ion	Ratio	Lower	Upper
202	100		
101	15.6	12.6	19.0
100	12.4	9.9	14.9



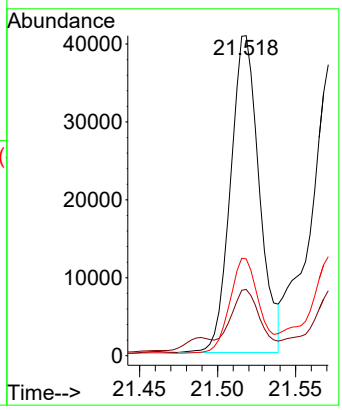


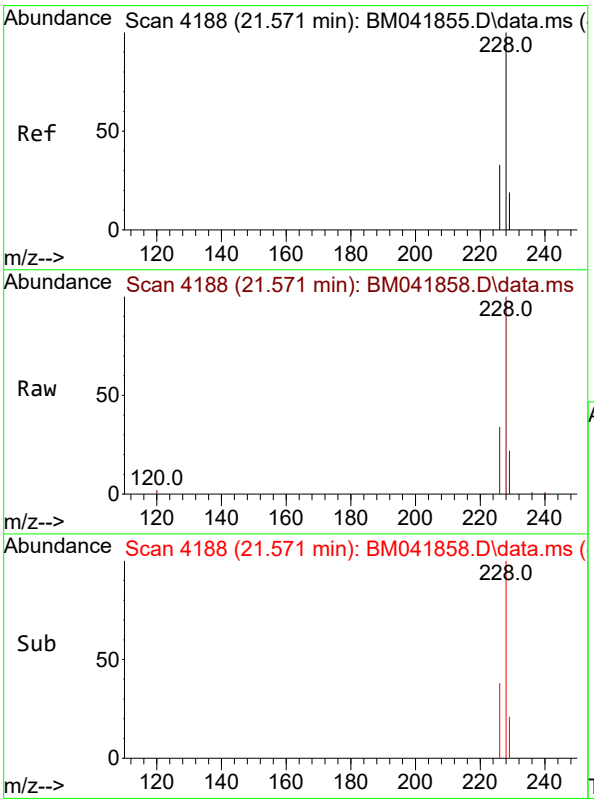
#21
Benzo(a)anthracene
Concen: 0.908 ng/ul
RT: 21.518 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM041858.D
Acq: 14 Sep 2023 08:53

Instrument :
BNA_M
ClientSampleId :
EZYW5RE

Tgt Ion:228 Resp: 52169

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.8
226	30.3	24.3	36.5

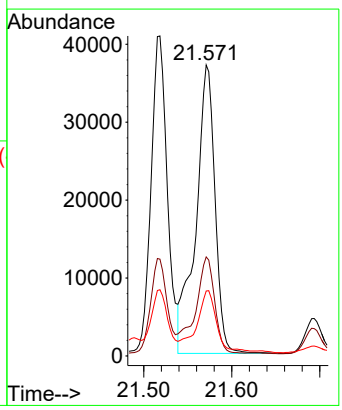


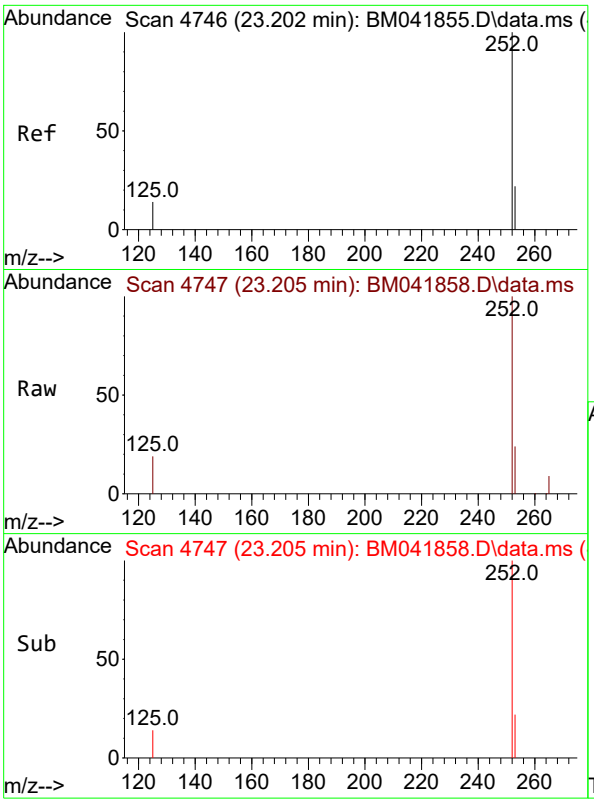


#22
Chrysene
Concen: 0.956 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. -0.006 min
Lab File: BM041858.D
Acq: 14 Sep 2023 08:53

Tgt Ion:228 Resp: 56187

Ion	Ratio	Lower	Upper
228	100		
226	34.1	27.0	40.4
229	22.3	15.7	23.5



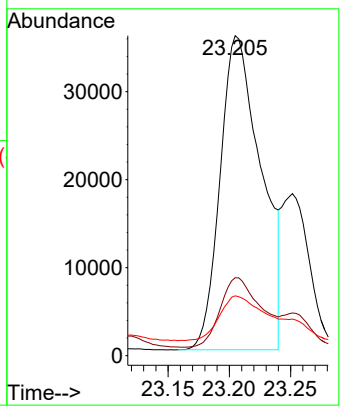


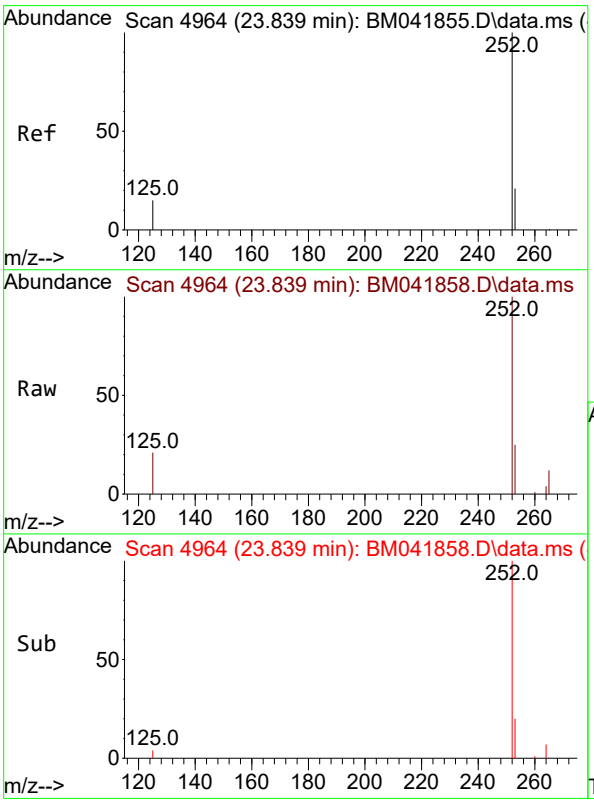
#24
Benzo(b)fluoranthene
Concen: 1.362 ng/ul
RT: 23.205 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM041858.D
Acq: 14 Sep 2023 08:53

Instrument :
BNA_M
ClientSampleId :
EZYW5RE

Tgt Ion:252 Resp: 83273

Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	51.0
125	18.7	0.0	39.8

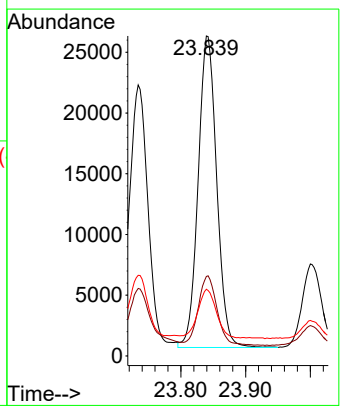


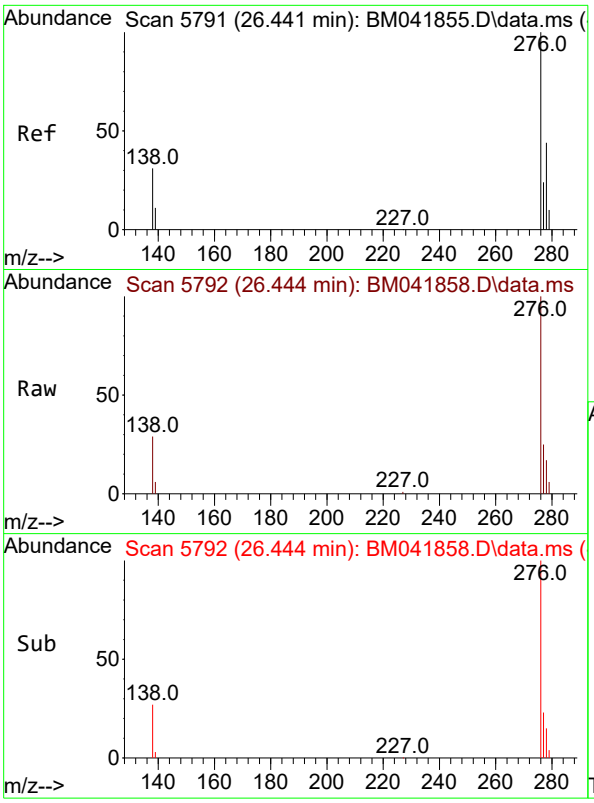


#26
Benzo(a)pyrene
Concen: 1.096 ng/ul
RT: 23.839 min Scan# 4964
Delta R.T. -0.006 min
Lab File: BM041858.D
Acq: 14 Sep 2023 08:53

Tgt Ion:252 Resp: 51092

Ion	Ratio	Lower	Upper
252	100		
253	24.9	21.8	32.8
125	20.8	18.8	28.2



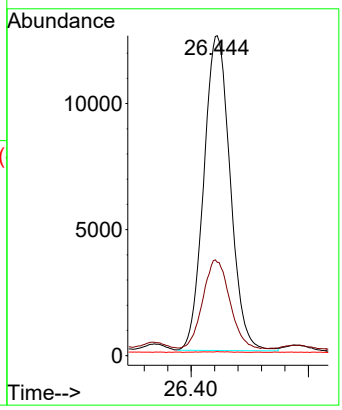


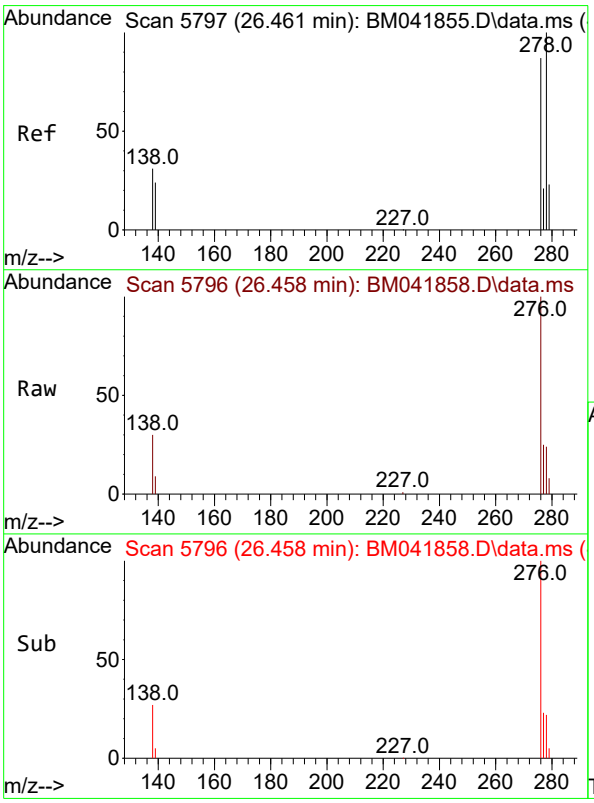
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.545 ng/ul
RT: 26.444 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM041858.D
Acq: 14 Sep 2023 08:53

Instrument :
BNA_M
ClientSampleId :
EZYW5RE

Tgt Ion:276 Resp: 39081

Ion	Ratio	Lower	Upper
276	100		
138	28.7	27.7	41.5
227	0.1	0.1	0.1#

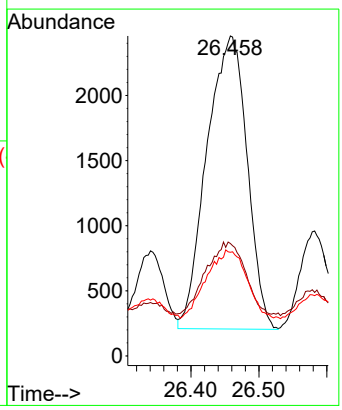


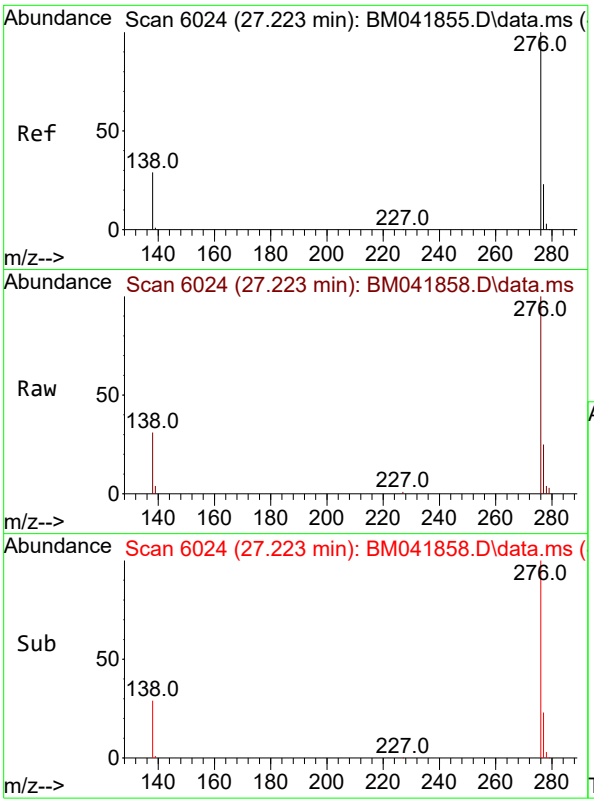


#28
Dibenzo(a,h)anthracene
Concen: 0.175 ng/ul
RT: 26.458 min Scan# 5796
Delta R.T. -0.017 min
Lab File: BM041858.D
Acq: 14 Sep 2023 08:53

Tgt Ion:278 Resp: 9263

Ion	Ratio	Lower	Upper
278	100		
139	35.1	20.9	31.3#
279	32.4	20.3	30.5#





#29
Benzo(g,h,i)perylene
Concen: 0.568 ng/ul
RT: 27.223 min Scan# 6
Delta R.T. -0.013 min
Lab File: BM041858.D
Acq: 14 Sep 2023 08:53

Instrument :
BNA_M
ClientSampleId :
EZYW5RE

Tgt Ion:276 Resp: 34451

Ion	Ratio	Lower	Upper
276	100		
138	30.8	24.7	37.1
277	24.7	19.3	28.9