Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
Data File : BM040471.D
Acq On : 30 Jun 2023 14:36
Operator : MA/JU
Sample : 03239-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFY8

Quant Time: Jul 01 03:03:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	6776	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	23444	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.582	164	10402	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	19370	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	13868	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	15361	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	14556	1.368	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	3167	0.096	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	4424	0.100	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.795	128	1722	0.027	ng/ul#	71
7) 2-Methylnaphthalene	12.411	142	1039	0.027	ng/ul	99
10) Acenaphthylene	14.300	152	2671	0.057	ng/ul#	86
15) Phenanthrene	17.370	178	14078	0.234	ng/ul	98
16) Anthracene	17.459	178	3486	0.069	ng/ul#	86
19) Fluoranthene	19.384	202	44736	0.759	ng/ul	98
20) Pyrene	19.747	202	35020	0.555	ng/ul	100
21) Benzo(a)anthracene	21.491	228	19723	0.420	ng/ul	97
22) Chrysene	21.544	228	25145	0.470	ng/ul	97
24) Benzo(b)fluoranthene	23.184	252	40675	0.684	ng/ul	98
26) Benzo(a)pyrene	23.812	252	18598	0.347	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.424	276	20668	0.277	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.437	278	6297	0.108	ng/ul#	69
29) Benzo(g,h,i)perylene	27.202	276	4195	0.064	ng/ul#	63

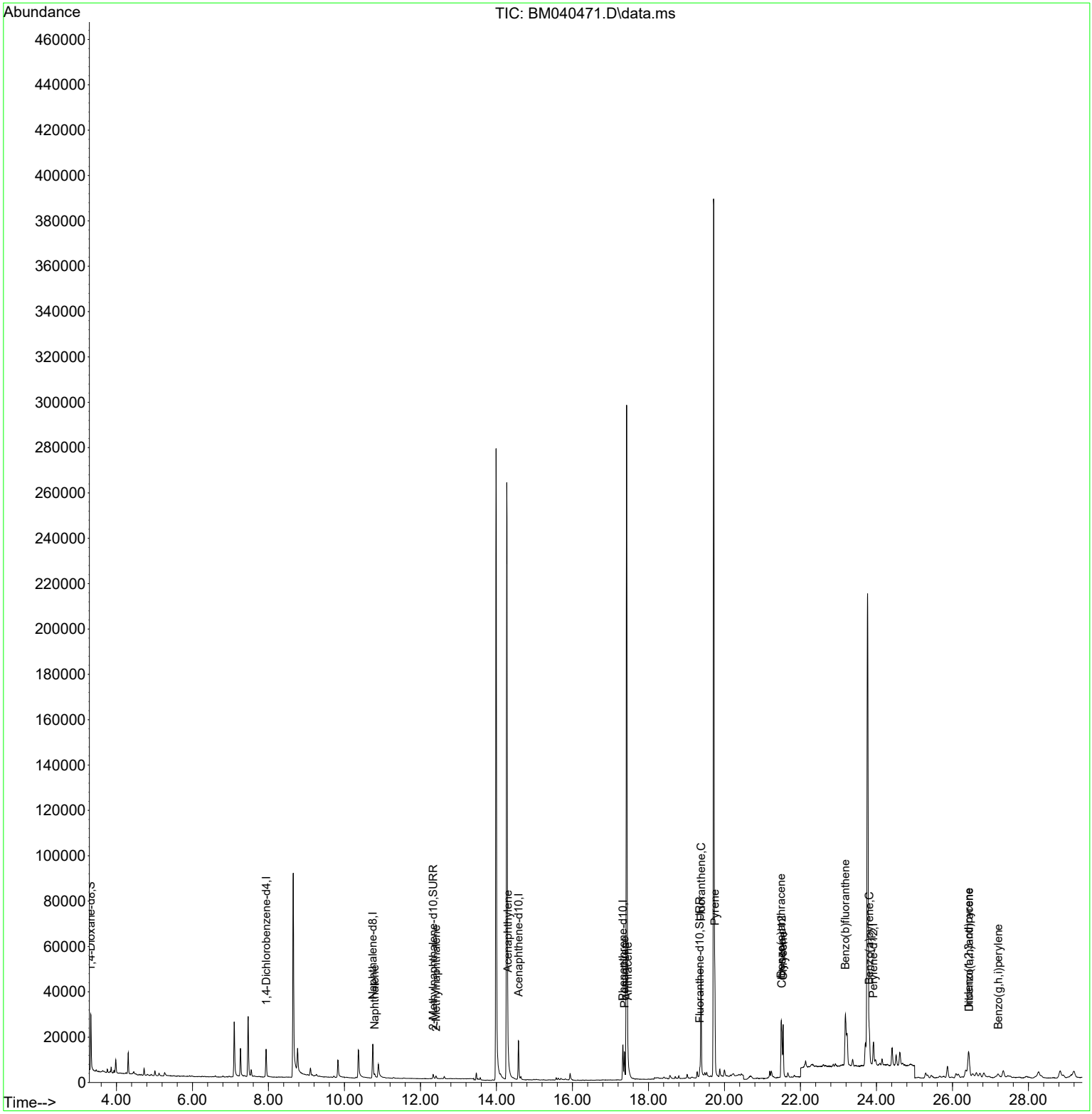
(#) = qualifier out of range (m) = manual integration (+) = signals summed

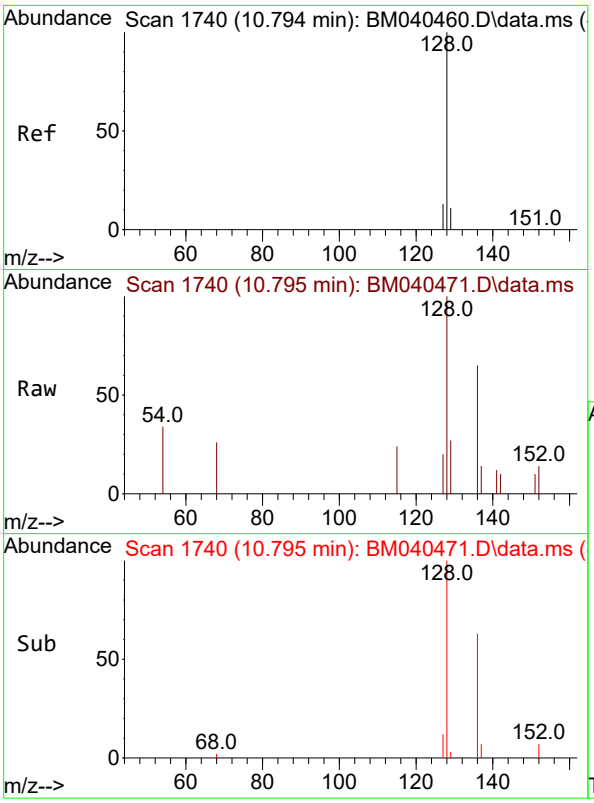
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
Data File : BM040471.D
Acq On : 30 Jun 2023 14:36
Operator : MA/JU
Sample : 03239-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFY8

Quant Time: Jul 01 03:03:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration



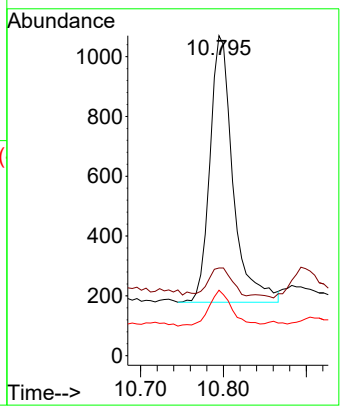


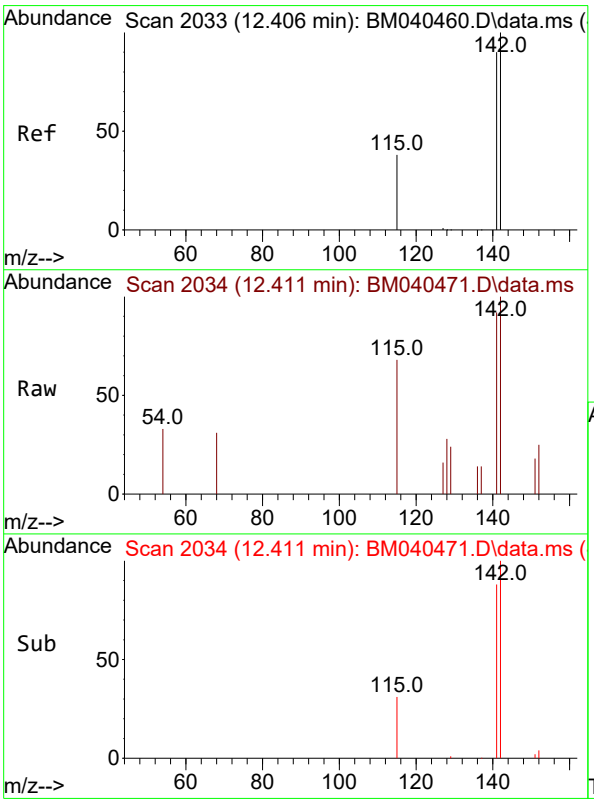
#5
Naphthalene
Concen: 0.027 ng/ul
RT: 10.795 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM040471.D
Acq: 30 Jun 2023 14:36

Instrument :
BNA_M
ClientSampleId :
DCFY8

Tgt Ion:128 Resp: 1722

Ion	Ratio	Lower	Upper
128	100		
129	27.4	9.2	13.8#
127	20.5	10.6	15.8#

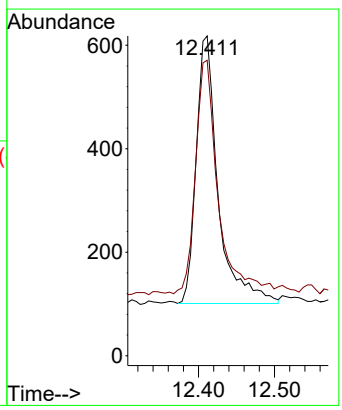


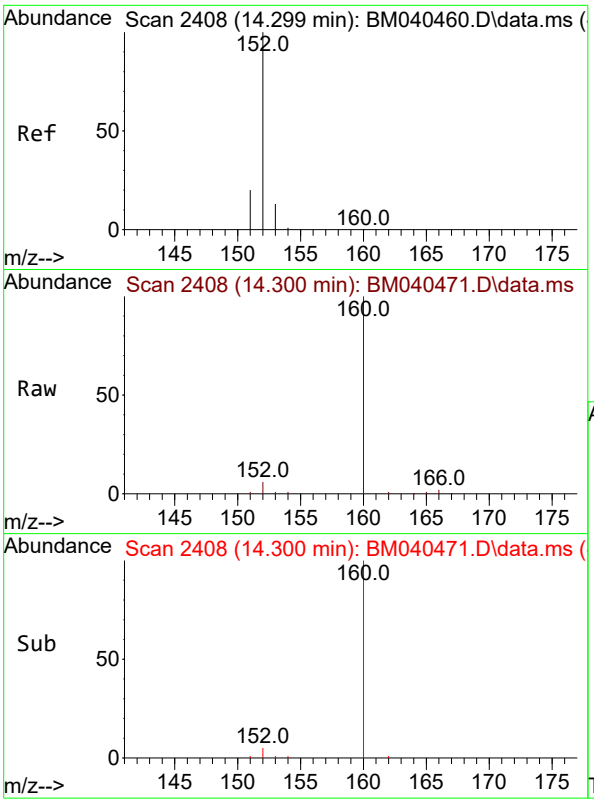


#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.411 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BM040471.D
Acq: 30 Jun 2023 14:36

Tgt Ion:142 Resp: 1039

Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.9	107.9



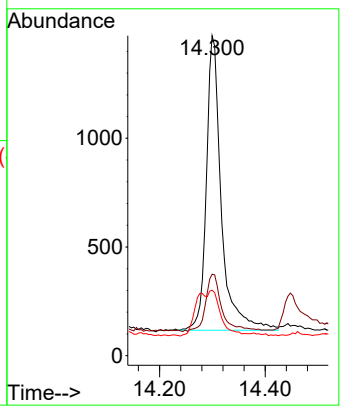


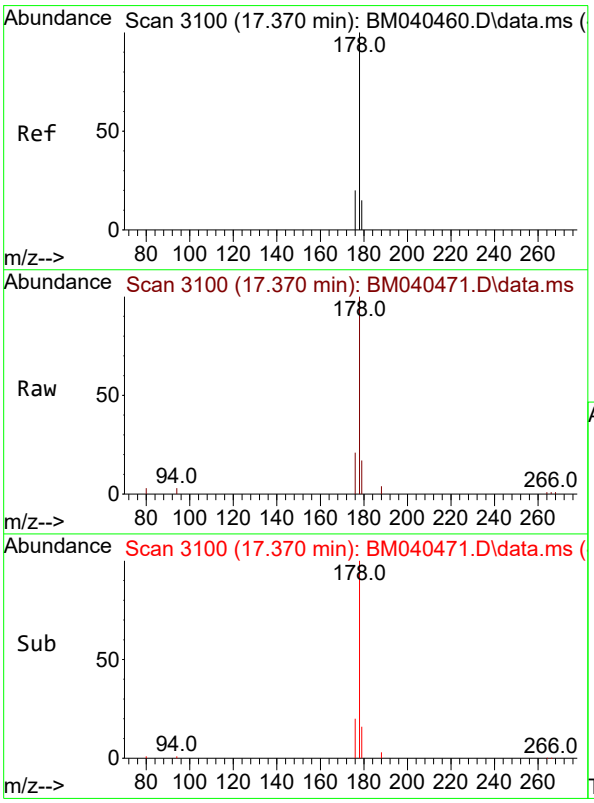
#10
Acenaphthylene
Concen: 0.057 ng/ul
RT: 14.300 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM040471.D
Acq: 30 Jun 2023 14:36

Instrument :
BNA_M
ClientSampleId :
DCFY8

Tgt Ion:152 Resp: 2671

Ion	Ratio	Lower	Upper
152	100		
151	25.5	16.2	24.2#
153	20.4	10.9	16.3#

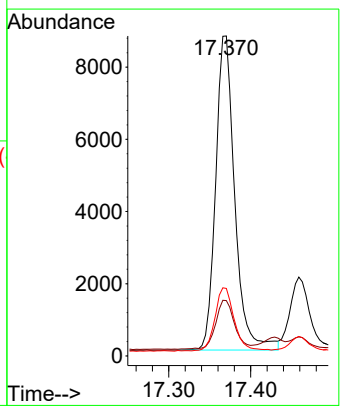


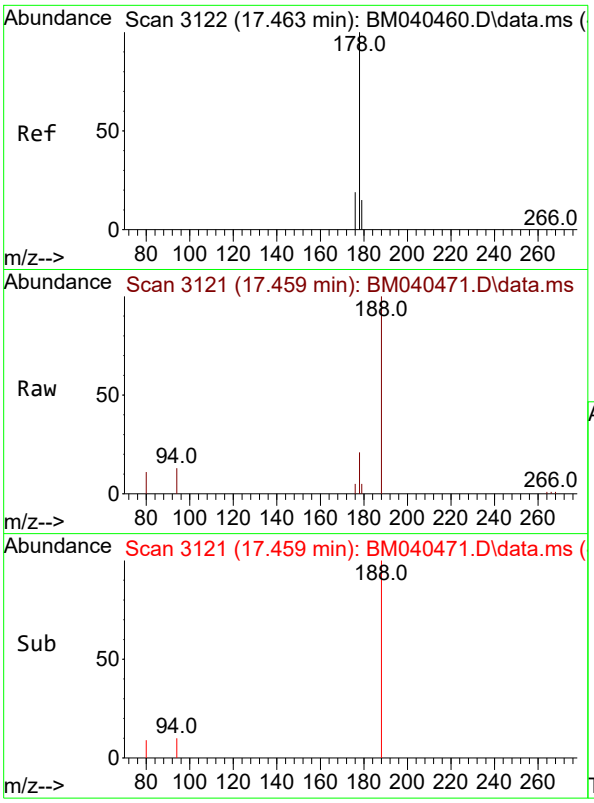


#15
Phenanthrene
Concen: 0.234 ng/ul
RT: 17.370 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BM040471.D
Acq: 30 Jun 2023 14:36

Tgt Ion:178 Resp: 14078

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.8	19.2
176	21.1	16.4	24.6



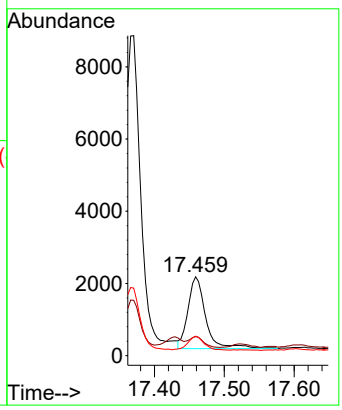


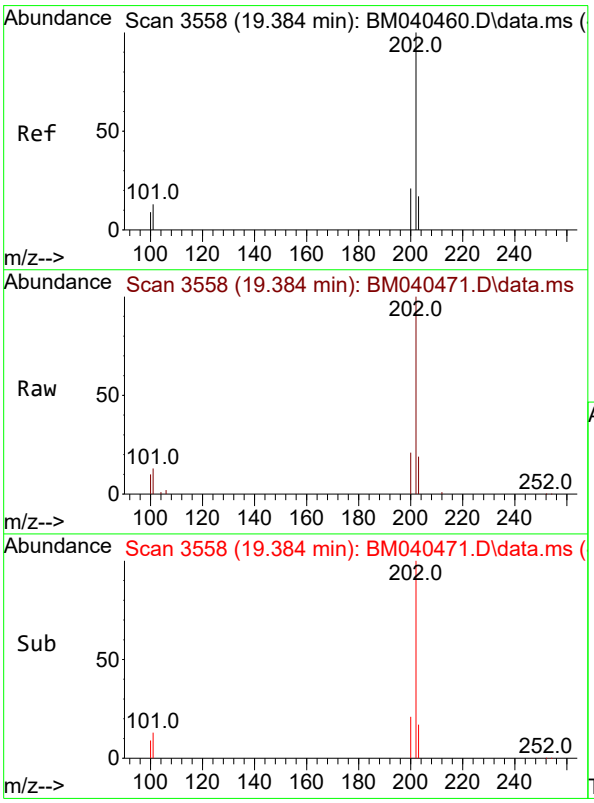
#16
Anthracene
Concen: 0.069 ng/ul
RT: 17.459 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040471.D
Acq: 30 Jun 2023 14:36

Instrument :
BNA_M
ClientSampleId :
DCFY8

Tgt Ion:178 Resp: 3486

Ion	Ratio	Lower	Upper
178	100		
179	24.1	12.9	19.3#
176	24.6	15.8	23.6#

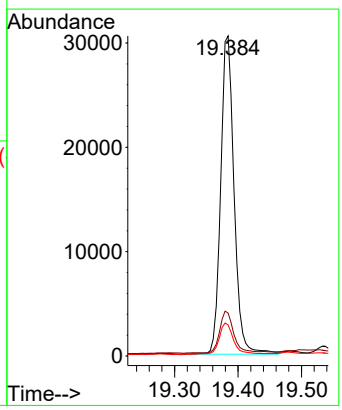


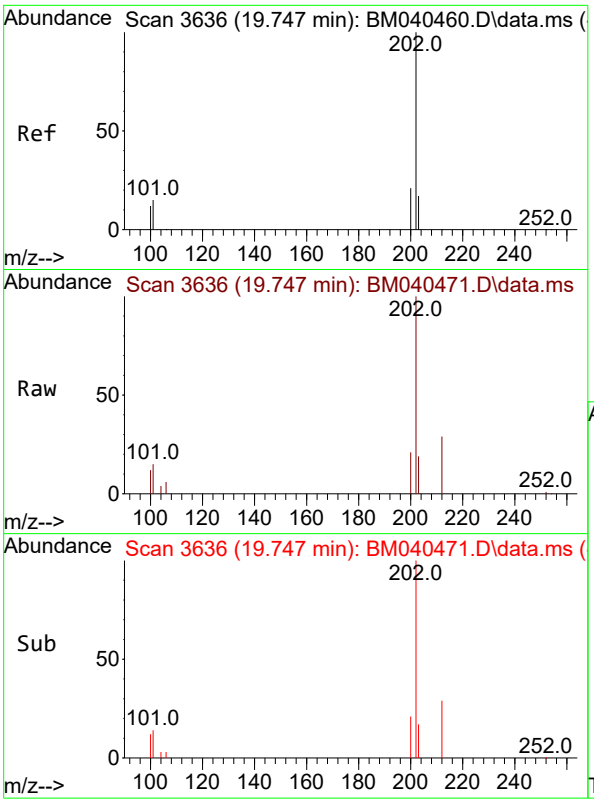


#19
Fluoranthene
Concen: 0.759 ng/ul
RT: 19.384 min Scan# 3558
Delta R.T. 0.000 min
Lab File: BM040471.D
Acq: 30 Jun 2023 14:36

Tgt Ion:202 Resp: 44736

Ion	Ratio	Lower	Upper
202	100		
101	13.4	11.4	17.0
100	9.7	8.7	13.1



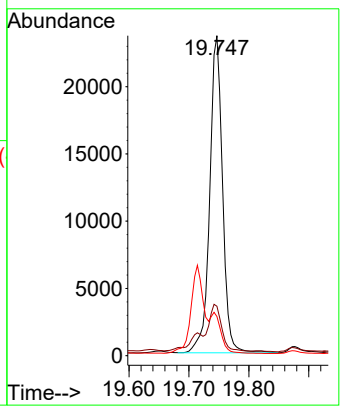


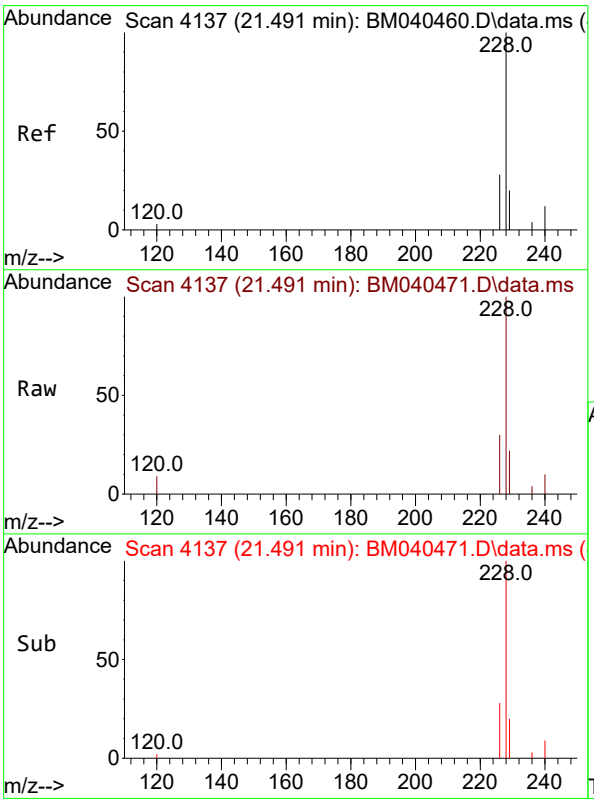
#20
Pyrene
Concen: 0.555 ng/ul
RT: 19.747 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM040471.D
Acq: 30 Jun 2023 14:36

Instrument :
BNA_M
ClientSampleId :
DCFY8

Tgt Ion:202 Resp: 35020

Ion	Ratio	Lower	Upper
202	100		
101	15.5	12.6	18.8
100	12.3	9.8	14.6

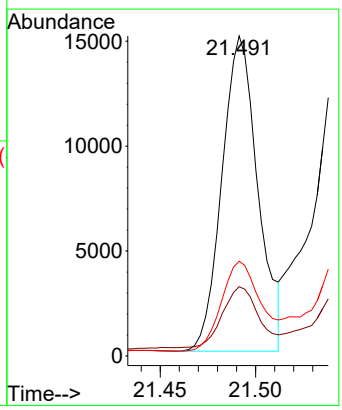


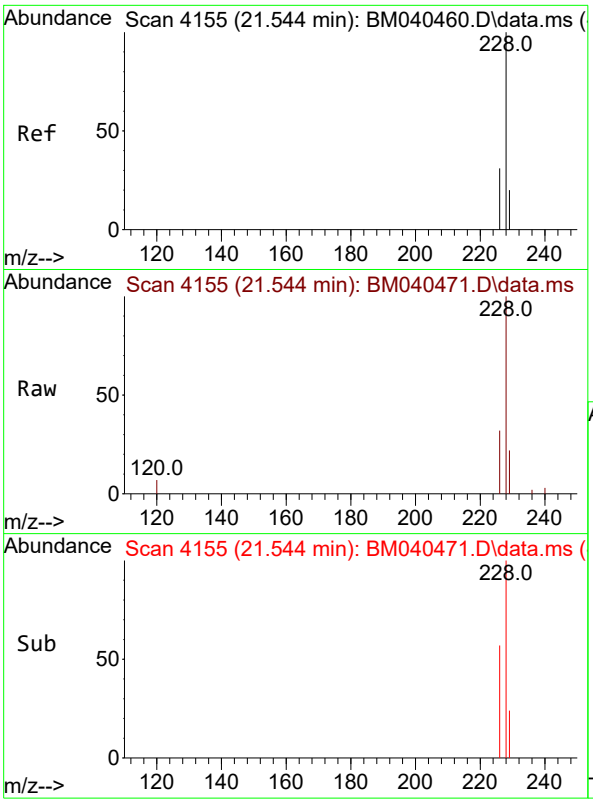


#21
Benzo(a)anthracene
Concen: 0.420 ng/ul
RT: 21.491 min Scan# 4137
Delta R.T. 0.000 min
Lab File: BM040471.D
Acq: 30 Jun 2023 14:36

Tgt Ion:228 Resp: 19723

Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.0	24.0
226	29.6	22.3	33.5



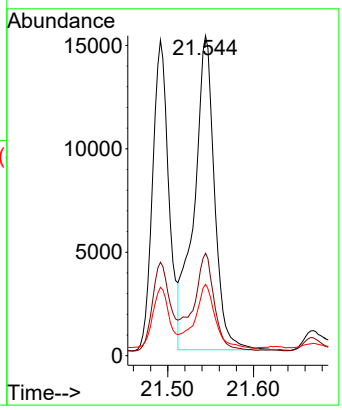


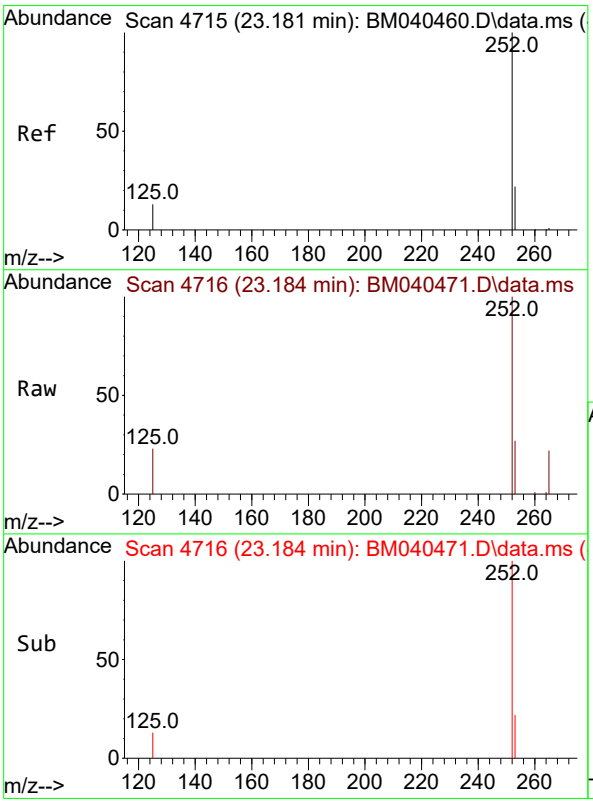
#22
Chrysene
Concen: 0.470 ng/ul
RT: 21.544 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM040471.D
Acq: 30 Jun 2023 14:36

Instrument :
BNA_M
ClientSampleId :
DCFY8

Tgt Ion:228 Resp: 25145

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.9	37.3
229	22.3	15.8	23.6

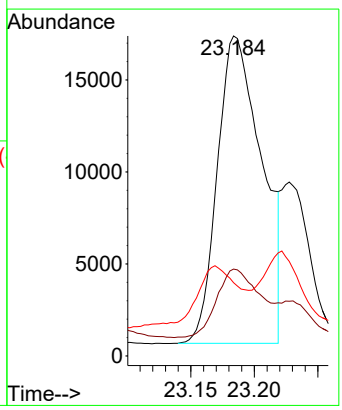


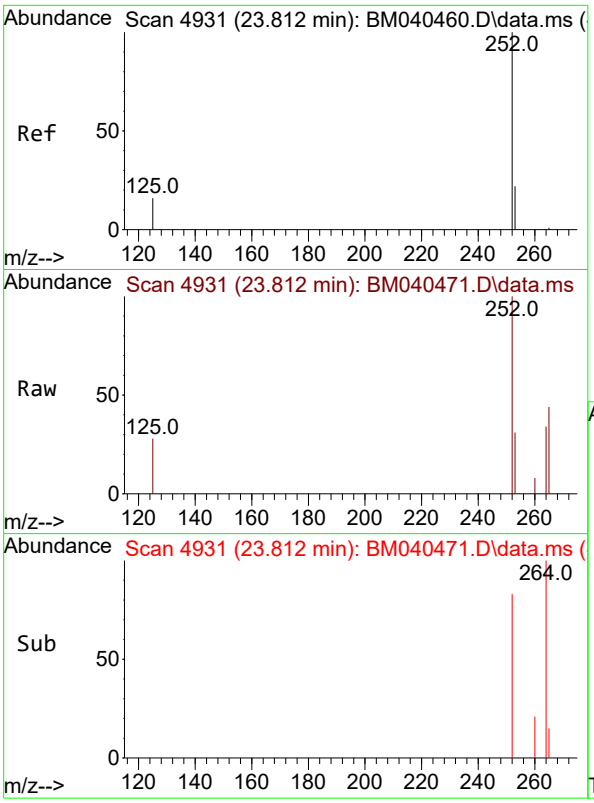


#24
Benzo(b)fluoranthene
Concen: 0.684 ng/ul
RT: 23.184 min Scan# 4716
Delta R.T. 0.003 min
Lab File: BM040471.D
Acq: 30 Jun 2023 14:36

Tgt Ion:252 Resp: 40675

Ion	Ratio	Lower	Upper
252	100		
253	27.2	0.0	52.8
125	22.9	0.0	43.0



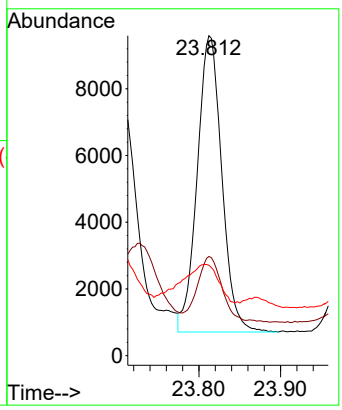


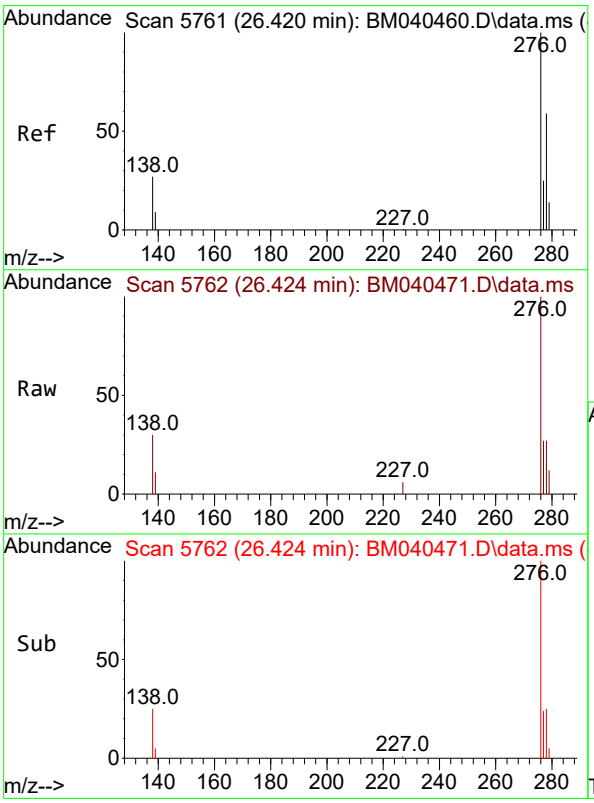
#26
Benzo(a)pyrene
Concen: 0.347 ng/ul
RT: 23.812 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM040471.D
Acq: 30 Jun 2023 14:36

Instrument :
BNA_M
ClientSampleId :
DCFY8

Tgt Ion:252 Resp: 18598

Ion	Ratio	Lower	Upper
252	100		
253	31.0	22.9	34.3
125	28.3	21.0	31.4

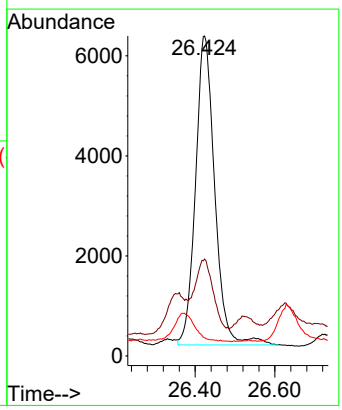


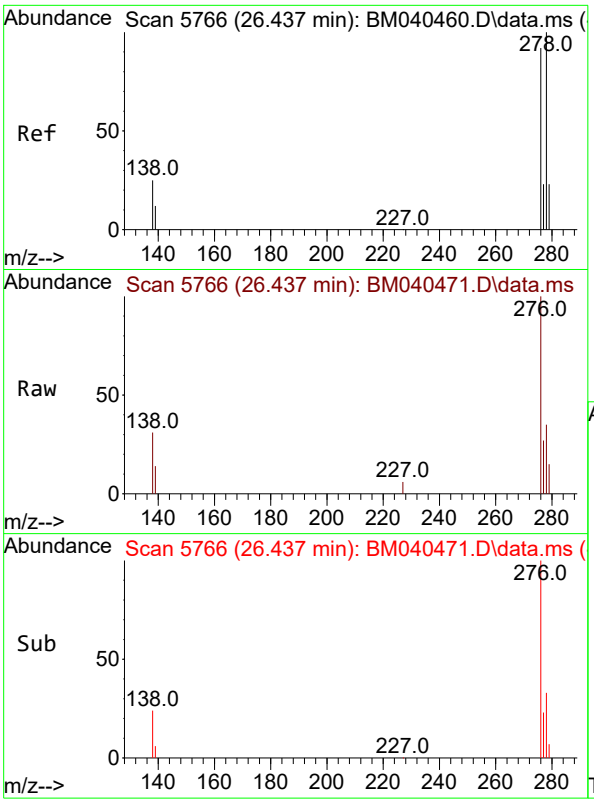


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.277 ng/ul
RT: 26.424 min Scan# 5762
Delta R.T. 0.003 min
Lab File: BM040471.D
Acq: 30 Jun 2023 14:36

Tgt Ion:276 Resp: 20668

Ion	Ratio	Lower	Upper
276	100		
138	20.0	24.5	36.7#
227	0.0	0.1	0.1#



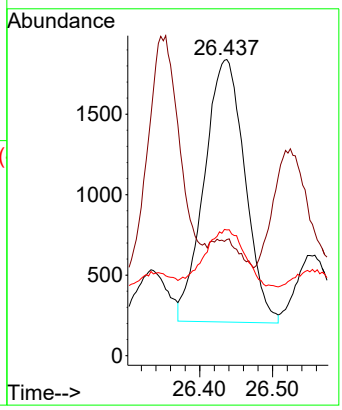


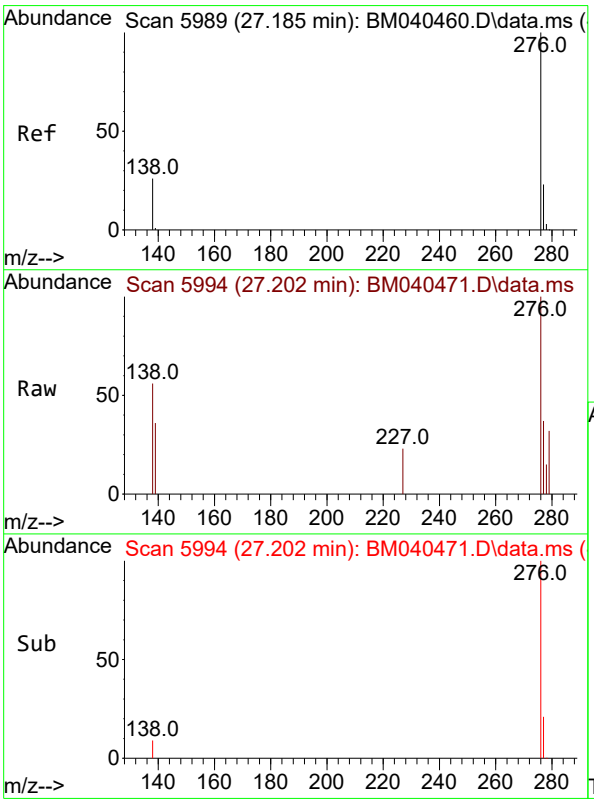
#28
Dibenzo(a,h)anthracene
Concen: 0.108 ng/ul
RT: 26.437 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM040471.D
Acq: 30 Jun 2023 14:36

Instrument :
BNA_M
ClientSampleId :
DCFY8

Tgt Ion:278 Resp: 6297

Ion	Ratio	Lower	Upper
278	100		
139	39.2	17.9	26.9#
279	42.4	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.064 ng/ul
RT: 27.202 min Scan# 5994
Delta R.T. 0.017 min
Lab File: BM040471.D
Acq: 30 Jun 2023 14:36

Tgt Ion:276 Resp: 4195

Ion	Ratio	Lower	Upper
276	100		
138	55.8	23.0	34.6#
277	36.7	20.3	30.5#