Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
Data File : BM040486.D
Acq On : 01 Jul 2023 00:04
Operator : MA/JU
Sample : 03161-09DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFW5DL

Quant Time: Jul 01 03:05:42 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

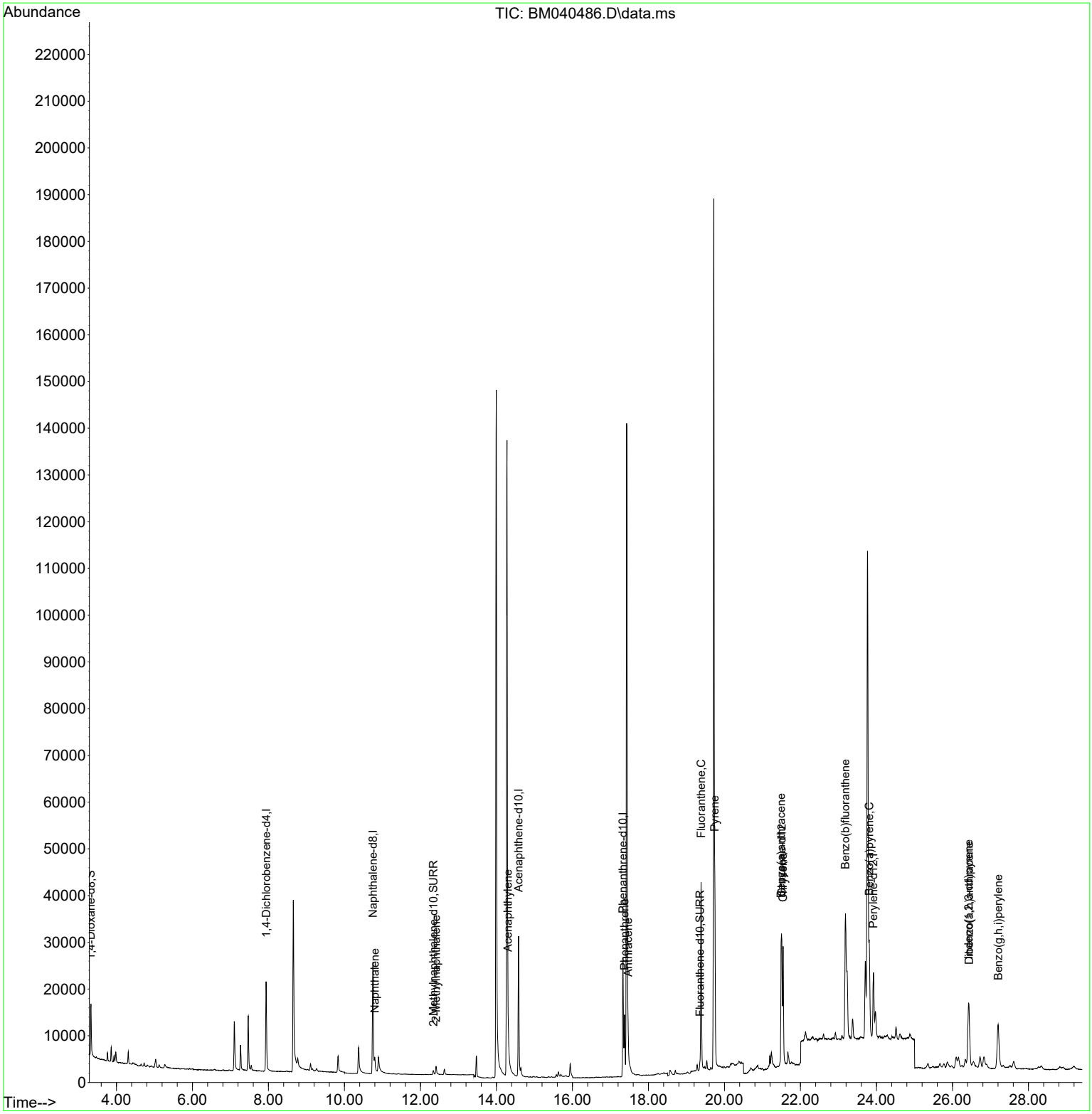
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	10587	0.400	ng/ul	0.00
4) Naphthalene-d8	10.751	136	39100	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.582	164	18657	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	33809	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	19108	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	20256	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	6485	0.390	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	1612	0.029	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	2200	0.036	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.800	128	3985	0.037	ng/ul#	88
7) 2-Methylnaphthalene	12.411	142	1758	0.028	ng/ul	97
10) Acenaphthylene	14.304	152	5384	0.065	ng/ul#	92
15) Phenanthrene	17.370	178	15155	0.144	ng/ul	98
16) Anthracene	17.463	178	5552	0.063	ng/ul#	90
19) Fluoranthene	19.384	202	37942	0.467	ng/ul	97
20) Pyrene	19.747	202	31861	0.366	ng/ul	99
21) Benzo(a)anthracene	21.491	228	21425	0.331	ng/ul	92
22) Chrysene	21.544	228	29656	0.402	ng/ul	95
24) Benzo(b)fluoranthene	23.184	252	48907	0.624	ng/ul	98
26) Benzo(a)pyrene	23.809	252	28522	0.404	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.424	276	26079	0.265	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.437	278	6603	0.086	ng/ul#	56
29) Benzo(g,h,i)perylene	27.202	276	23015	0.267	ng/ul	97

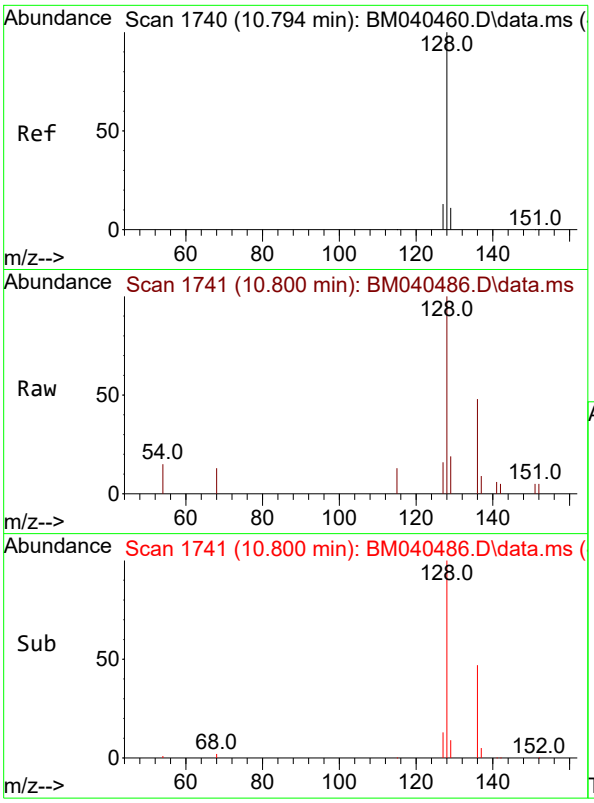
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
Data File : BM040486.D
Acq On : 01 Jul 2023 00:04
Operator : MA/JU
Sample : 03161-09DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFW5DL

Quant Time: Jul 01 03:05:42 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



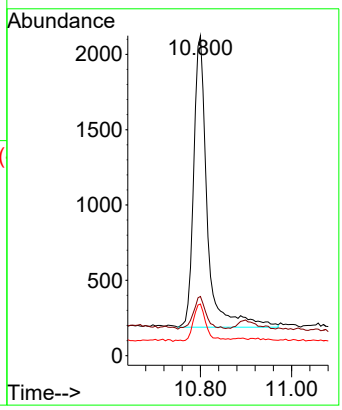


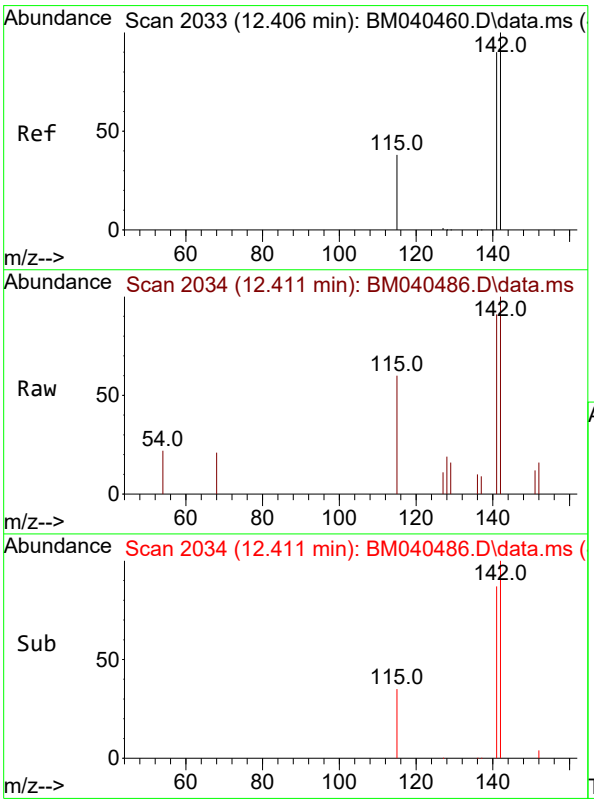
#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.800 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM040486.D
Acq: 01 Jul 2023 00:04

Instrument :
BNA_M
ClientSampleId :
DCFW5DL

Tgt Ion:128 Resp: 3985

Ion	Ratio	Lower	Upper
128	100		
129	18.5	9.2	13.8#
127	16.1	10.6	15.8#

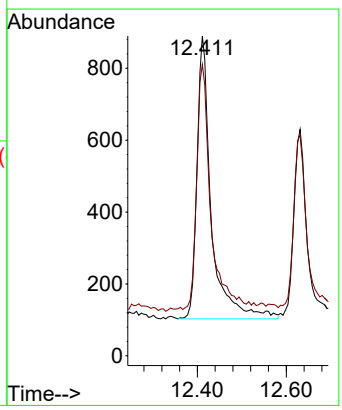


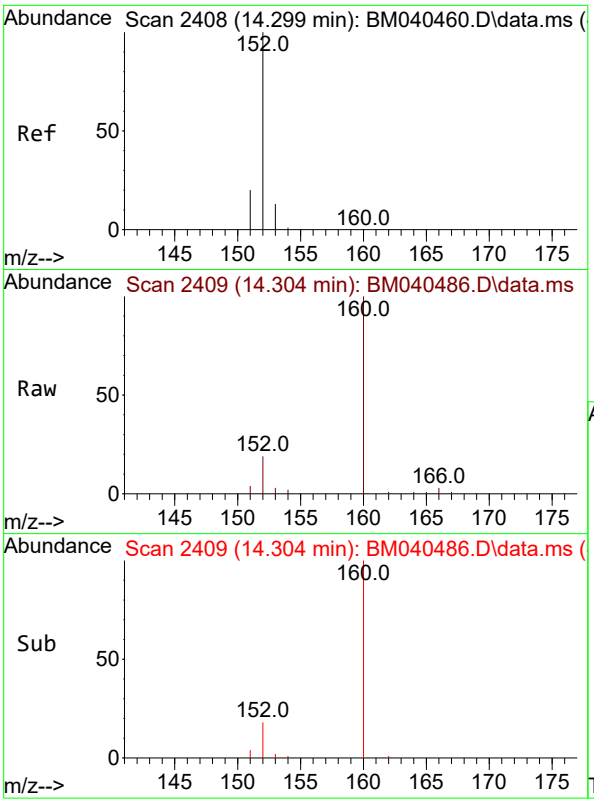


#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.411 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BM040486.D
Acq: 01 Jul 2023 00:04

Tgt Ion:142 Resp: 1758

Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.9	107.9



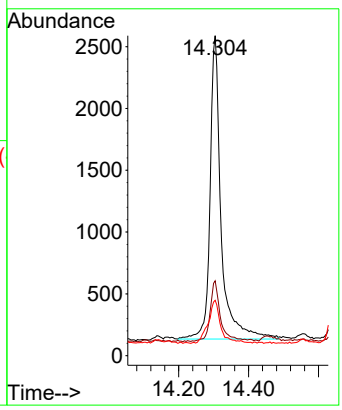


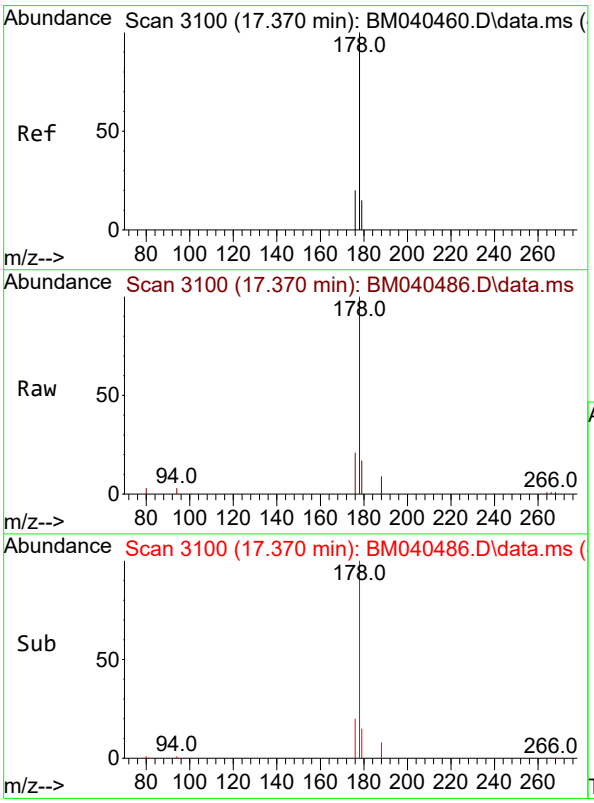
#10
Acenaphthylene
Concen: 0.065 ng/ul
RT: 14.304 min Scan# 24
Delta R.T. 0.005 min
Lab File: BM040486.D
Acq: 01 Jul 2023 00:04

Instrument :
BNA_M
ClientSampleId :
DCFW5DL

Tgt Ion:152 Resp: 5384

Ion	Ratio	Lower	Upper
152	100		
151	23.4	16.2	24.2
153	17.3	10.9	16.3#

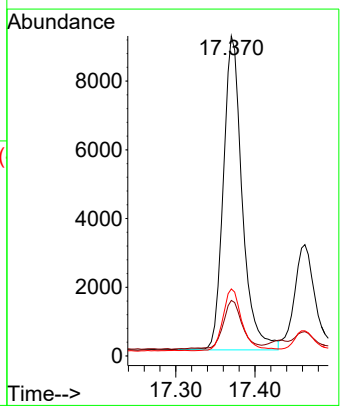


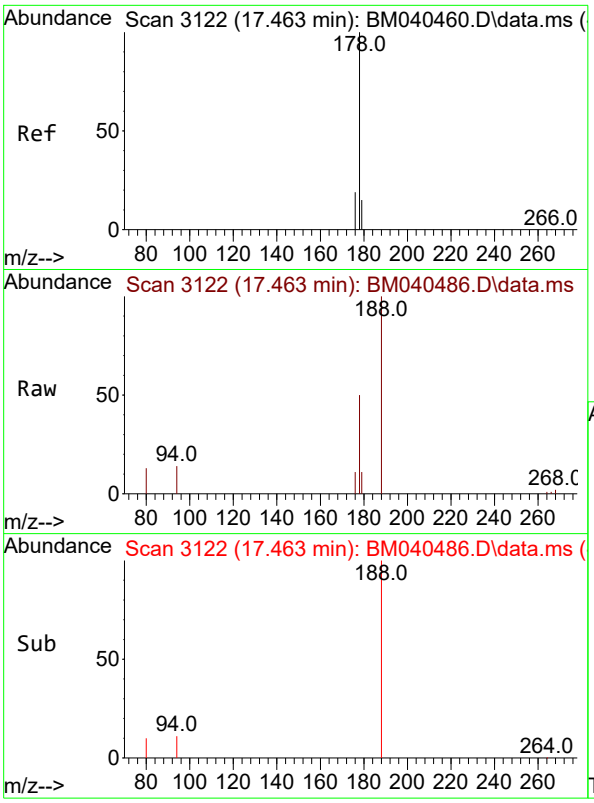


#15
Phenanthrene
Concen: 0.144 ng/ul
RT: 17.370 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BM040486.D
Acq: 01 Jul 2023 00:04

Tgt Ion:178 Resp: 15155

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.8	19.2
176	20.9	16.4	24.6



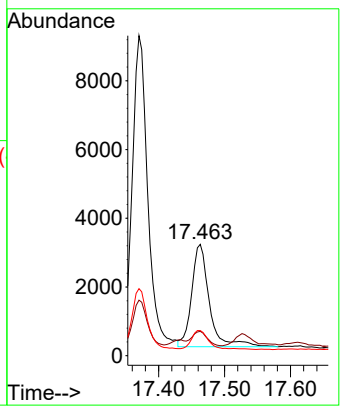


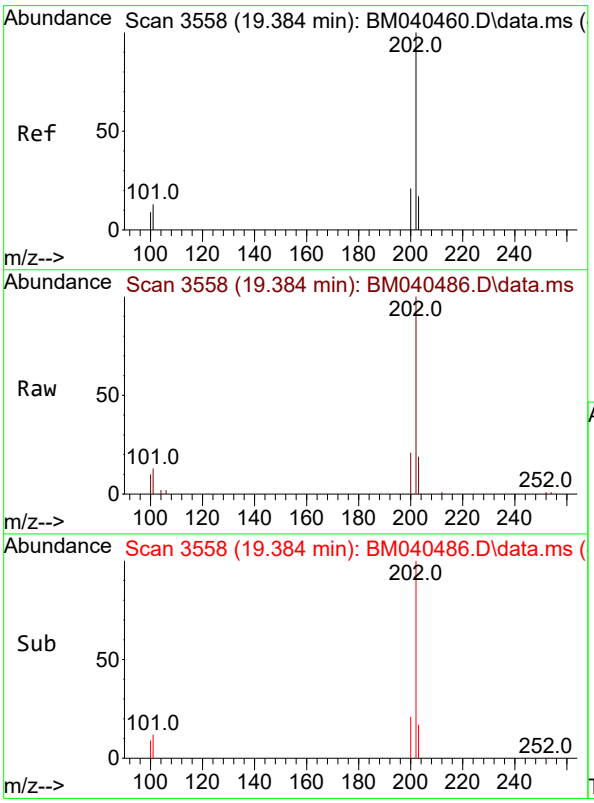
#16
Anthracene
Concen: 0.063 ng/ul
RT: 17.463 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM040486.D
Acq: 01 Jul 2023 00:04

Instrument :
BNA_M
ClientSampleId :
DCFW5DL

Tgt Ion:178 Resp: 5552

Ion	Ratio	Lower	Upper
178	100		
179	21.8	12.9	19.3#
176	22.6	15.8	23.6

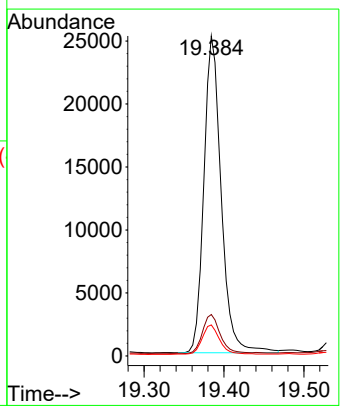


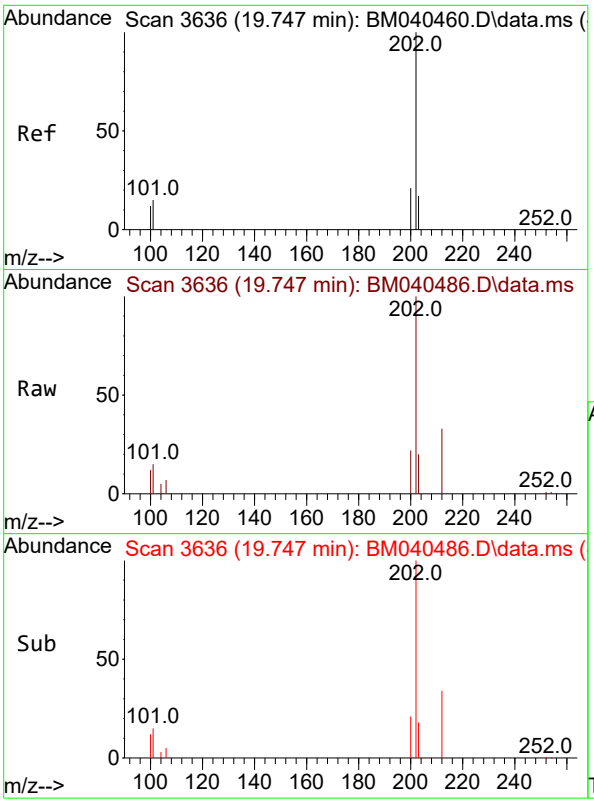


#19
Fluoranthene
Concen: 0.467 ng/ul
RT: 19.384 min Scan# 3558
Delta R.T. 0.000 min
Lab File: BM040486.D
Acq: 01 Jul 2023 00:04

Tgt Ion:202 Resp: 37942

Ion	Ratio	Lower	Upper
202	100		
101	13.0	11.4	17.0
100	9.7	8.7	13.1



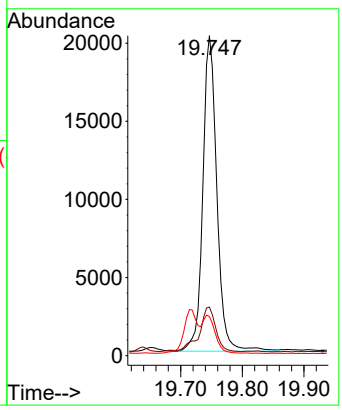


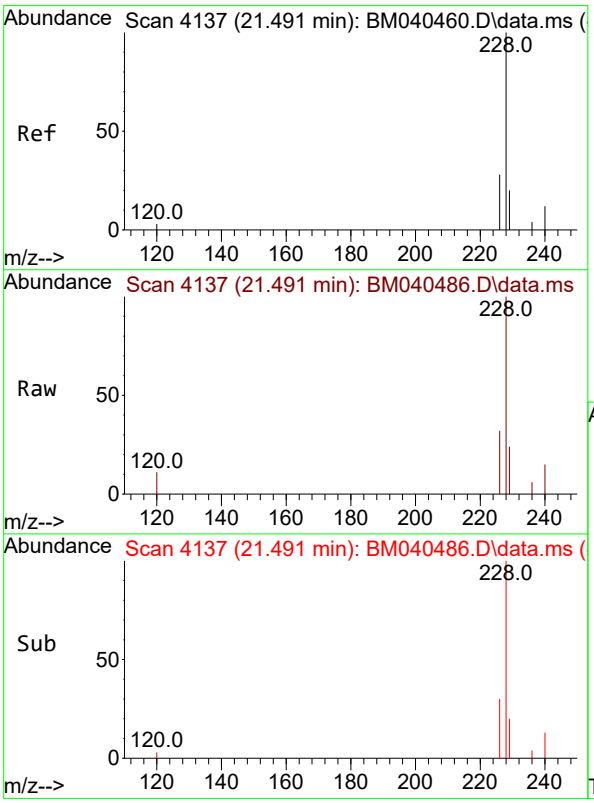
#20
Pyrene
Concen: 0.366 ng/ul
RT: 19.747 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM040486.D
Acq: 01 Jul 2023 00:04

Instrument :
BNA_M
ClientSampleId :
DCFW5DL

Tgt Ion:202 Resp: 31861

Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.6	18.8
100	12.3	9.8	14.6

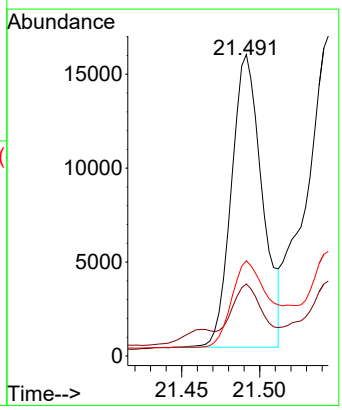


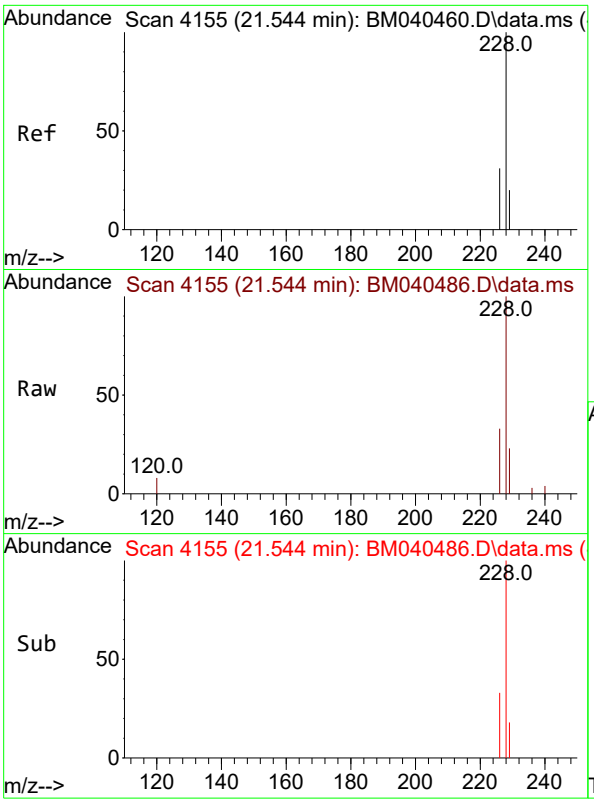


#21
Benzo(a)anthracene
Concen: 0.331 ng/ul
RT: 21.491 min Scan# 4137
Delta R.T. 0.000 min
Lab File: BM040486.D
Acq: 01 Jul 2023 00:04

Tgt Ion:228 Resp: 21425

Ion	Ratio	Lower	Upper
228	100		
229	23.9	16.0	24.0
226	31.6	22.3	33.5



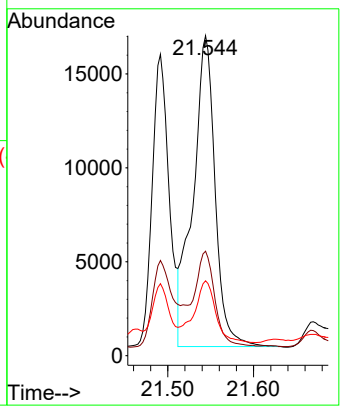


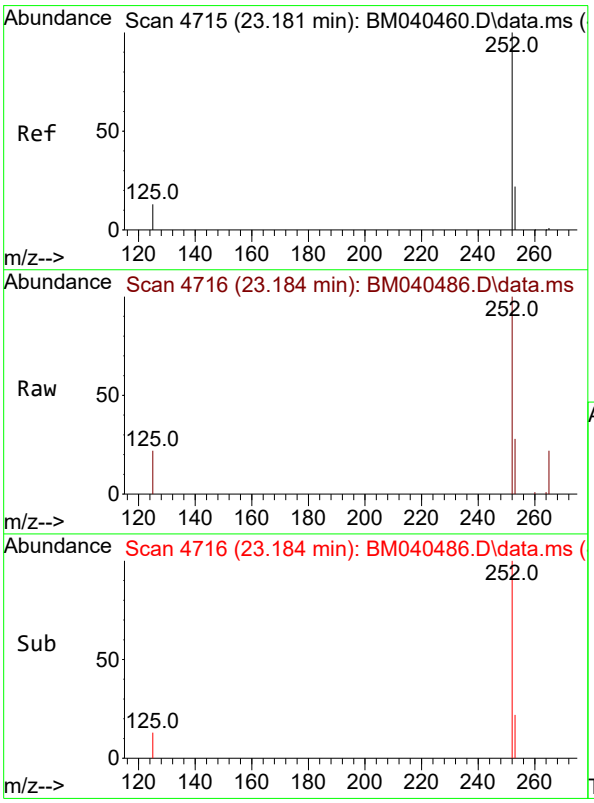
#22
Chrysene
Concen: 0.402 ng/ul
RT: 21.544 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM040486.D
Acq: 01 Jul 2023 00:04

Instrument :
BNA_M
ClientSampleId :
DCFW5DL

Tgt Ion:228 Resp: 29656

Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.9	37.3
229	23.4	15.8	23.6

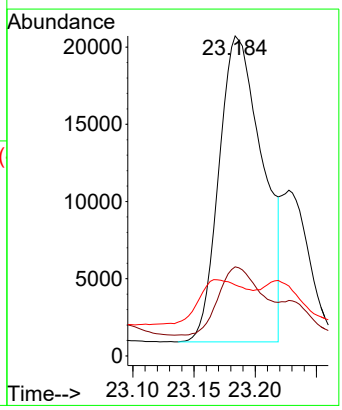


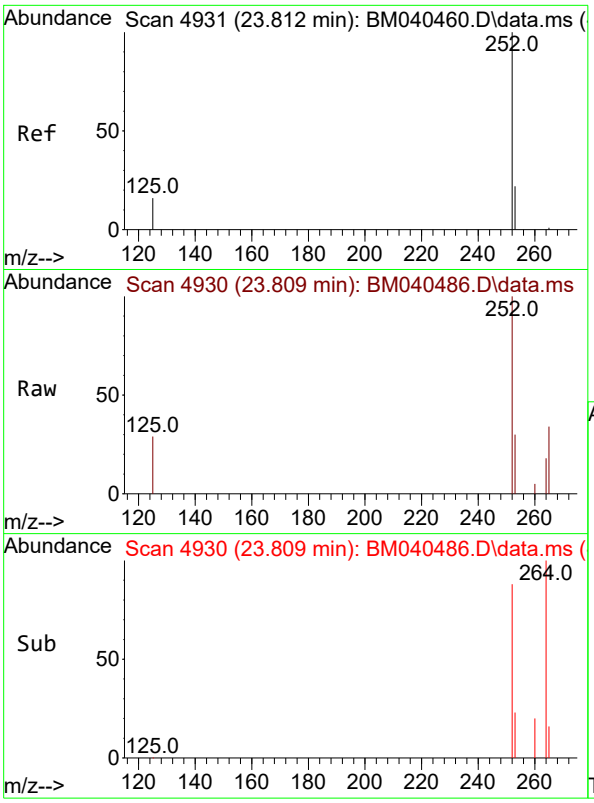


#24
Benzo(b)fluoranthene
Concen: 0.624 ng/ul
RT: 23.184 min Scan# 4716
Delta R.T. 0.003 min
Lab File: BM040486.D
Acq: 01 Jul 2023 00:04

Tgt Ion:252 Resp: 48907

Ion	Ratio	Lower	Upper
252	100		
253	27.8	0.0	52.8
125	22.2	0.0	43.0



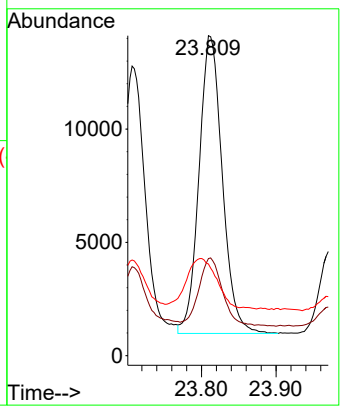


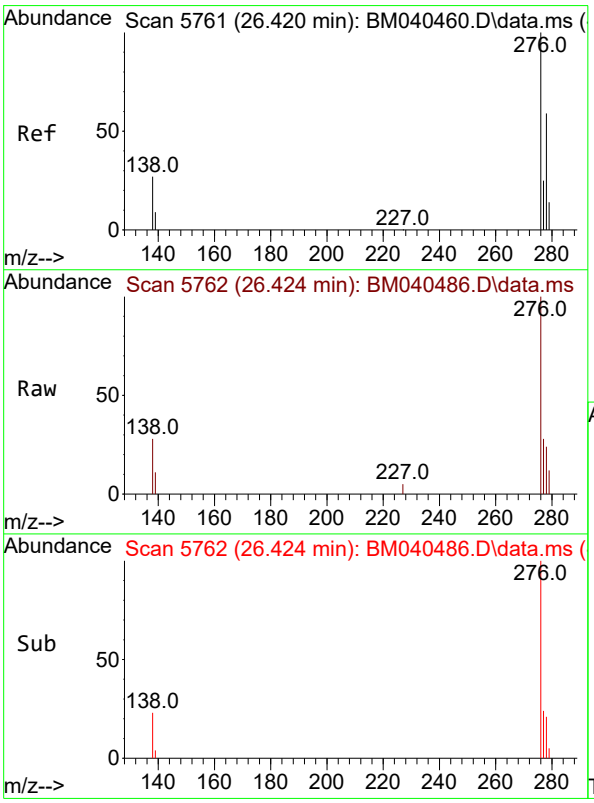
#26
Benzo(a)pyrene
Concen: 0.404 ng/ul
RT: 23.809 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040486.D
Acq: 01 Jul 2023 00:04

Instrument :
BNA_M
ClientSampleId :
DCFW5DL

Tgt Ion:252 Resp: 28522

Ion	Ratio	Lower	Upper
252	100		
253	30.4	22.9	34.3
125	28.6	21.0	31.4

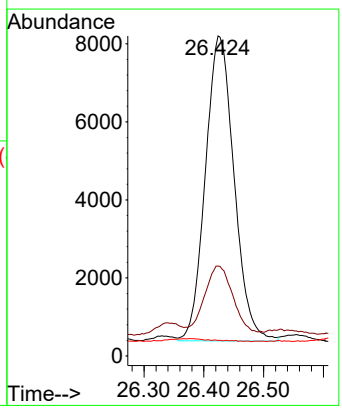


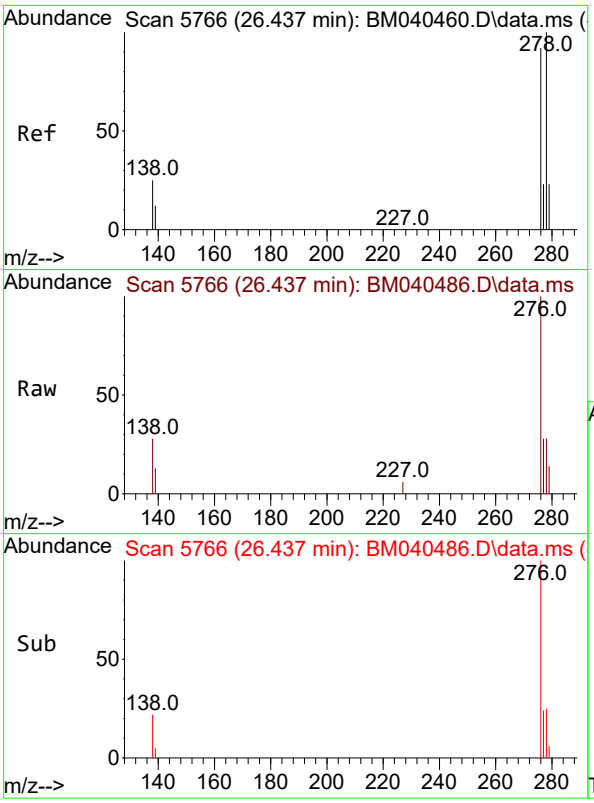


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.265 ng/ul
RT: 26.424 min Scan# 5762
Delta R.T. 0.003 min
Lab File: BM040486.D
Acq: 01 Jul 2023 00:04

Tgt Ion:276 Resp: 26079

Ion	Ratio	Lower	Upper
276	100		
138	22.7	24.5	36.7#
227	0.1	0.1	0.1#



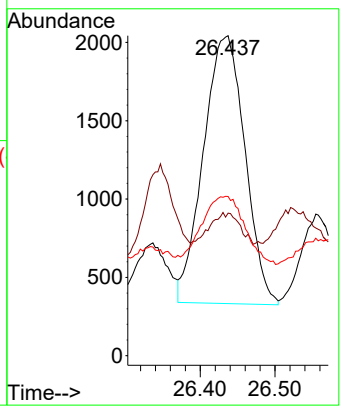


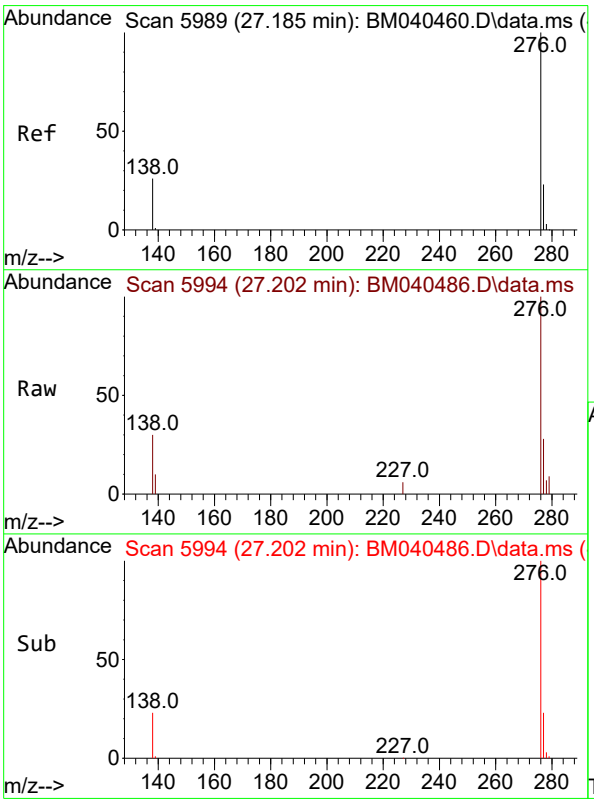
#28
Dibenzo(a,h)anthracene
Concen: 0.086 ng/ul
RT: 26.437 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM040486.D
Acq: 01 Jul 2023 00:04

Instrument :
BNA_M
ClientSampleId :
DCFW5DL

Tgt Ion:278 Resp: 6603

Ion	Ratio	Lower	Upper
278	100		
139	44.5	17.9	26.9#
279	49.8	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.267 ng/ul
RT: 27.202 min Scan# 5994
Delta R.T. 0.017 min
Lab File: BM040486.D
Acq: 01 Jul 2023 00:04

Tgt Ion:276 Resp: 23015

Ion	Ratio	Lower	Upper
276	100		
138	29.7	23.0	34.6
277	28.1	20.3	30.5