Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041024\
Data File : BM045111.D
Acq On : 10 Apr 2024 22:49
Operator : MA/JU
Sample : P1982-07MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YCSQ2MS

Quant Time: Apr 10 23:23:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 10 11:09:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.643	152	1313	0.400	ng/ul	0.00
4) Naphthalene-d8	10.424	136	4047	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.279	164	2033	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.047	188	4070	0.400	ng/ul	0.00
17) Chrysene-d12	21.251	240	3058	0.400	ng/ul	# 0.00
23) Perylene-d12	23.470	264	3891	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	732	0.424	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.024	152	2133	0.389	ng/ul	0.00
18) Fluoranthene-d10	19.080	212	4255	0.551	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.243	88	2286	1.383	ng/ul#	89
5) Naphthalene	10.468	128	4693	0.437	ng/ul	99
7) 2-Methylnaphthalene	12.101	142	2763	0.431	ng/ul	98
8) 1-Methylnaphthalene	12.310	142	2906	0.415	ng/ul	98
10) Acenaphthylene	14.001	152	4443	0.438	ng/ul	97
11) Acenaphthene	14.344	153	3282	0.452	ng/ul	98
12) Fluorene	15.352	166	3531	0.434	ng/ul	96
14) Pentachlorophenol	16.709	266	886	0.928	ng/ul	97
15) Phenanthrene	17.089	178	5376	0.469	ng/ul	98
16) Anthracene	17.195	178	4922	0.436	ng/ul	97
19) Fluoranthene	19.108	202	6364	0.582	ng/ul	98
20) Pyrene	19.475	202	6638	0.575	ng/ul	96
21) Benzo(a)anthracene	21.243	228	4608	0.433	ng/ul	98
22) Chrysene	21.289	228	6752	0.508	ng/ul	98
24) Benzo(b)fluoranthene	22.806	252	6098	0.434	ng/ul	94
25) Benzo(k)fluoranthene	22.853	252	7560	0.480	ng/ul#	92
26) Benzo(a)pyrene	23.379	252	5800	0.432	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.716	276	7740	0.421	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.746	278	6075	0.417	ng/ul#	88
29) Benzo(g,h,i)perylene	26.386	276	6926	0.437	ng/ul	96

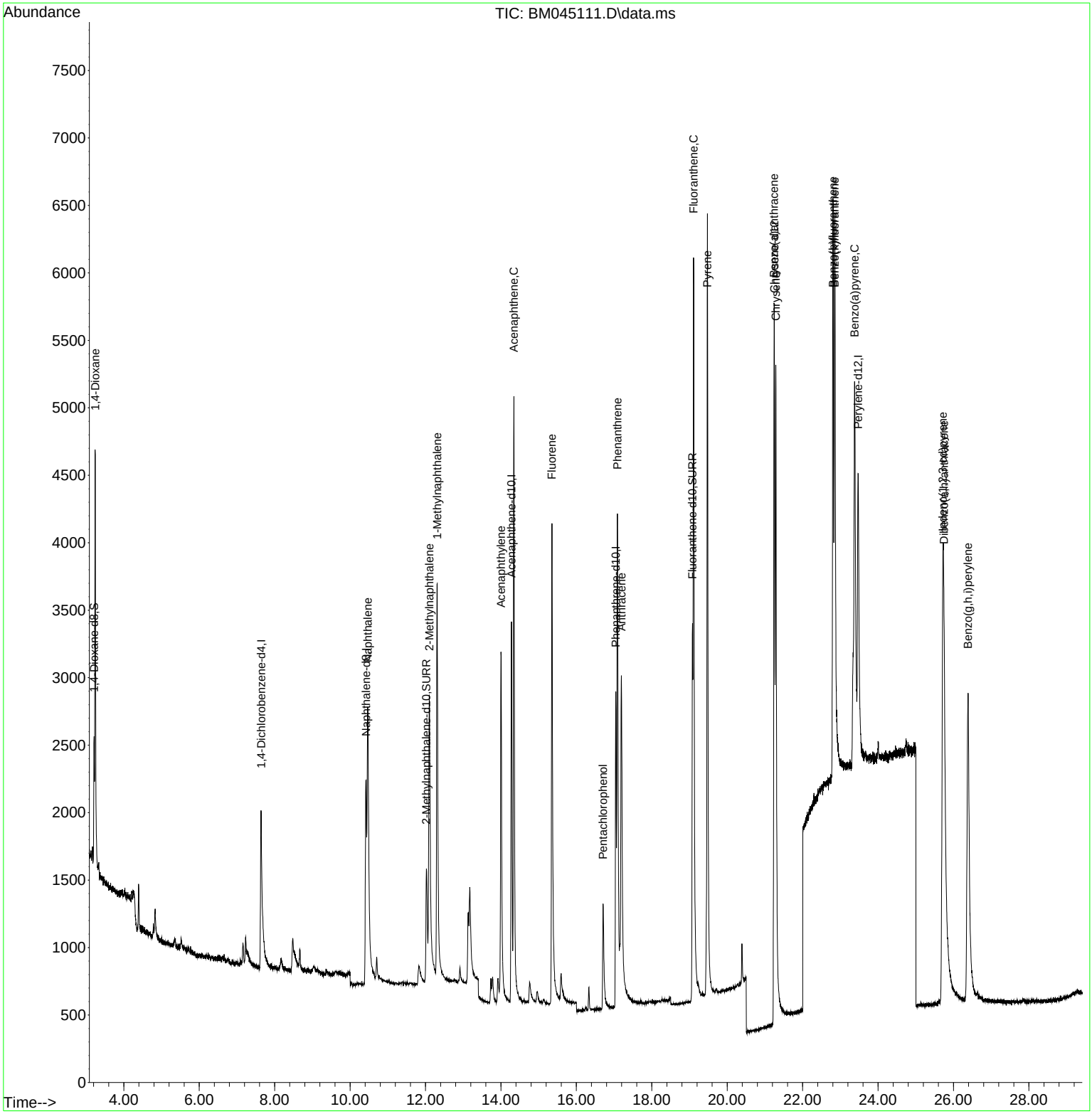
(#) = qualifier out of range (m) = manual integration (+) = signals summed

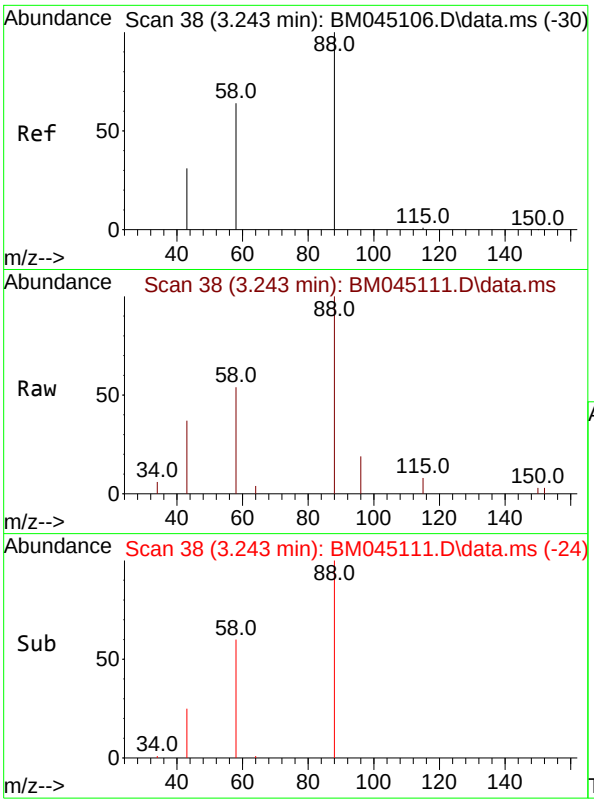
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041024\
Data File : BM045111.D
Acq On : 10 Apr 2024 22:49
Operator : MA/JU
Sample : P1982-07MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YCSQ2MS

Quant Time: Apr 10 23:23:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 10 11:09:26 2024
Response via : Initial Calibration



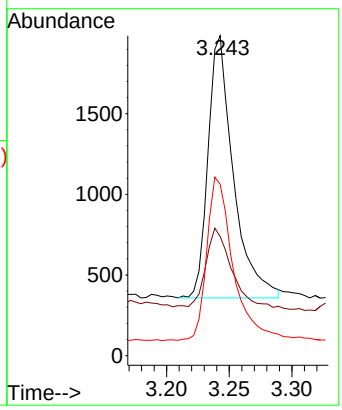


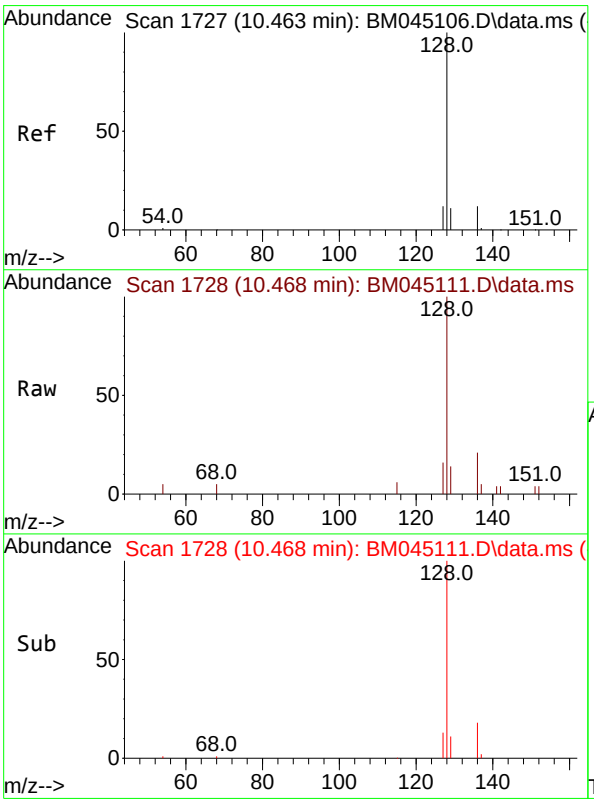
#2
1,4-Dioxane
Concen: 1.383 ng/ul
RT: 3.243 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM045111.D
Acq: 10 Apr 2024 22:49

Instrument :
BNA_M
ClientSampleId :
YCSQ2MS

Tgt Ion: 88 Resp: 2286

Ion	Ratio	Lower	Upper
88	100		
43	37.2	30.6	46.0
58	53.6	32.6	48.8#

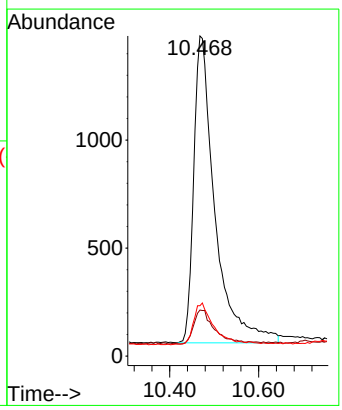


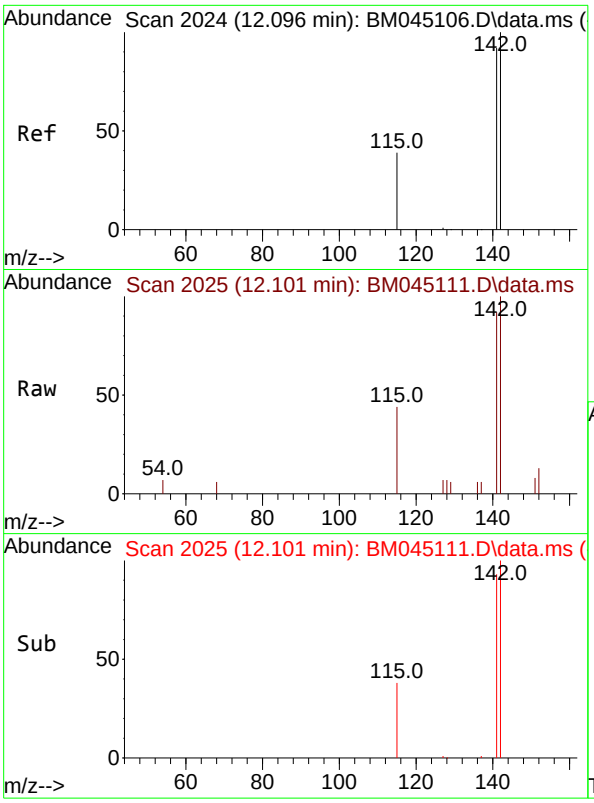


#5
Naphthalene
Concen: 0.437 ng/ul
RT: 10.468 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BM045111.D
Acq: 10 Apr 2024 22:49

Tgt Ion:128 Resp: 4693

Ion	Ratio	Lower	Upper
128	100		
129	14.4	11.3	16.9
127	15.7	11.9	17.9



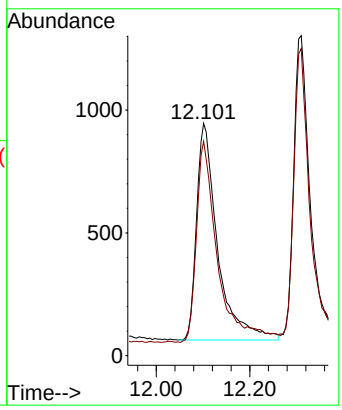


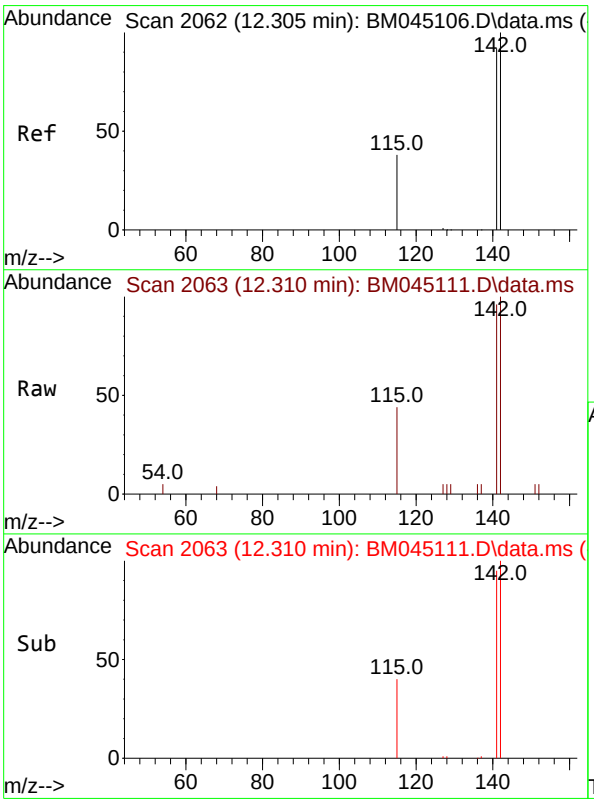
#7
2-Methylnaphthalene
Concen: 0.431 ng/ul
RT: 12.101 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM045111.D
Acq: 10 Apr 2024 22:49

Instrument :
BNA_M
ClientSampleId :
YCSQ2MS

Tgt Ion:142 Resp: 2763

Ion	Ratio	Lower	Upper
142	100		
141	93.9	73.8	110.8

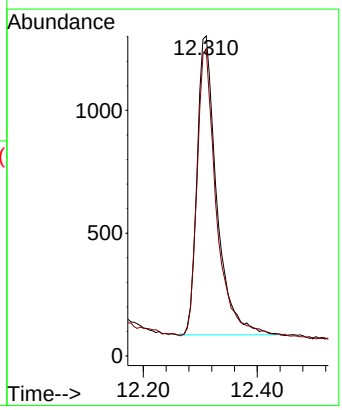


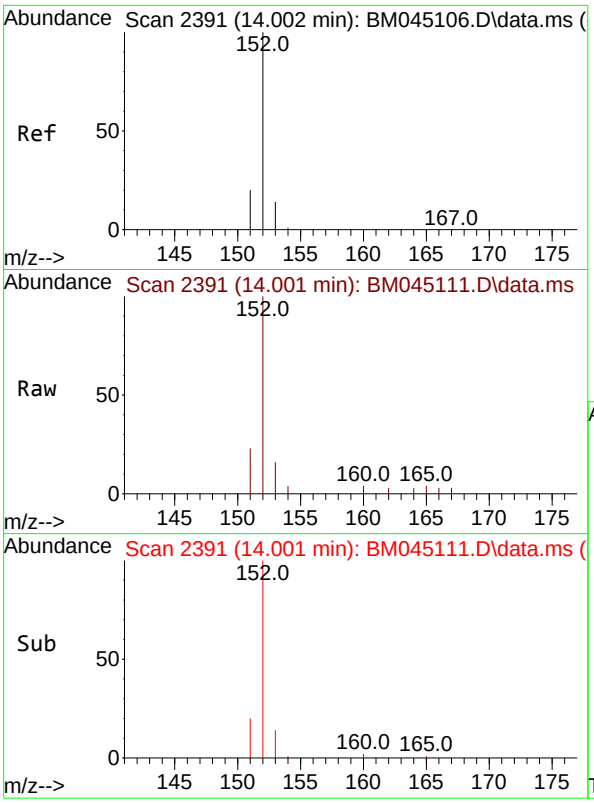


#8
1-Methylnaphthalene
Concen: 0.415 ng/ul
RT: 12.310 min Scan# 2063
Delta R.T. -0.000 min
Lab File: BM045111.D
Acq: 10 Apr 2024 22:49

Tgt Ion:142 Resp: 2906

Ion	Ratio	Lower	Upper
142	100		
141	94.6	74.2	111.2



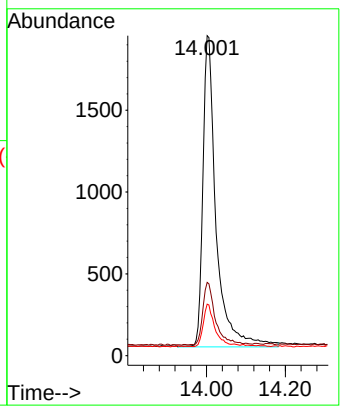


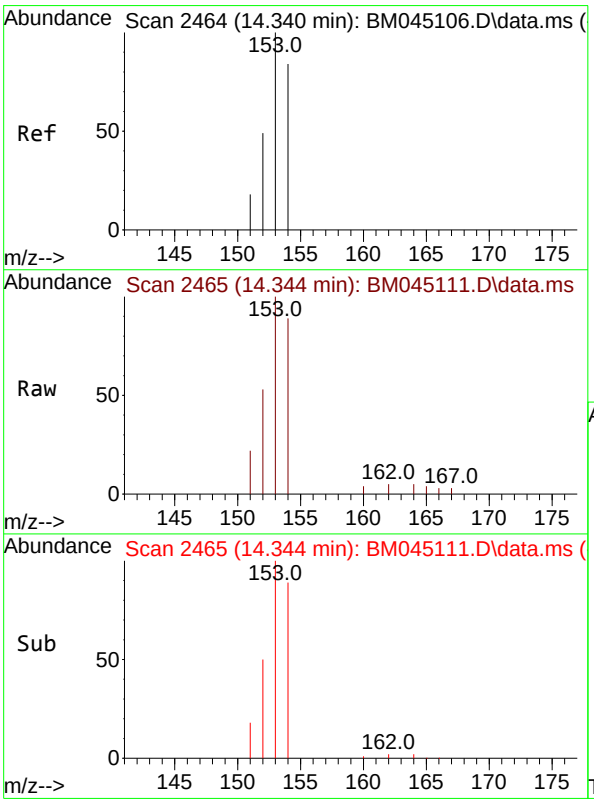
#10
Acenaphthylene
Concen: 0.438 ng/ul
RT: 14.001 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM045111.D
Acq: 10 Apr 2024 22:49

Instrument :
BNA_M
ClientSampleId :
YCSQ2MS

Tgt Ion:152 Resp: 4443

Ion	Ratio	Lower	Upper
152	100		
151	22.9	17.0	25.4
153	16.1	11.9	17.9

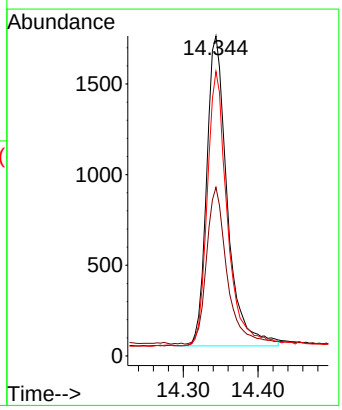


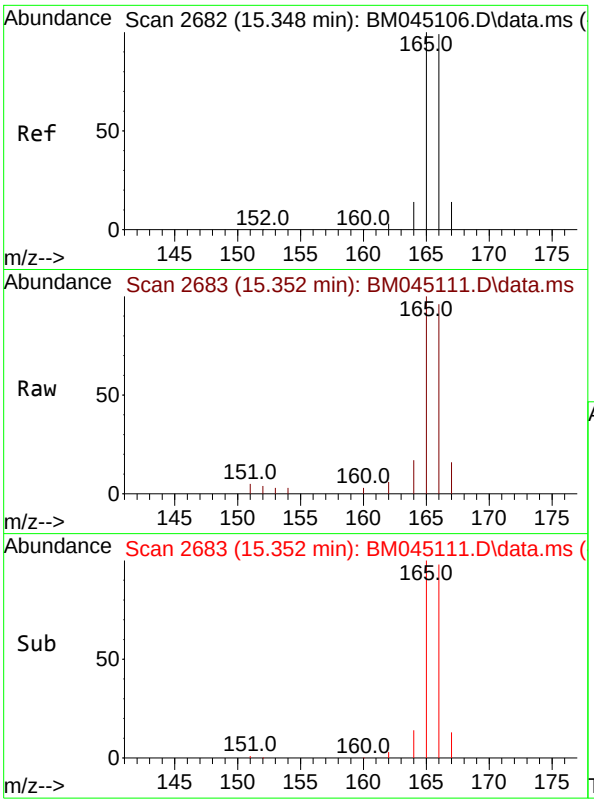


#11
Acenaphthene
Concen: 0.452 ng/ul
RT: 14.344 min Scan# 2465
Delta R.T. -0.005 min
Lab File: BM045111.D
Acq: 10 Apr 2024 22:49

Tgt Ion:153 Resp: 3282

Ion	Ratio	Lower	Upper
153	100		
152	52.7	41.2	61.8
154	88.9	69.4	104.0



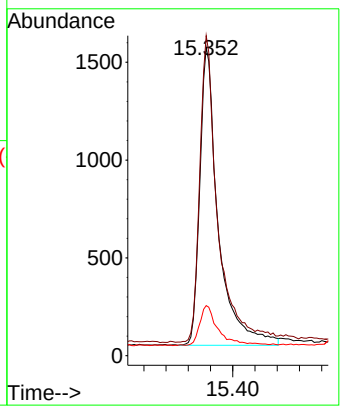


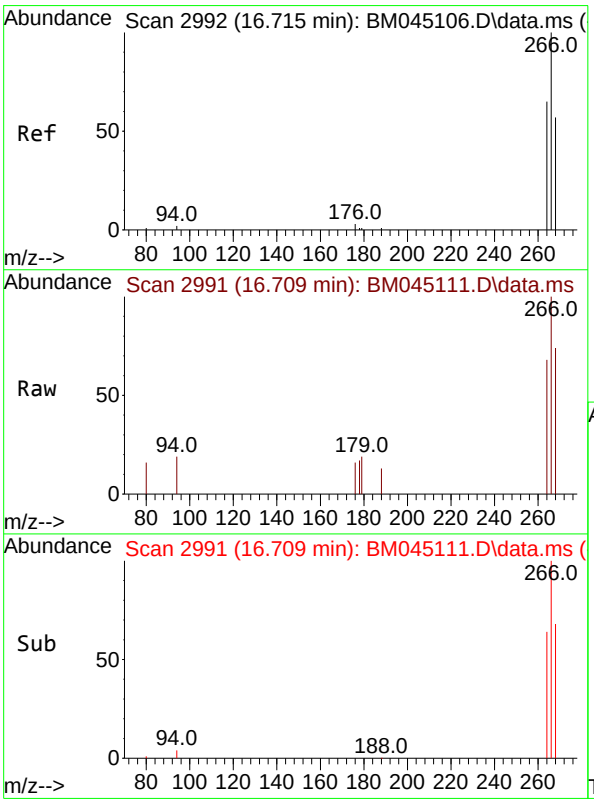
#12
Fluorene
Concen: 0.434 ng/ul
RT: 15.352 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM045111.D
Acq: 10 Apr 2024 22:49

Instrument :
BNA_M
ClientSampleId :
YCSQ2MS

Tgt Ion:166 Resp: 3531

Ion	Ratio	Lower	Upper
166	100		
165	103.7	79.9	119.9
167	16.2	12.2	18.2

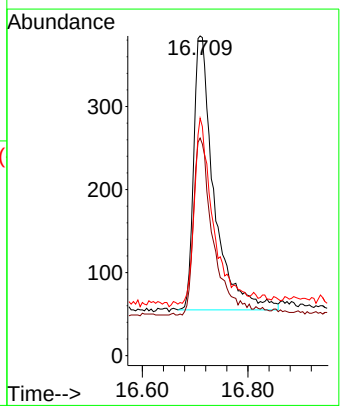


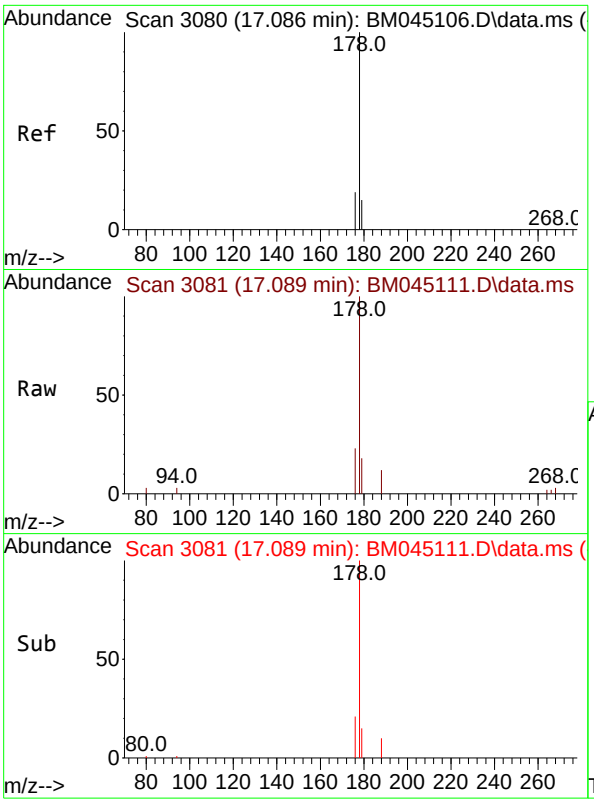


#14
Pentachlorophenol
Concen: 0.928 ng/ul
RT: 16.709 min Scan# 2991
Delta R.T. -0.017 min
Lab File: BM045111.D
Acq: 10 Apr 2024 22:49

Tgt Ion:266 Resp: 886

Ion	Ratio	Lower	Upper
266	100		
264	62.0	48.3	72.5
268	62.4	52.6	79.0



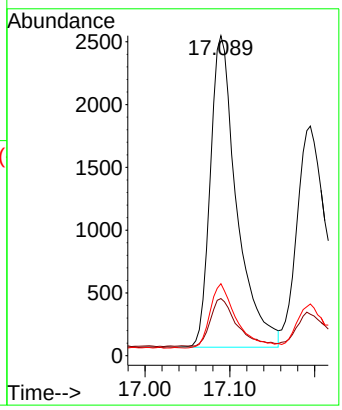


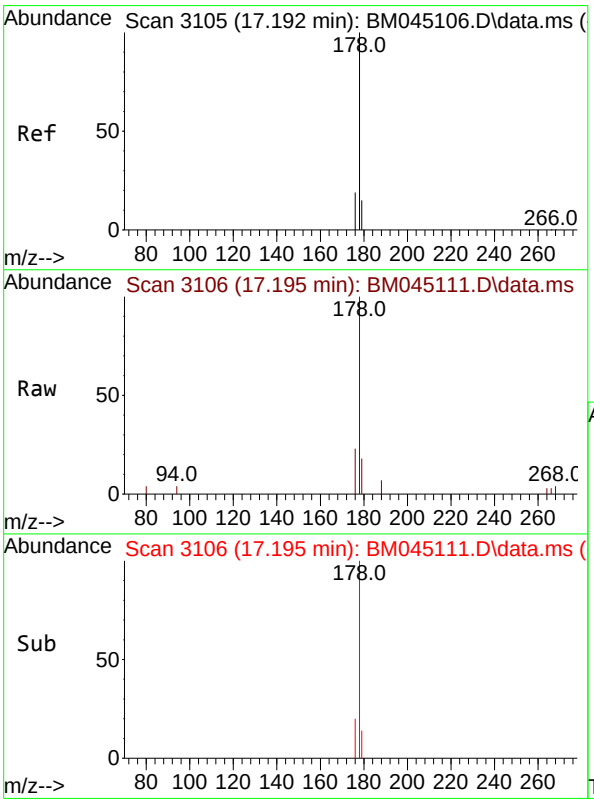
#15
Phenanthrene
Concen: 0.469 ng/ul
RT: 17.089 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM045111.D
Acq: 10 Apr 2024 22:49

Instrument :
BNA_M
ClientSampleId :
YCSQ2MS

Tgt Ion:178 Resp: 5376

Ion	Ratio	Lower	Upper
178	100		
179	17.9	13.7	20.5
176	22.5	17.0	25.4

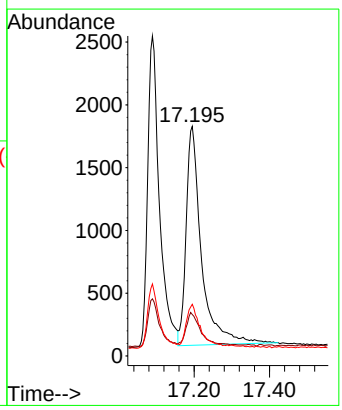


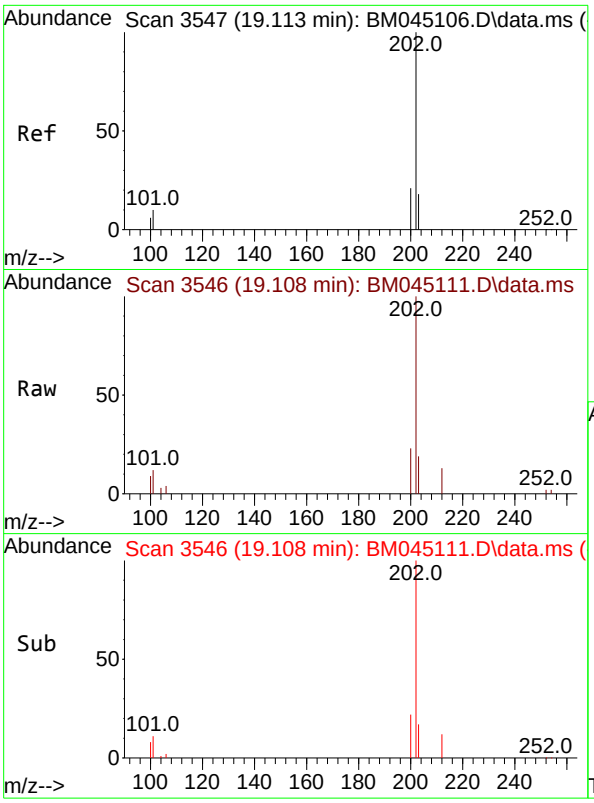


#16
Anthracene
Concen: 0.436 ng/ul
RT: 17.195 min Scan# 3106
Delta R.T. -0.004 min
Lab File: BM045111.D
Acq: 10 Apr 2024 22:49

Tgt Ion:178 Resp: 4922

Ion	Ratio	Lower	Upper
178	100		
179	18.1	13.8	20.8
176	22.5	16.2	24.4



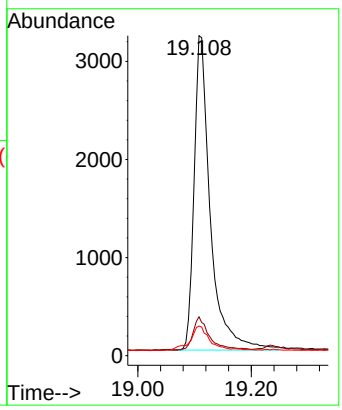


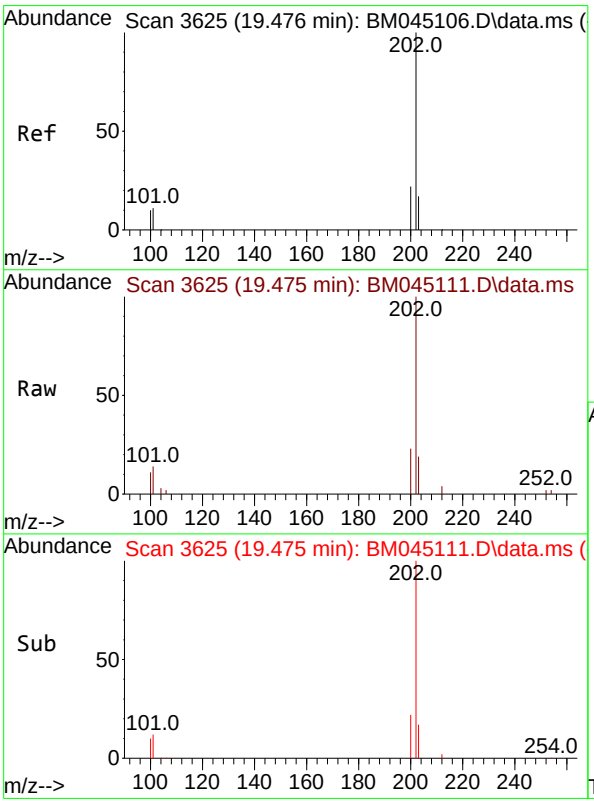
#19
Fluoranthene
Concen: 0.582 ng/ul
RT: 19.108 min Scan# 3
Delta R.T. -0.010 min
Lab File: BM045111.D
Acq: 10 Apr 2024 22:49

Instrument :
BNA_M
ClientSampleId :
YCSQ2MS

Tgt Ion:202 Resp: 6364

Ion	Ratio	Lower	Upper
202	100		
101	12.2	8.8	13.2
100	9.3	7.0	10.4

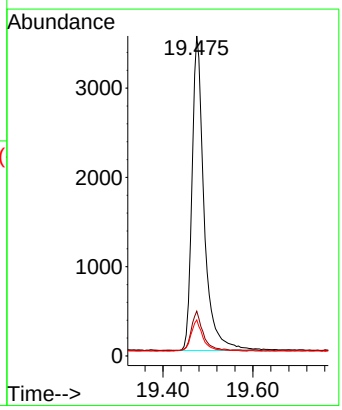


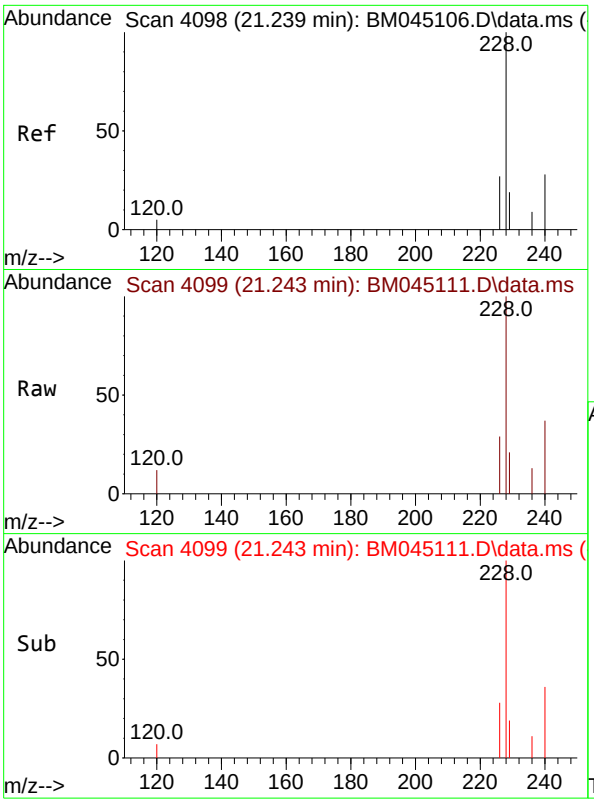


#20
Pyrene
Concen: 0.575 ng/ul
RT: 19.475 min Scan# 3625
Delta R.T. -0.005 min
Lab File: BM045111.D
Acq: 10 Apr 2024 22:49

Tgt Ion:202 Resp: 6638

Ion	Ratio	Lower	Upper
202	100		
101	14.0	9.8	14.6
100	11.2	8.1	12.1



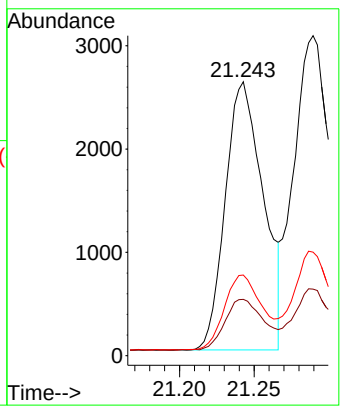


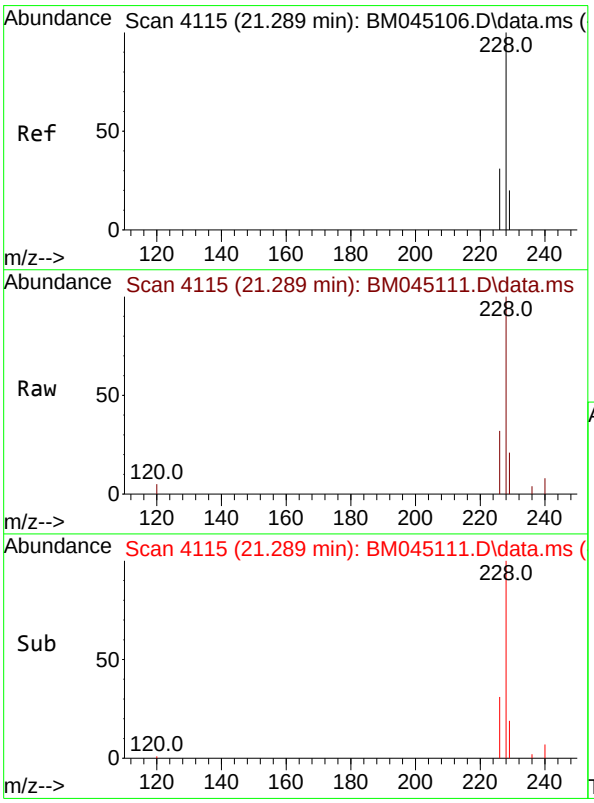
#21
Benzo(a)anthracene
Concen: 0.433 ng/ul
RT: 21.243 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM045111.D
Acq: 10 Apr 2024 22:49

Instrument :
BNA_M
ClientSampleId :
YCSQ2MS

Tgt Ion:228 Resp: 4608

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.4	24.6
226	29.4	22.3	33.5

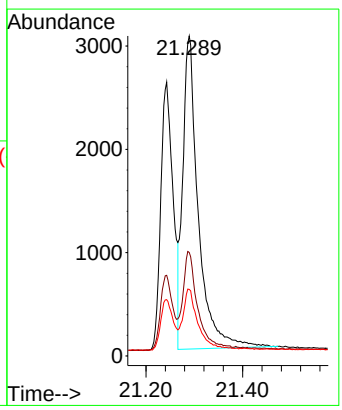


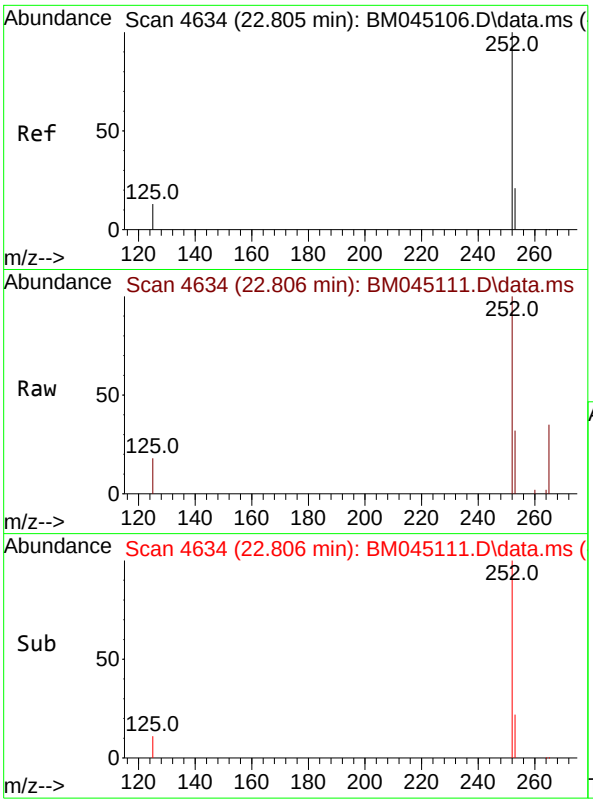


#22
Chrysene
Concen: 0.508 ng/ul
RT: 21.289 min Scan# 4115
Delta R.T. -0.003 min
Lab File: BM045111.D
Acq: 10 Apr 2024 22:49

Tgt Ion:228 Resp: 6752

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.9	37.3
229	20.8	15.9	23.9



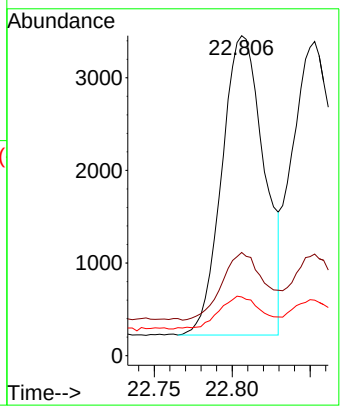


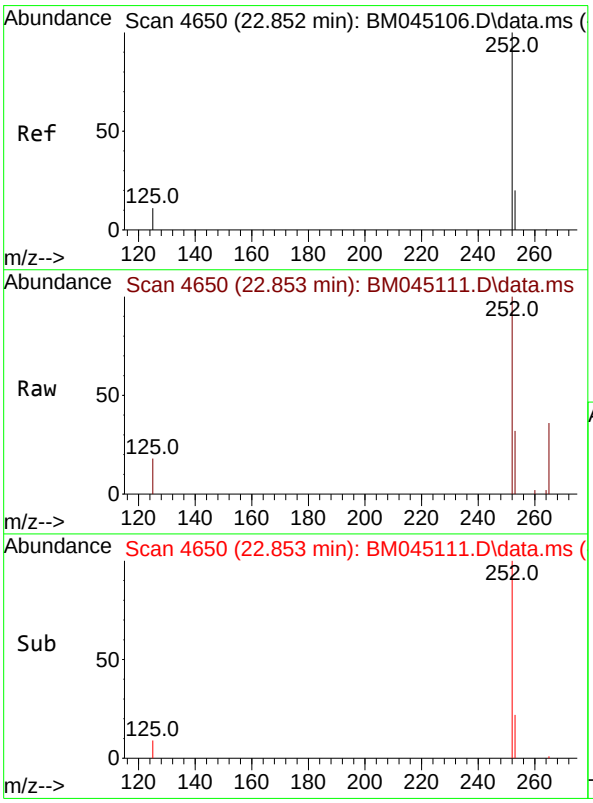
#24
Benzo(b)fluoranthene
Concen: 0.434 ng/ul
RT: 22.806 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM045111.D
Acq: 10 Apr 2024 22:49

Instrument :
BNA_M
ClientSampleId :
YCSQ2MS

Tgt Ion:252 Resp: 6098

Ion	Ratio	Lower	Upper
252	100		
253	32.2	0.0	56.4
125	18.3	0.0	33.4

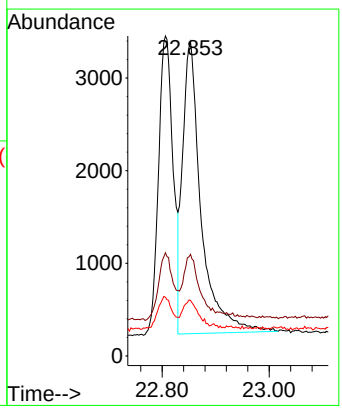


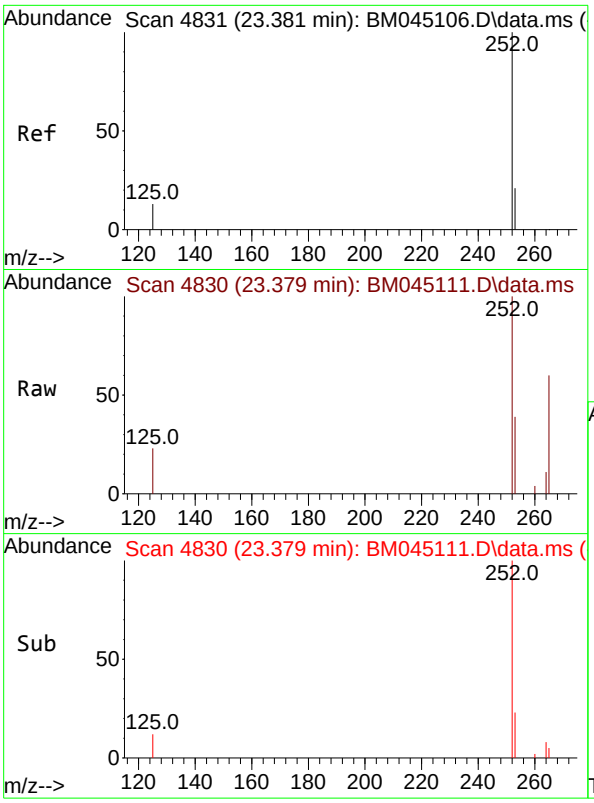


#25
Benzo(k)fluoranthene
Concen: 0.480 ng/ul
RT: 22.853 min Scan# 4650
Delta R.T. -0.003 min
Lab File: BM045111.D
Acq: 10 Apr 2024 22:49

Tgt Ion:252 Resp: 7560

Ion	Ratio	Lower	Upper
252	100		
253	32.3	22.3	33.5
125	17.7	11.6	17.4#



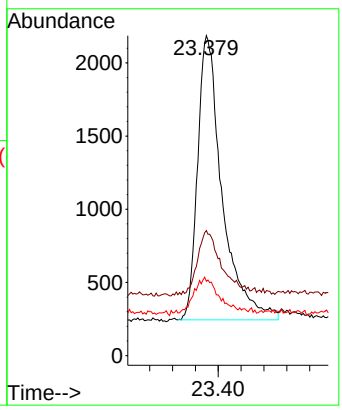


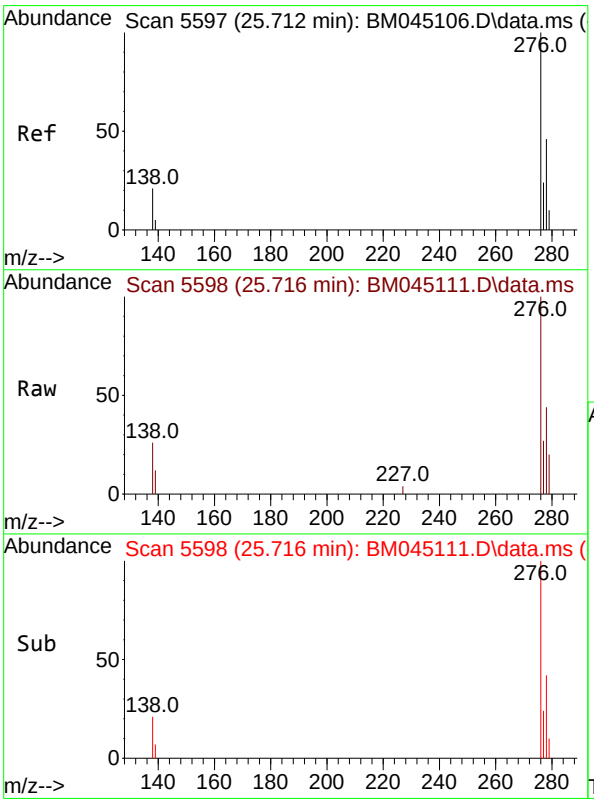
#26
Benzo(a)pyrene
Concen: 0.432 ng/ul
RT: 23.379 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM045111.D
Acq: 10 Apr 2024 22:49

Instrument :
BNA_M
ClientSampleId :
YCSQ2MS

Tgt Ion:252 Resp: 5800

Ion	Ratio	Lower	Upper
252	100		
253	39.1	24.6	37.0#
125	23.2	18.2	27.4

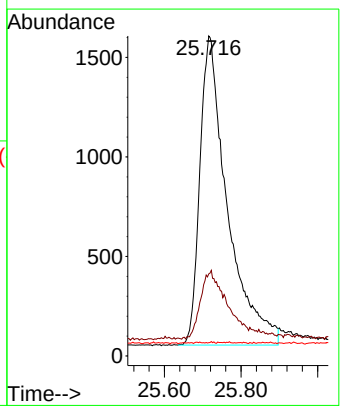


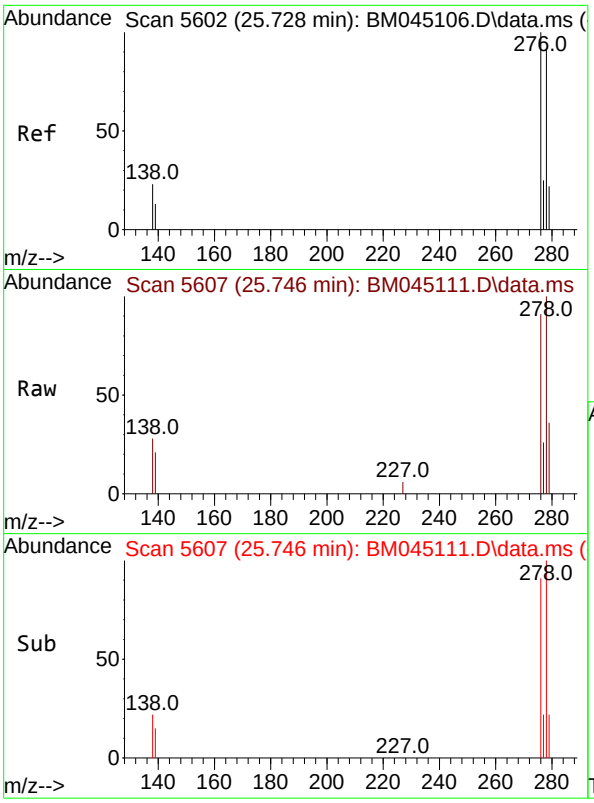


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.421 ng/ul
RT: 25.716 min Scan# 5598
Delta R.T. -0.004 min
Lab File: BM045111.D
Acq: 10 Apr 2024 22:49

Tgt Ion:276 Resp: 7740

Ion	Ratio	Lower	Upper
276	100		
138	22.9	0.0	0.0#
227	0.1	0.1	0.1



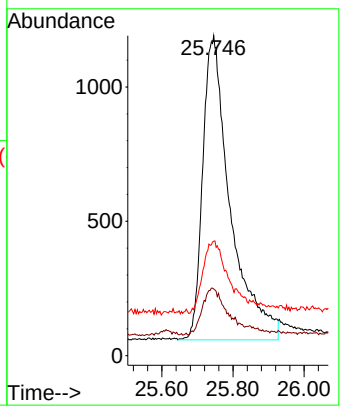


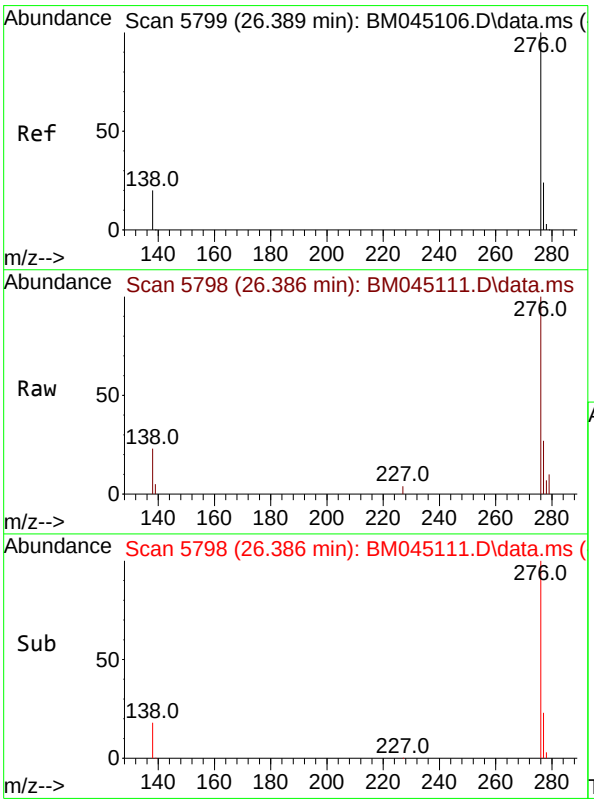
#28
Dibenzo(a,h)anthracene
Concen: 0.417 ng/ul
RT: 25.746 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM045111.D
Acq: 10 Apr 2024 22:49

Instrument :
BNA_M
ClientSampleId :
YCSQ2MS

Tgt Ion:278 Resp: 6075

Ion	Ratio	Lower	Upper
278	100		
139	20.8	13.6	20.4#
279	35.8	23.0	34.4#





#29
Benzo(g,h,i)perylene
Concen: 0.437 ng/ul
RT: 26.386 min Scan# 5798
Delta R.T. -0.000 min
Lab File: BM045111.D
Acq: 10 Apr 2024 22:49

Tgt Ion:276 Resp: 6926

Ion	Ratio	Lower	Upper
276	100		
138	23.3	16.8	25.2
277	26.7	20.3	30.5