Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041024\
Data File : BM045103.D
Acq On : 10 Apr 2024 17:23
Operator : MA/JU
Sample : P1973-10MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YCSS0MS

Quant Time: Apr 10 19:17:33 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	7.631	152	1385	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.408	136	4314	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.270	164	2414	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.035	188	5192	0.400	ng/ul	-0.02
17) Chrysene-d12	21.243	240	4703	0.400	ng/ul	-0.01
23) Perylene-d12	23.464	264	5498	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	348	0.191	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.997	152	2185	0.374	ng/ul	-0.03
18) Fluoranthene-d10	19.071	212	5996	0.505	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.243	88	1965	1.127	ng/ul#	85
5) Naphthalene	10.457	128	4371	0.382	ng/ul	99
7) 2-Methylnaphthalene	12.074	142	2833	0.414	ng/ul	96
8) 1-Methylnaphthalene	12.294	142	2873	0.385	ng/ul	99
10) Acenaphthylene	13.992	152	4730	0.393	ng/ul	98
11) Acenaphthene	14.334	153	3512	0.407	ng/ul	99
12) Fluorene	15.334	166	4144	0.429	ng/ul	98
14) Pentachlorophenol	16.688	266	1452	1.193	ng/ul	98
15) Phenanthrene	17.073	178	6630	0.454	ng/ul	99
16) Anthracene	17.170	178	6486	0.451	ng/ul	99
19) Fluoranthene	19.103	202	8811	0.524	ng/ul#	78
20) Pyrene	19.466	202	9278	0.523	ng/ul	96
21) Benzo(a)anthracene	21.228	228	7952	0.486	ng/ul	97
22) Chrysene	21.281	228	8719	0.427	ng/ul	99
24) Benzo(b)fluoranthene	22.800	252	8909	0.449	ng/ul	94
25) Benzo(k)fluoranthene	22.844	252	9349	0.420	ng/ul	93
26) Benzo(a)pyrene	23.368	252	8227	0.434	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.696	276	10721	0.413	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.716	278	8535	0.415	ng/ul	95
29) Benzo(g,h,i)perylene	26.376	276	9110	0.407	ng/ul	97

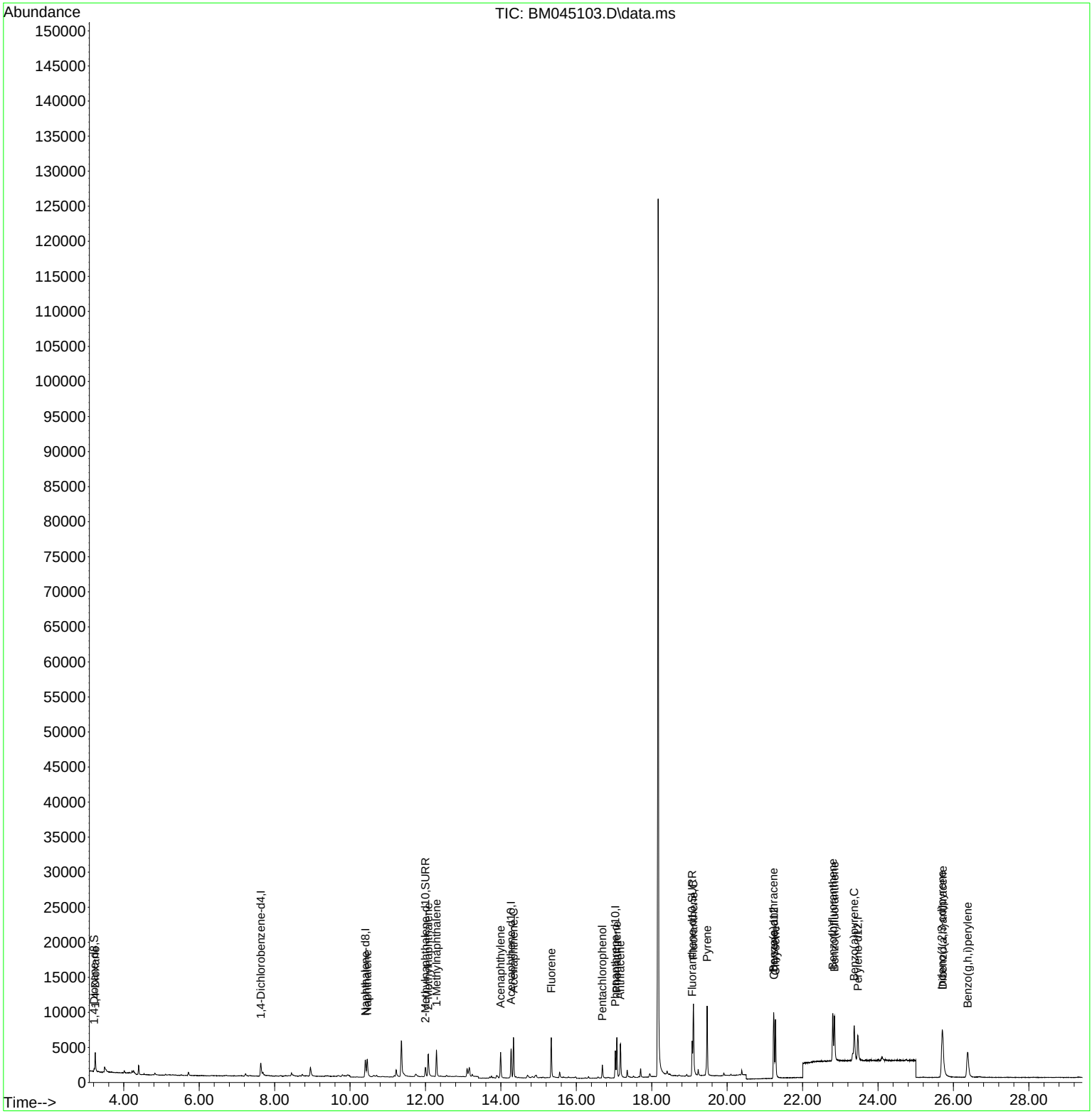
(#) = qualifier out of range (m) = manual integration (+) = signals summed

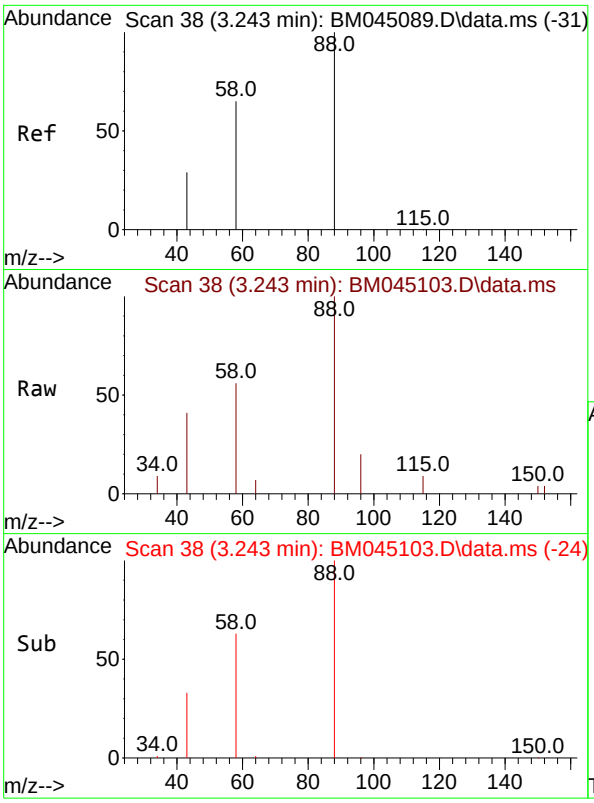
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041024\
Data File : BM045103.D
Acq On : 10 Apr 2024 17:23
Operator : MA/JU
Sample : P1973-10MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YCSS0MS

Quant Time: Apr 10 19:17:33 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



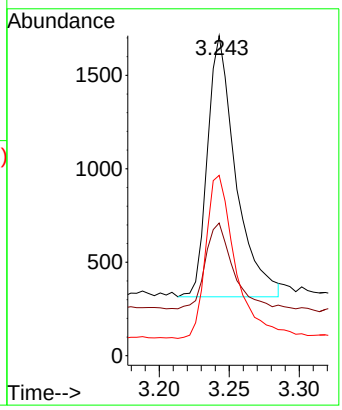


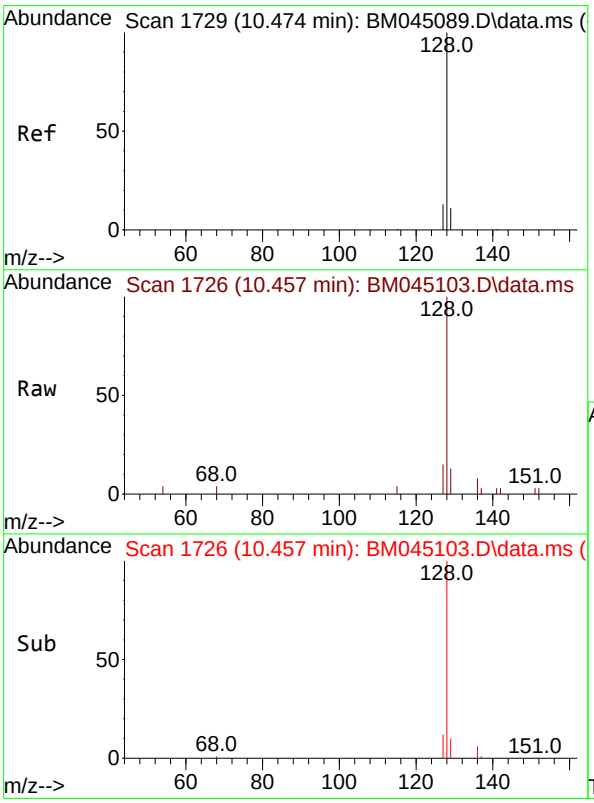
#2
1,4-Dioxane
Concen: 1.127 ng/ul
RT: 3.243 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM045103.D
Acq: 10 Apr 2024 17:23

Instrument :
BNA_M
ClientSampleId :
YCSS0MS

Tgt Ion: 88 Resp: 1965

Ion	Ratio	Lower	Upper
88	100		
43	41.5	30.6	46.0
58	56.4	32.6	48.8#

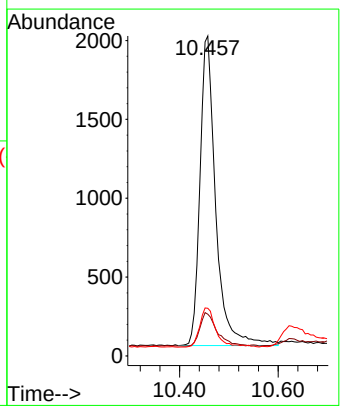


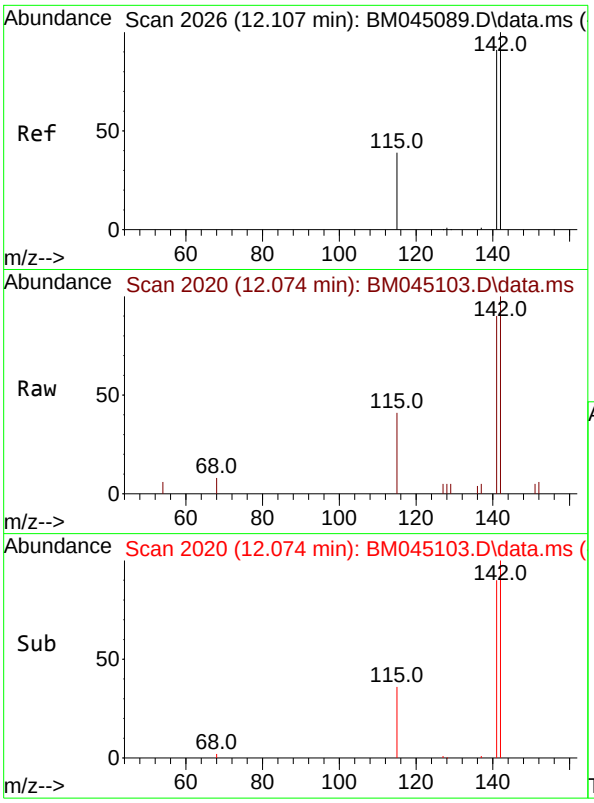


#5
Naphthalene
Concen: 0.382 ng/ul
RT: 10.457 min Scan# 1726
Delta R.T. -0.017 min
Lab File: BM045103.D
Acq: 10 Apr 2024 17:23

Tgt Ion:128 Resp: 4371

Ion	Ratio	Lower	Upper
128	100		
129	13.1	11.3	16.9
127	14.9	11.9	17.9



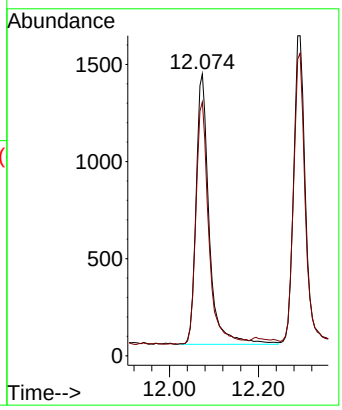


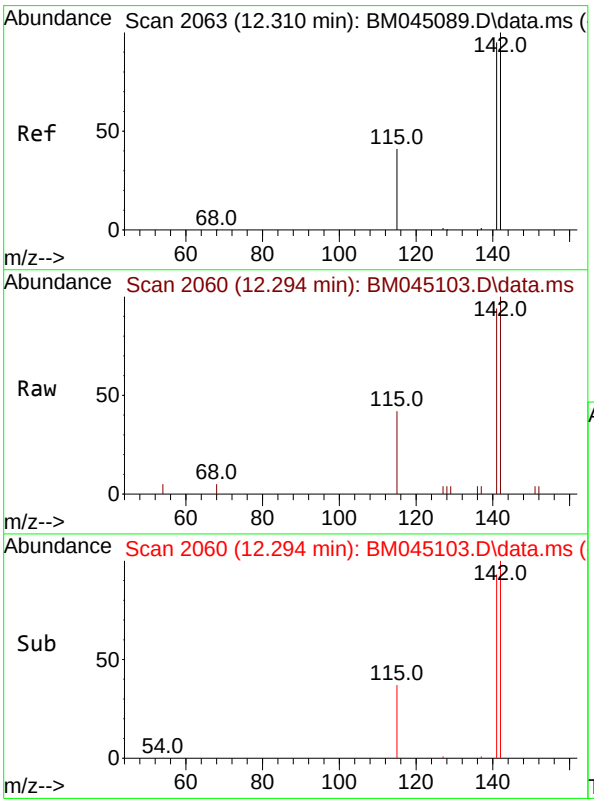
#7
2-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.074 min Scan# 2
Delta R.T. -0.033 min
Lab File: BM045103.D
Acq: 10 Apr 2024 17:23

Instrument :
BNA_M
ClientSampleId :
YCSS0MS

Tgt Ion:142 Resp: 2833

Ion	Ratio	Lower	Upper
142	100		
141	88.4	73.8	110.8

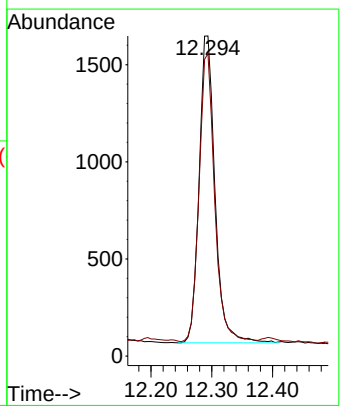


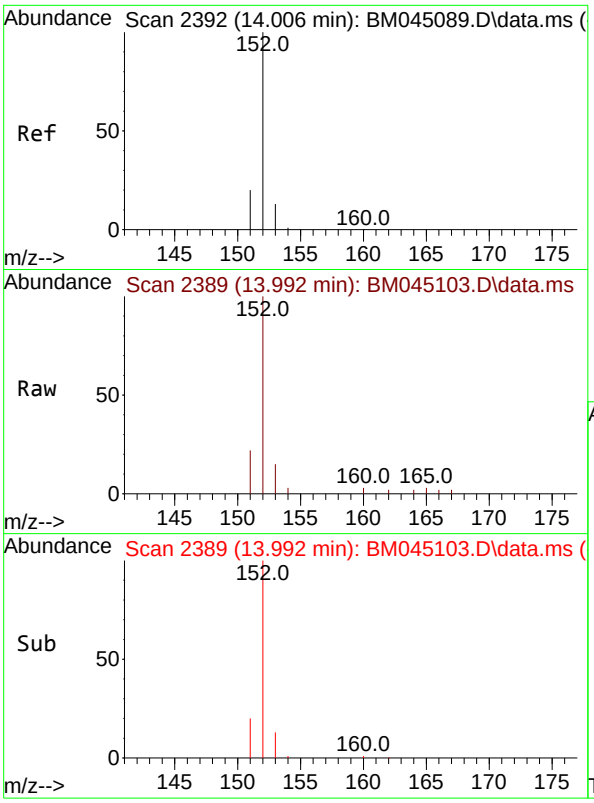


#8
1-Methylnaphthalene
Concen: 0.385 ng/ul
RT: 12.294 min Scan# 2060
Delta R.T. -0.017 min
Lab File: BM045103.D
Acq: 10 Apr 2024 17:23

Tgt Ion:142 Resp: 2873

Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.2	111.2



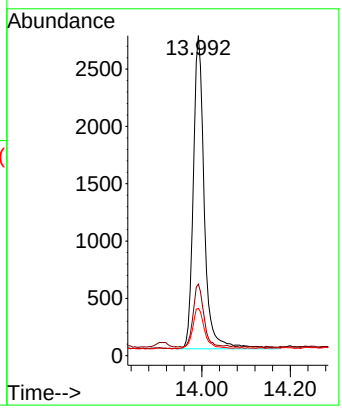


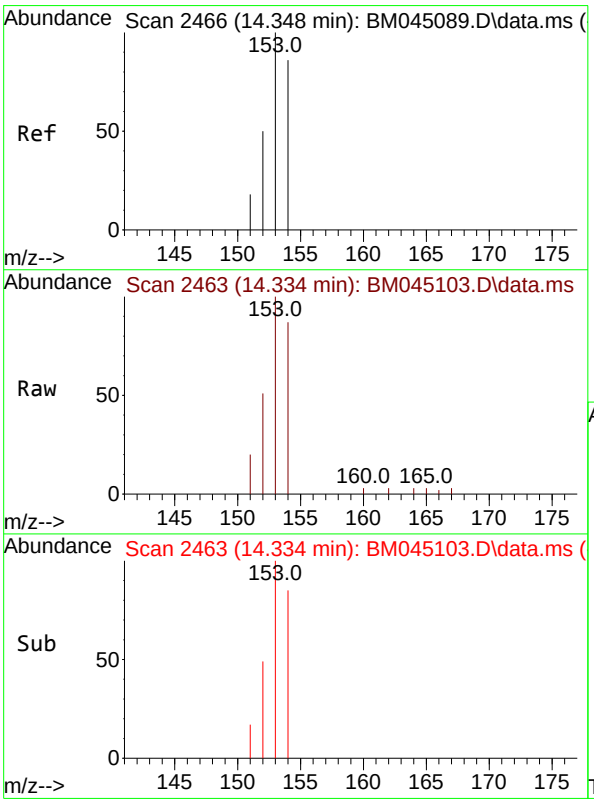
#10
Acenaphthylene
Concen: 0.393 ng/ul
RT: 13.992 min Scan# 2
Delta R.T. -0.014 min
Lab File: BM045103.D
Acq: 10 Apr 2024 17:23

Instrument :
BNA_M
ClientSampleId :
YCSS0MS

Tgt Ion:152 Resp: 4730

Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.0	25.4
153	14.7	11.9	17.9

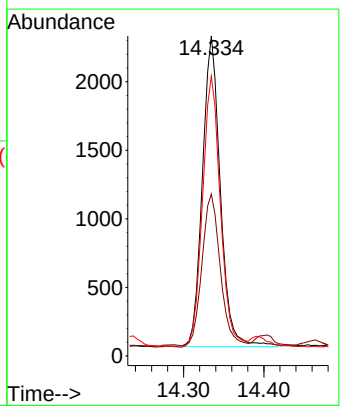


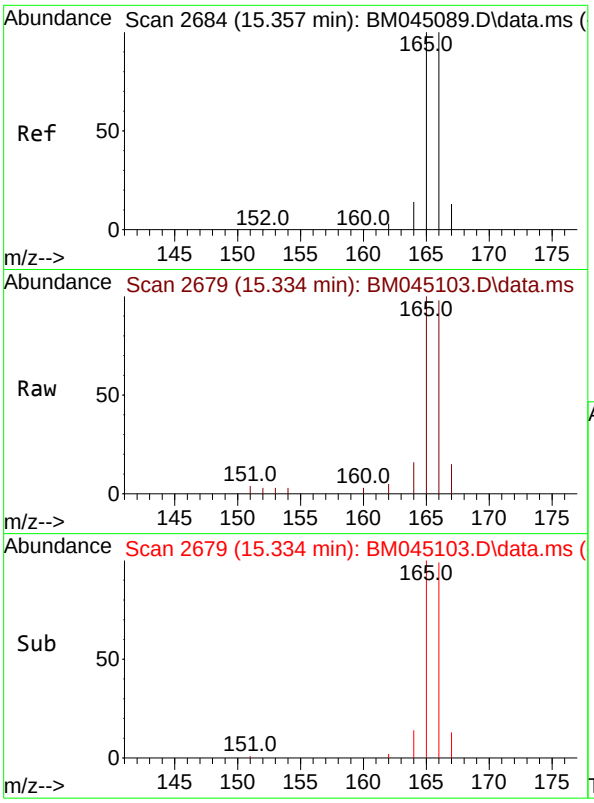


#11
Acenaphthene
Concen: 0.407 ng/ul
RT: 14.334 min Scan# 2463
Delta R.T. -0.014 min
Lab File: BM045103.D
Acq: 10 Apr 2024 17:23

Tgt Ion:153 Resp: 3512

Ion	Ratio	Lower	Upper
153	100		
152	50.6	41.2	61.8
154	87.4	69.4	104.0



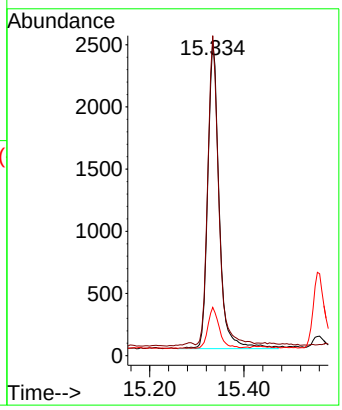


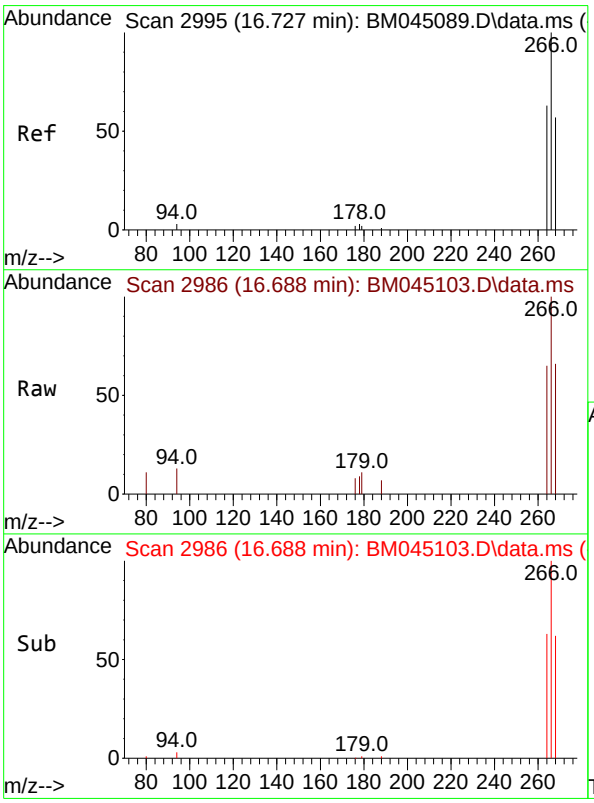
#12
Fluorene
Concen: 0.429 ng/ul
RT: 15.334 min Scan# 2
Delta R.T. -0.023 min
Lab File: BM045103.D
Acq: 10 Apr 2024 17:23

Instrument :
BNA_M
ClientSampleId :
YCSS0MS

Tgt Ion:166 Resp: 4144

Ion	Ratio	Lower	Upper
166	100		
165	101.7	79.9	119.9
167	15.4	12.2	18.2

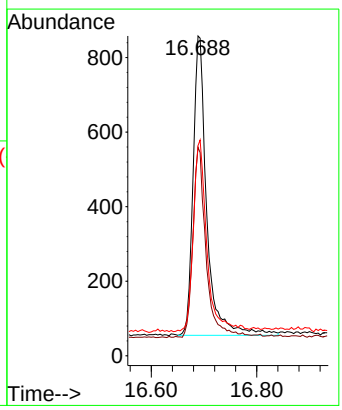


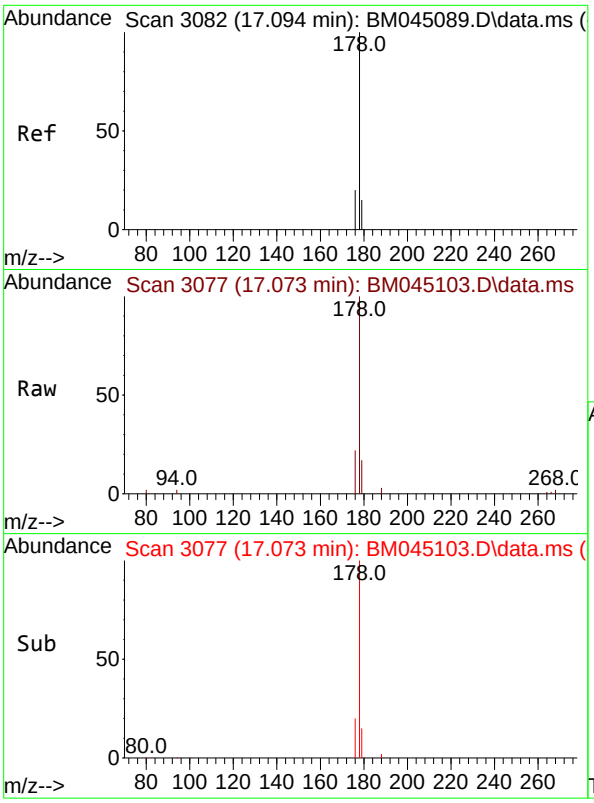


#14
Pentachlorophenol
Concen: 1.193 ng/ul
RT: 16.688 min Scan# 2986
Delta R.T. -0.038 min
Lab File: BM045103.D
Acq: 10 Apr 2024 17:23

Tgt Ion:266 Resp: 1452

Ion	Ratio	Lower	Upper
266	100		
264	60.4	48.3	72.5
268	63.4	52.6	79.0



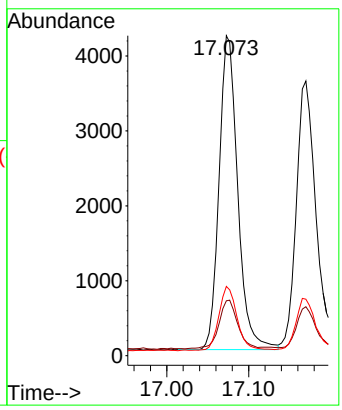


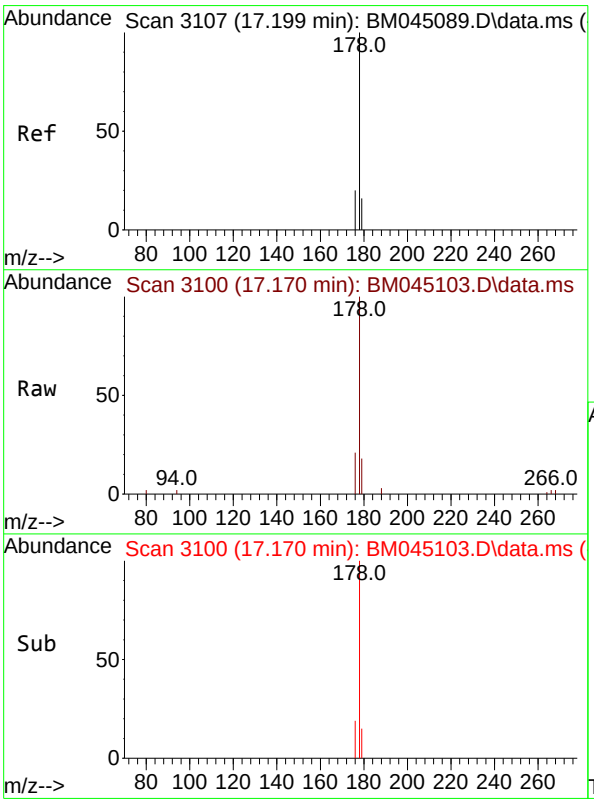
#15
Phenanthrene
Concen: 0.454 ng/ul
RT: 17.073 min Scan# 3
Delta R.T. -0.021 min
Lab File: BM045103.D
Acq: 10 Apr 2024 17:23

Instrument :
BNA_M
ClientSampleId :
YCSS0MS

Tgt Ion:178 Resp: 6630

Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.7	20.5
176	21.6	17.0	25.4

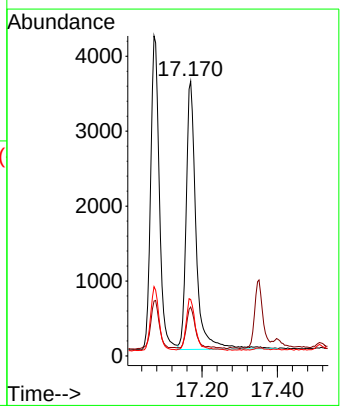


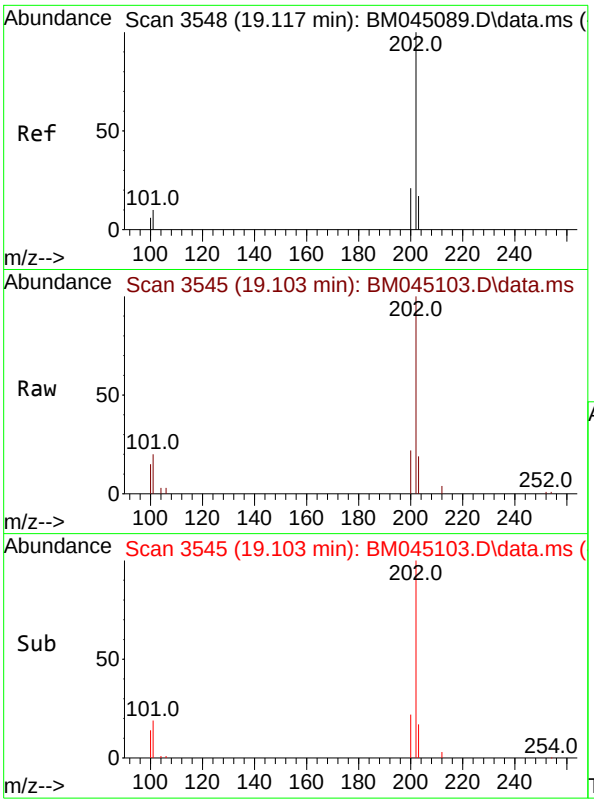


#16
Anthracene
Concen: 0.451 ng/ul
RT: 17.170 min Scan# 3100
Delta R.T. -0.030 min
Lab File: BM045103.D
Acq: 10 Apr 2024 17:23

Tgt Ion:178 Resp: 6486

Ion	Ratio	Lower	Upper
178	100		
179	17.8	13.8	20.8
176	20.6	16.2	24.4



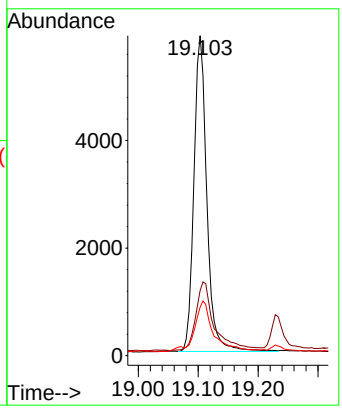


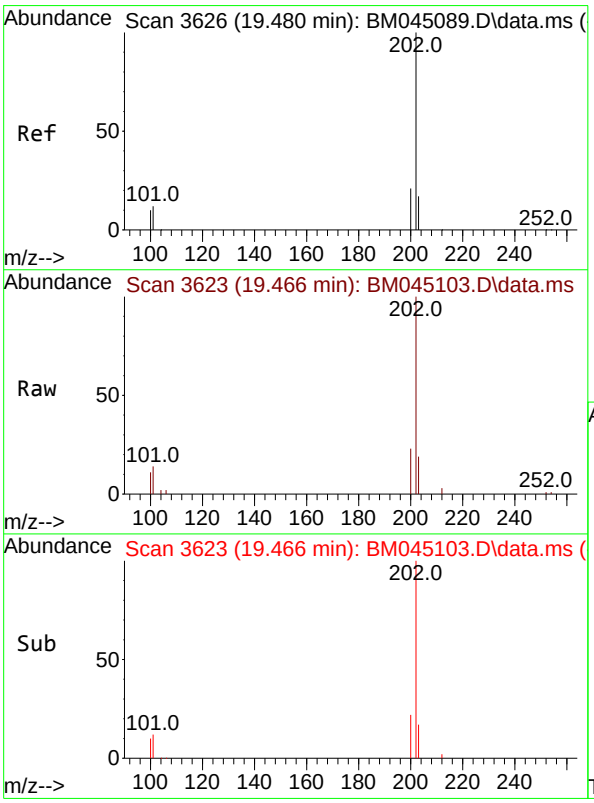
#19
Fluoranthene
Concen: 0.524 ng/ul
RT: 19.103 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM045103.D
Acq: 10 Apr 2024 17:23

Instrument :
BNA_M
ClientSampleId :
YCSS0MS

Tgt Ion:202 Resp: 8811

Ion	Ratio	Lower	Upper
202	100		
101	20.4	8.8	13.2#
100	15.1	7.0	10.4#

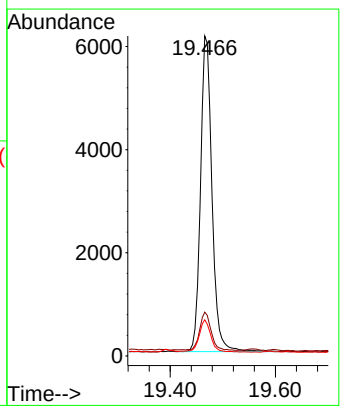


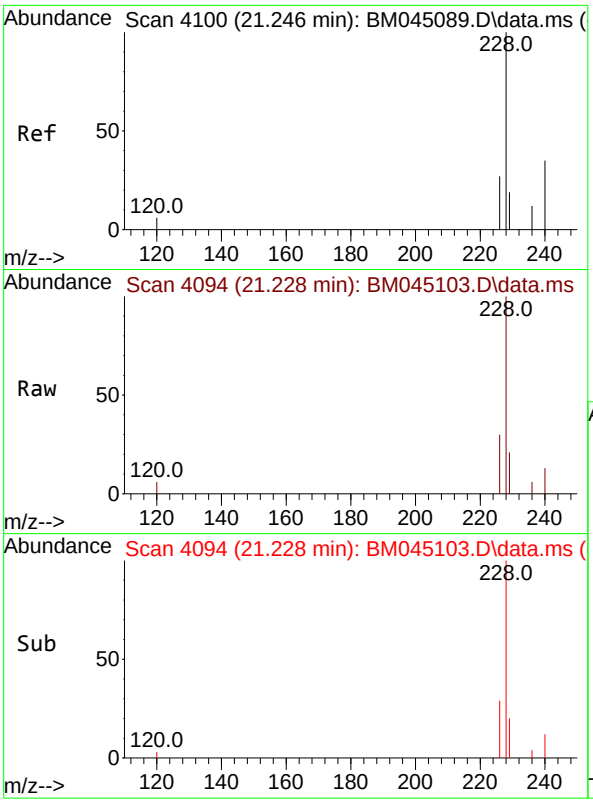


#20
Pyrene
Concen: 0.523 ng/ul
RT: 19.466 min Scan# 3623
Delta R.T. -0.014 min
Lab File: BM045103.D
Acq: 10 Apr 2024 17:23

Tgt Ion:202 Resp: 9278

Ion	Ratio	Lower	Upper
202	100		
101	13.7	9.8	14.6
100	11.3	8.1	12.1



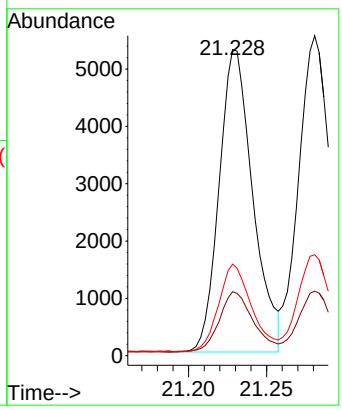


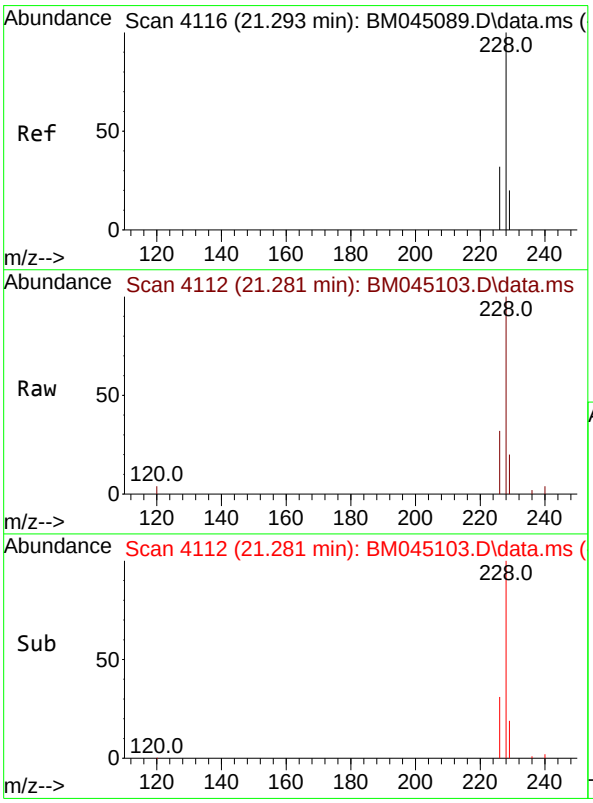
#21
Benzo(a)anthracene
Concen: 0.486 ng/ul
RT: 21.228 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM045103.D
Acq: 10 Apr 2024 17:23

Instrument :
BNA_M
ClientSampleId :
YCSS0MS

Tgt Ion:228 Resp: 7952

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.4	24.6
226	29.9	22.3	33.5

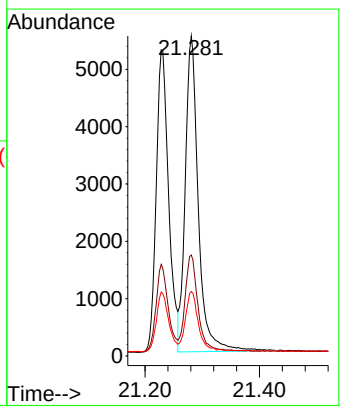


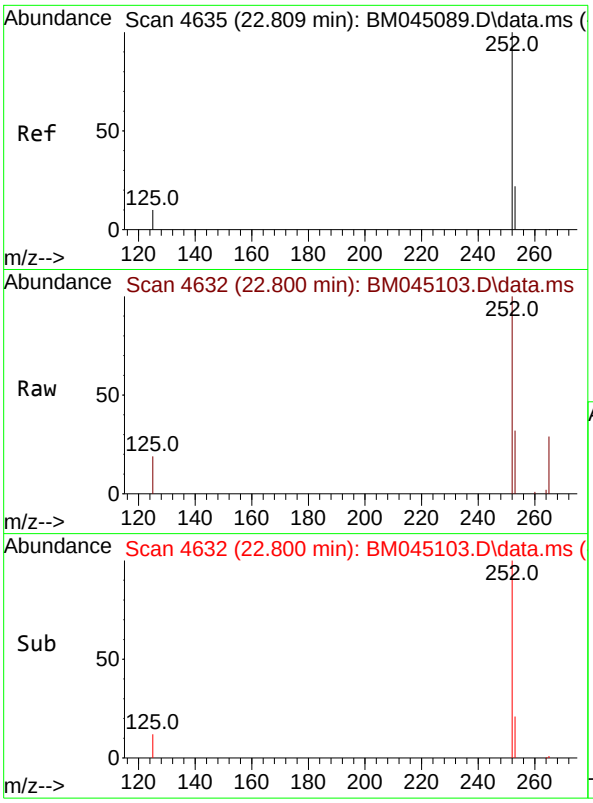


#22
Chrysene
Concen: 0.427 ng/ul
RT: 21.281 min Scan# 4112
Delta R.T. -0.012 min
Lab File: BM045103.D
Acq: 10 Apr 2024 17:23

Tgt Ion:228 Resp: 8719

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	20.2	15.9	23.9



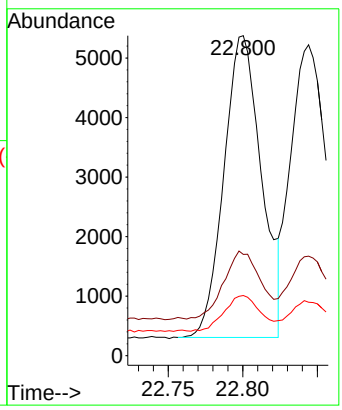


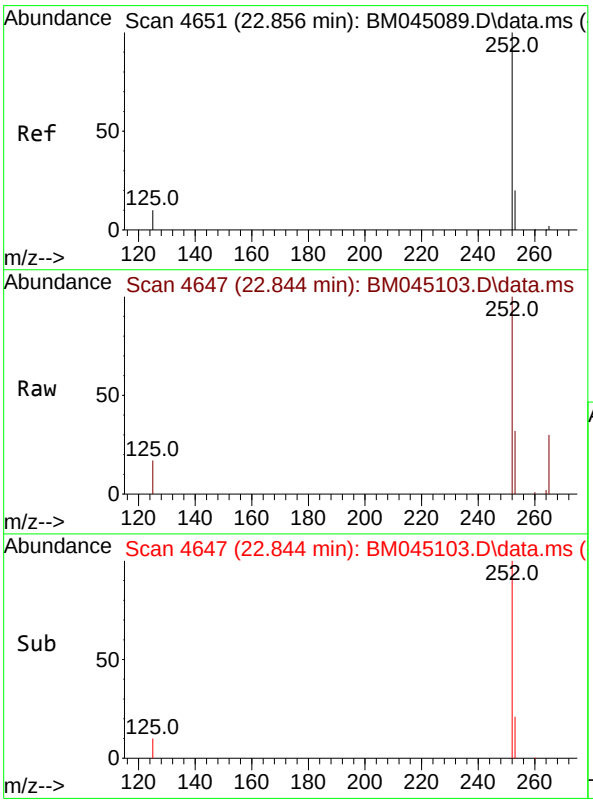
#24
Benzo(b)fluoranthene
Concen: 0.449 ng/ul
RT: 22.800 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM045103.D
Acq: 10 Apr 2024 17:23

Instrument :
BNA_M
ClientSampleId :
YCSS0MS

Tgt Ion:252 Resp: 8909

Ion	Ratio	Lower	Upper
252	100		
253	31.7	0.0	56.4
125	18.8	0.0	33.4

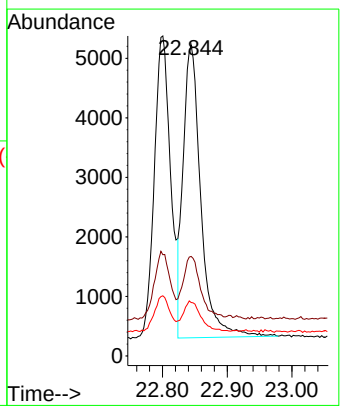


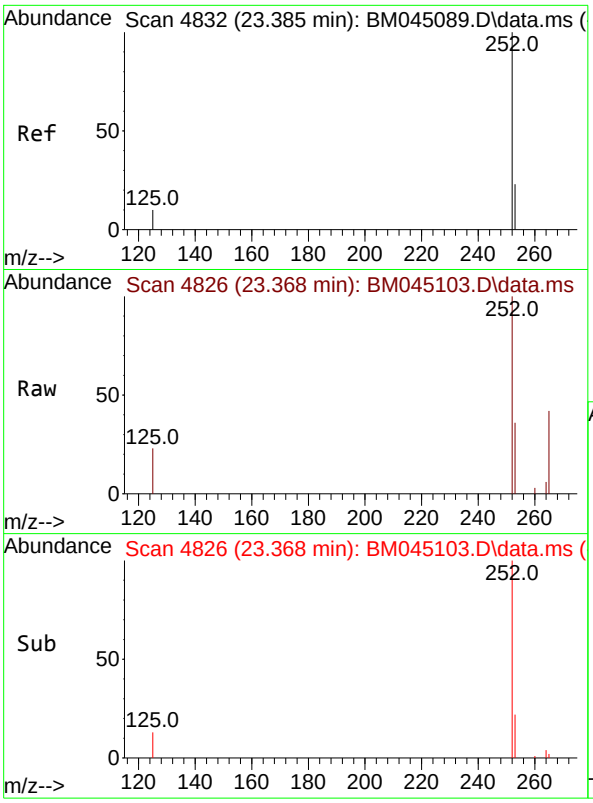


#25
Benzo(k)fluoranthene
Concen: 0.420 ng/ul
RT: 22.844 min Scan# 4647
Delta R.T. -0.012 min
Lab File: BM045103.D
Acq: 10 Apr 2024 17:23

Tgt Ion:252 Resp: 9349

Ion	Ratio	Lower	Upper
252	100		
253	32.0	22.3	33.5
125	17.2	11.6	17.4



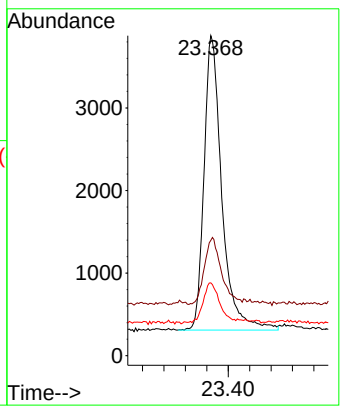


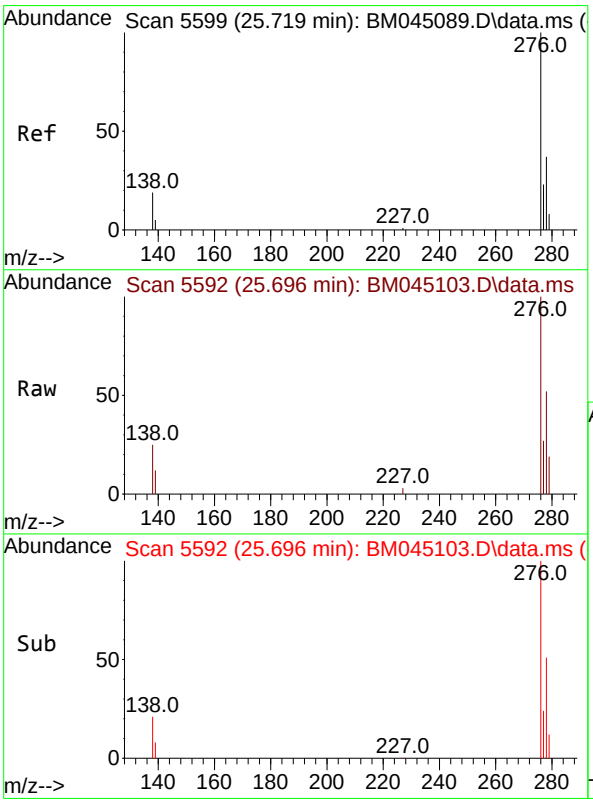
#26
Benzo(a)pyrene
Concen: 0.434 ng/ul
RT: 23.368 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM045103.D
Acq: 10 Apr 2024 17:23

Instrument :
BNA_M
ClientSampleId :
YCSS0MS

Tgt Ion:252 Resp: 8227

Ion	Ratio	Lower	Upper
252	100		
253	36.1	24.6	37.0
125	22.8	18.2	27.4

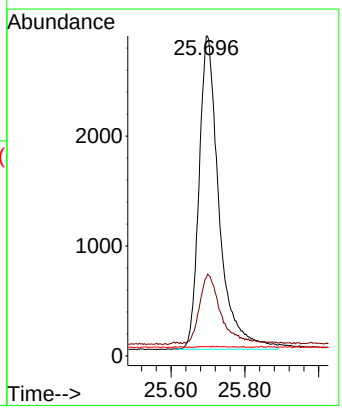


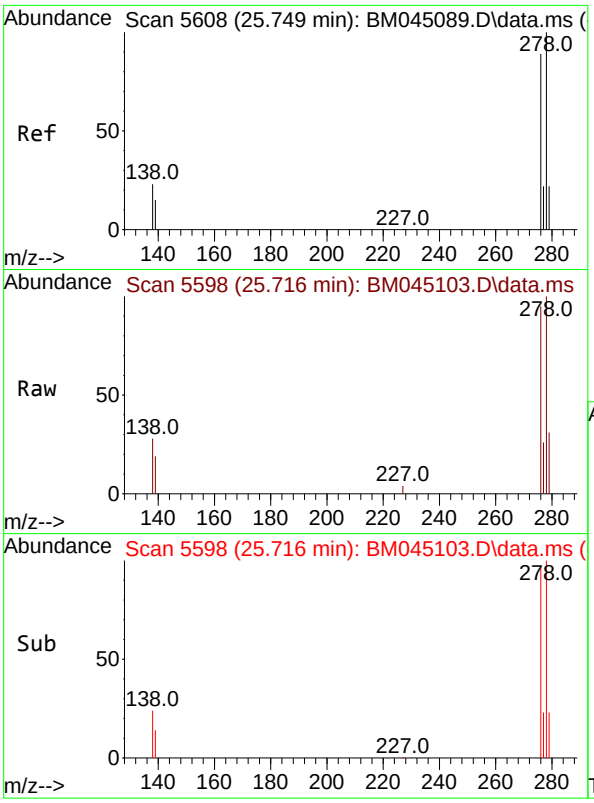


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.413 ng/ul
RT: 25.696 min Scan# 5592
Delta R.T. -0.024 min
Lab File: BM045103.D
Acq: 10 Apr 2024 17:23

Tgt Ion:276 Resp: 10721

Ion	Ratio	Lower	Upper
276	100		
138	24.0	0.0	0.0#
227	0.0	0.1	0.1#



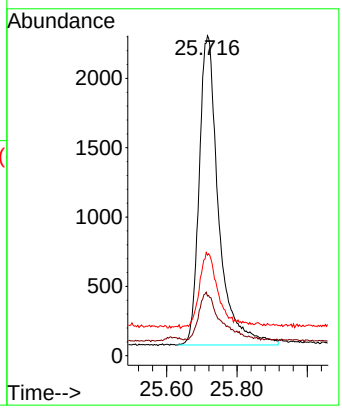


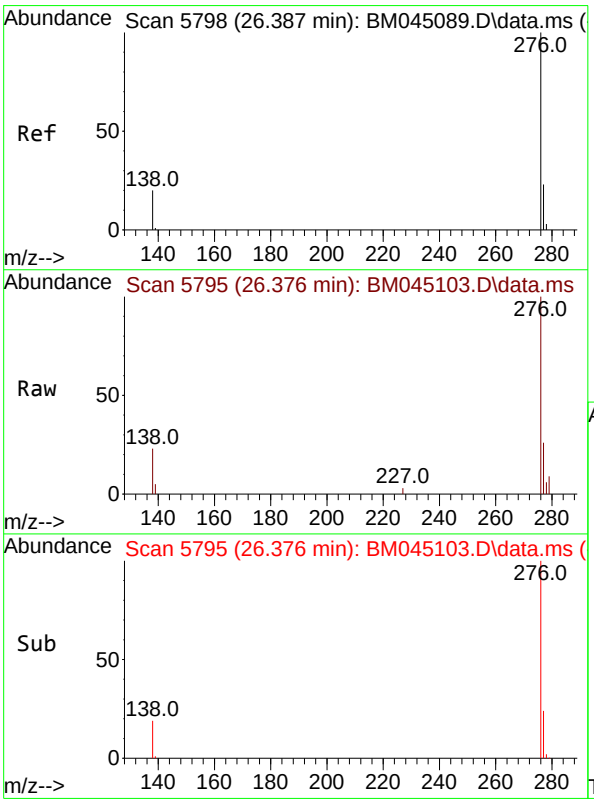
#28
Dibenzo(a,h)anthracene
Concen: 0.415 ng/ul
RT: 25.716 min Scan# 5
Delta R.T. -0.034 min
Lab File: BM045103.D
Acq: 10 Apr 2024 17:23

Instrument :
BNA_M
ClientSampleId :
YCSS0MS

Tgt Ion:278 Resp: 8535

Ion	Ratio	Lower	Upper
278	100		
139	18.7	13.6	20.4
279	31.4	23.0	34.4





#29
Benzo(g,h,i)perylene
Concen: 0.407 ng/ul
RT: 26.376 min Scan# 5795
Delta R.T. -0.010 min
Lab File: BM045103.D
Acq: 10 Apr 2024 17:23

Tgt Ion:276 Resp: 9110

Ion	Ratio	Lower	Upper
276	100		
138	23.4	16.8	25.2
277	26.3	20.3	30.5