Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046201.D
Acq On : 22 Jun 2024 17:05
Operator : MA/JU
Sample : P2775-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C87

Quant Time: Jun 23 01:07:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.413	152	1998	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.188	136	6257	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.062	164	3507	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.905	188	340586	0.400	ng/ul	# 0.04
17) Chrysene-d12	21.020	240	5486	0.400	ng/ul	-0.02
23) Perylene-d12	23.101	264	9685	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	9679	3.531	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.816	152	2069	0.246	ng/ul	-0.05
18) Fluoranthene-d10	18.844	212	4336	0.264	ng/ul	-0.04
Target Compounds						Qvalue
10) Acenaphthylene	13.780	152	829	0.050	ng/ul#	65
12) Fluorene	15.122	166	361	0.028	ng/ul#	89
19) Fluoranthene	18.872	202	13798	0.581	ng/ul	100
20) Pyrene	19.234	202	12740	0.496	ng/ul#	95
21) Benzo(a)anthracene	21.005	228	5931	0.280	ng/ul	93
22) Chrysene	21.055	228	5517	0.204	ng/ul	96
24) Benzo(b)fluoranthene	22.487	252	11015	0.316	ng/ul	85
25) Benzo(k)fluoranthene	22.487	252	11015	0.266	ng/ul#	87
26) Benzo(a)pyrene	23.010	252	5594	0.173	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.168	276	4266	0.081	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.168	278	956	0.024	ng/ul#	1
29) Benzo(g,h,i)perylene	25.789	276	4228	0.093	ng/ul#	83

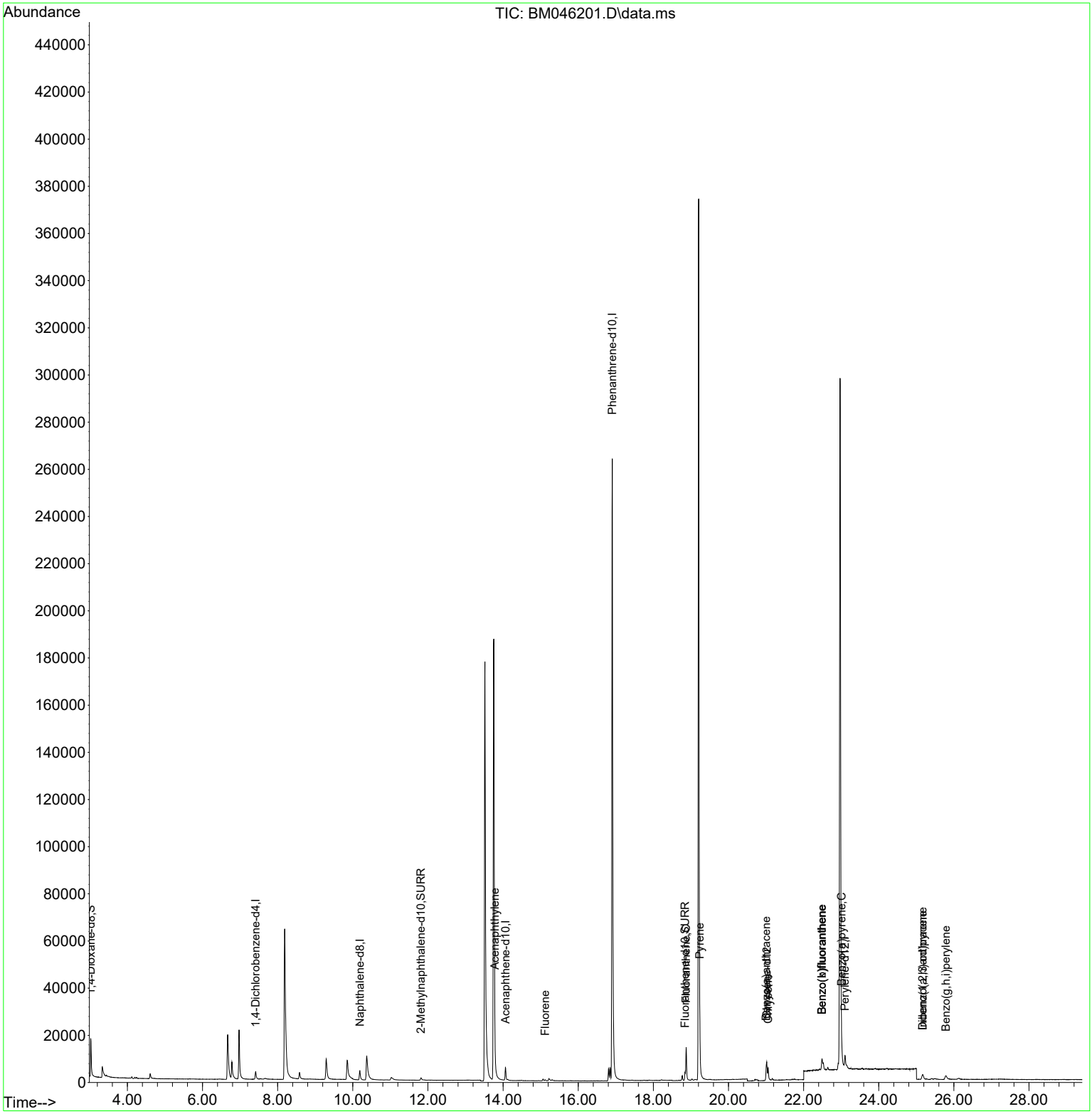
(#) = qualifier out of range (m) = manual integration (+) = signals summed

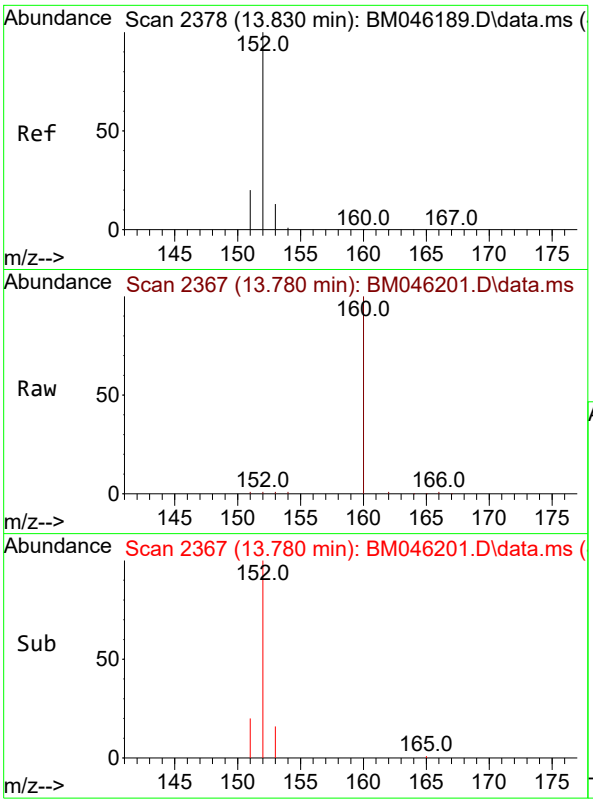
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046201.D
Acq On : 22 Jun 2024 17:05
Operator : MA/JU
Sample : P2775-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C87

Quant Time: Jun 23 01:07:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration



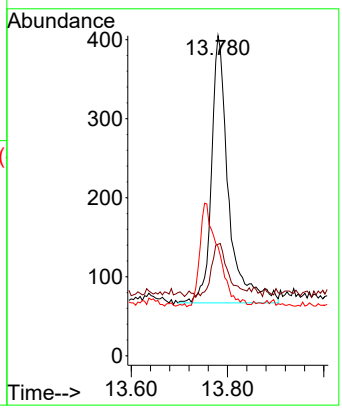


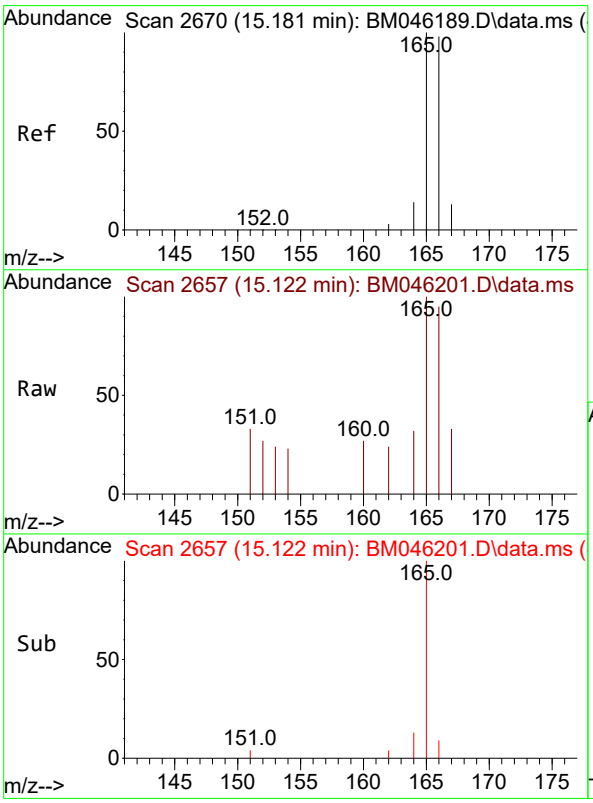
#10
Acenaphthylene
Concen: 0.050 ng/ul
RT: 13.780 min Scan# 2
Delta R.T. -0.054 min
Lab File: BM046201.D
Acq: 22 Jun 2024 17:05

Instrument :
BNA_M
ClientSampleId :
A4C87

Tgt Ion:152 Resp: 829

Ion	Ratio	Lower	Upper
152	100		
151	34.8	17.4	26.2#
153	34.1	11.8	17.8#

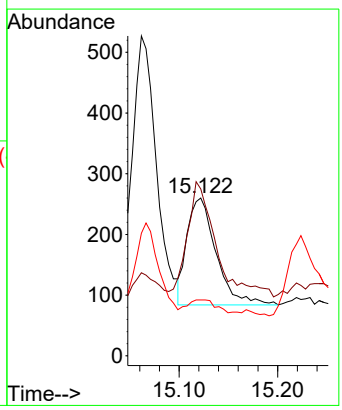


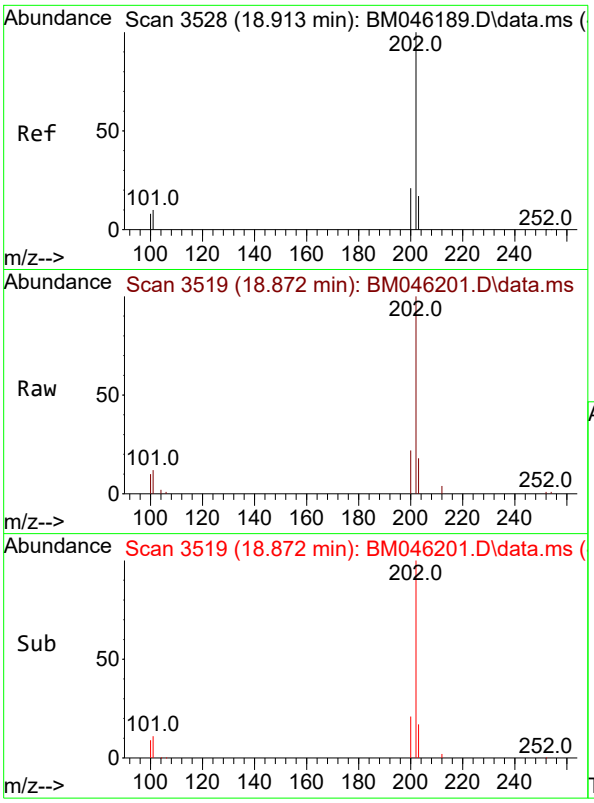


#12
Fluorene
Concen: 0.028 ng/ul
RT: 15.122 min Scan# 2657
Delta R.T. -0.059 min
Lab File: BM046201.D
Acq: 22 Jun 2024 17:05

Tgt Ion:166 Resp: 361

Ion	Ratio	Lower	Upper
166	100		
165	105.8	80.4	120.6
167	35.4	12.4	18.6#



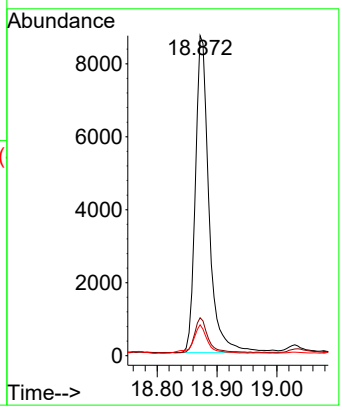


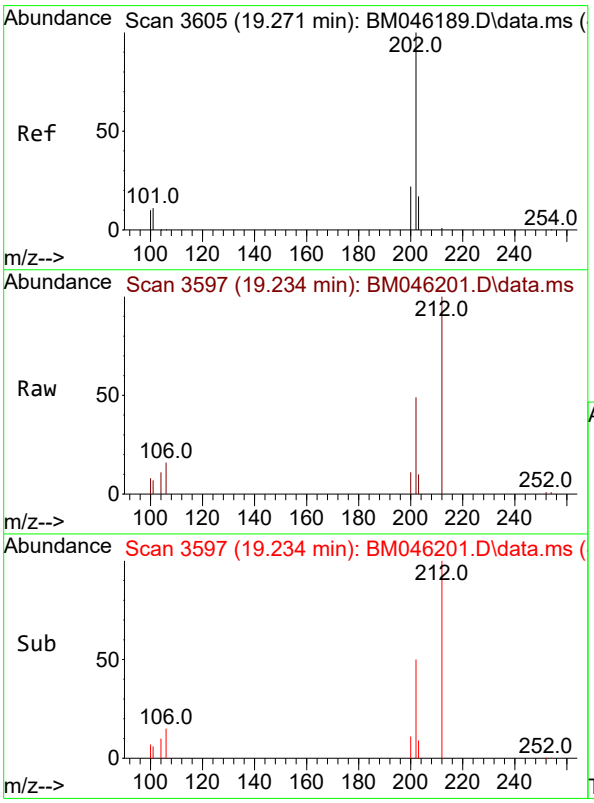
#19
Fluoranthene
Concen: 0.581 ng/ul
RT: 18.872 min Scan# 3
Delta R.T. -0.045 min
Lab File: BM046201.D
Acq: 22 Jun 2024 17:05

Instrument :
BNA_M
ClientSampleId :
A4C87

Tgt Ion:202 Resp: 13798

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.6	14.4
100	9.7	7.6	11.4

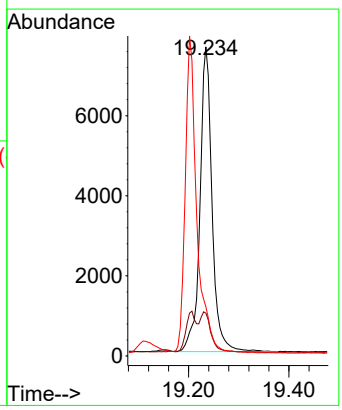


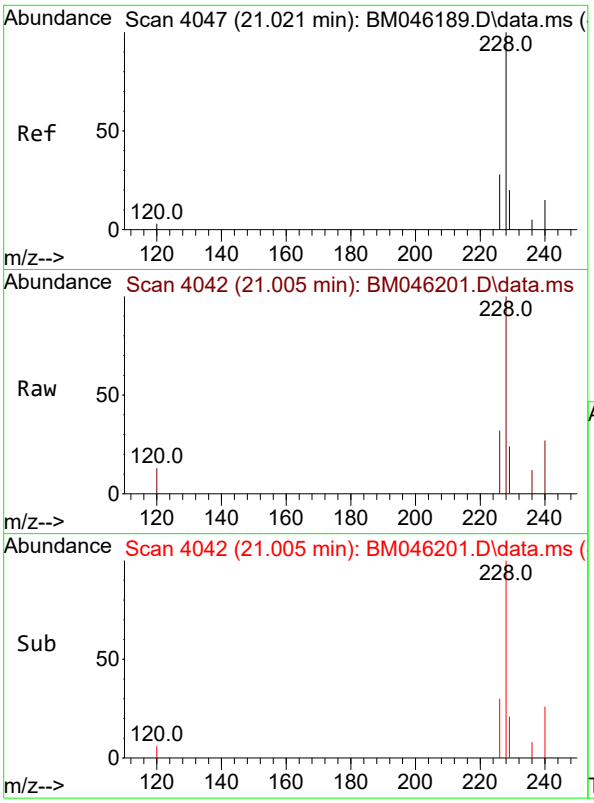


#20
Pyrene
Concen: 0.496 ng/ul
RT: 19.234 min Scan# 3597
Delta R.T. -0.041 min
Lab File: BM046201.D
Acq: 22 Jun 2024 17:05

Tgt Ion:202 Resp: 12740

Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.3	16.9
100	15.9	9.8	14.6#



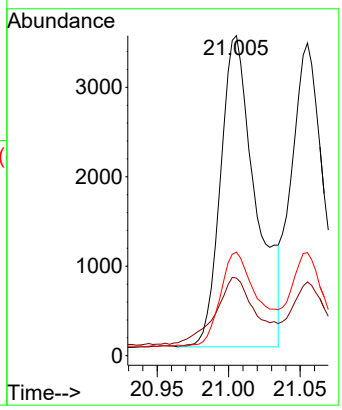


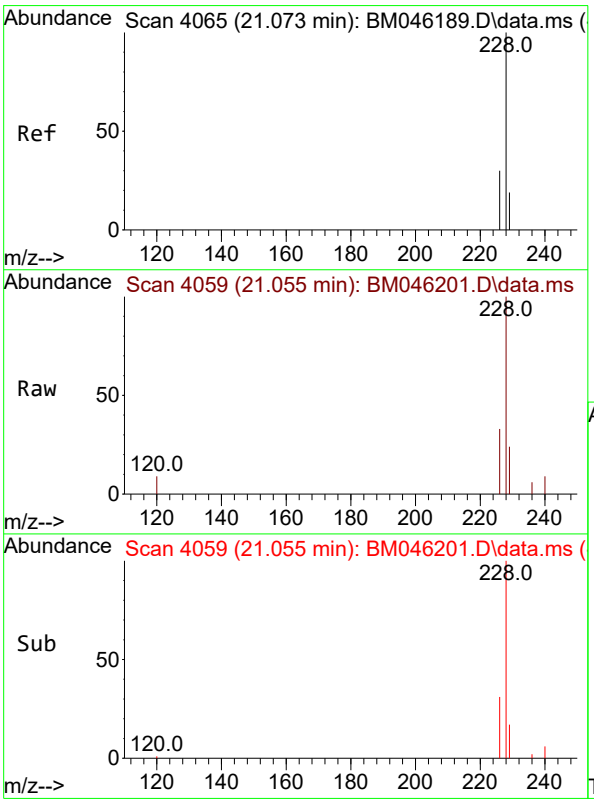
#21
Benzo(a)anthracene
Concen: 0.280 ng/ul
RT: 21.005 min Scan# 4
Delta R.T. -0.024 min
Lab File: BM046201.D
Acq: 22 Jun 2024 17:05

Instrument :
BNA_M
ClientSampleId :
A4C87

Tgt Ion:228 Resp: 5931

Ion	Ratio	Lower	Upper
228	100		
229	24.2	16.4	24.6
226	32.4	23.4	35.2

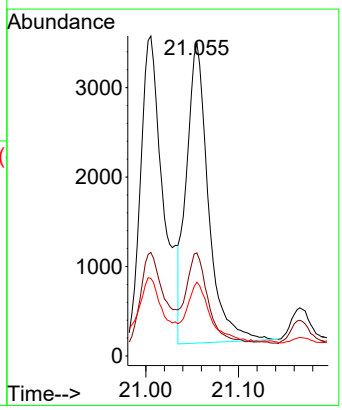


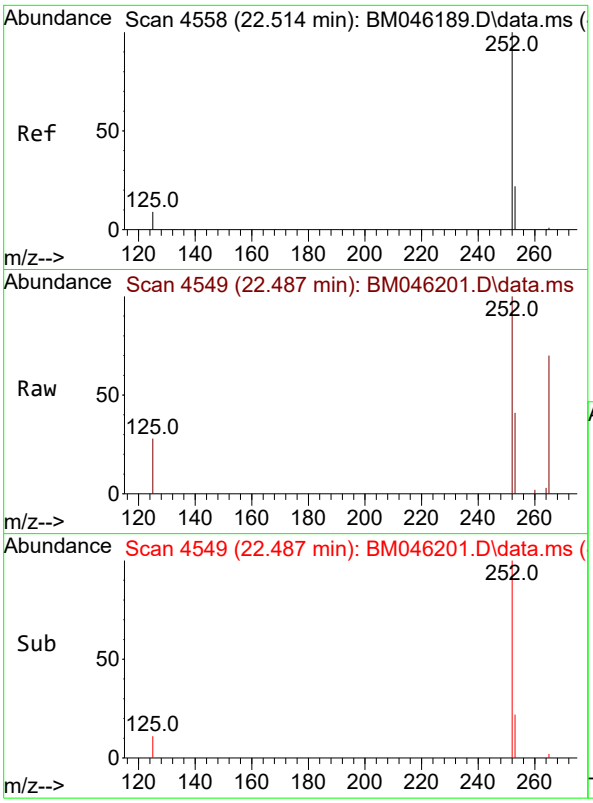


#22
Chrysene
Concen: 0.204 ng/ul
RT: 21.055 min Scan# 4059
Delta R.T. -0.021 min
Lab File: BM046201.D
Acq: 22 Jun 2024 17:05

Tgt Ion:228 Resp: 5517

Ion	Ratio	Lower	Upper
228	100		
226	33.0	25.2	37.8
229	23.6	16.3	24.5



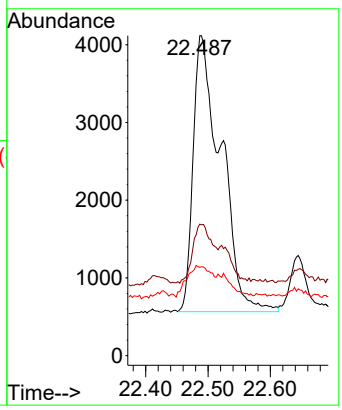


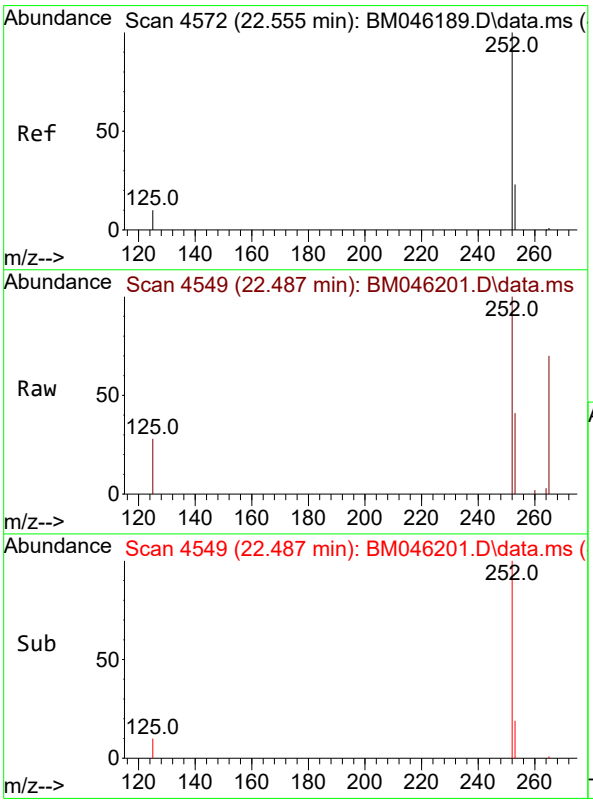
#24
Benzo(b)fluoranthene
Concen: 0.316 ng/ul
RT: 22.487 min Scan# 4
Delta R.T. -0.033 min
Lab File: BM046201.D
Acq: 22 Jun 2024 17:05

Instrument :
BNA_M
ClientSampleId :
A4C87

Tgt Ion:252 Resp: 11015

Ion	Ratio	Lower	Upper
252	100		
253	41.1	0.0	65.8
125	27.6	0.0	40.2

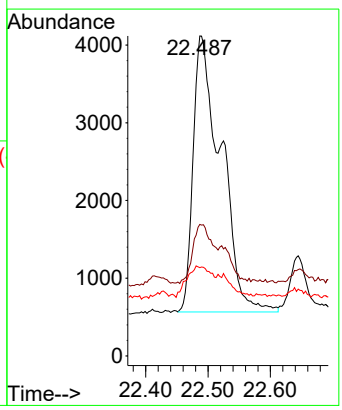


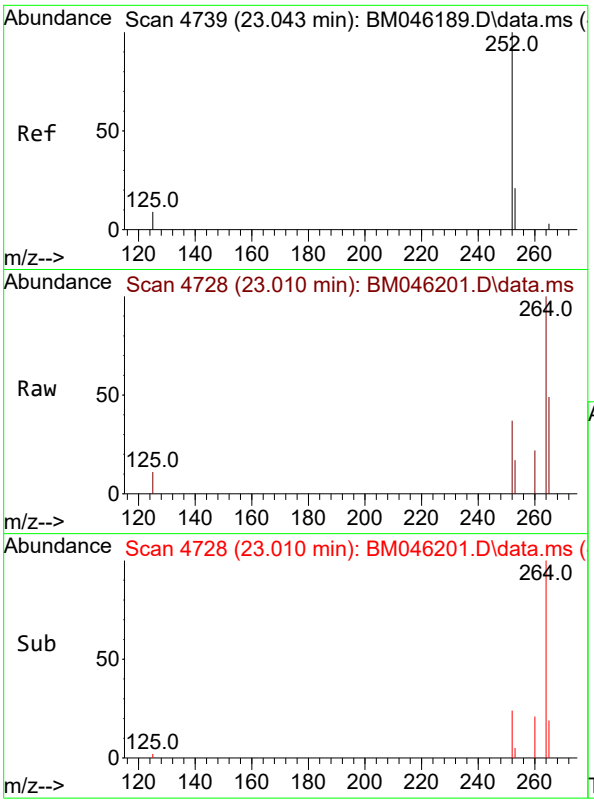


#25
Benzo(k)fluoranthene
Concen: 0.266 ng/ul
RT: 22.487 min Scan# 4549
Delta R.T. -0.077 min
Lab File: BM046201.D
Acq: 22 Jun 2024 17:05

Tgt Ion:252 Resp: 11015

Ion	Ratio	Lower	Upper
252	100		
253	41.1	27.2	40.8#
125	27.6	16.6	25.0#



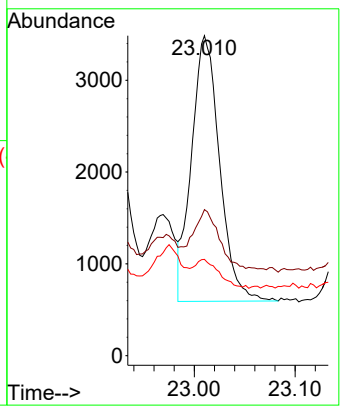


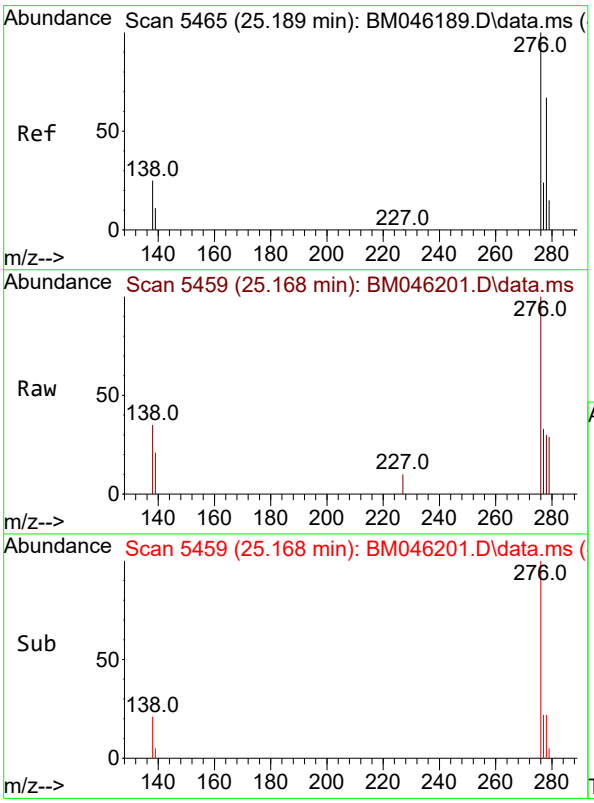
#26
Benzo(a)pyrene
Concen: 0.173 ng/ul
RT: 23.010 min Scan# 4
Delta R.T. -0.044 min
Lab File: BM046201.D
Acq: 22 Jun 2024 17:05

Instrument :
BNA_M
ClientSampleId :
A4C87

Tgt Ion:252 Resp: 5594

Ion	Ratio	Lower	Upper
252	100		
253	45.7	32.1	48.1
125	30.1	21.2	31.8

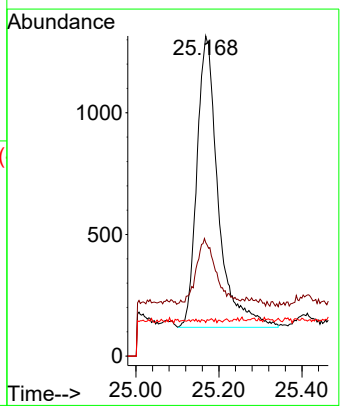


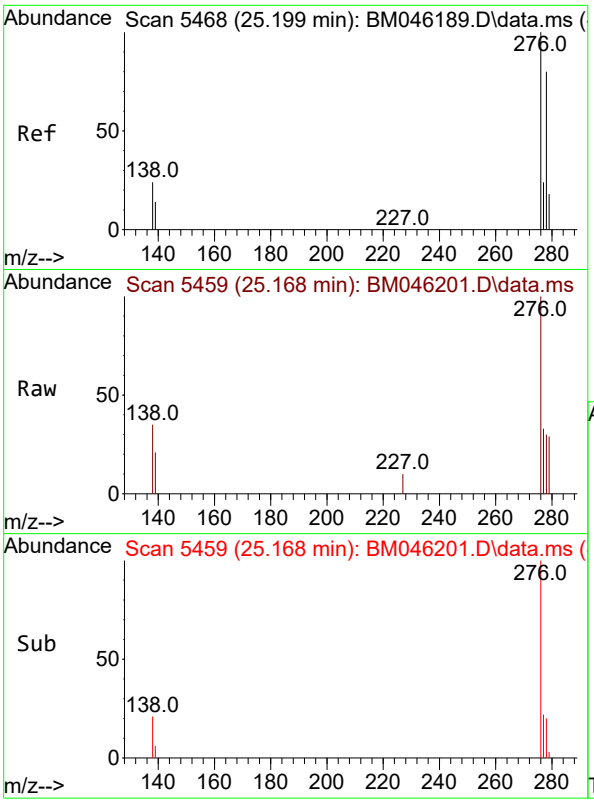


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.081 ng/ul
RT: 25.168 min Scan# 5459
Delta R.T. -0.034 min
Lab File: BM046201.D
Acq: 22 Jun 2024 17:05

Tgt Ion:276 Resp: 4266

Ion	Ratio	Lower	Upper
276	100		
138	19.9	21.0	31.4#
227	0.1	0.0	0.0#



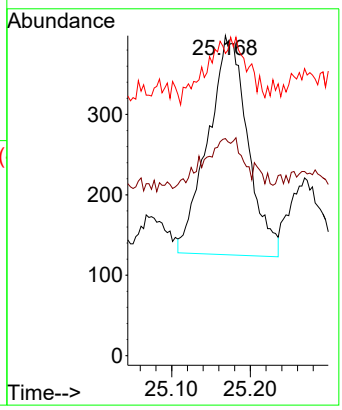


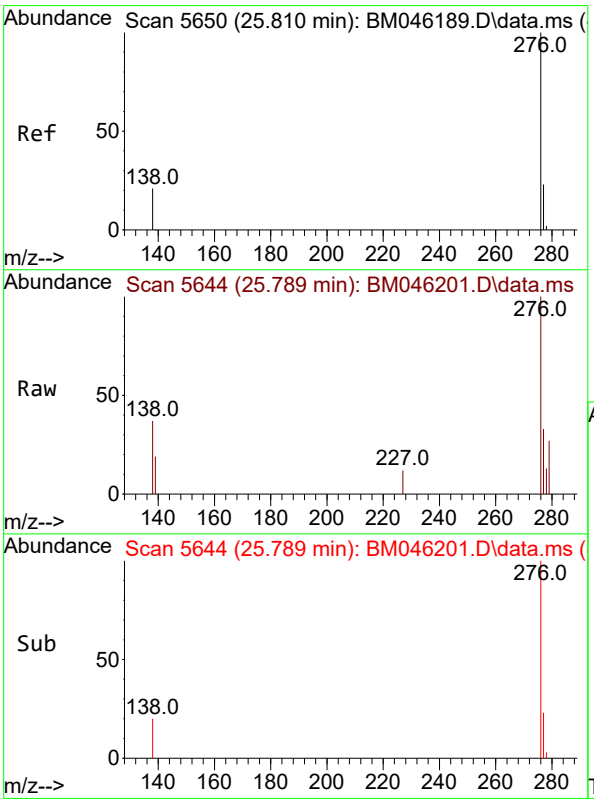
#28
Dibenzo(a,h)anthracene
Concen: 0.024 ng/ul
RT: 25.168 min Scan# 5
Delta R.T. -0.048 min
Lab File: BM046201.D
Acq: 22 Jun 2024 17:05

Instrument :
BNA_M
ClientSampleId :
A4C87

Tgt Ion:278 Resp: 956

Ion	Ratio	Lower	Upper
278	100		
139	67.8	17.6	26.4#
279	94.5	26.3	39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.093 ng/ul
RT: 25.789 min Scan# 5644
Delta R.T. -0.041 min
Lab File: BM046201.D
Acq: 22 Jun 2024 17:05

Tgt Ion:276 Resp: 4228

Ion	Ratio	Lower	Upper
276	100		
138	36.9	21.7	32.5#
277	33.2	20.4	30.6#