Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045891.D
Acq On : 07 Jun 2024 21:43
Operator : MA/JU
Sample : P2586-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C31

Quant Time: Jun 07 23:02:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	6732	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.238	136	22787	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.114	164	11609	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.951	188	834296	0.400	ng/ul	0.09
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.05
23) Perylene-d12	23.156	264	20790	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	21827	2.847	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.833	152	6176	0.188	ng/ul	-0.02
18) Fluoranthene-d10	18.886	212	10583	0.000	ng/ul	0.00
Target Compounds						Qvalue
8) 1-Methylnaphthalene	12.130	142	906	0.022	ng/ul	99
10) Acenaphthylene	13.831	152	2215	0.042	ng/ul#	85
11) Acenaphthene	14.178	153	3675	0.095	ng/ul	98
12) Fluorene	15.164	166	4483	0.103	ng/ul#	98
24) Benzo(b)fluoranthene	22.534	252	81195	1.177	ng/ul	91
25) Benzo(k)fluoranthene	22.534	252	81195	1.071	ng/ul#	92
26) Benzo(a)pyrene	23.063	252	39475	0.576	ng/ul	90
27) Indeno(1,2,3-cd)pyrene	25.222	276	28173	0.318	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.225	278	6796	0.096	ng/ul#	42
29) Benzo(g,h,i)perylene	25.853	276	28499	0.373	ng/ul	99

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

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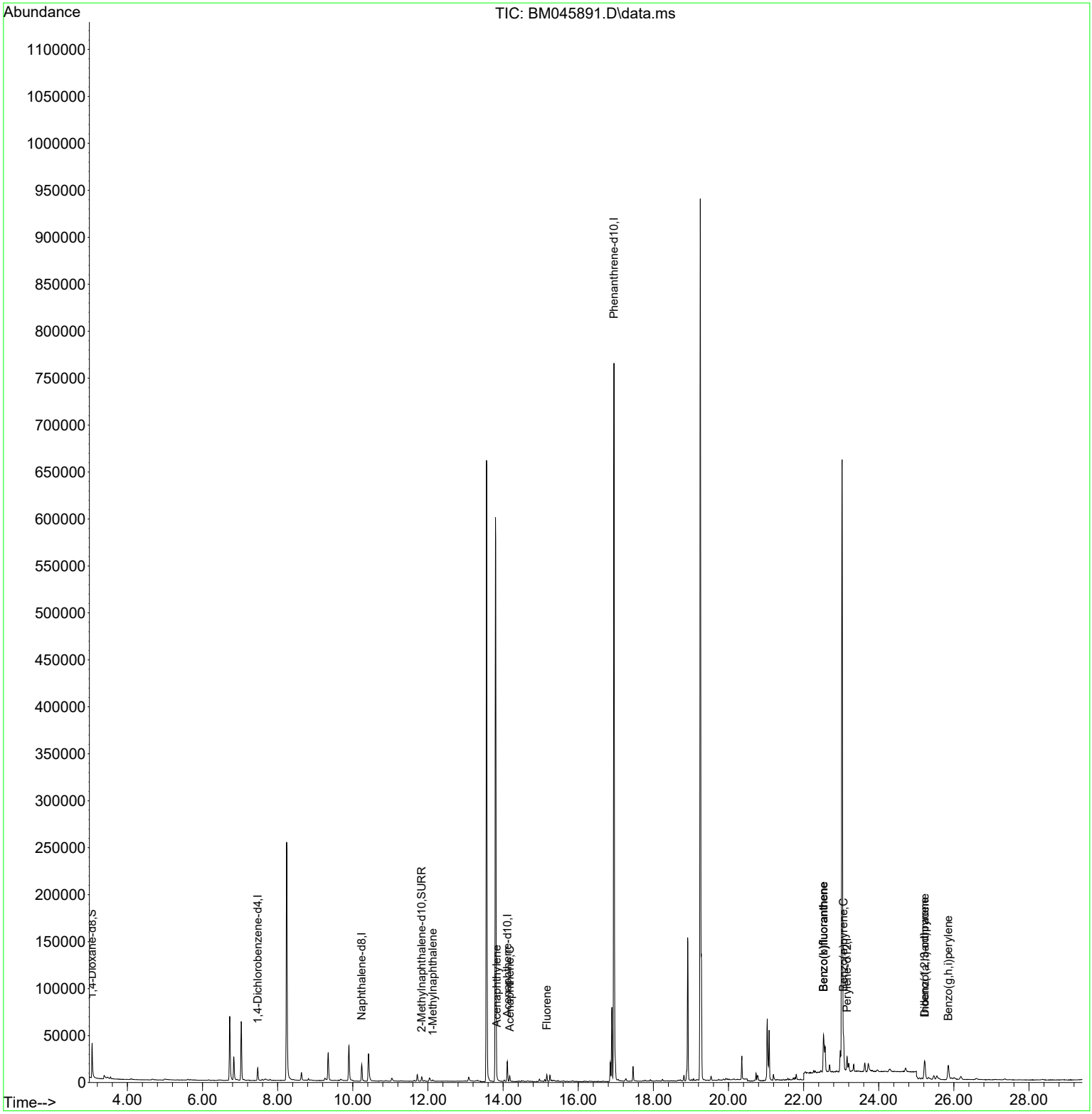
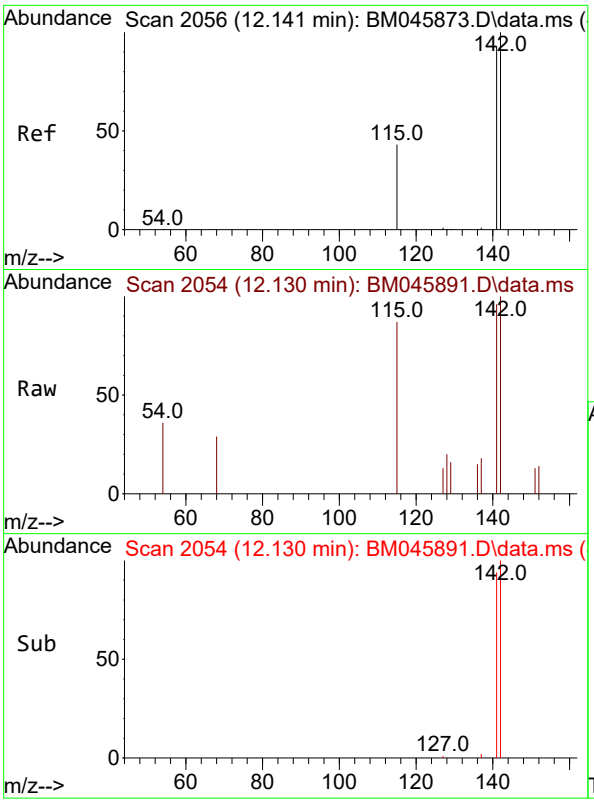


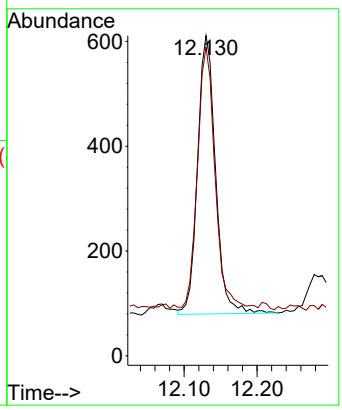


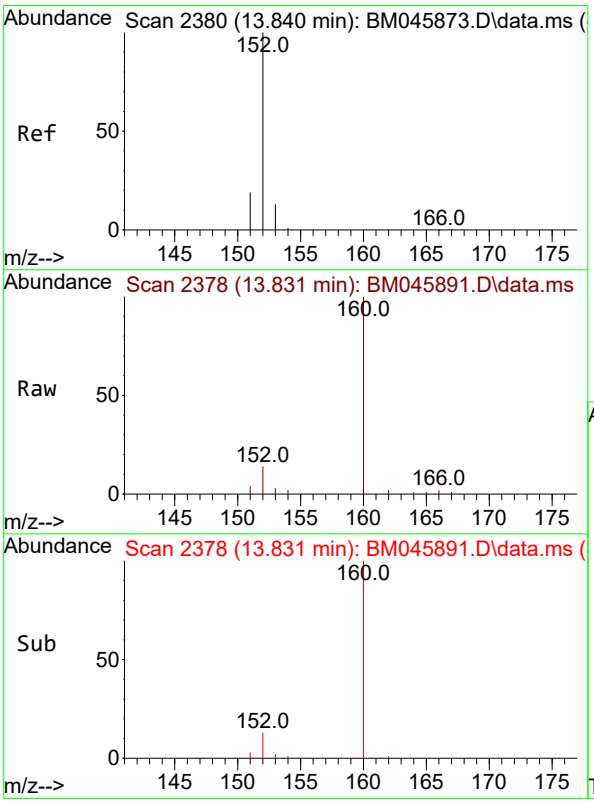
#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.130 min Scan# 2
Delta R.T. -0.015 min
Lab File: BM045891.D
Acq: 07 Jun 2024 21:43

Instrument :
BNA_M
ClientSampleId :
A4C31

Tgt Ion:142 Resp: 906

Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.5	110.3

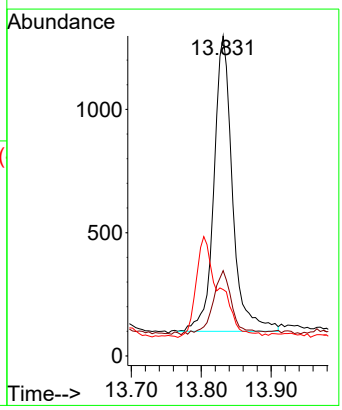


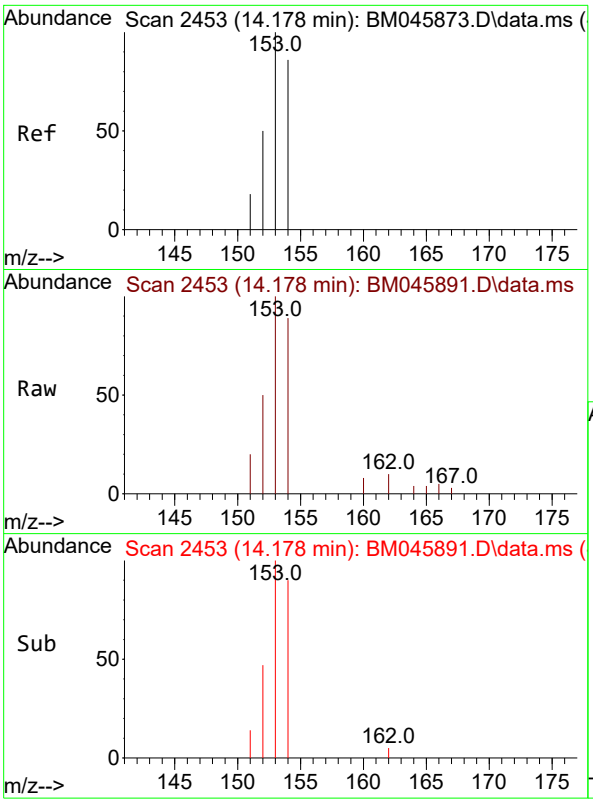


#10
Acenaphthylene
Concen: 0.042 ng/ul
RT: 13.831 min Scan# 2378
Delta R.T. -0.008 min
Lab File: BM045891.D
Acq: 07 Jun 2024 21:43

Tgt Ion:152 Resp: 2215

Ion	Ratio	Lower	Upper
152	100		
151	26.7	16.4	24.6#
153	20.7	11.1	16.7#



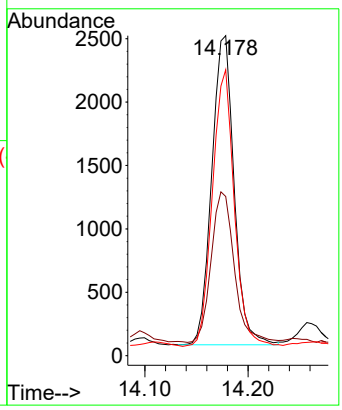


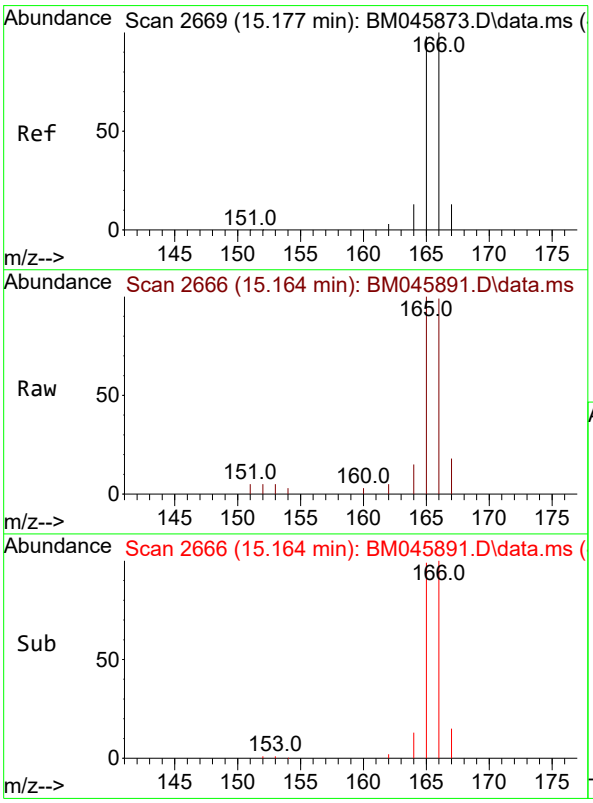
#11
Acenaphthene
Concen: 0.095 ng/ul
RT: 14.178 min Scan# 24
Delta R.T. -0.003 min
Lab File: BM045891.D
Acq: 07 Jun 2024 21:43

Instrument :
BNA_M
ClientSampleId :
A4C31

Tgt Ion:153 Resp: 3675

Ion	Ratio	Lower	Upper
153	100		
152	49.8	39.0	58.4
154	89.3	69.4	104.2

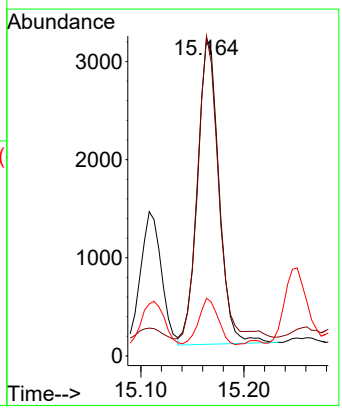


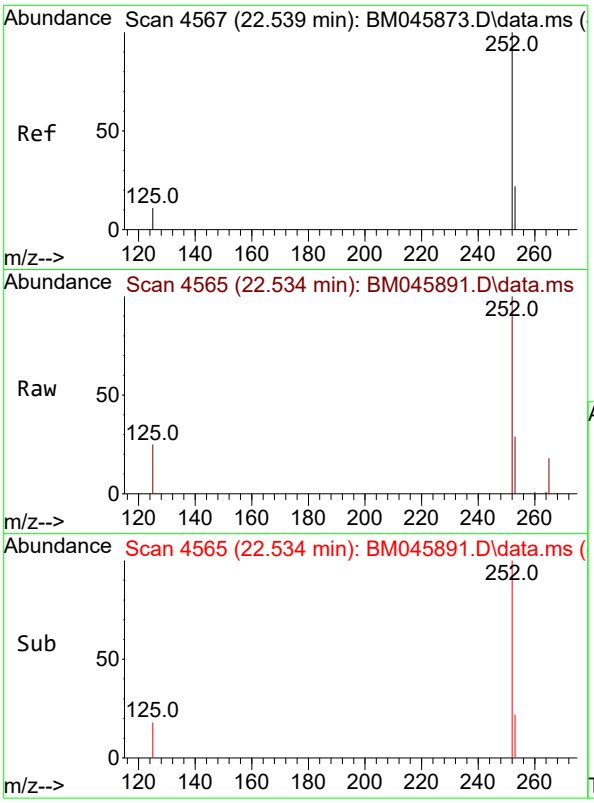


#12
Fluorene
Concen: 0.103 ng/ul
RT: 15.164 min Scan# 2666
Delta R.T. -0.013 min
Lab File: BM045891.D
Acq: 07 Jun 2024 21:43

Tgt Ion:166 Resp: 4483

Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.7	119.5
167	18.2	11.3	16.9#



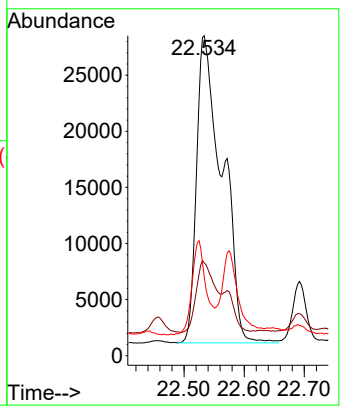


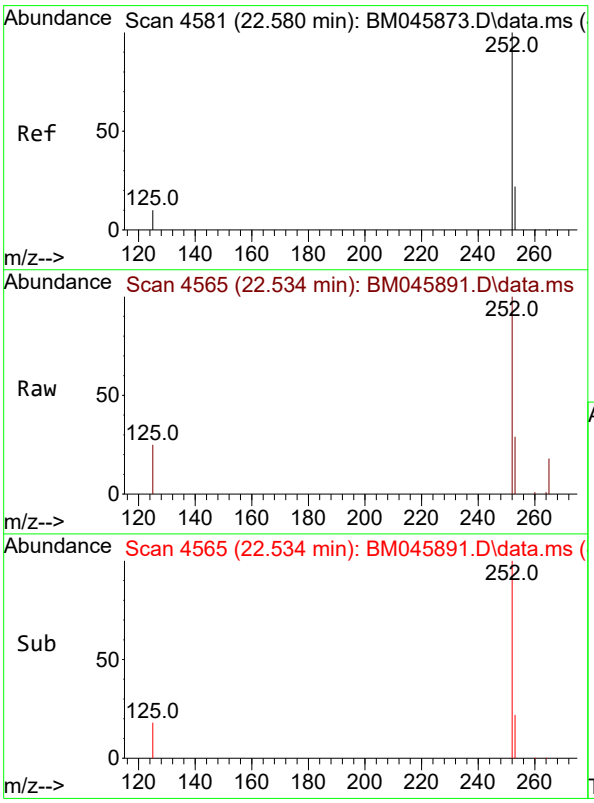
#24
Benzo(b)fluoranthene
Concen: 1.177 ng/ul
RT: 22.534 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM045891.D
Acq: 07 Jun 2024 21:43

Instrument :
BNA_M
ClientSampleId :
A4C31

Tgt Ion:252 Resp: 81195

Ion	Ratio	Lower	Upper
252	100		
253	29.0	0.0	63.6
125	24.7	0.0	35.8

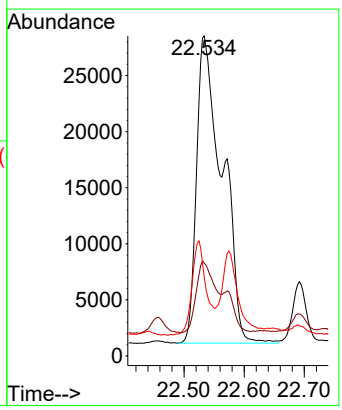


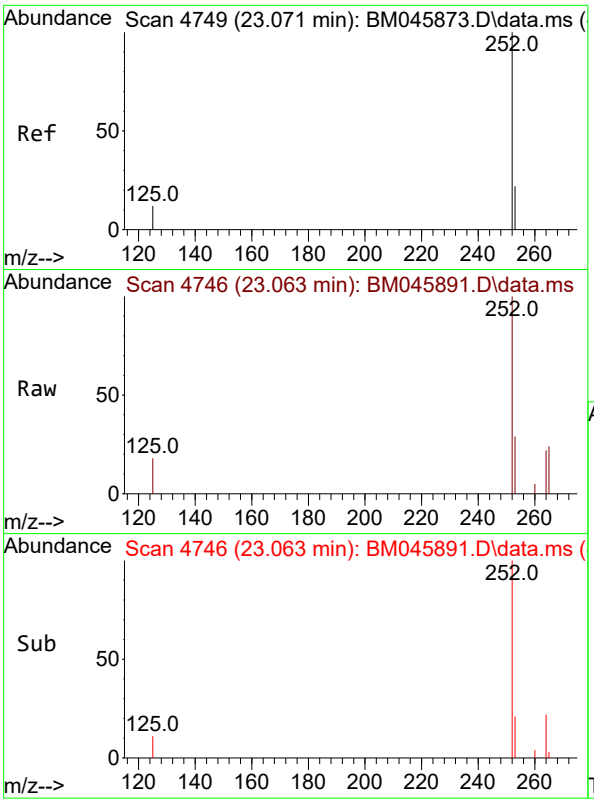


#25
Benzo(k)fluoranthene
Concen: 1.071 ng/ul
RT: 22.534 min Scan# 4565
Delta R.T. -0.047 min
Lab File: BM045891.D
Acq: 07 Jun 2024 21:43

Tgt Ion:252 Resp: 81195

Ion	Ratio	Lower	Upper
252	100		
253	29.0	25.0	37.6
125	24.7	14.2	21.2#



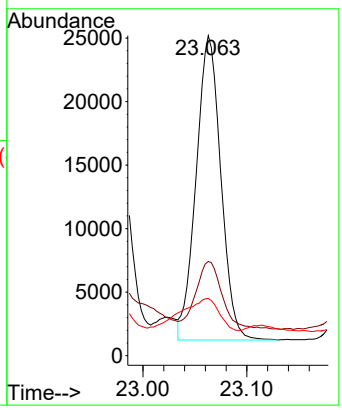


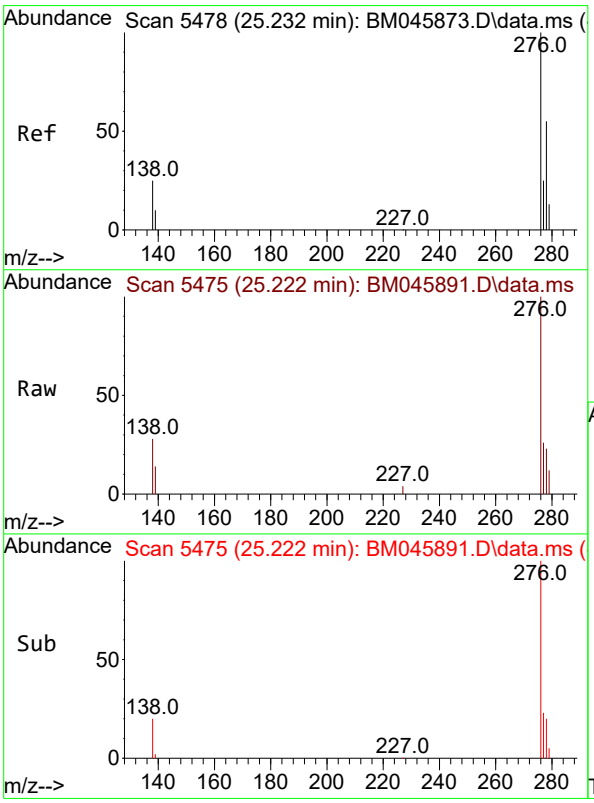
#26
Benzo(a)pyrene
Concen: 0.576 ng/ul
RT: 23.063 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM045891.D
Acq: 07 Jun 2024 21:43

Instrument :
BNA_M
ClientSampleId :
A4C31

Tgt Ion:252 Resp: 39475

Ion	Ratio	Lower	Upper
252	100		
253	29.5	28.8	43.2
125	17.9	17.3	25.9

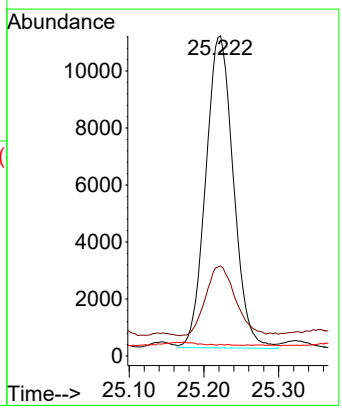


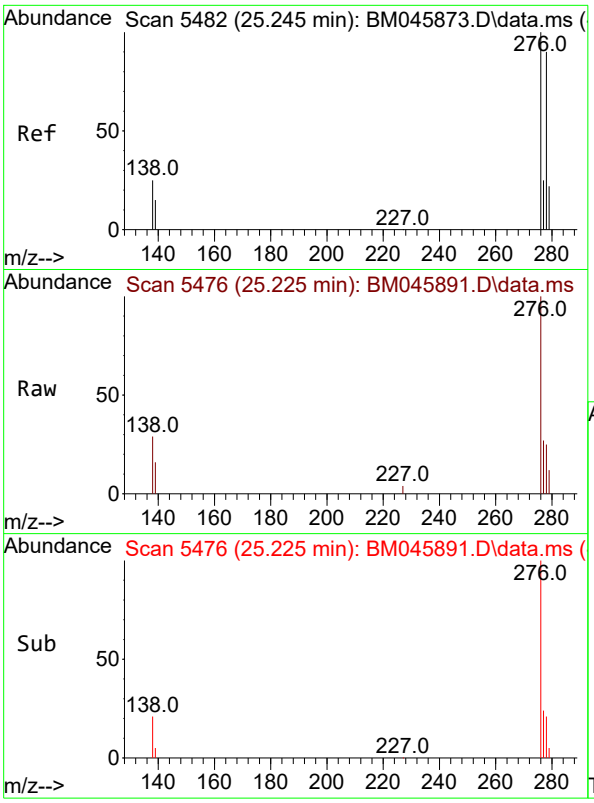


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.318 ng/ul
RT: 25.222 min Scan# 5475
Delta R.T. -0.010 min
Lab File: BM045891.D
Acq: 07 Jun 2024 21:43

Tgt Ion:276 Resp: 28173

Ion	Ratio	Lower	Upper
276	100		
138	24.5	20.7	31.1
227	0.1	0.2	0.2#



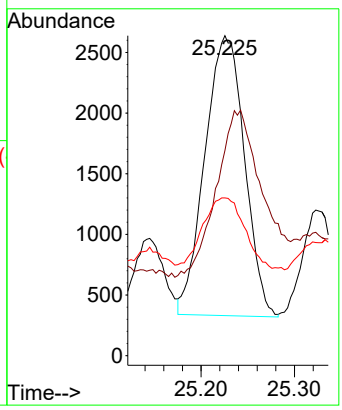


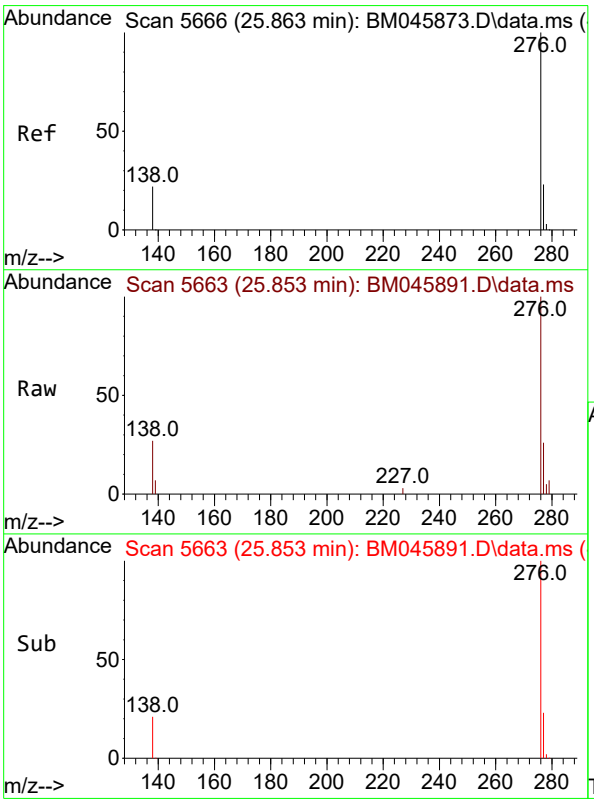
#28
Dibenzo(a,h)anthracene
Concen: 0.096 ng/ul
RT: 25.225 min Scan# 54
Delta R.T. -0.023 min
Lab File: BM045891.D
Acq: 07 Jun 2024 21:43

Instrument :
BNA_M
ClientSampleId :
A4C31

Tgt Ion:278 Resp: 6796

Ion	Ratio	Lower	Upper
278	100		
139	64.1	16.6	25.0#
279	49.3	24.6	37.0#





#29
Benzo(g,h,i)perylene
Concen: 0.373 ng/ul
RT: 25.853 min Scan# 5663
Delta R.T. -0.010 min
Lab File: BM045891.D
Acq: 07 Jun 2024 21:43

Tgt Ion:276 Resp: 28499

Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.0	31.4
277	25.6	20.5	30.7