Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042622\
Data File : BM034836.D
Acq On : 26 Apr 2022 14:52
Operator : CG/JU
Sample : N2475-11MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A0BM8MS

Quant Time: Apr 26 17:24:42 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	5697	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.743	136	14667	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.571	164	7745	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	16124	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.488	240	12771	0.400	ng/ul	# 0.00
23) Perylene-d12	23.885	264	13168	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	1008	0.160	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	6561	0.318	ng/ul	0.00
18) Fluoranthene-d10	19.335	212	15571	0.387	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.420	88	2853	0.476	ng/ul#	78
5) Naphthalene	10.793	128	14007	0.334	ng/ul#	88
7) 2-Methylnaphthalene	12.404	142	8837	0.317	ng/ul	99
8) 1-Methylnaphthalene	12.618	142	8661	0.316	ng/ul	99
10) Acenaphthylene	14.288	152	13345	0.394	ng/ul#	91
11) Acenaphthene	14.631	153	9645	0.337	ng/ul	97
12) Fluorene	15.616	166	11568	0.359	ng/ul#	98
14) Pentachlorophenol	16.963	266	4131	0.864	ng/ul	98
15) Phenanthrene	17.351	178	20566	0.386	ng/ul	95
16) Anthracene	17.444	178	19152	0.403	ng/ul	97
19) Fluoranthene	19.363	202	23699	0.387	ng/ul	99
20) Pyrene	19.726	202	24243	0.394	ng/ul	98
21) Benzo(a)anthracene	21.473	228	20856	0.420	ng/ul	99
22) Chrysene	21.523	228	20892	0.394	ng/ul	99
24) Benzo(b)fluoranthene	23.154	252	21731	0.361	ng/ul	90
25) Benzo(k)fluoranthene	23.201	252	20829	0.347	ng/ul#	89
26) Benzo(a)pyrene	23.776	252	20087	0.409	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.366	276	24313	0.353	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.383	278	19574	0.349	ng/ul#	90
29) Benzo(g,h,i)perylene	27.124	276	20530	0.345	ng/ul	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042622\
Data File : BM034836.D
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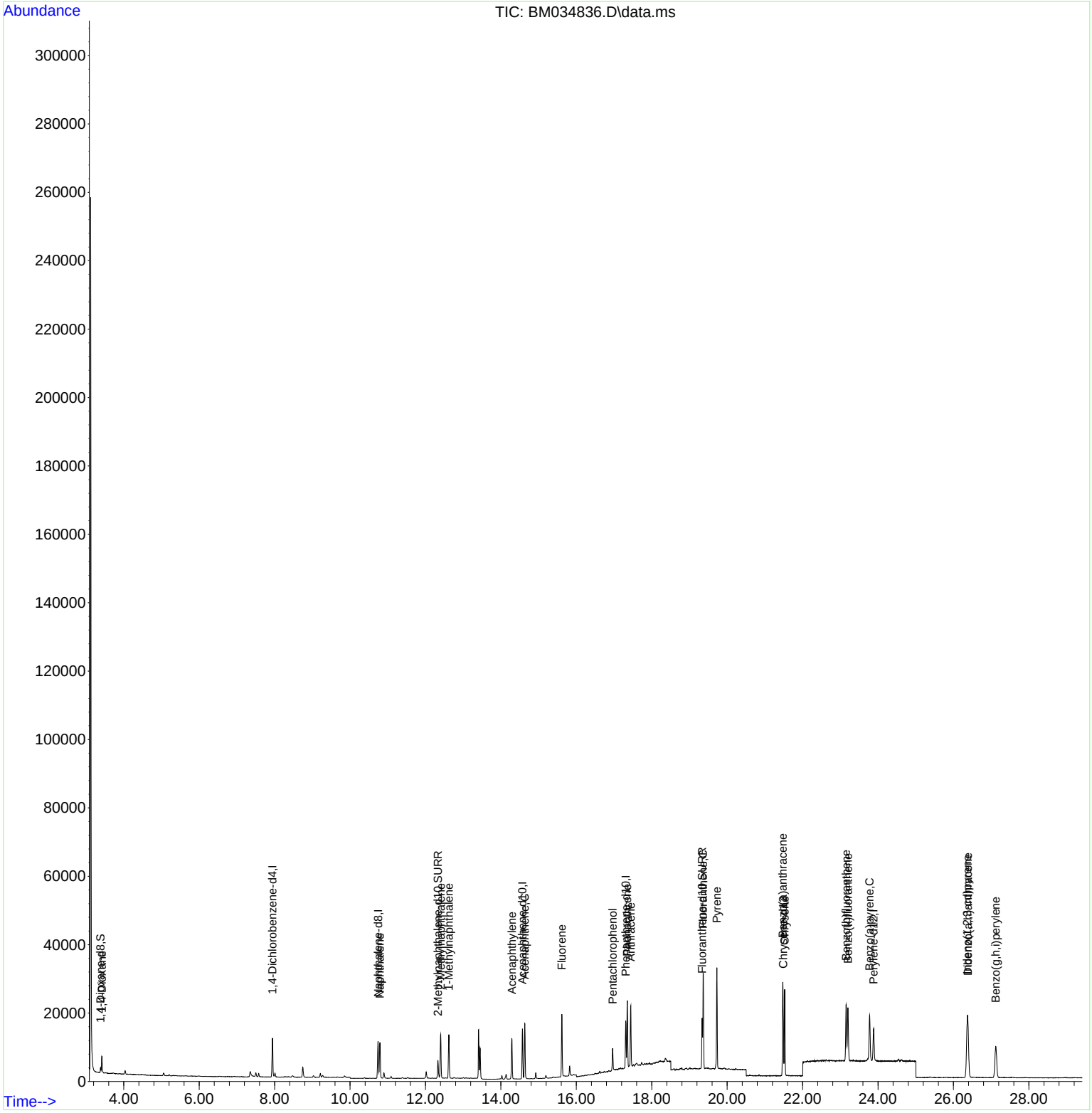
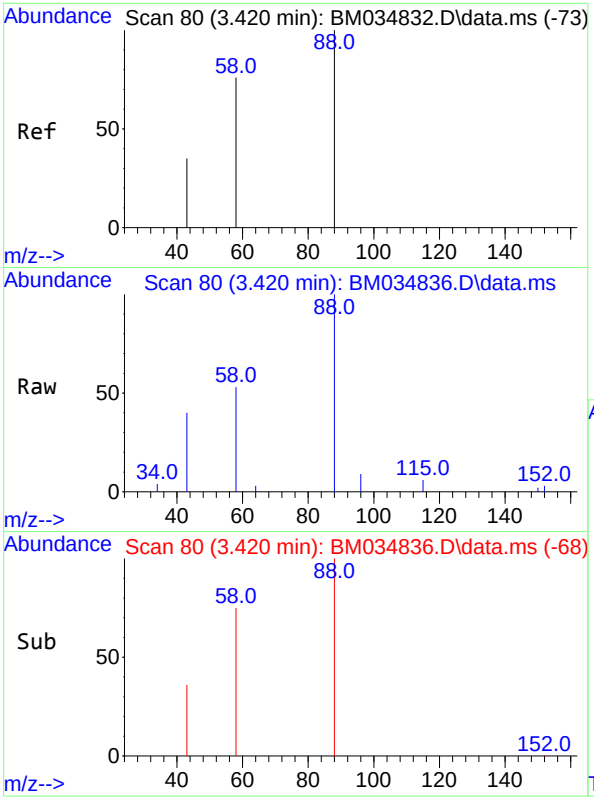
Quant Time: Apr 26 17:24:42 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration



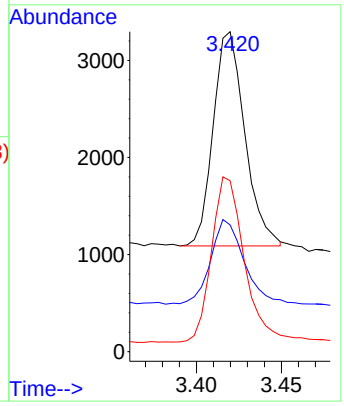


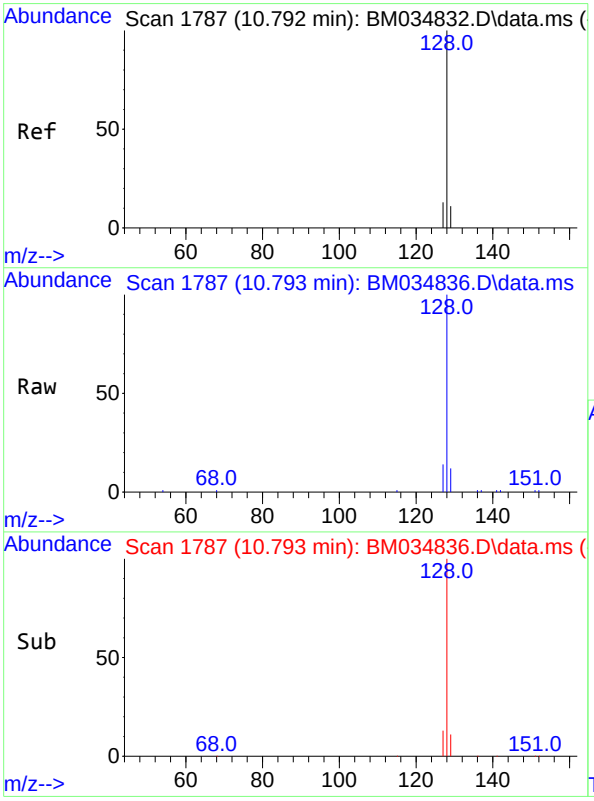
#2
1,4-Dioxane
Concen: 0.476 ng/ul
RT: 3.420 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM034836.D
Acq: 26 Apr 2022 14:52

Instrument :
BNA_M
ClientSampleId :
A0BM8MS

Tgt Ion: 88 Resp: 2853

Ion	Ratio	Lower	Upper
88	100		
43	39.6	49.7	74.5#
58	53.4	52.5	78.7

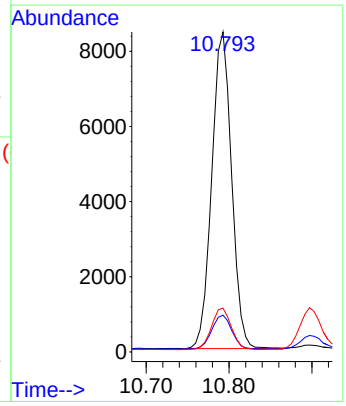


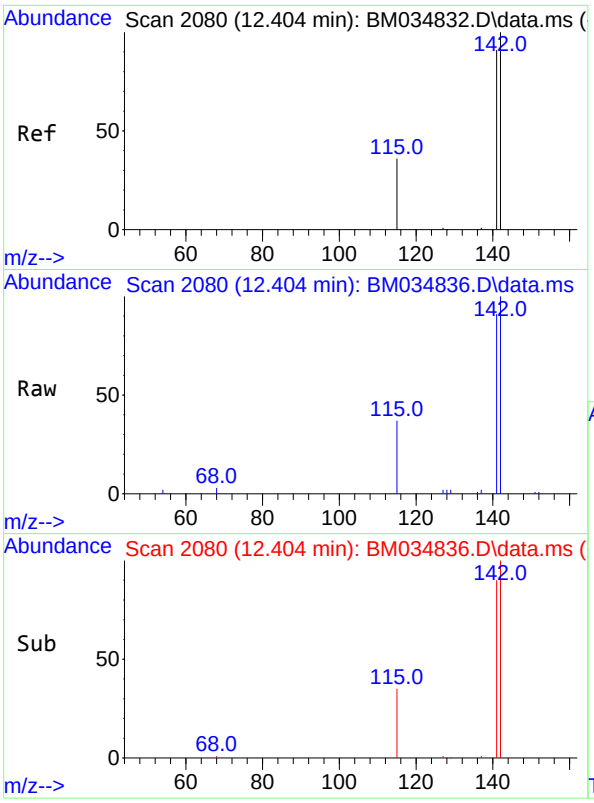


#5
Naphthalene
Concen: 0.334 ng/ul
RT: 10.793 min Scan# 1787
Delta R.T. -0.004 min
Lab File: BM034836.D
Acq: 26 Apr 2022 14:52

Tgt Ion:128 Resp: 14007

Ion	Ratio	Lower	Upper
128	100		
129	11.5	13.4	20.2#
127	13.7	15.2	22.8#



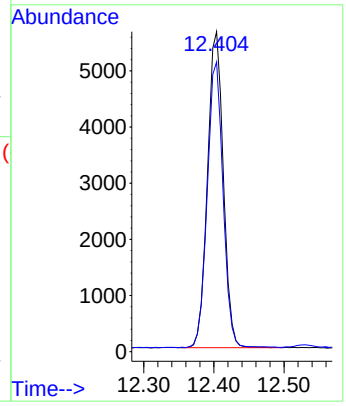


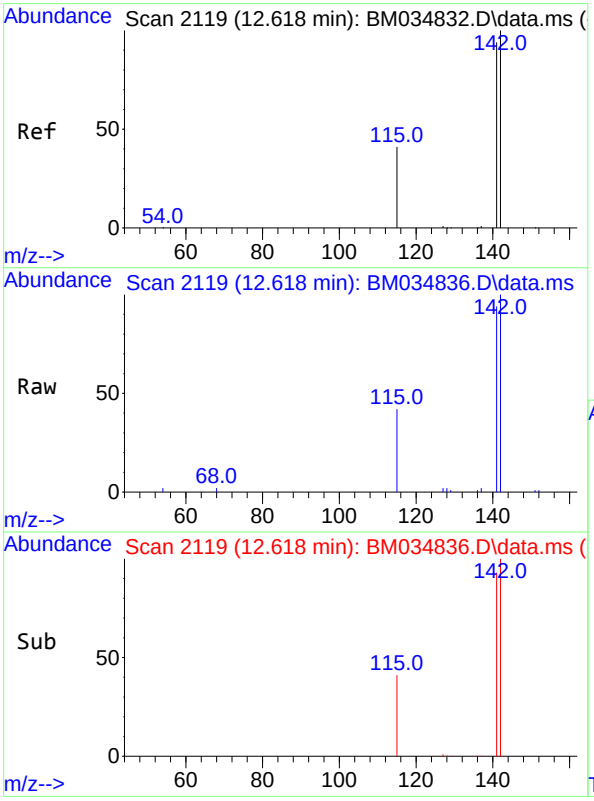
#7
2-Methylnaphthalene
Concen: 0.317 ng/ul
RT: 12.404 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM034836.D
Acq: 26 Apr 2022 14:52

Instrument :
BNA_M
ClientSampleId :
A0BM8MS

Tgt Ion:142 Resp: 8837

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.8	107.6

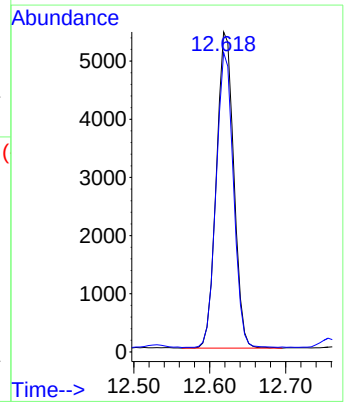


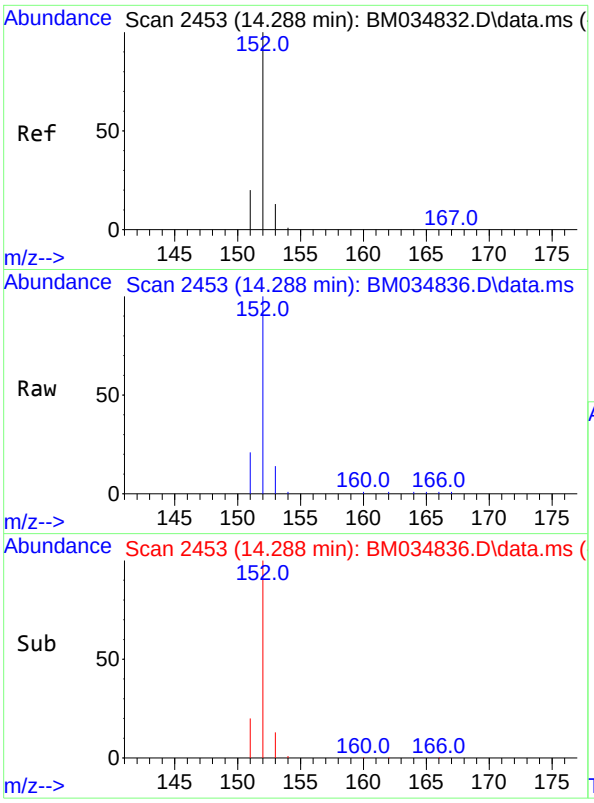


#8
1-Methylnaphthalene
Concen: 0.316 ng/ul
RT: 12.618 min Scan# 2119
Delta R.T. -0.010 min
Lab File: BM034836.D
Acq: 26 Apr 2022 14:52

Tgt Ion:142 Resp: 8661

Ion	Ratio	Lower	Upper
142	100		
141	92.4	75.0	112.4



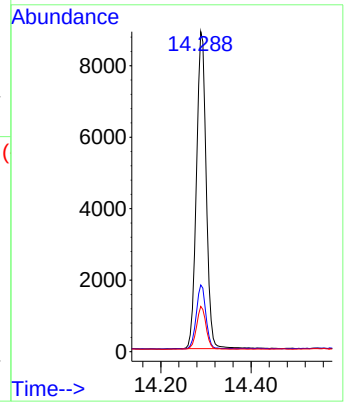


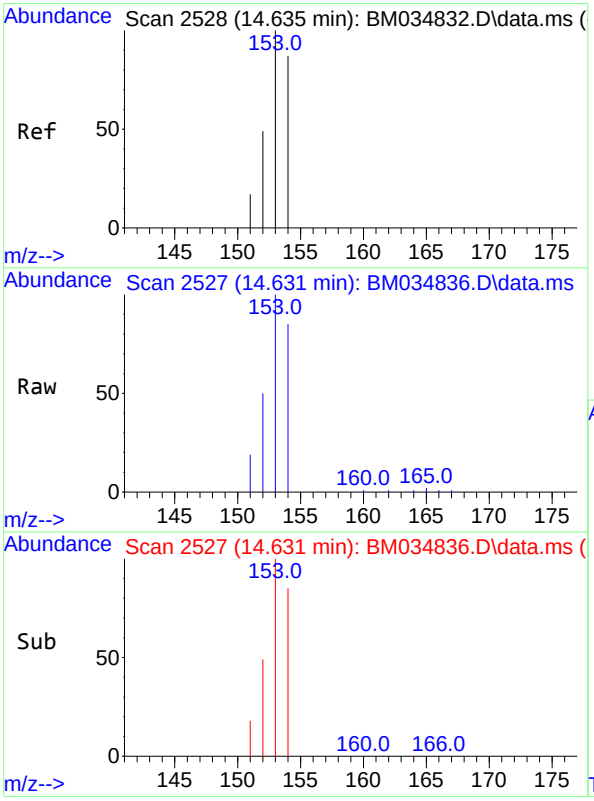
#10
Acenaphthylene
Concen: 0.394 ng/ul
RT: 14.288 min Scan# 24
Delta R.T. -0.008 min
Lab File: BM034836.D
Acq: 26 Apr 2022 14:52

Instrument :
BNA_M
ClientSampleId :
A0BM8MS

Tgt Ion:152 Resp: 13345

Ion	Ratio	Lower	Upper
152	100		
151	20.8	19.9	29.9
153	14.1	15.0	22.4#

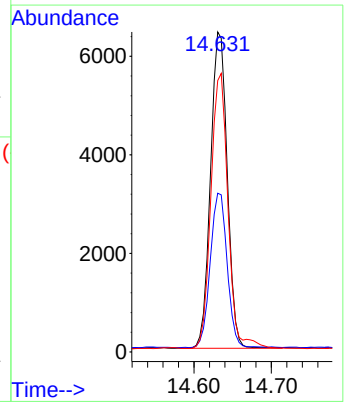


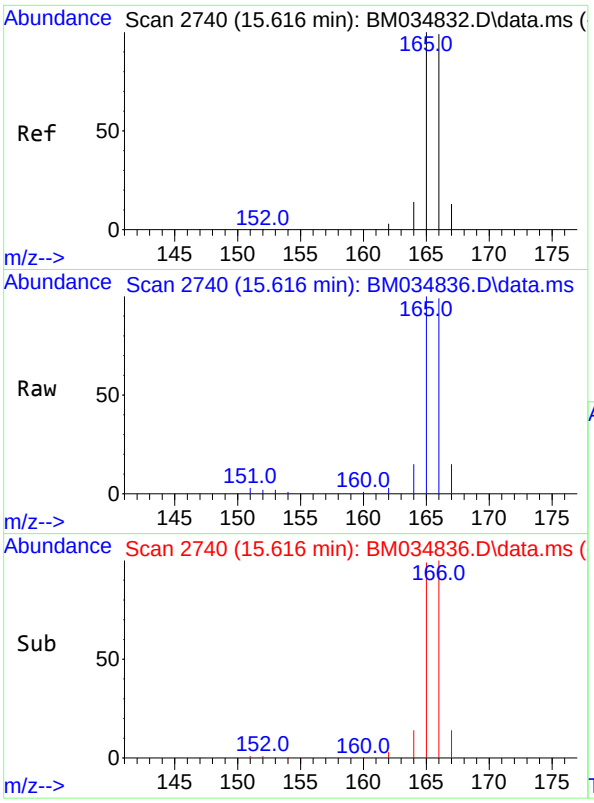


#11
Acenaphthene
Concen: 0.337 ng/ul
RT: 14.631 min Scan# 2527
Delta R.T. -0.008 min
Lab File: BM034836.D
Acq: 26 Apr 2022 14:52

Tgt Ion:153 Resp: 9645

Ion	Ratio	Lower	Upper
153	100		
152	49.6	42.4	63.6
154	84.8	66.2	99.2



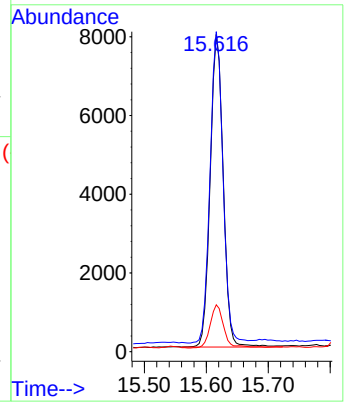


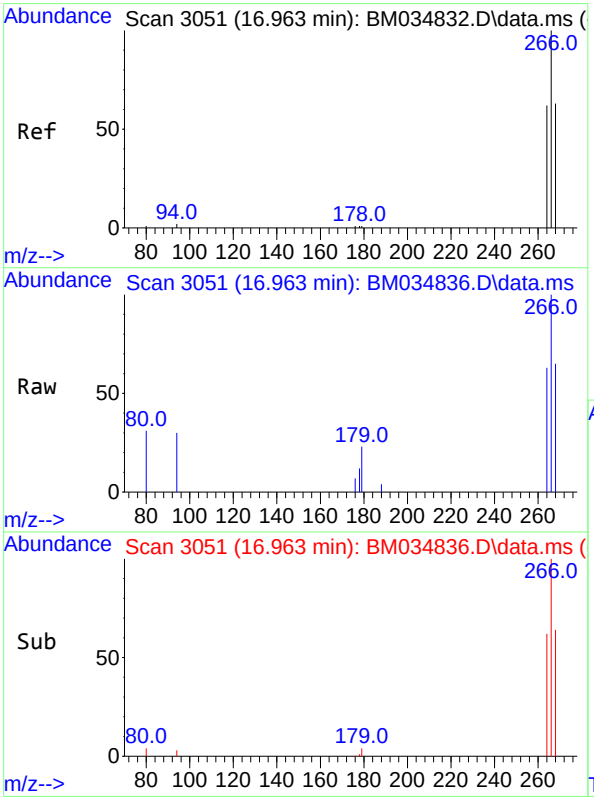
#12
Fluorene
Concen: 0.359 ng/ul
RT: 15.616 min Scan# 2
Delta R.T. -0.003 min
Lab File: BM034836.D
Acq: 26 Apr 2022 14:52

Instrument :
BNA_M
ClientSampleId :
A0BM8MS

Tgt Ion:166 Resp: 11568

Ion	Ratio	Lower	Upper
166	100		
165	100.8	81.1	121.7
167	14.8	14.9	22.3#

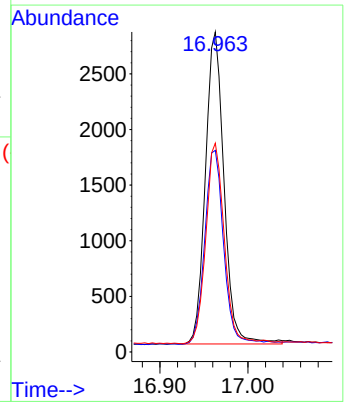


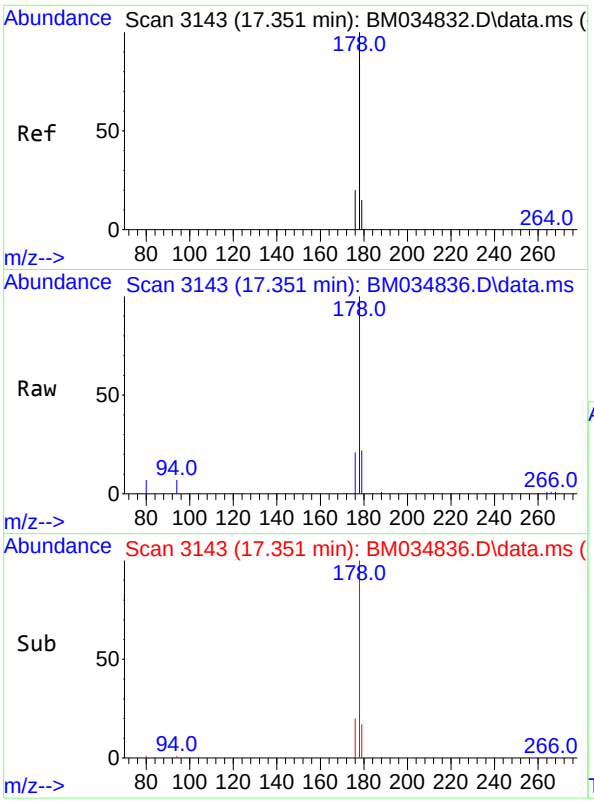


#14
Pentachlorophenol
Concen: 0.864 ng/ul
RT: 16.963 min Scan# 3051
Delta R.T. 0.001 min
Lab File: BM034836.D
Acq: 26 Apr 2022 14:52

Tgt Ion:266 Resp: 4131

Ion	Ratio	Lower	Upper
266	100		
264	63.5	51.4	77.0
268	64.3	53.1	79.7



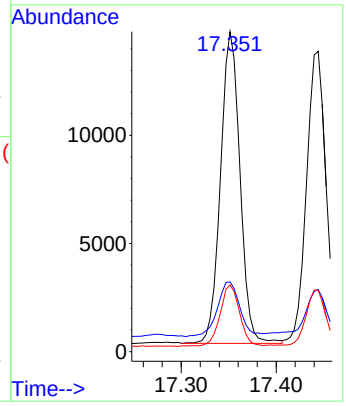


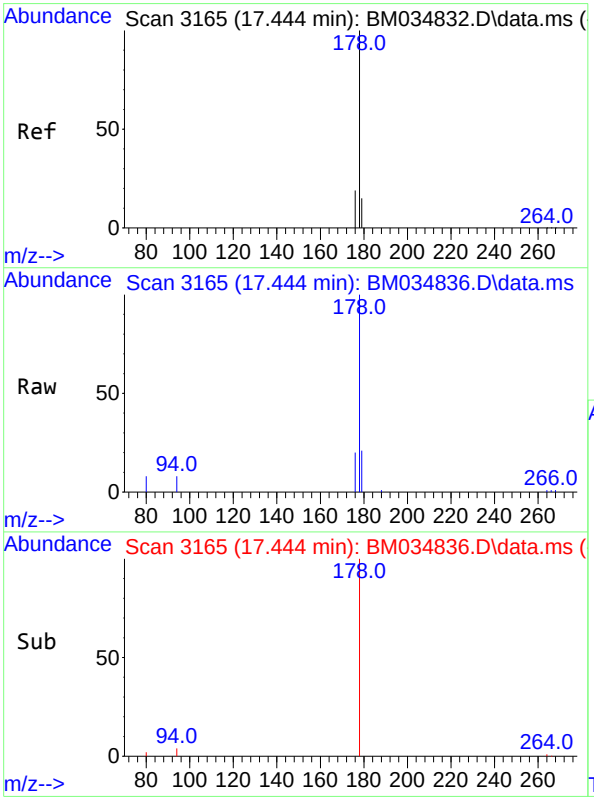
#15
Phenanthrene
Concen: 0.386 ng/ul
RT: 17.351 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM034836.D
Acq: 26 Apr 2022 14:52

Instrument :
BNA_M
ClientSampleId :
A0BM8MS

Tgt Ion:178 Resp: 20566

Ion	Ratio	Lower	Upper
178	100		
179	21.8	15.0	22.6
176	20.8	17.9	26.9

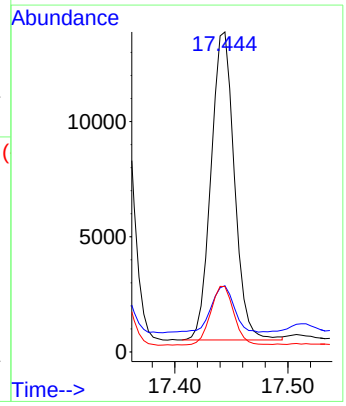


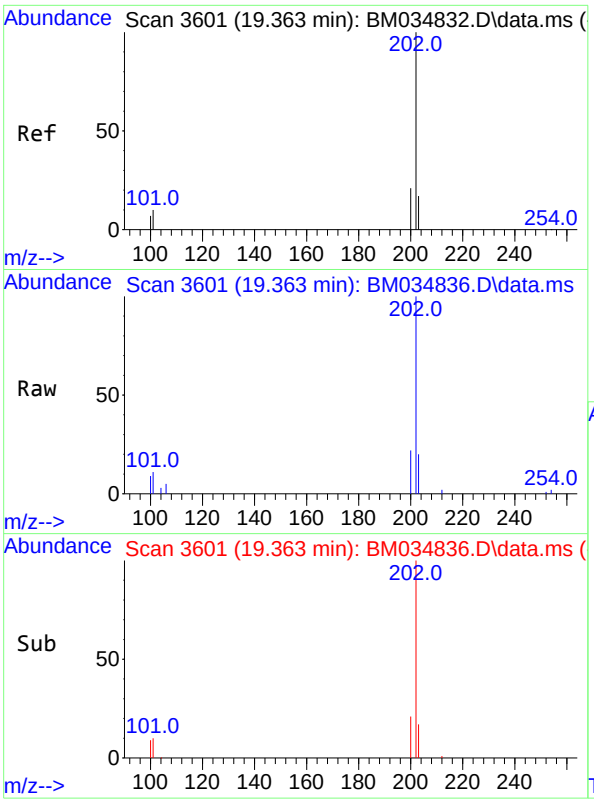


#16
Anthracene
Concen: 0.403 ng/ul
RT: 17.444 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BM034836.D
Acq: 26 Apr 2022 14:52

Tgt Ion:178 Resp: 19152

Ion	Ratio	Lower	Upper
178	100		
179	20.7	16.5	24.7
176	20.5	18.3	27.5



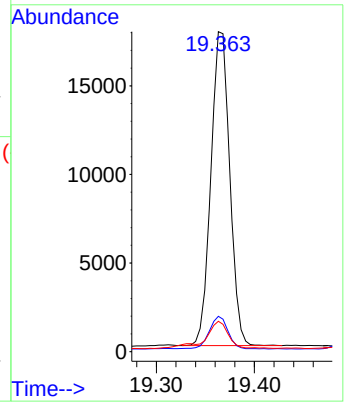


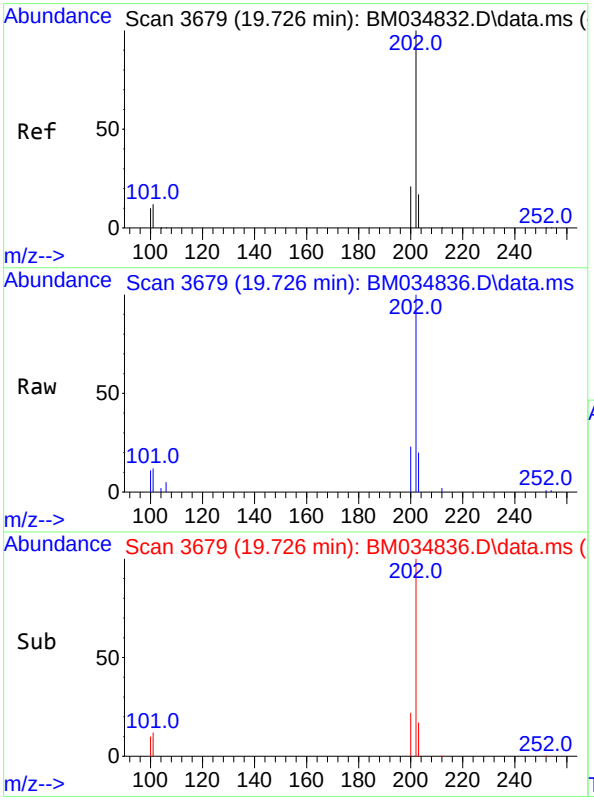
#19
Fluoranthene
Concen: 0.387 ng/ul
RT: 19.363 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM034836.D
Acq: 26 Apr 2022 14:52

Instrument :
BNA_M
ClientSampleId :
A0BM8MS

Tgt Ion:202 Resp: 23699

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.2	13.8
100	9.5	7.2	10.8

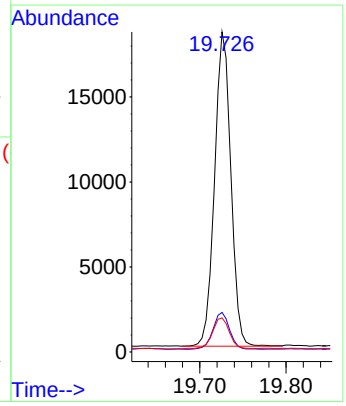


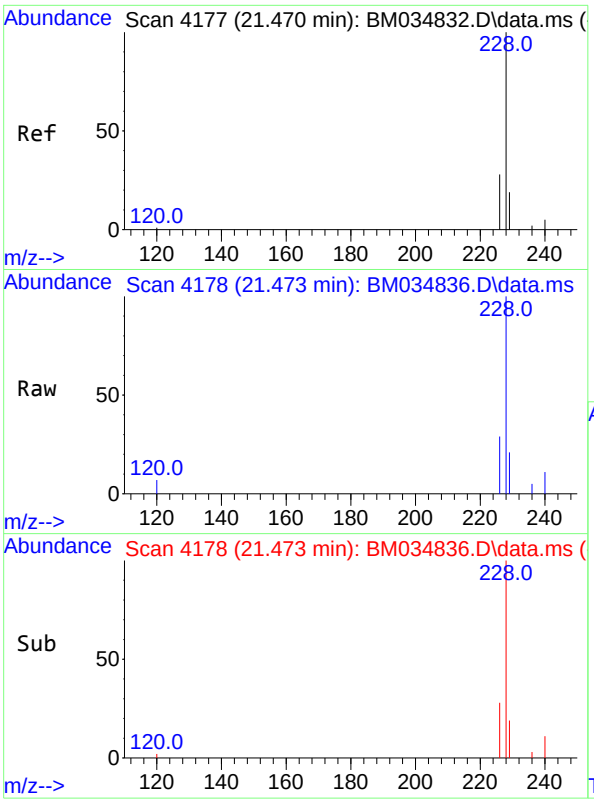


#20
Pyrene
Concen: 0.394 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. -0.003 min
Lab File: BM034836.D
Acq: 26 Apr 2022 14:52

Tgt Ion:202 Resp: 24243

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.3	13.9
100	10.6	7.8	11.6





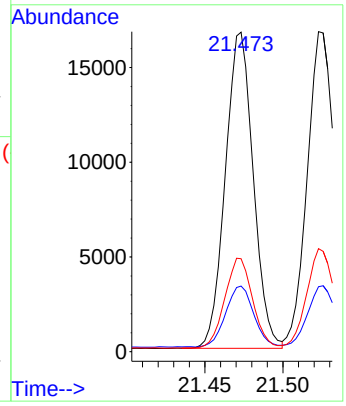
#21
Benzo(a)anthracene
Concen: 0.420 ng/ul
RT: 21.473 min Scan# 4

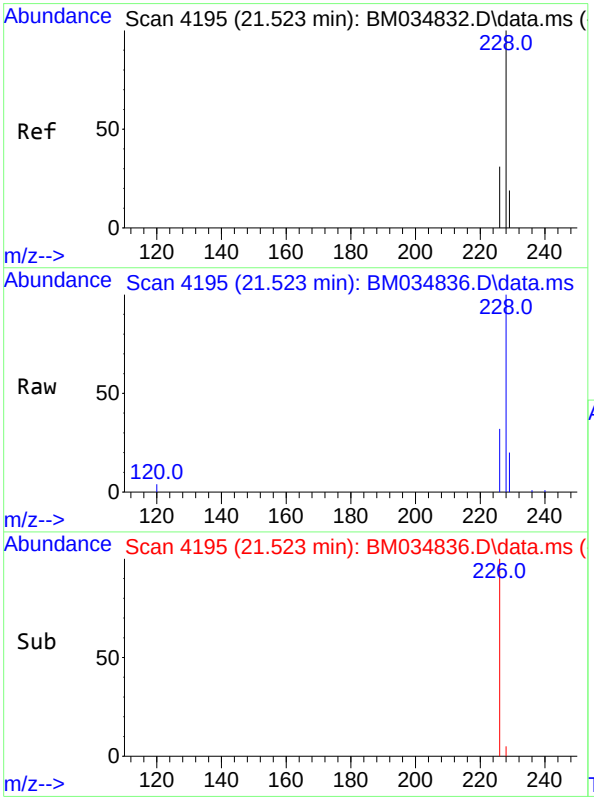
Instrument :
BNA_M
ClientSampleId :
A0BM8MS

Delta R.T. 0.001 min
Lab File: BM034836.D
Acq: 26 Apr 2022 14:52

Tgt Ion:228 Resp: 20856

Ion	Ratio	Lower	Upper
228	100		
229	20.5	17.3	25.9
226	29.1	23.2	34.8

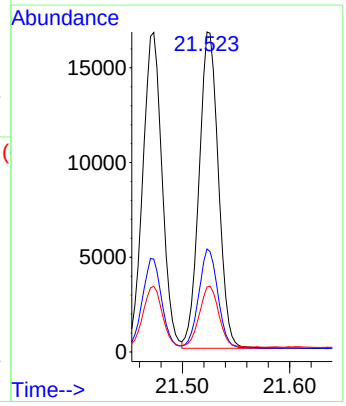


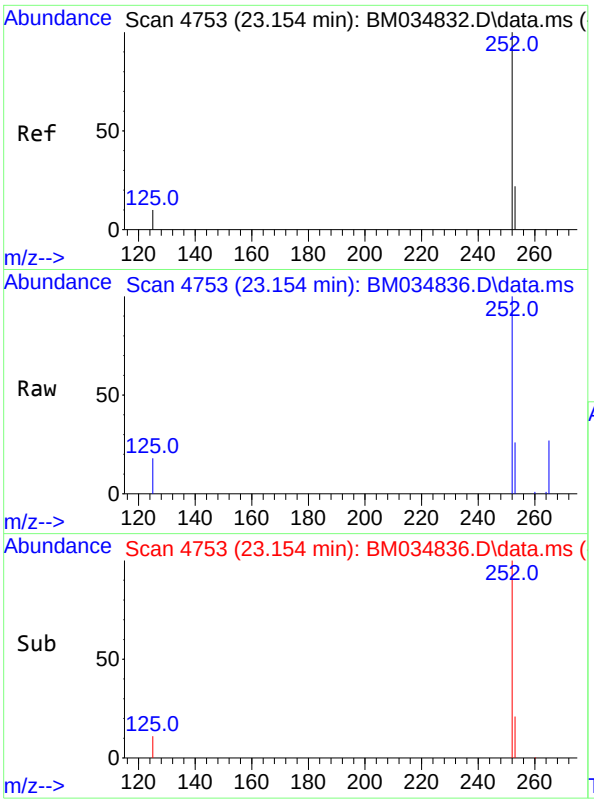


#22
Chrysene
Concen: 0.394 ng/ul
RT: 21.523 min Scan# 4195
Delta R.T. -0.002 min
Lab File: BM034836.D
Acq: 26 Apr 2022 14:52

Tgt Ion:228 Resp: 20892

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.8	38.8
229	20.3	16.7	25.1



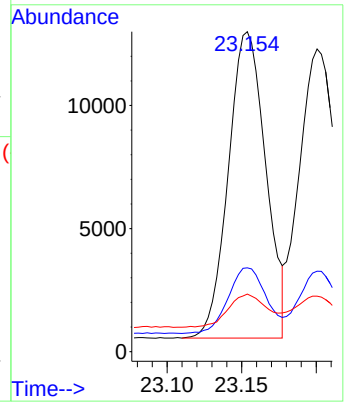


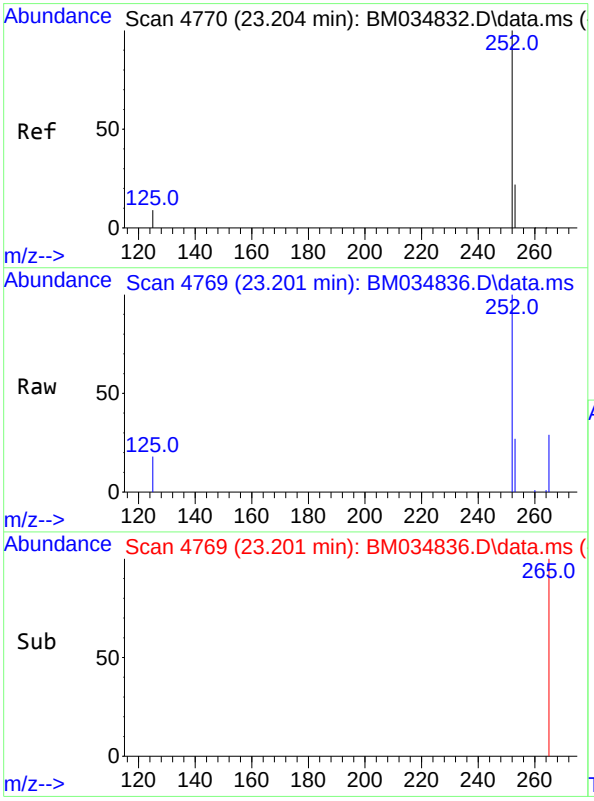
#24
Benzo(b)fluoranthene
Concen: 0.361 ng/ul
RT: 23.154 min Scan# 4
Delta R.T. 0.001 min
Lab File: BM034836.D
Acq: 26 Apr 2022 14:52

Instrument :
BNA_M
ClientSampleId :
A0BM8MS

Tgt Ion:252 Resp: 21731

Ion	Ratio	Lower	Upper
252	100		
253	26.2	0.0	64.2
125	18.0	0.0	28.8

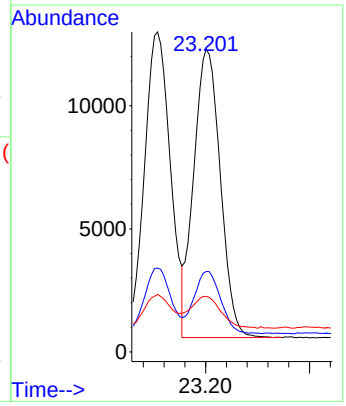


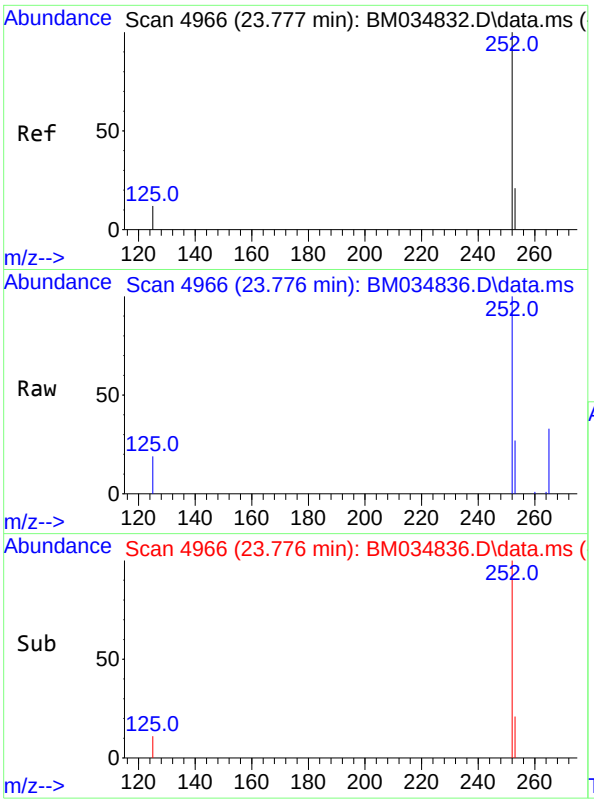


#25
Benzo(k)fluoranthene
Concen: 0.347 ng/ul
RT: 23.201 min Scan# 4769
Delta R.T. -0.002 min
Lab File: BM034836.D
Acq: 26 Apr 2022 14:52

Tgt Ion:252 Resp: 20829

Ion	Ratio	Lower	Upper
252	100		
253	26.6	26.8	40.2#
125	18.3	12.0	18.0#



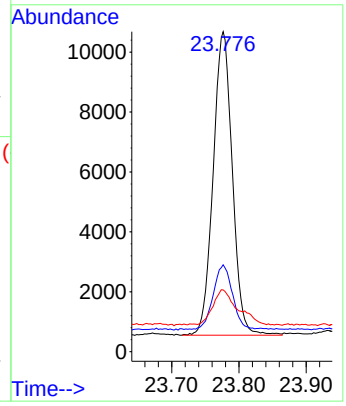


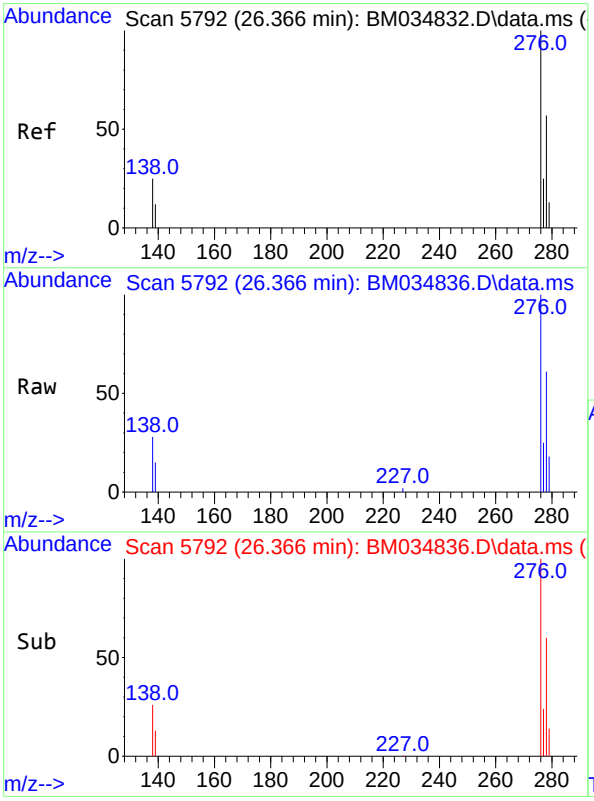
#26
Benzo(a)pyrene
Concen: 0.409 ng/ul
RT: 23.776 min Scan# 4
Delta R.T. 0.001 min
Lab File: BM034836.D
Acq: 26 Apr 2022 14:52

Instrument :
BNA_M
ClientSampleId :
A0BM8MS

Tgt Ion:252 Resp: 20087

Ion	Ratio	Lower	Upper
252	100		
253	27.2	32.0	48.0#
125	19.3	14.5	21.7

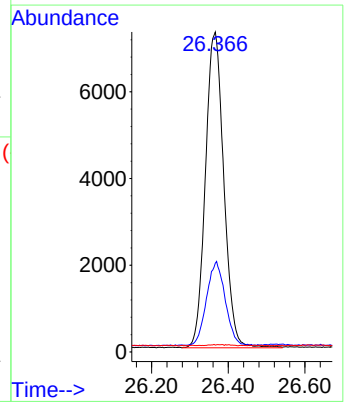


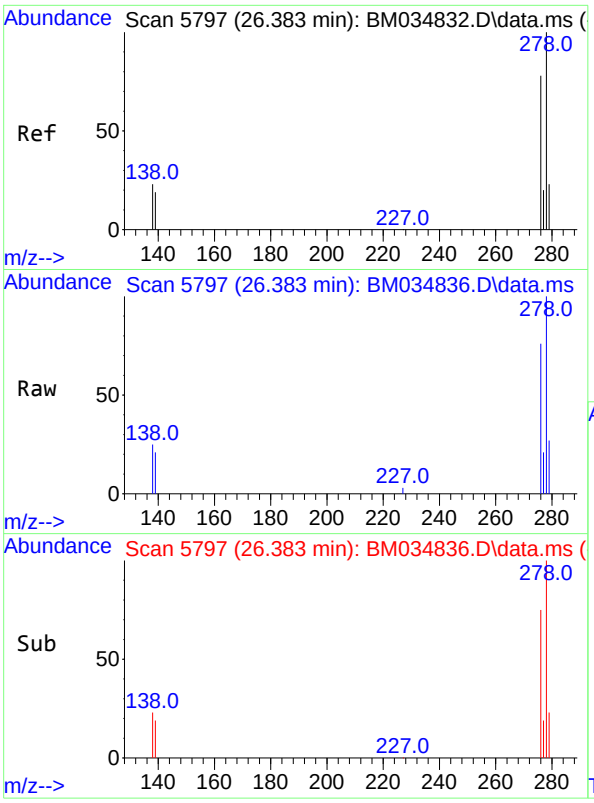


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.353 ng/ul
RT: 26.366 min Scan# 5792
Delta R.T. 0.005 min
Lab File: BM034836.D
Acq: 26 Apr 2022 14:52

Tgt Ion:276 Resp: 24313

Ion	Ratio	Lower	Upper
276	100		
138	26.7	15.8	23.6#
227	0.1	0.0	0.0#



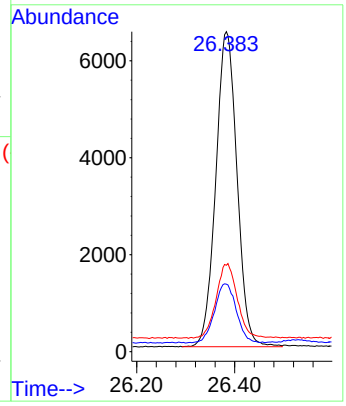


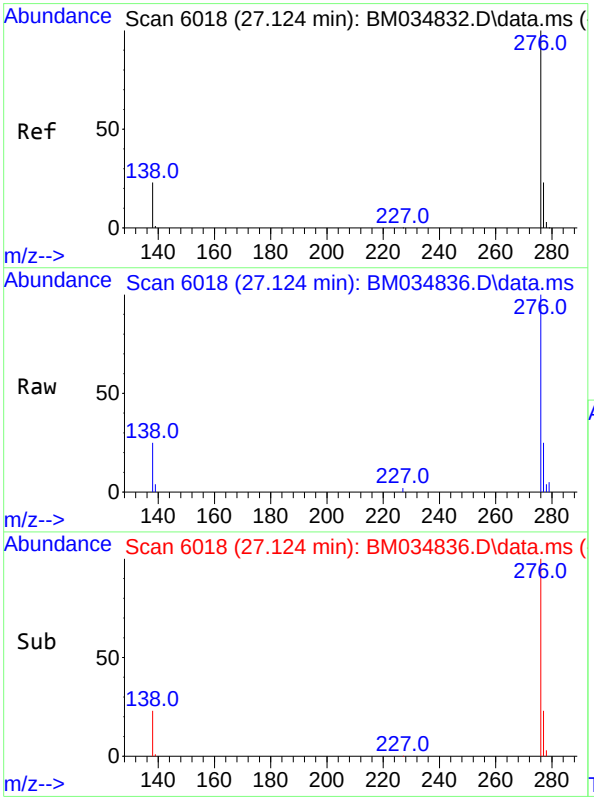
#28
Dibenzo(a,h)anthracene
Concen: 0.349 ng/ul
RT: 26.383 min Scan# 5
Delta R.T. -0.002 min
Lab File: BM034836.D
Acq: 26 Apr 2022 14:52

Instrument :
BNA_M
ClientSampleId :
A0BM8MS

Tgt Ion:278 Resp: 19574

Ion	Ratio	Lower	Upper
278	100		
139	21.1	18.0	27.0
279	27.0	28.6	42.8#





#29
Benzo(g,h,i)perylene
Concen: 0.345 ng/ul
RT: 27.124 min Scan# 6018
Delta R.T. 0.005 min
Lab File: BM034836.D
Acq: 26 Apr 2022 14:52

Tgt Ion:276 Resp: 20530

Ion	Ratio	Lower	Upper
276	100		
138	24.9	17.4	26.0
277	25.3	22.6	33.8