Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042622\
Data File : BM034846.D
Acq On : 26 Apr 2022 20:52
Operator : CG/JU
Sample : N2475-11MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A0BM8MS

Quant Time: Apr 27 01:32:40 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	5578	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	14585	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.571	164	7816	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	16589	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.488	240	13470	0.400	ng/ul	# 0.00
23) Perylene-d12	23.879	264	13692	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.382	96	15127	2.452	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	6420	0.313	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	16272	0.383	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	2926	0.498	ng/ul#	81
5) Naphthalene	10.793	128	13958	0.335	ng/ul#	88
7) 2-Methylnaphthalene	12.404	142	8800	0.318	ng/ul	100
8) 1-Methylnaphthalene	12.618	142	8573	0.315	ng/ul	99
10) Acenaphthylene	14.288	152	13043	0.382	ng/ul#	91
11) Acenaphthene	14.631	153	9631	0.333	ng/ul	96
12) Fluorene	15.616	166	11755	0.361	ng/ul#	98
14) Pentachlorophenol	16.959	266	4091	0.831	ng/ul	97
15) Phenanthrene	17.351	178	21052	0.384	ng/ul	95
16) Anthracene	17.440	178	19559	0.400	ng/ul	97
19) Fluoranthene	19.364	202	24901	0.385	ng/ul	99
20) Pyrene	19.726	202	25753	0.397	ng/ul	98
21) Benzo(a)anthracene	21.471	228	21979	0.419	ng/ul	99
22) Chrysene	21.523	228	22249	0.398	ng/ul	99
24) Benzo(b)fluoranthene	23.151	252	23272	0.372	ng/ul	90
25) Benzo(k)fluoranthene	23.201	252	21920	0.351	ng/ul#	88
26) Benzo(a)pyrene	23.774	252	20715	0.406	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.363	276	25384	0.354	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.377	278	20674	0.355	ng/ul#	89
29) Benzo(g,h,i)perylene	27.121	276	21463	0.347	ng/ul	93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042622\
Data File : BM034846.D
Acq On : 26 Apr 2022 20:52
Operator : CG/JU
Sample : N2475-11MS
Misc :
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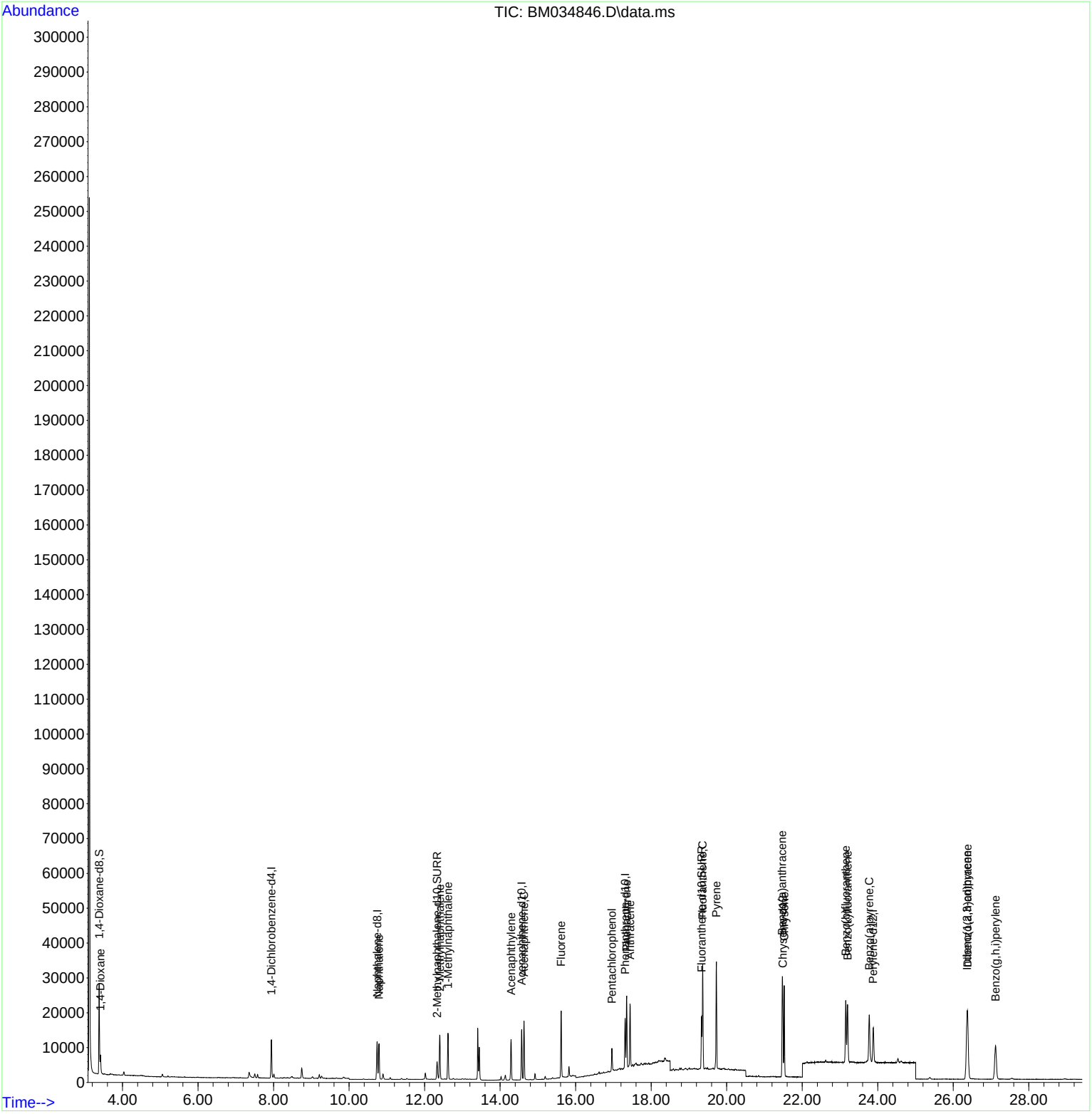
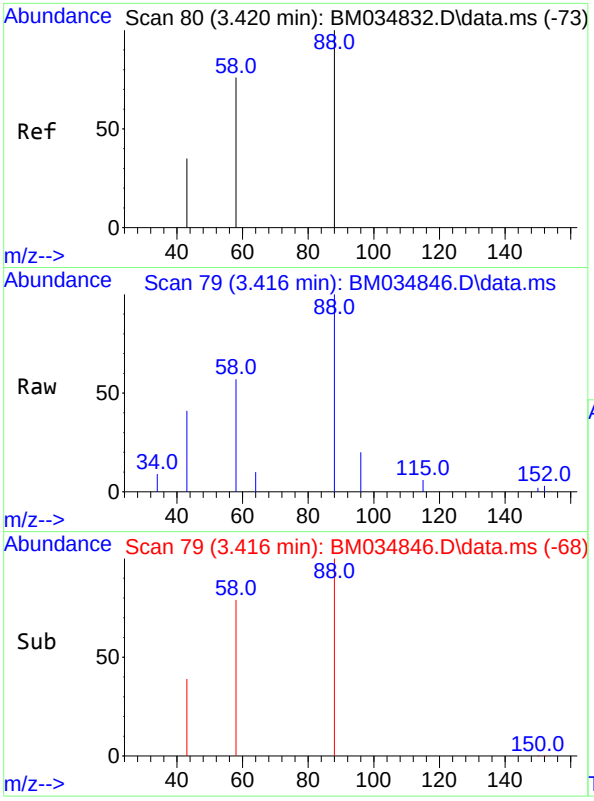
Instrument :
BNA_M
ClientSampleId :
A0BM8MS

Quant Time: Apr 27 01:32:40 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



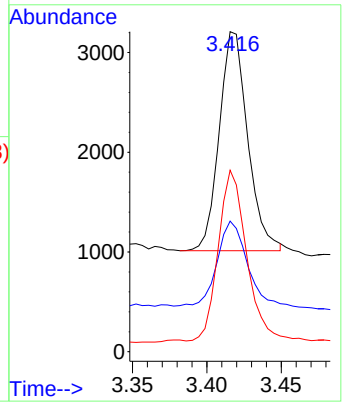


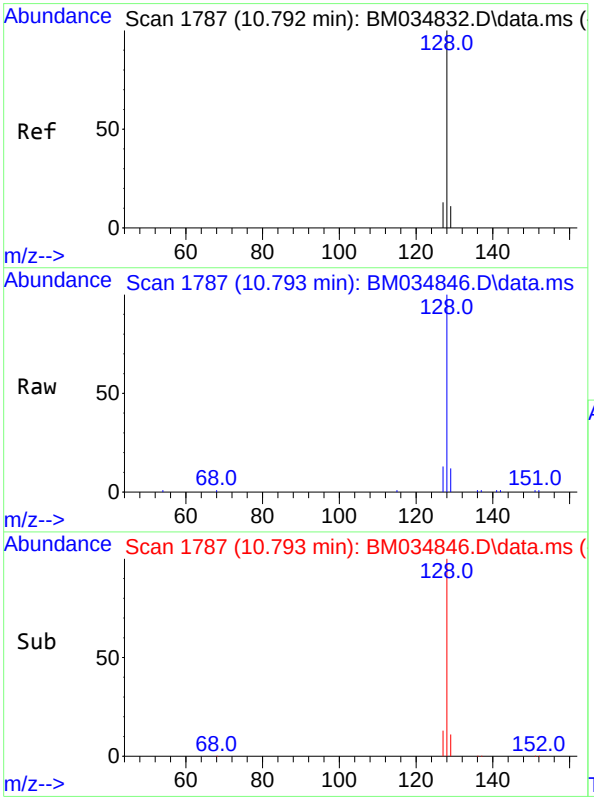
#2
1,4-Dioxane
Concen: 0.498 ng/ul
RT: 3.416 min Scan# 7
Delta R.T. -0.004 min
Lab File: BM034846.D
Acq: 26 Apr 2022 20:52

Instrument :
BNA_M
ClientSampleId :
A0BM8MS

Tgt Ion: 88 Resp: 2926

Ion	Ratio	Lower	Upper
88	100		
43	40.8	49.7	74.5#
58	56.7	52.5	78.7

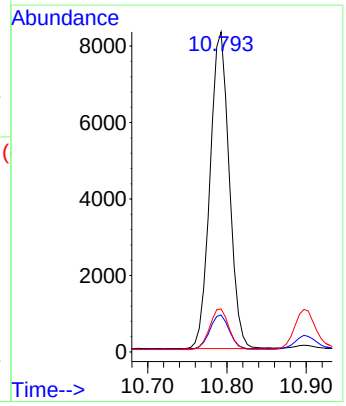


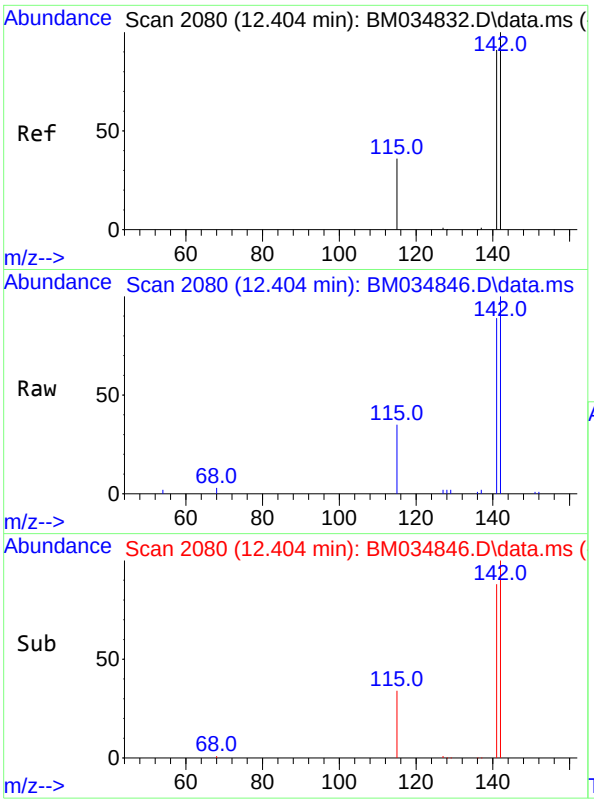


#5
Naphthalene
Concen: 0.335 ng/ul
RT: 10.793 min Scan# 1787
Delta R.T. -0.004 min
Lab File: BM034846.D
Acq: 26 Apr 2022 20:52

Tgt Ion:128 Resp: 13958

Ion	Ratio	Lower	Upper
128	100		
129	11.6	13.4	20.2#
127	13.5	15.2	22.8#



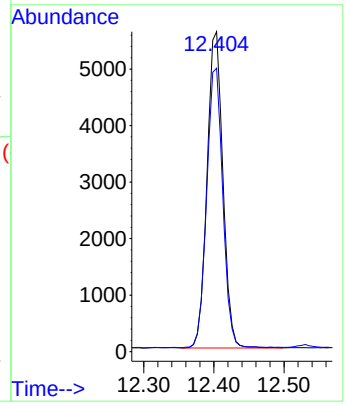


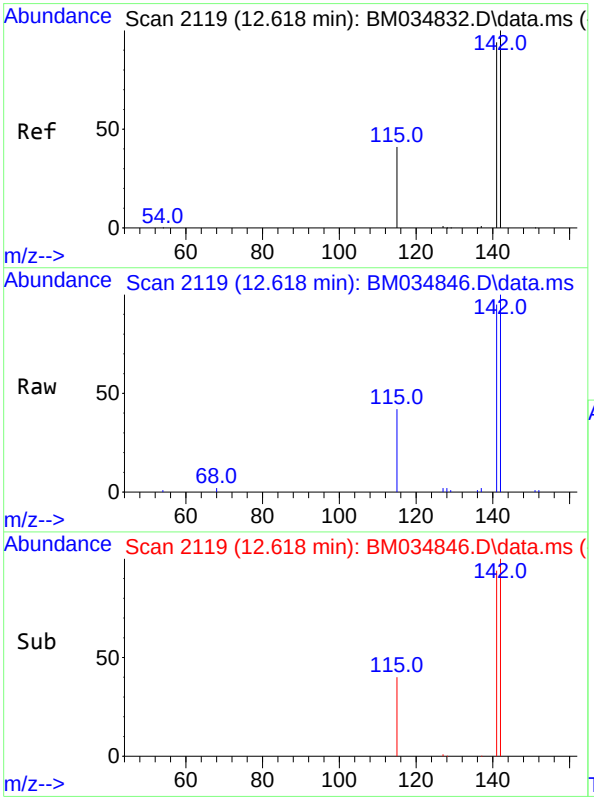
#7
2-Methylnaphthalene
Concen: 0.318 ng/ul
RT: 12.404 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM034846.D
Acq: 26 Apr 2022 20:52

Instrument :
BNA_M
ClientSampleId :
A0BM8MS

Tgt Ion:142 Resp: 8800

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.8	107.6

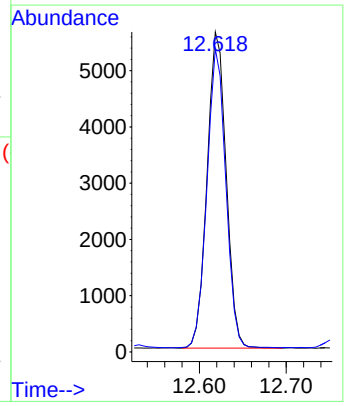


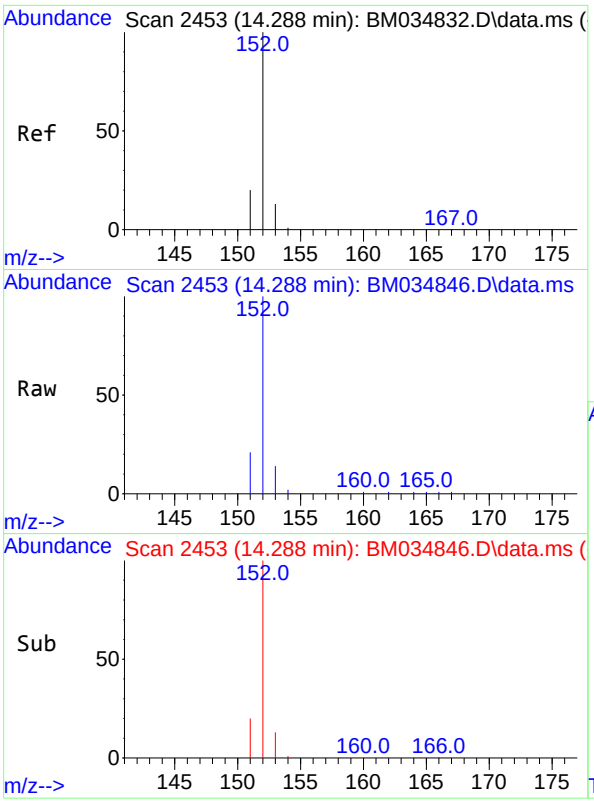


#8
1-Methylnaphthalene
Concen: 0.315 ng/ul
RT: 12.618 min Scan# 2119
Delta R.T. -0.010 min
Lab File: BM034846.D
Acq: 26 Apr 2022 20:52

Tgt Ion:142 Resp: 8573

Ion	Ratio	Lower	Upper
142	100		
141	93.2	75.0	112.4



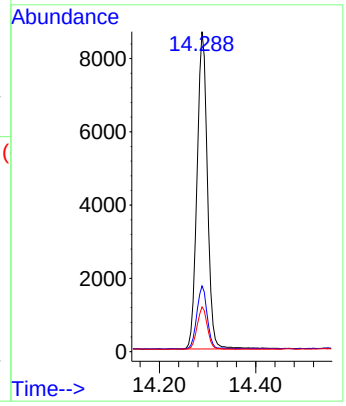


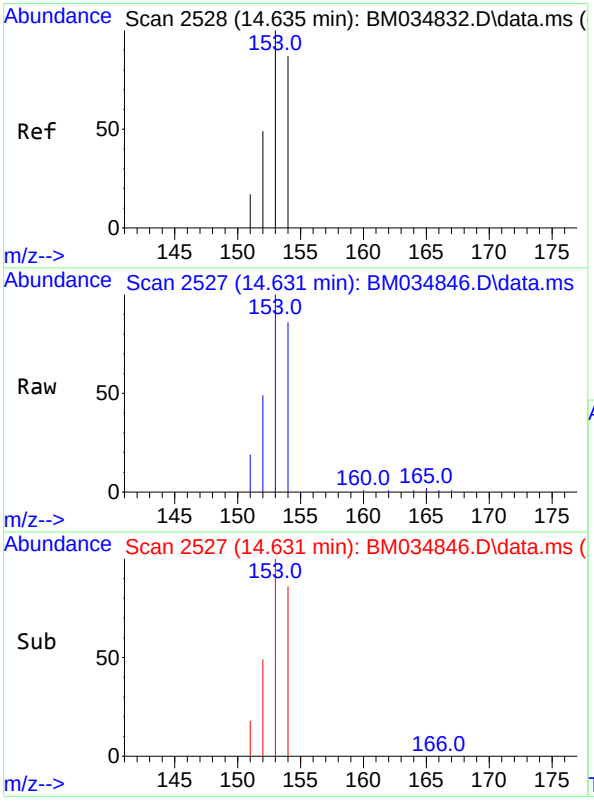
#10
Acenaphthylene
Concen: 0.382 ng/ul
RT: 14.288 min Scan# 24
Delta R.T. -0.008 min
Lab File: BM034846.D
Acq: 26 Apr 2022 20:52

Instrument :
BNA_M
ClientSampleId :
A0BM8MS

Tgt Ion:152 Resp: 13043

Ion	Ratio	Lower	Upper
152	100		
151	20.6	19.9	29.9
153	14.0	15.0	22.4#

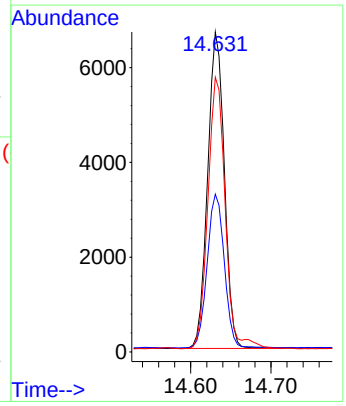


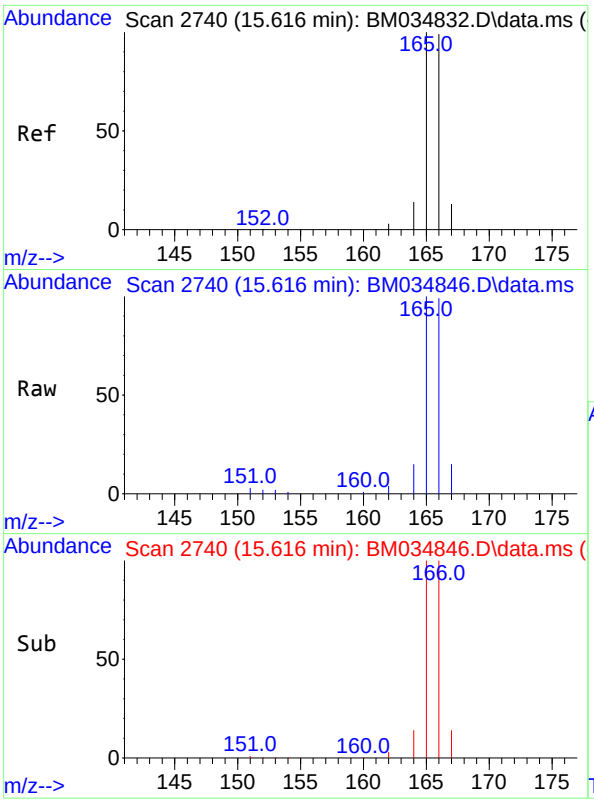


#11
Acenaphthene
Concen: 0.333 ng/ul
RT: 14.631 min Scan# 2527
Delta R.T. -0.008 min
Lab File: BM034846.D
Acq: 26 Apr 2022 20:52

Tgt Ion:153 Resp: 9631

Ion	Ratio	Lower	Upper
153	100		
152	49.3	42.4	63.6
154	85.9	66.2	99.2



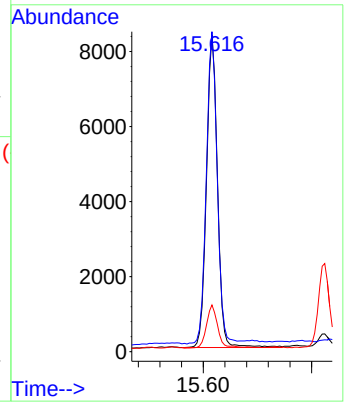


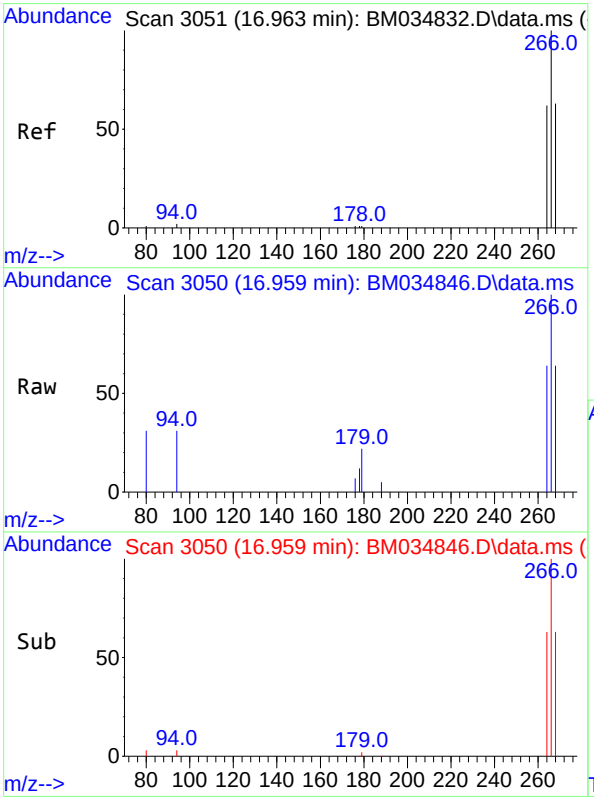
#12
Fluorene
Concen: 0.361 ng/ul
RT: 15.616 min Scan# 2
Delta R.T. -0.003 min
Lab File: BM034846.D
Acq: 26 Apr 2022 20:52

Instrument :
BNA_M
ClientSampleId :
A0BM8MS

Tgt Ion:166 Resp: 11755

Ion	Ratio	Lower	Upper
166	100		
165	101.1	81.1	121.7
167	14.8	14.9	22.3#

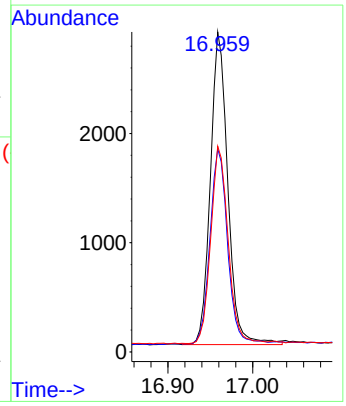


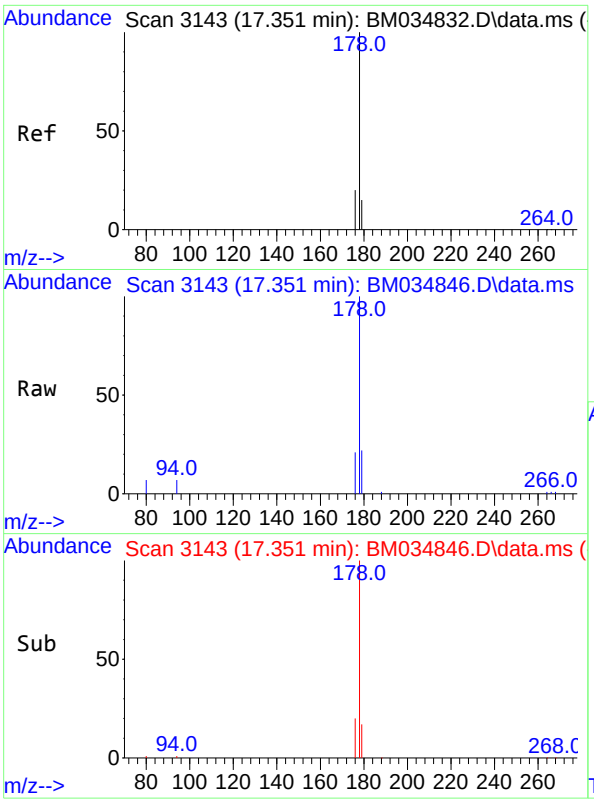


#14
Pentachlorophenol
Concen: 0.831 ng/ul
RT: 16.959 min Scan# 3050
Delta R.T. -0.003 min
Lab File: BM034846.D
Acq: 26 Apr 2022 20:52

Tgt Ion:266 Resp: 4091

Ion	Ratio	Lower	Upper
266	100		
264	63.3	51.4	77.0
268	63.1	53.1	79.7



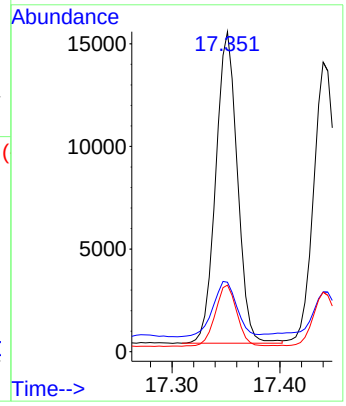


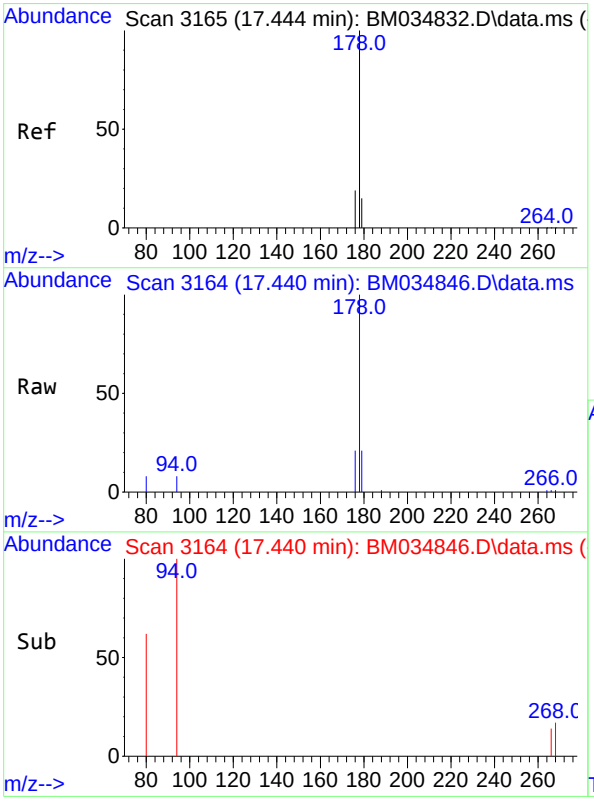
#15
Phenanthrene
Concen: 0.384 ng/ul
RT: 17.351 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM034846.D
Acq: 26 Apr 2022 20:52

Instrument :
BNA_M
ClientSampleId :
A0BM8MS

Tgt Ion:178 Resp: 21052

Ion	Ratio	Lower	Upper
178	100		
179	21.7	15.0	22.6
176	20.8	17.9	26.9

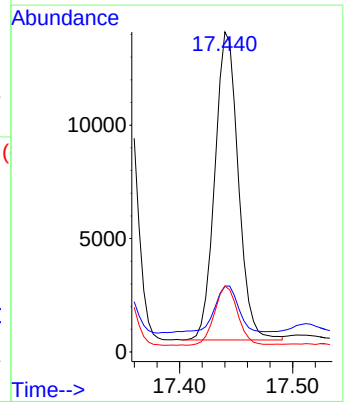


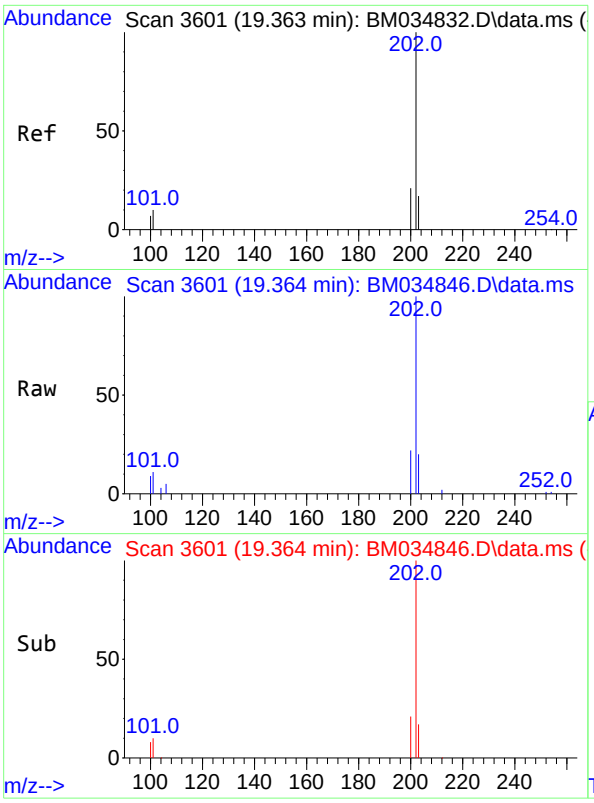


#16
Anthracene
Concen: 0.400 ng/ul
RT: 17.440 min Scan# 3164
Delta R.T. -0.007 min
Lab File: BM034846.D
Acq: 26 Apr 2022 20:52

Tgt Ion:178 Resp: 19559

Ion	Ratio	Lower	Upper
178	100		
179	20.6	16.5	24.7
176	20.6	18.3	27.5



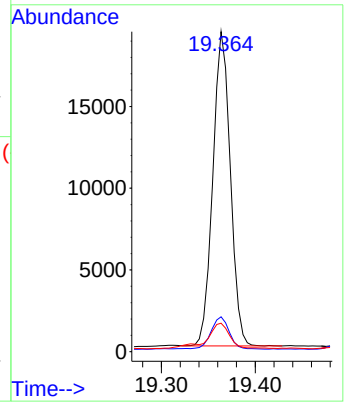


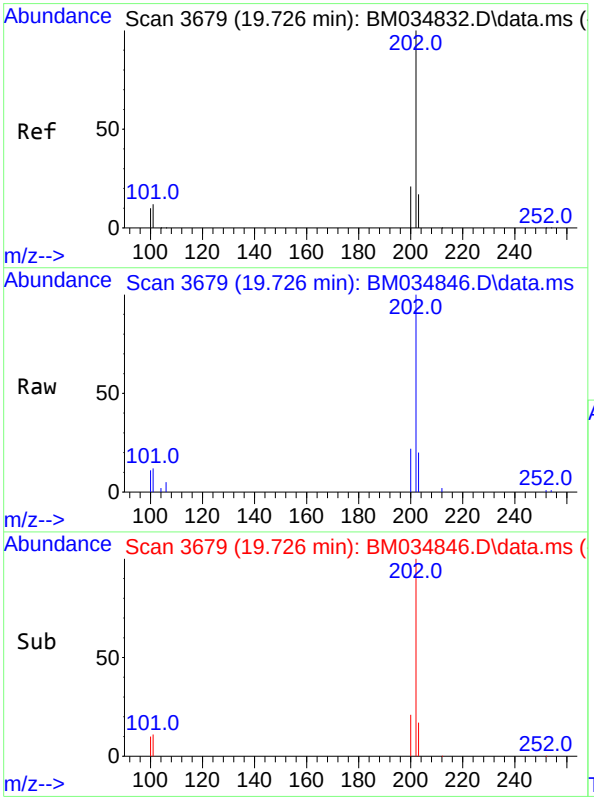
#19
Fluoranthene
Concen: 0.385 ng/ul
RT: 19.364 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM034846.D
Acq: 26 Apr 2022 20:52

Instrument :
BNA_M
ClientSampleId :
A0BM8MS

Tgt Ion:202 Resp: 24901

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.2	13.8
100	8.9	7.2	10.8

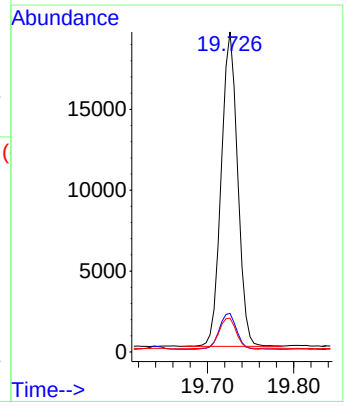


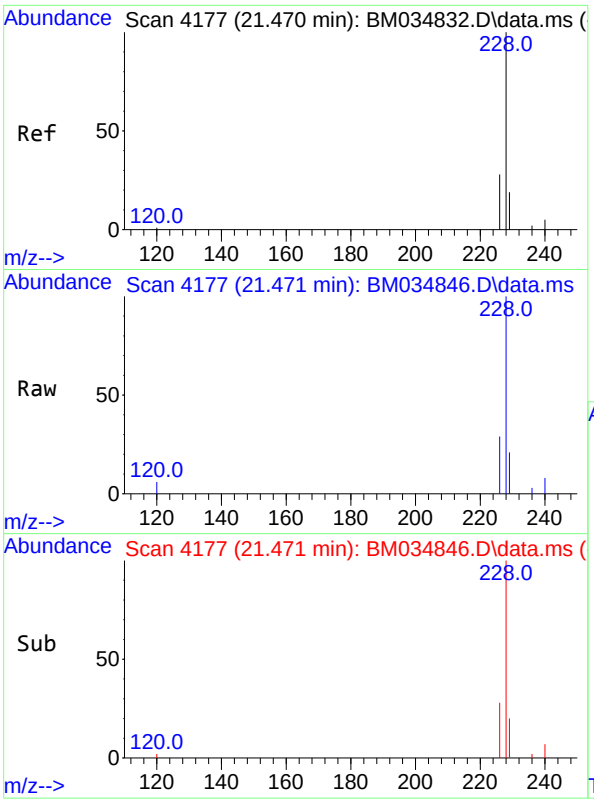


#20
Pyrene
Concen: 0.397 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. -0.003 min
Lab File: BM034846.D
Acq: 26 Apr 2022 20:52

Tgt Ion:202 Resp: 25753

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.3	13.9
100	10.5	7.8	11.6



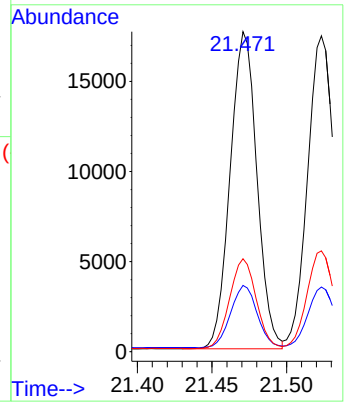


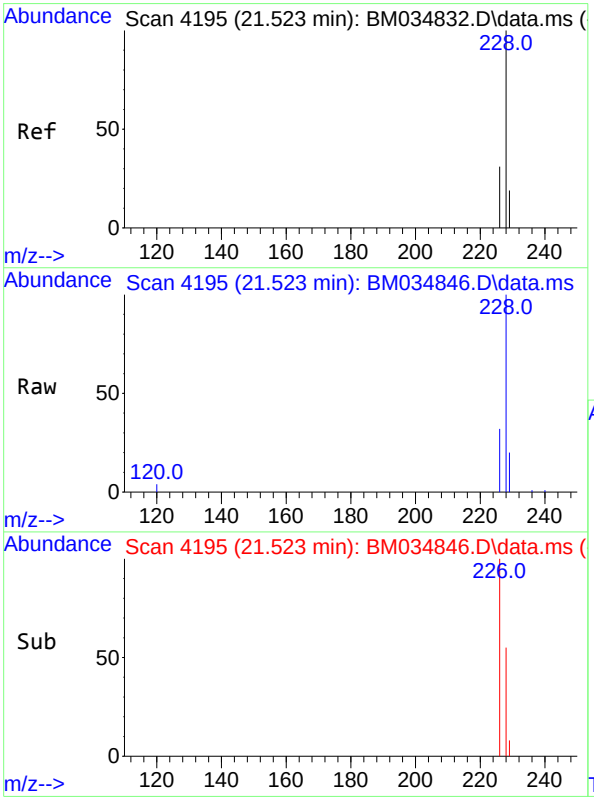
#21
Benzo(a)anthracene
Concen: 0.419 ng/ul
RT: 21.471 min Scan# 41
Delta R.T. -0.001 min
Lab File: BM034846.D
Acq: 26 Apr 2022 20:52

Instrument :
BNA_M
ClientSampleId :
A0BM8MS

Tgt Ion:228 Resp: 21979

Ion	Ratio	Lower	Upper
228	100		
229	20.7	17.3	25.9
226	29.0	23.2	34.8

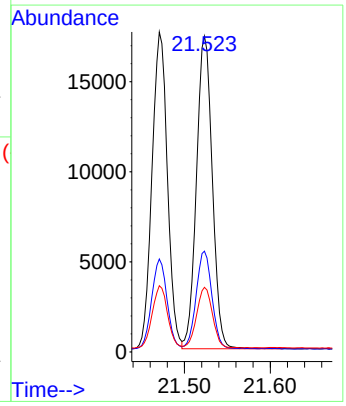


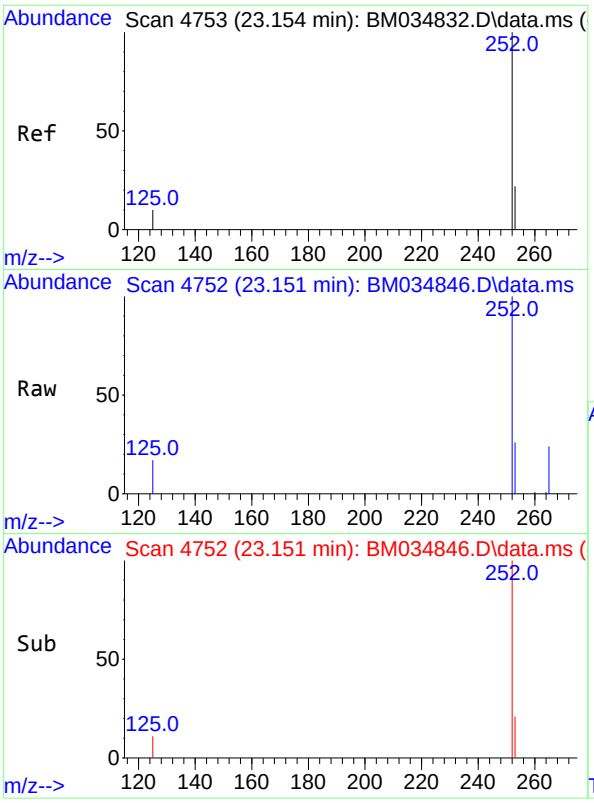


#22
Chrysene
Concen: 0.398 ng/ul
RT: 21.523 min Scan# 4195
Delta R.T. -0.001 min
Lab File: BM034846.D
Acq: 26 Apr 2022 20:52

Tgt Ion:228 Resp: 22249

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.8	38.8
229	20.5	16.7	25.1



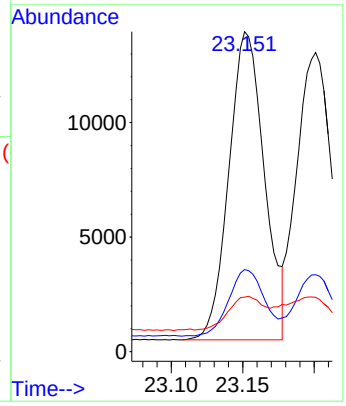


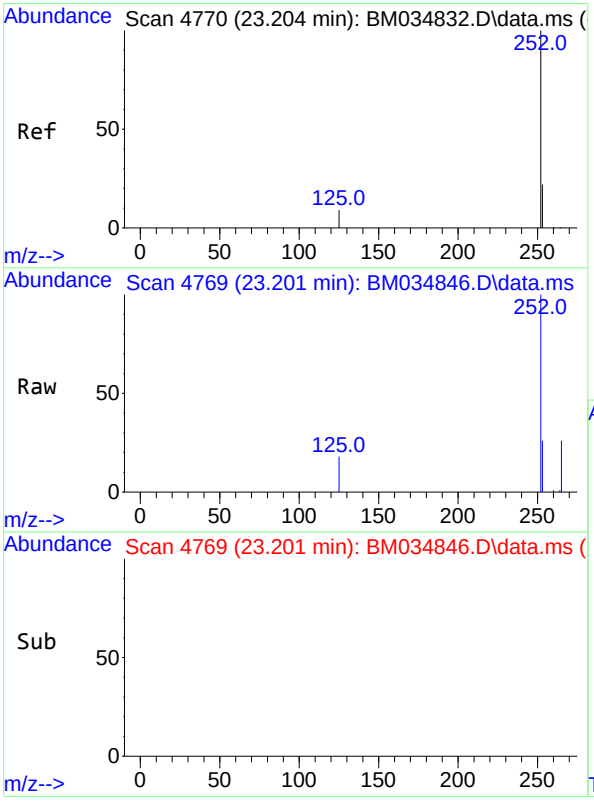
#24
Benzo(b)fluoranthene
Concen: 0.372 ng/ul
RT: 23.151 min Scan# 4
Delta R.T. -0.001 min
Lab File: BM034846.D
Acq: 26 Apr 2022 20:52

Instrument :
BNA_M
ClientSampleId :
A0BM8MS

Tgt Ion:252 Resp: 23272

Ion	Ratio	Lower	Upper
252	100		
253	25.6	0.0	64.2
125	17.0	0.0	28.8

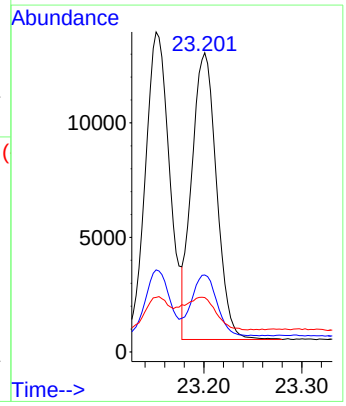


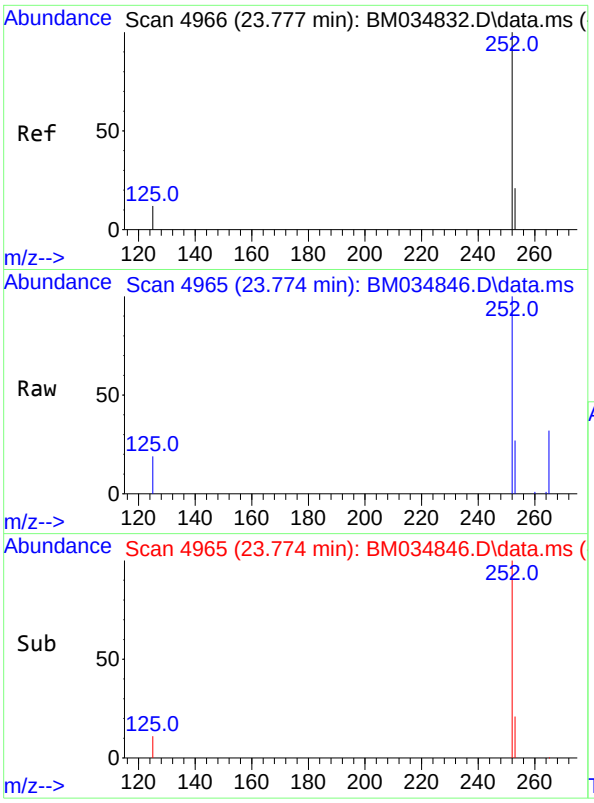


#25
Benzo(k)fluoranthene
Concen: 0.351 ng/ul
RT: 23.201 min Scan# 4769
Delta R.T. -0.001 min
Lab File: BM034846.D
Acq: 26 Apr 2022 20:52

Tgt Ion:252 Resp: 21920

Ion	Ratio	Lower	Upper
252	100		
253	25.7	26.8	40.2#
125	18.2	12.0	18.0#



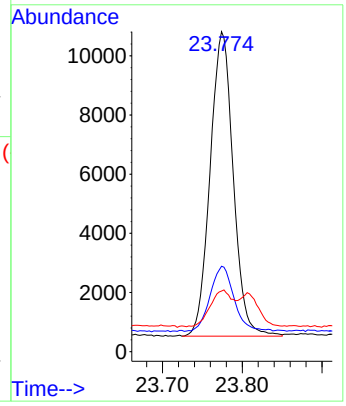


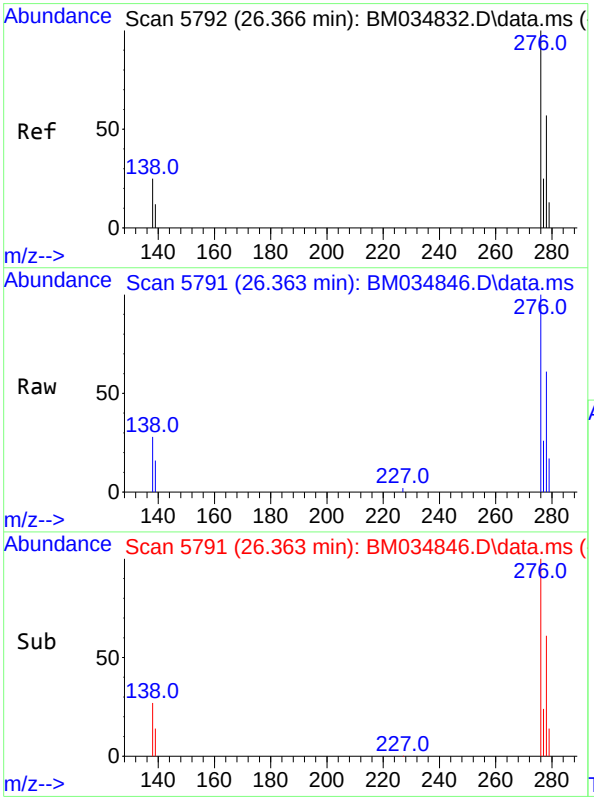
#26
Benzo(a)pyrene
Concen: 0.406 ng/ul
RT: 23.774 min Scan# 4
Delta R.T. -0.001 min
Lab File: BM034846.D
Acq: 26 Apr 2022 20:52

Instrument :
BNA_M
ClientSampleId :
A0BM8MS

Tgt Ion:252 Resp: 20715

Ion	Ratio	Lower	Upper
252	100		
253	26.7	32.0	48.0#
125	18.9	14.5	21.7

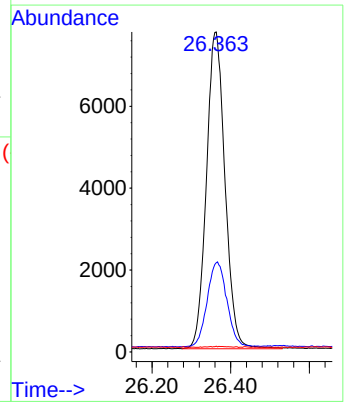


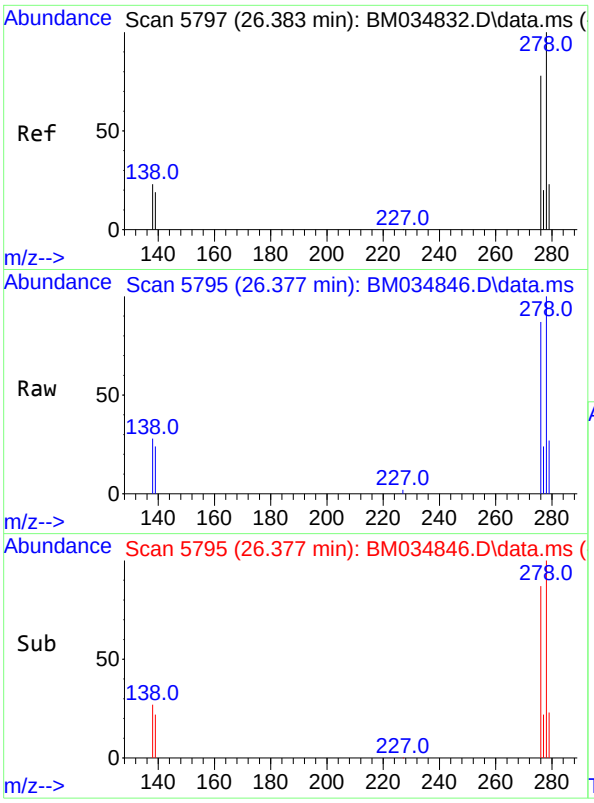


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.354 ng/ul
RT: 26.363 min Scan# 5791
Delta R.T. 0.002 min
Lab File: BM034846.D
Acq: 26 Apr 2022 20:52

Tgt Ion:276 Resp: 25384

Ion	Ratio	Lower	Upper
276	100		
138	28.4	15.8	23.6#
227	0.2	0.0	0.0#



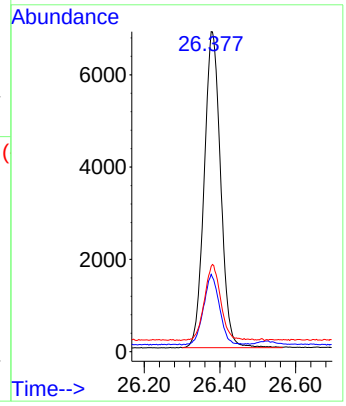


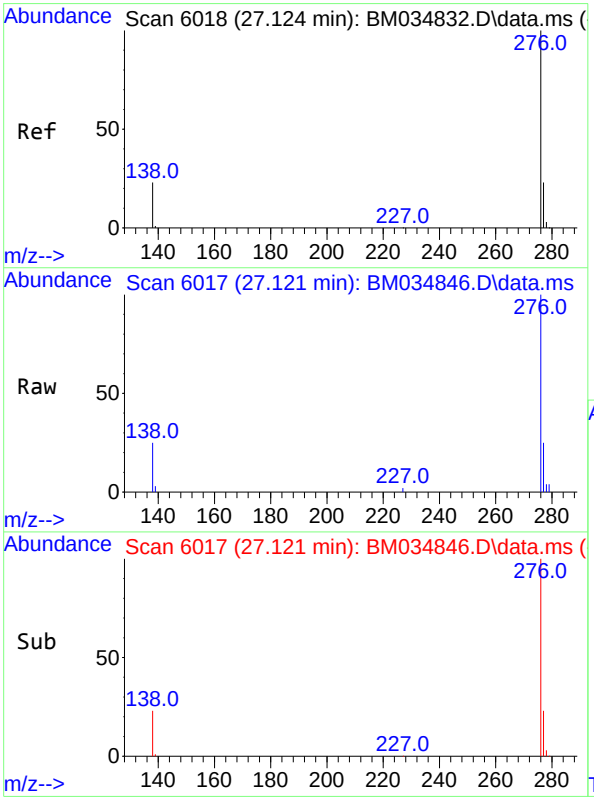
#28
Dibenzo(a,h)anthracene
Concen: 0.355 ng/ul
RT: 26.377 min Scan# 5
Delta R.T. -0.008 min
Lab File: BM034846.D
Acq: 26 Apr 2022 20:52

Instrument :
BNA_M
ClientSampleId :
A0BM8MS

Tgt Ion:278 Resp: 20674

Ion	Ratio	Lower	Upper
278	100		
139	24.1	18.0	27.0
279	26.7	28.6	42.8#





#29
Benzo(g,h,i)perylene
Concen: 0.347 ng/ul
RT: 27.121 min Scan# 6017
Delta R.T. 0.002 min
Lab File: BM034846.D
Acq: 26 Apr 2022 20:52

Tgt Ion:276 Resp: 21463

Ion	Ratio	Lower	Upper
276	100		
138	24.9	17.4	26.0
277	24.6	22.6	33.8