Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
Data File : BM034789.D
Acq On : 23 Apr 2022 04:00
Operator : CG/JU
Sample : PB144195BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS195

Quant Time: Apr 23 05:21:27 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	7.947	152	6827	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.743	136	17745	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.570	164	9079	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	16783	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.485	240	12381	0.400	ng/ul	# 0.00
23) Perylene-d12	23.879	264	13286	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	4977	0.659	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	10077	0.404	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	16104	0.412	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.420	88	12674	1.763	ng/ul#	82
5) Naphthalene	10.792	128	19752	0.389	ng/ul#	88
7) 2-Methylnaphthalene	12.404	142	12370	0.367	ng/ul	100
8) 1-Methylnaphthalene	12.624	142	12161	0.367	ng/ul	100
10) Acenaphthylene	14.293	152	18240	0.460	ng/ul#	90
11) Acenaphthene	14.635	153	12857	0.383	ng/ul	96
12) Fluorene	15.621	166	14056	0.372	ng/ul#	96
14) Pentachlorophenol	16.963	266	4329	0.870	ng/ul	98
15) Phenanthrene	17.351	178	21360	0.385	ng/ul	94
16) Anthracene	17.444	178	19533	0.395	ng/ul#	92
19) Fluoranthene	19.364	202	23205	0.390	ng/ul	99
20) Pyrene	19.726	202	23355	0.391	ng/ul	99
21) Benzo(a)anthracene	21.471	228	20800	0.432	ng/ul	98
22) Chrysene	21.523	228	20862	0.406	ng/ul	99
24) Benzo(b)fluoranthene	23.151	252	22473	0.370	ng/ul	91
25) Benzo(k)fluoranthene	23.198	252	21279	0.351	ng/ul	90
26) Benzo(a)pyrene	23.771	252	21458	0.433	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.356	276	26354	0.379	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.380	278	21319	0.377	ng/ul#	91
29) Benzo(g,h,i)perylene	27.118	276	22602	0.377	ng/ul	95

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

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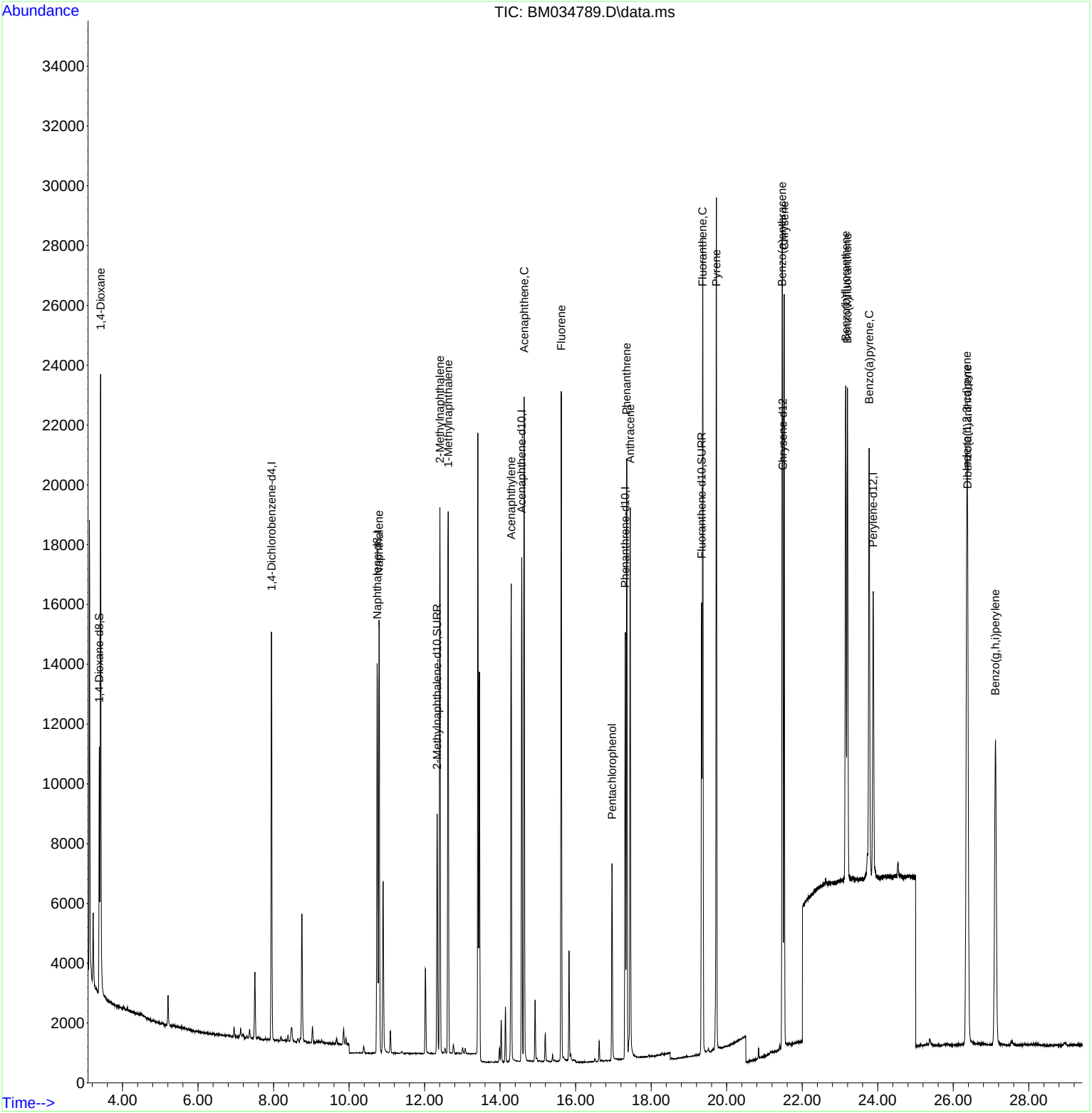
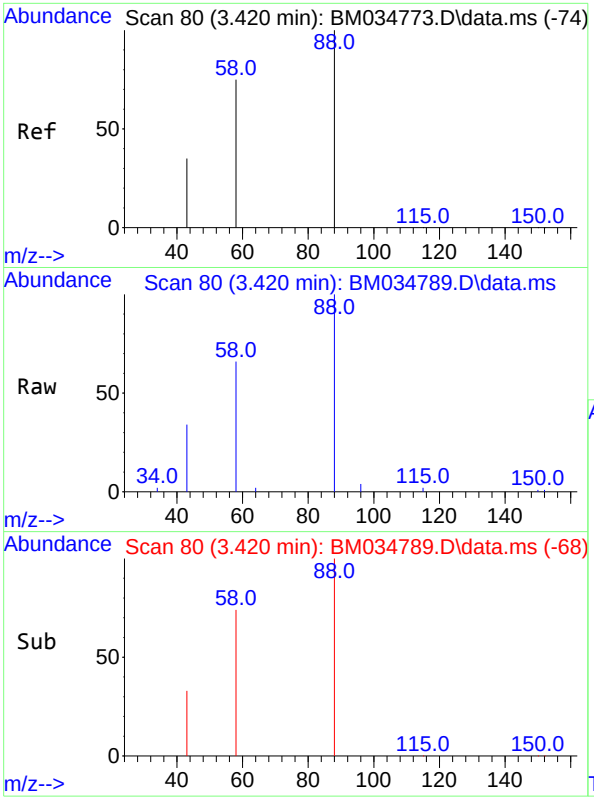


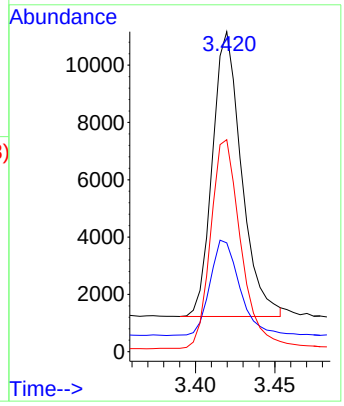


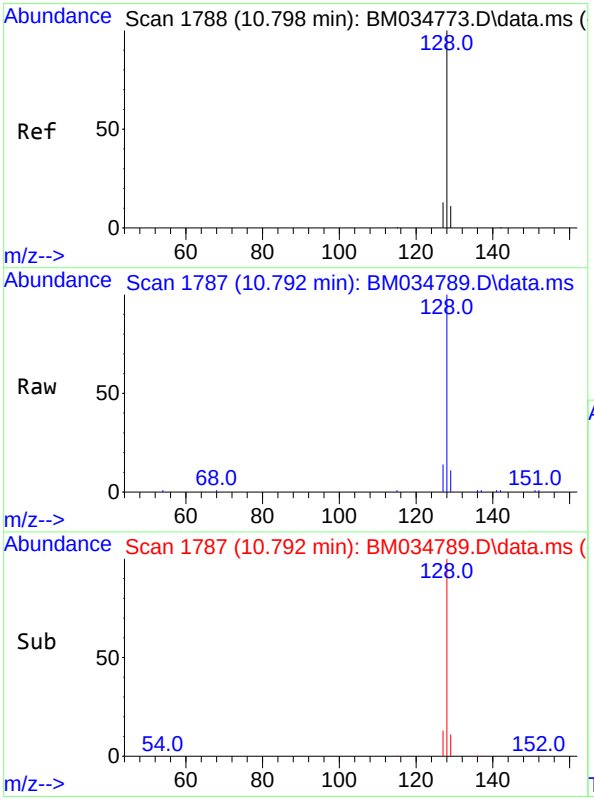
#2
1,4-Dioxane
Concen: 1.763 ng/ul
RT: 3.420 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM034789.D
Acq: 23 Apr 2022 04:00

Instrument :
BNA_M
ClientSampleId :
SLCS195

Tgt Ion: 88 Resp: 12674

Ion	Ratio	Lower	Upper
88	100		
43	34.0	49.7	74.5#
58	66.2	52.5	78.7

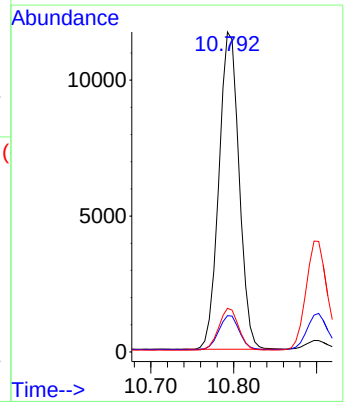


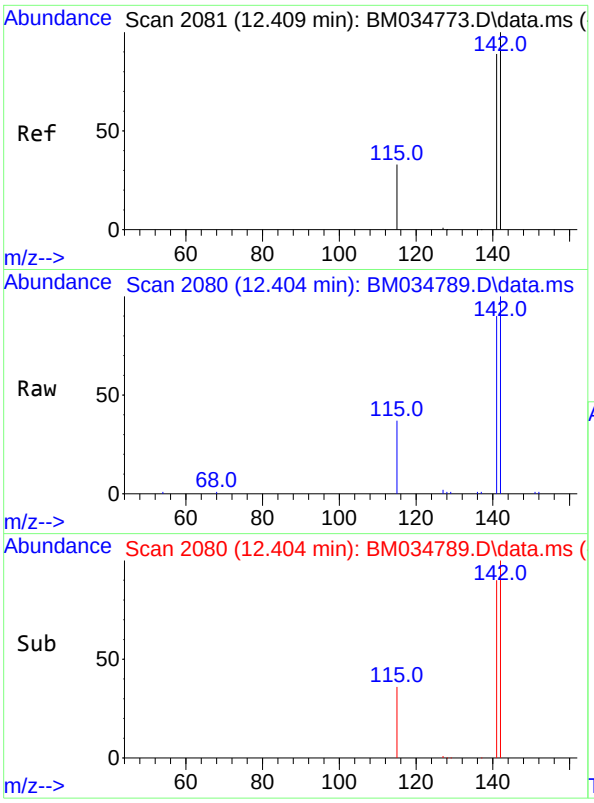


#5
Naphthalene
Concen: 0.389 ng/ul
RT: 10.792 min Scan# 1787
Delta R.T. -0.004 min
Lab File: BM034789.D
Acq: 23 Apr 2022 04:00

Tgt Ion:128 Resp: 19752

Ion	Ratio	Lower	Upper
128	100		
129	11.4	13.4	20.2#
127	13.6	15.2	22.8#



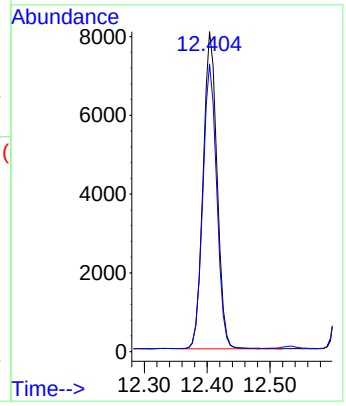


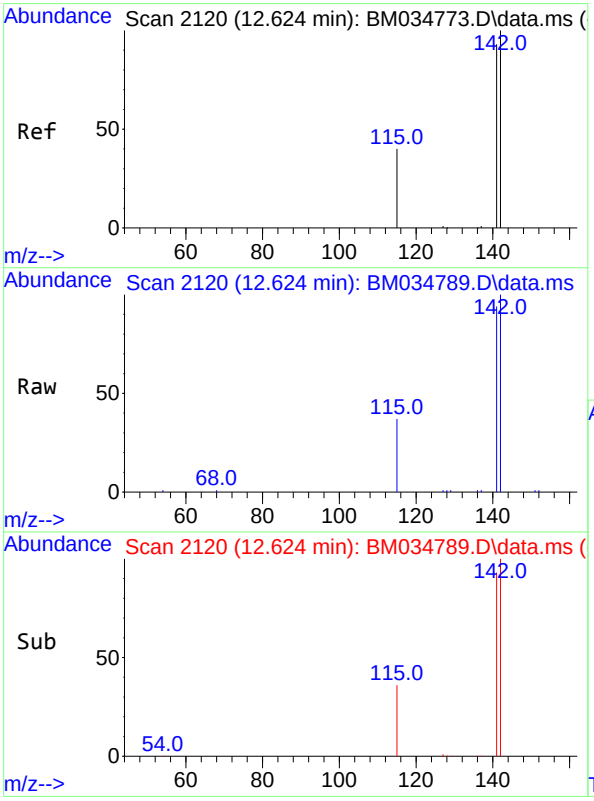
#7
2-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 12.404 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM034789.D
Acq: 23 Apr 2022 04:00

Instrument :
BNA_M
ClientSampleId :
SLCS195

Tgt Ion:142 Resp: 12370

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.8	107.6

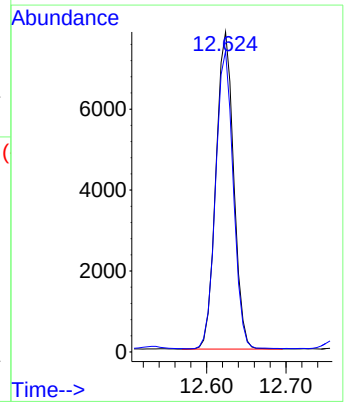


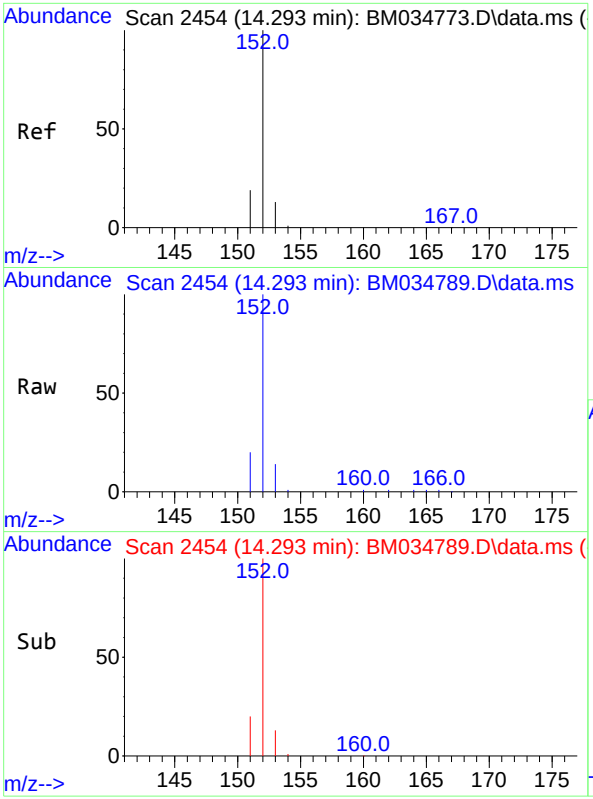


#8
1-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 12.624 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BM034789.D
Acq: 23 Apr 2022 04:00

Tgt Ion:142 Resp: 12161

Ion	Ratio	Lower	Upper
142	100		
141	93.5	75.0	112.4



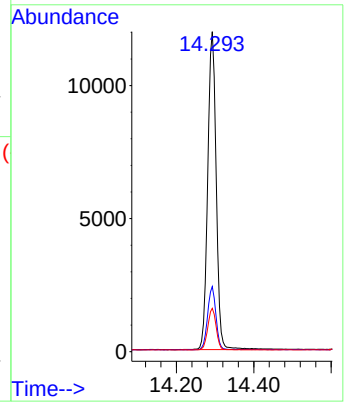


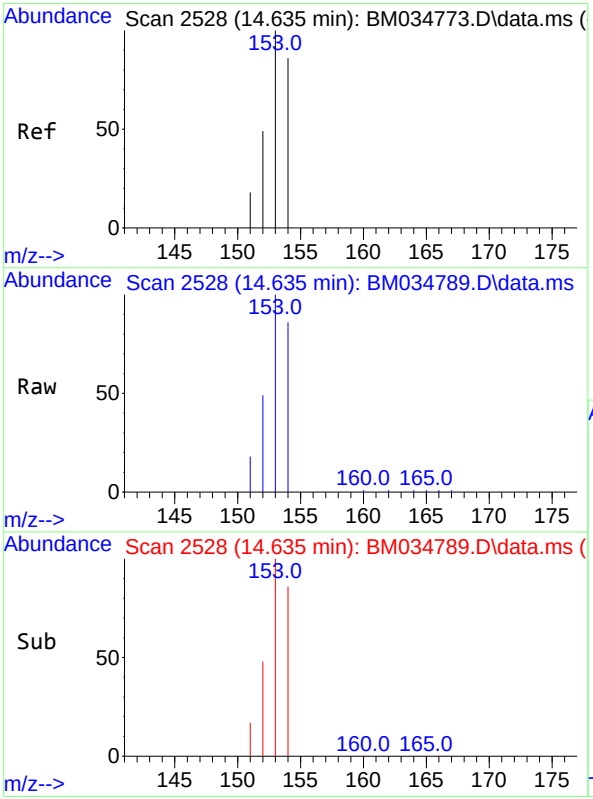
#10
Acenaphthylene
Concen: 0.460 ng/ul
RT: 14.293 min Scan# 24
Delta R.T. -0.003 min
Lab File: BM034789.D
Acq: 23 Apr 2022 04:00

Instrument :
BNA_M
ClientSampleId :
SLCS195

Tgt Ion:152 Resp: 18240

Ion	Ratio	Lower	Upper
152	100		
151	20.3	19.9	29.9
153	13.6	15.0	22.4#

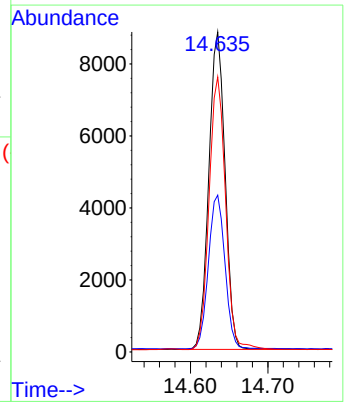


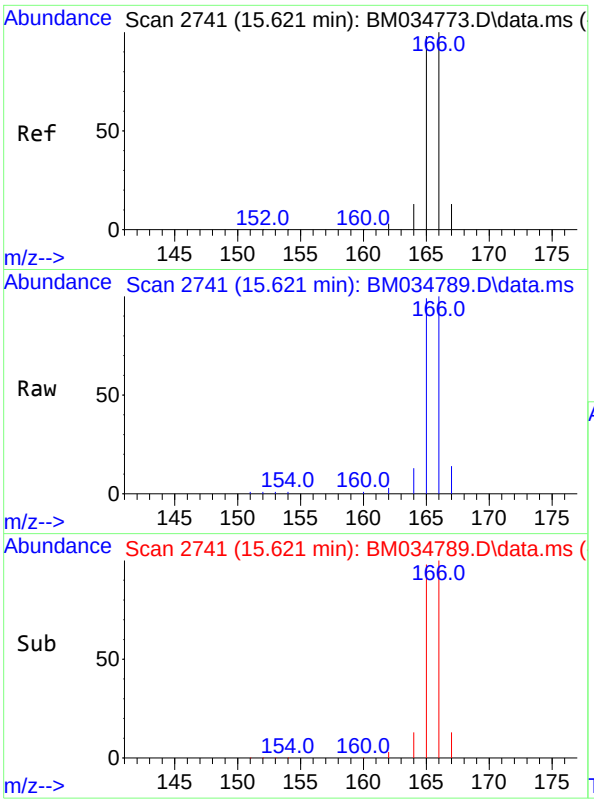


#11
Acenaphthene
Concen: 0.383 ng/ul
RT: 14.635 min Scan# 2528
Delta R.T. -0.003 min
Lab File: BM034789.D
Acq: 23 Apr 2022 04:00

Tgt Ion:153 Resp: 12857

Ion	Ratio	Lower	Upper
153	100		
152	49.0	42.4	63.6
154	85.9	66.2	99.2



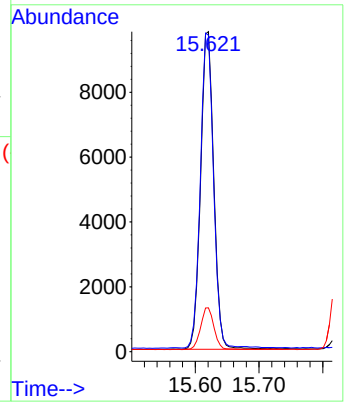


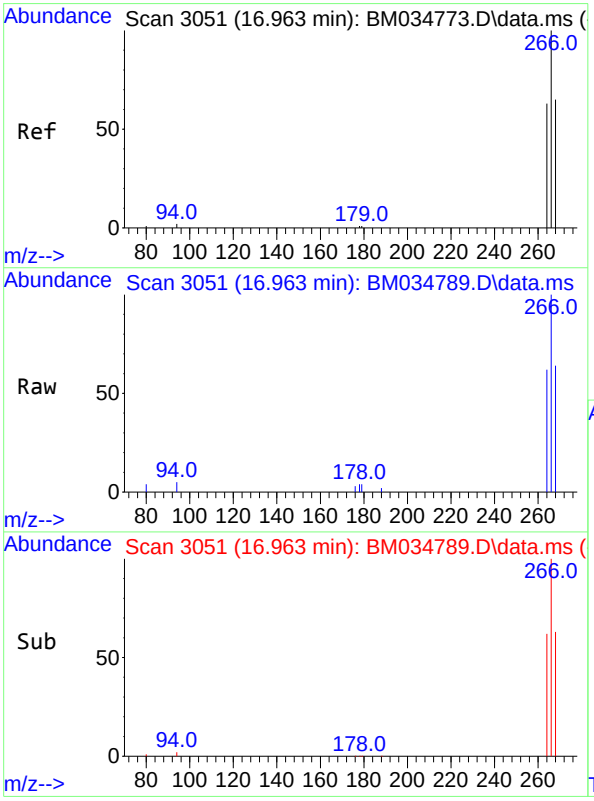
#12
Fluorene
Concen: 0.372 ng/ul
RT: 15.621 min Scan# 2
Delta R.T. 0.001 min
Lab File: BM034789.D
Acq: 23 Apr 2022 04:00

Instrument :
BNA_M
ClientSampleId :
SLCS195

Tgt Ion:166 Resp: 14056

Ion	Ratio	Lower	Upper
166	100		
165	98.9	81.1	121.7
167	13.7	14.9	22.3#

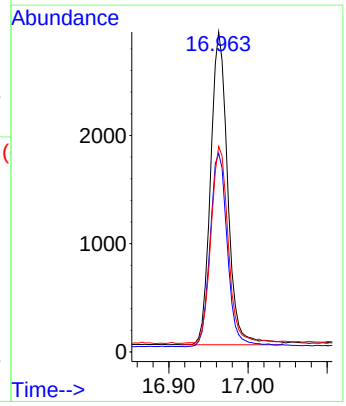


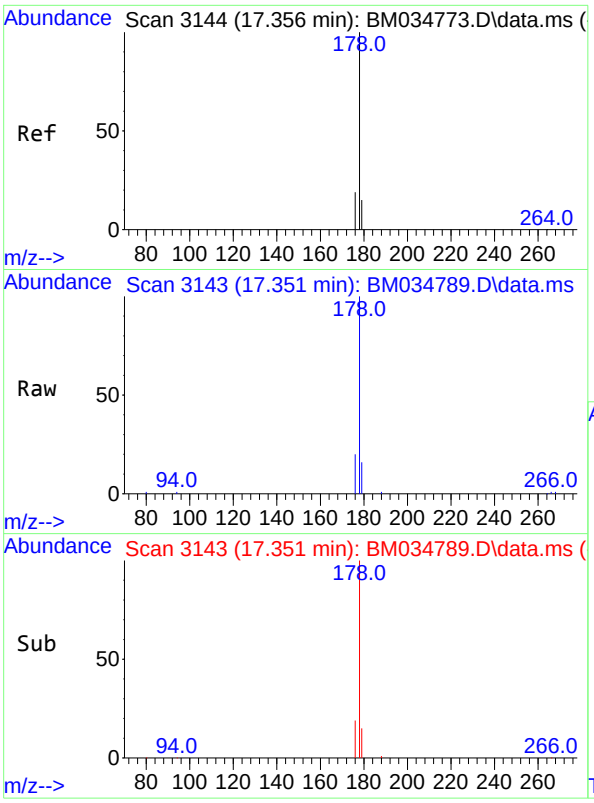


#14
Pentachlorophenol
Concen: 0.870 ng/ul
RT: 16.963 min Scan# 3051
Delta R.T. 0.001 min
Lab File: BM034789.D
Acq: 23 Apr 2022 04:00

Tgt Ion:266 Resp: 4329

Ion	Ratio	Lower	Upper
266	100		
264	63.0	51.4	77.0
268	64.0	53.1	79.7



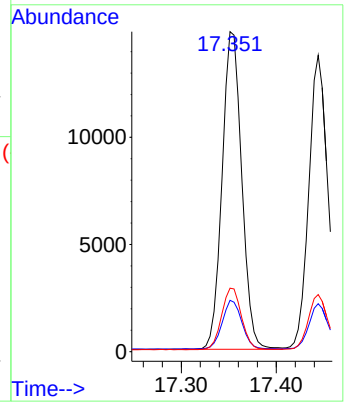


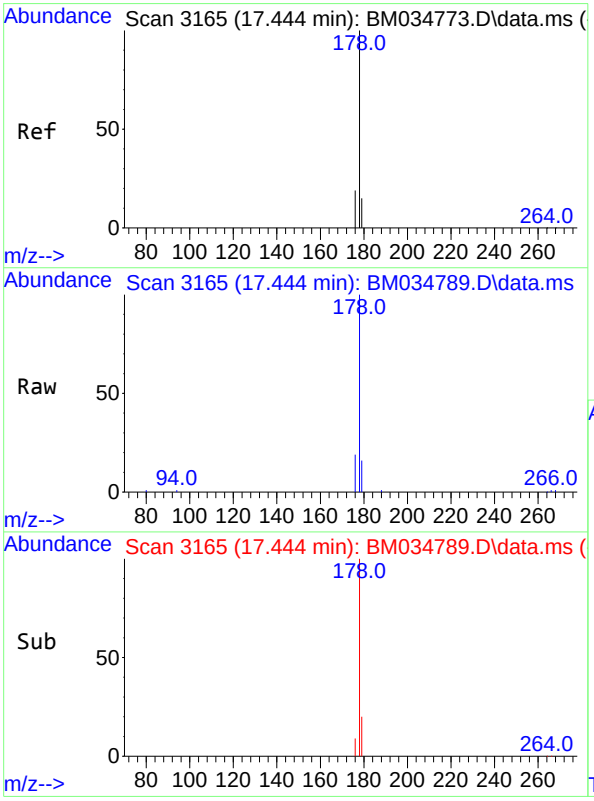
#15
Phenanthrene
Concen: 0.385 ng/ul
RT: 17.351 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM034789.D
Acq: 23 Apr 2022 04:00

Instrument :
BNA_M
ClientSampleId :
SLCS195

Tgt Ion:178 Resp: 21360

Ion	Ratio	Lower	Upper
178	100		
179	16.0	15.0	22.6
176	19.9	17.9	26.9

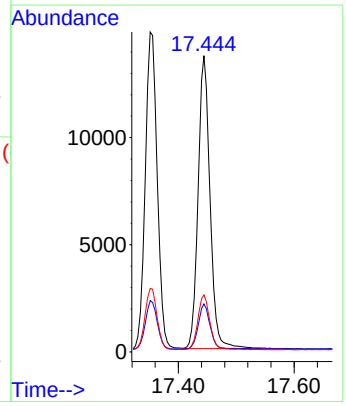


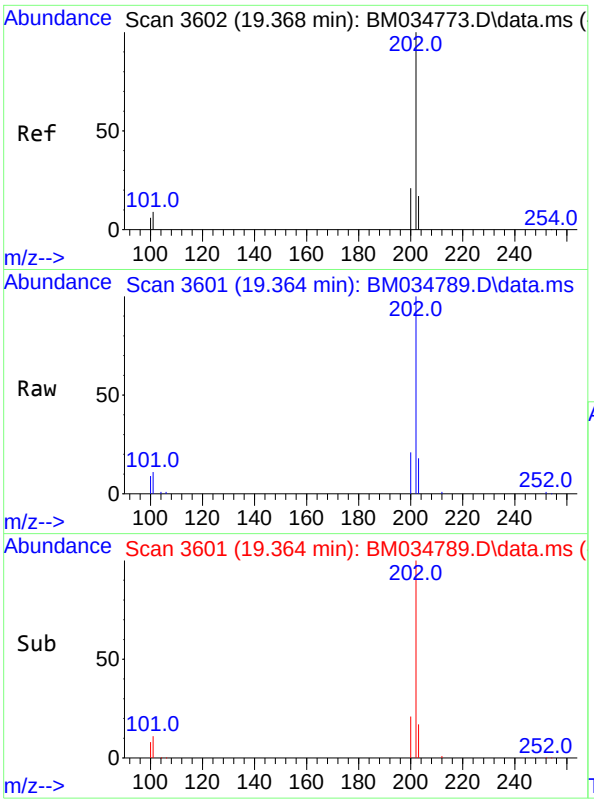


#16
Anthracene
Concen: 0.395 ng/ul
RT: 17.444 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BM034789.D
Acq: 23 Apr 2022 04:00

Tgt Ion:178 Resp: 19533

Ion	Ratio	Lower	Upper
178	100		
179	16.2	16.5	24.7#
176	19.3	18.3	27.5



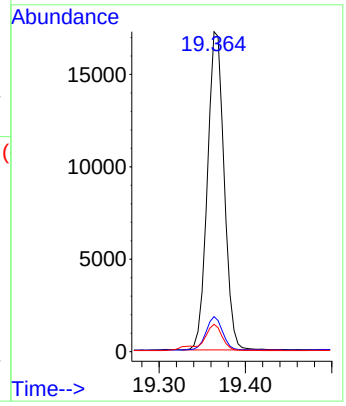


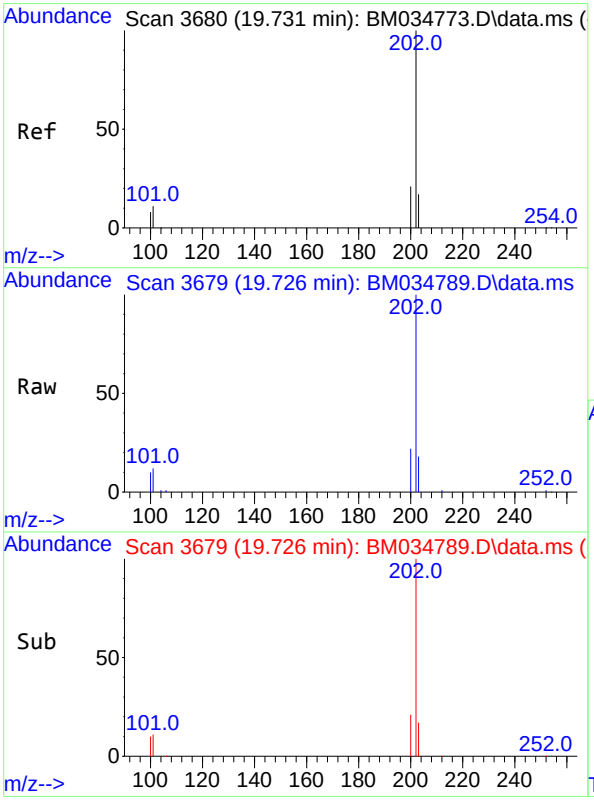
#19
Fluoranthene
Concen: 0.390 ng/ul
RT: 19.364 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM034789.D
Acq: 23 Apr 2022 04:00

Instrument :
BNA_M
ClientSampleId :
SLCS195

Tgt Ion:202 Resp: 23205

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.2	13.8
100	8.5	7.2	10.8

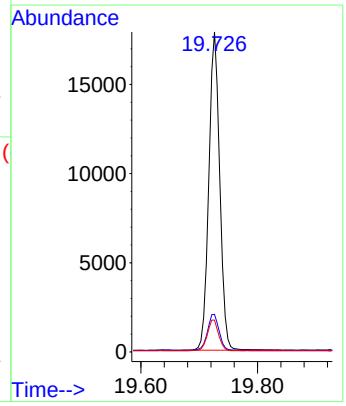


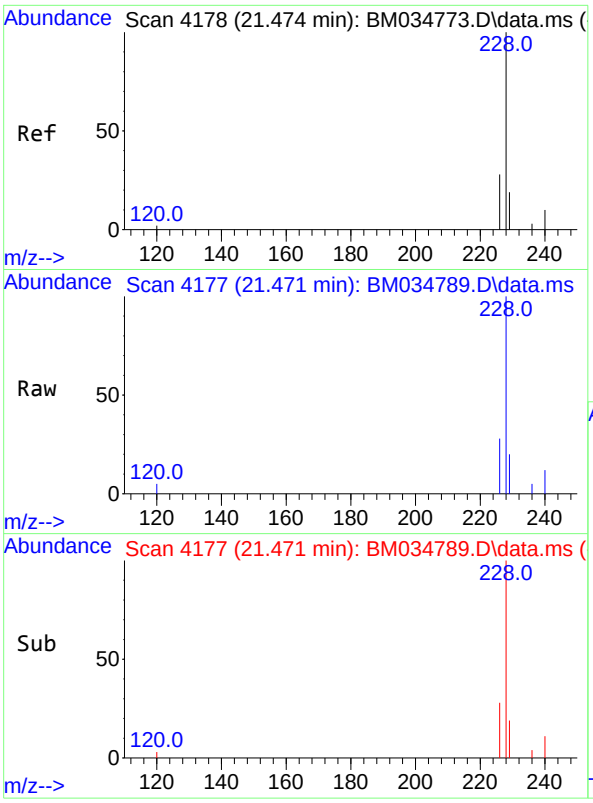


#20
Pyrene
Concen: 0.391 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. -0.003 min
Lab File: BM034789.D
Acq: 23 Apr 2022 04:00

Tgt Ion:202 Resp: 23355

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.3	13.9
100	10.0	7.8	11.6



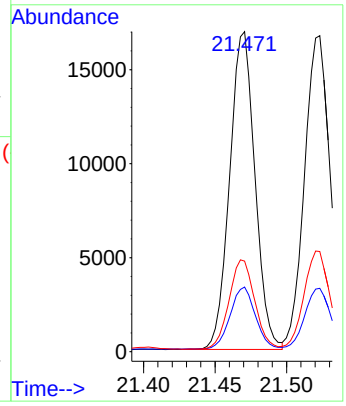


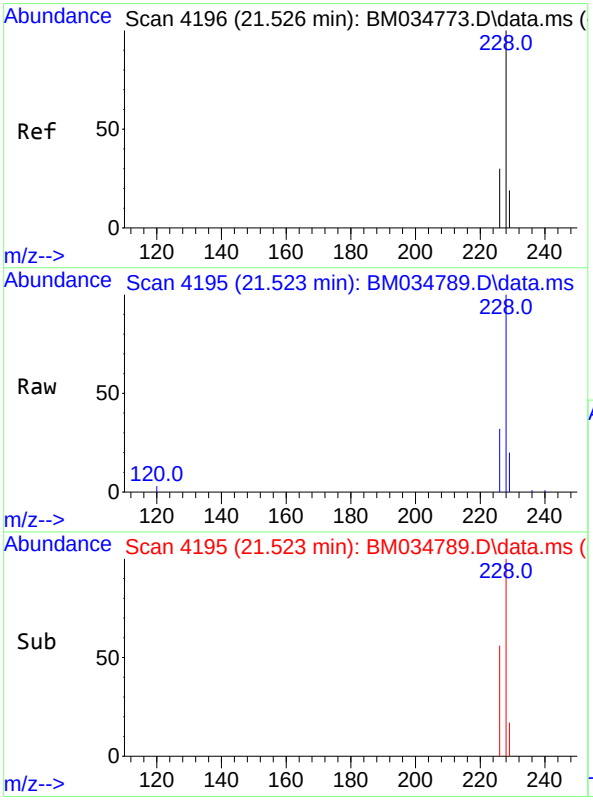
#21
Benzo(a)anthracene
Concen: 0.432 ng/ul
RT: 21.471 min Scan# 4
Delta R.T. -0.001 min
Lab File: BM034789.D
Acq: 23 Apr 2022 04:00

Instrument :
BNA_M
ClientSampleId :
SLCS195

Tgt Ion:228 Resp: 20800

Ion	Ratio	Lower	Upper
228	100		
229	20.2	17.3	25.9
226	28.3	23.2	34.8

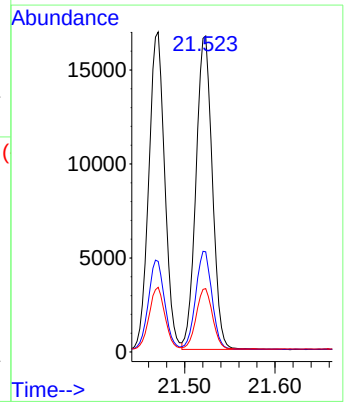


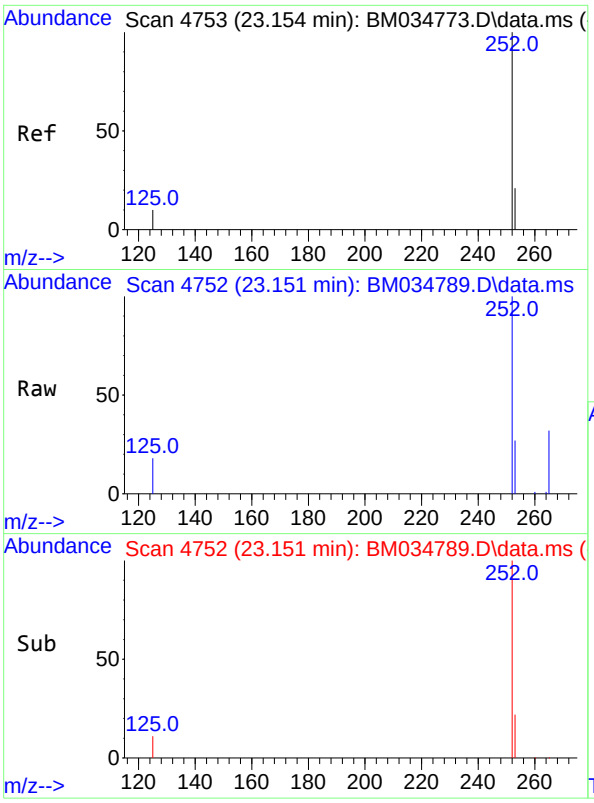


#22
Chrysene
Concen: 0.406 ng/ul
RT: 21.523 min Scan# 4195
Delta R.T. -0.001 min
Lab File: BM034789.D
Acq: 23 Apr 2022 04:00

Tgt Ion:228 Resp: 20862

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.8	38.8
229	20.1	16.7	25.1



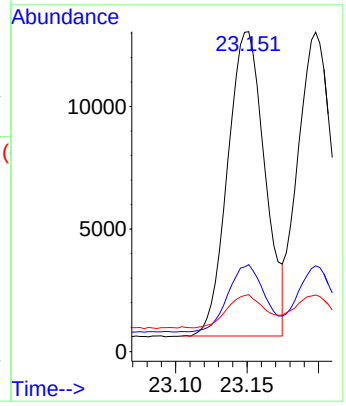


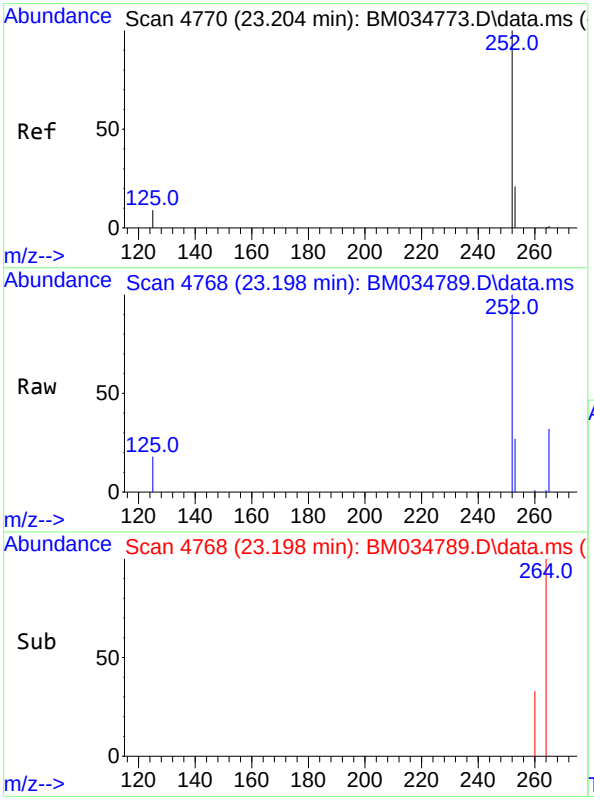
#24
Benzo(b)fluoranthene
Concen: 0.370 ng/ul
RT: 23.151 min Scan# 4
Delta R.T. -0.001 min
Lab File: BM034789.D
Acq: 23 Apr 2022 04:00

Instrument :
BNA_M
ClientSampleId :
SLCS195

Tgt Ion:252 Resp: 22473

Ion	Ratio	Lower	Upper
252	100		
253	27.2	0.0	64.2
125	17.8	0.0	28.8

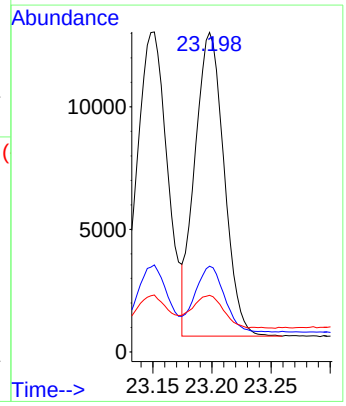


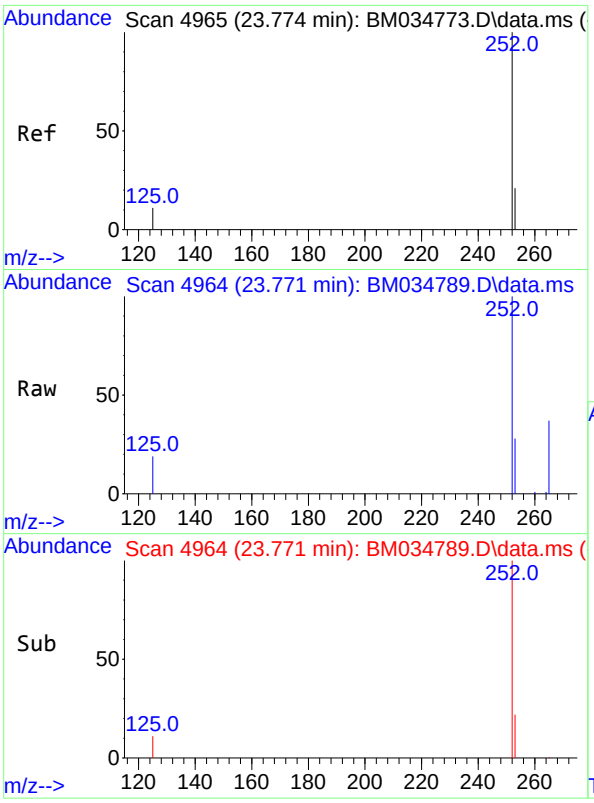


#25
Benzo(k)fluoranthene
Concen: 0.351 ng/ul
RT: 23.198 min Scan# 4768
Delta R.T. -0.004 min
Lab File: BM034789.D
Acq: 23 Apr 2022 04:00

Tgt Ion:252 Resp: 21279

Ion	Ratio	Lower	Upper
252	100		
253	26.8	26.8	40.2
125	17.7	12.0	18.0



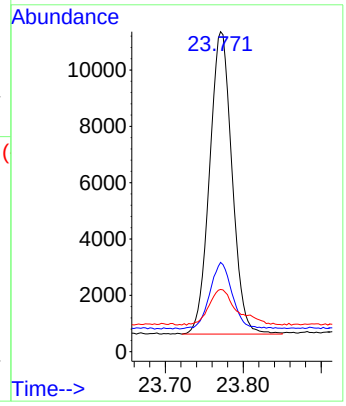


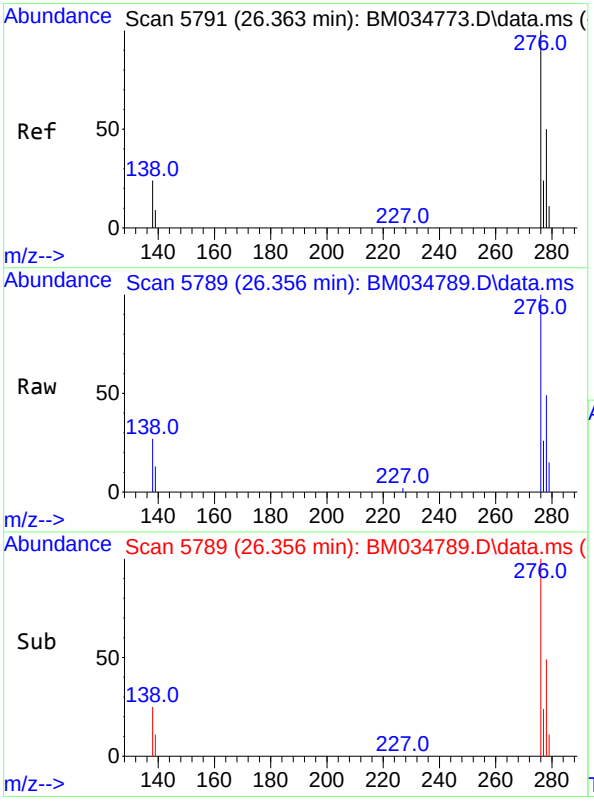
#26
Benzo(a)pyrene
Concen: 0.433 ng/ul
RT: 23.771 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM034789.D
Acq: 23 Apr 2022 04:00

Instrument :
BNA_M
ClientSampleId :
SLCS195

Tgt Ion:252 Resp: 21458

Ion	Ratio	Lower	Upper
252	100		
253	27.9	32.0	48.0#
125	19.5	14.5	21.7

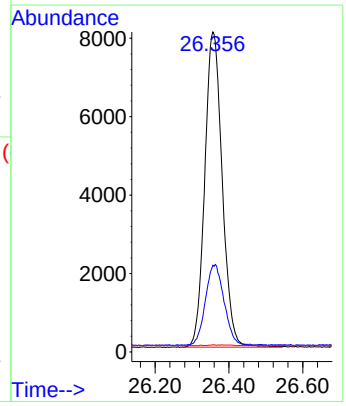


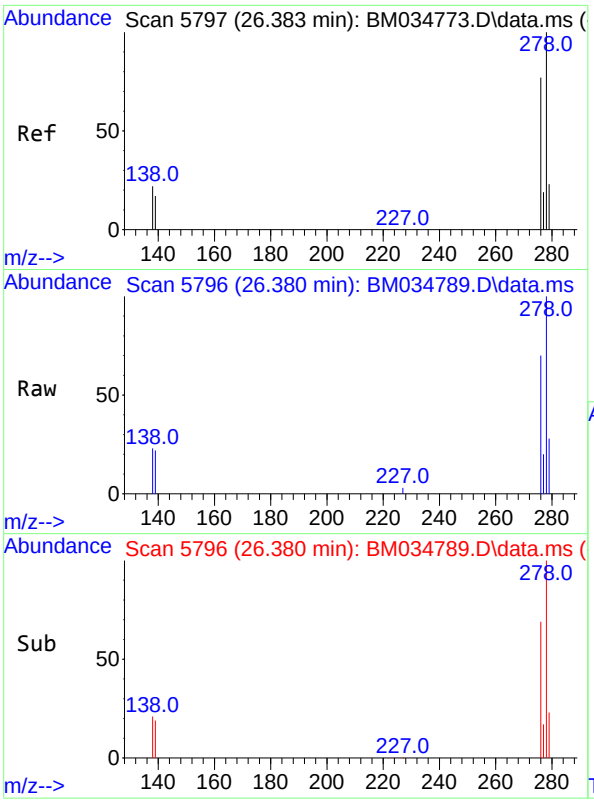


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.379 ng/ul
RT: 26.356 min Scan# 5789
Delta R.T. -0.005 min
Lab File: BM034789.D
Acq: 23 Apr 2022 04:00

Tgt Ion:276 Resp: 26354

Ion	Ratio	Lower	Upper
276	100		
138	27.2	15.8	23.6#
227	0.1	0.0	0.0#



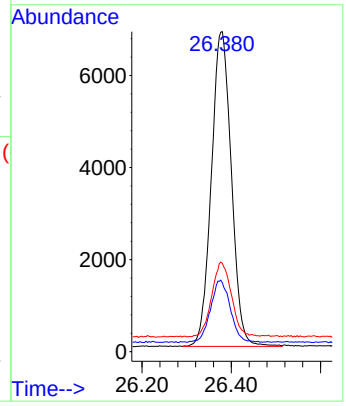


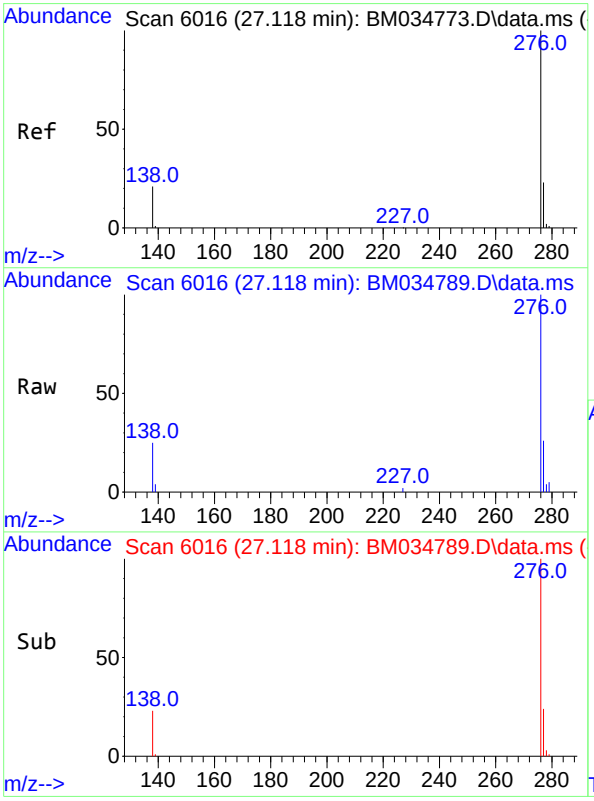
#28
Dibenzo(a,h)anthracene
Concen: 0.377 ng/ul
RT: 26.380 min Scan# 5
Delta R.T. -0.005 min
Lab File: BM034789.D
Acq: 23 Apr 2022 04:00

Instrument :
BNA_M
ClientSampleId :
SLCS195

Tgt Ion:278 Resp: 21319

Ion	Ratio	Lower	Upper
278	100		
139	21.6	18.0	27.0
279	27.6	28.6	42.8#





#29
Benzo(g,h,i)perylene
Concen: 0.377 ng/ul
RT: 27.118 min Scan# 6016
Delta R.T. -0.001 min
Lab File: BM034789.D
Acq: 23 Apr 2022 04:00

Tgt Ion:276 Resp: 22602

Ion	Ratio	Lower	Upper
276	100		
138	24.7	17.4	26.0
277	25.9	22.6	33.8