Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
Data File : BM034790.D
Acq On : 23 Apr 2022 04:36
Operator : CG/JU
Sample : PB144176BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS176

Quant Time: Apr 23 05:21:37 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	7457	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	19374	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.575	164	9732	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	17179	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.485	240	12107	0.400	ng/ul	# 0.00
23) Perylene-d12	23.879	264	12884	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	4904	0.595	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	9943	0.365	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	14858	0.389	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.420	88	11797	1.503	ng/ul#	82
5) Naphthalene	10.793	128	19323	0.349	ng/ul#	88
7) 2-Methylnaphthalene	12.404	142	11982	0.326	ng/ul	100
8) 1-Methylnaphthalene	12.624	142	11756	0.325	ng/ul	99
10) Acenaphthylene	14.293	152	16916	0.398	ng/ul#	90
11) Acenaphthene	14.635	153	12103	0.336	ng/ul	95
12) Fluorene	15.621	166	12770	0.315	ng/ul#	97
14) Pentachlorophenol	16.963	266	3737	0.733	ng/ul	97
15) Phenanthrene	17.351	178	19067	0.336	ng/ul	95
16) Anthracene	17.444	178	17199	0.340	ng/ul#	92
19) Fluoranthene	19.368	202	20471	0.352	ng/ul	96
20) Pyrene	19.726	202	20542	0.352	ng/ul	99
21) Benzo(a)anthracene	21.471	228	18561	0.394	ng/ul	98
22) Chrysene	21.523	228	18848	0.375	ng/ul	98
24) Benzo(b)fluoranthene	23.151	252	20183	0.343	ng/ul	91
25) Benzo(k)fluoranthene	23.198	252	19541	0.332	ng/ul#	90
26) Benzo(a)pyrene	23.771	252	19522	0.407	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.360	276	23899	0.355	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.380	278	19321	0.352	ng/ul#	90
29) Benzo(g,h,i)perylene	27.118	276	20608	0.354	ng/ul	94

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

Quantitation Report (QT Reviewed)

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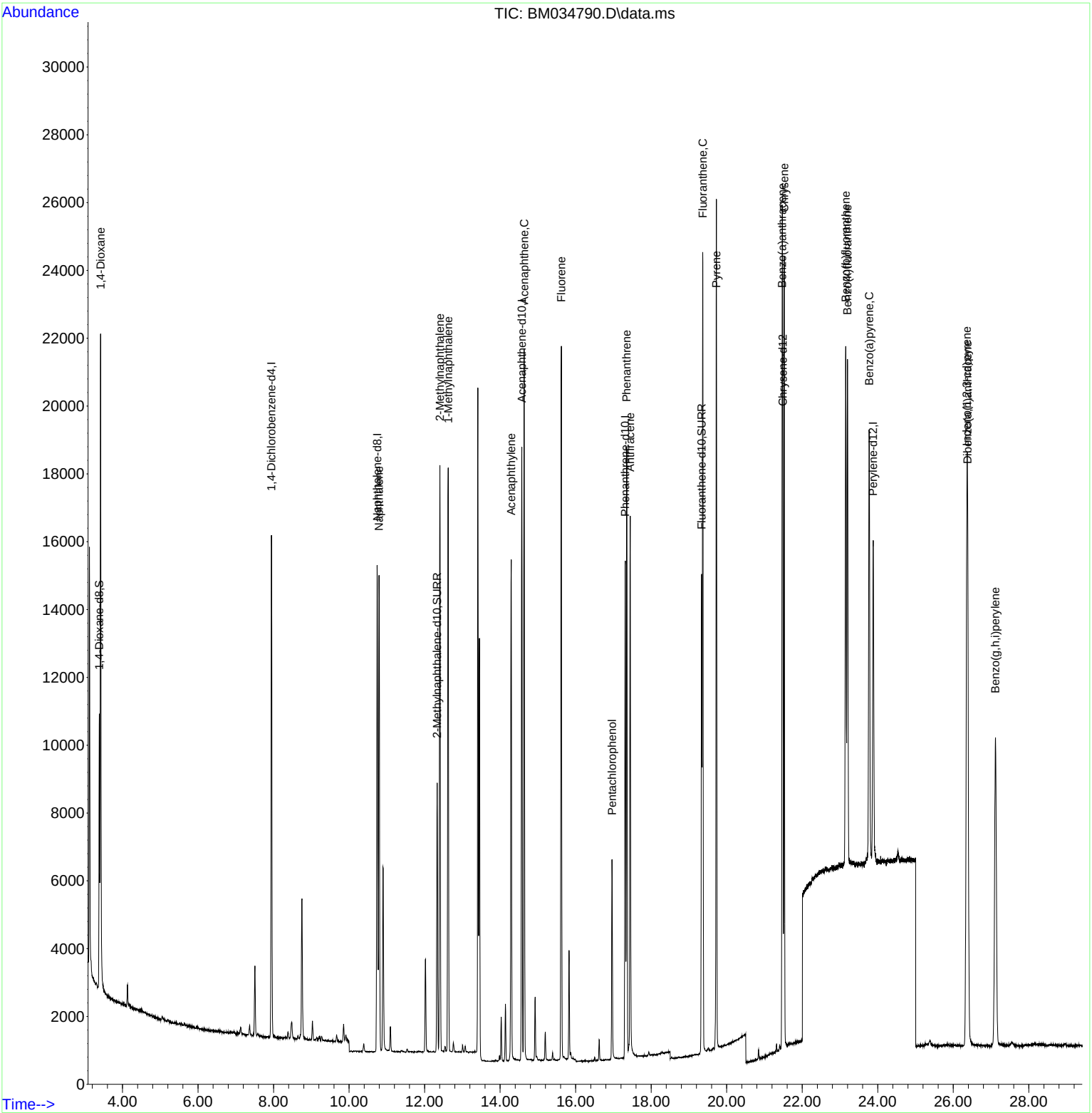
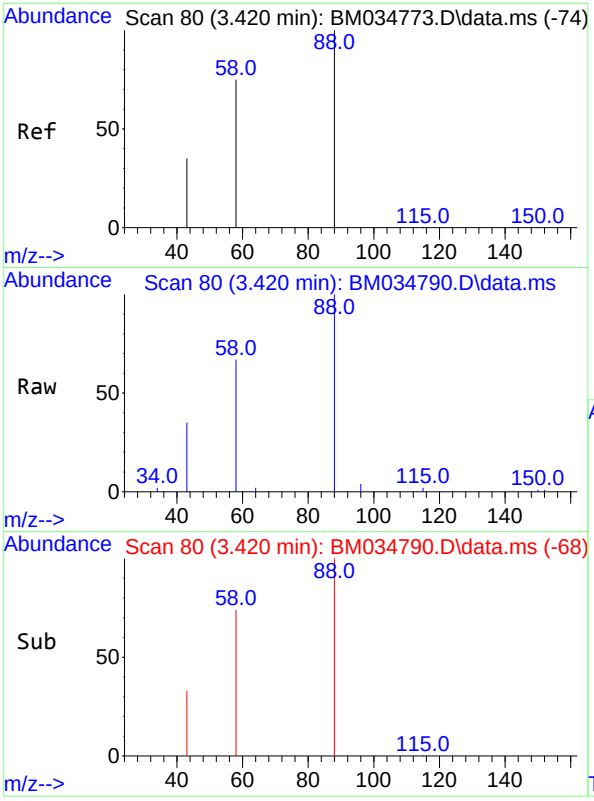
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration



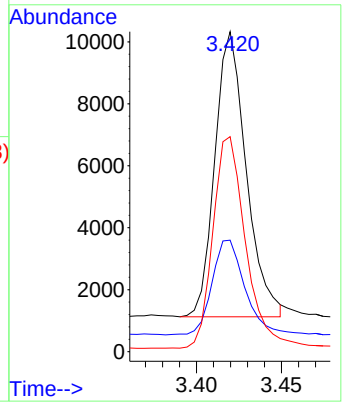


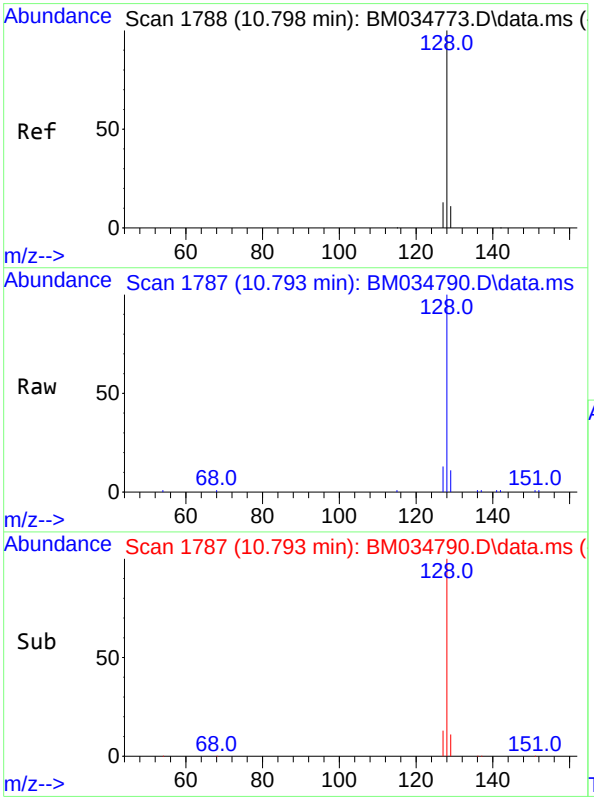
#2
1,4-Dioxane
Concen: 1.503 ng/ul
RT: 3.420 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM034790.D
Acq: 23 Apr 2022 04:36

Instrument :
BNA_M
ClientSampleId :
SLCS176

Tgt Ion: 88 Resp: 11797

Ion	Ratio	Lower	Upper
88	100		
43	34.8	49.7	74.5#
58	67.2	52.5	78.7

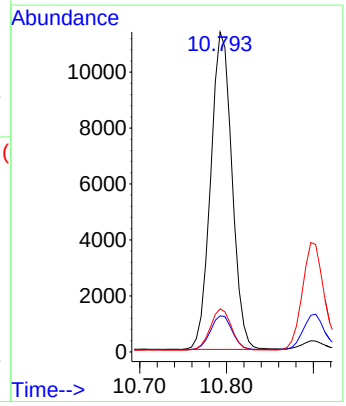


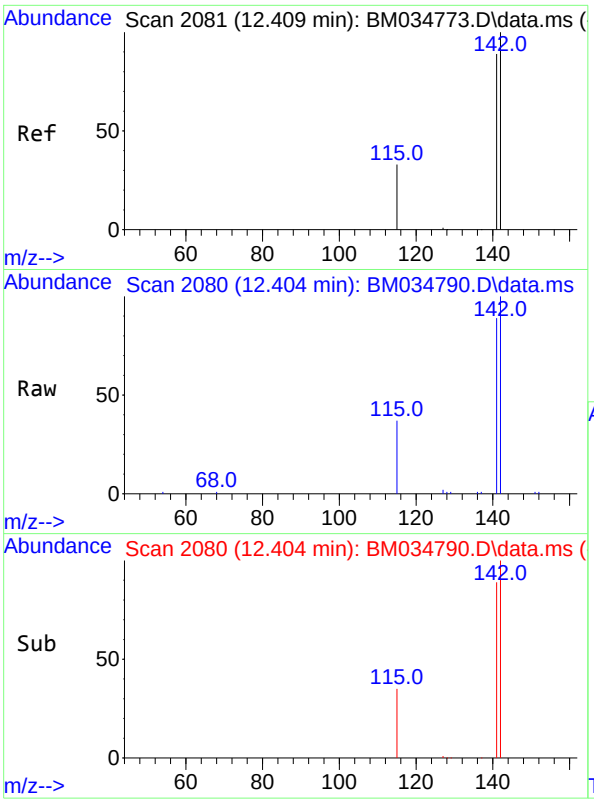


#5
Naphthalene
Concen: 0.349 ng/ul
RT: 10.793 min Scan# 1787
Delta R.T. -0.004 min
Lab File: BM034790.D
Acq: 23 Apr 2022 04:36

Tgt Ion:128 Resp: 19323

Ion	Ratio	Lower	Upper
128	100		
129	11.3	13.4	20.2#
127	13.5	15.2	22.8#



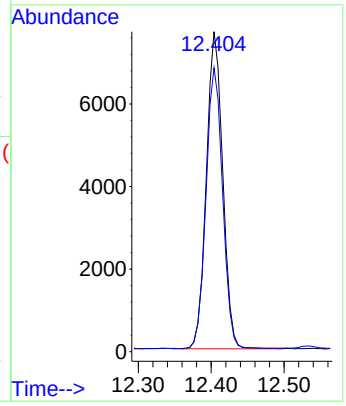


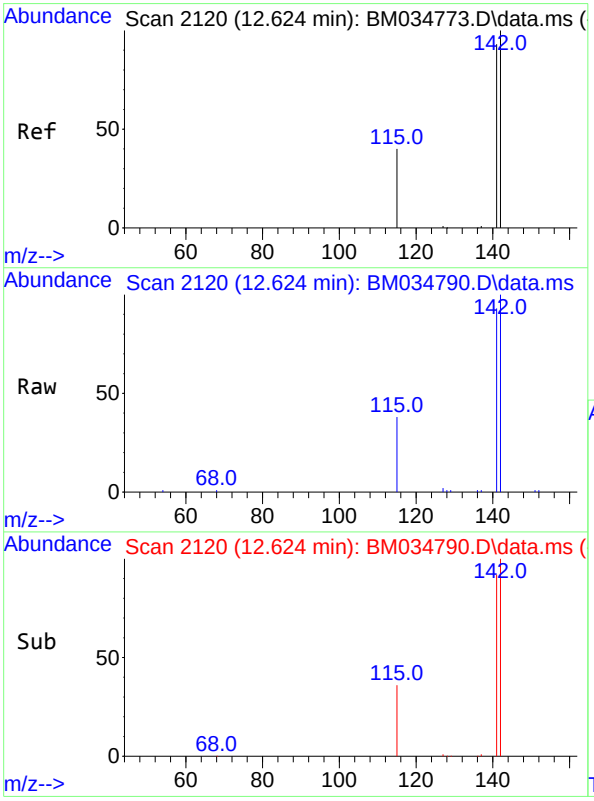
#7
2-Methylnaphthalene
Concen: 0.326 ng/ul
RT: 12.404 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM034790.D
Acq: 23 Apr 2022 04:36

Instrument :
BNA_M
ClientSampleId :
SLCS176

Tgt Ion:142 Resp: 11982

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.8	107.6

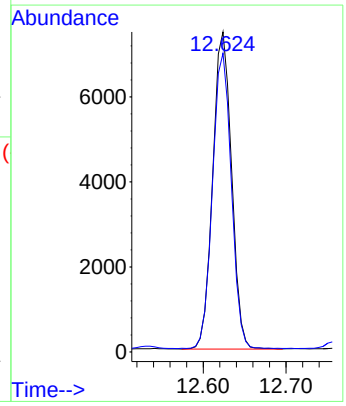


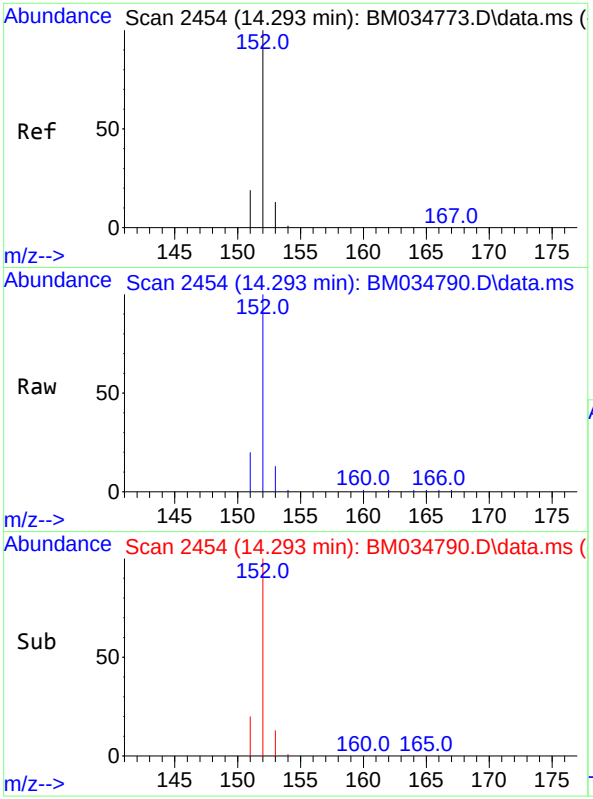


#8
1-Methylnaphthalene
Concen: 0.325 ng/ul
RT: 12.624 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BM034790.D
Acq: 23 Apr 2022 04:36

Tgt Ion:142 Resp: 11756

Ion	Ratio	Lower	Upper
142	100		
141	93.2	75.0	112.4



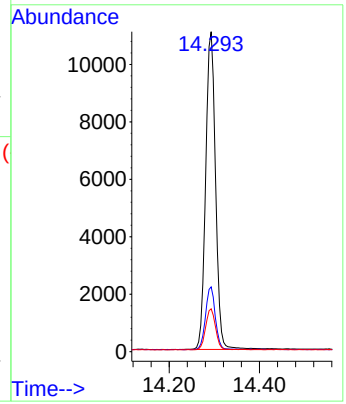


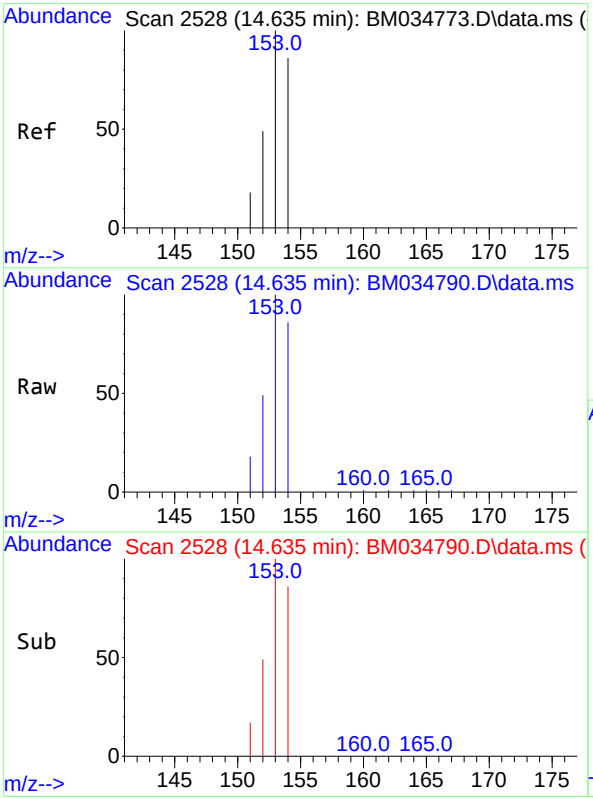
#10
Acenaphthylene
Concen: 0.398 ng/ul
RT: 14.293 min Scan# 24
Delta R.T. -0.003 min
Lab File: BM034790.D
Acq: 23 Apr 2022 04:36

Instrument :
BNA_M
ClientSampleId :
SLCS176

Tgt Ion:152 Resp: 16916

Ion	Ratio	Lower	Upper
152	100		
151	20.3	19.9	29.9
153	13.4	15.0	22.4#

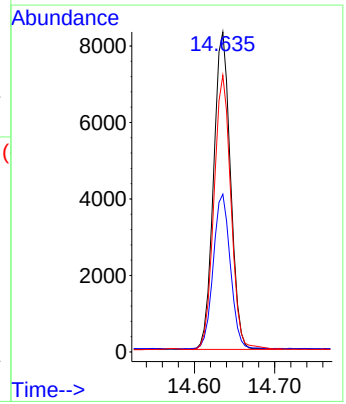


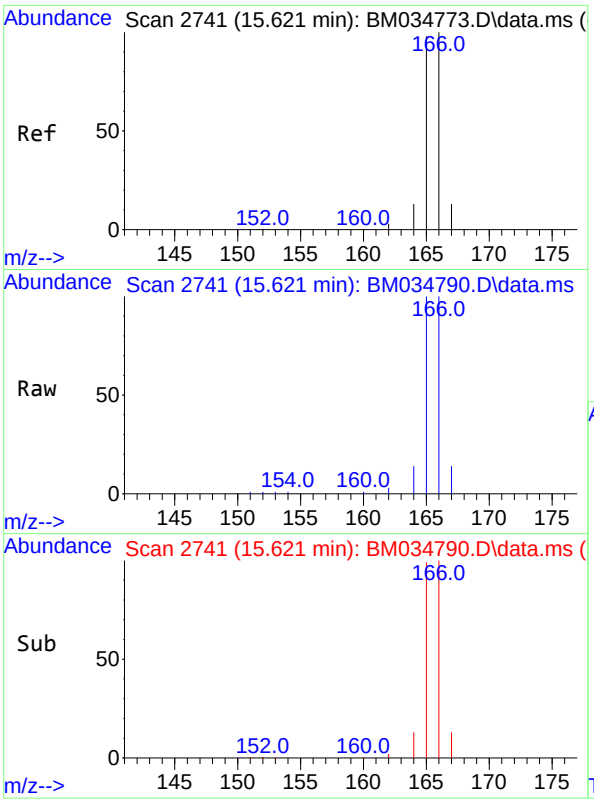


#11
Acenaphthene
Concen: 0.336 ng/ul
RT: 14.635 min Scan# 2528
Delta R.T. -0.003 min
Lab File: BM034790.D
Acq: 23 Apr 2022 04:36

Tgt Ion:153 Resp: 12103

Ion	Ratio	Lower	Upper
153	100		
152	49.3	42.4	63.6
154	86.5	66.2	99.2



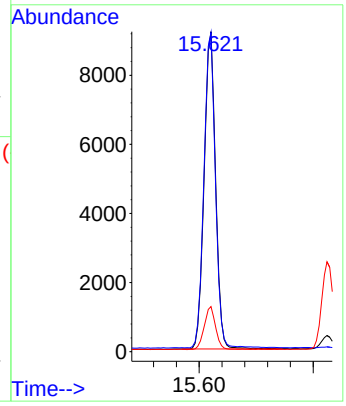


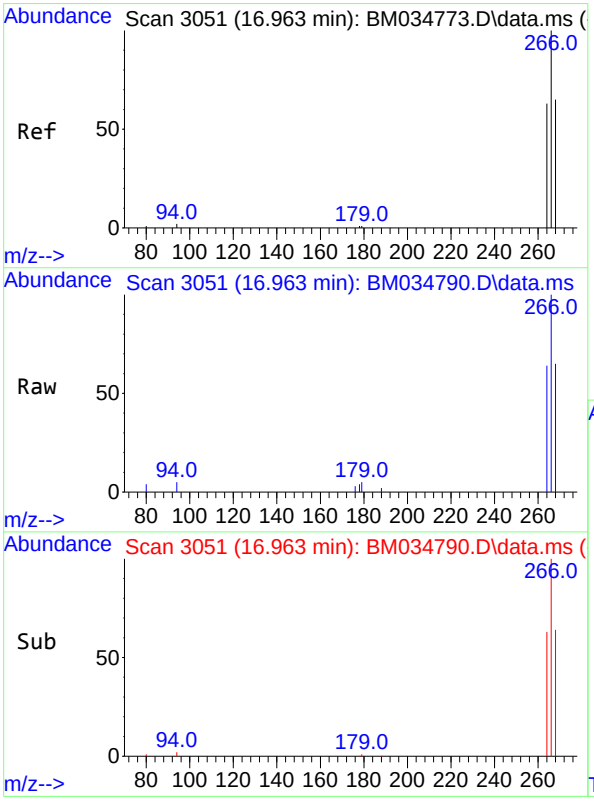
#12
Fluorene
Concen: 0.315 ng/ul
RT: 15.621 min Scan# 2
Delta R.T. 0.001 min
Lab File: BM034790.D
Acq: 23 Apr 2022 04:36

Instrument :
BNA_M
ClientSampleId :
SLCS176

Tgt Ion:166 Resp: 12770

Ion	Ratio	Lower	Upper
166	100		
165	99.7	81.1	121.7
167	14.1	14.9	22.3#

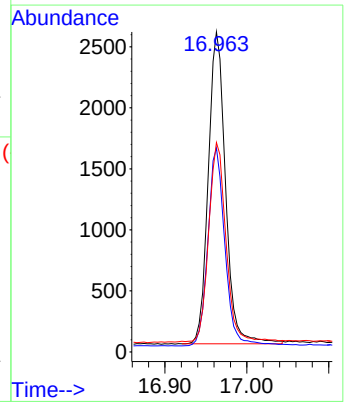


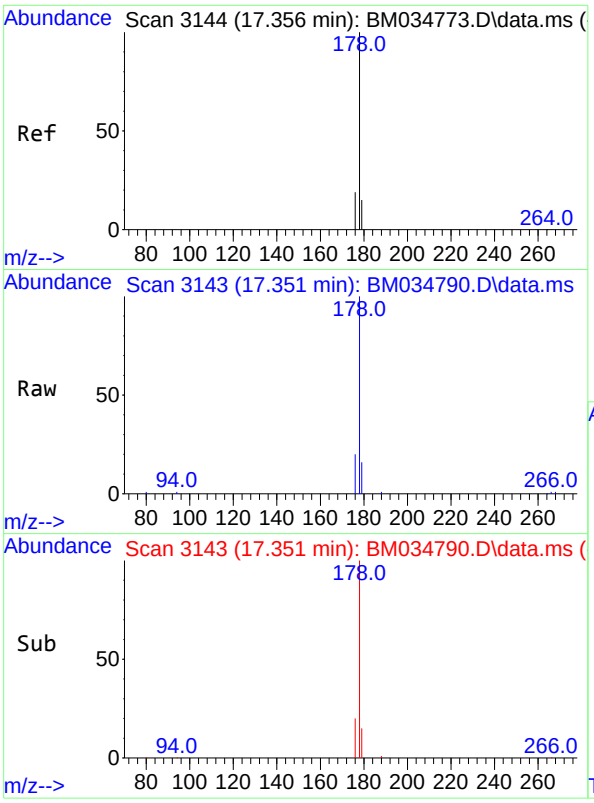


#14
Pentachlorophenol
Concen: 0.733 ng/ul
RT: 16.963 min Scan# 3051
Delta R.T. 0.001 min
Lab File: BM034790.D
Acq: 23 Apr 2022 04:36

Tgt Ion:266 Resp: 3737

Ion	Ratio	Lower	Upper
266	100		
264	62.5	51.4	77.0
268	63.6	53.1	79.7



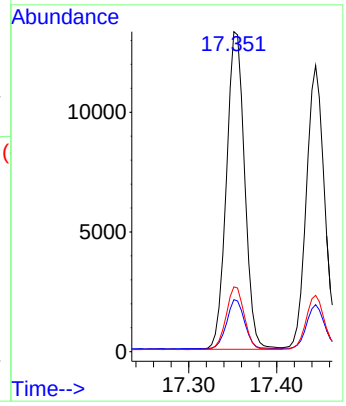


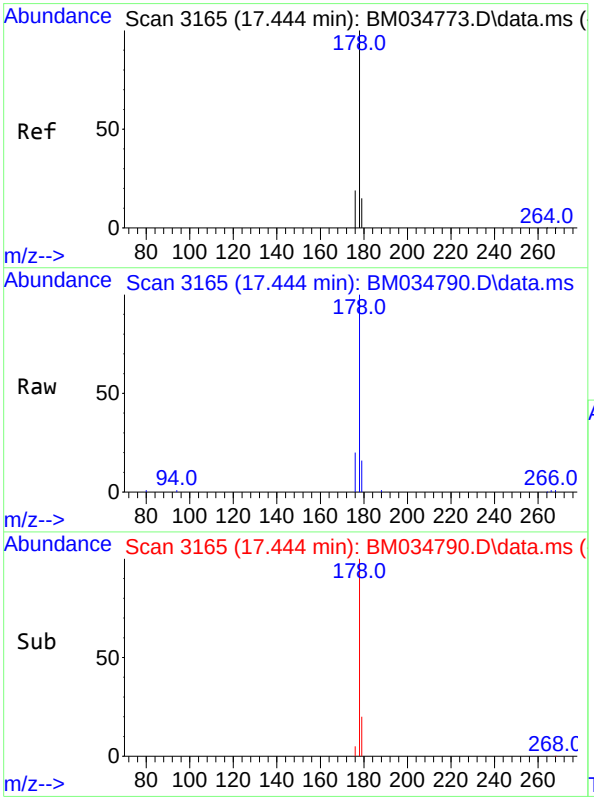
#15
Phenanthrene
Concen: 0.336 ng/ul
RT: 17.351 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM034790.D
Acq: 23 Apr 2022 04:36

Instrument :
BNA_M
ClientSampleId :
SLCS176

Tgt Ion:178 Resp: 19067

Ion	Ratio	Lower	Upper
178	100		
179	16.3	15.0	22.6
176	20.3	17.9	26.9

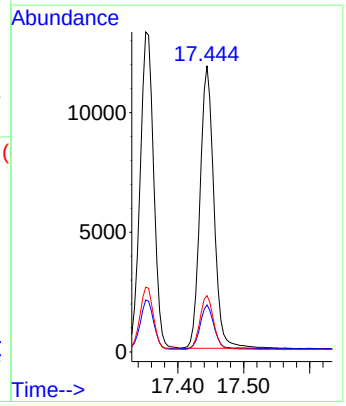


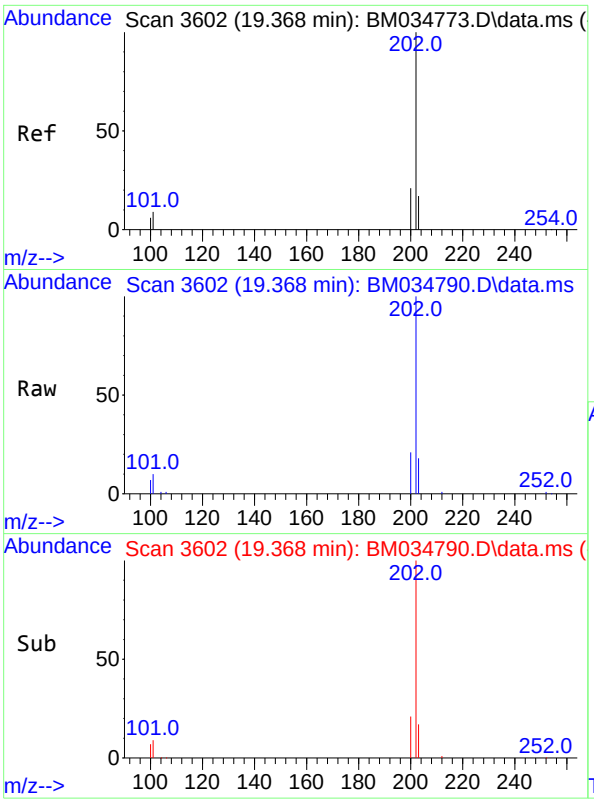


#16
Anthracene
Concen: 0.340 ng/ul
RT: 17.444 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BM034790.D
Acq: 23 Apr 2022 04:36

Tgt Ion:178 Resp: 17199

Ion	Ratio	Lower	Upper
178	100		
179	16.4	16.5	24.7#
176	19.7	18.3	27.5



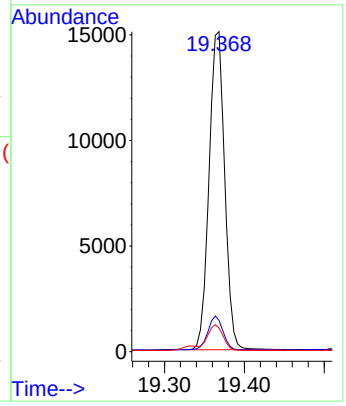


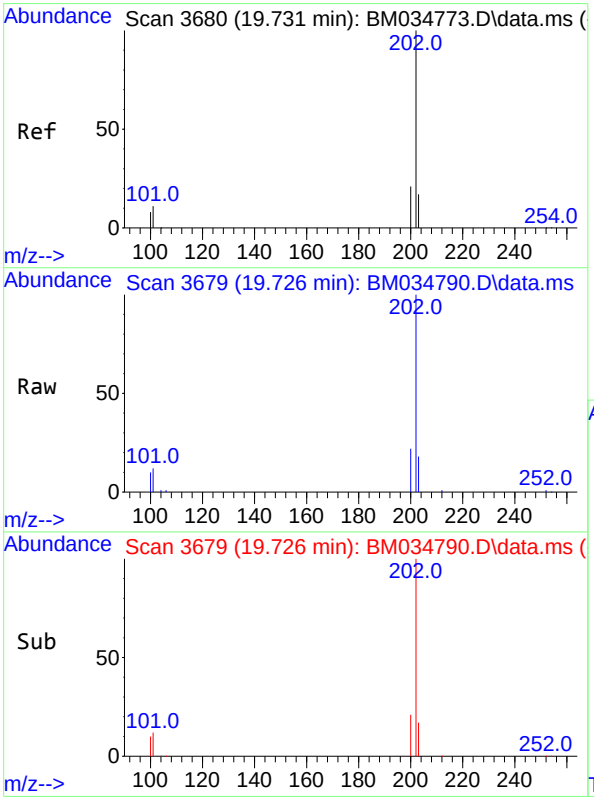
#19
Fluoranthene
Concen: 0.352 ng/ul
RT: 19.368 min Scan# 3
Delta R.T. 0.002 min
Lab File: BM034790.D
Acq: 23 Apr 2022 04:36

Instrument :
BNA_M
ClientSampleId :
SLCS176

Tgt Ion:202 Resp: 20471

Ion	Ratio	Lower	Upper
202	100		
101	9.8	9.2	13.8
100	7.4	7.2	10.8

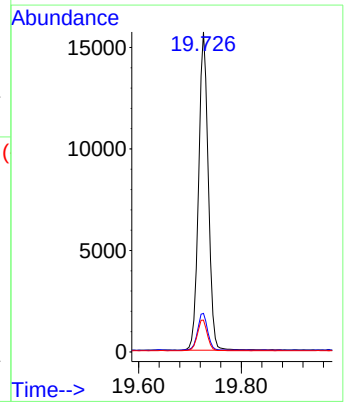


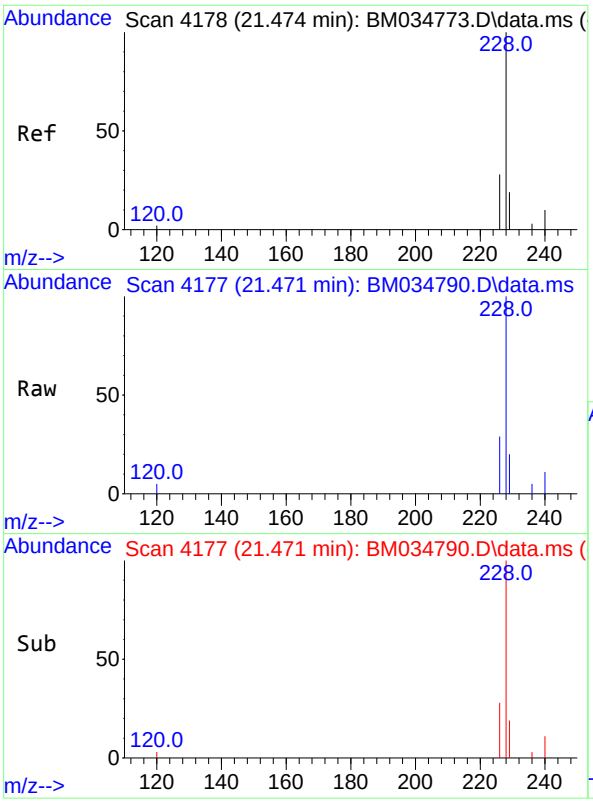


#20
Pyrene
Concen: 0.352 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. -0.003 min
Lab File: BM034790.D
Acq: 23 Apr 2022 04:36

Tgt Ion:202 Resp: 20542

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.3	13.9
100	9.9	7.8	11.6



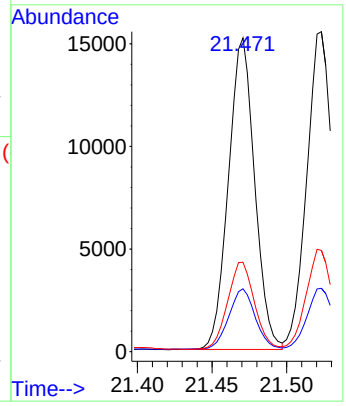


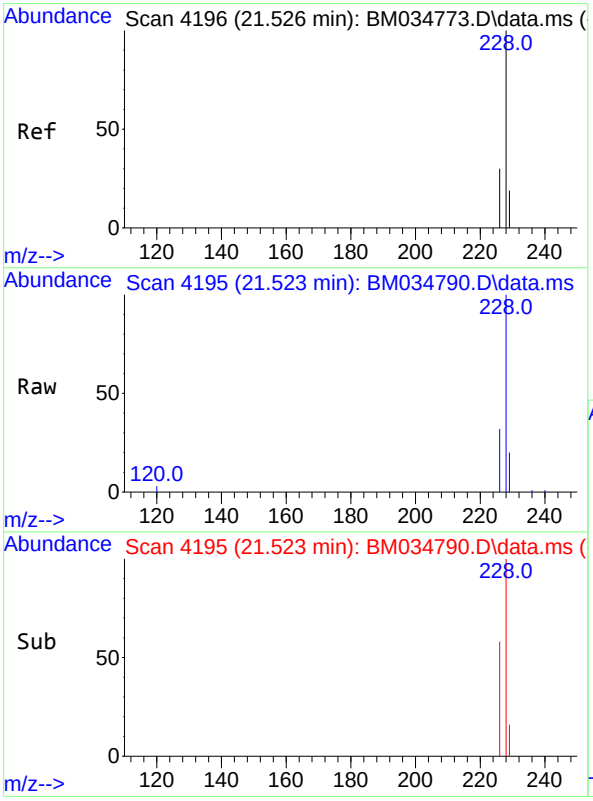
#21
Benzo(a)anthracene
Concen: 0.394 ng/ul
RT: 21.471 min Scan# 4
Delta R.T. -0.001 min
Lab File: BM034790.D
Acq: 23 Apr 2022 04:36

Instrument :
BNA_M
ClientSampleId :
SLCS176

Tgt Ion:228 Resp: 18561

Ion	Ratio	Lower	Upper
228	100		
229	20.0	17.3	25.9
226	28.5	23.2	34.8

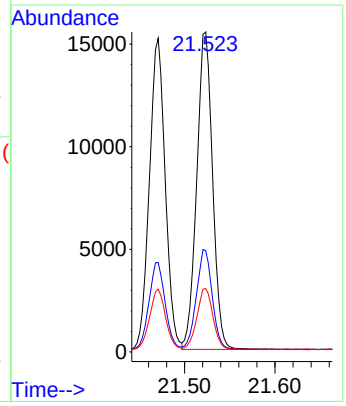


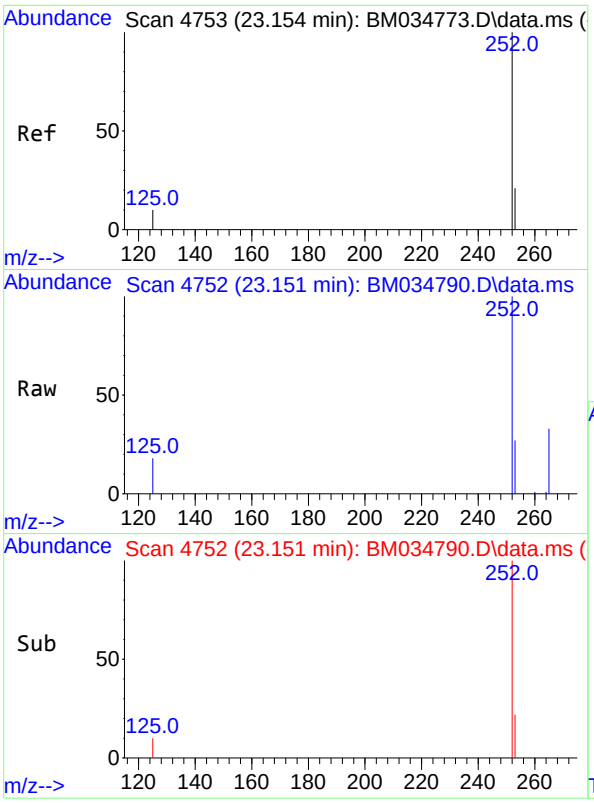


#22
Chrysene
Concen: 0.375 ng/ul
RT: 21.523 min Scan# 4195
Delta R.T. -0.001 min
Lab File: BM034790.D
Acq: 23 Apr 2022 04:36

Tgt Ion:228 Resp: 18848

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.8	38.8
229	19.8	16.7	25.1



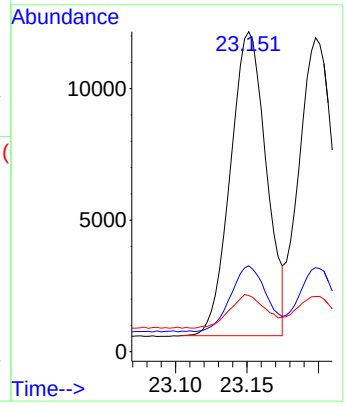


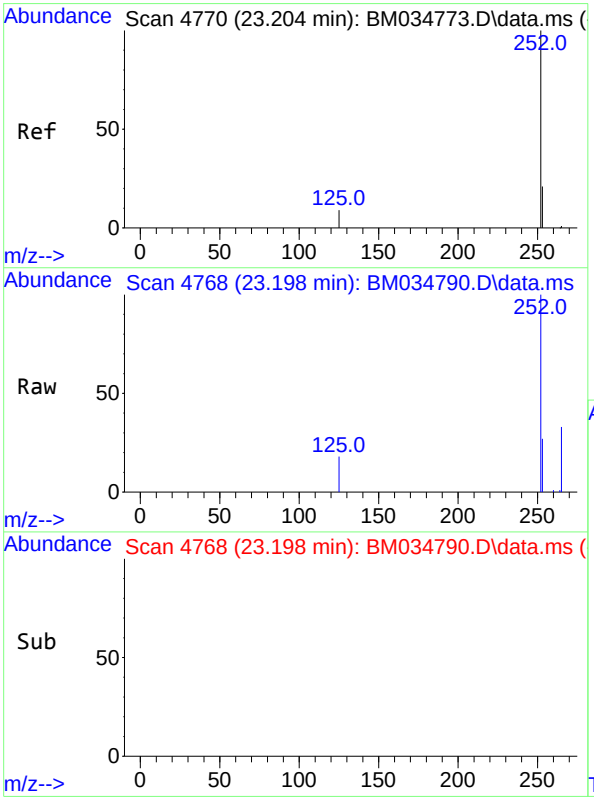
#24
Benzo(b)fluoranthene
Concen: 0.343 ng/ul
RT: 23.151 min Scan# 4
Delta R.T. -0.001 min
Lab File: BM034790.D
Acq: 23 Apr 2022 04:36

Instrument :
BNA_M
ClientSampleId :
SLCS176

Tgt Ion:252 Resp: 20183

Ion	Ratio	Lower	Upper
252	100		
253	26.9	0.0	64.2
125	17.5	0.0	28.8

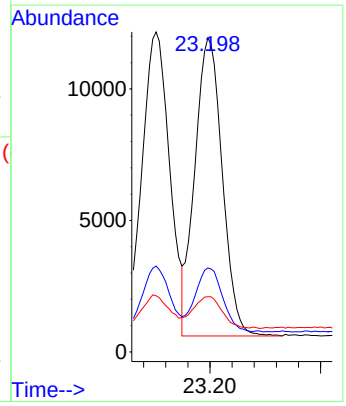


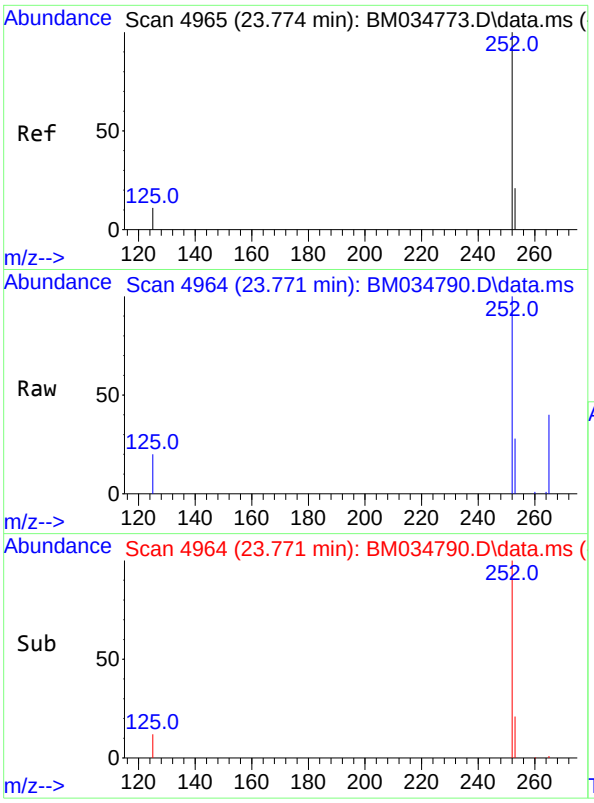


#25
Benzo(k)fluoranthene
Concen: 0.332 ng/ul
RT: 23.198 min Scan# 4768
Delta R.T. -0.004 min
Lab File: BM034790.D
Acq: 23 Apr 2022 04:36

Tgt Ion:252 Resp: 19541

Ion	Ratio	Lower	Upper
252	100		
253	26.8	26.8	40.2#
125	17.6	12.0	18.0



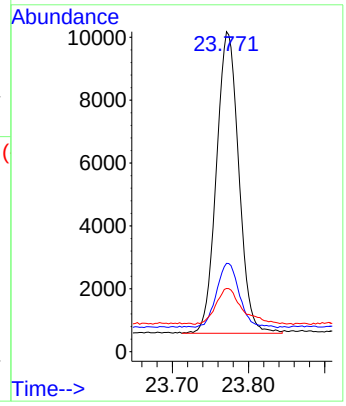


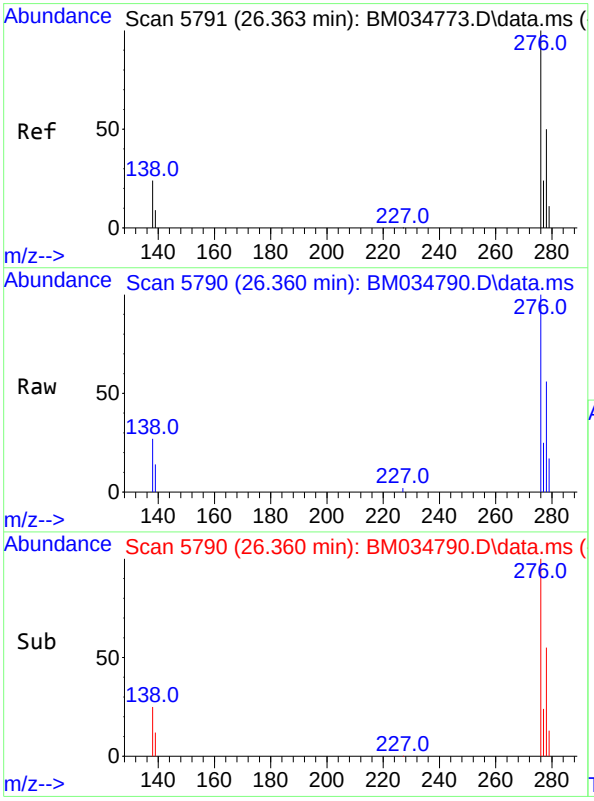
#26
Benzo(a)pyrene
Concen: 0.407 ng/ul
RT: 23.771 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM034790.D
Acq: 23 Apr 2022 04:36

Instrument :
BNA_M
ClientSampleId :
SLCS176

Tgt Ion:252 Resp: 19522

Ion	Ratio	Lower	Upper
252	100		
253	27.6	32.0	48.0#
125	19.8	14.5	21.7

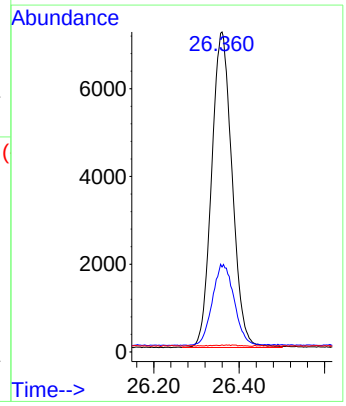


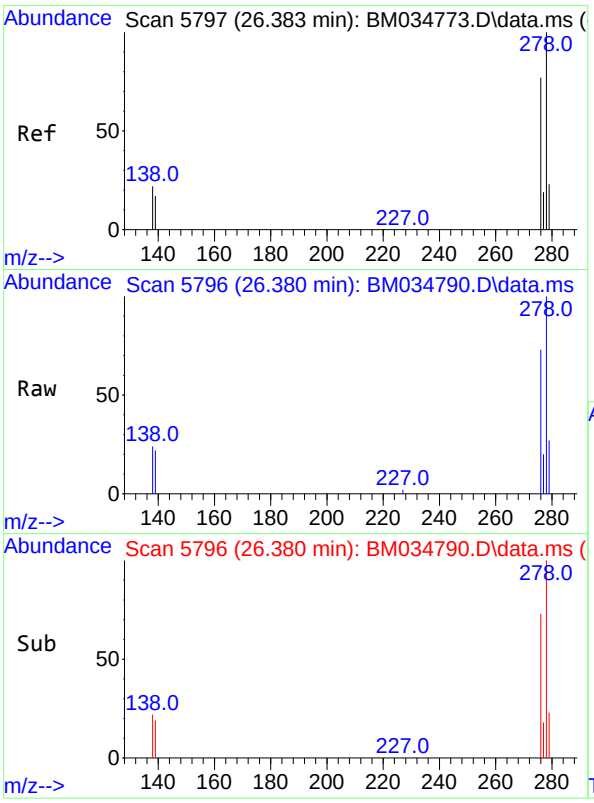


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.355 ng/ul
RT: 26.360 min Scan# 5790
Delta R.T. -0.001 min
Lab File: BM034790.D
Acq: 23 Apr 2022 04:36

Tgt Ion:276 Resp: 23899

Ion	Ratio	Lower	Upper
276	100		
138	27.3	15.8	23.6#
227	0.0	0.0	0.0#



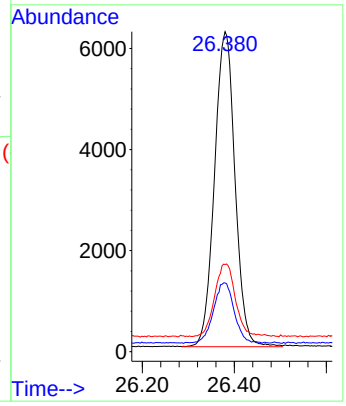


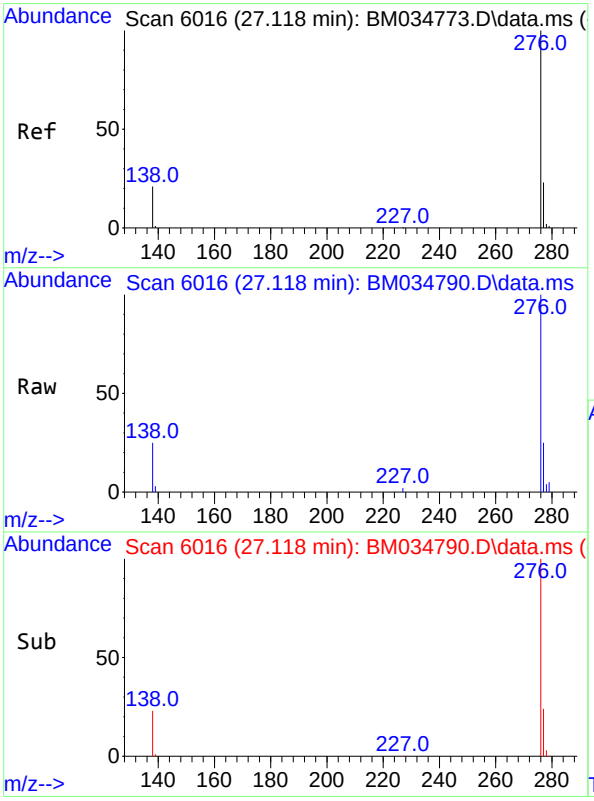
#28
Dibenzo(a,h)anthracene
Concen: 0.352 ng/ul
RT: 26.380 min Scan# 5
Delta R.T. -0.005 min
Lab File: BM034790.D
Acq: 23 Apr 2022 04:36

Instrument :
BNA_M
ClientSampleId :
SLCS176

Tgt Ion:278 Resp: 19321

Ion	Ratio	Lower	Upper
278	100		
139	21.5	18.0	27.0
279	27.2	28.6	42.8#





#29
Benzo(g,h,i)perylene
Concen: 0.354 ng/ul
RT: 27.118 min Scan# 6016
Delta R.T. -0.001 min
Lab File: BM034790.D
Acq: 23 Apr 2022 04:36

Tgt Ion:276 Resp: 20608

Ion	Ratio	Lower	Upper
276	100		
138	25.0	17.4	26.0
277	25.4	22.6	33.8