Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040688.D
Acq On : 06 Jul 2023 22:11
Operator : MA/JU
Sample : 03257-09MS
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EXYY0MS

Quant Time: Jul 07 00:55:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 09:30:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.908	152	4906	0.400	ng/ul	0.00
4) Naphthalene-d8	10.713	136	18989	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.550	164	8793	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.303	188	14669	0.400	ng/ul	0.00
17) Chrysene-d12	21.489	240	8601	0.400	ng/ul	0.00
23) Perylene-d12	23.892	264	9460	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.313	96	1812	0.235	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.302	152	9689	0.364	ng/ul	0.00
18) Fluoranthene-d10	19.329	212	13929	0.505	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.347	88	4972	0.634	ng/ul#	89
5) Naphthalene	10.763	128	17900	0.342	ng/ul	98
7) 2-Methylnaphthalene	12.374	142	10653	0.346	ng/ul	99
8) 1-Methylnaphthalene	12.594	142	10219	0.332	ng/ul	98
10) Acenaphthylene	14.273	152	14512	0.369	ng/ul	99
11) Acenaphthene	14.611	153	11708	0.353	ng/ul	97
12) Fluorene	15.601	166	12782	0.361	ng/ul	98
14) Pentachlorophenol	16.961	266	1384	0.490	ng/ul	91
15) Phenanthrene	17.346	178	17869	0.392	ng/ul	99
16) Anthracene	17.438	178	15329	0.400	ng/ul	98
19) Fluoranthene	19.362	202	16928	0.463	ng/ul	99
20) Pyrene	19.724	202	17504	0.447	ng/ul	98
21) Benzo(a)anthracene	21.472	228	12889	0.443	ng/ul	99
22) Chrysene	21.524	228	13635	0.411	ng/ul	99
24) Benzo(b)fluoranthene	23.155	252	14164	0.387	ng/ul	92
25) Benzo(k)fluoranthene	23.205	252	14767	0.409	ng/ul#	90
26) Benzo(a)pyrene	23.784	252	12839	0.389	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.381	276	19411	0.423	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.398	278	15465	0.430	ng/ul	95
29) Benzo(g,h,i)perylene	27.149	276	16851	0.419	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
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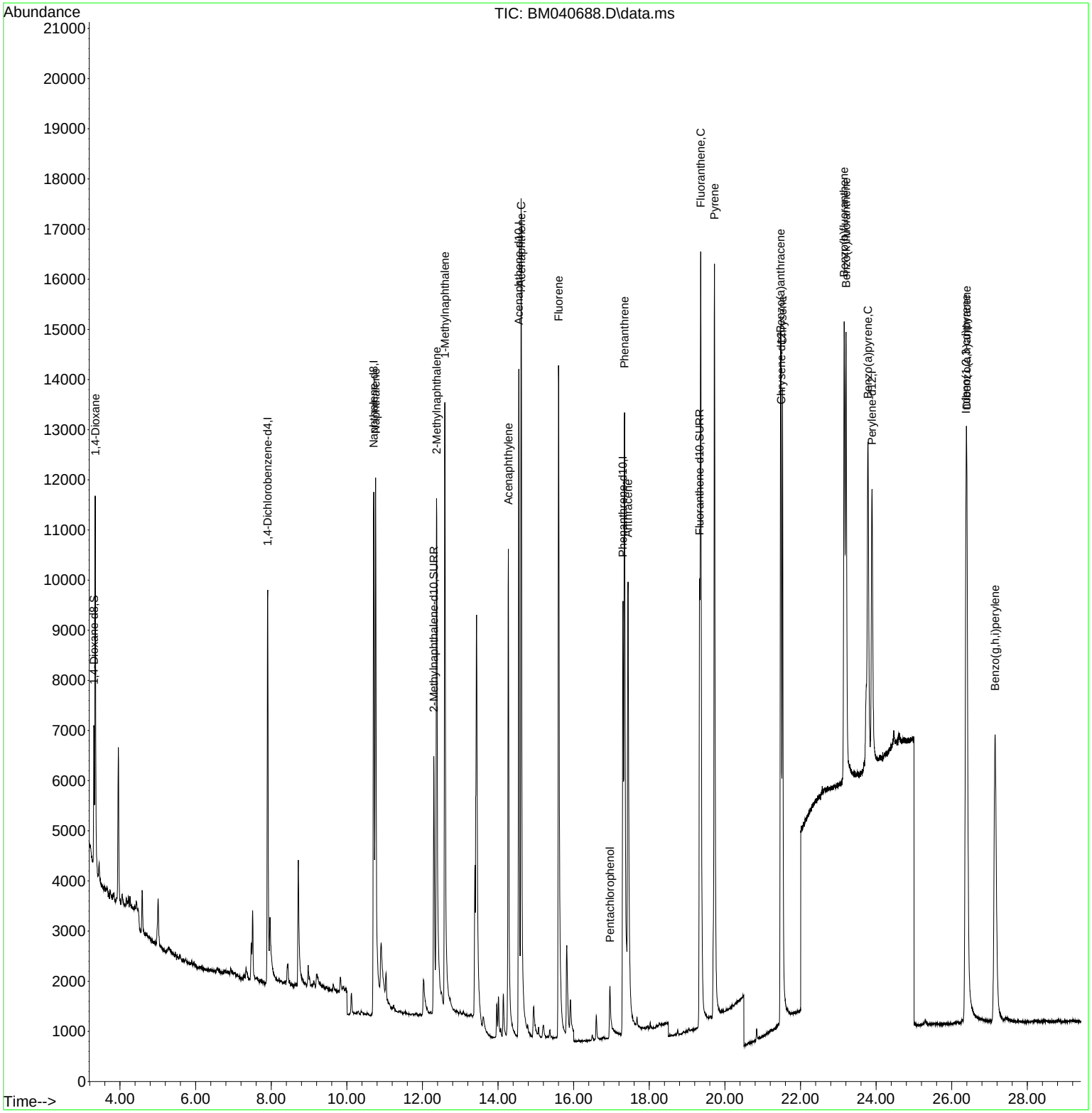
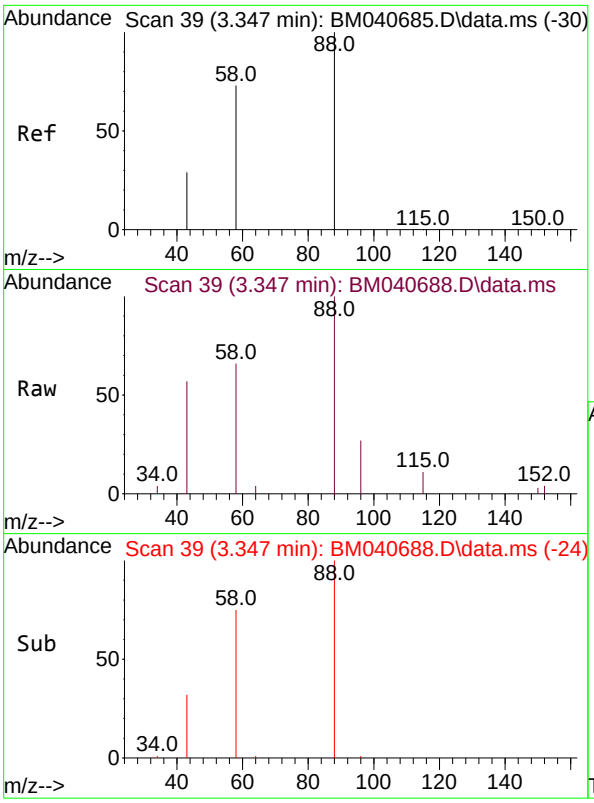
Quant Time: Jul 07 00:55:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 09:30:35 2023
Response via : Initial Calibration



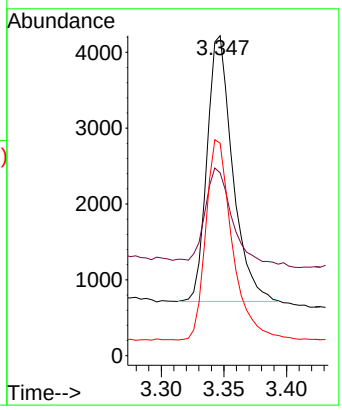


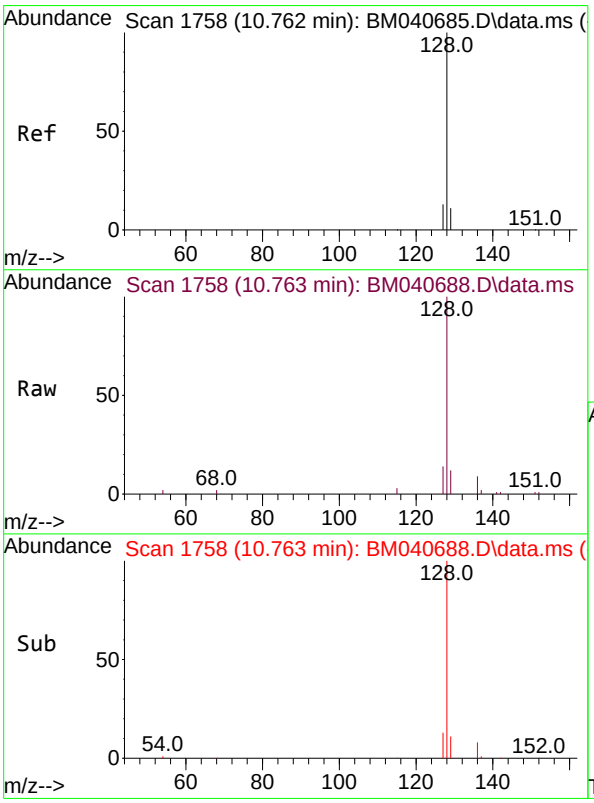
#2
1,4-Dioxane
Concen: 0.634 ng/ul
RT: 3.347 min Scan# 3
Delta R.T. 0.001 min
Lab File: BM040688.D
Acq: 06 Jul 2023 22:11

Instrument :
BNA_M
ClientSampleId :
EXYY0MS

Tgt Ion: 88 Resp: 4972

Ion	Ratio	Lower	Upper
88	100		
43	57.2	36.1	54.1#
58	66.4	49.8	74.8

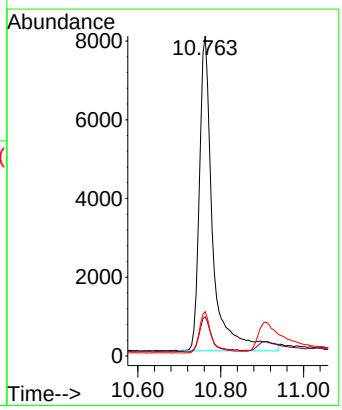


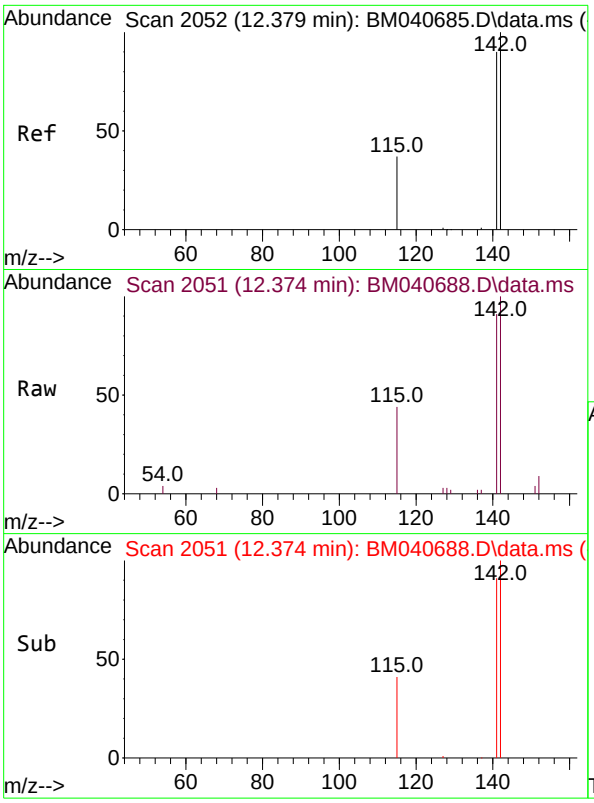


#5
Naphthalene
Concen: 0.342 ng/ul
RT: 10.763 min Scan# 1758
Delta R.T. -0.003 min
Lab File: BM040688.D
Acq: 06 Jul 2023 22:11

Tgt Ion:128 Resp: 17900

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.2	13.8
127	13.8	10.6	15.8



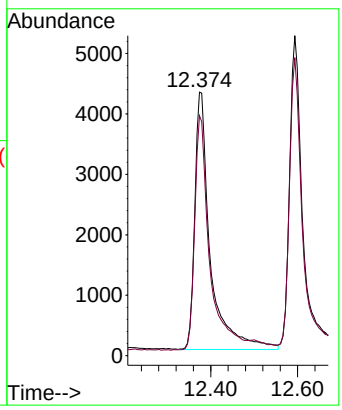


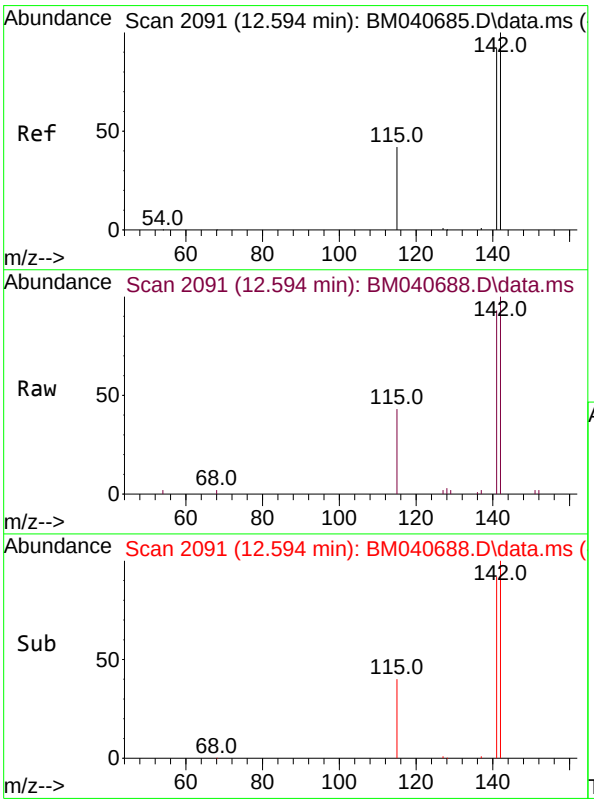
#7
2-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.374 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM040688.D
Acq: 06 Jul 2023 22:11

Instrument :
BNA_M
ClientSampleId :
EXYY0MS

Tgt Ion:142 Resp: 10653

Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.9	107.9

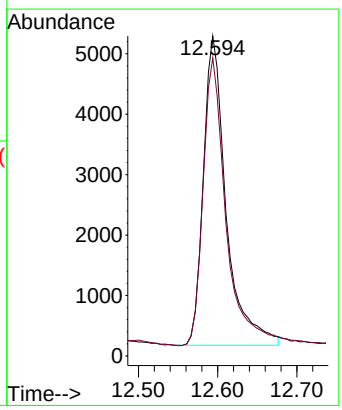


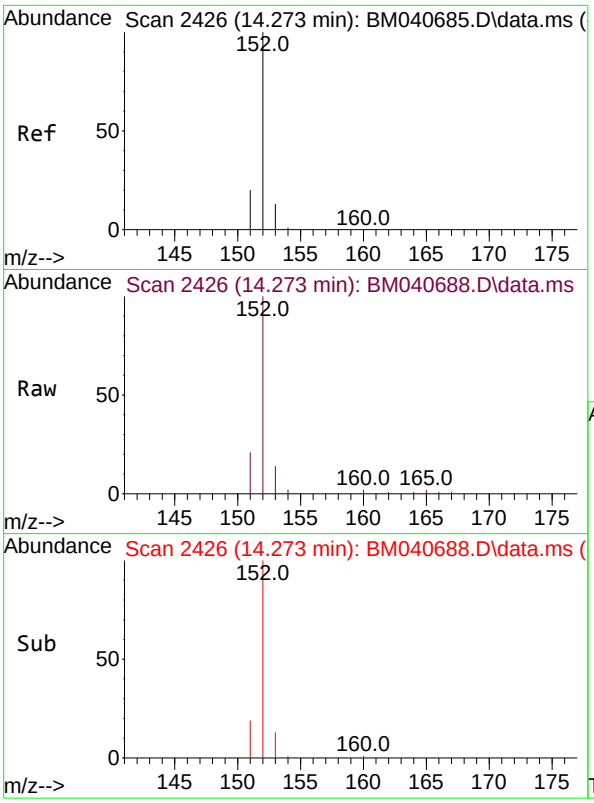


#8
1-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. -0.009 min
Lab File: BM040688.D
Acq: 06 Jul 2023 22:11

Tgt Ion:142 Resp: 10219

Ion	Ratio	Lower	Upper
142	100		
141	93.6	73.7	110.5



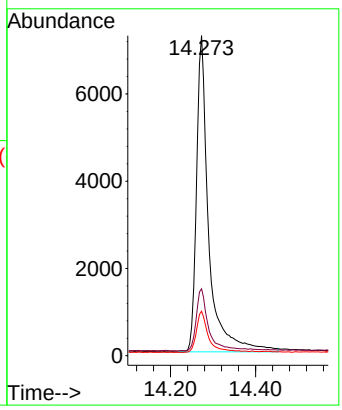


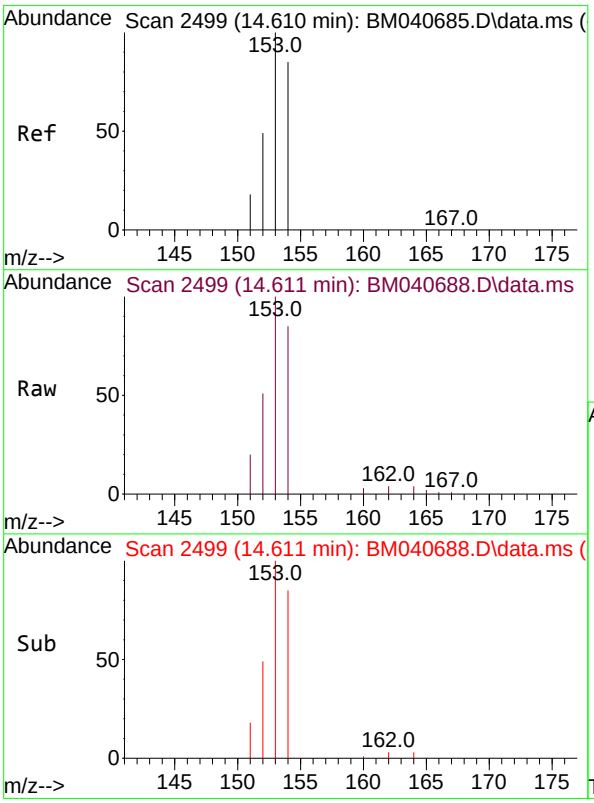
#10
Acenaphthylene
Concen: 0.369 ng/ul
RT: 14.273 min Scan# 24
Delta R.T. -0.007 min
Lab File: BM040688.D
Acq: 06 Jul 2023 22:11

Instrument :
BNA_M
ClientSampleId :
EXYY0MS

Tgt Ion:152 Resp: 14512

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.2
153	13.9	10.9	16.3

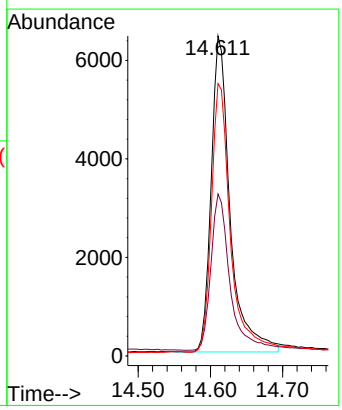


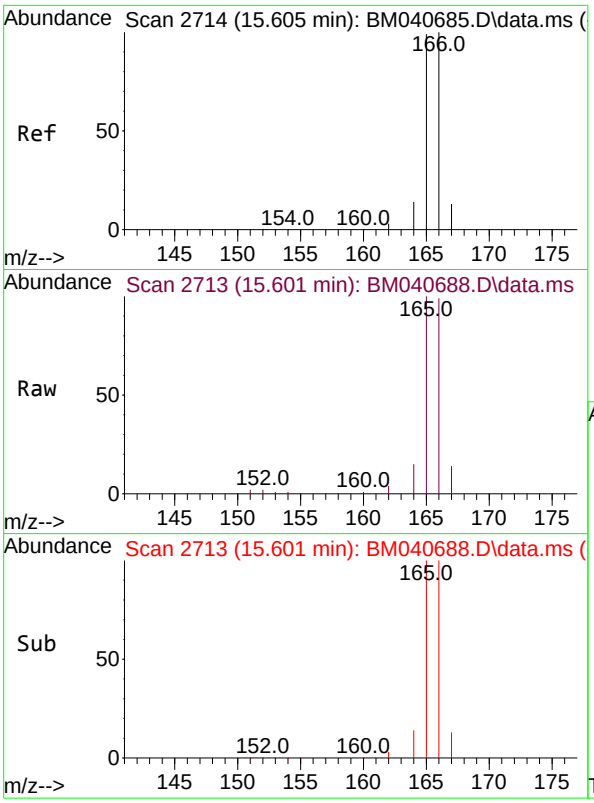


#11
Acenaphthene
Concen: 0.353 ng/ul
RT: 14.611 min Scan# 2499
Delta R.T. -0.007 min
Lab File: BM040688.D
Acq: 06 Jul 2023 22:11

Tgt Ion:153 Resp: 11708

Ion	Ratio	Lower	Upper
153	100		
152	50.6	41.0	61.4
154	85.1	70.8	106.2



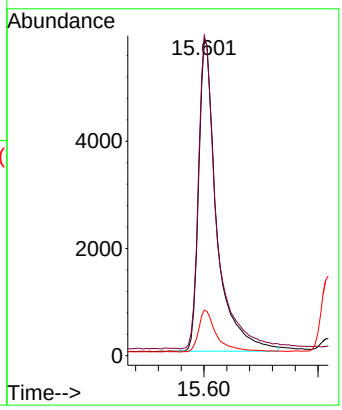


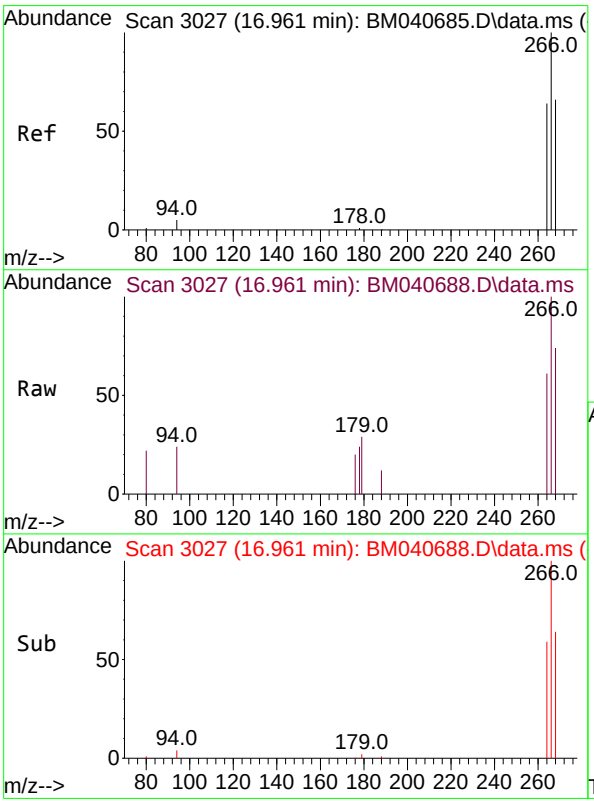
#12
Fluorene
Concen: 0.361 ng/ul
RT: 15.601 min Scan# 2
Delta R.T. -0.007 min
Lab File: BM040688.D
Acq: 06 Jul 2023 22:11

Instrument :
BNA_M
ClientSampleId :
EXYY0MS

Tgt Ion:166 Resp: 12782

Ion	Ratio	Lower	Upper
166	100		
165	101.2	79.6	119.4
167	14.4	11.4	17.0

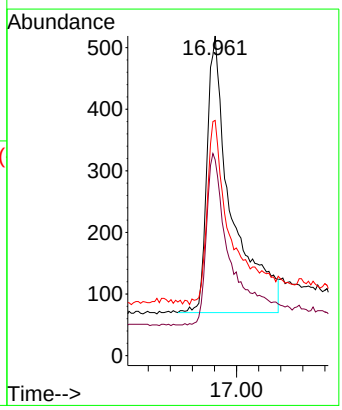


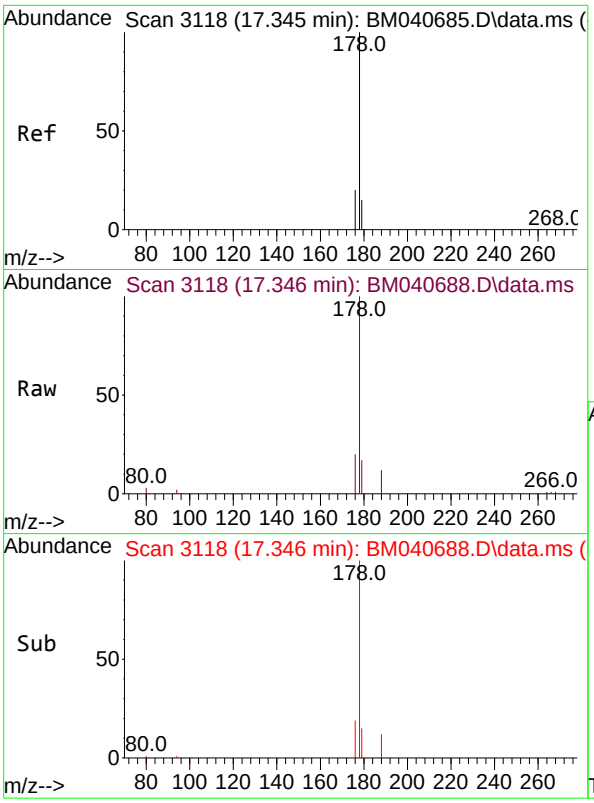


#14
Pentachlorophenol
Concen: 0.490 ng/ul
RT: 16.961 min Scan# 3027
Delta R.T. -0.006 min
Lab File: BM040688.D
Acq: 06 Jul 2023 22:11

Tgt Ion:266 Resp: 1384

Ion	Ratio	Lower	Upper
266	100		
264	62.7	45.4	68.0
268	66.5	47.2	70.8



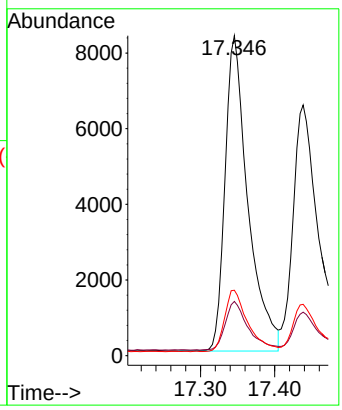


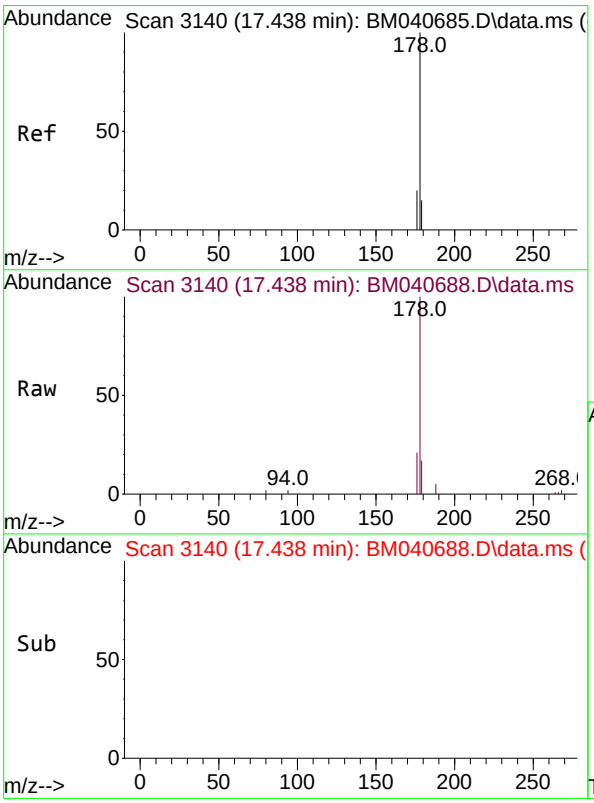
#15
Phenanthrene
Concen: 0.392 ng/ul
RT: 17.346 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM040688.D
Acq: 06 Jul 2023 22:11

Instrument :
BNA_M
ClientSampleId :
EXYY0MS

Tgt Ion:178 Resp: 17869

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.8	19.2
176	20.4	16.4	24.6

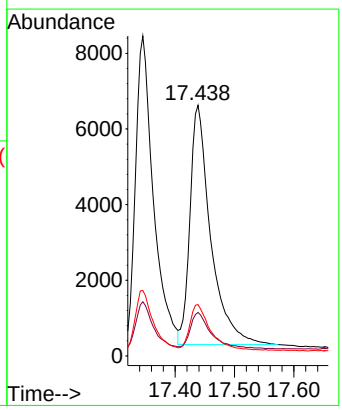


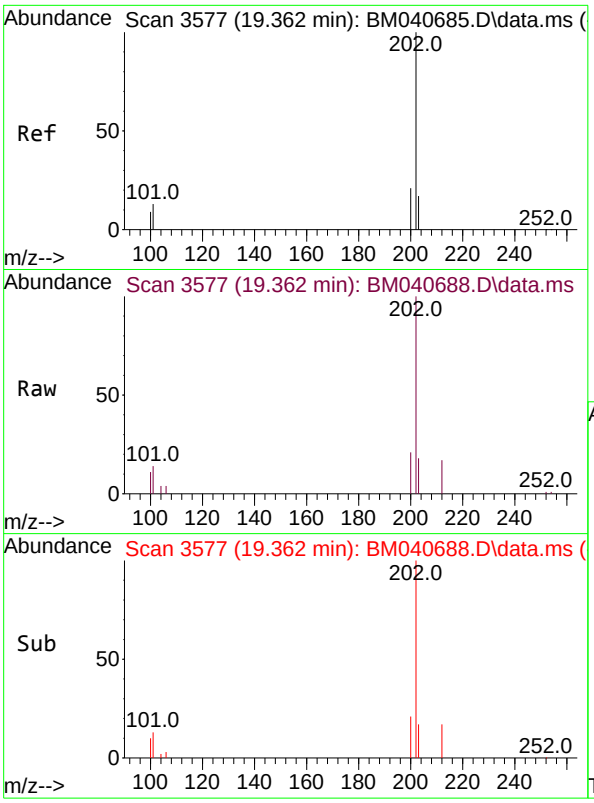


#16
Anthracene
Concen: 0.400 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BM040688.D
Acq: 06 Jul 2023 22:11

Tgt Ion:178 Resp: 15329

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.9	19.3
176	20.5	15.8	23.6



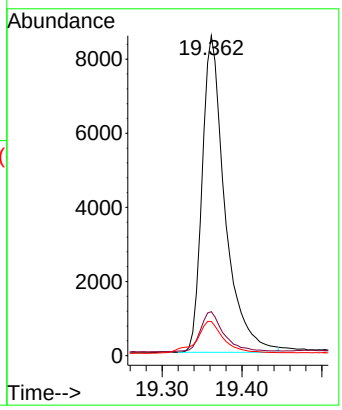


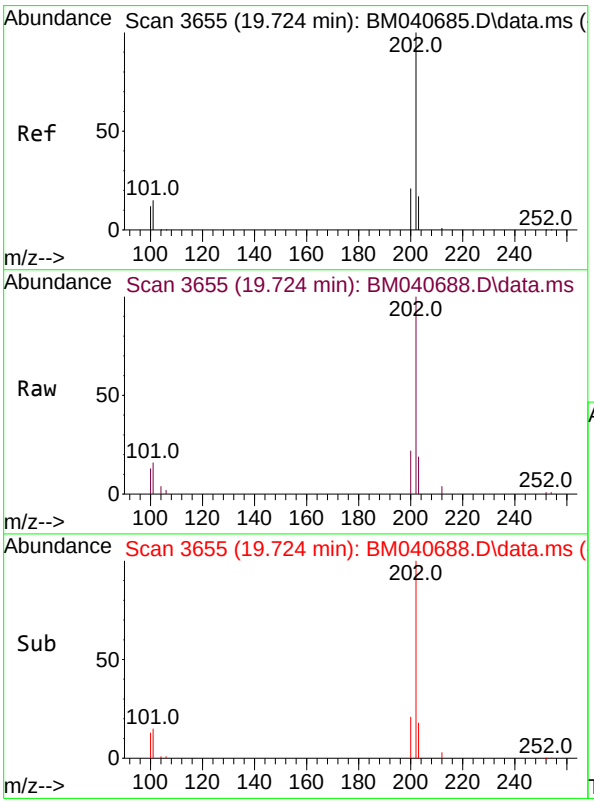
#19
Fluoranthene
Concen: 0.463 ng/ul
RT: 19.362 min Scan# 3
Delta R.T. -0.007 min
Lab File: BM040688.D
Acq: 06 Jul 2023 22:11

Instrument :
BNA_M
ClientSampleId :
EXYY0MS

Tgt Ion:202 Resp: 16928

Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.4	17.0
100	10.7	8.7	13.1

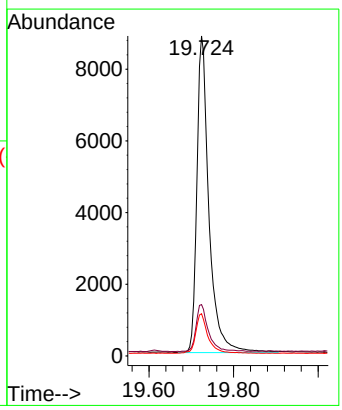


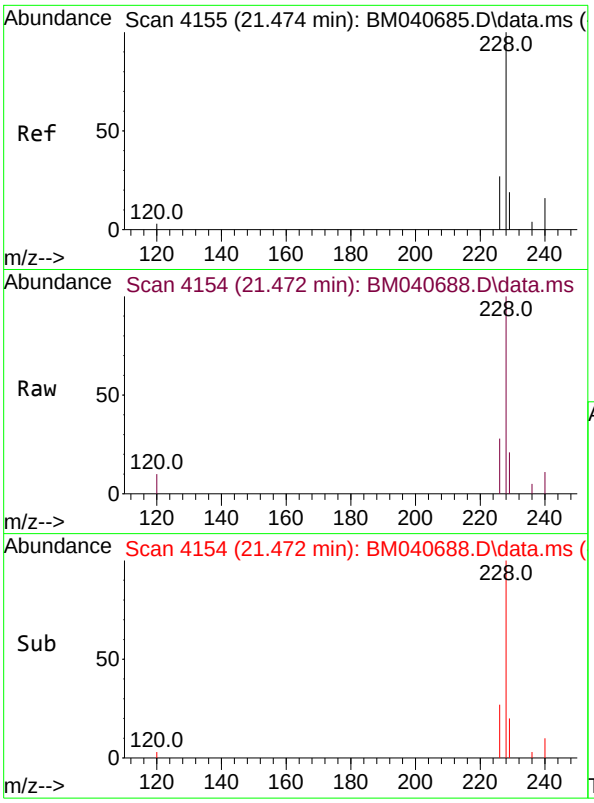


#20
Pyrene
Concen: 0.447 ng/ul
RT: 19.724 min Scan# 3655
Delta R.T. -0.007 min
Lab File: BM040688.D
Acq: 06 Jul 2023 22:11

Tgt Ion:202 Resp: 17504

Ion	Ratio	Lower	Upper
202	100		
101	16.1	12.6	18.8
100	13.2	9.8	14.6



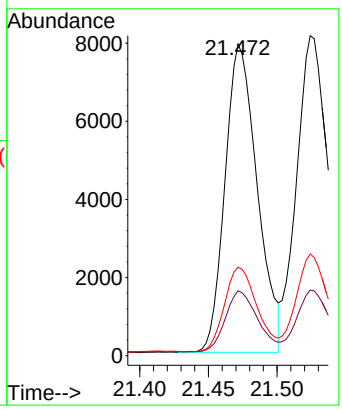


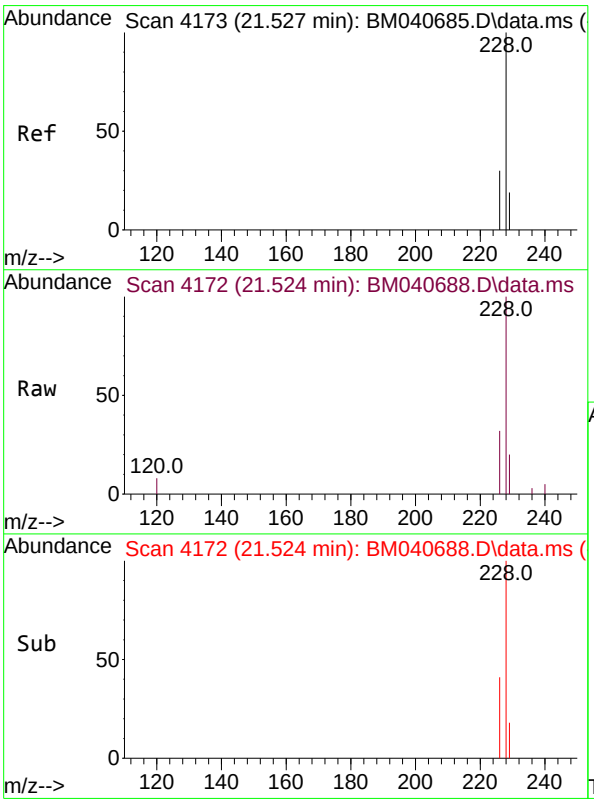
#21
Benzo(a)anthracene
Concen: 0.443 ng/ul
RT: 21.472 min Scan# 4
Delta R.T. -0.007 min
Lab File: BM040688.D
Acq: 06 Jul 2023 22:11

Instrument :
BNA_M
ClientSampleId :
EXYY0MS

Tgt Ion:228 Resp: 12889

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.0	24.0
226	28.4	22.3	33.5

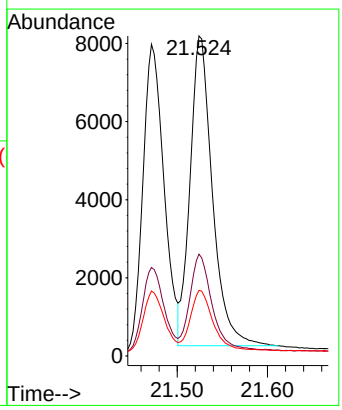


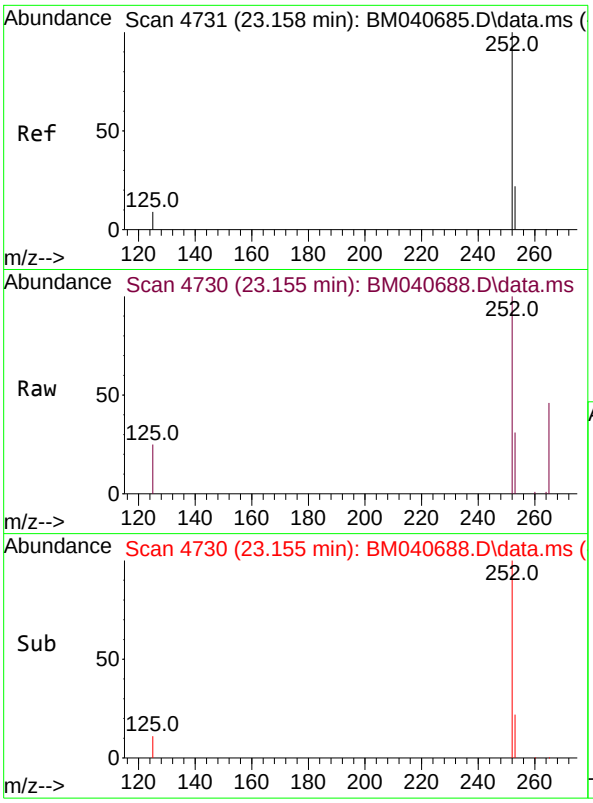


#22
Chrysene
Concen: 0.411 ng/ul
RT: 21.524 min Scan# 4172
Delta R.T. -0.007 min
Lab File: BM040688.D
Acq: 06 Jul 2023 22:11

Tgt Ion:228 Resp: 13635

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	20.5	15.8	23.6



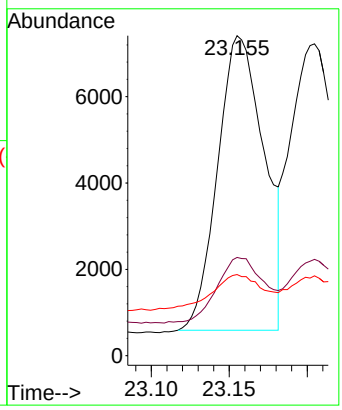


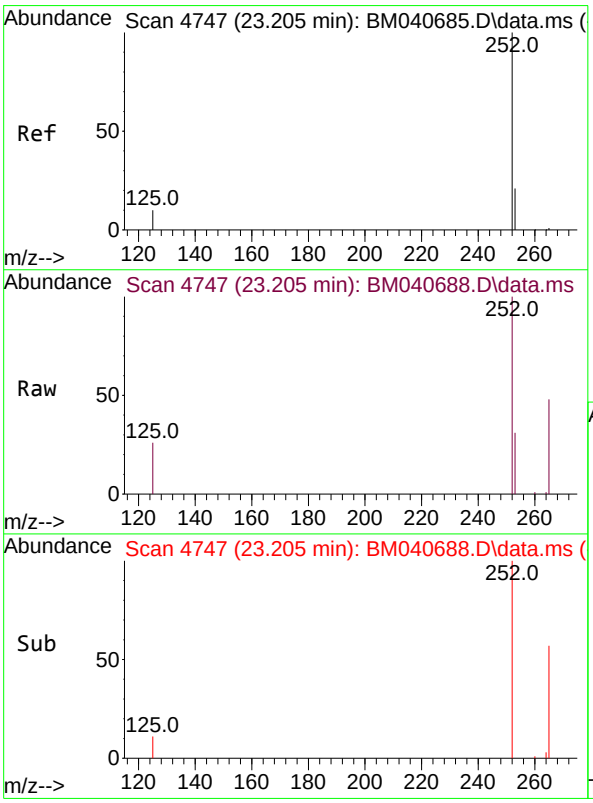
#24
Benzo(b)fluoranthene
Concen: 0.387 ng/ul
RT: 23.155 min Scan# 4
Delta R.T. -0.013 min
Lab File: BM040688.D
Acq: 06 Jul 2023 22:11

Instrument :
BNA_M
ClientSampleId :
EXYY0MS

Tgt Ion:252 Resp: 14164

Ion	Ratio	Lower	Upper
252	100		
253	30.7	0.0	52.8
125	25.3	0.0	43.0

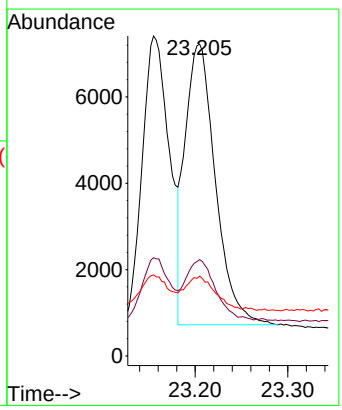


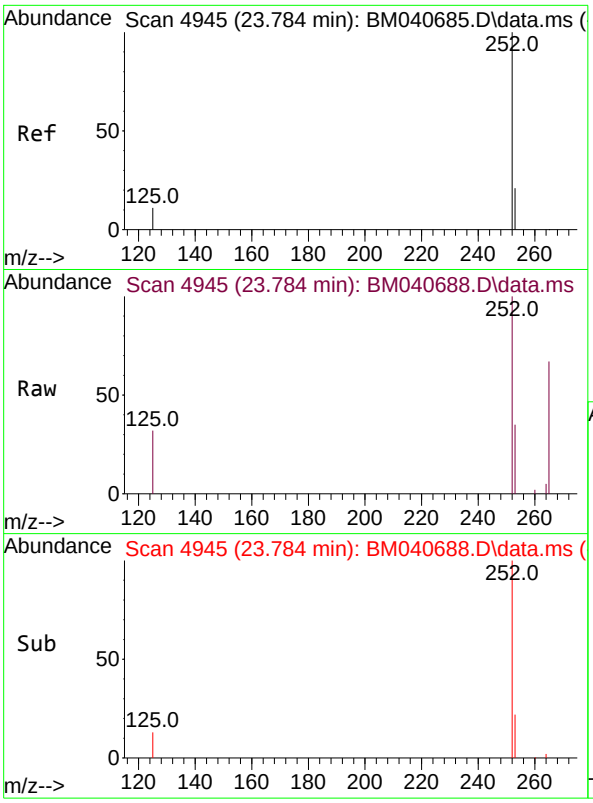


#25
Benzo(k)fluoranthene
Concen: 0.409 ng/ul
RT: 23.205 min Scan# 4747
Delta R.T. -0.007 min
Lab File: BM040688.D
Acq: 06 Jul 2023 22:11

Tgt Ion:252 Resp: 14767

Ion	Ratio	Lower	Upper
252	100		
253	30.9	21.2	31.8
125	25.6	16.4	24.6#



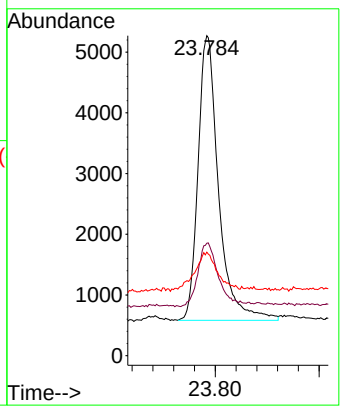


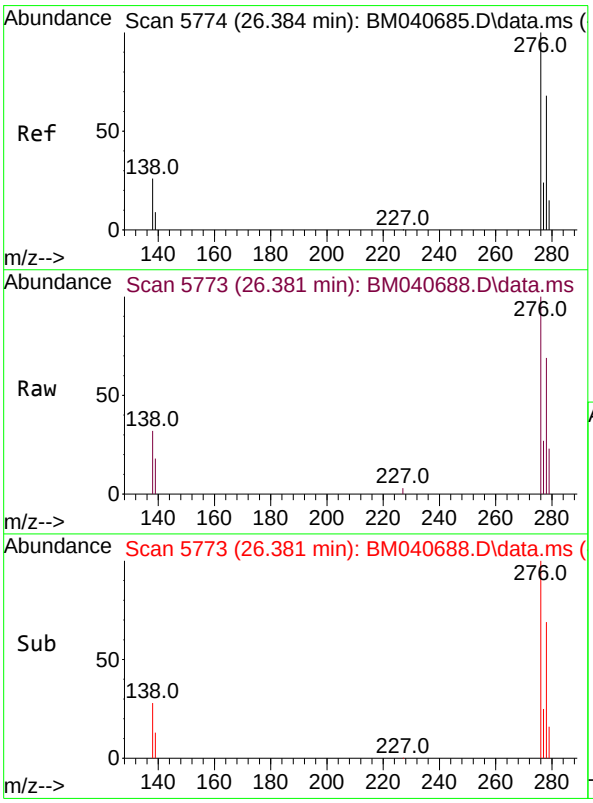
#26
Benzo(a)pyrene
Concen: 0.389 ng/ul
RT: 23.784 min Scan# 4
Delta R.T. -0.010 min
Lab File: BM040688.D
Acq: 06 Jul 2023 22:11

Instrument :
BNA_M
ClientSampleId :
EXYY0MS

Tgt Ion:252 Resp: 12839

Ion	Ratio	Lower	Upper
252	100		
253	35.2	22.9	34.3#
125	32.3	21.0	31.4#

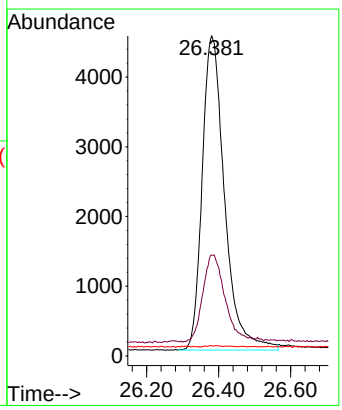


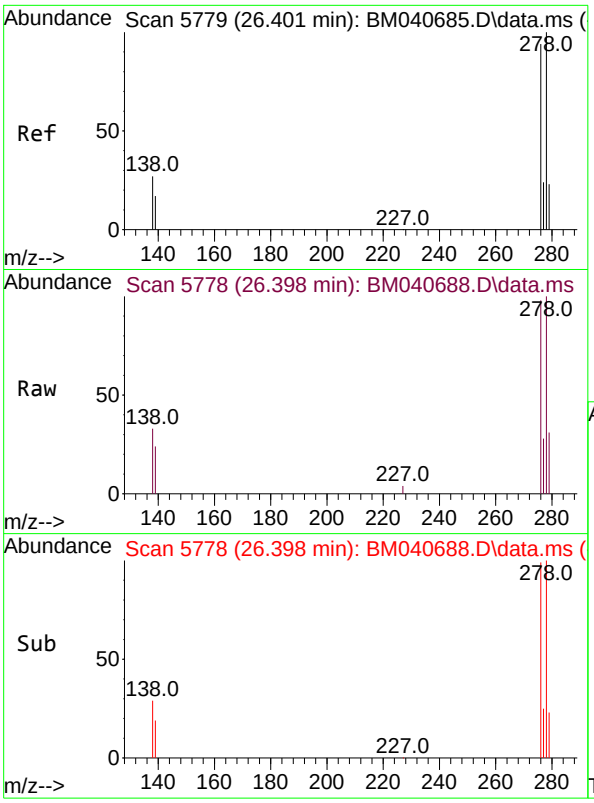


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.423 ng/ul
RT: 26.381 min Scan# 5773
Delta R.T. -0.008 min
Lab File: BM040688.D
Acq: 06 Jul 2023 22:11

Tgt Ion:276 Resp: 19411

Ion	Ratio	Lower	Upper
276	100		
138	27.5	24.5	36.7
227	0.1	0.1	0.1#



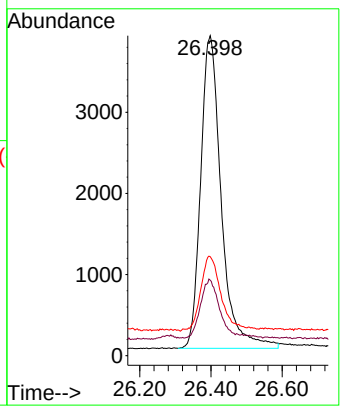


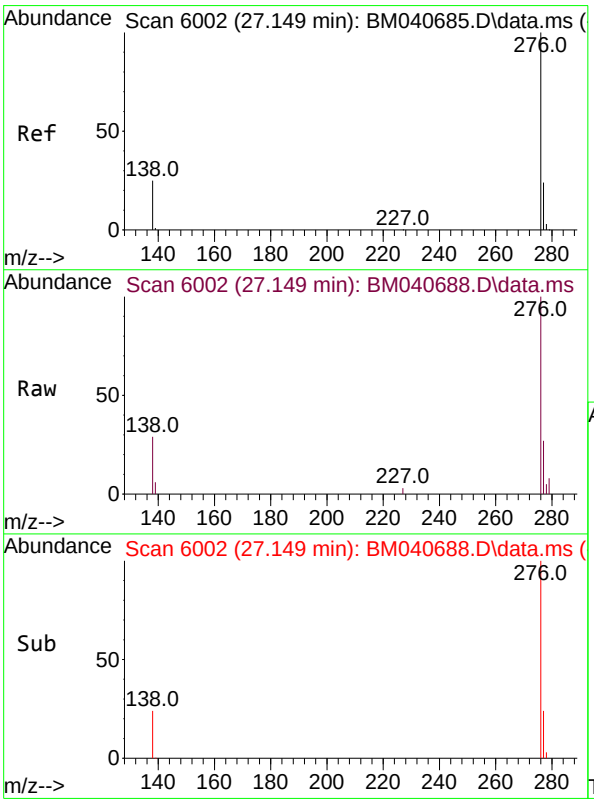
#28
Dibenzo(a,h)anthracene
Concen: 0.430 ng/ul
RT: 26.398 min Scan# 5
Delta R.T. -0.011 min
Lab File: BM040688.D
Acq: 06 Jul 2023 22:11

Instrument :
BNA_M
ClientSampleId :
EXYY0MS

Tgt Ion:278 Resp: 15465

Ion	Ratio	Lower	Upper
278	100		
139	23.6	17.9	26.9
279	30.9	22.0	33.0





#29
Benzo(g,h,i)perylene
Concen: 0.419 ng/ul
RT: 27.149 min Scan# 6002
Delta R.T. -0.015 min
Lab File: BM040688.D
Acq: 06 Jul 2023 22:11

Tgt Ion:276 Resp: 16851

Ion	Ratio	Lower	Upper
276	100		
138	28.9	23.0	34.6
277	26.6	20.3	30.5