Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070823\
Data File : BM040751.D
Acq On : 08 Jul 2023 22:16
Operator : MA/JU
Sample : 03348-08MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YBTY3MSD

Quant Time: Jul 08 23:33:19 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 : Sat Jul 08 22:50:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.891	152	4852	0.400	ng/ul	0.00
4) Naphthalene-d8	10.696	136	17498	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.536	164	8071	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.286	188	14692	0.400	ng/ul	-0.01
17) Chrysene-d12	21.477	240	8850	0.400	ng/ul	-0.01
23) Perylene-d12	23.868	264	7525	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.300	96	13997	1.837	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.291	152	8957	0.365	ng/ul	0.00
18) Fluoranthene-d10	19.320	212	13469	0.475	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.338	88	10800	1.392	ng/ul	92
5) Naphthalene	10.746	128	17140	0.355	ng/ul	99
7) 2-Methylnaphthalene	12.363	142	10239	0.361	ng/ul	98
8) 1-Methylnaphthalene	12.583	142	9919	0.350	ng/ul	100
10) Acenaphthylene	14.259	152	15303	0.424	ng/ul	98
11) Acenaphthene	14.601	153	10806	0.355	ng/ul	99
12) Fluorene	15.587	166	12031	0.370	ng/ul	99
14) Pentachlorophenol	16.949	266	1630	0.576	ng/ul	94
15) Phenanthrene	17.328	178	17153	0.376	ng/ul	99
16) Anthracene	17.421	178	18020	0.470	ng/ul	98
19) Fluoranthene	19.348	202	17162	0.457	ng/ul	98
20) Pyrene	19.710	202	18170	0.451	ng/ul#	94
21) Benzo(a)anthracene	21.463	228	12628	0.422	ng/ul	99
22) Chrysene	21.512	228	13083	0.383	ng/ul	98
24) Benzo(b)fluoranthene	23.137	252	11672	0.401	ng/ul	90
25) Benzo(k)fluoranthene	23.187	252	12460	0.434	ng/ul#	90
26) Benzo(a)pyrene	23.766	252	10805	0.412	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.357	276	13874	0.380	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.374	278	10993	0.384	ng/ul	92
29) Benzo(g,h,i)perylene	27.122	276	11868	0.371	ng/ul	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070823\
Data File : BM040751.D
Acq On : 08 Jul 2023 22:16
Operator : MA/JU
Sample : 03348-08MSD
Misc :
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Instrument :
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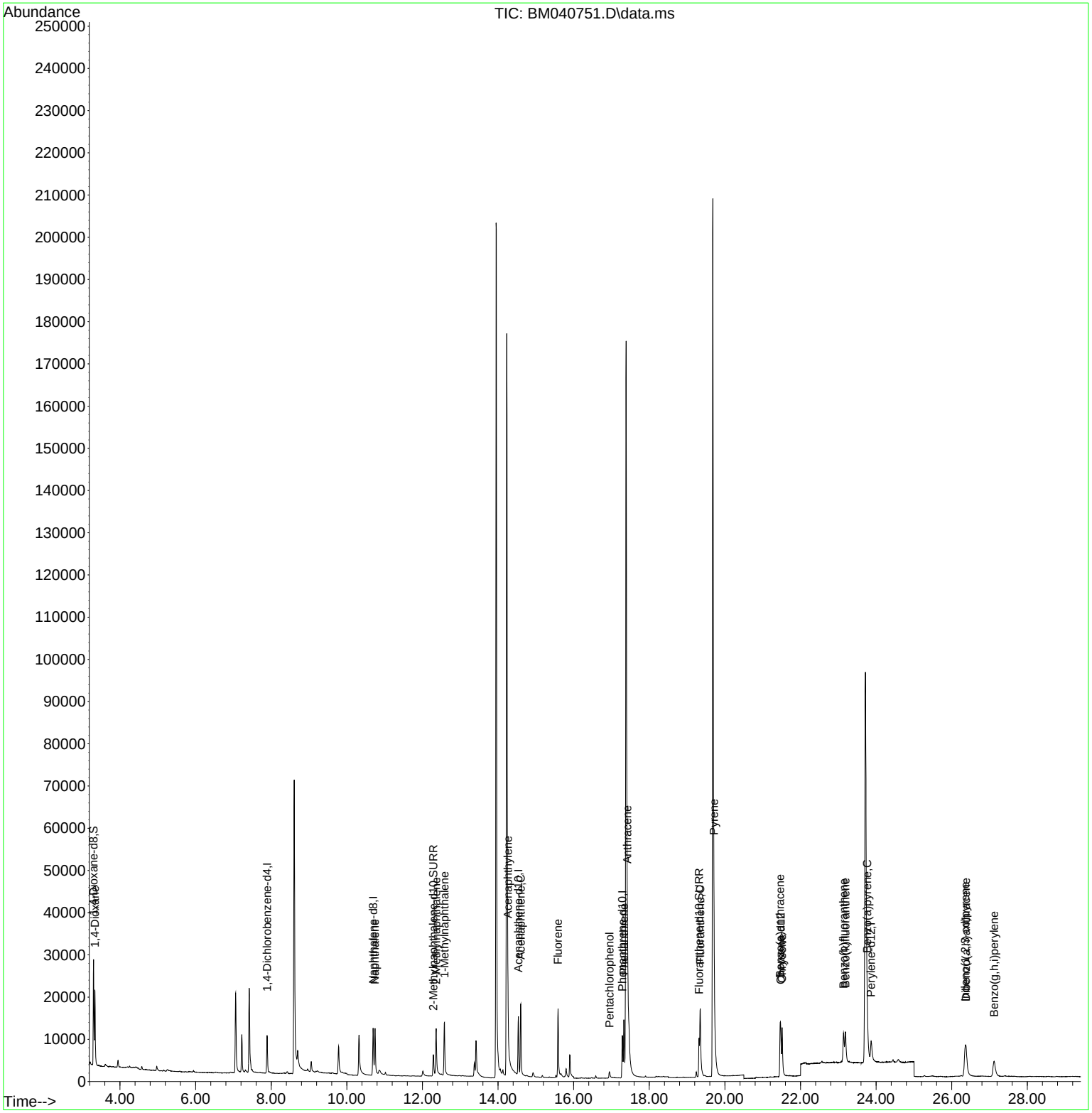
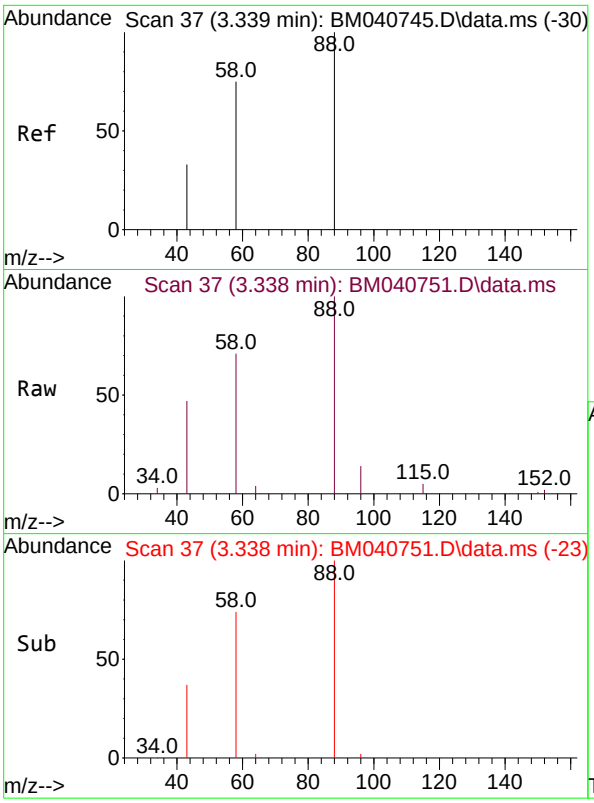
Quant Time: Jul 08 23:33:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 08 22:50:20 2023
Response via : Initial Calibration



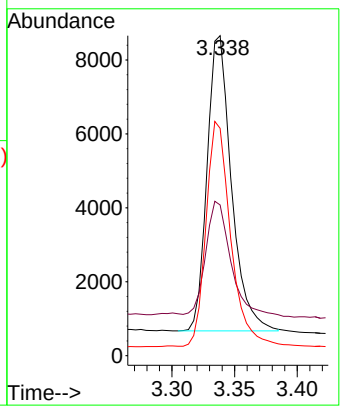


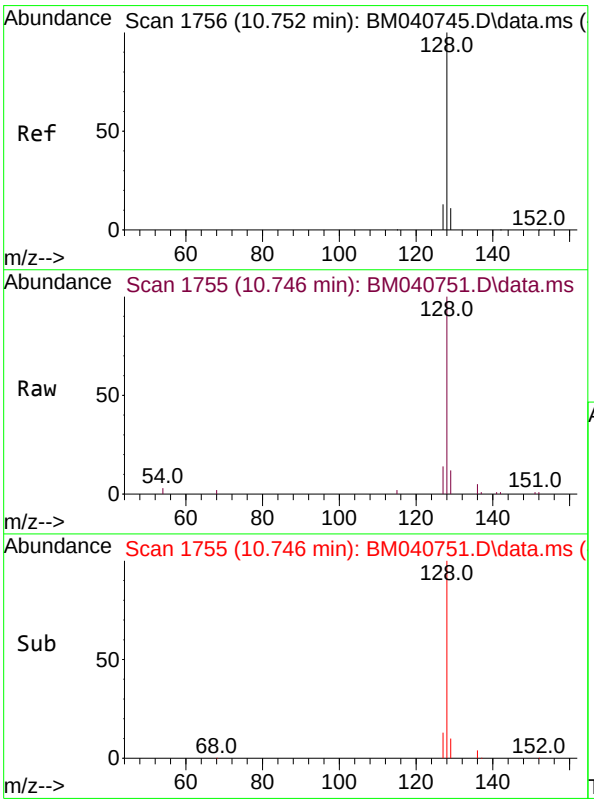
#2
1,4-Dioxane
Concen: 1.392 ng/ul
RT: 3.338 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Instrument :
BNA_M
ClientSampleId :
YBTY3MSD

Tgt Ion: 88 Resp: 10800

Ion	Ratio	Lower	Upper
88	100		
43	47.1	36.1	54.1
58	71.1	49.8	74.8

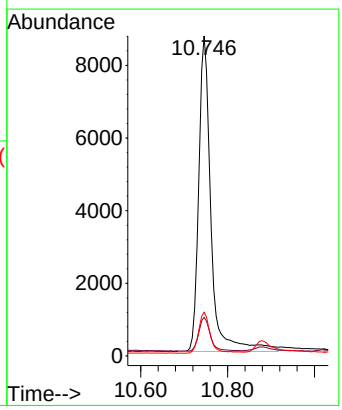


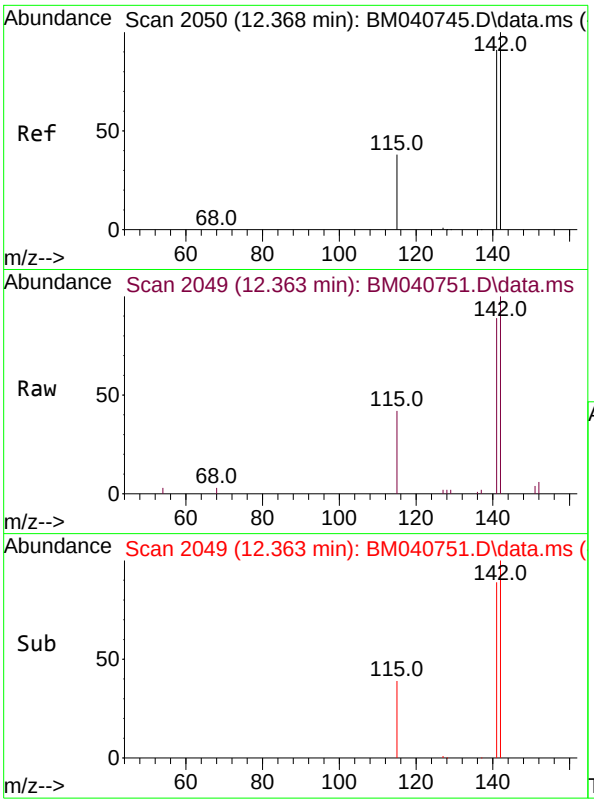


#5
Naphthalene
Concen: 0.355 ng/ul
RT: 10.746 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Tgt Ion:128 Resp: 17140

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.2	13.8
127	13.6	10.6	15.8



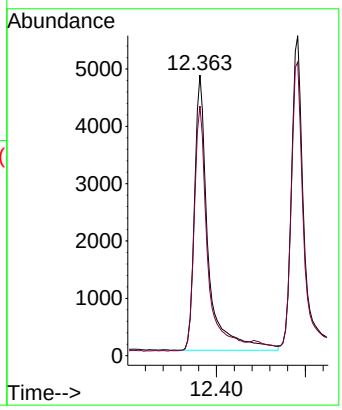


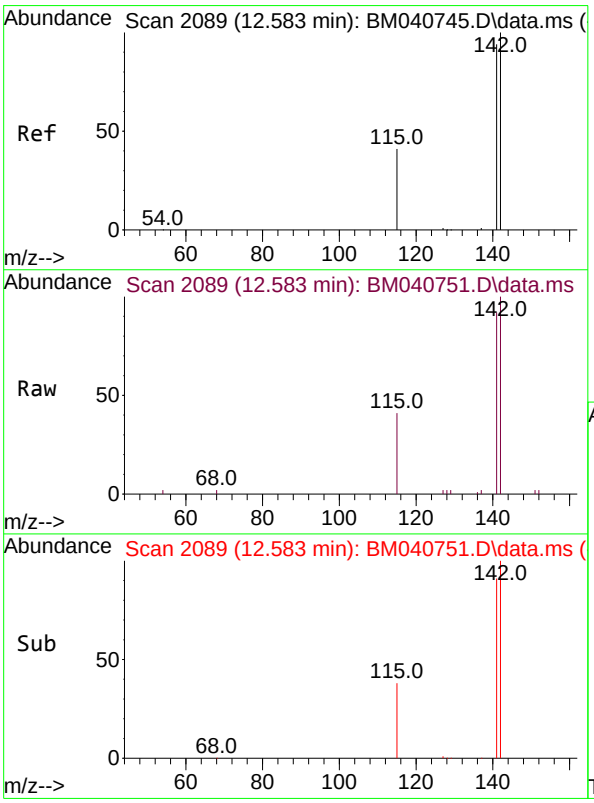
#7
2-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.363 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Instrument :
BNA_M
ClientSampleId :
YBTY3MSD

Tgt Ion:142 Resp: 10239

Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.9	107.9

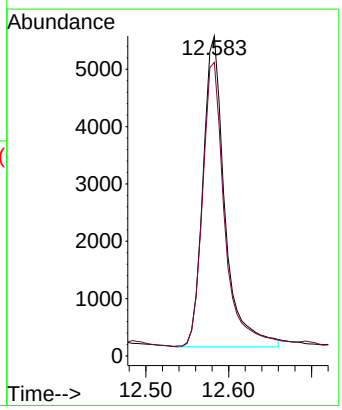


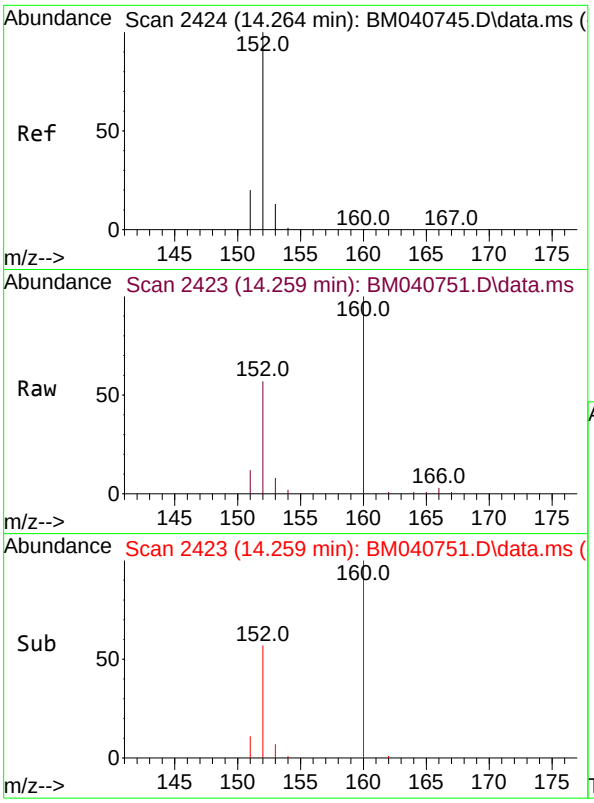


#8
1-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.583 min Scan# 2089
Delta R.T. -0.006 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Tgt Ion:142 Resp: 9919

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.7	110.5



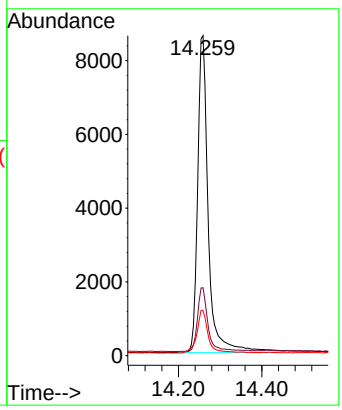


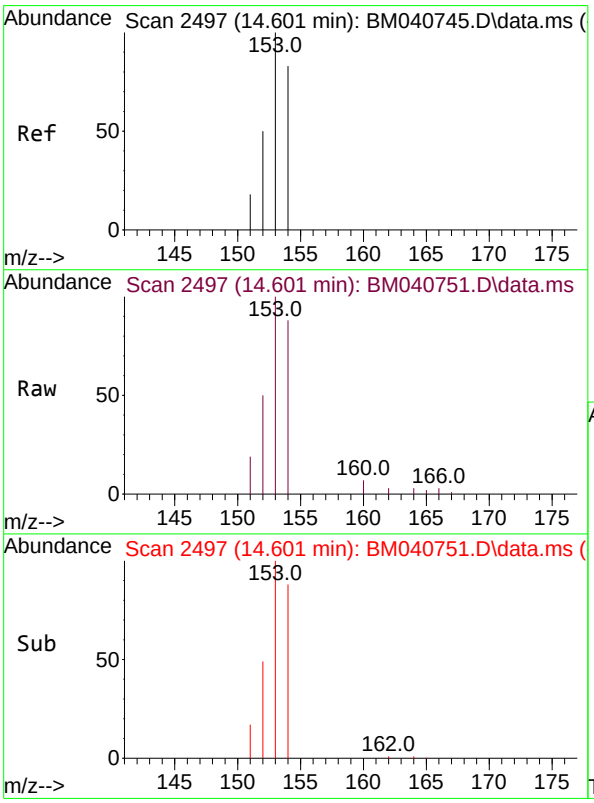
#10
Acenaphthylene
Concen: 0.424 ng/ul
RT: 14.259 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Instrument :
BNA_M
ClientSampleId :
YBTY3MSD

Tgt Ion:152 Resp: 15303

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.2	24.2
153	14.0	10.9	16.3

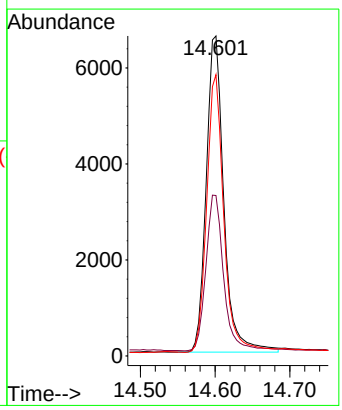


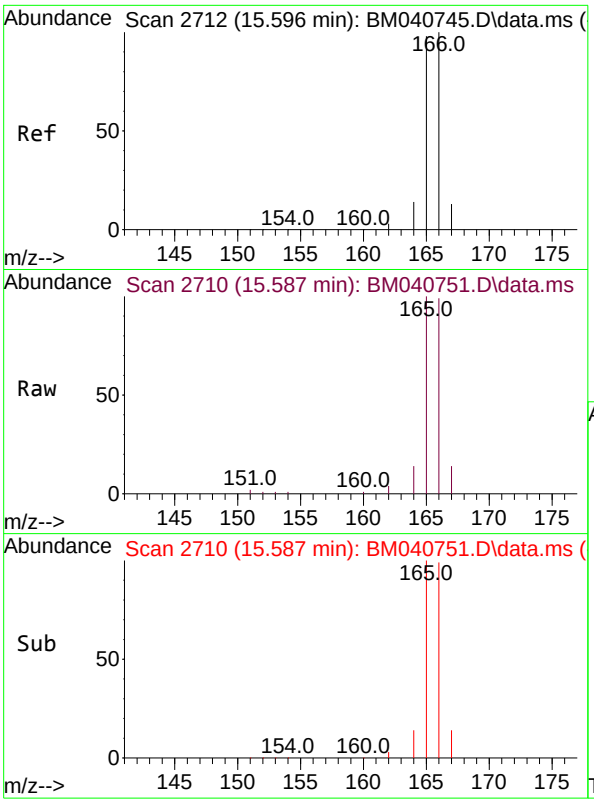


#11
Acenaphthene
Concen: 0.355 ng/ul
RT: 14.601 min Scan# 2497
Delta R.T. -0.005 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Tgt Ion:153 Resp: 10806

Ion	Ratio	Lower	Upper
153	100		
152	50.2	41.0	61.4
154	87.9	70.8	106.2



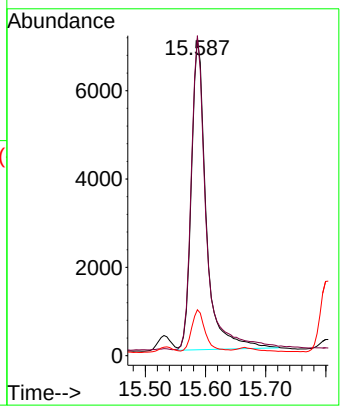


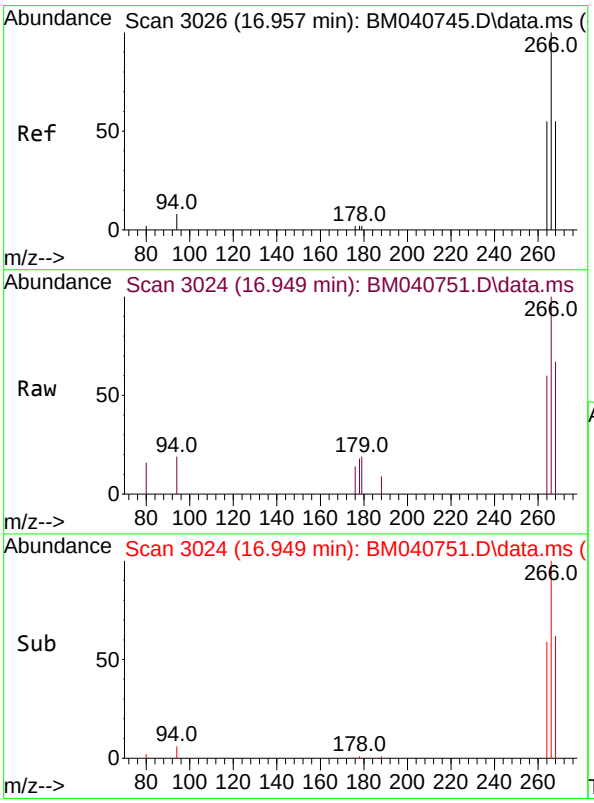
#12
Fluorene
Concen: 0.370 ng/ul
RT: 15.587 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Instrument :
BNA_M
ClientSampleId :
YBTY3MSD

Tgt Ion:166 Resp: 12031

Ion	Ratio	Lower	Upper
166	100		
165	101.0	79.6	119.4
167	14.5	11.4	17.0

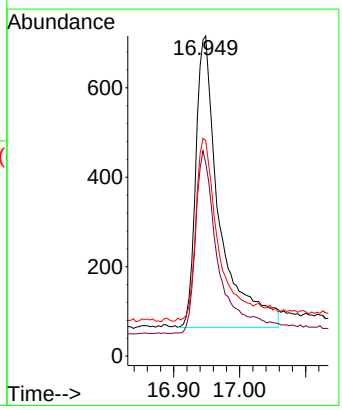


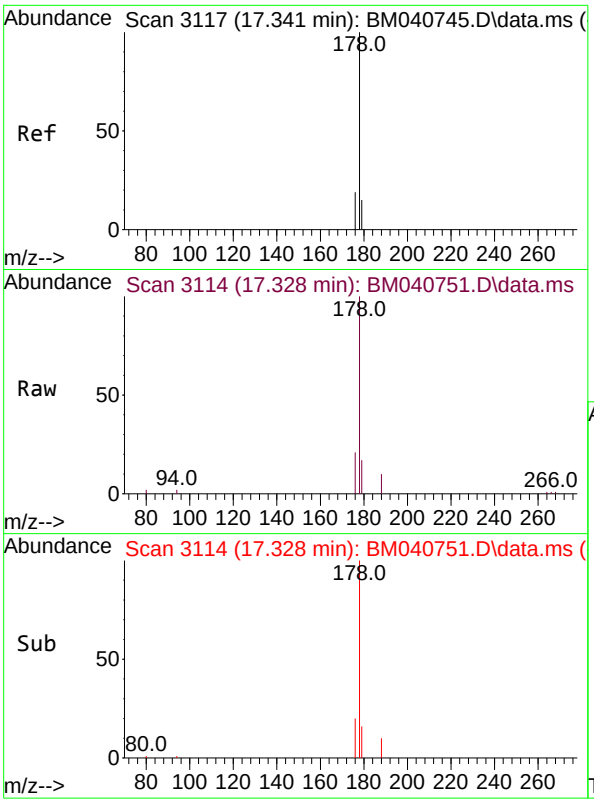


#14
Pentachlorophenol
Concen: 0.576 ng/ul
RT: 16.949 min Scan# 3024
Delta R.T. -0.009 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Tgt Ion:266 Resp: 1630

Ion	Ratio	Lower	Upper
266	100		
264	60.9	45.4	68.0
268	63.3	47.2	70.8



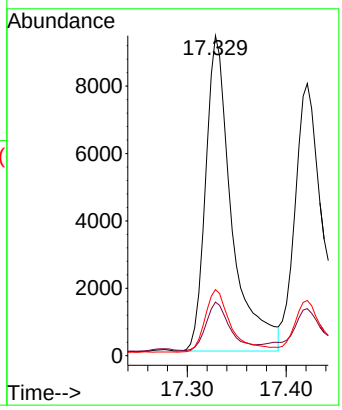


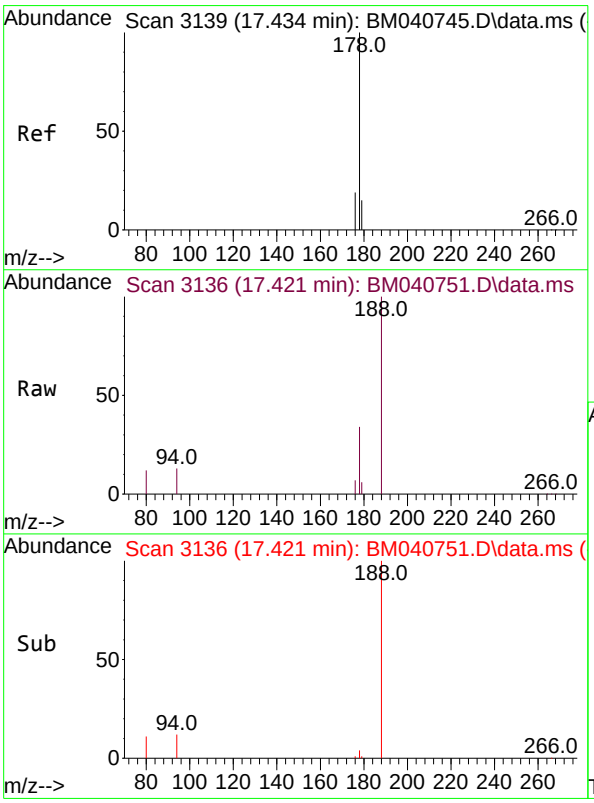
#15
Phenanthrene
Concen: 0.376 ng/ul
RT: 17.328 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Instrument :
BNA_M
ClientSampleId :
YBTY3MSD

Tgt Ion:178 Resp: 17153

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.8	19.2
176	20.7	16.4	24.6

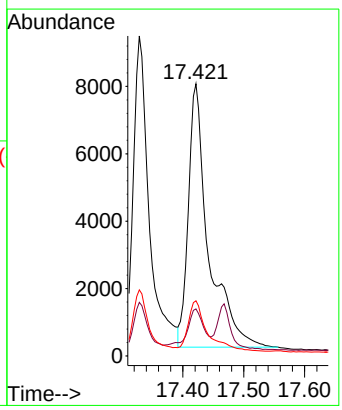


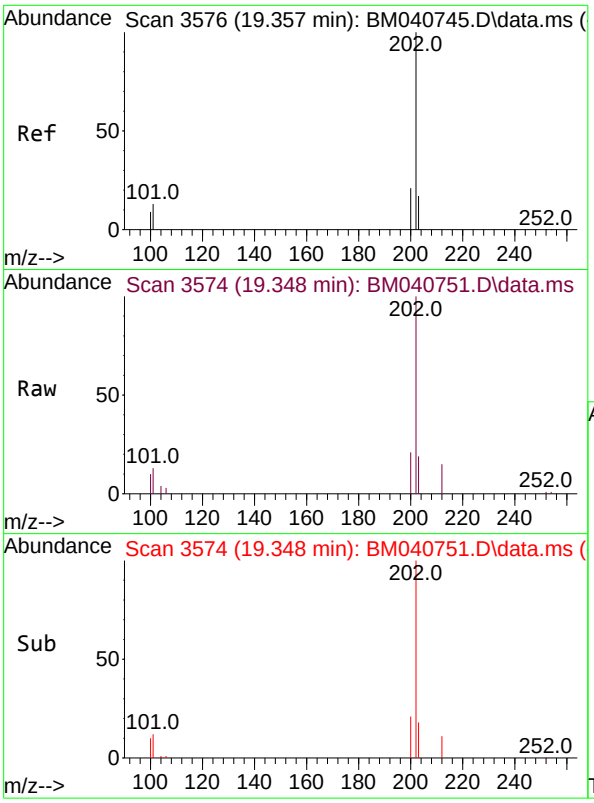


#16
Anthracene
Concen: 0.470 ng/ul
RT: 17.421 min Scan# 3136
Delta R.T. -0.017 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Tgt Ion:178 Resp: 18020

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.9	19.3
176	20.3	15.8	23.6



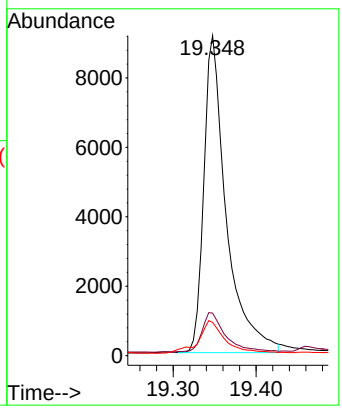


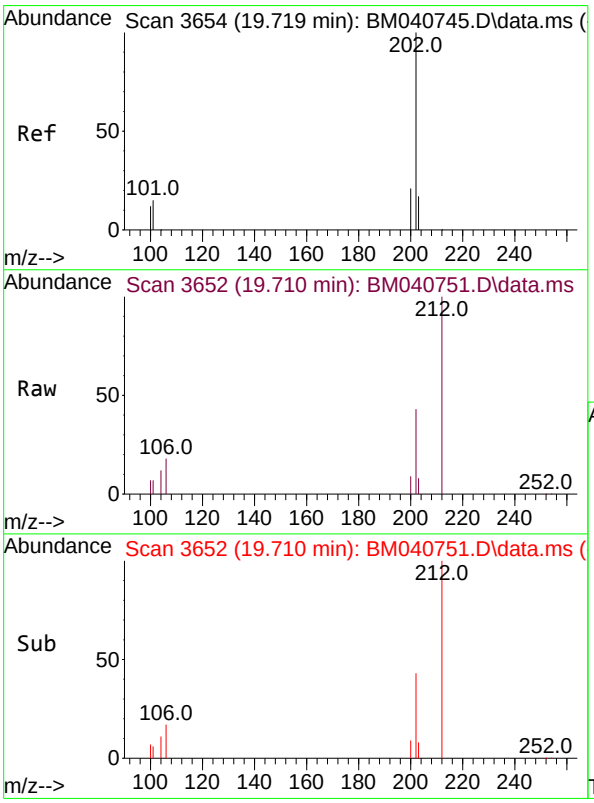
#19
Fluoranthene
Concen: 0.457 ng/ul
RT: 19.348 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Instrument :
BNA_M
ClientSampleId :
YBTY3MSD

Tgt Ion:202 Resp: 17162

Ion	Ratio	Lower	Upper
202	100		
101	13.3	11.4	17.0
100	10.4	8.7	13.1

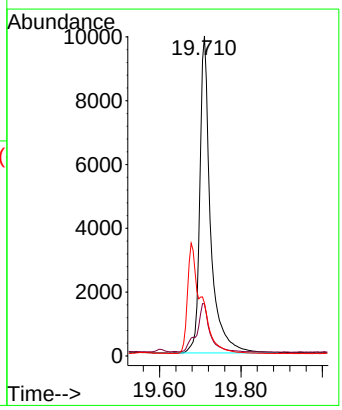


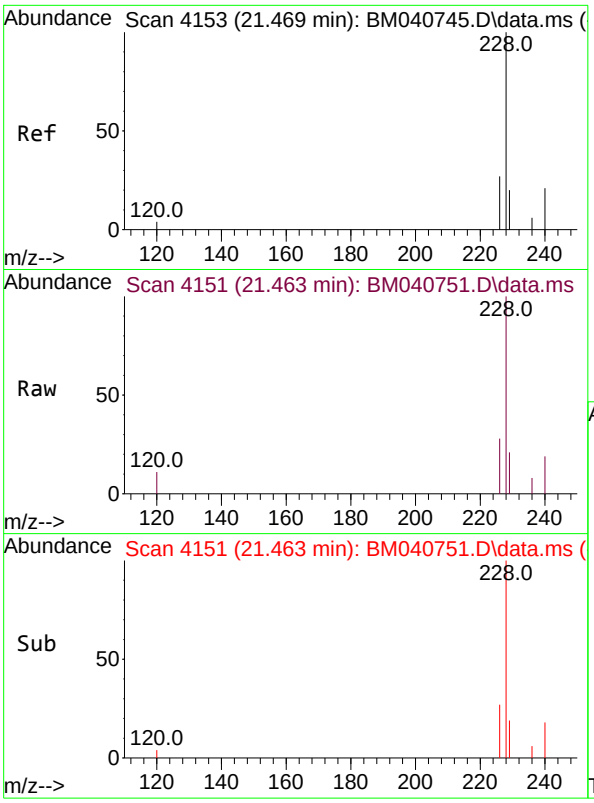


#20
Pyrene
Concen: 0.451 ng/ul
RT: 19.710 min Scan# 3652
Delta R.T. -0.009 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Tgt Ion:202 Resp: 18170

Ion	Ratio	Lower	Upper
202	100		
101	16.3	12.6	18.8
100	16.5	9.8	14.6#



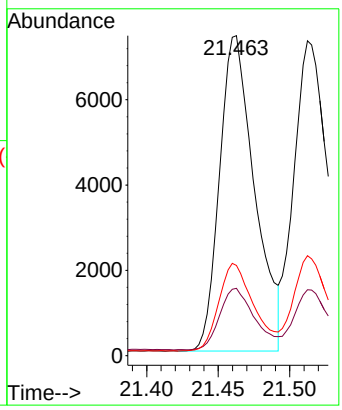


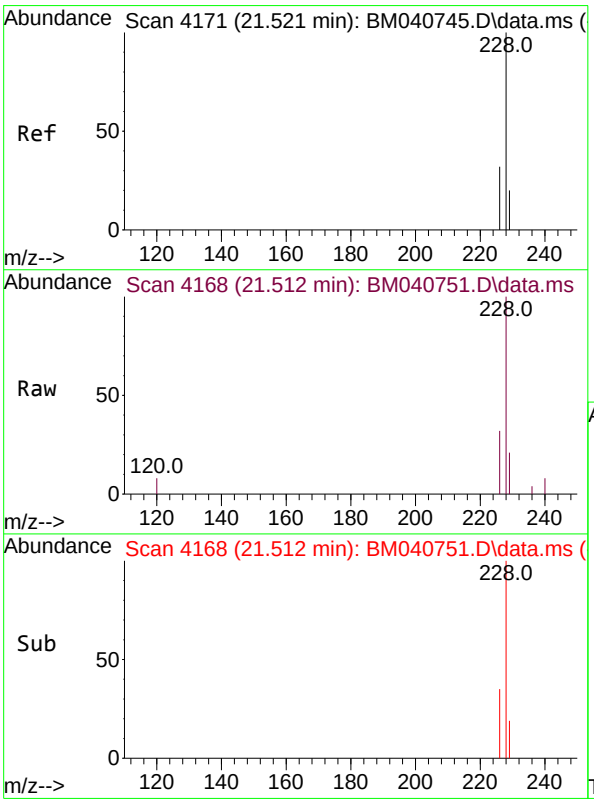
#21
Benzo(a)anthracene
Concen: 0.422 ng/ul
RT: 21.463 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Instrument :
BNA_M
ClientSampleId :
YBTY3MSD

Tgt Ion:228 Resp: 12628

Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.0	24.0
226	28.2	22.3	33.5

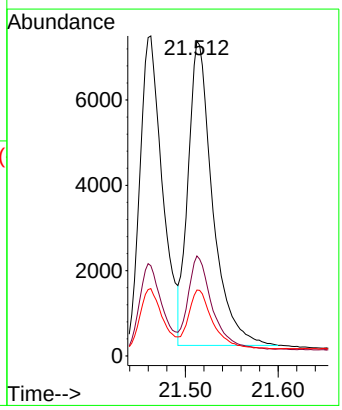


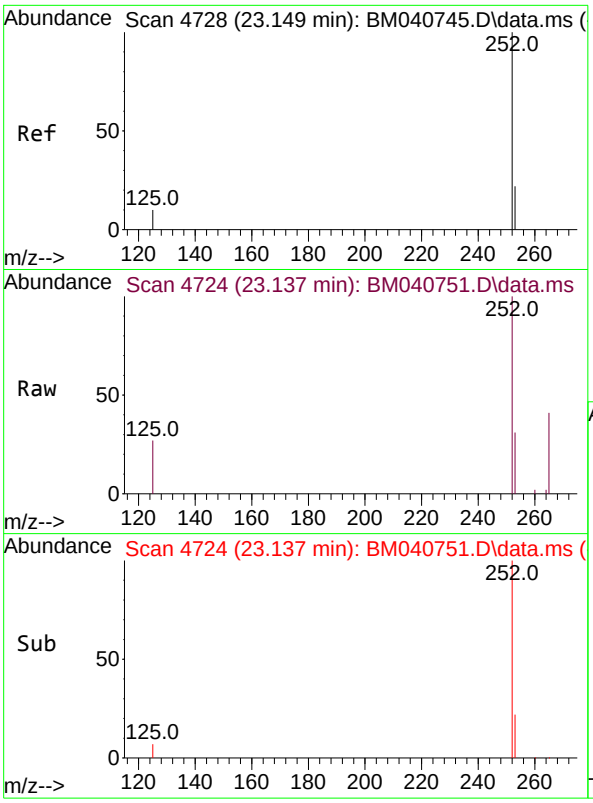


#22
Chrysene
Concen: 0.383 ng/ul
RT: 21.512 min Scan# 4168
Delta R.T. -0.012 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Tgt Ion:228 Resp: 13083

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	20.9	15.8	23.6



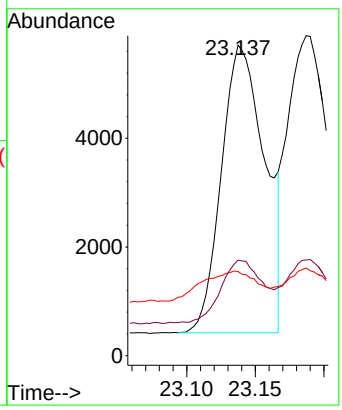


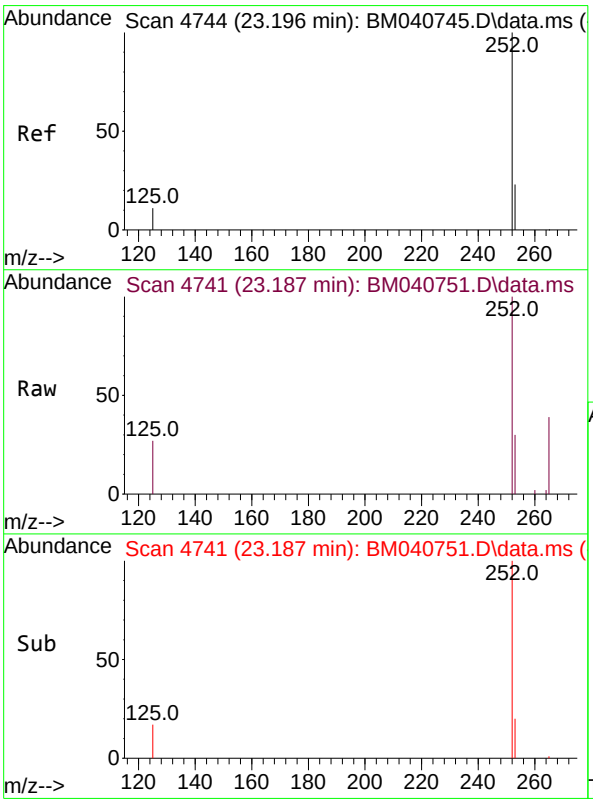
#24
Benzo(b)fluoranthene
Concen: 0.401 ng/ul
RT: 23.137 min Scan# 4
Delta R.T. -0.015 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Instrument :
BNA_M
ClientSampleId :
YBTY3MSD

Tgt Ion:252 Resp: 11672

Ion	Ratio	Lower	Upper
252	100		
253	30.8	0.0	52.8
125	27.1	0.0	43.0

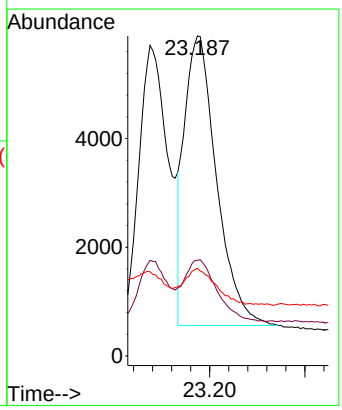


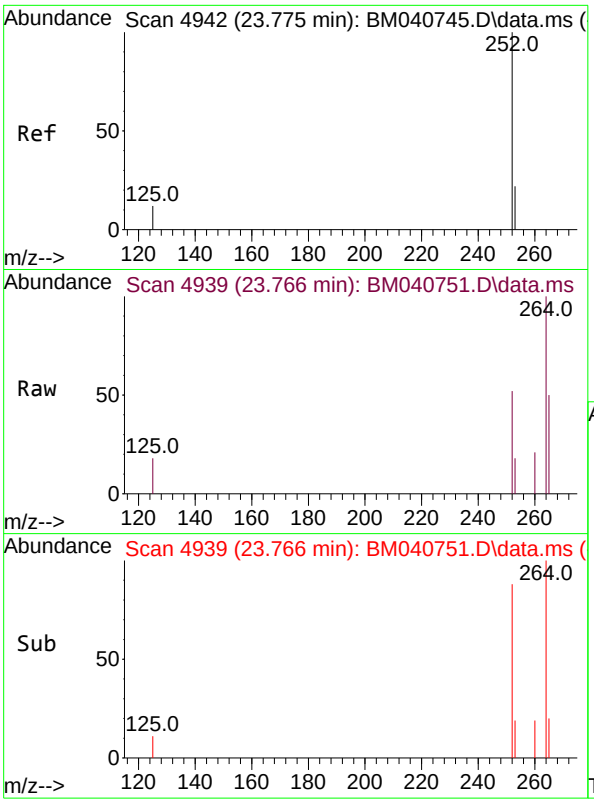


#25
Benzo(k)fluoranthene
Concen: 0.434 ng/ul
RT: 23.187 min Scan# 4741
Delta R.T. -0.015 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Tgt Ion:252 Resp: 12460

Ion	Ratio	Lower	Upper
252	100		
253	29.9	21.2	31.8
125	27.4	16.4	24.6#



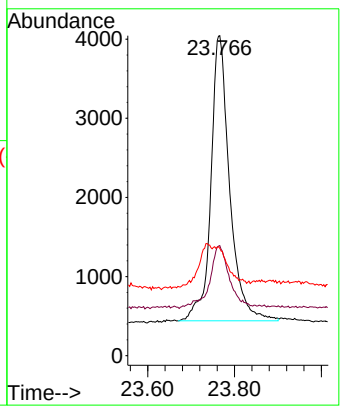


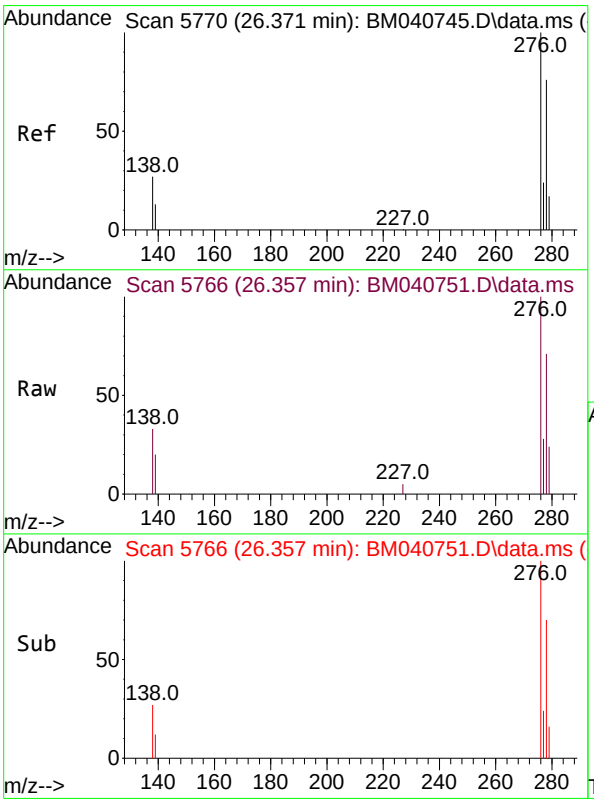
#26
Benzo(a)pyrene
Concen: 0.412 ng/ul
RT: 23.766 min Scan# 4
Delta R.T. -0.015 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Instrument :
BNA_M
ClientSampleId :
YBTY3MSD

Tgt Ion:252 Resp: 10805

Ion	Ratio	Lower	Upper
252	100		
253	34.4	22.9	34.3#
125	33.6	21.0	31.4#

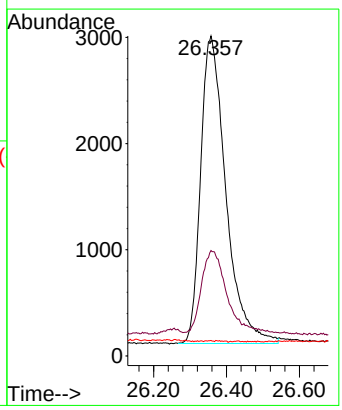


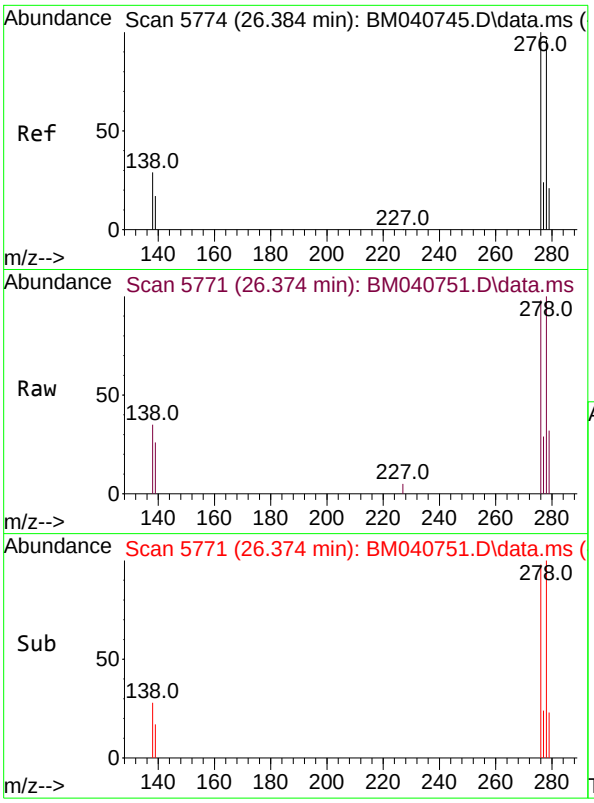


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng/ul
RT: 26.357 min Scan# 5766
Delta R.T. -0.020 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Tgt Ion:276 Resp: 13874

Ion	Ratio	Lower	Upper
276	100		
138	27.0	24.5	36.7
227	0.1	0.1	0.1#



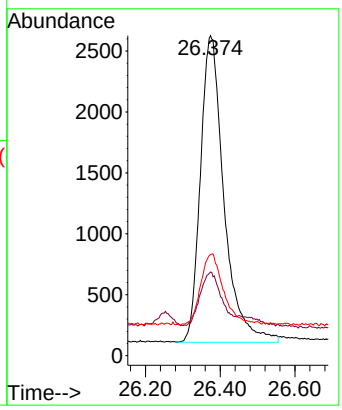


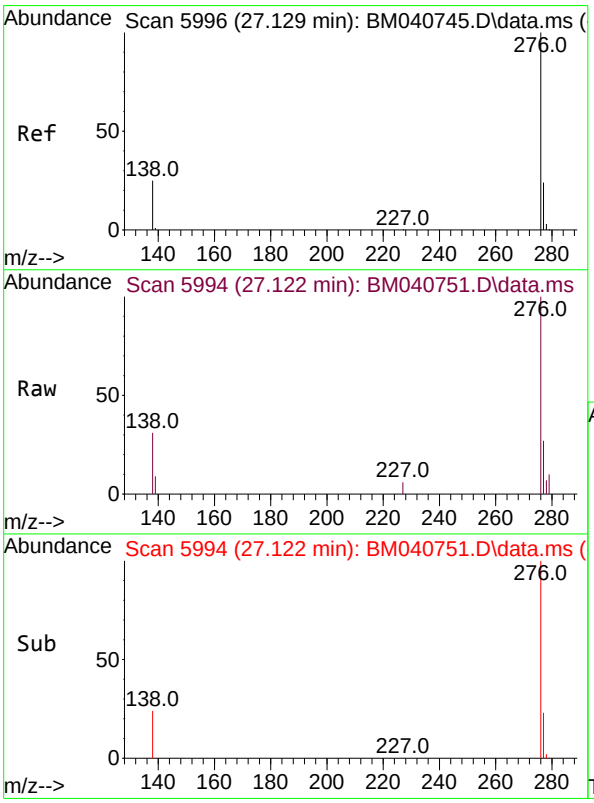
#28
Dibenzo(a,h)anthracene
Concen: 0.384 ng/ul
RT: 26.374 min Scan# 5
Delta R.T. -0.014 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Instrument :
BNA_M
ClientSampleId :
YBTY3MSD

Tgt Ion:278 Resp: 10993

Ion	Ratio	Lower	Upper
278	100		
139	26.2	17.9	26.9
279	31.6	22.0	33.0





#29
Benzo(g,h,i)perylene
Concen: 0.371 ng/ul
RT: 27.122 min Scan# 5994
Delta R.T. -0.014 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Tgt Ion:276 Resp: 11868

Ion	Ratio	Lower	Upper
276	100		
138	30.7	23.0	34.6
277	27.3	20.3	30.5