Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051622\
Data File : BM035110.D
Acq On : 16 May 2022 18:49
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4100

Quant Time: May 17 00:51:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.917	152	2565	0.400	ng/ul		0.00
4) Naphthalene-d8	10.716	136	8210	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.552	164	5159	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.292	188	11218	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.474	240	9221	0.400	ng/ul		0.00
23) Perylene-d12	23.865	264	7628	0.400	ng/ul	#	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.361	96	1253	0.408	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.310	152	5719	0.437	ng/ul		0.00
18) Fluoranthene-d10	19.322	212	12795	0.405	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.394	88	1088	0.353	ng/ul	#	67
5) Naphthalene	10.765	128	10707	0.395	ng/ul	#	88
7) 2-Methylnaphthalene	12.382	142	7276	0.409	ng/ul		99
8) 1-Methylnaphthalene	12.596	142	7102	0.429	ng/ul		99
10) Acenaphthylene	14.270	152	11812	0.386	ng/ul	#	89
11) Acenaphthene	14.612	153	8607	0.390	ng/ul		96
12) Fluorene	15.598	166	10012	0.388	ng/ul	#	97
14) Pentachlorophenol	16.950	266	1601	0.378	ng/ul		98
15) Phenanthrene	17.334	178	16420	0.384	ng/ul		94
16) Anthracene	17.427	178	14931	0.384	ng/ul	#	92
19) Fluoranthene	19.350	202	19032	0.368	ng/ul		97
20) Pyrene	19.712	202	19340	0.368	ng/ul		100
21) Benzo(a)anthracene	21.459	228	15536	0.364	ng/ul		97
22) Chrysene	21.512	228	16571	0.373	ng/ul		98
24) Benzo(b)fluoranthene	23.137	252	14710	0.368	ng/ul		91
25) Benzo(k)fluoranthene	23.183	252	14811	0.388	ng/ul	#	90
26) Benzo(a)pyrene	23.756	252	13744	0.378	ng/ul	#	86
27) Indeno(1,2,3-cd)pyrene	26.336	276	14994	0.416	ng/ul	#	84
28) Dibenzo(a,h)anthracene	26.356	278	12093	0.422	ng/ul	#	91
29) Benzo(g,h,i)perylene	27.094	276	12734	0.411	ng/ul		95

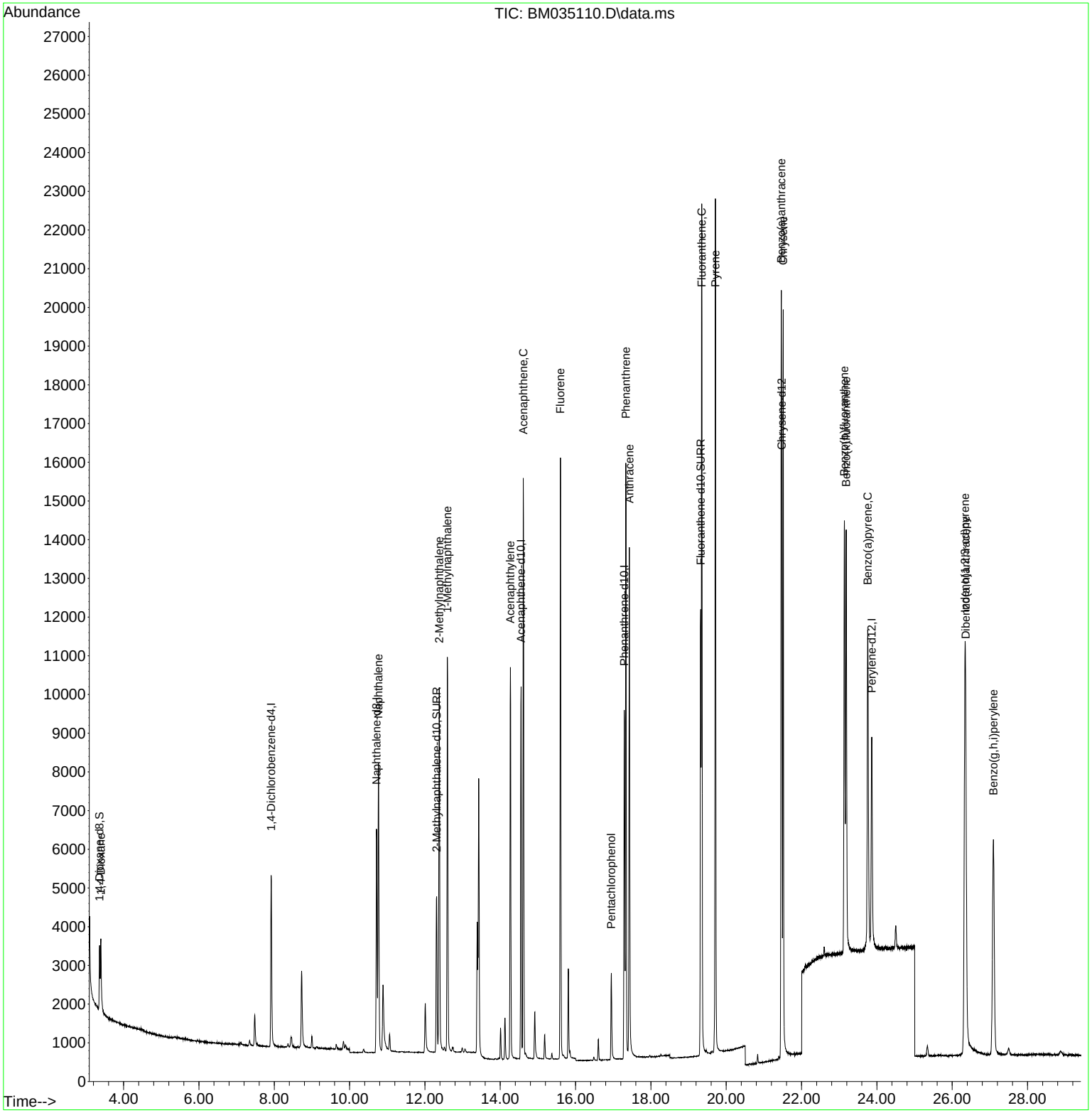
(#) = qualifier out of range (m) = manual integration (+) = signals summed

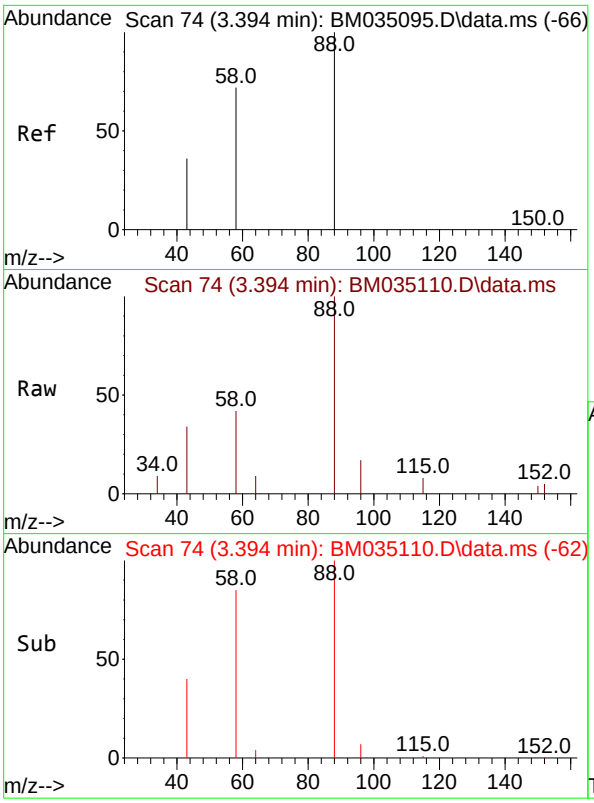
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051622\
Data File : BM035110.D
Acq On : 16 May 2022 18:49
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4100

Quant Time: May 17 00:51:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration



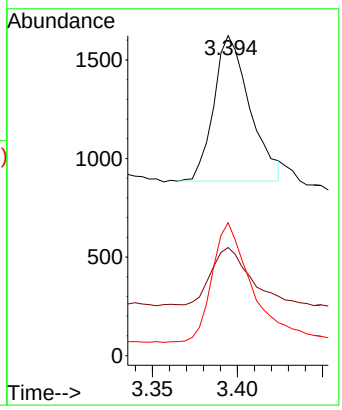


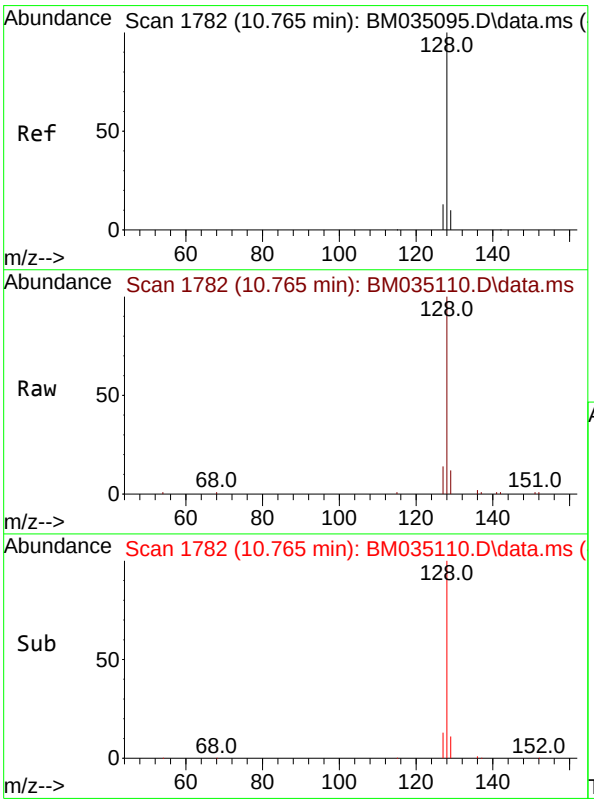
#2
1,4-Dioxane
Concen: 0.353 ng/ul
RT: 3.394 min Scan# 74
Delta R.T. 0.000 min
Lab File: BM035110.D
Acq: 16 May 2022 18:49

Instrument :
BNA_M
ClientSampleId :
SSTD0.4100

Tgt Ion: 88 Resp: 1088

Ion	Ratio	Lower	Upper
88	100		
43	33.8	49.7	74.5#
58	41.5	52.5	78.7#

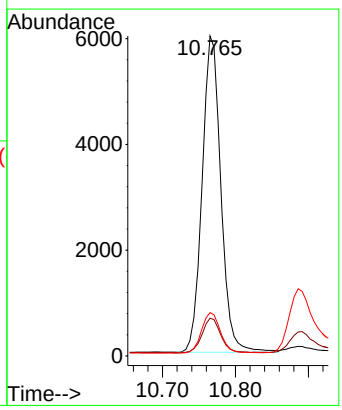


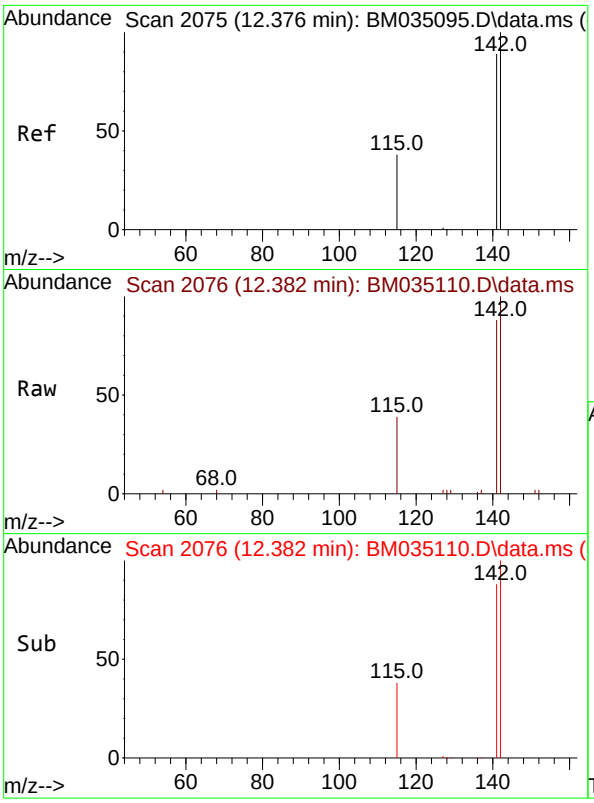


#5
Naphthalene
Concen: 0.395 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM035110.D
Acq: 16 May 2022 18:49

Tgt Ion:128 Resp: 10707

Ion	Ratio	Lower	Upper
128	100		
129	11.8	13.4	20.2#
127	13.5	15.2	22.8#



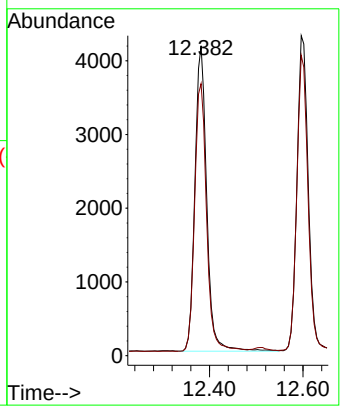


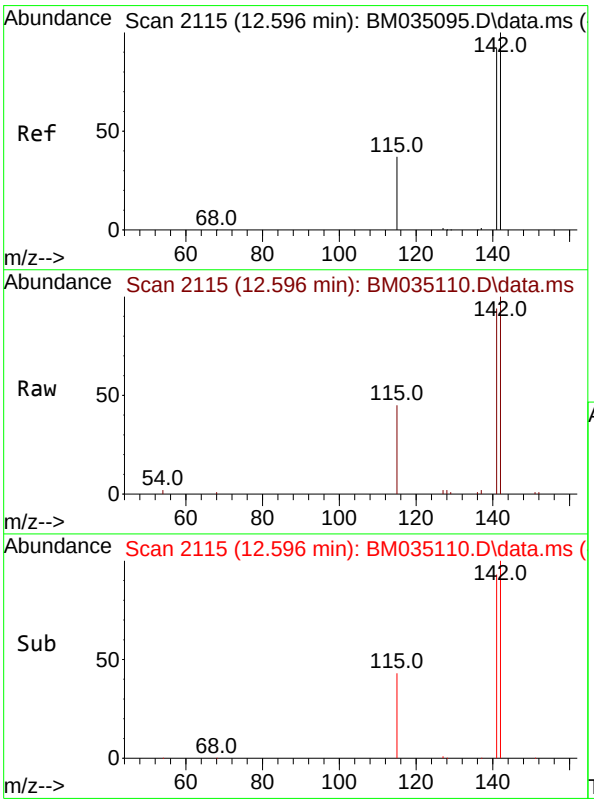
#7
2-Methylnaphthalene
Concen: 0.409 ng/ul
RT: 12.382 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM035110.D
Acq: 16 May 2022 18:49

Instrument :
BNA_M
ClientSampleId :
SSTD0.4100

Tgt Ion:142 Resp: 7276

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.8	107.6

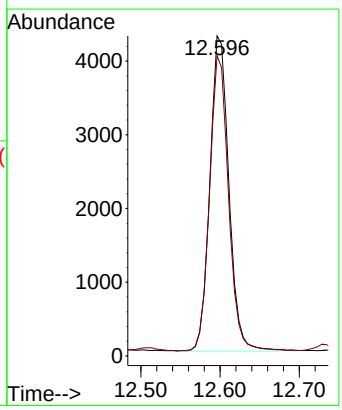


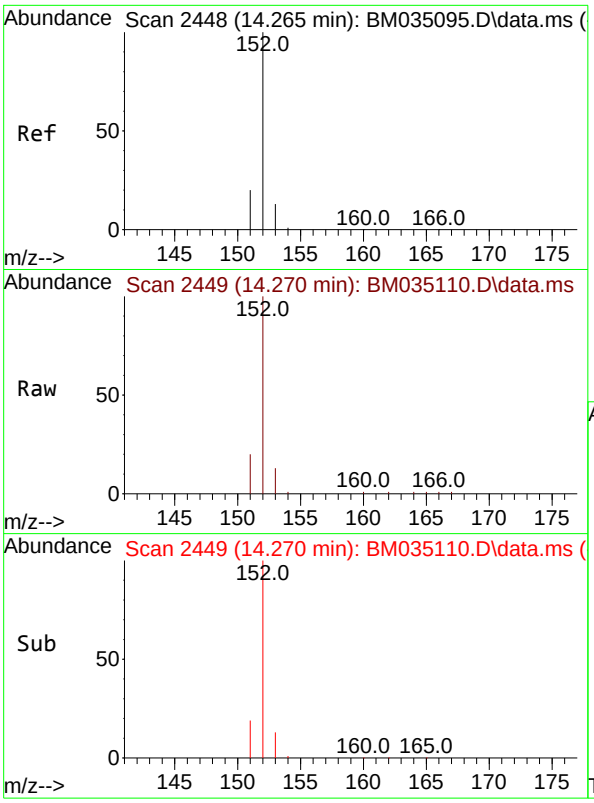


#8
1-Methylnaphthalene
Concen: 0.429 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM035110.D
Acq: 16 May 2022 18:49

Tgt Ion:142 Resp: 7102

Ion	Ratio	Lower	Upper
142	100		
141	92.9	75.0	112.4



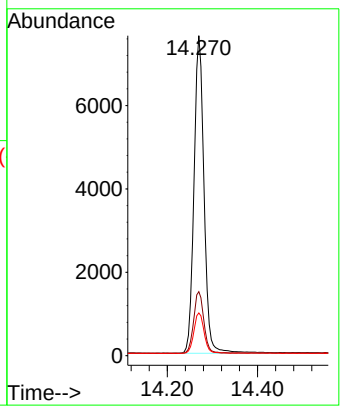


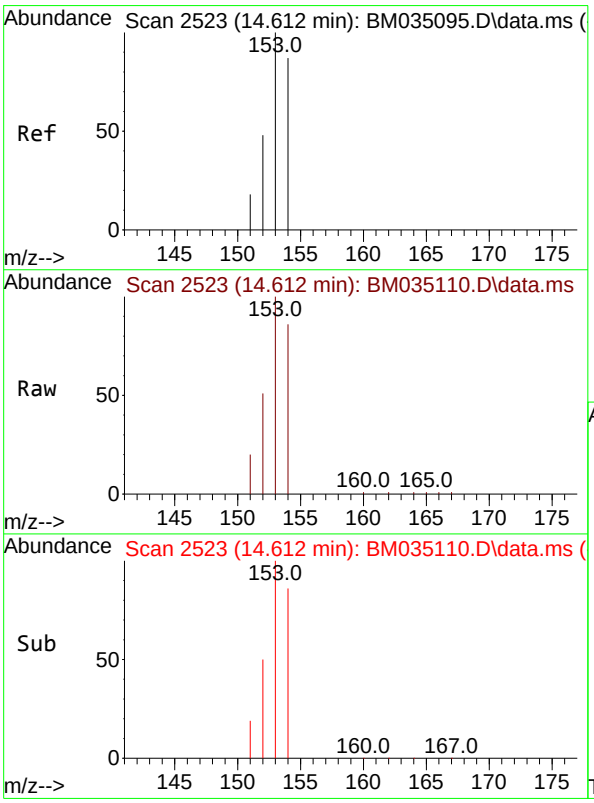
#10
Acenaphthylene
Concen: 0.386 ng/ul
RT: 14.270 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM035110.D
Acq: 16 May 2022 18:49

Instrument :
BNA_M
ClientSampleId :
SSTD0.4100

Tgt Ion:152 Resp: 11812

Ion	Ratio	Lower	Upper
152	100		
151	20.0	19.9	29.9
153	13.3	15.0	22.4#

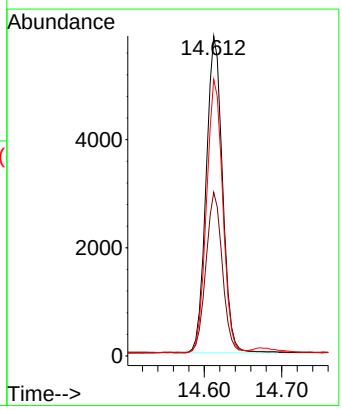


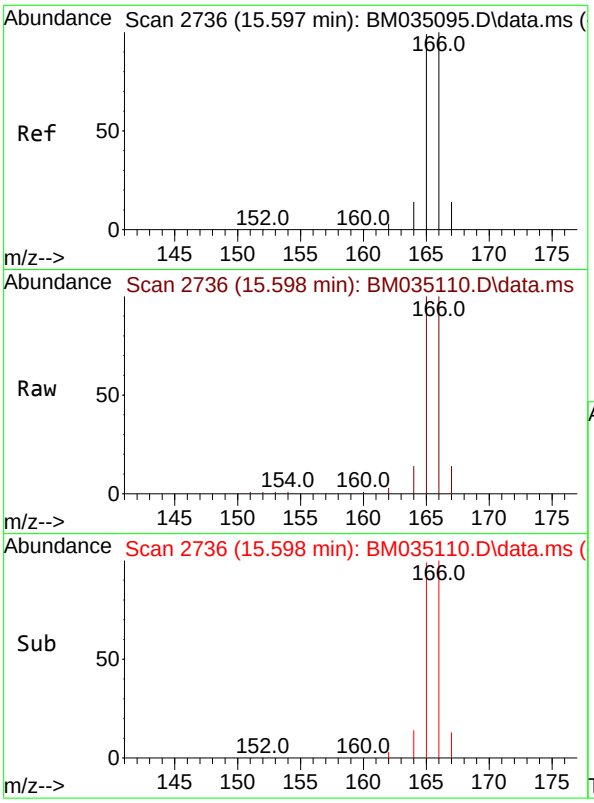


#11
Acenaphthene
Concen: 0.390 ng/ul
RT: 14.612 min Scan# 2523
Delta R.T. -0.005 min
Lab File: BM035110.D
Acq: 16 May 2022 18:49

Tgt Ion:153 Resp: 8607

Ion	Ratio	Lower	Upper
153	100		
152	51.1	42.4	63.6
154	86.4	66.2	99.2



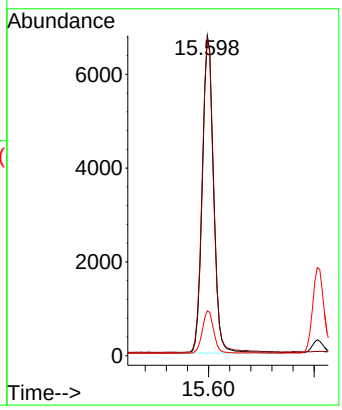


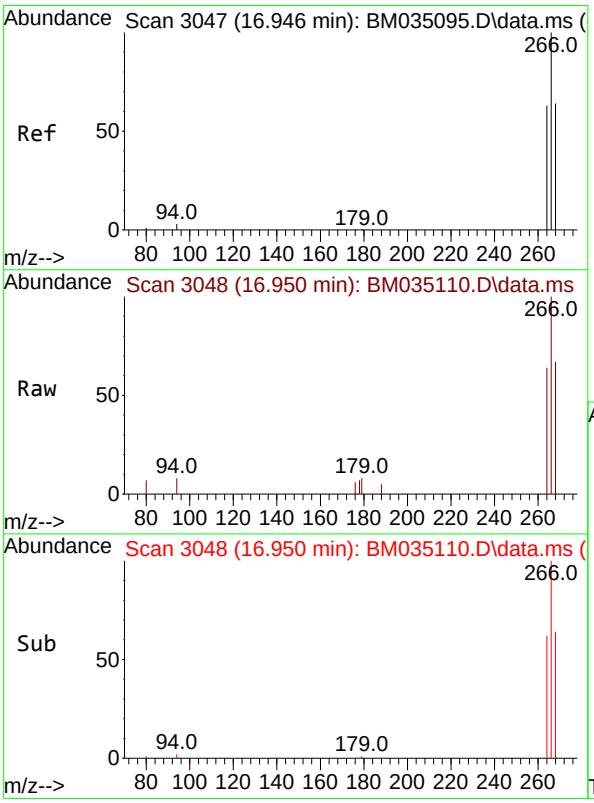
#12
Fluorene
Concen: 0.388 ng/ul
RT: 15.598 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM035110.D
Acq: 16 May 2022 18:49

Instrument :
BNA_M
ClientSampleId :
SSTD0.4100

Tgt Ion:166 Resp: 10012

Ion	Ratio	Lower	Upper
166	100		
165	99.7	81.1	121.7
167	14.0	14.9	22.3#

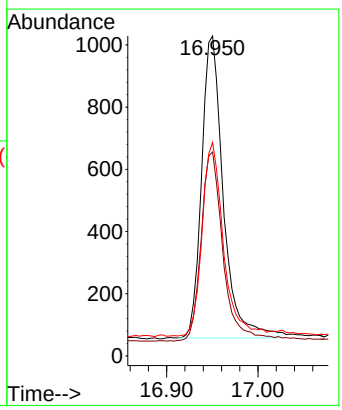


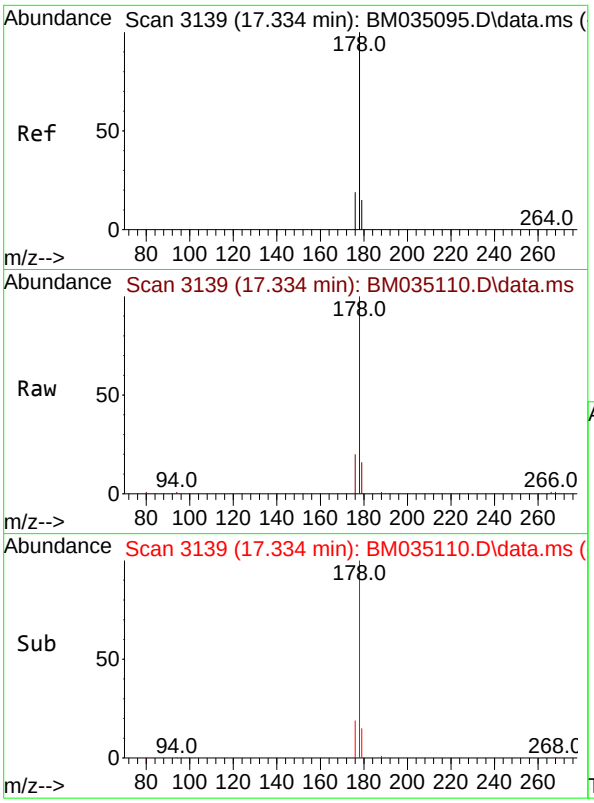


#14
Pentachlorophenol
Concen: 0.378 ng/ul
RT: 16.950 min Scan# 3048
Delta R.T. 0.004 min
Lab File: BM035110.D
Acq: 16 May 2022 18:49

Tgt Ion:266 Resp: 1601

Ion	Ratio	Lower	Upper
266	100		
264	63.6	51.4	77.0
268	64.0	53.1	79.7



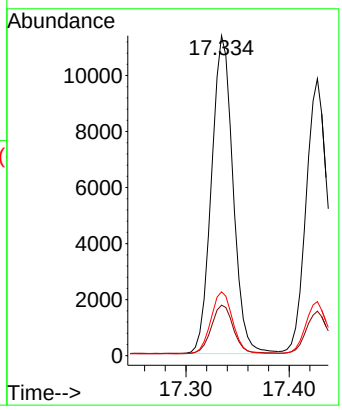


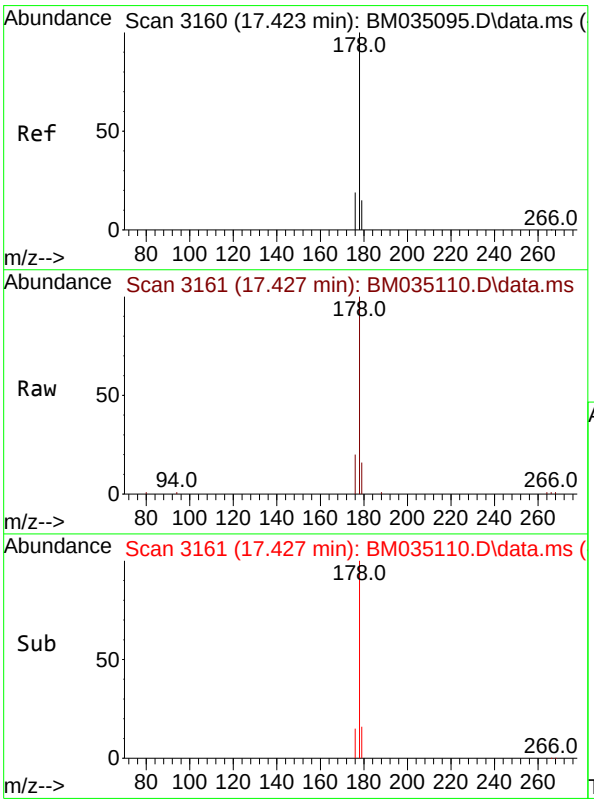
#15
Phenanthrene
Concen: 0.384 ng/ul
RT: 17.334 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM035110.D
Acq: 16 May 2022 18:49

Instrument :
BNA_M
ClientSampleId :
SSTD0.4100

Tgt Ion:178 Resp: 16420

Ion	Ratio	Lower	Upper
178	100		
179	15.8	15.0	22.6
176	20.0	17.9	26.9

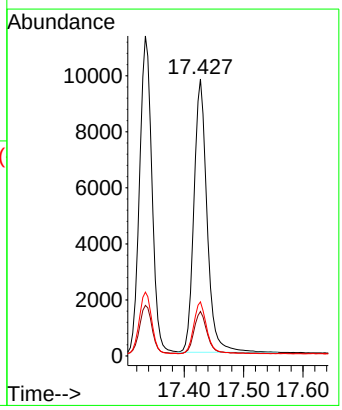


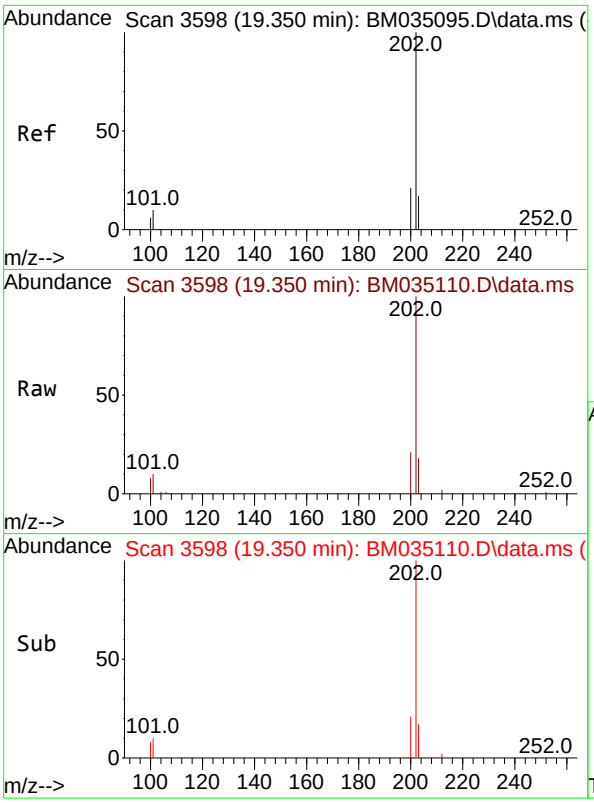


#16
Anthracene
Concen: 0.384 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM035110.D
Acq: 16 May 2022 18:49

Tgt Ion:178 Resp: 14931

Ion	Ratio	Lower	Upper
178	100		
179	16.1	16.5	24.7#
176	19.5	18.3	27.5



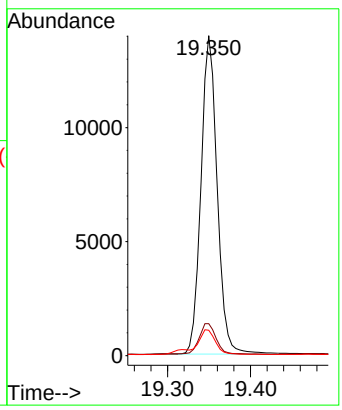


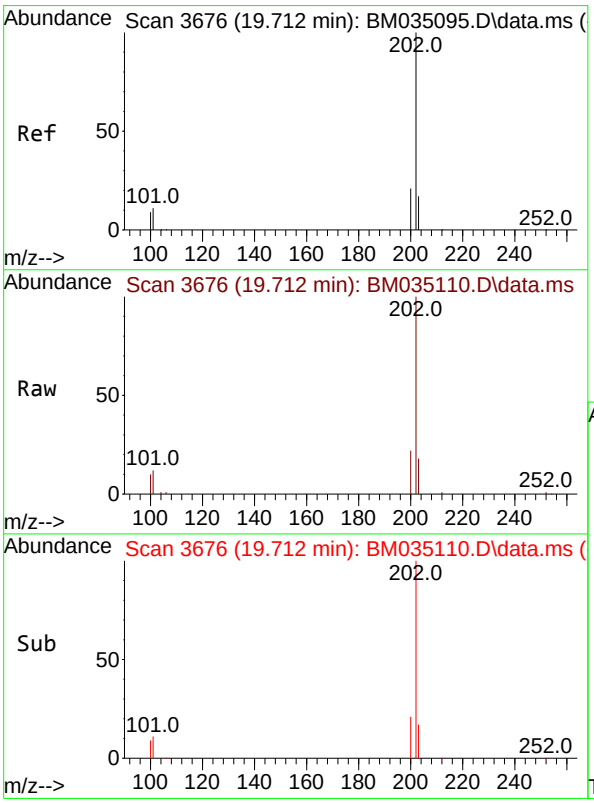
#19
Fluoranthene
Concen: 0.368 ng/ul
RT: 19.350 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM035110.D
Acq: 16 May 2022 18:49

Instrument :
BNA_M
ClientSampleId :
SSTD0.4100

Tgt Ion:202 Resp: 19032

Ion	Ratio	Lower	Upper
202	100		
101	10.0	9.2	13.8
100	8.0	7.2	10.8

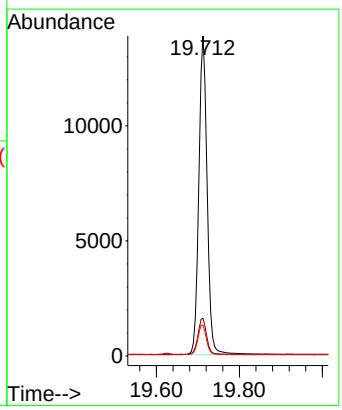


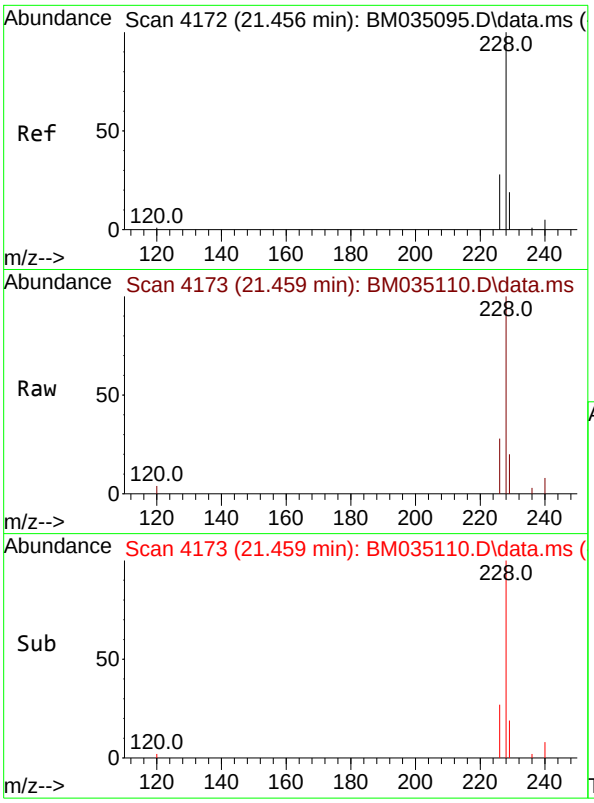


#20
Pyrene
Concen: 0.368 ng/ul
RT: 19.712 min Scan# 3676
Delta R.T. 0.000 min
Lab File: BM035110.D
Acq: 16 May 2022 18:49

Tgt Ion:202 Resp: 19340

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.3	13.9
100	9.6	7.8	11.6





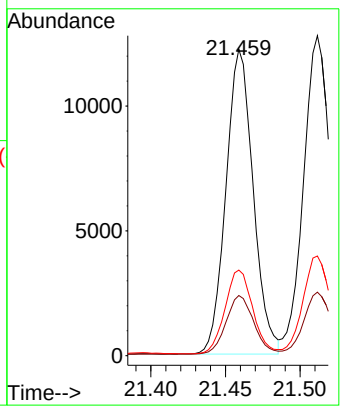
#21
Benzo(a)anthracene
Concen: 0.364 ng/ul
RT: 21.459 min Scan# 4

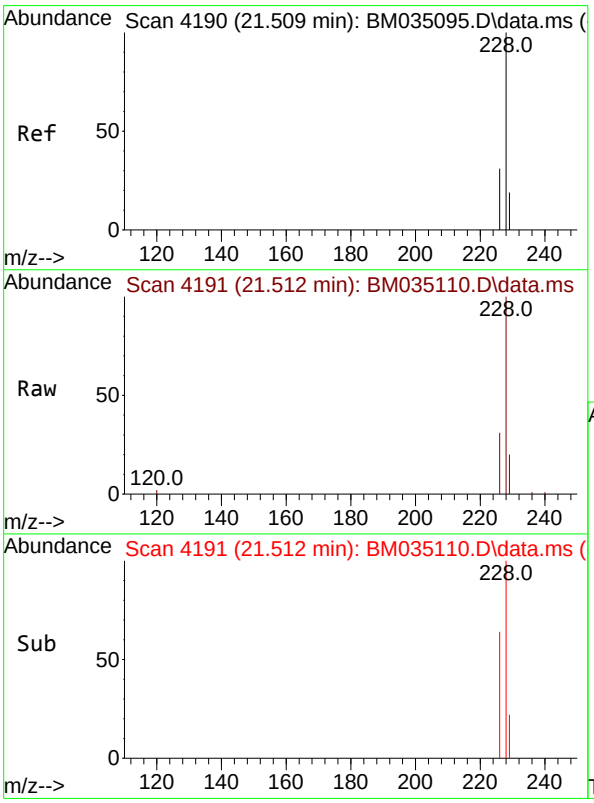
Instrument :
BNA_M
ClientSampleId :
SSTD0.4100

Delta R.T. 0.000 min
Lab File: BM035110.D
Acq: 16 May 2022 18:49

Tgt Ion:228 Resp: 15536

Ion	Ratio	Lower	Upper
228	100		
229	19.6	17.3	25.9
226	27.9	23.2	34.8

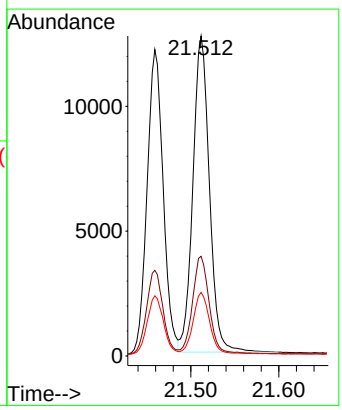


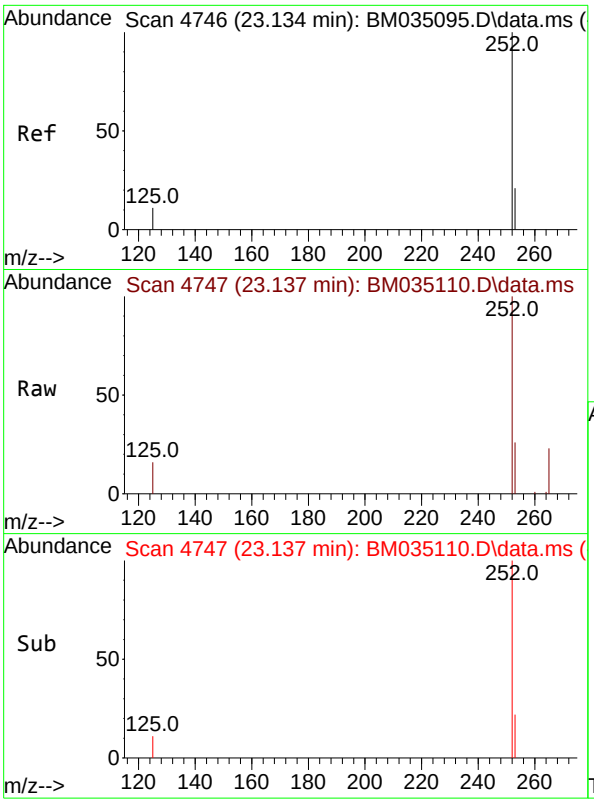


#22
Chrysene
Concen: 0.373 ng/ul
RT: 21.512 min Scan# 4191
Delta R.T. 0.000 min
Lab File: BM035110.D
Acq: 16 May 2022 18:49

Tgt Ion:228 Resp: 16571

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.8	38.8
229	19.9	16.7	25.1



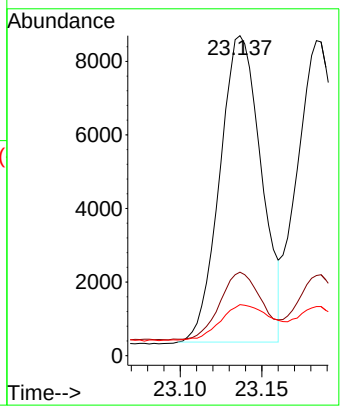


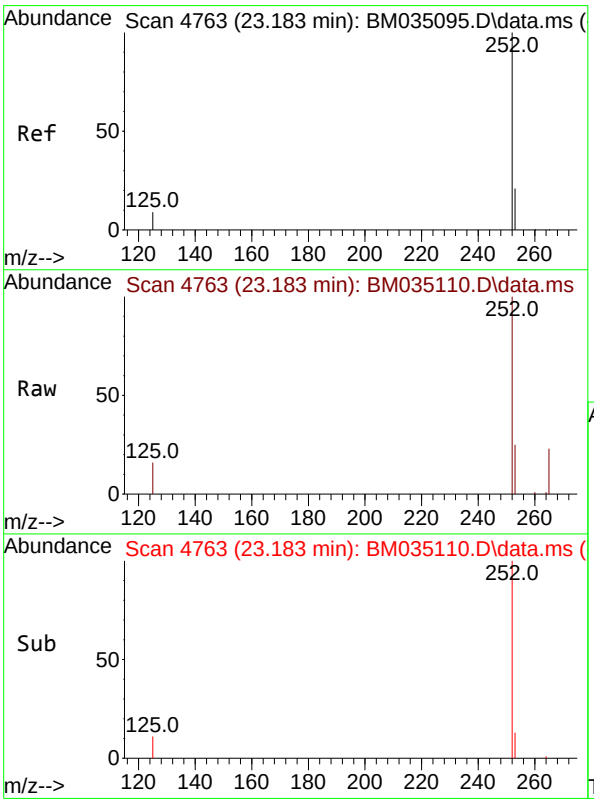
#24
Benzo(b)fluoranthene
Concen: 0.368 ng/ul
RT: 23.137 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM035110.D
Acq: 16 May 2022 18:49

Instrument :
BNA_M
ClientSampleId :
SSTD0.4100

Tgt Ion:252 Resp: 14710

Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	64.2
125	16.0	0.0	28.8

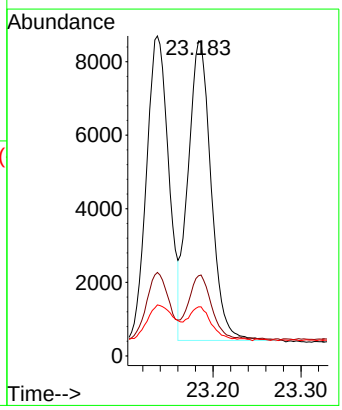


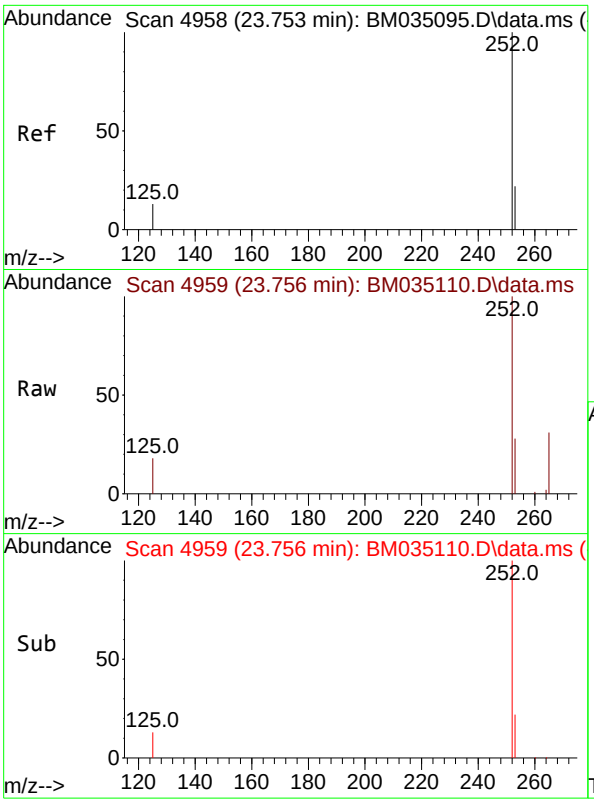


#25
Benzo(k)fluoranthene
Concen: 0.388 ng/ul
RT: 23.183 min Scan# 4763
Delta R.T. 0.003 min
Lab File: BM035110.D
Acq: 16 May 2022 18:49

Tgt Ion:252 Resp: 14811

Ion	Ratio	Lower	Upper
252	100		
253	25.4	26.8	40.2#
125	15.6	12.0	18.0



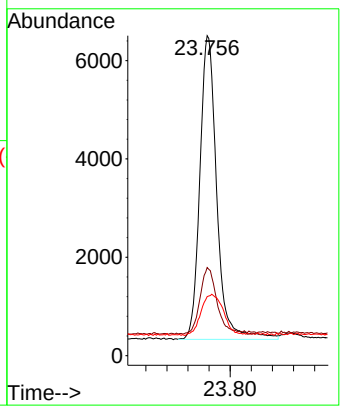


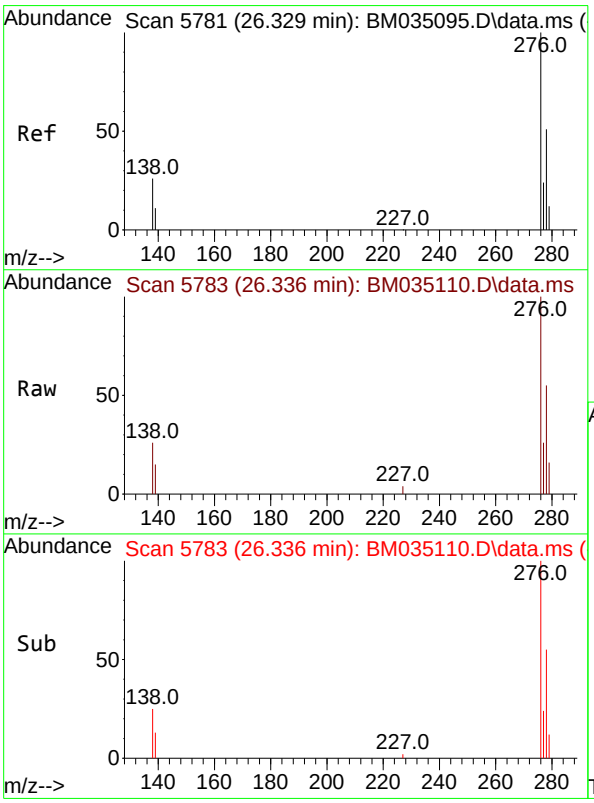
#26
Benzo(a)pyrene
Concen: 0.378 ng/ul
RT: 23.756 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM035110.D
Acq: 16 May 2022 18:49

Instrument :
BNA_M
ClientSampleId :
SSTD0.4100

Tgt Ion:252 Resp: 13744

Ion	Ratio	Lower	Upper
252	100		
253	27.5	32.0	48.0#
125	18.5	14.5	21.7

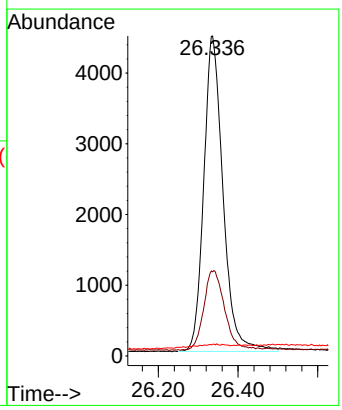


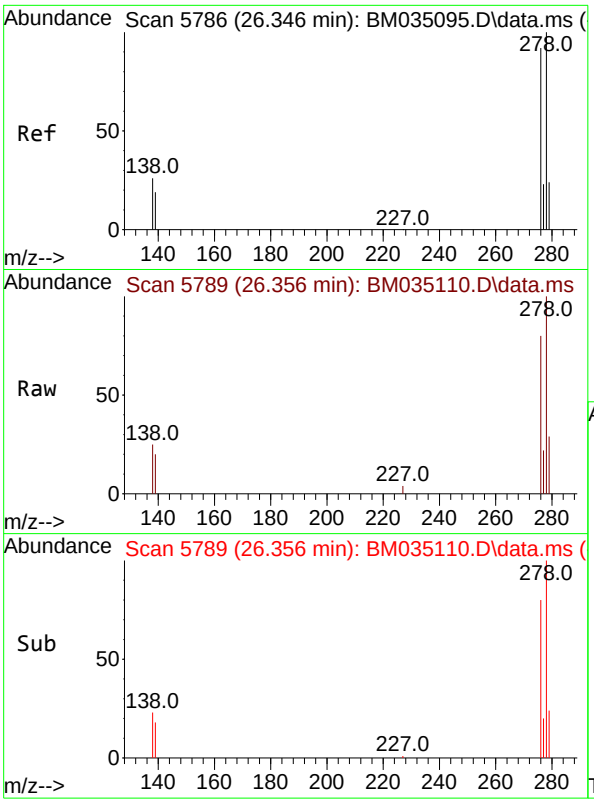


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.416 ng/ul
RT: 26.336 min Scan# 5783
Delta R.T. 0.010 min
Lab File: BM035110.D
Acq: 16 May 2022 18:49

Tgt Ion:276 Resp: 14994

Ion	Ratio	Lower	Upper
276	100		
138	27.2	15.8	23.6#
227	2.3	0.0	0.0#



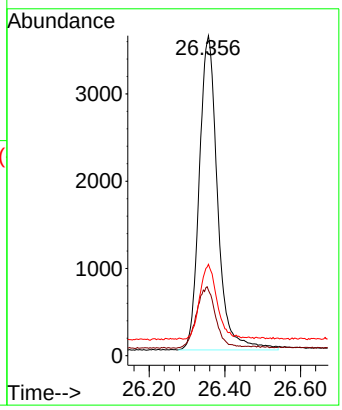


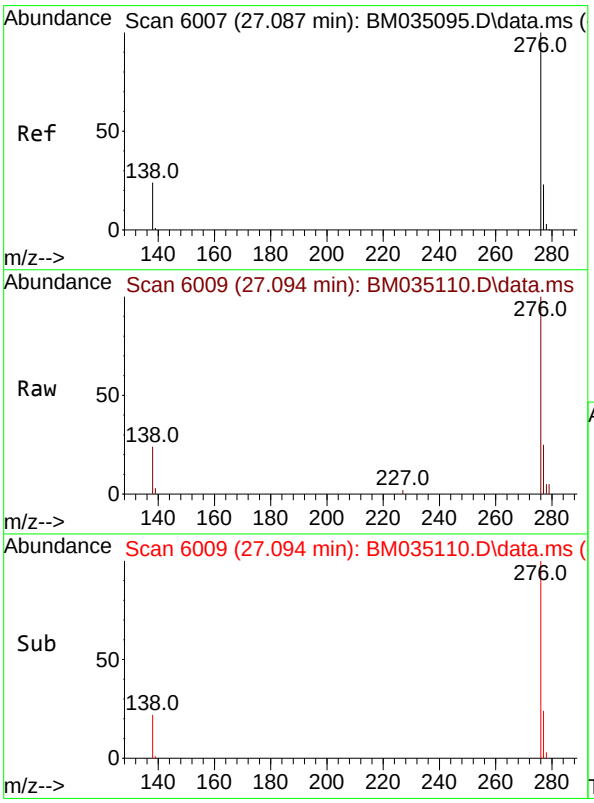
#28
Dibenzo(a,h)anthracene
Concen: 0.422 ng/ul
RT: 26.356 min Scan# 5
Delta R.T. 0.014 min
Lab File: BM035110.D
Acq: 16 May 2022 18:49

Instrument :
BNA_M
ClientSampleId :
SSTD0.4100

Tgt Ion:278 Resp: 12093

Ion	Ratio	Lower	Upper
278	100		
139	20.4	18.0	27.0
279	28.5	28.6	42.8#





#29
Benzo(g,h,i)perylene
Concen: 0.411 ng/ul
RT: 27.094 min Scan# 6009
Delta R.T. 0.014 min
Lab File: BM035110.D
Acq: 16 May 2022 18:49

Tgt Ion:276 Resp: 12734

Ion	Ratio	Lower	Upper
276	100		
138	23.7	17.4	26.0
277	25.4	22.6	33.8