Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090923\
Data File : BM041756.D
Acq On : 09 Sep 2023 19:19
Operator : MA/JU
Sample : 04247-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHAS6

Quant Time: Sep 09 23:33:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 09 23:26:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	66	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.807	136	85	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.634	164	31	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.384	188	44	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.545	240	20	0.400	ng/ul	# 0.00
23) Perylene-d12	23.962	264	3	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.427	96	328	3.252	ng/ul	0.03
6) 2-Methylnaphthalene-d10	12.385	152	37	0.338	ng/ul	0.00
18) Fluoranthene-d10	19.404	212	30	0.309	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.436	88	8	0.076	ng/ul#	16
5) Naphthalene	10.851	128	23	0.082	ng/ul#	1
7) 2-Methylnaphthalene	12.462	142	8	0.050	ng/ul	84
8) 1-Methylnaphthalene	12.737	142	5	0.031	ng/ul	93
10) Acenaphthylene	14.347	152	7	0.037	ng/ul#	1
11) Acenaphthene	14.685	153	8	0.054	ng/ul#	72
12) Fluorene	15.684	166	13	0.078	ng/ul#	52
14) Pentachlorophenol	16.995	266	1	0.057	ng/ul#	1
15) Phenanthrene	17.426	178	31	0.167	ng/ul#	1
16) Anthracene	17.523	178	20	0.126	ng/ul#	1
19) Fluoranthene	19.431	202	23	0.097	ng/ul#	1
20) Pyrene	19.799	202	17	0.073	ng/ul#	1
21) Benzo(a)anthracene	21.530	228	13	0.080	ng/ul#	1
22) Chrysene	21.589	228	16	0.091	ng/ul#	1
24) Benzo(b)fluoranthene	23.219	252	32	1.192	ng/ul#	1
25) Benzo(k)fluoranthene	23.263	252	13	0.495	ng/ul#	1
26) Benzo(a)pyrene	23.851	252	14	0.642	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.471	276	5	0.167	ng/ul#	1
28) Dibenzo(a,h)anthracene	26.481	278	2	0.095	ng/ul#	1
29) Benzo(g,h,i)perylene	27.270	276	1	0.038	ng/ul#	1

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090923\
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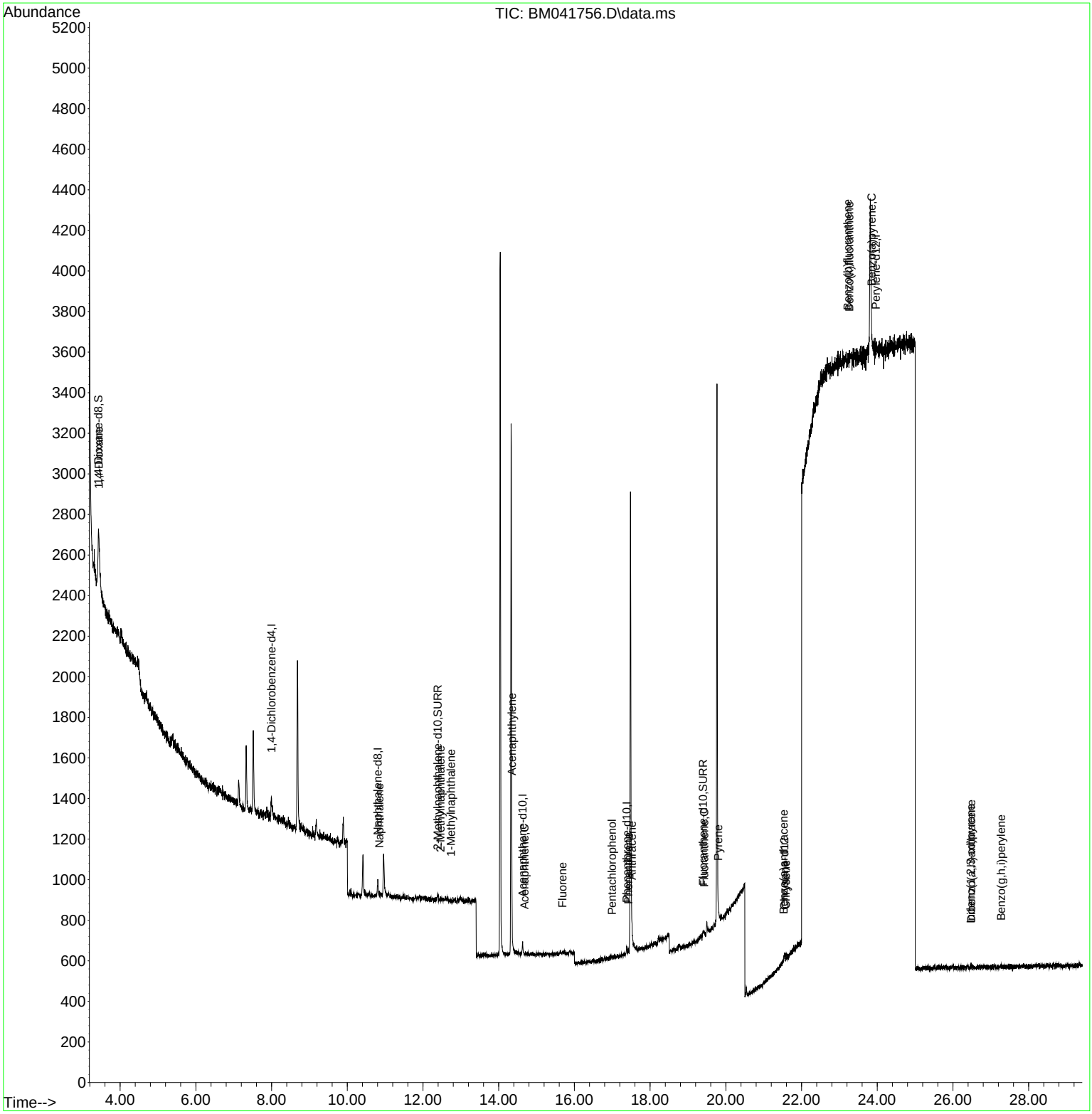
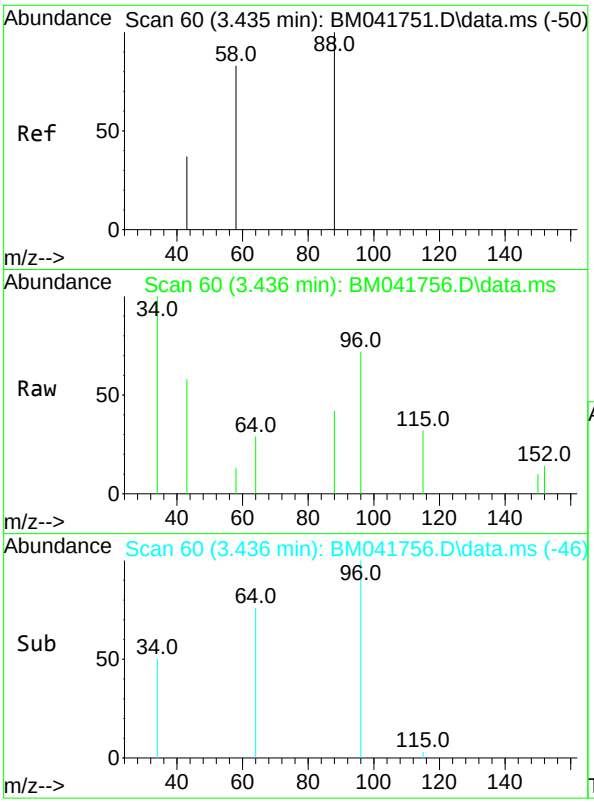
Quant Time: Sep 09 23:33:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 09 23:26:58 2023
Response via : Initial Calibration



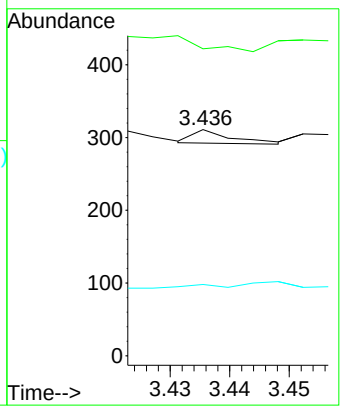


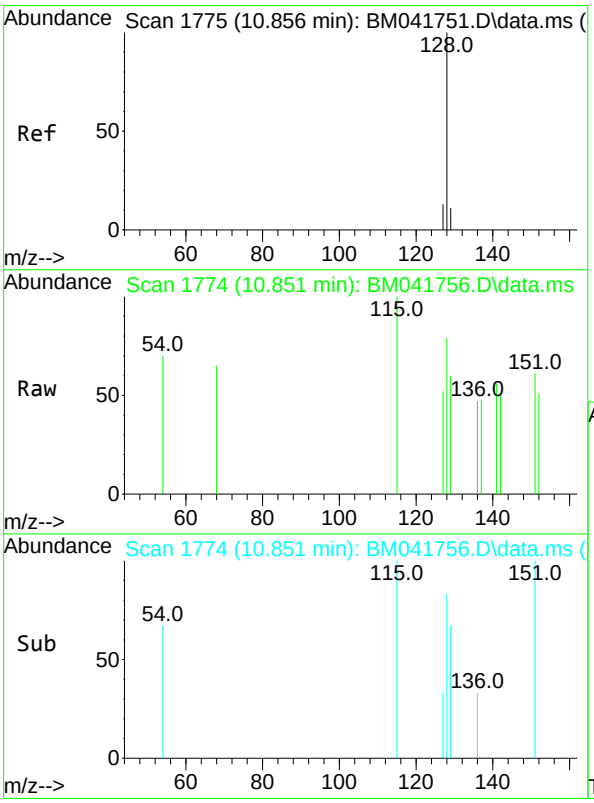
#2
1,4-Dioxane
Concen: 0.076 ng/ul
RT: 3.436 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

Instrument :
BNA_M
ClientSampleId :
BHAS6

Tgt Ion: 88 Resp: 8

Ion	Ratio	Lower	Upper
88	100		
43	135.7	33.8	50.6#
58	31.5	54.2	81.2#

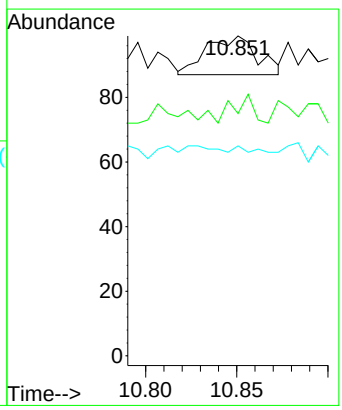


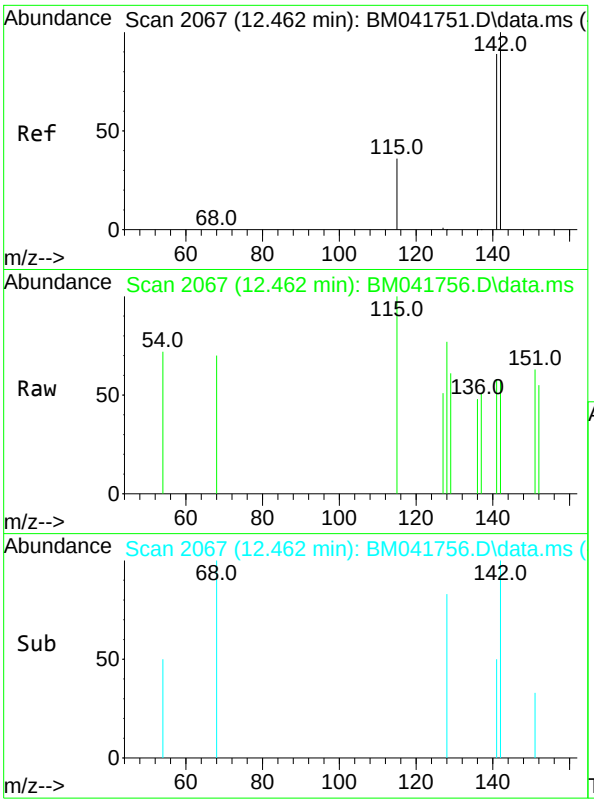


#5
Naphthalene
Concen: 0.082 ng/ul
RT: 10.851 min Scan# 1774
Delta R.T. -0.005 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

Tgt Ion:128 Resp: 23

Ion	Ratio	Lower	Upper
128	100		
129	75.8	9.4	14.0#
127	65.7	11.0	16.6#



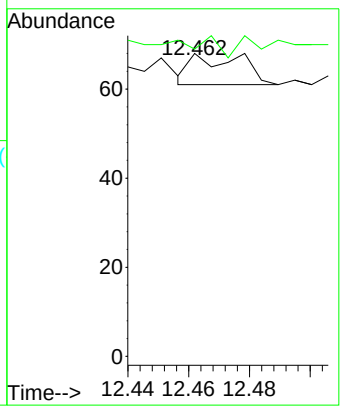


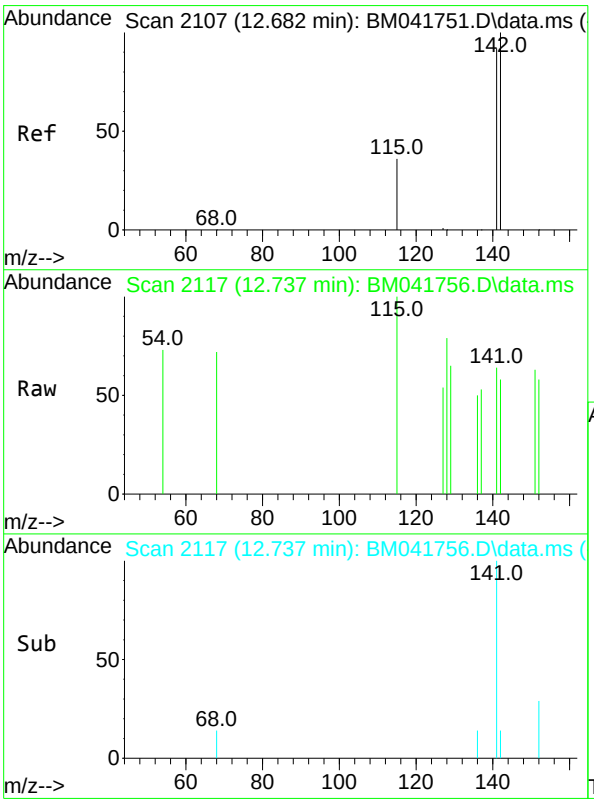
#7
2-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.462 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

Instrument :
BNA_M
ClientSampleId :
BHAS6

Tgt Ion:142 Resp: 8

Ion	Ratio	Lower	Upper
142	100		
141	75.0	72.2	108.2

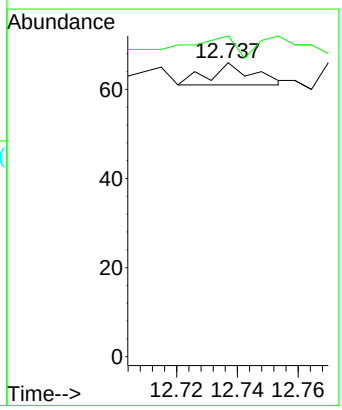


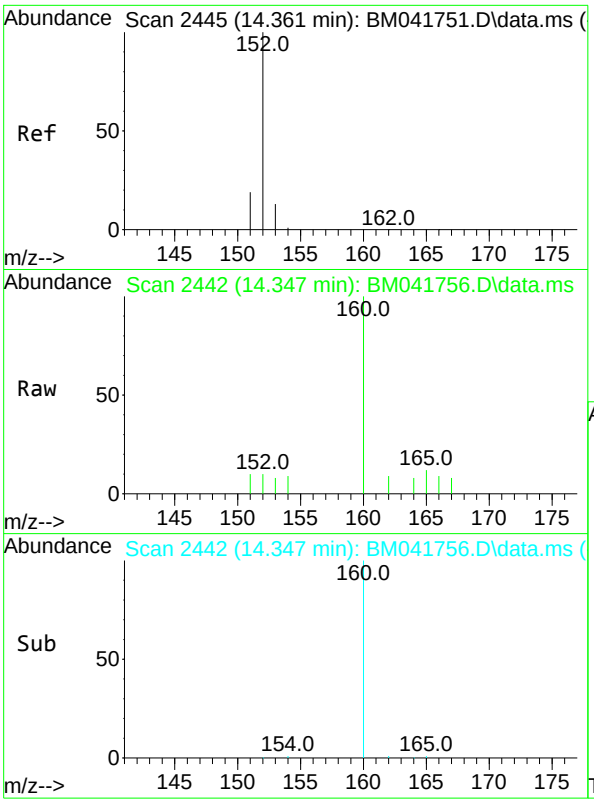


#8
1-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.737 min Scan# 2117
Delta R.T. 0.055 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

Tgt Ion:142 Resp: 5

Ion	Ratio	Lower	Upper
142	100		
141	100.0	74.4	111.6



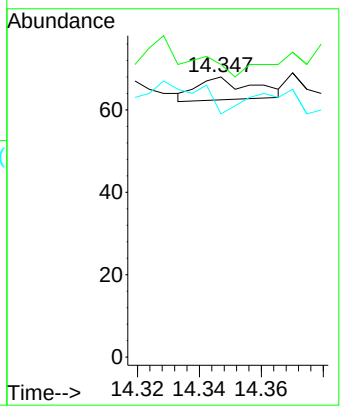


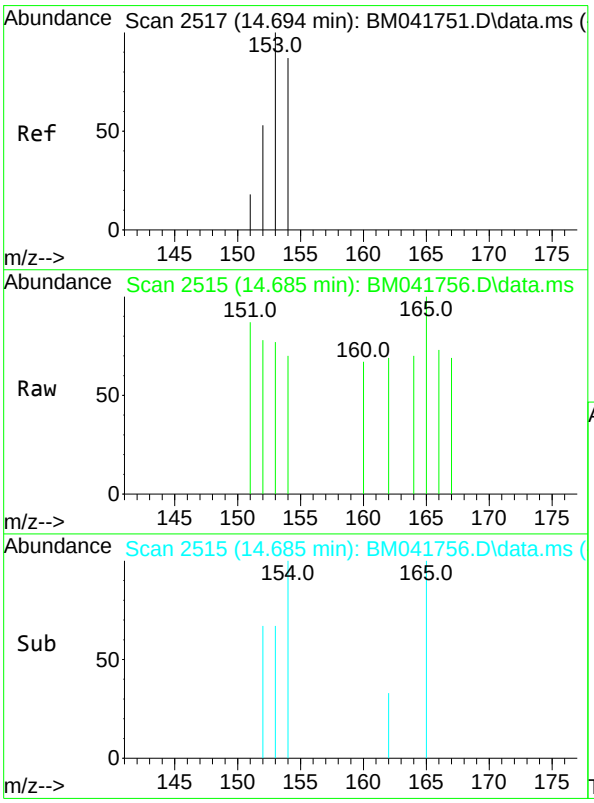
#10
Acenaphthylene
Concen: 0.037 ng/ul
RT: 14.347 min Scan# 24
Delta R.T. -0.014 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

Instrument :
BNA_M
ClientSampleId :
BHAS6

Tgt Ion:152 Resp: 7

Ion	Ratio	Lower	Upper
152	100		
151	104.4	16.4	24.6#
153	86.8	11.1	16.7#

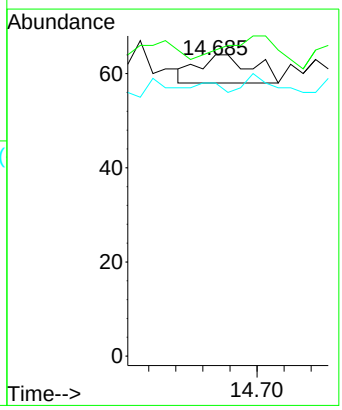


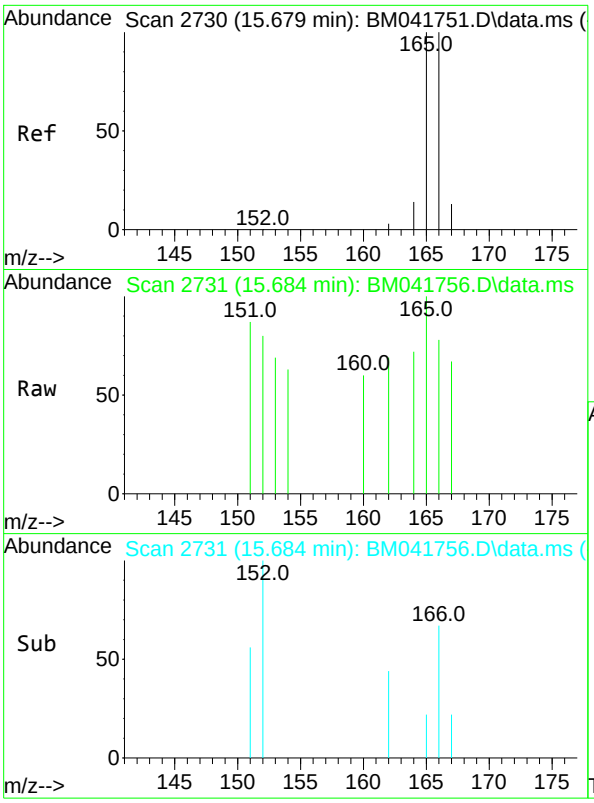


#11
Acenaphthene
Concen: 0.054 ng/ul
RT: 14.685 min Scan# 2515
Delta R.T. -0.009 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

Tgt Ion:153 Resp: 8

Ion	Ratio	Lower	Upper
153	100		
152	101.6	43.4	65.2#
154	90.6	69.4	104.0



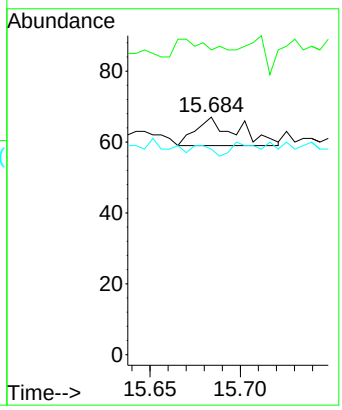


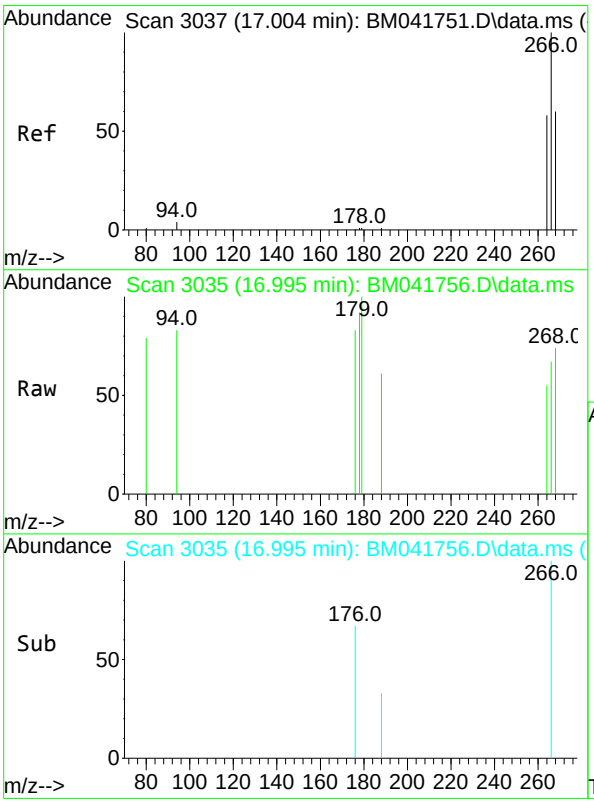
#12
Fluorene
Concen: 0.078 ng/ul
RT: 15.684 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

Instrument :
BNA_M
ClientSampleId :
BHAS6

Tgt Ion:166 Resp: 13

Ion	Ratio	Lower	Upper
166	100		
165	128.4	79.4	119.2#
167	86.6	11.3	16.9#

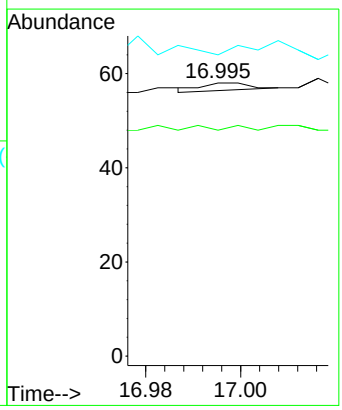


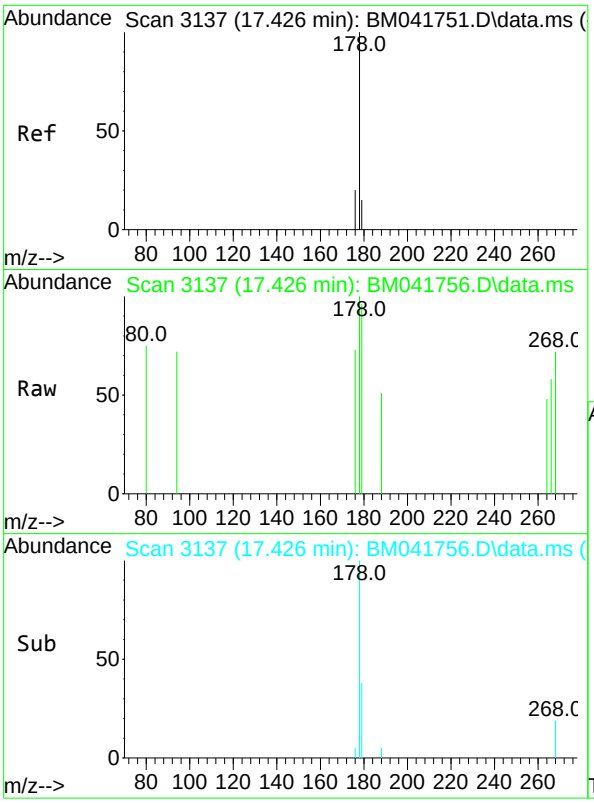


#14
Pentachlorophenol
Concen: 0.057 ng/ul
RT: 16.995 min Scan# 3035
Delta R.T. -0.008 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

Tgt Ion:266 Resp: 1

Ion	Ratio	Lower	Upper
266	100		
264	100.0	50.0	75.0#
268	300.0	50.8	76.2#



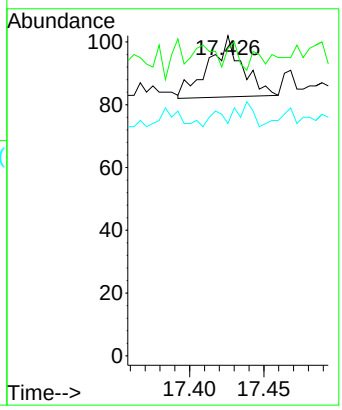


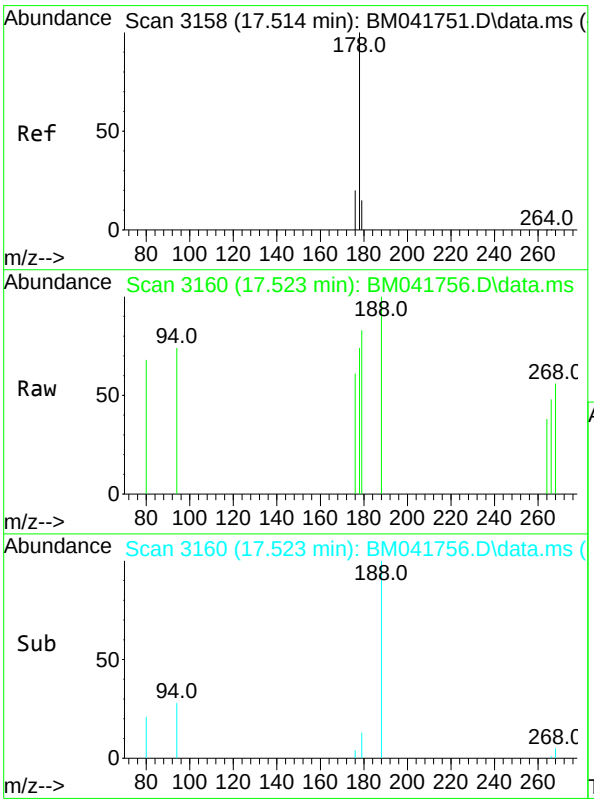
#15
Phenanthrene
Concen: 0.167 ng/ul
RT: 17.426 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

Instrument :
BNA_M
ClientSampleId :
BHAS6

Tgt Ion:178 Resp: 31

Ion	Ratio	Lower	Upper
178	100		
179	96.1	12.9	19.3#
176	72.5	16.9	25.3#

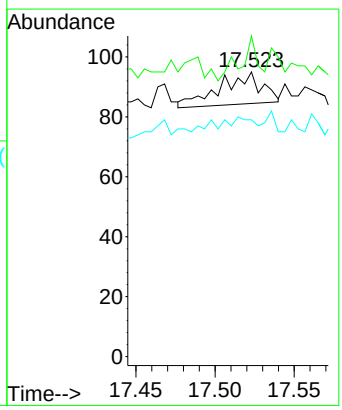


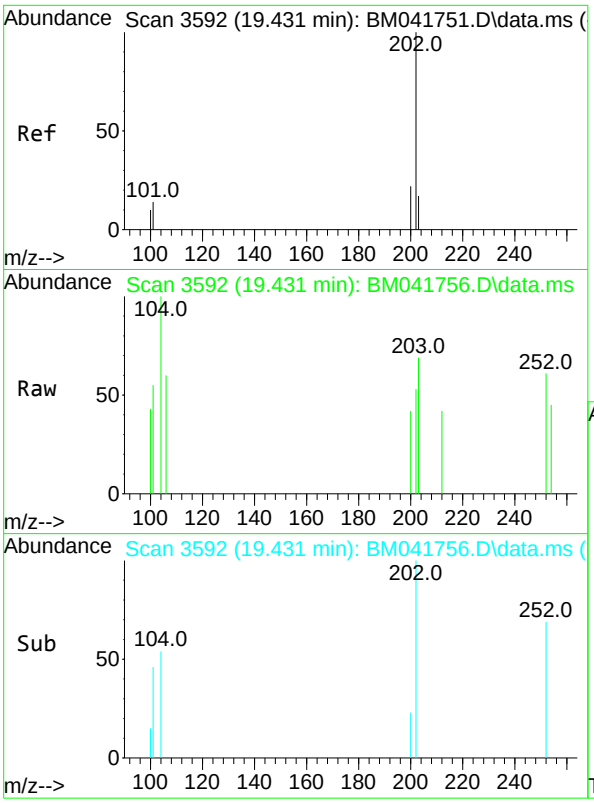


#16
Anthracene
Concen: 0.126 ng/ul
RT: 17.523 min Scan# 3160
Delta R.T. 0.009 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

Tgt Ion:178 Resp: 20

Ion	Ratio	Lower	Upper
178	100		
179	112.6	12.9	19.3#
176	83.2	15.8	23.8#



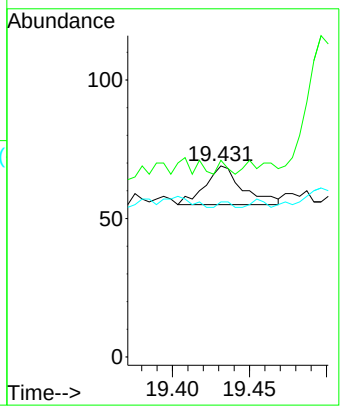


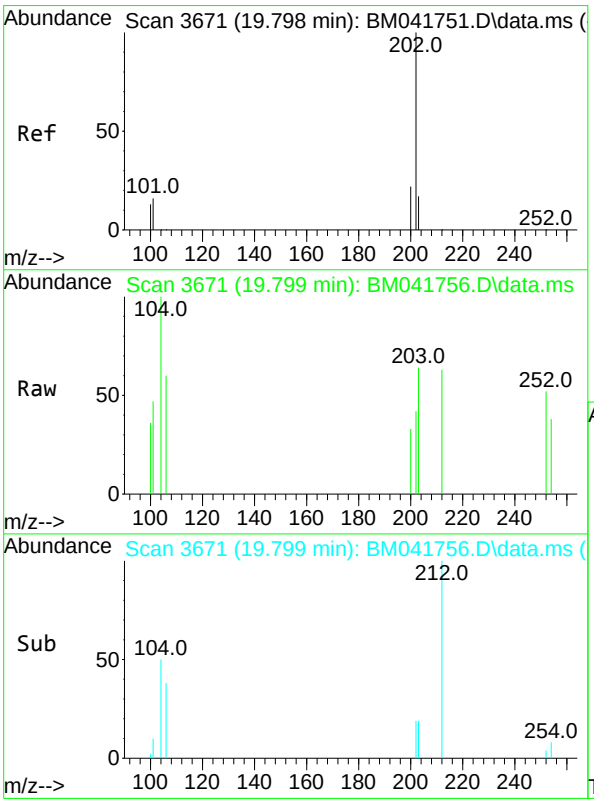
#19
Fluoranthene
Concen: 0.097 ng/ul
RT: 19.431 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

Instrument :
BNA_M
ClientSampleId :
BHAS6

Tgt Ion:202 Resp: 23

Ion	Ratio	Lower	Upper
202	100		
101	102.9	10.5	15.7#
100	81.2	8.4	12.6#

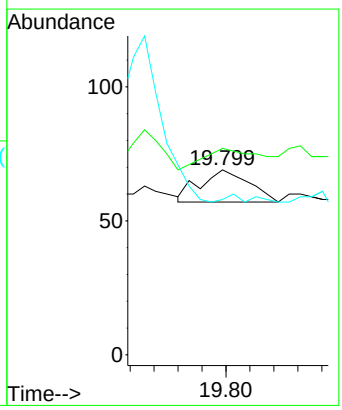


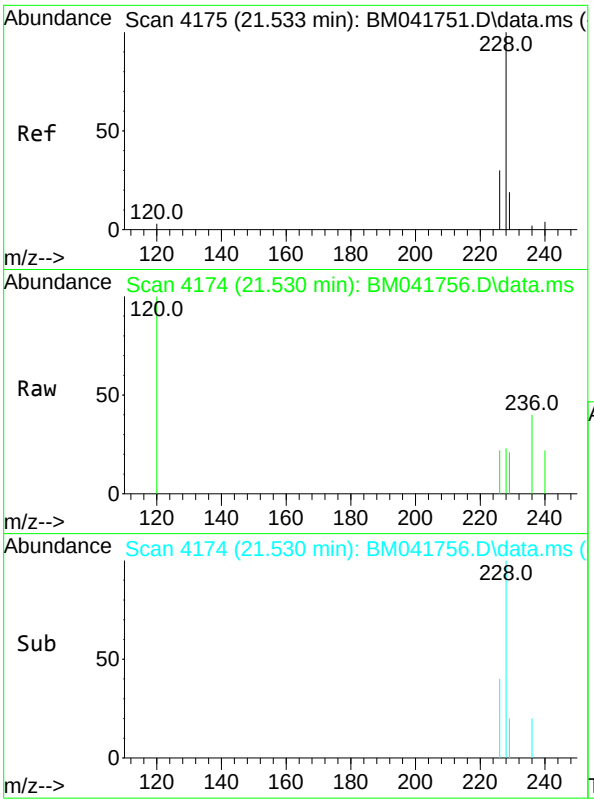


#20
Pyrene
Concen: 0.073 ng/ul
RT: 19.799 min Scan# 3671
Delta R.T. 0.000 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

Tgt Ion:202 Resp: 17

Ion	Ratio	Lower	Upper
202	100		
101	111.6	11.8	17.8#
100	84.1	9.8	14.6#



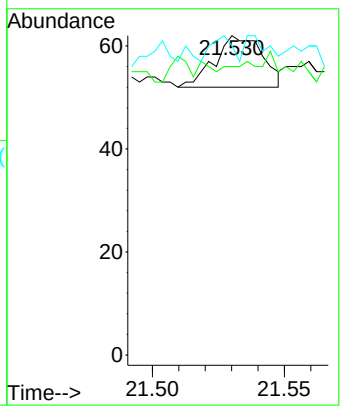


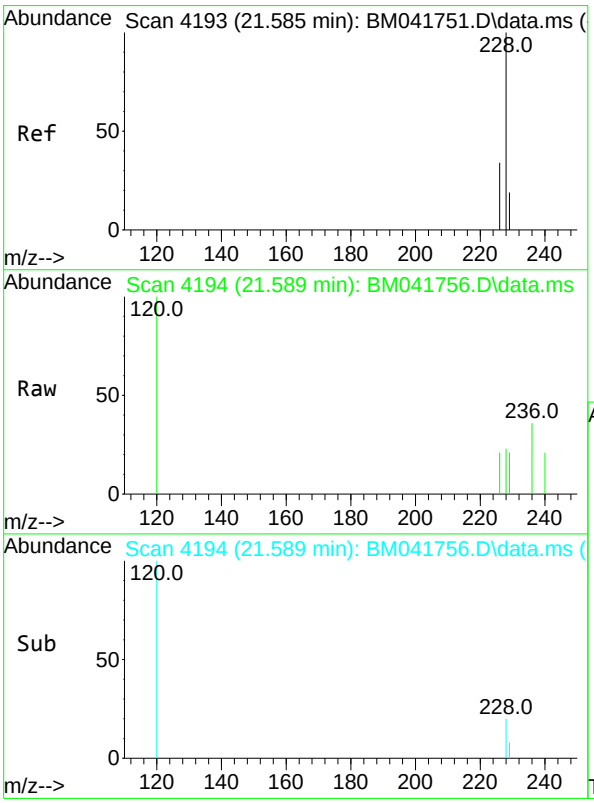
#21
Benzo(a)anthracene
Concen: 0.080 ng/ul
RT: 21.530 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

Instrument :
BNA_M
ClientSampleId :
BHAS6

Tgt Ion:228 Resp: 13

Ion	Ratio	Lower	Upper
228	100		
229	90.3	15.8	23.6#
226	96.8	24.8	37.2#

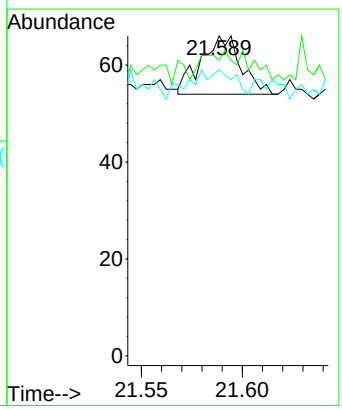


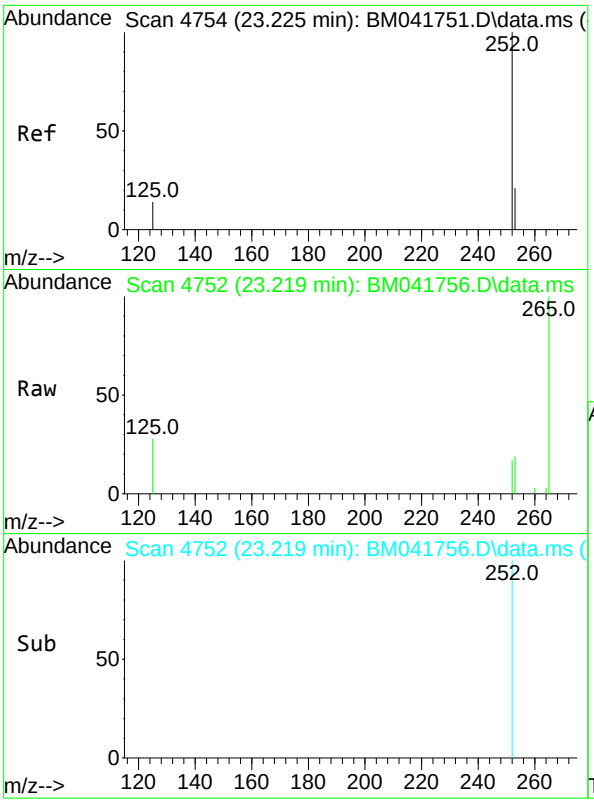


#22
Chrysene
Concen: 0.091 ng/ul
RT: 21.589 min Scan# 4194
Delta R.T. 0.003 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

Tgt Ion:228 Resp: 16

Ion	Ratio	Lower	Upper
228	100		
226	92.4	27.0	40.6#
229	89.4	15.4	23.2#



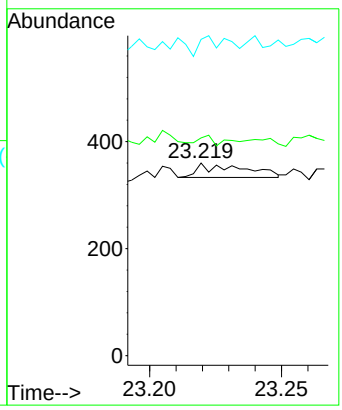


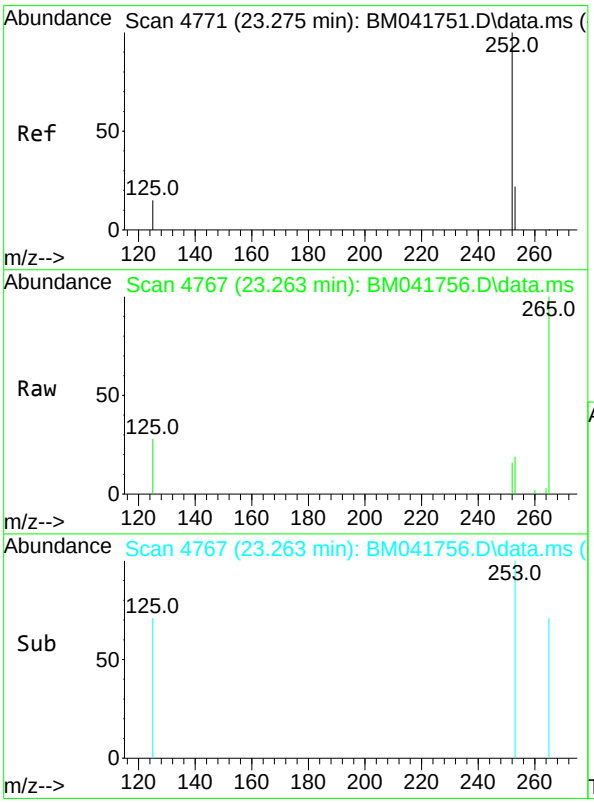
#24
Benzo(b)fluoranthene
Concen: 1.192 ng/ul
RT: 23.219 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

Instrument :
BNA_M
ClientSampleId :
BHAS6

Tgt Ion:252 Resp: 32

Ion	Ratio	Lower	Upper
252	100		
253	113.1	0.0	52.4#
125	164.2	0.0	42.8#

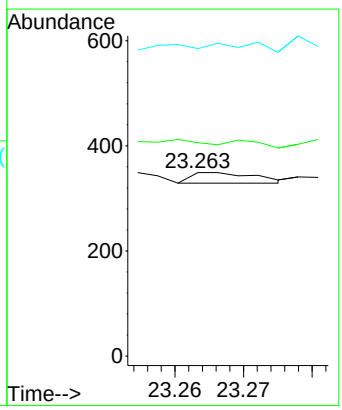


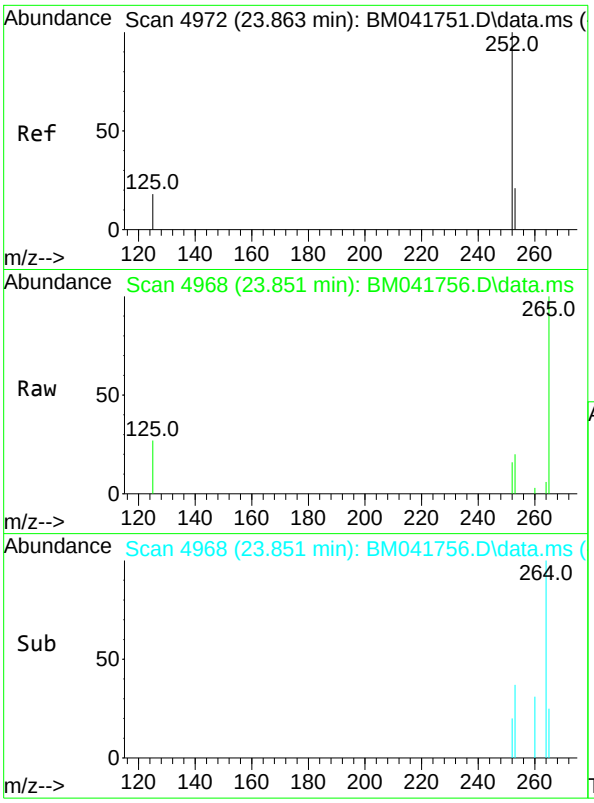


#25
Benzo(k)fluoranthene
Concen: 0.495 ng/ul
RT: 23.263 min Scan# 4767
Delta R.T. -0.012 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

Tgt Ion:252 Resp: 13

Ion	Ratio	Lower	Upper
252	100		
253	116.3	21.3	31.9#
125	167.6	17.4	26.0#



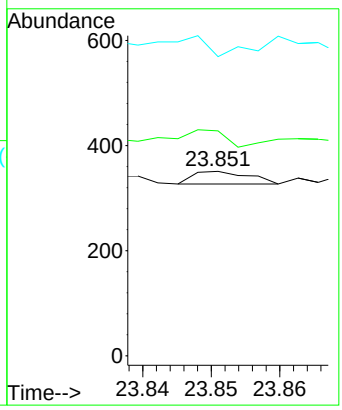


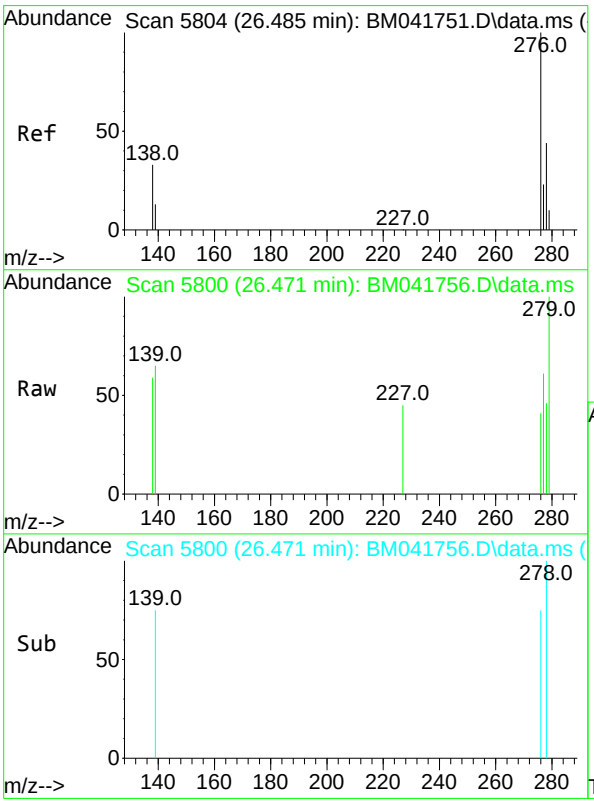
#26
Benzo(a)pyrene
Concen: 0.642 ng/ul
RT: 23.851 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

Instrument :
BNA_M
ClientSampleId :
BHAS6

Tgt Ion:252 Resp: 14

Ion	Ratio	Lower	Upper
252	100		
253	121.9	22.4	33.6#
125	162.1	21.0	31.4#

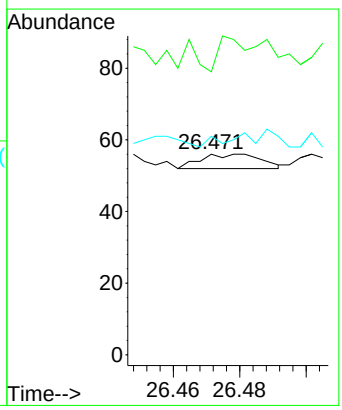


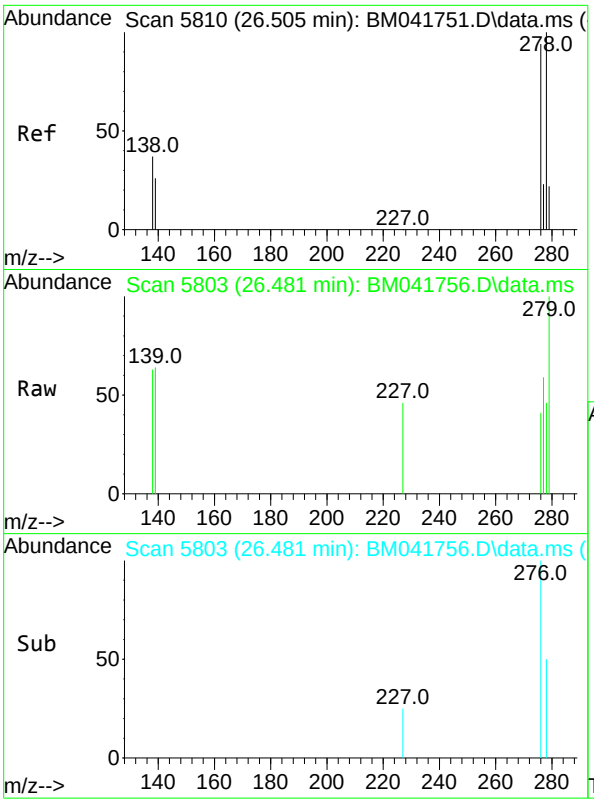


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.167 ng/ul
RT: 26.471 min Scan# 5800
Delta R.T. -0.013 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

Tgt Ion:276 Resp: 5

Ion	Ratio	Lower	Upper
276	100		
138	200.0	26.4	39.6#
227	40.0	0.1	0.1#



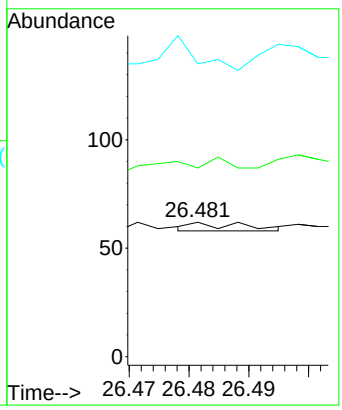


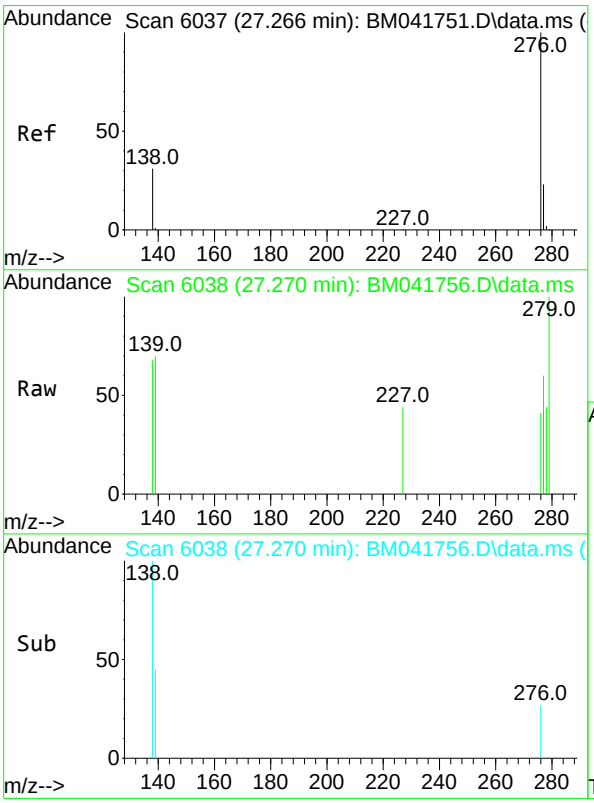
#28
Dibenzo(a,h)anthracene
Concen: 0.095 ng/ul
RT: 26.481 min Scan# 5
Delta R.T. -0.023 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

Instrument :
BNA_M
ClientSampleId :
BHAS6

Tgt Ion:278 Resp: 2

Ion	Ratio	Lower	Upper
278	100		
139	140.3	23.0	34.6#
279	217.7	22.9	34.3#





#29
Benzo(g,h,i)perylene
Concen: 0.038 ng/ul
RT: 27.270 min Scan# 6038
Delta R.T. 0.004 min
Lab File: BM041756.D
Acq: 09 Sep 2023 19:19

Tgt Ion:276 Resp: 1

Ion	Ratio	Lower	Upper
276	100		
138	164.3	25.0	37.4#
277	144.6	20.2	30.2#