Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090923\
Data File : BM041757.D
Acq On : 09 Sep 2023 19:56
Operator : MA/JU
Sample : 04247-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBJ81

Quant Time: Sep 09 23:34:03 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	8.000	152	58	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.812	136	89	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.634	164	29	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.383	188	59	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.556	240	22	0.400	ng/ul	# 0.00
23) Perylene-d12	23.974	264	9	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.427	96	407	4.592	ng/ul	0.03
6) 2-Methylnaphthalene-d10	12.390	152	38	0.332	ng/ul	0.00
18) Fluoranthene-d10	19.399	212	32	0.300	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.465	88	3011	32.699	ng/ul#	86
8) 1-Methylnaphthalene	12.682	142	7	0.042	ng/ul#	48
10) Acenaphthylene	14.356	152	4	0.022	ng/ul#	1
11) Acenaphthene	14.698	153	4	0.029	ng/ul#	76
12) Fluorene	15.670	166	18	0.115	ng/ul#	53
14) Pentachlorophenol	17.008	266	2	0.085	ng/ul#	51
15) Phenanthrene	17.413	178	18	0.072	ng/ul#	1
16) Anthracene	17.510	178	41	0.192	ng/ul#	1
19) Fluoranthene	19.431	202	39	0.150	ng/ul#	1
20) Pyrene	19.798	202	58	0.225	ng/ul#	1
21) Benzo(a)anthracene	21.536	228	13	0.072	ng/ul#	1
22) Chrysene	21.585	228	11	0.057	ng/ul#	1
24) Benzo(b)fluoranthene	23.216	252	15	0.186	ng/ul#	1
25) Benzo(k)fluoranthene	23.278	252	30	0.381	ng/ul#	1
26) Benzo(a)pyrene	23.863	252	21	0.321	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.485	276	4	0.045	ng/ul#	70
28) Dibenzo(a,h)anthracene	26.508	278	8	0.127	ng/ul#	1
29) Benzo(g,h,i)perylene	27.269	276	13	0.163	ng/ul#	1

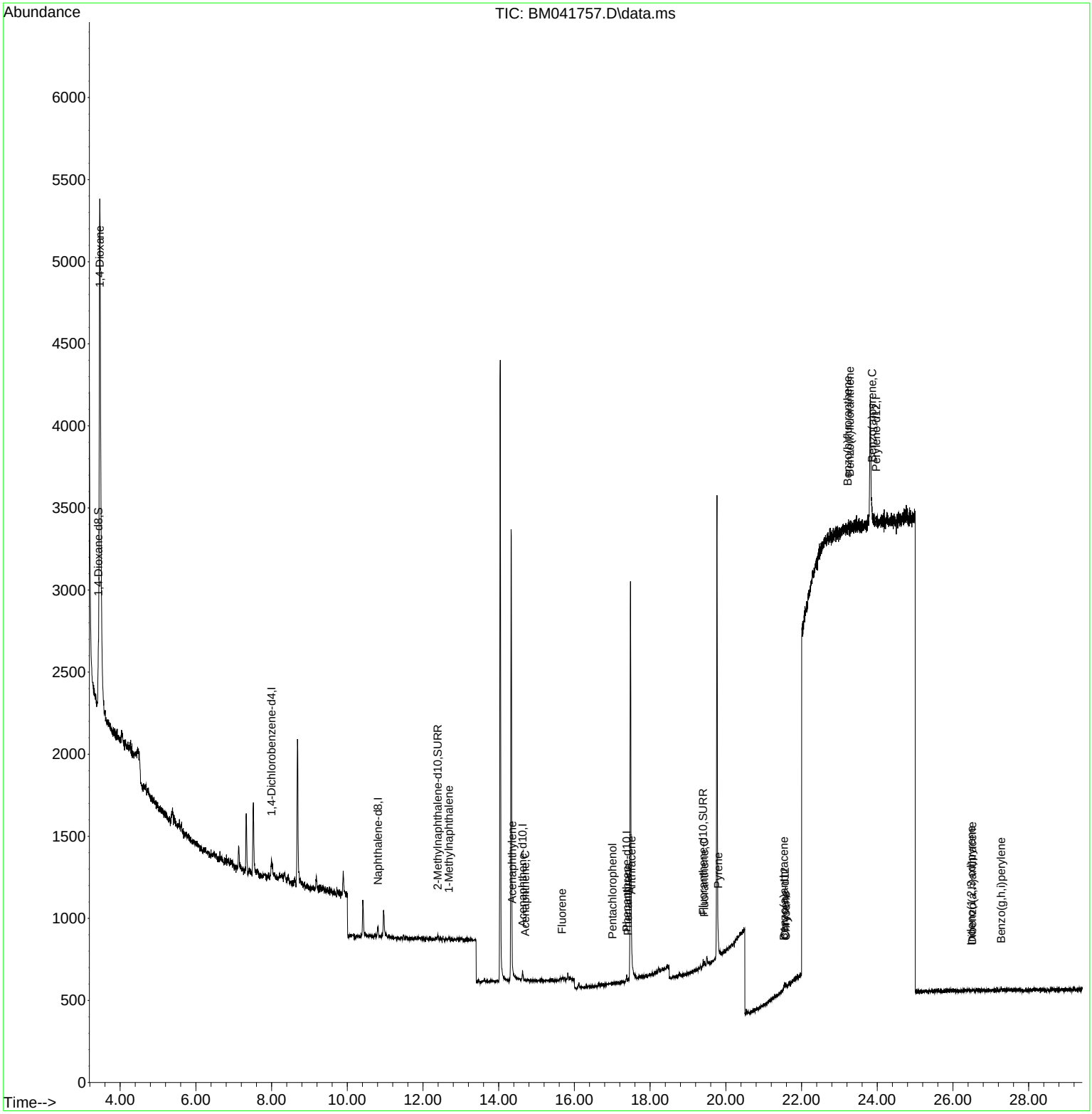
(#) = qualifier out of range (m) = manual integration (+) = signals summed

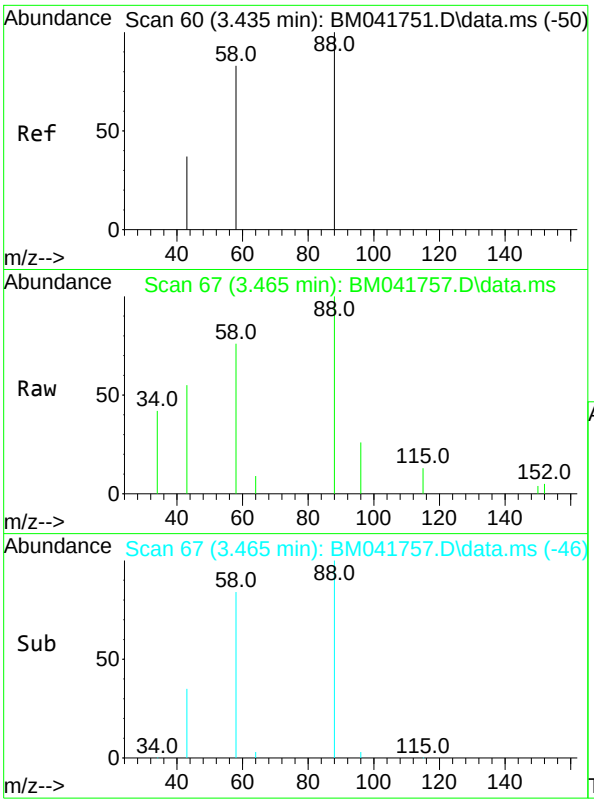
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090923\
Data File : BM041757.D
Acq On : 09 Sep 2023 19:56
Operator : MA/JU
Sample : 04247-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBJ81

Quant Time: Sep 09 23:34:03 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



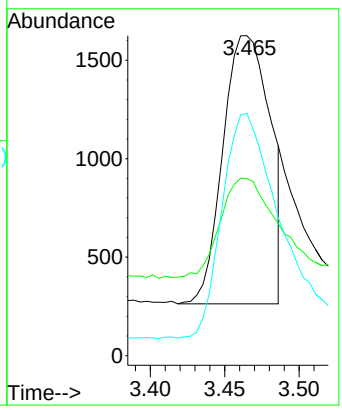


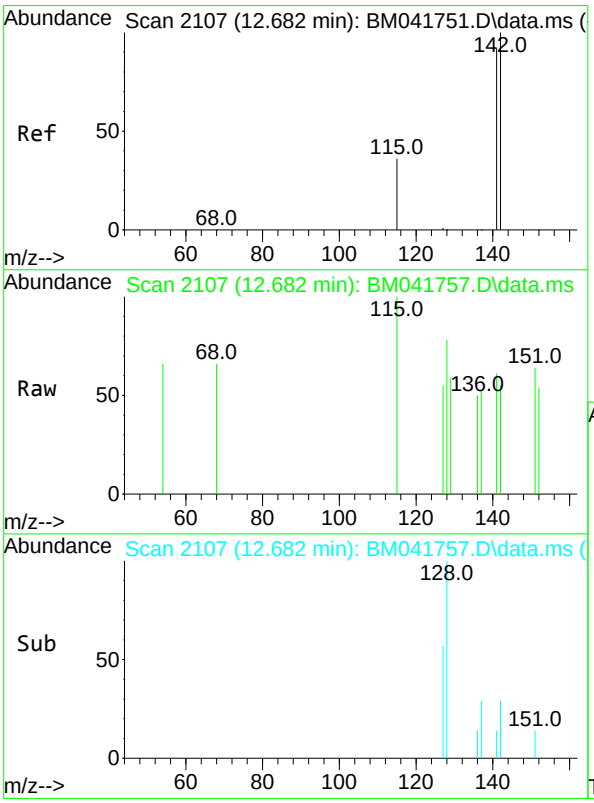
#2
1,4-Dioxane
Concen: 32.699 ng/ul
RT: 3.465 min Scan# 6
Delta R.T. 0.029 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

Instrument :
BNA_M
ClientSampleId :
BBJ81

Tgt Ion: 88 Resp: 3011

Ion	Ratio	Lower	Upper
88	100		
43	55.3	33.8	50.6#
58	75.7	54.2	81.2

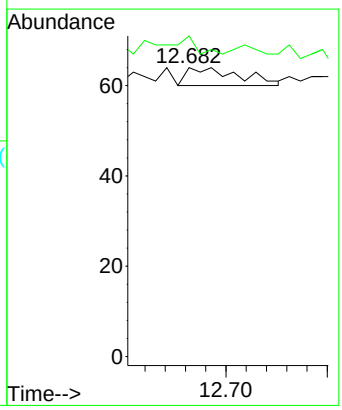


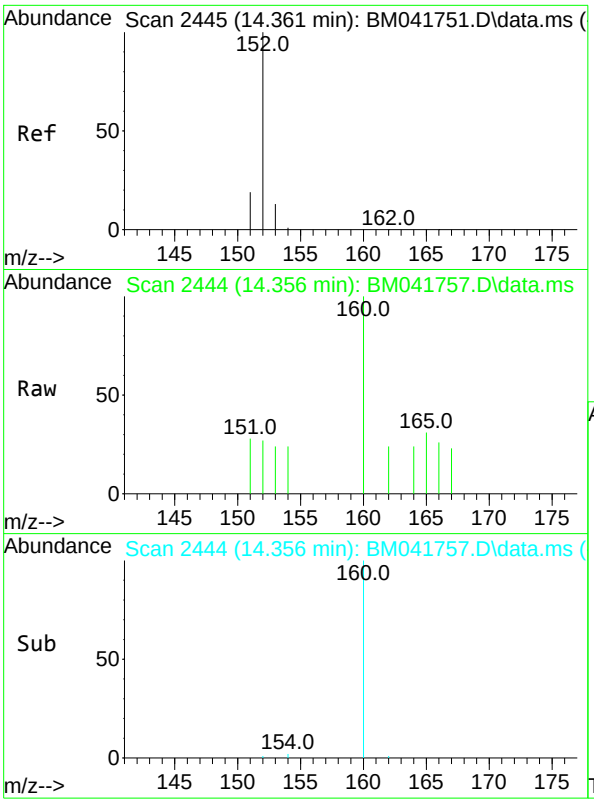


#8
1-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.682 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

Tgt Ion:142 Resp: 7

Ion	Ratio	Lower	Upper
142	100		
141	142.9	74.4	111.6#



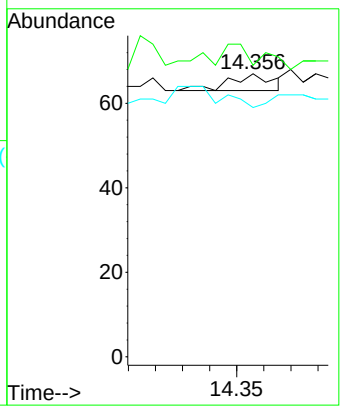


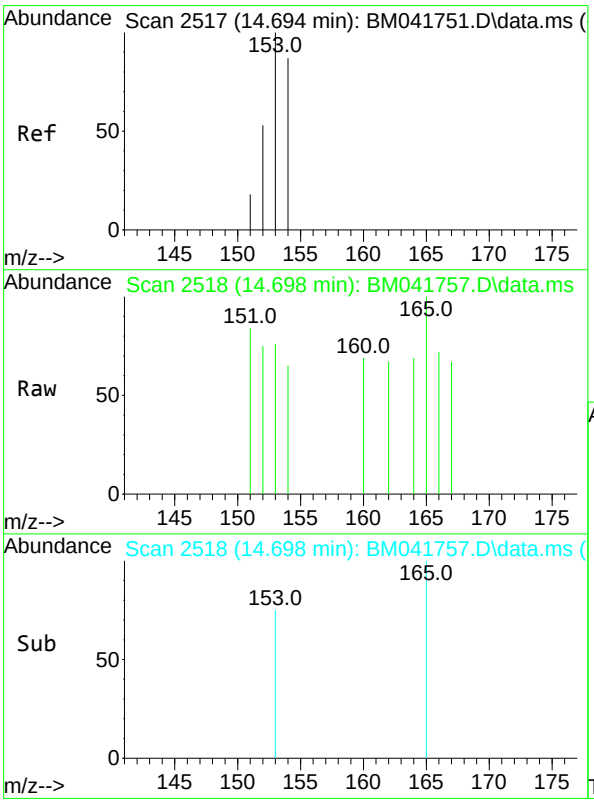
#10
Acenaphthylene
Concen: 0.022 ng/ul
RT: 14.356 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

Instrument :
BNA_M
ClientSampleId :
BBJ81

Tgt Ion:152 Resp: 4

Ion	Ratio	Lower	Upper
152	100		
151	103.0	16.4	24.6#
153	88.1	11.1	16.7#

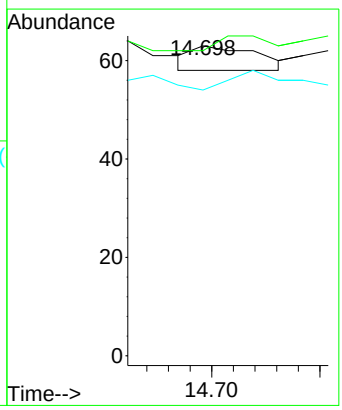


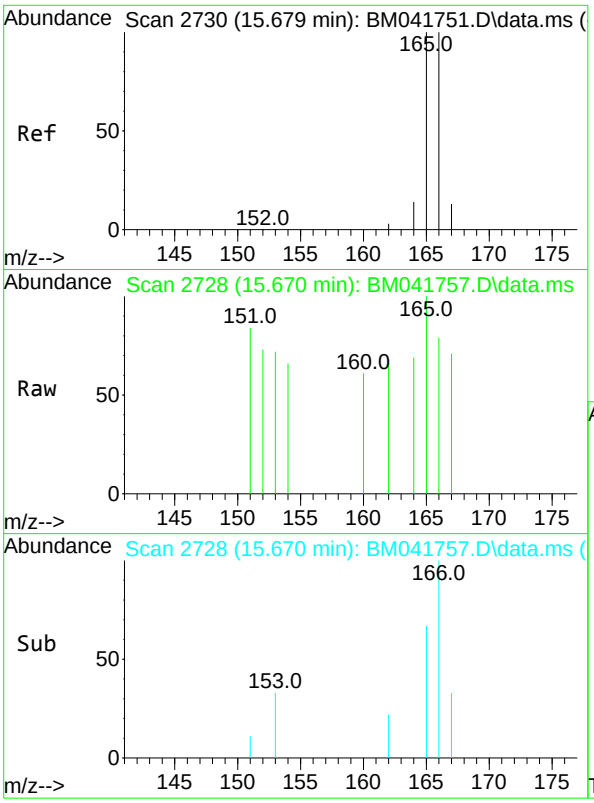


#11
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.698 min Scan# 2518
Delta R.T. 0.005 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

Tgt Ion:153 Resp: 4

Ion	Ratio	Lower	Upper
153	100		
152	98.4	43.4	65.2#
154	85.7	69.4	104.0



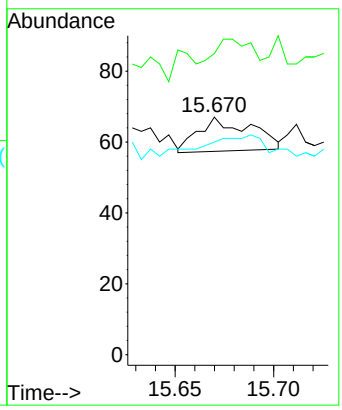


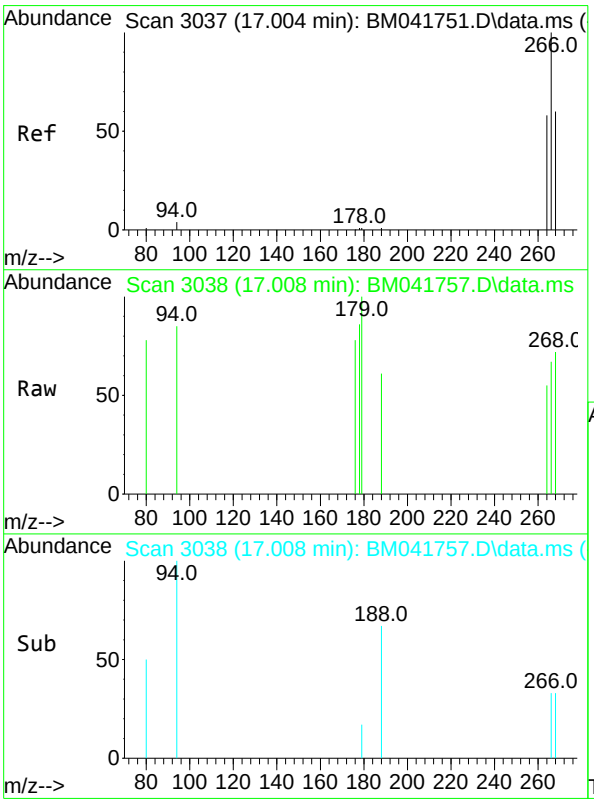
#12
Fluorene
Concen: 0.115 ng/ul
RT: 15.670 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

Instrument :
BNA_M
ClientSampleId :
BBJ81

Tgt Ion:166 Resp: 18

Ion	Ratio	Lower	Upper
166	100		
165	126.9	79.4	119.2#
167	89.6	11.3	16.9#

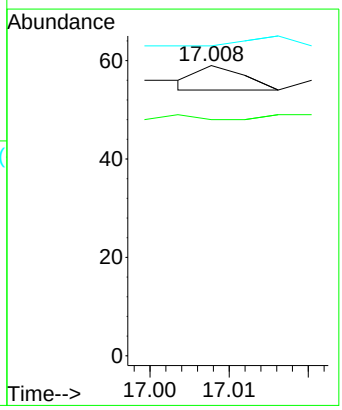


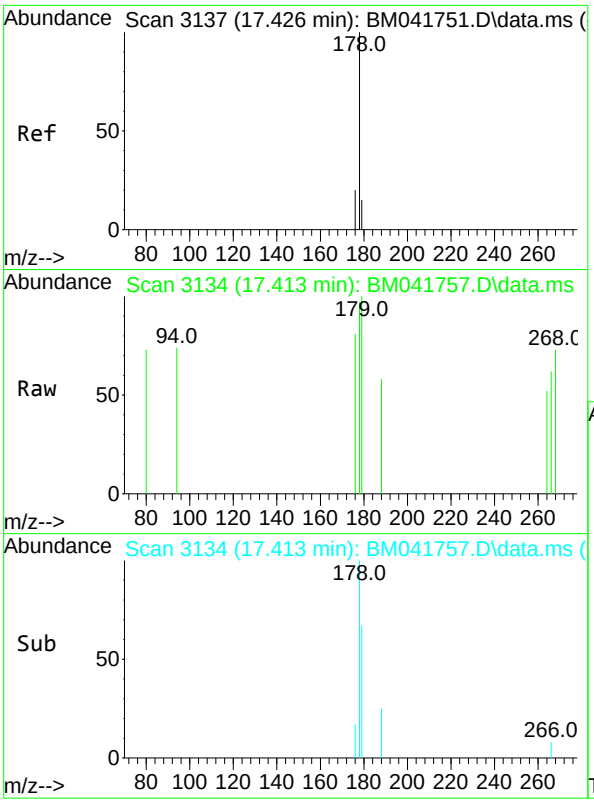


#14
Pentachlorophenol
Concen: 0.085 ng/ul
RT: 17.008 min Scan# 3038
Delta R.T. 0.004 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

Tgt Ion:266 Resp: 2

Ion	Ratio	Lower	Upper
266	100		
264	50.0	50.0	75.0
268	0.0	50.8	76.2#



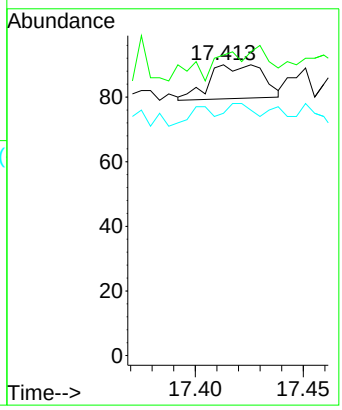


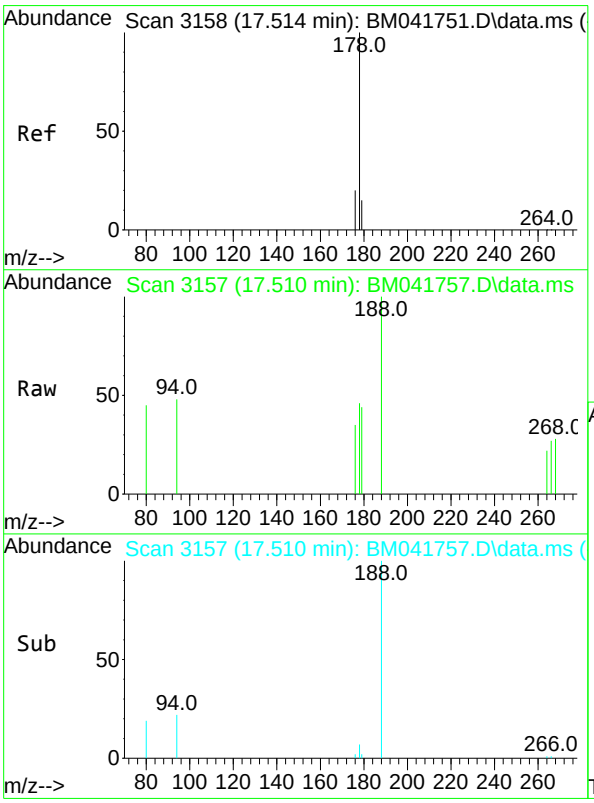
#15
Phenanthrene
Concen: 0.072 ng/ul
RT: 17.413 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

Instrument :
BNA_M
ClientSampleId :
BBJ81

Tgt Ion:178 Resp: 18

Ion	Ratio	Lower	Upper
178	100		
179	103.3	12.9	19.3#
176	83.3	16.9	25.3#

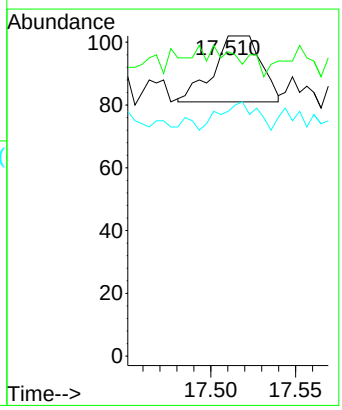


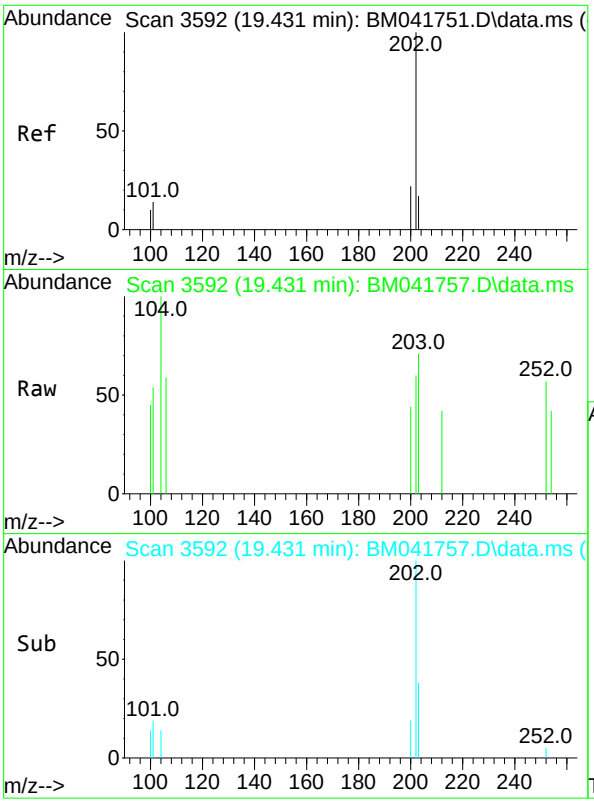


#16
Anthracene
Concen: 0.192 ng/ul
RT: 17.510 min Scan# 3157
Delta R.T. -0.004 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

Tgt Ion:178 Resp: 41

Ion	Ratio	Lower	Upper
178	100		
179	95.1	12.9	19.3#
176	76.5	15.8	23.8#



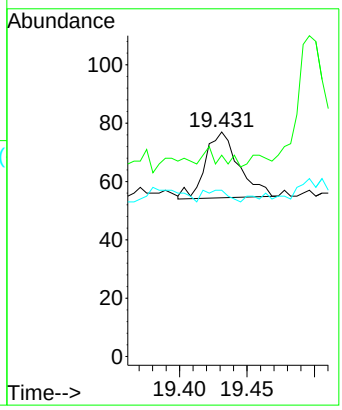


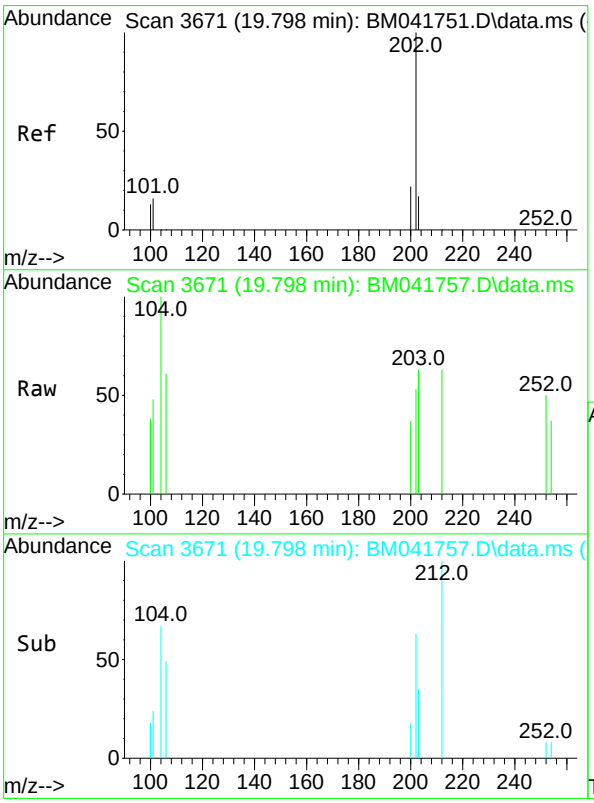
#19
Fluoranthene
Concen: 0.150 ng/ul
RT: 19.431 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

Instrument :
BNA_M
ClientSampleId :
BBJ81

Tgt Ion:202 Resp: 39

Ion	Ratio	Lower	Upper
202	100		
101	89.6	10.5	15.7#
100	74.0	8.4	12.6#

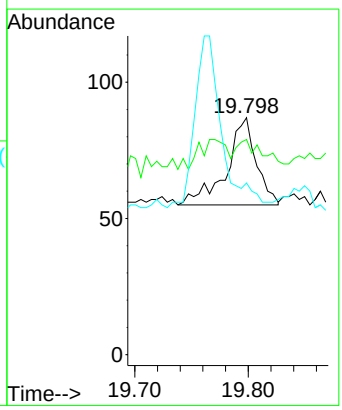


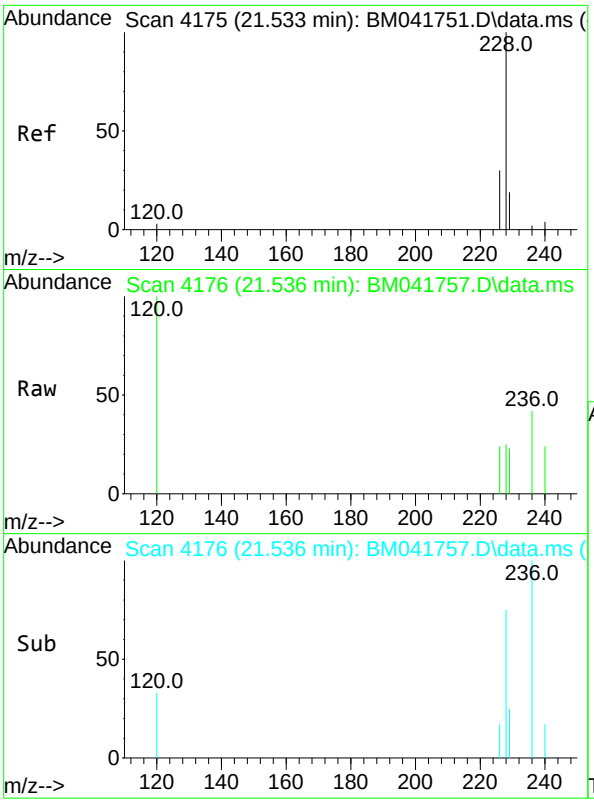


#20
Pyrene
Concen: 0.225 ng/ul
RT: 19.798 min Scan# 3671
Delta R.T. 0.000 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

Tgt Ion:202 Resp: 58

Ion	Ratio	Lower	Upper
202	100		
101	90.8	11.8	17.8#
100	72.4	9.8	14.6#



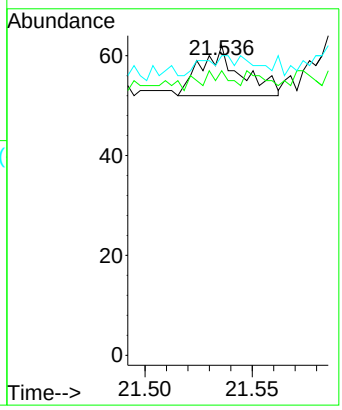


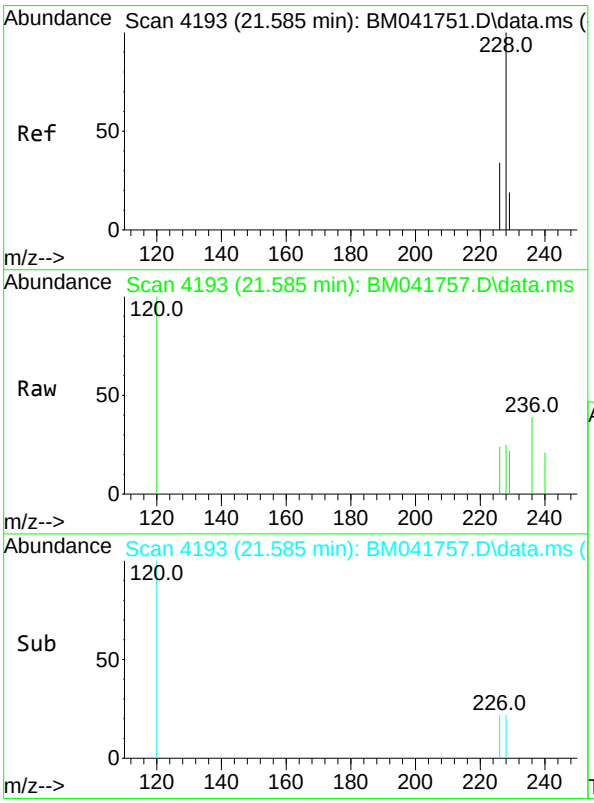
#21
Benzo(a)anthracene
Concen: 0.072 ng/ul
RT: 21.536 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

Instrument :
BNA_M
ClientSampleId :
BBJ81

Tgt Ion:228 Resp: 13

Ion	Ratio	Lower	Upper
228	100		
229	91.9	15.8	23.6#
226	96.8	24.8	37.2#

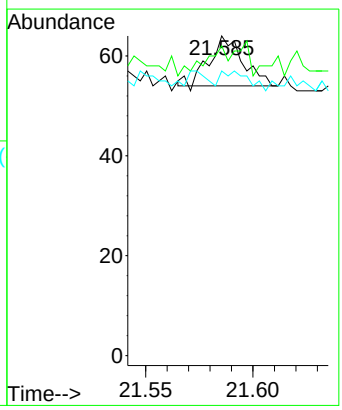


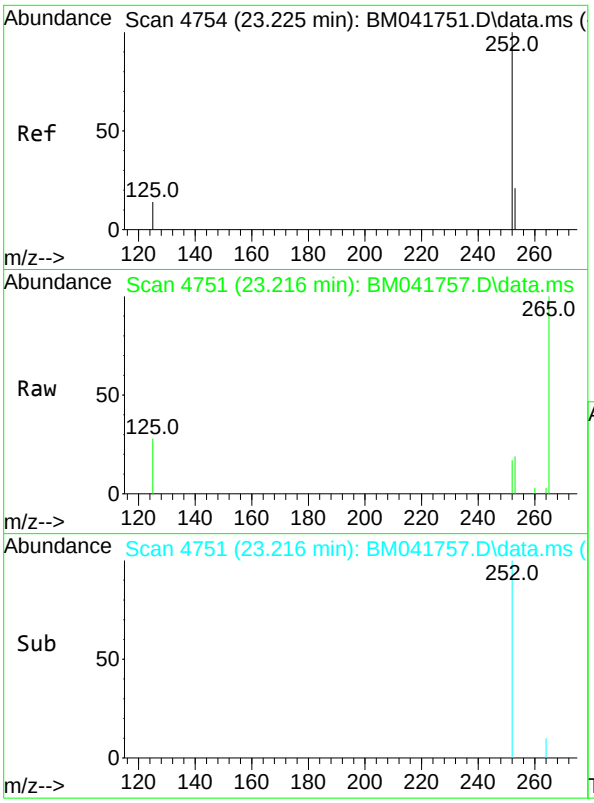


#22
Chrysene
Concen: 0.057 ng/ul
RT: 21.585 min Scan# 4193
Delta R.T. 0.000 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

Tgt Ion:228 Resp: 11

Ion	Ratio	Lower	Upper
228	100		
226	96.9	27.0	40.6#
229	89.1	15.4	23.2#



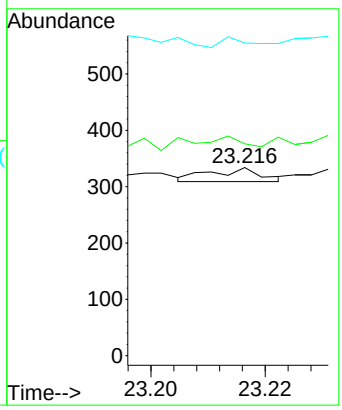


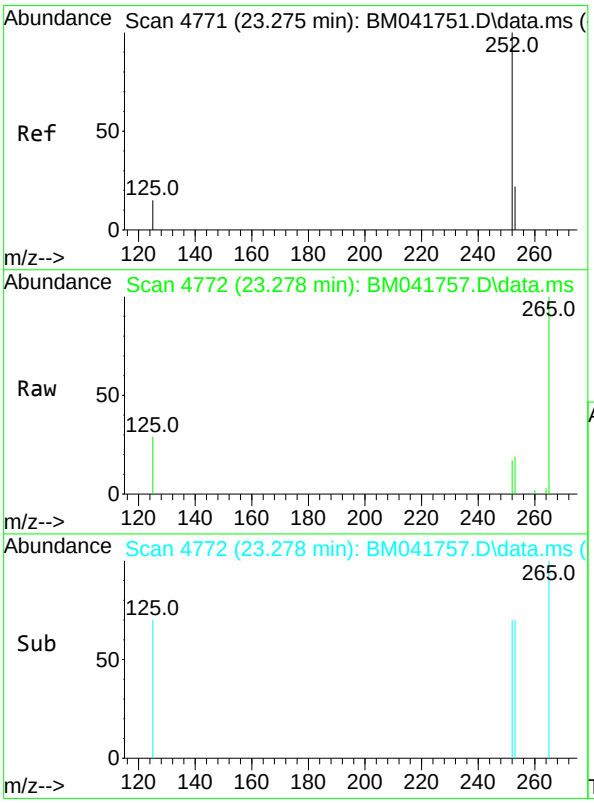
#24
Benzo(b)fluoranthene
Concen: 0.186 ng/ul
RT: 23.216 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

Instrument :
BNA_M
ClientSampleId :
BBJ81

Tgt Ion:252 Resp: 15

Ion	Ratio	Lower	Upper
252	100		
253	112.6	0.0	52.4#
125	166.2	0.0	42.8#

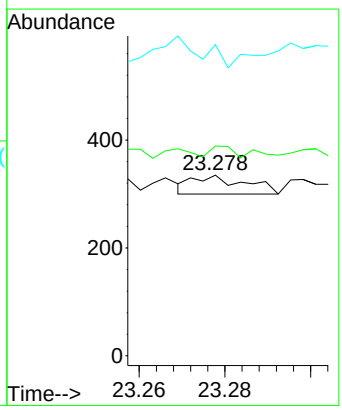


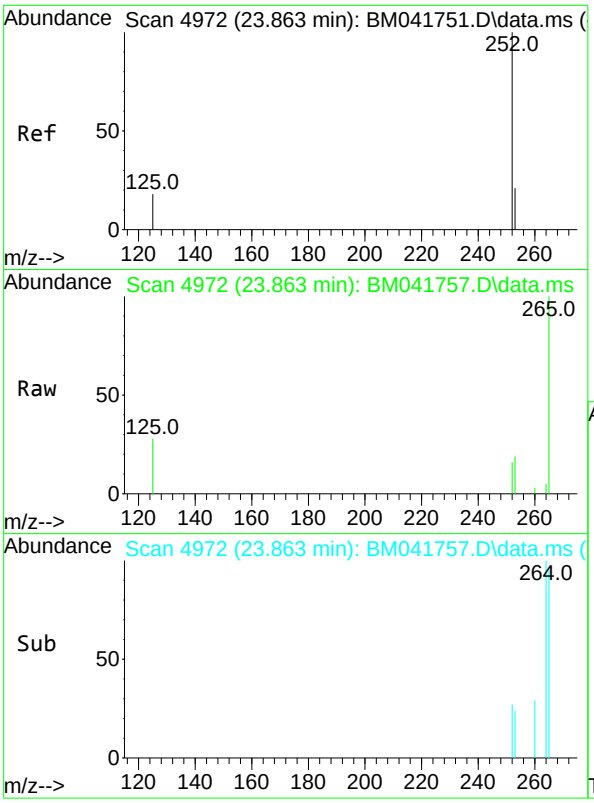


#25
Benzo(k)fluoranthene
Concen: 0.381 ng/ul
RT: 23.278 min Scan# 4772
Delta R.T. 0.003 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

Tgt Ion:252 Resp: 30

Ion	Ratio	Lower	Upper
252	100		
253	116.1	21.3	31.9#
125	172.2	17.4	26.0#



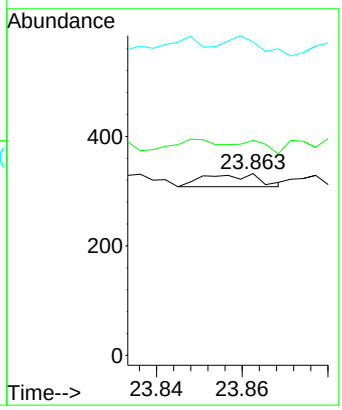


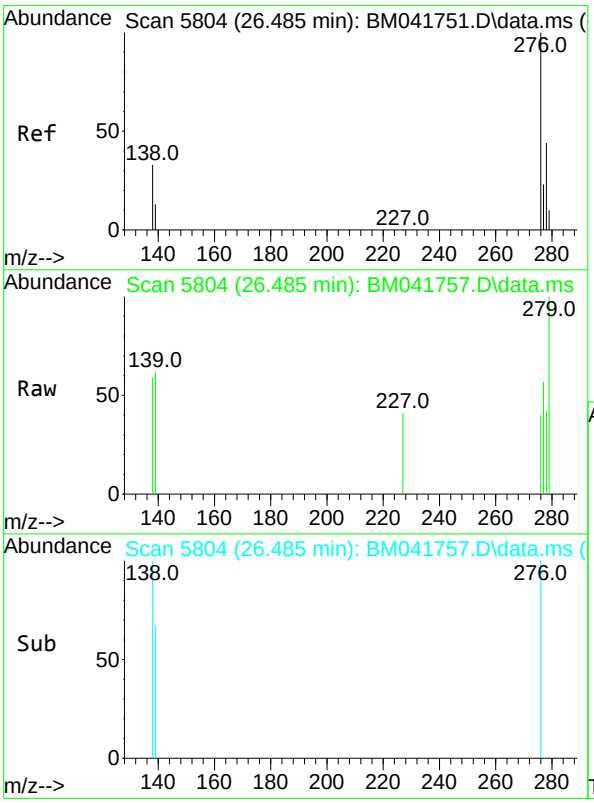
#26
Benzo(a)pyrene
Concen: 0.321 ng/ul
RT: 23.863 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

Instrument :
BNA_M
ClientSampleId :
BBJ81

Tgt Ion:252 Resp: 21

Ion	Ratio	Lower	Upper
252	100		
253	118.4	22.4	33.6#
125	172.6	21.0	31.4#

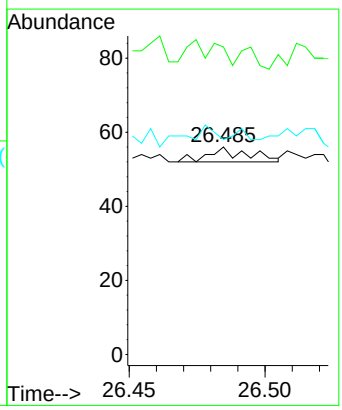


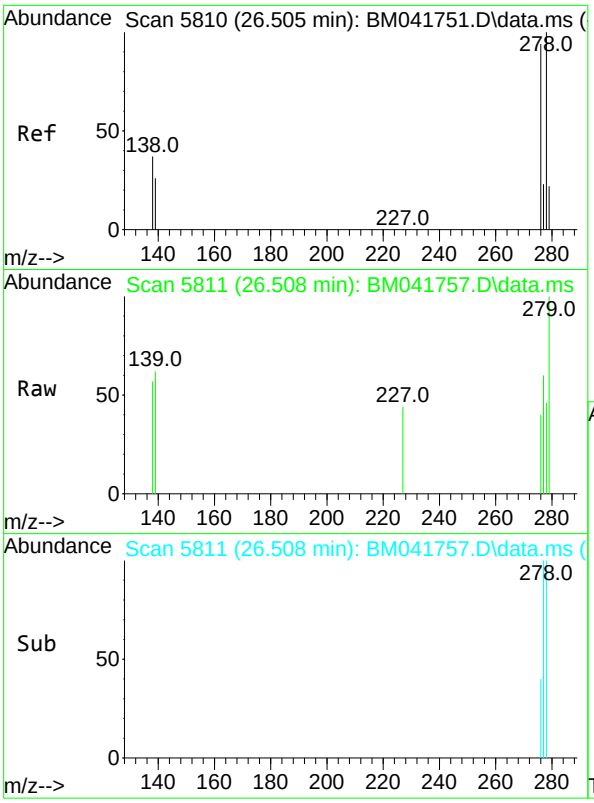


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.045 ng/ul
RT: 26.485 min Scan# 5804
Delta R.T. 0.000 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

Tgt Ion:276 Resp: 4

Ion	Ratio	Lower	Upper
276	100		
138	50.0	26.4	39.6#
227	25.0	0.1	0.1#



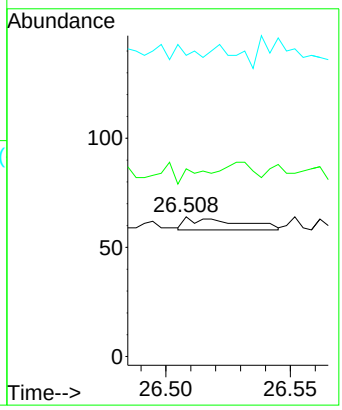


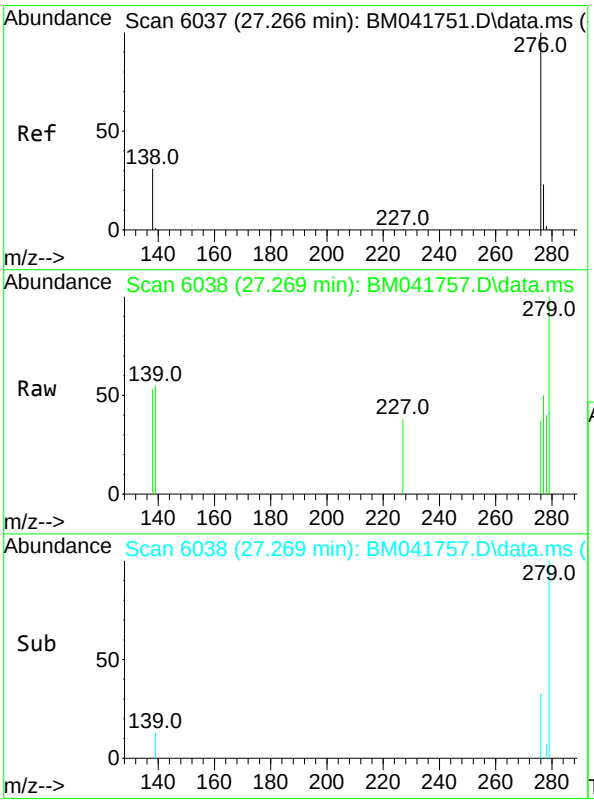
#28
Dibenzo(a,h)anthracene
Concen: 0.127 ng/ul
RT: 26.508 min Scan# 5
Delta R.T. 0.003 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

Instrument :
BNA_M
ClientSampleId :
BBJ81

Tgt Ion:278 Resp: 8

Ion	Ratio	Lower	Upper
278	100		
139	134.4	23.0	34.6#
279	215.6	22.9	34.3#





#29
Benzo(g,h,i)perylene
Concen: 0.163 ng/ul
RT: 27.269 min Scan# 6038
Delta R.T. 0.003 min
Lab File: BM041757.D
Acq: 09 Sep 2023 19:56

Tgt Ion:276 Resp: 13

Ion	Ratio	Lower	Upper
276	100		
138	143.9	25.0	37.4#
277	135.1	20.2	30.2#