Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
Data File : BM039852.D
Acq On : 05 May 2023 19:21
Operator : CG/JU
Sample : 02479-03DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW944DL

Quant Time: May 06 02:48:19 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 06 02:22:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	12	0.400	ng/ul	#-0.01
4) Naphthalene-d8	10.573	136	2	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.386	164	5	0.400	ng/ul	#-0.06
13) Phenanthrene-d10	17.149	188	3	0.400	ng/ul	#-0.06
17) Chrysene-d12	21.310	240	12	0.400	ng/ul	#-0.09
23) Perylene-d12	23.593	264	1048	0.400	ng/ul	#-0.16
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	16	0.905	ng/ul	0.02
6) 2-Methylnaphthalene-d10	12.162	152	3	1.169	ng/ul	-0.05
18) Fluoranthene-d10	19.155	212	8	0.248	ng/ul	-0.09
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	12	0.655	ng/ul#	80
5) Naphthalene	10.573	128	6	1.195	ng/ul#	1
7) 2-Methylnaphthalene	12.338	142	159	54.854	ng/ul	98
8) 1-Methylnaphthalene	12.498	142	66	21.226	ng/ul	94
10) Acenaphthylene	14.182	152	331	17.104	ng/ul#	20
11) Acenaphthene	14.455	153	6	0.395	ng/ul#	69
12) Fluorene	15.445	166	14	0.830	ng/ul#	44
14) Pentachlorophenol	16.854	266	3	4.588	ng/ul#	36
15) Phenanthrene	17.259	178	1011	127.915	ng/ul#	56
16) Anthracene	17.259	178	1011	148.971	ng/ul#	57
20) Pyrene	19.624	202	2900	62.727	ng/ul#	91
21) Benzo(a)anthracene	21.290	228	14	0.406	ng/ul#	1
22) Chrysene	21.383	228	1779	45.563	ng/ul#	56
26) Benzo(a)pyrene	23.532	252	1874	0.567	ng/ul#	11
29) Benzo(g,h,i)perylene	26.910	276	1182	0.325	ng/ul#	33

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

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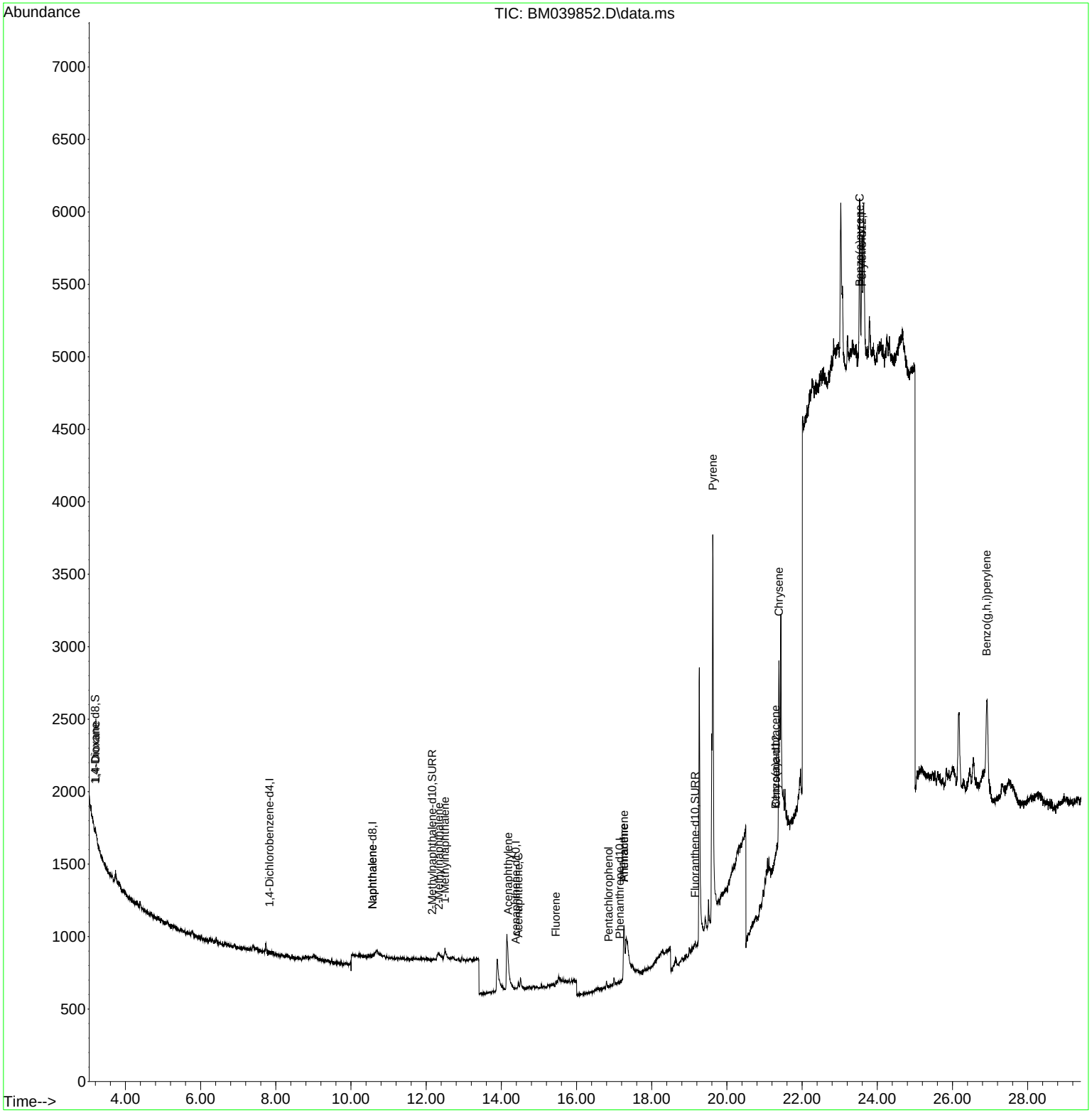
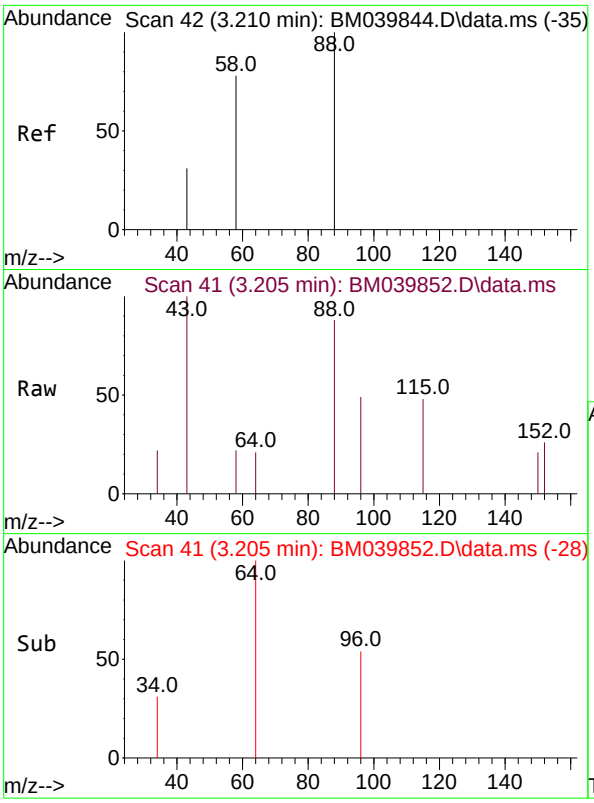


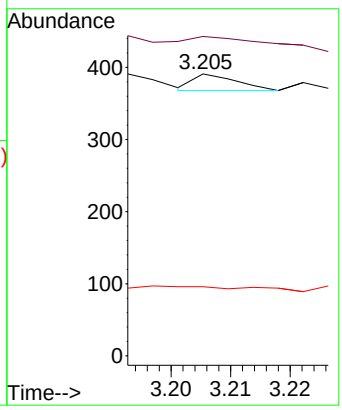


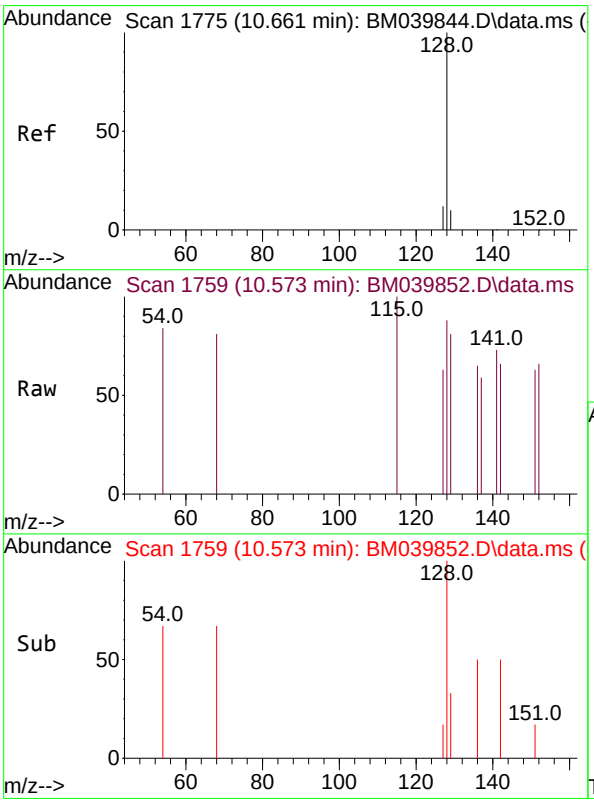
#2
1,4-Dioxane
Concen: 0.655 ng/ul
RT: 3.205 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM039852.D
Acq: 05 May 2023 19:21

Instrument :
BNA_M
ClientSampleId :
EW944DL

Tgt Ion: 88 Resp: 12

Ion	Ratio	Lower	Upper
88	100		
43	113.3	102.6	153.8
58	24.6	40.6	61.0#

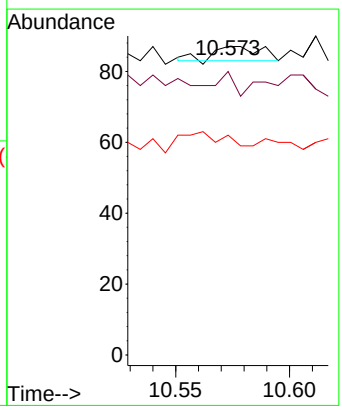


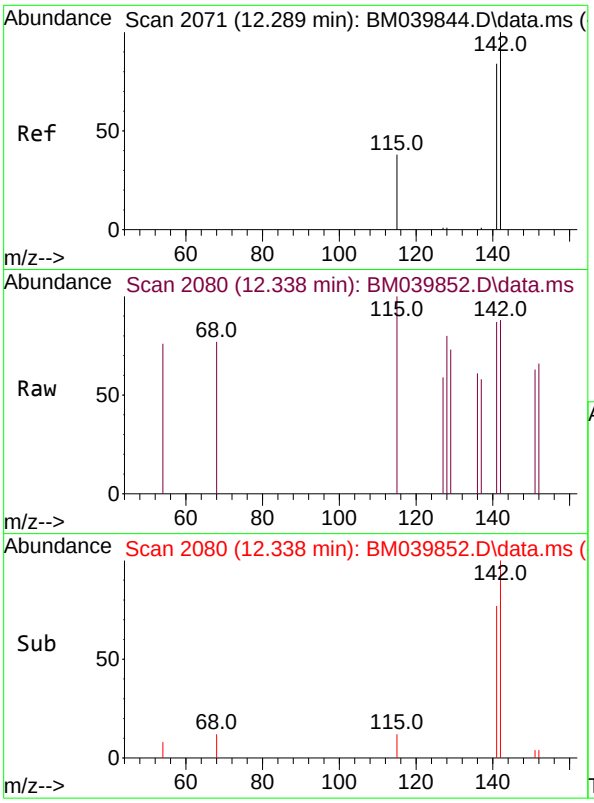


#5
Naphthalene
Concen: 1.195 ng/ul
RT: 10.573 min Scan# 1759
Delta R.T. -0.088 min
Lab File: BM039852.D
Acq: 05 May 2023 19:21

Tgt Ion:128 Resp: 6

Ion	Ratio	Lower	Upper
128	100		
129	92.0	9.8	14.6#
127	71.3	11.1	16.7#



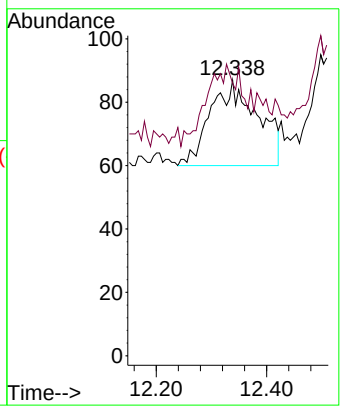


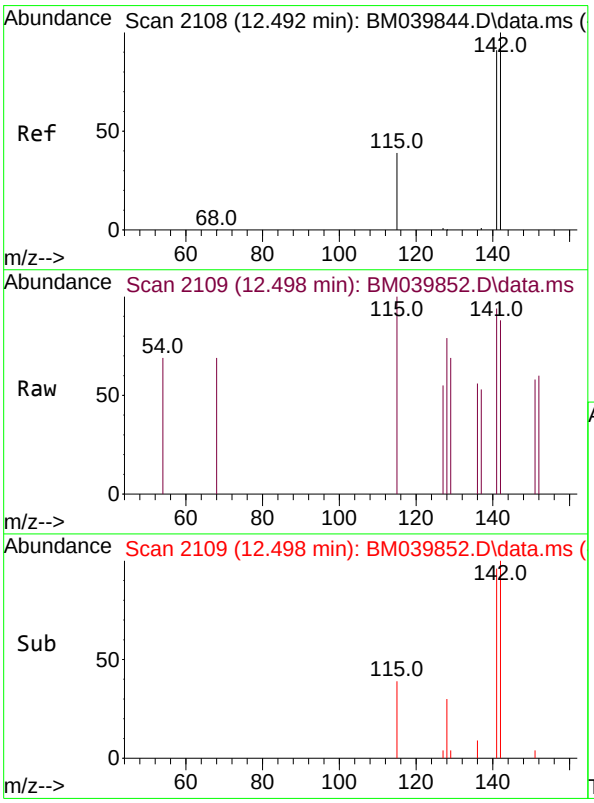
#7
2-Methylnaphthalene
Concen: 54.854 ng/ul
RT: 12.338 min Scan# 2
Delta R.T. 0.050 min
Lab File: BM039852.D
Acq: 05 May 2023 19:21

Instrument :
BNA_M
ClientSampleId :
EW944DL

Tgt Ion:142 Resp: 159

Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.2	109.8

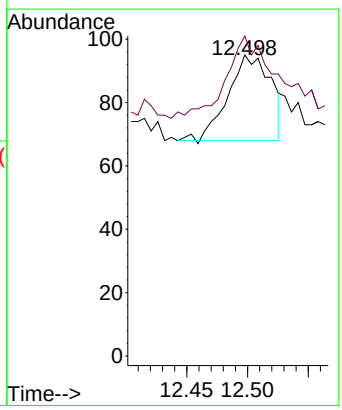


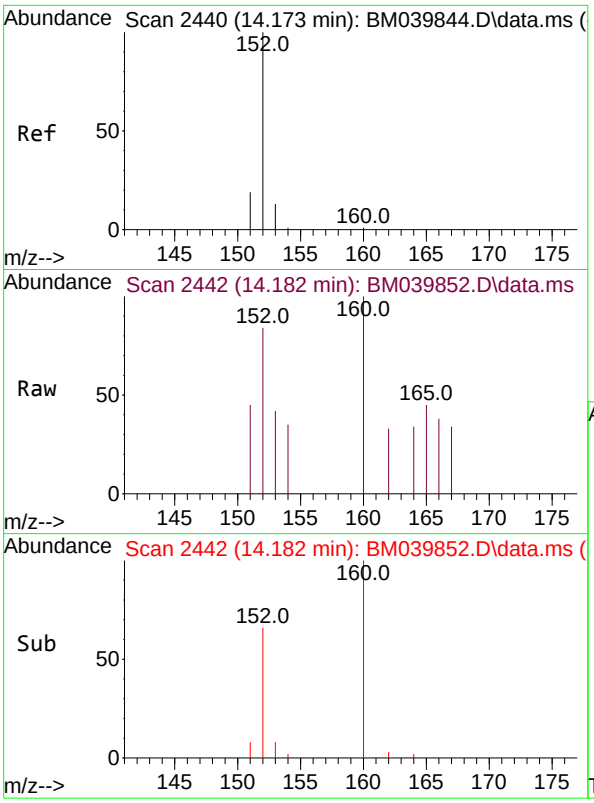


#8
1-Methylnaphthalene
Concen: 21.226 ng/ul
RT: 12.498 min Scan# 2109
Delta R.T. 0.005 min
Lab File: BM039852.D
Acq: 05 May 2023 19:21

Tgt Ion:142 Resp: 66

Ion	Ratio	Lower	Upper
142	100		
141	86.4	73.4	110.2



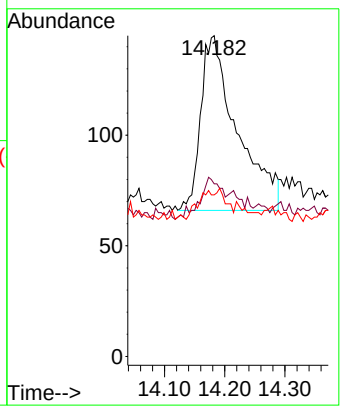


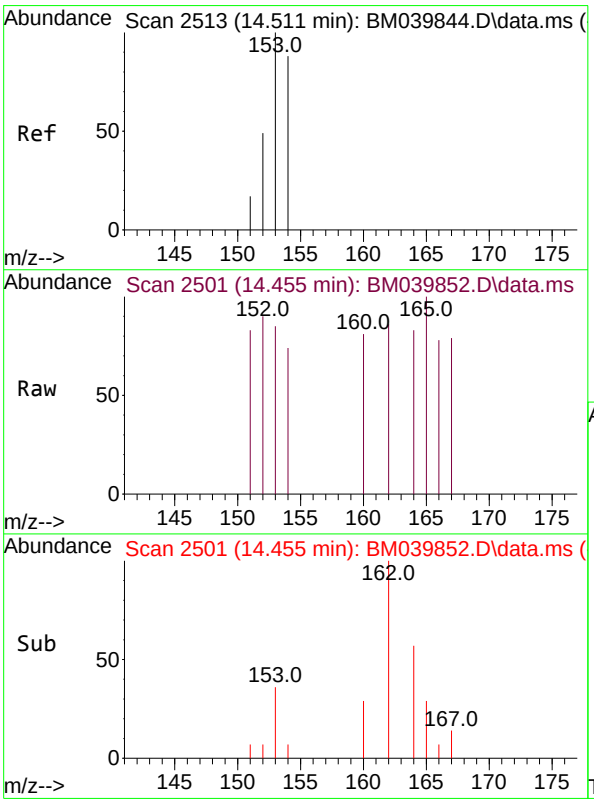
#10
Acenaphthylene
Concen: 17.104 ng/ul
RT: 14.182 min Scan# 24
Delta R.T. 0.009 min
Lab File: BM039852.D
Acq: 05 May 2023 19:21

Instrument :
BNA_M
ClientSampleId :
EW944DL

Tgt Ion:152 Resp: 331

Ion	Ratio	Lower	Upper
152	100		
151	53.8	16.0	24.0#
153	50.3	11.2	16.8#

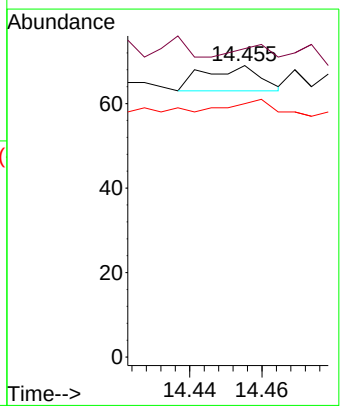


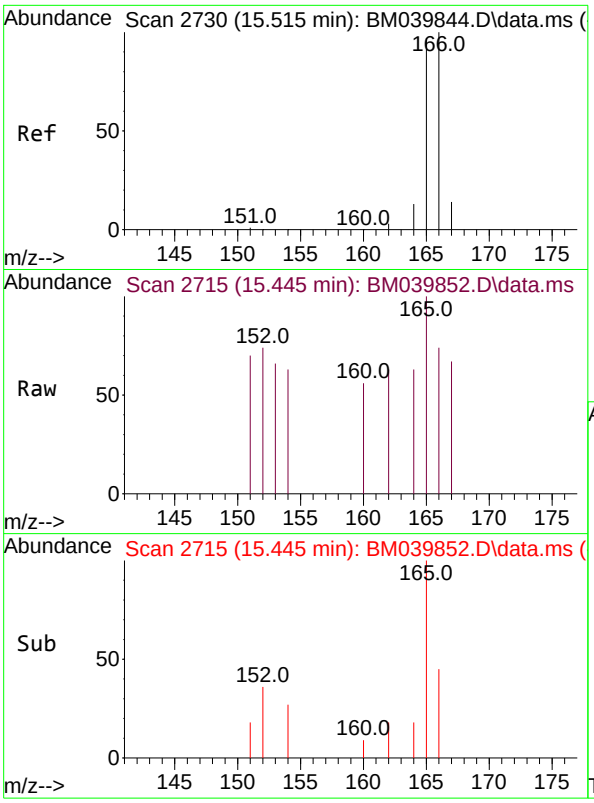


#11
Acenaphthene
Concen: 0.395 ng/ul
RT: 14.455 min Scan# 2501
Delta R.T. -0.056 min
Lab File: BM039852.D
Acq: 05 May 2023 19:21

Tgt Ion:153 Resp: 6

Ion	Ratio	Lower	Upper
153	100		
152	105.8	40.6	61.0#
154	87.0	71.9	107.9



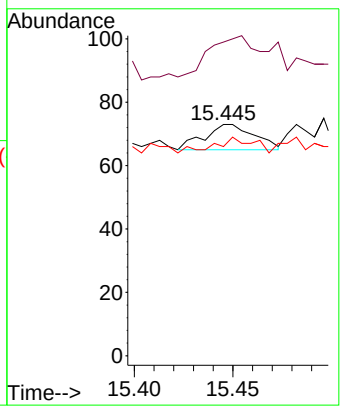


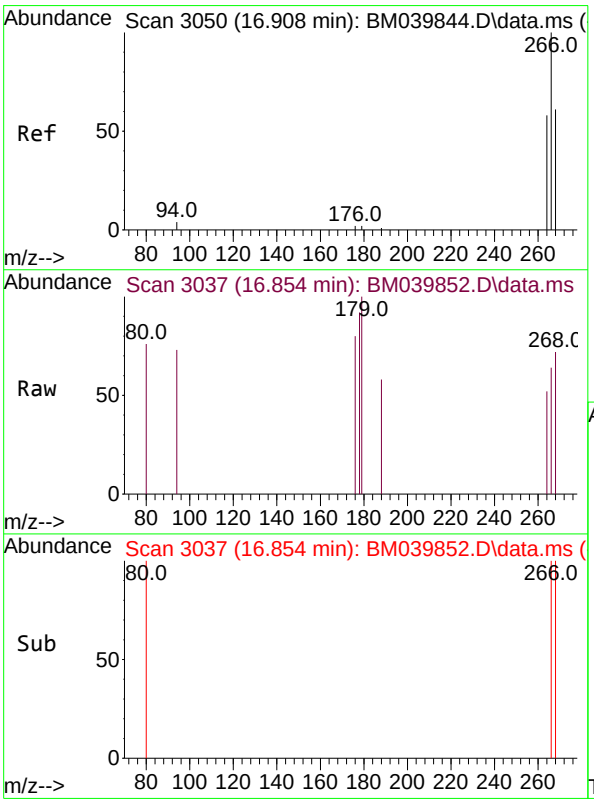
#12
Fluorene
Concen: 0.830 ng/ul
RT: 15.445 min Scan# 2
Delta R.T. -0.069 min
Lab File: BM039852.D
Acq: 05 May 2023 19:21

Instrument :
BNA_M
ClientSampleId :
EW944DL

Tgt Ion:166 Resp: 14

Ion	Ratio	Lower	Upper
166	100		
165	135.6	79.0	118.6#
167	90.4	11.8	17.6#

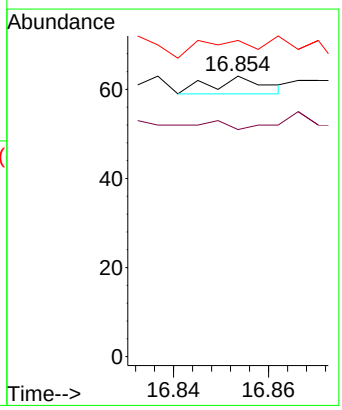


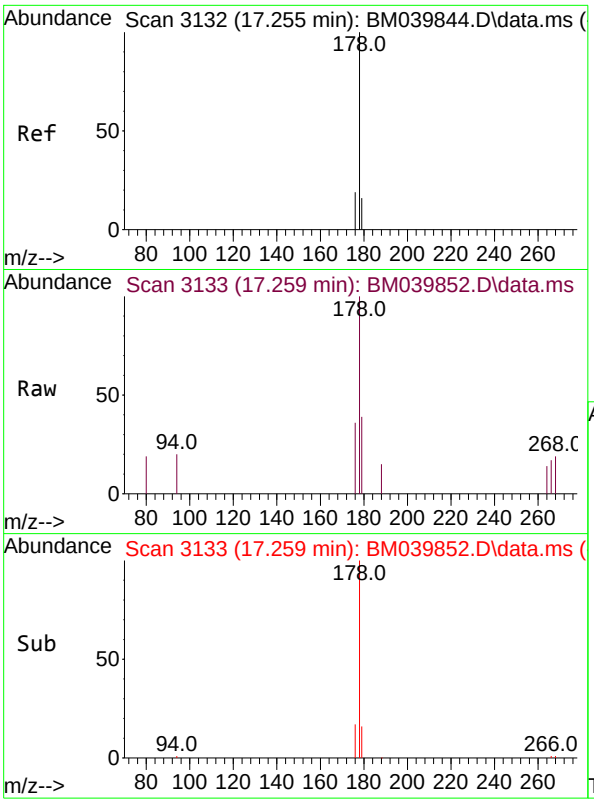


#14
Pentachlorophenol
Concen: 4.588 ng/ul
RT: 16.854 min Scan# 3037
Delta R.T. -0.055 min
Lab File: BM039852.D
Acq: 05 May 2023 19:21

Tgt Ion:266 Resp: 3

Ion	Ratio	Lower	Upper
266	100		
264	0.0	48.8	73.2#
268	100.0	50.4	75.6#



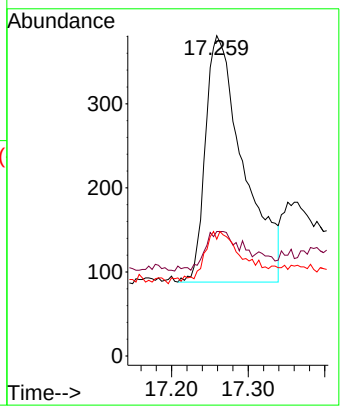


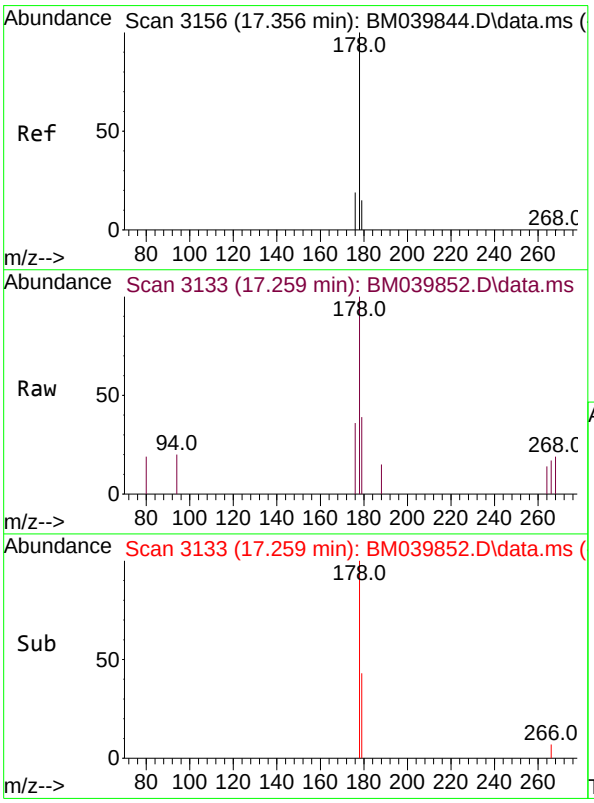
#15
Phenanthrene
Concen: 127.915 ng/ul
RT: 17.259 min Scan# 3
Delta R.T. 0.004 min
Lab File: BM039852.D
Acq: 05 May 2023 19:21

Instrument :
BNA_M
ClientSampleId :
EW944DL

Tgt Ion:178 Resp: 1011

Ion	Ratio	Lower	Upper
178	100		
179	38.8	13.0	19.6#
176	36.5	15.8	23.8#

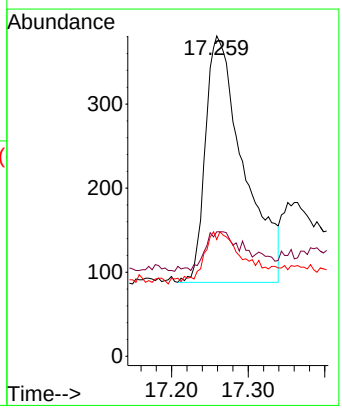


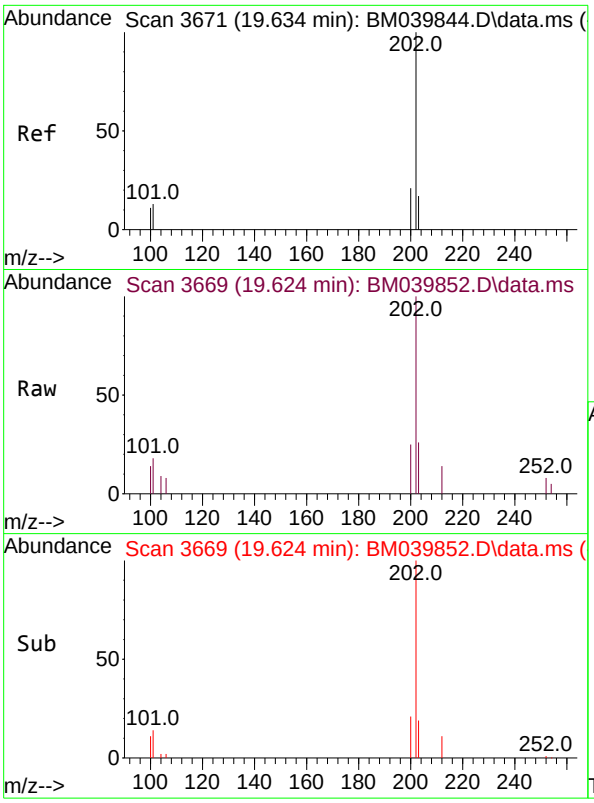


#16
Anthracene
Concen: 148.971 ng/ul
RT: 17.259 min Scan# 3133
Delta R.T. -0.097 min
Lab File: BM039852.D
Acq: 05 May 2023 19:21

Tgt Ion:178 Resp: 1011

Ion	Ratio	Lower	Upper
178	100		
179	38.8	13.8	20.6#
176	36.5	15.8	23.8#



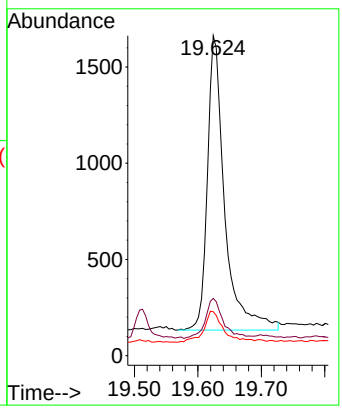


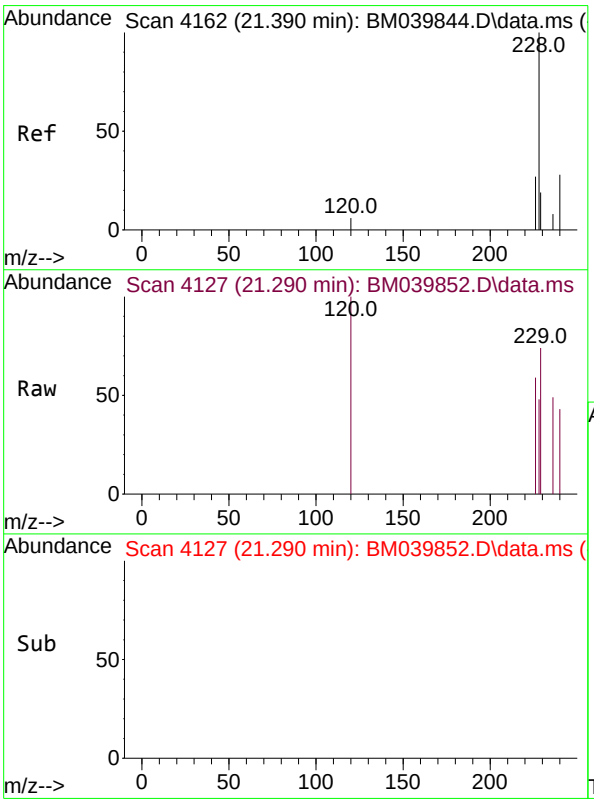
#20
Pyrene
Concen: 62.727 ng/ul
RT: 19.624 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM039852.D
Acq: 05 May 2023 19:21

Instrument :
BNA_M
ClientSampleId :
EW944DL

Tgt Ion:202 Resp: 2900

Ion	Ratio	Lower	Upper
202	100		
101	17.9	10.9	16.3#
100	13.8	8.9	13.3#

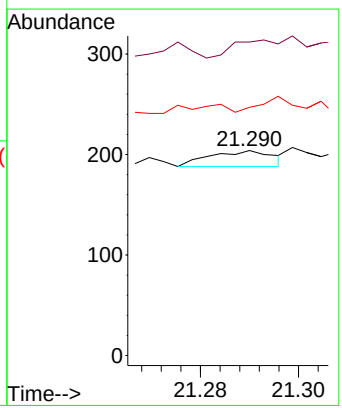


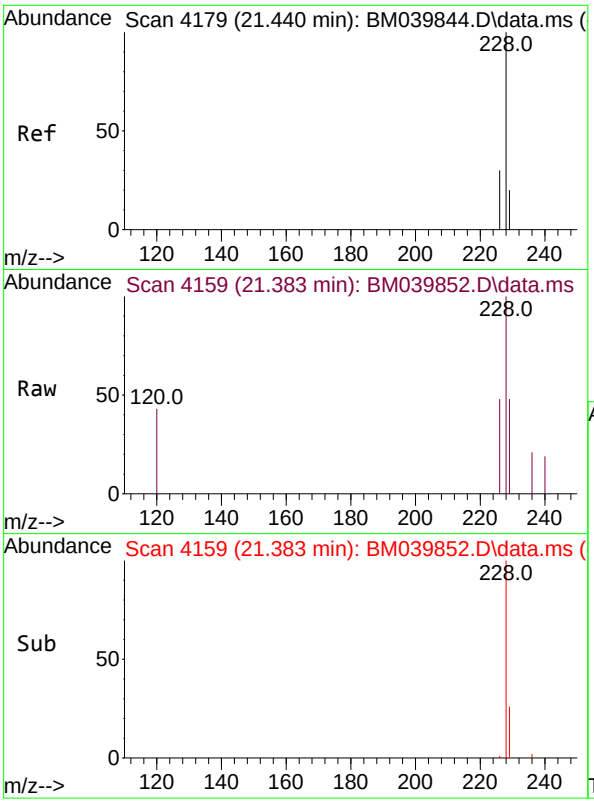


#21
Benzo(a)anthracene
Concen: 0.406 ng/ul
RT: 21.290 min Scan# 4127
Delta R.T. -0.101 min
Lab File: BM039852.D
Acq: 05 May 2023 19:21

Tgt Ion:228 Resp: 14

Ion	Ratio	Lower	Upper
228	100		
229	152.9	16.2	24.2#
226	121.1	21.6	32.4#



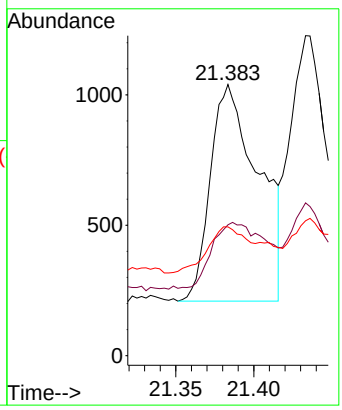


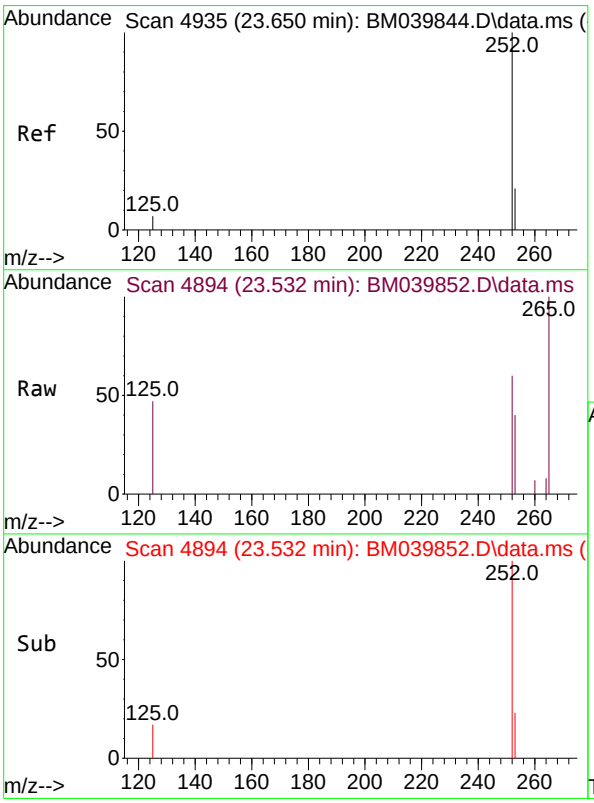
#22
Chrysene
Concen: 45.563 ng/ul
RT: 21.383 min Scan# 4
Delta R.T. -0.057 min
Lab File: BM039852.D
Acq: 05 May 2023 19:21

Instrument :
BNA_M
ClientSampleId :
EW944DL

Tgt Ion:228 Resp: 1779

Ion	Ratio	Lower	Upper
228	100		
226	48.3	24.3	36.5#
229	47.5	15.9	23.9#

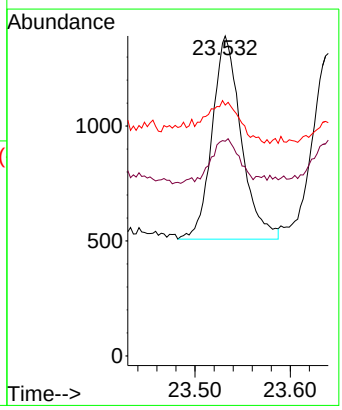


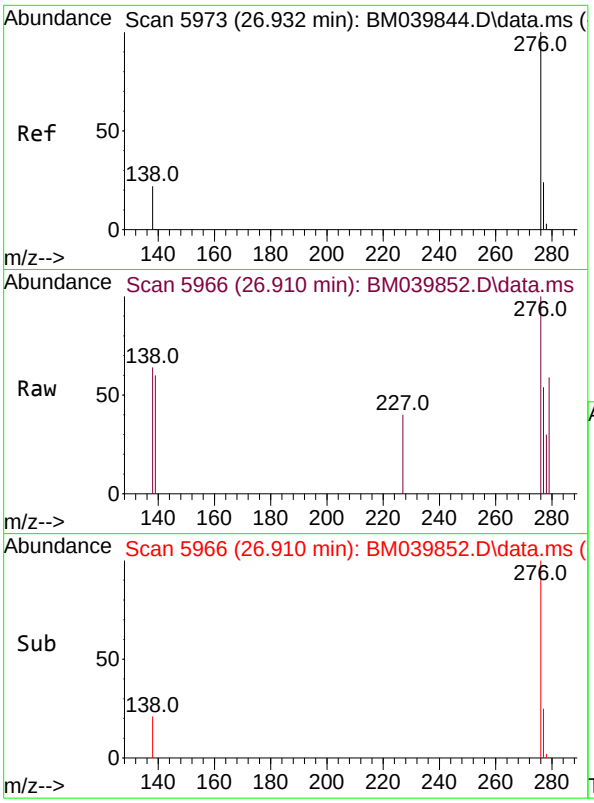


#26
Benzo(a)pyrene
Concen: 0.567 ng/ul
RT: 23.532 min Scan# 4894
Delta R.T. -0.118 min
Lab File: BM039852.D
Acq: 05 May 2023 19:21

Tgt Ion:252 Resp: 1874

Ion	Ratio	Lower	Upper
252	100		
253	67.1	24.7	37.1#
125	78.4	16.5	24.7#





#29
Benzo(g,h,i)perylene
Concen: 0.325 ng/ul
RT: 26.910 min Scan# 5
Delta R.T. -0.022 min
Lab File: BM039852.D
Acq: 05 May 2023 19:21

Instrument :
BNA_M
ClientSampleId :
EW944DL

Tgt Ion:276 Resp: 1182

Ion	Ratio	Lower	Upper
276	100		
138	63.9	20.1	30.1#
277	54.1	20.1	30.1#