Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046541.D
Acq On : 12 Jul 2024 10:36
Operator : MA/JU
Sample : P3035-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4DP0

Quant Time: Jul 12 11:09:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 05:09:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	1189	0.400	ng/ul	0.00
4) Naphthalene-d8	10.270	136	2836	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.154	164	2003	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.904	188	5021	0.400	ng/ul	0.00
17) Chrysene-d12	21.111	240	6348	0.400	ng/ul	0.00
23) Perylene-d12	23.250	264	8147	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	289	0.296	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.870	152	898	0.196	ng/ul	0.00
18) Fluoranthene-d10	18.940	212	4650	0.241	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.319	128	78810	10.924	ng/ul	95
10) Acenaphthylene	13.867	152	83535	9.161	ng/ul	97
11) Acenaphthene	14.214	153	68158	11.157	ng/ul	96
12) Fluorene	15.209	166	26334	3.484	ng/ul	97
15) Phenanthrene	16.946	178	77170	5.386	ng/ul	98
16) Anthracene	17.034	178	99104	7.088	ng/ul	97
19) Fluoranthene	18.973	202	204145	7.829	ng/ul#	96
20) Pyrene	19.335	202	67180	2.380	ng/ul#	97
21) Benzo(a)anthracene	21.094	228	154140	5.489	ng/ul	98
22) Chrysene	21.146	228	53402	1.965	ng/ul	98
24) Benzo(b)fluoranthene	22.619	252	200089	6.149	ng/ul	89
25) Benzo(k)fluoranthene	22.660	252	177741	5.563	ng/ul#	89
26) Benzo(a)pyrene	23.157	252	93630	3.496	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.373	276	114947	2.820	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.394	278	30761	0.953	ng/ul	94
29) Benzo(g,h,i)perylene	26.017	276	203173	6.248	ng/ul	96

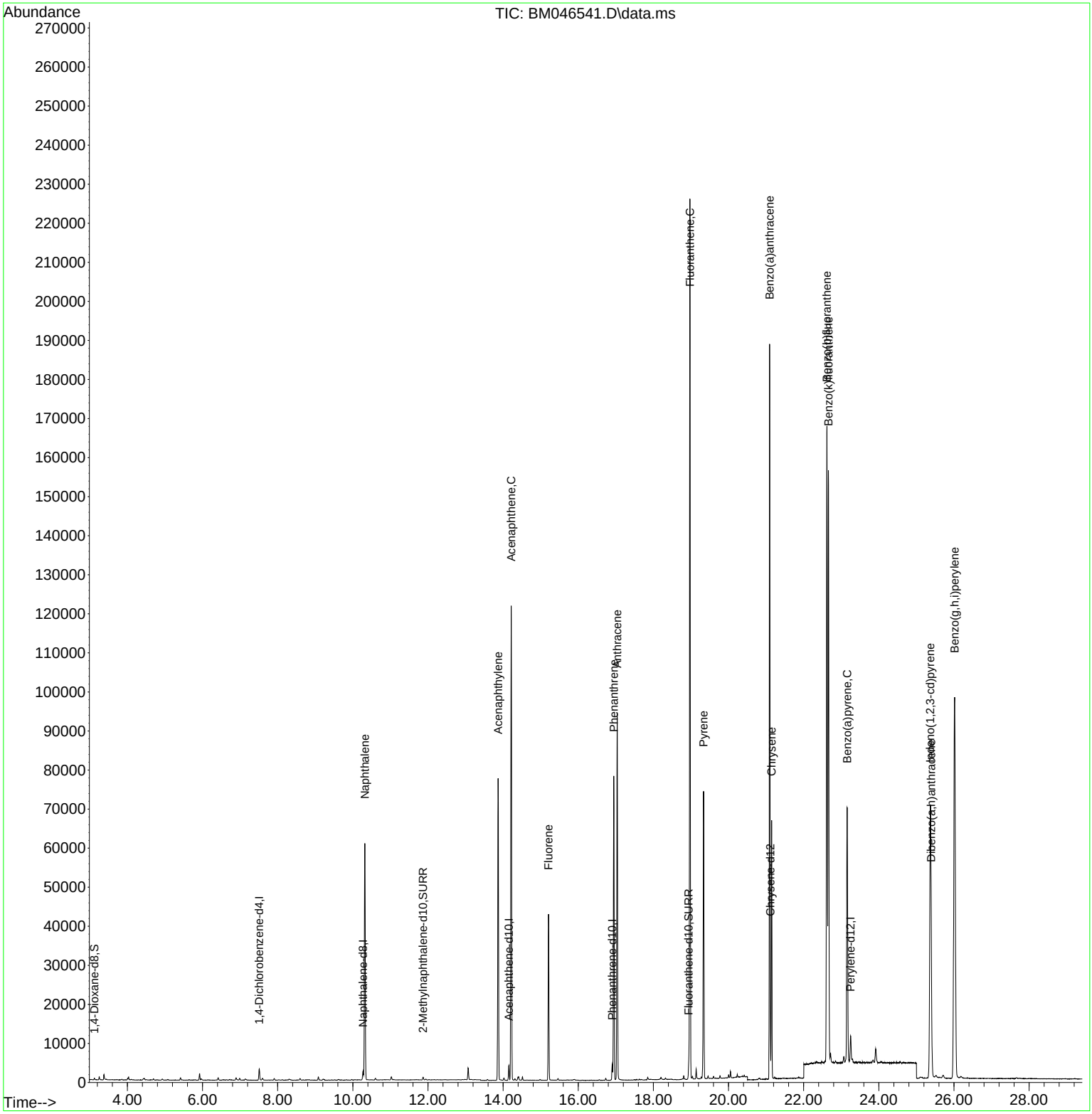
(#) = qualifier out of range (m) = manual integration (+) = signals summed

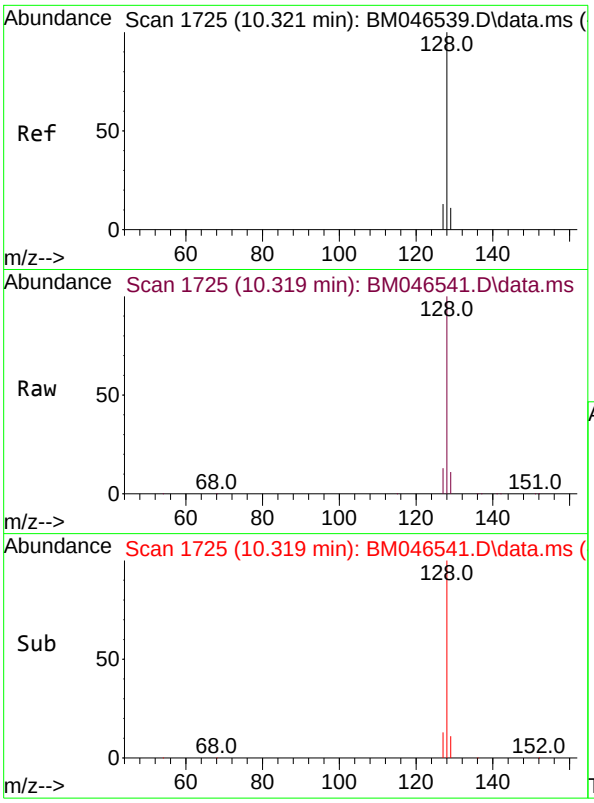
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046541.D
Acq On : 12 Jul 2024 10:36
Operator : MA/JU
Sample : P3035-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4DP0

Quant Time: Jul 12 11:09:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 05:09:19 2024
Response via : Initial Calibration



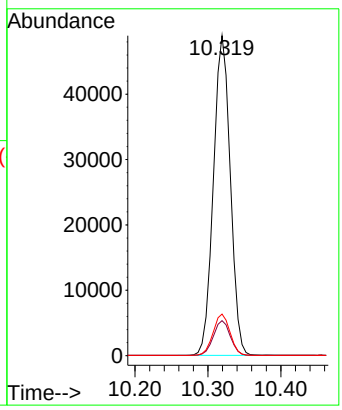


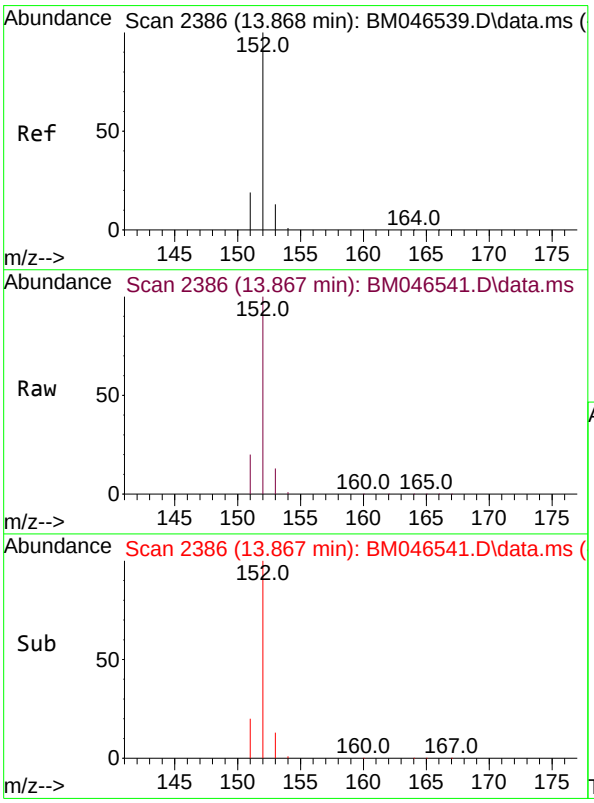
#5
Naphthalene
Concen: 10.924 ng/ul
RT: 10.319 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM046541.D
Acq: 12 Jul 2024 10:36

Instrument :
BNA_M
ClientSampleId :
A4DP0

Tgt Ion:128 Resp: 78810

Ion	Ratio	Lower	Upper
128	100		
129	11.0	10.3	15.5
127	13.0	12.2	18.4

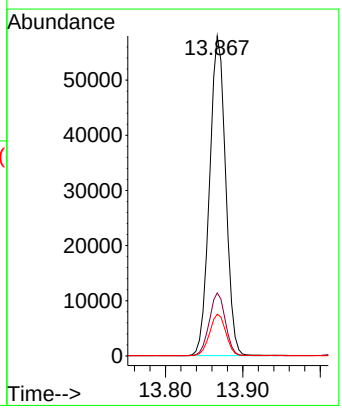


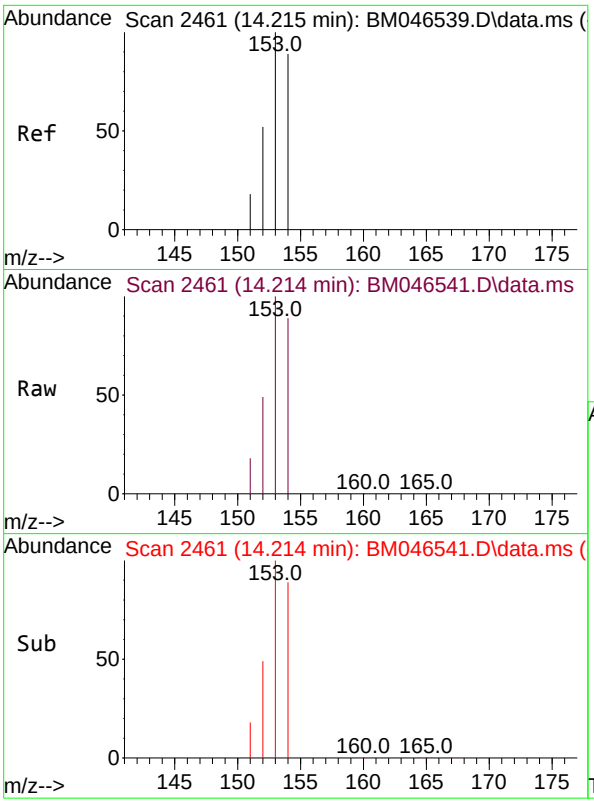


#10
Acenaphthylene
Concen: 9.161 ng/ul
RT: 13.867 min Scan# 2386
Delta R.T. -0.005 min
Lab File: BM046541.D
Acq: 12 Jul 2024 10:36

Tgt Ion:152 Resp: 83535

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.4	24.6
153	13.1	12.4	18.6



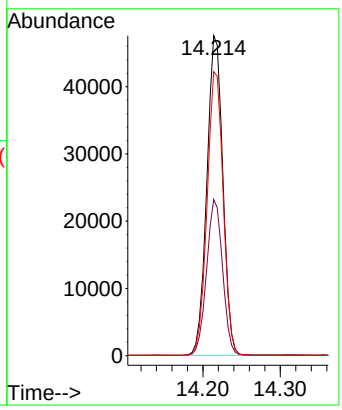


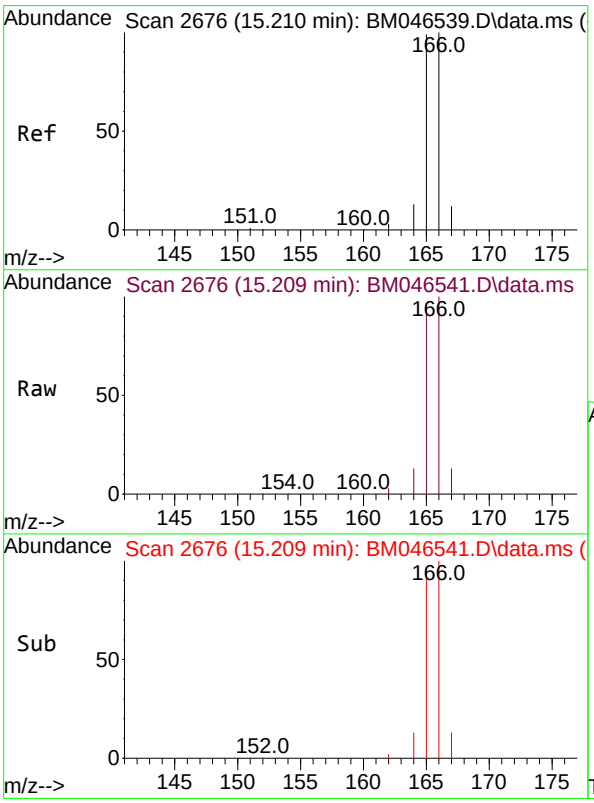
#11
Acenaphthene
Concen: 11.157 ng/ul
RT: 14.214 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM046541.D
Acq: 12 Jul 2024 10:36

Instrument :
BNA_M
ClientSampleId :
A4DP0

Tgt Ion:153 Resp: 68158

Ion	Ratio	Lower	Upper
153	100		
152	48.8	43.0	64.6
154	88.7	69.9	104.9

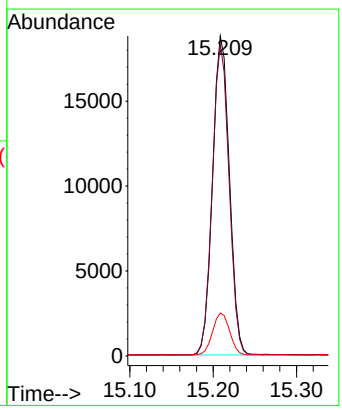


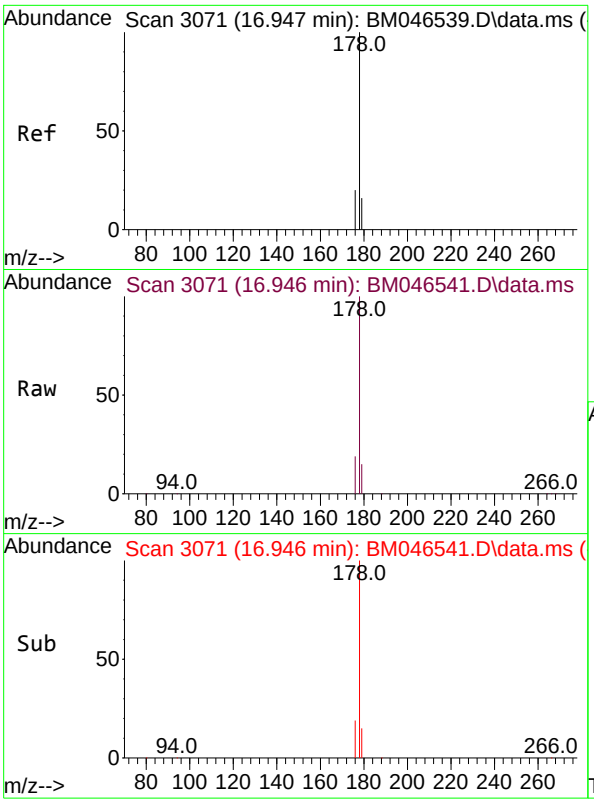


#12
Fluorene
Concen: 3.484 ng/ul
RT: 15.209 min Scan# 2676
Delta R.T. -0.005 min
Lab File: BM046541.D
Acq: 12 Jul 2024 10:36

Tgt Ion:166 Resp: 26334

Ion	Ratio	Lower	Upper
166	100		
165	97.5	76.1	114.1
167	13.4	12.5	18.7



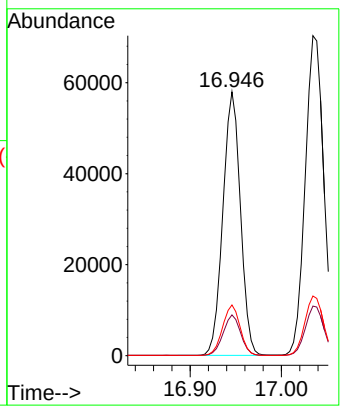


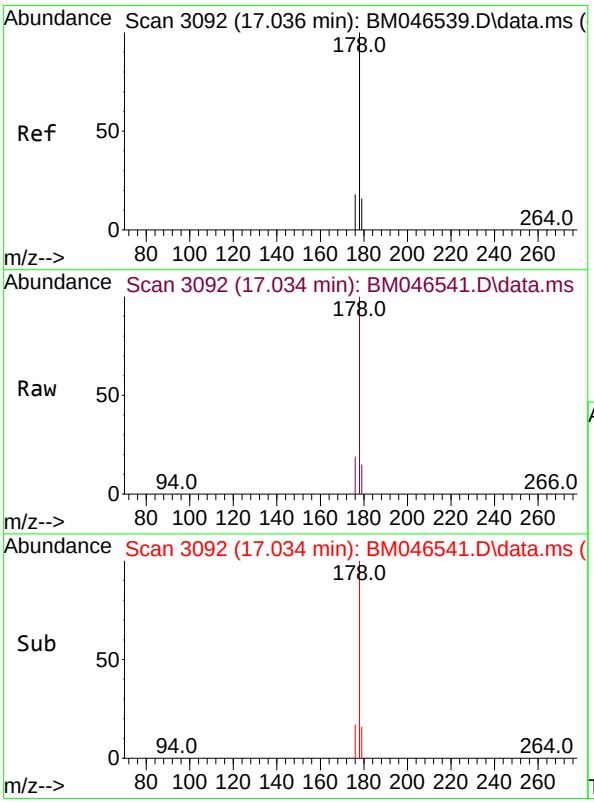
#15
Phenanthrene
Concen: 5.386 ng/ul
RT: 16.946 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM046541.D
Acq: 12 Jul 2024 10:36

Instrument :
BNA_M
ClientSampleId :
A4DP0

Tgt Ion:178 Resp: 77170

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.1	19.7
176	19.2	16.0	24.0

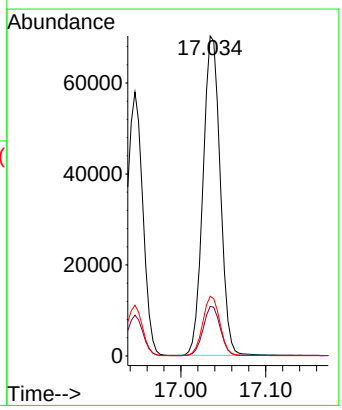


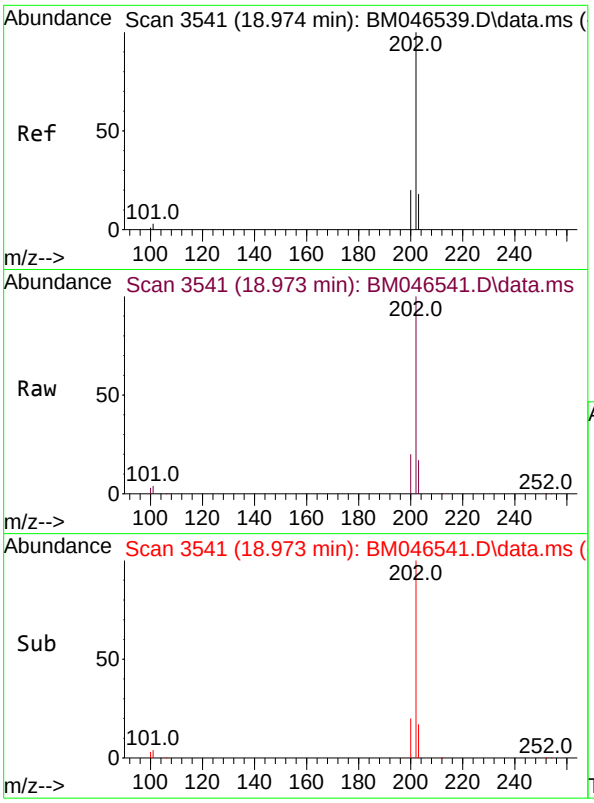


#16
Anthracene
Concen: 7.088 ng/ul
RT: 17.034 min Scan# 3092
Delta R.T. -0.004 min
Lab File: BM046541.D
Acq: 12 Jul 2024 10:36

Tgt Ion:178 Resp: 99104

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.5	20.3
176	18.6	15.7	23.5



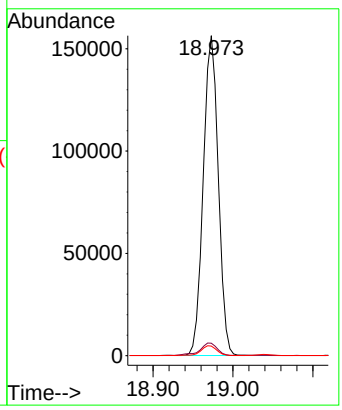


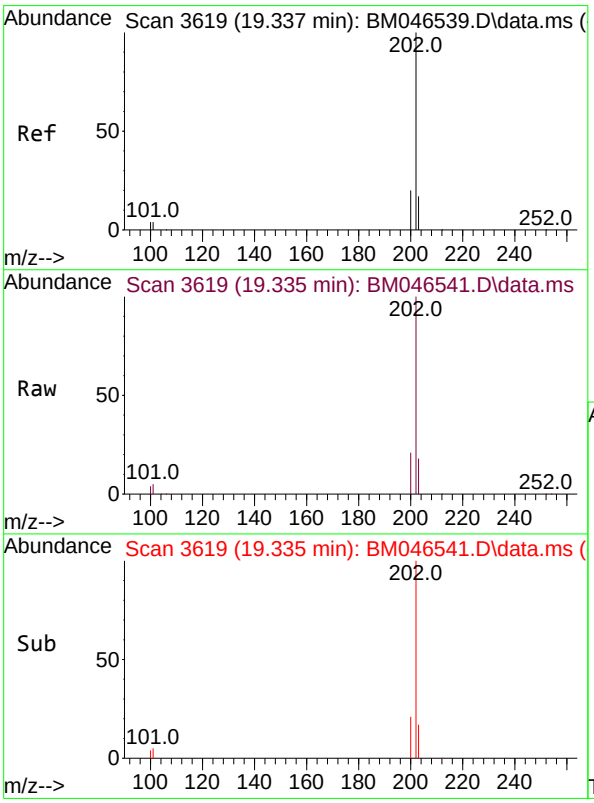
#19
Fluoranthene
Concen: 7.829 ng/ul
RT: 18.973 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM046541.D
Acq: 12 Jul 2024 10:36

Instrument :
BNA_M
ClientSampleId :
A4DP0

Tgt Ion:202 Resp: 204145

Ion	Ratio	Lower	Upper
202	100		
101	3.9	4.6	6.8#
100	3.0	3.0	4.6#

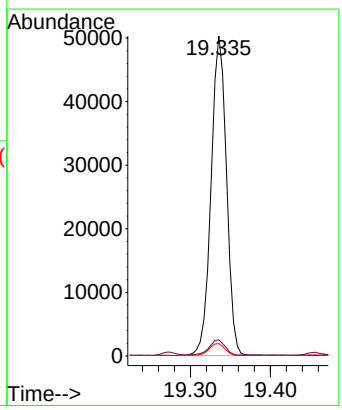


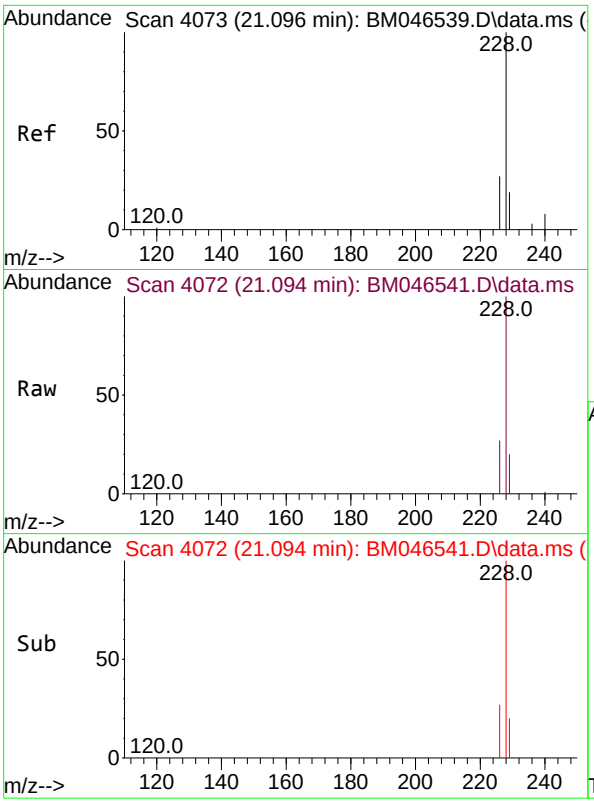


#20
Pyrene
Concen: 2.380 ng/ul
RT: 19.335 min Scan# 3619
Delta R.T. -0.005 min
Lab File: BM046541.D
Acq: 12 Jul 2024 10:36

Tgt Ion:202 Resp: 67180

Ion	Ratio	Lower	Upper
202	100		
101	5.1	5.1	7.7#
100	3.8	3.8	5.6



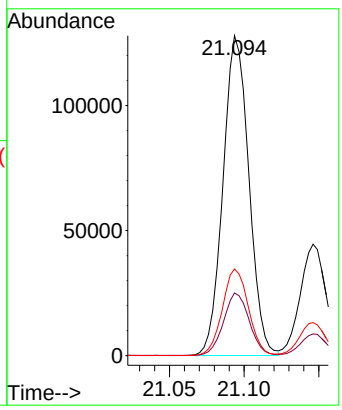


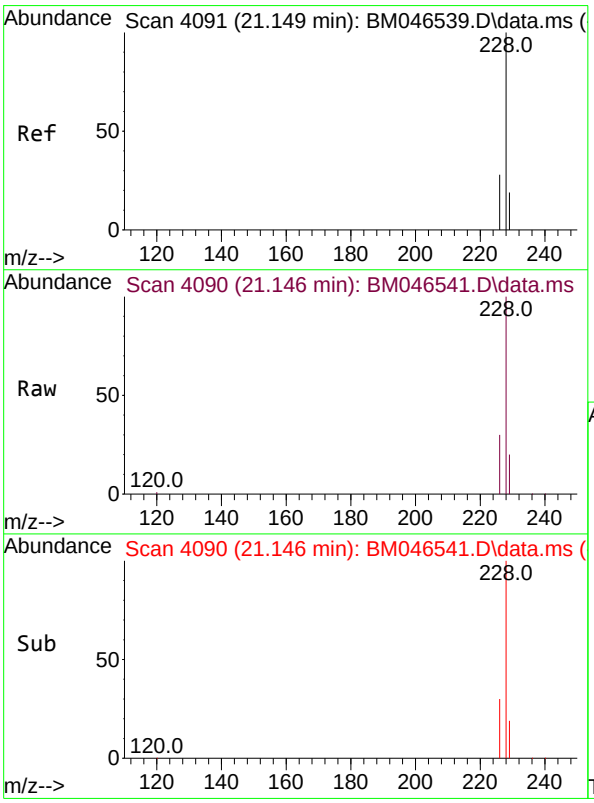
#21
Benzo(a)anthracene
Concen: 5.489 ng/ul
RT: 21.094 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM046541.D
Acq: 12 Jul 2024 10:36

Instrument :
BNA_M
ClientSampleId :
A4DP0

Tgt Ion:228 Resp: 154140

Ion	Ratio	Lower	Upper
228	100		
229	19.6	16.5	24.7
226	27.1	22.5	33.7

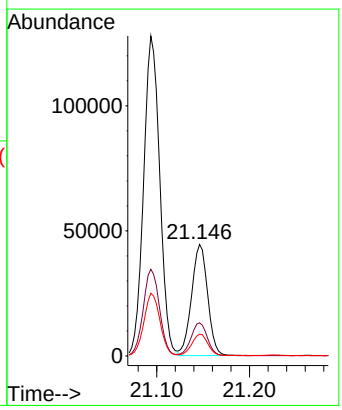


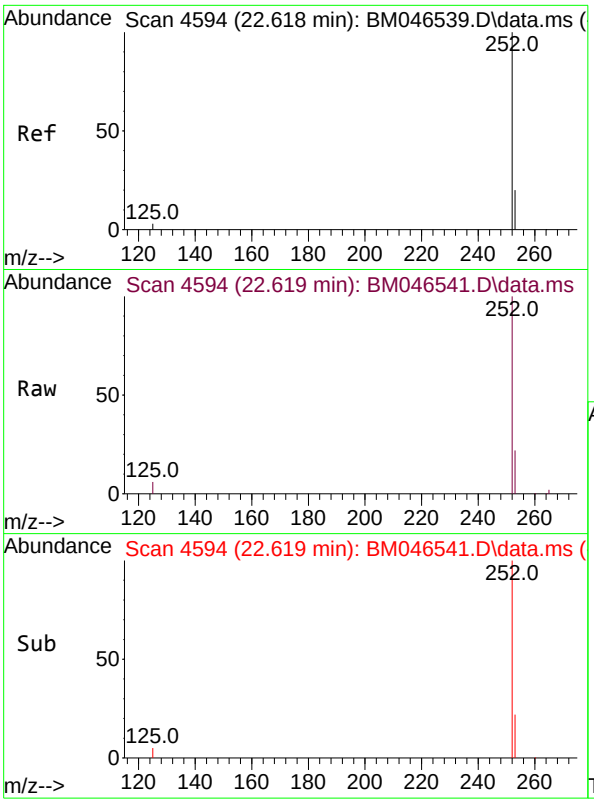


#22
Chrysene
Concen: 1.965 ng/ul
RT: 21.146 min Scan# 4090
Delta R.T. -0.003 min
Lab File: BM046541.D
Acq: 12 Jul 2024 10:36

Tgt Ion:228 Resp: 53402

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.3	36.5
229	19.6	16.4	24.6



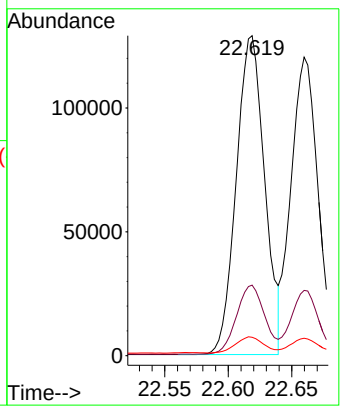


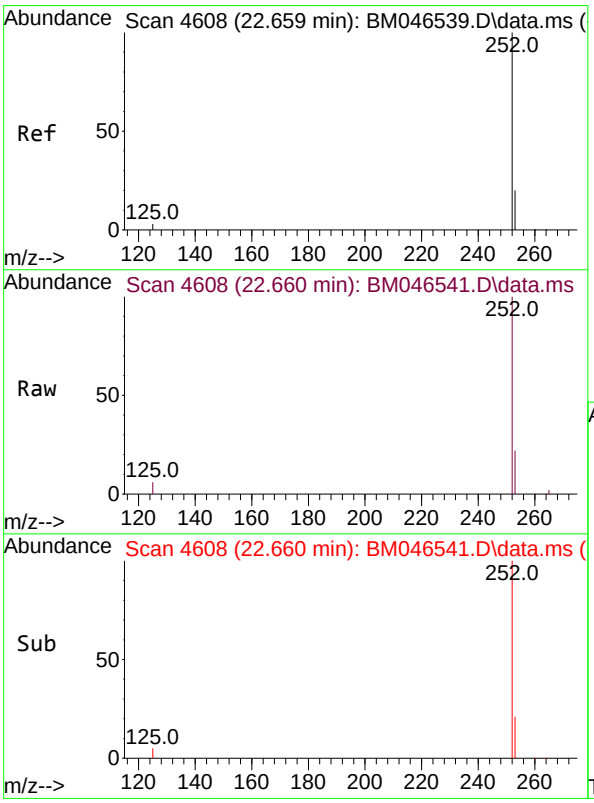
#24
Benzo(b)fluoranthene
Concen: 6.149 ng/ul
RT: 22.619 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM046541.D
Acq: 12 Jul 2024 10:36

Instrument :
BNA_M
ClientSampleId :
A4DP0

Tgt Ion:252 Resp: 200089

Ion	Ratio	Lower	Upper
252	100		
253	22.1	0.0	56.2
125	5.8	0.0	17.8

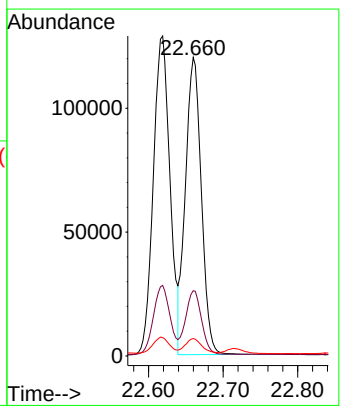


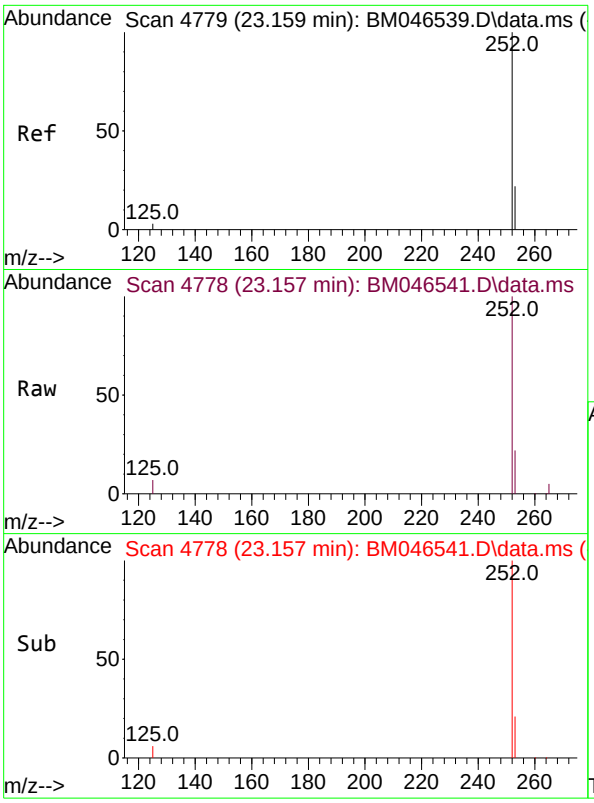


#25
Benzo(k)fluoranthene
Concen: 5.563 ng/ul
RT: 22.660 min Scan# 4608
Delta R.T. -0.003 min
Lab File: BM046541.D
Acq: 12 Jul 2024 10:36

Tgt Ion:252 Resp: 177741

Ion	Ratio	Lower	Upper
252	100		
253	21.9	22.4	33.6#
125	5.8	7.0	10.4#



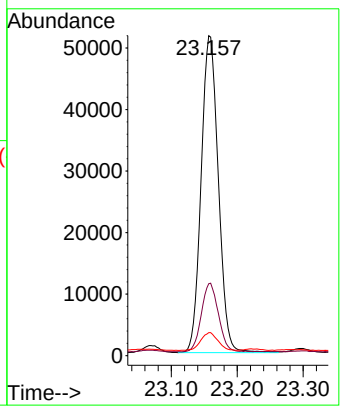


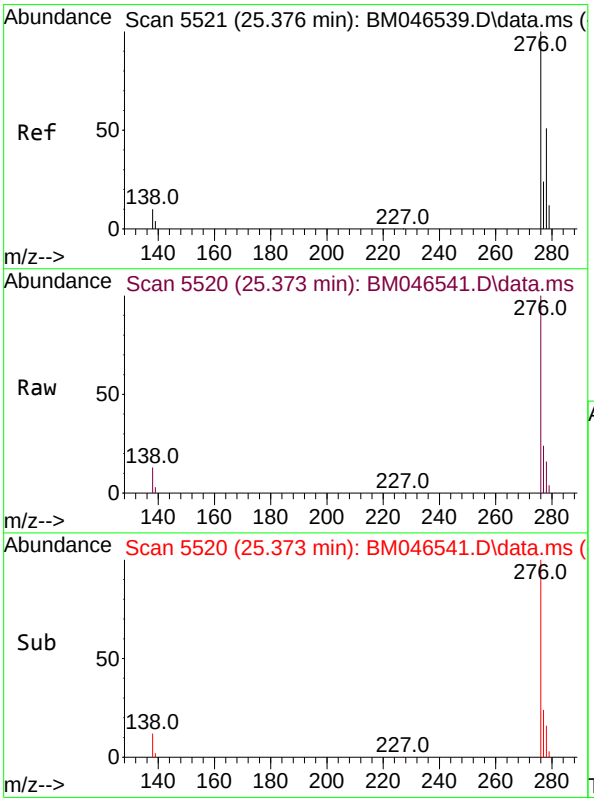
#26
Benzo(a)pyrene
Concen: 3.496 ng/ul
RT: 23.157 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM046541.D
Acq: 12 Jul 2024 10:36

Instrument :
BNA_M
ClientSampleId :
A4DP0

Tgt Ion:252 Resp: 93630

Ion	Ratio	Lower	Upper
252	100		
253	22.5	24.0	36.0#
125	7.2	8.2	12.2#

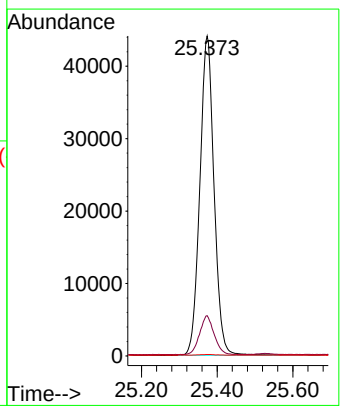


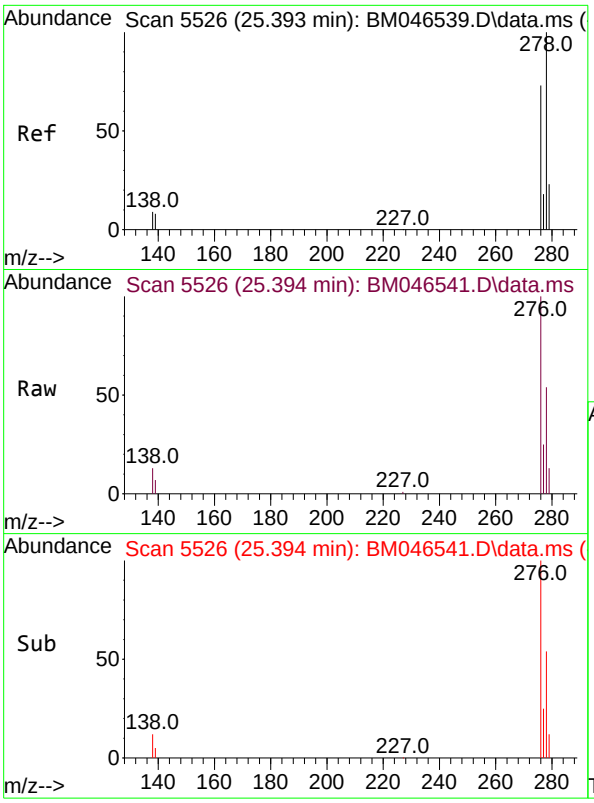


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.820 ng/ul
RT: 25.373 min Scan# 5520
Delta R.T. -0.010 min
Lab File: BM046541.D
Acq: 12 Jul 2024 10:36

Tgt Ion:276 Resp: 114947

Ion	Ratio	Lower	Upper
276	100		
138	12.4	0.0	0.0#
227	0.2	0.2	0.2



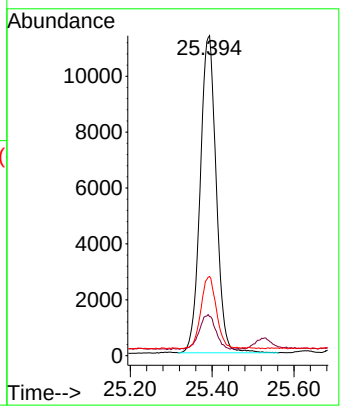


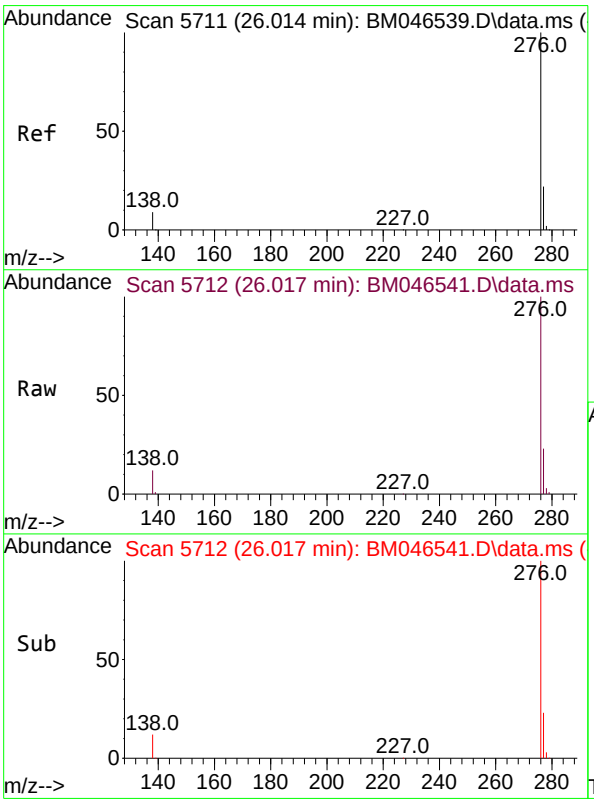
#28
Dibenzo(a,h)anthracene
Concen: 0.953 ng/ul
RT: 25.394 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM046541.D
Acq: 12 Jul 2024 10:36

Instrument :
BNA_M
ClientSampleId :
A4DP0

Tgt Ion:278 Resp: 30761

Ion	Ratio	Lower	Upper
278	100		
139	12.2	9.1	13.7
279	24.7	23.2	34.8





#29
Benzo(g,h,i)perylene
Concen: 6.248 ng/ul
RT: 26.017 min Scan# 5712
Delta R.T. -0.003 min
Lab File: BM046541.D
Acq: 12 Jul 2024 10:36

Tgt Ion:276 Resp: 203173

Ion	Ratio	Lower	Upper
276	100		
138	12.3	10.2	15.4
277	23.4	20.9	31.3