Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046545.D
Acq On : 12 Jul 2024 13:33
Operator : MA/JU
Sample : P3087-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4DP9

Quant Time: Jul 12 14:05:26 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	1849	0.400	ng/ul	0.00
4) Naphthalene-d8	10.271	136	4618	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.155	164	3051	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.905	188	6884	0.400	ng/ul	0.00
17) Chrysene-d12	21.111	240	6499	0.400	ng/ul	# 0.00
23) Perylene-d12	23.256	264	7669	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	613	0.404	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.871	152	2031	0.273	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	5639	0.285	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.321	128	166951	14.211	ng/ul	94
10) Acenaphthylene	13.868	152	180683	13.009	ng/ul	96
11) Acenaphthene	14.215	153	107925	11.598	ng/ul	96
12) Fluorene	15.210	166	73435	6.378	ng/ul	98
15) Phenanthrene	16.947	178	122121	6.217	ng/ul	98
16) Anthracene	17.036	178	88784	4.631	ng/ul	98
19) Fluoranthene	18.974	202	176242	6.602	ng/ul#	97
20) Pyrene	19.337	202	217613	7.529	ng/ul	98
21) Benzo(a)anthracene	21.096	228	66176	2.302	ng/ul	99
22) Chrysene	21.146	228	117258	4.215	ng/ul	99
24) Benzo(b)fluoranthene	22.618	252	153102	4.998	ng/ul	90
25) Benzo(k)fluoranthene	22.662	252	123692	4.113	ng/ul#	90
26) Benzo(a)pyrene	23.159	252	162644	6.451	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.373	276	201117	5.242	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.393	278	127279	4.191	ng/ul	92
29) Benzo(g,h,i)perylene	26.017	276	137190	4.482	ng/ul	97

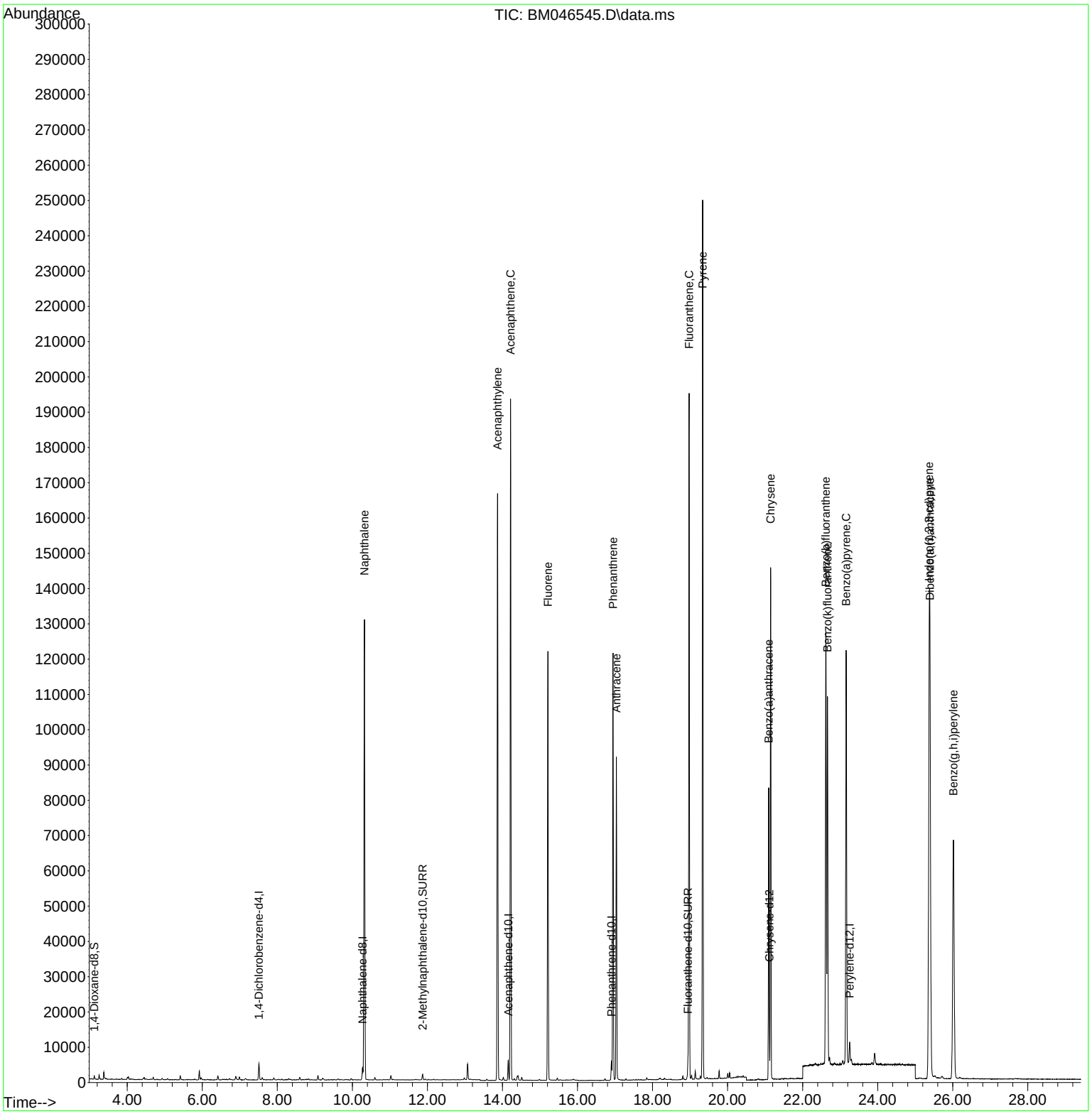
(#) = qualifier out of range (m) = manual integration (+) = signals summed

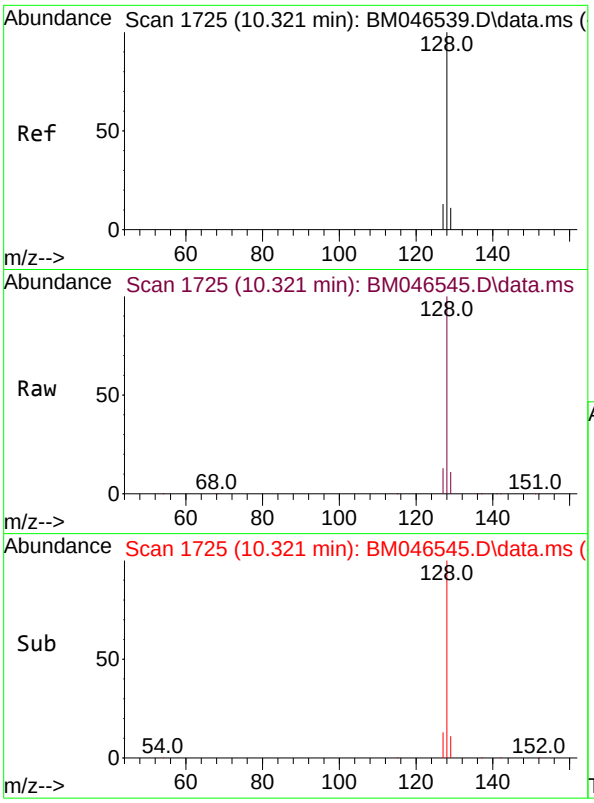
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046545.D
Acq On : 12 Jul 2024 13:33
Operator : MA/JU
Sample : P3087-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4DP9

Quant Time: Jul 12 14:05:26 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



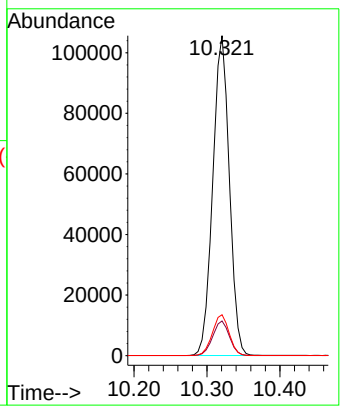


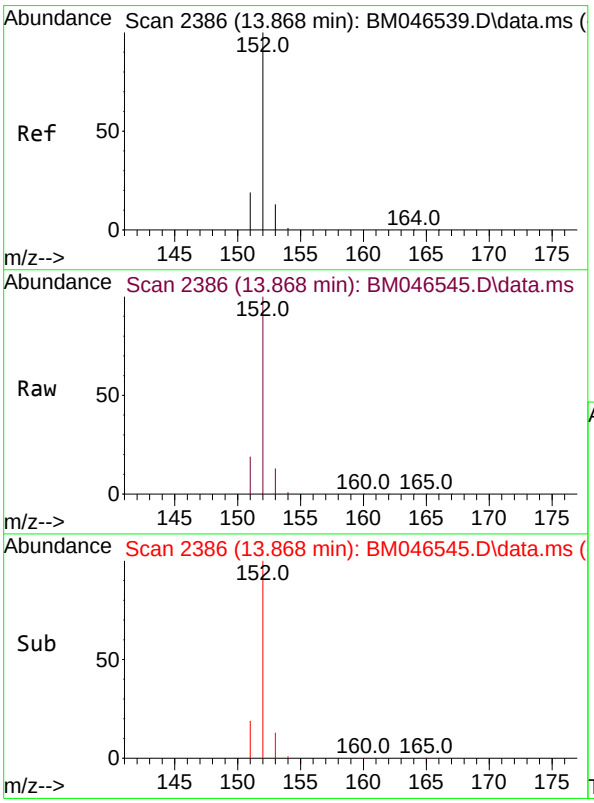
#5
Naphthalene
Concen: 14.211 ng/ul
RT: 10.321 min Scan# 1
Delta R.T. -0.004 min
Lab File: BM046545.D
Acq: 12 Jul 2024 13:33

Instrument :
BNA_M
ClientSampleId :
A4DP9

Tgt Ion:128 Resp: 166951

Ion	Ratio	Lower	Upper
128	100		
129	10.8	10.3	15.5
127	12.8	12.2	18.4

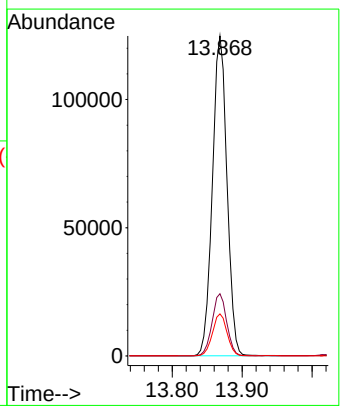


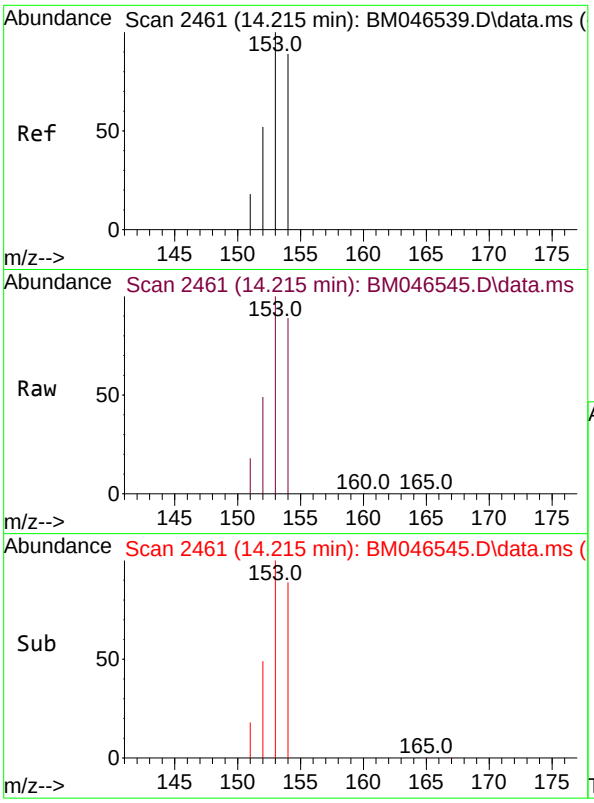


#10
Acenaphthylene
Concen: 13.009 ng/ul
RT: 13.868 min Scan# 2386
Delta R.T. -0.003 min
Lab File: BM046545.D
Acq: 12 Jul 2024 13:33

Tgt Ion:152 Resp: 180683

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.4	24.6
153	13.2	12.4	18.6



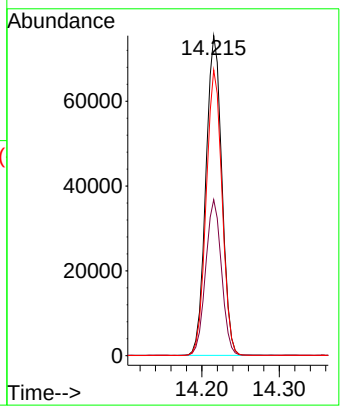


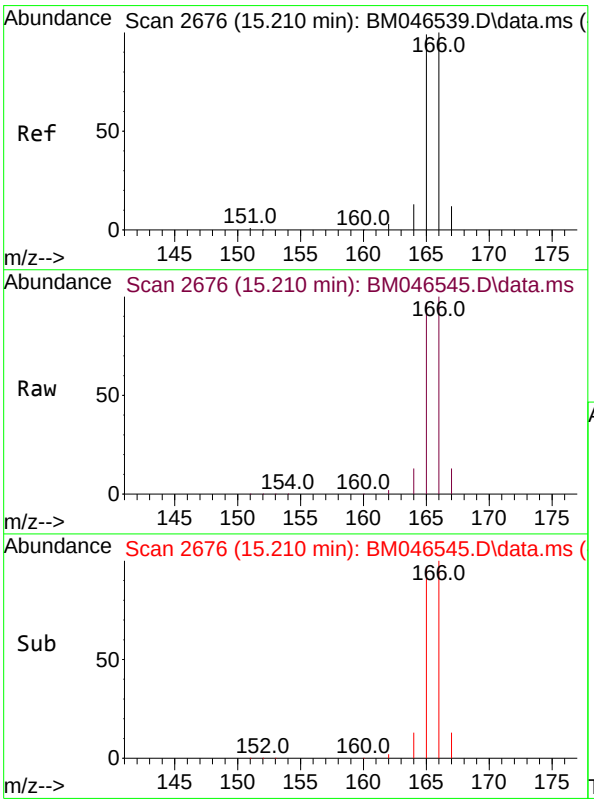
#11
Acenaphthene
Concen: 11.598 ng/ul
RT: 14.215 min Scan# 24
Delta R.T. -0.003 min
Lab File: BM046545.D
Acq: 12 Jul 2024 13:33

Instrument :
BNA_M
ClientSampleId :
A4DP9

Tgt Ion:153 Resp: 107925

Ion	Ratio	Lower	Upper
153	100		
152	48.8	43.0	64.6
154	89.3	69.9	104.9

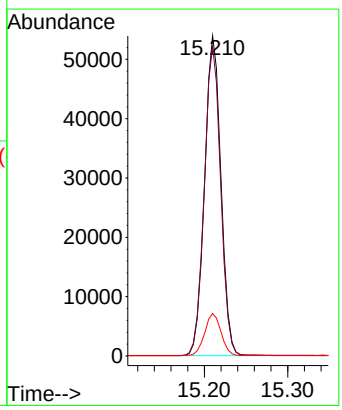


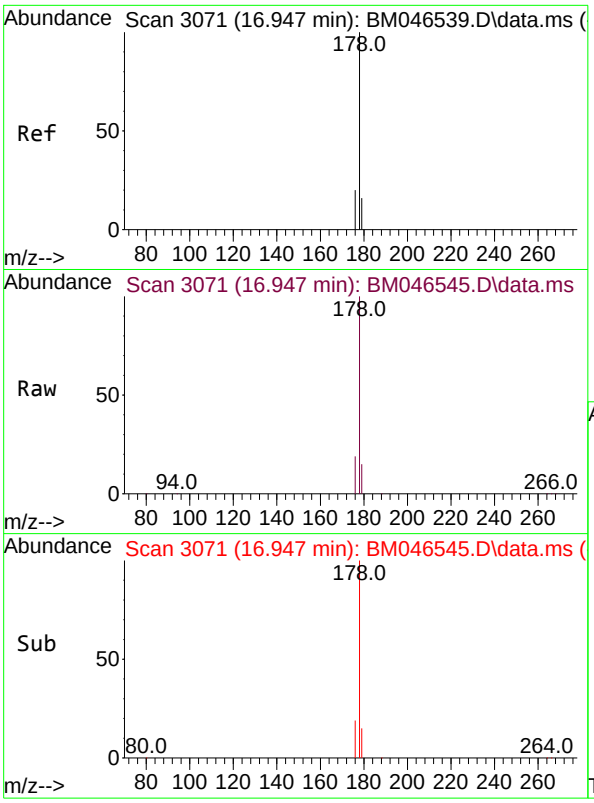


#12
Fluorene
Concen: 6.378 ng/ul
RT: 15.210 min Scan# 2676
Delta R.T. -0.003 min
Lab File: BM046545.D
Acq: 12 Jul 2024 13:33

Tgt Ion:166 Resp: 73435

Ion	Ratio	Lower	Upper
166	100		
165	96.8	76.1	114.1
167	13.3	12.5	18.7



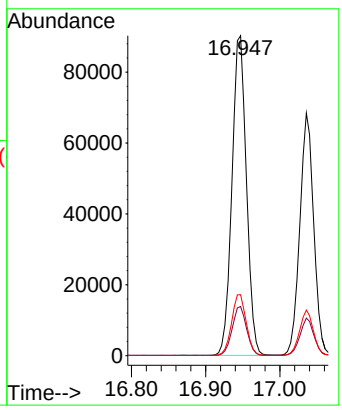


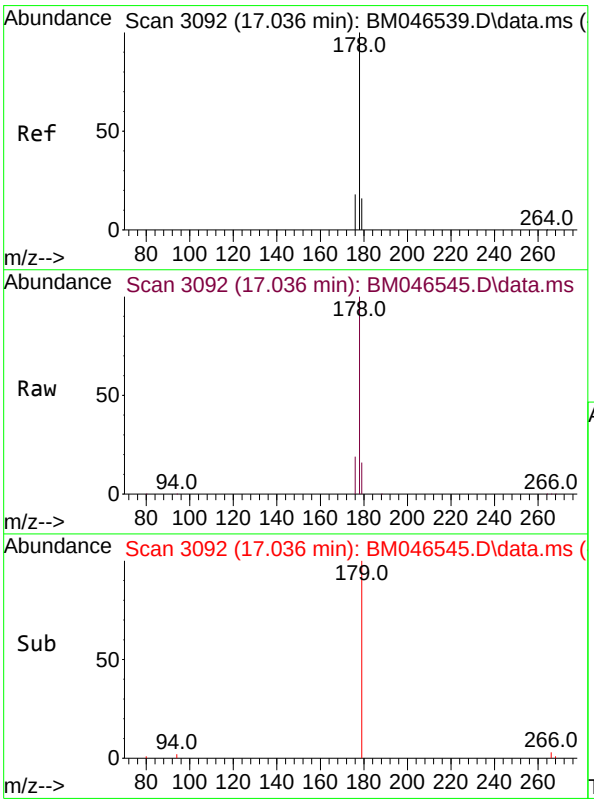
#15
Phenanthrene
Concen: 6.217 ng/ul
RT: 16.947 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM046545.D
Acq: 12 Jul 2024 13:33

Instrument :
BNA_M
ClientSampleId :
A4DP9

Tgt Ion:178 Resp: 122121

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.1	19.7
176	19.1	16.0	24.0

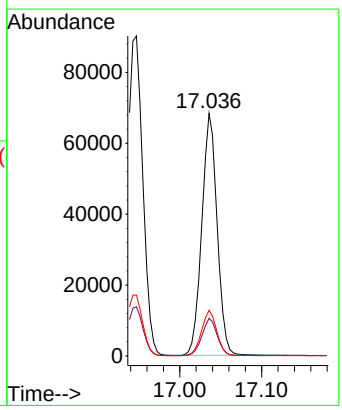


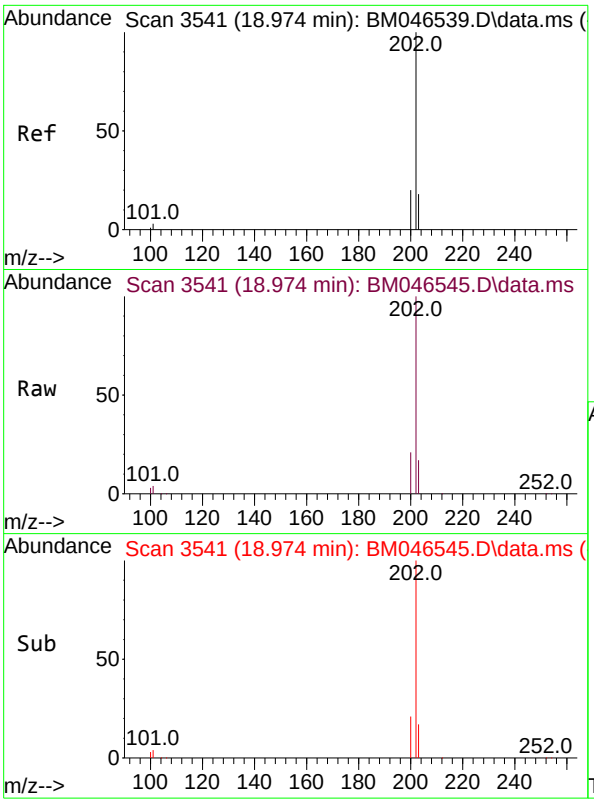


#16
Anthracene
Concen: 4.631 ng/ul
RT: 17.036 min Scan# 3092
Delta R.T. -0.003 min
Lab File: BM046545.D
Acq: 12 Jul 2024 13:33

Tgt Ion:178 Resp: 88784

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.5	20.3
176	18.8	15.7	23.5



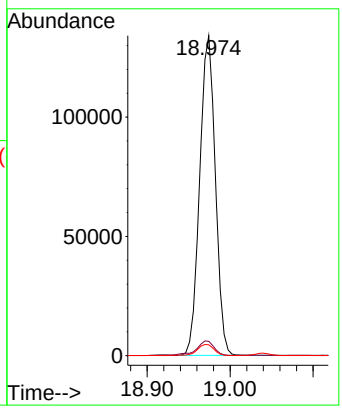


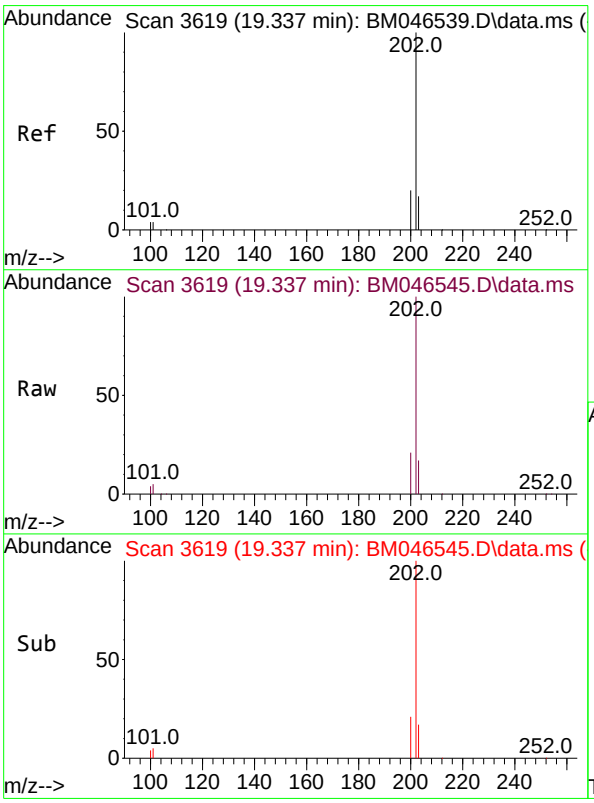
#19
Fluoranthene
Concen: 6.602 ng/ul
RT: 18.974 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM046545.D
Acq: 12 Jul 2024 13:33

Instrument :
BNA_M
ClientSampleId :
A4DP9

Tgt Ion:202 Resp: 176242

Ion	Ratio	Lower	Upper
202	100		
101	4.5	4.6	6.8#
100	3.4	3.0	4.6

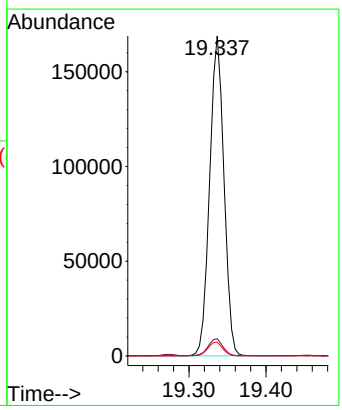


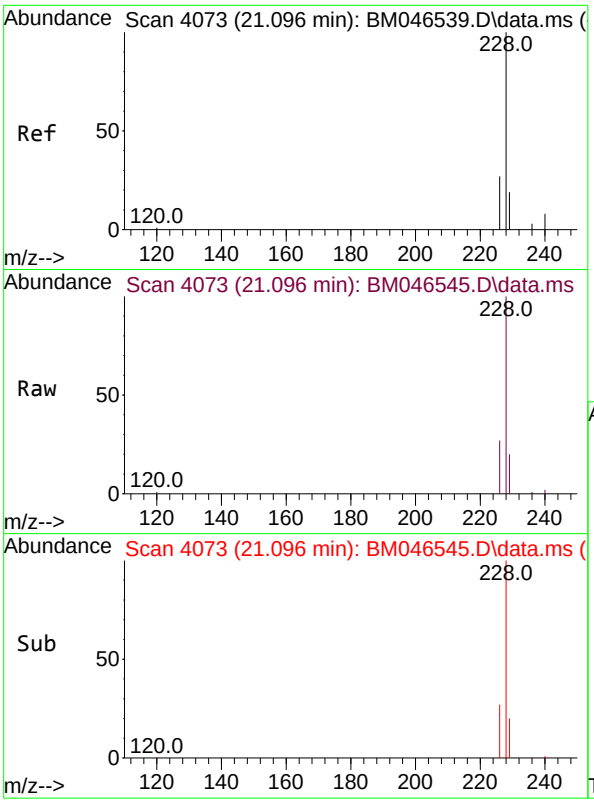


#20
Pyrene
Concen: 7.529 ng/ul
RT: 19.337 min Scan# 3619
Delta R.T. -0.003 min
Lab File: BM046545.D
Acq: 12 Jul 2024 13:33

Tgt Ion:202 Resp: 217613

Ion	Ratio	Lower	Upper
202	100		
101	5.4	5.1	7.7
100	4.3	3.8	5.6



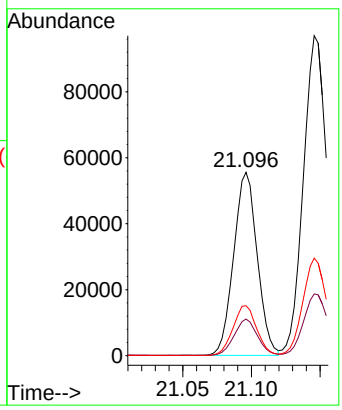


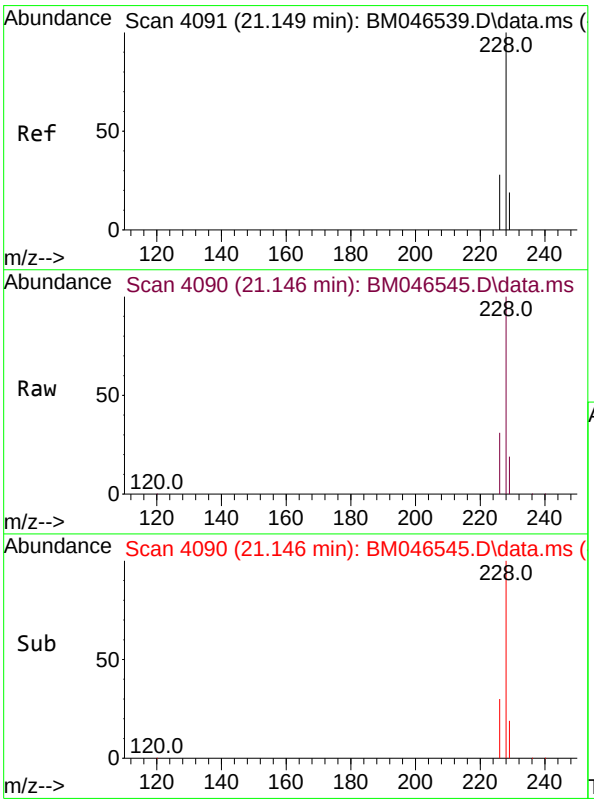
#21
Benzo(a)anthracene
Concen: 2.302 ng/ul
RT: 21.096 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM046545.D
Acq: 12 Jul 2024 13:33

Instrument :
BNA_M
ClientSampleId :
A4DP9

Tgt Ion:228 Resp: 66176

Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.5	24.7
226	27.3	22.5	33.7

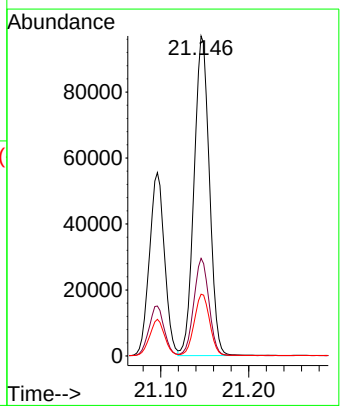


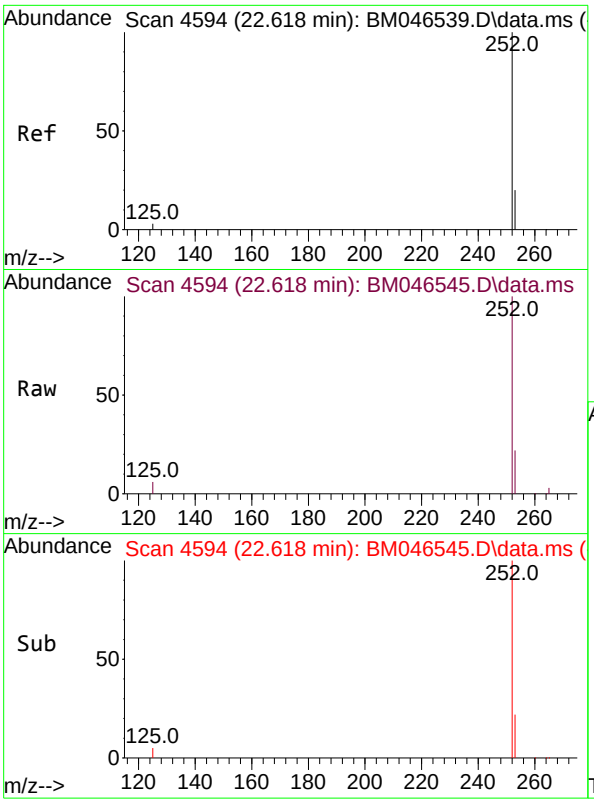


#22
Chrysene
Concen: 4.215 ng/ul
RT: 21.146 min Scan# 4090
Delta R.T. -0.003 min
Lab File: BM046545.D
Acq: 12 Jul 2024 13:33

Tgt Ion:228 Resp: 117258

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	19.3	16.4	24.6



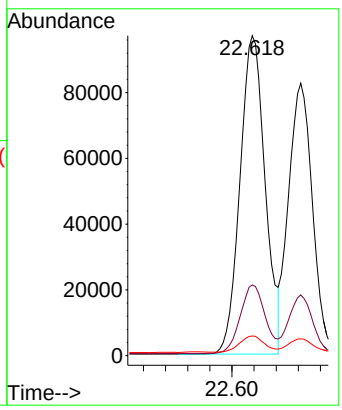


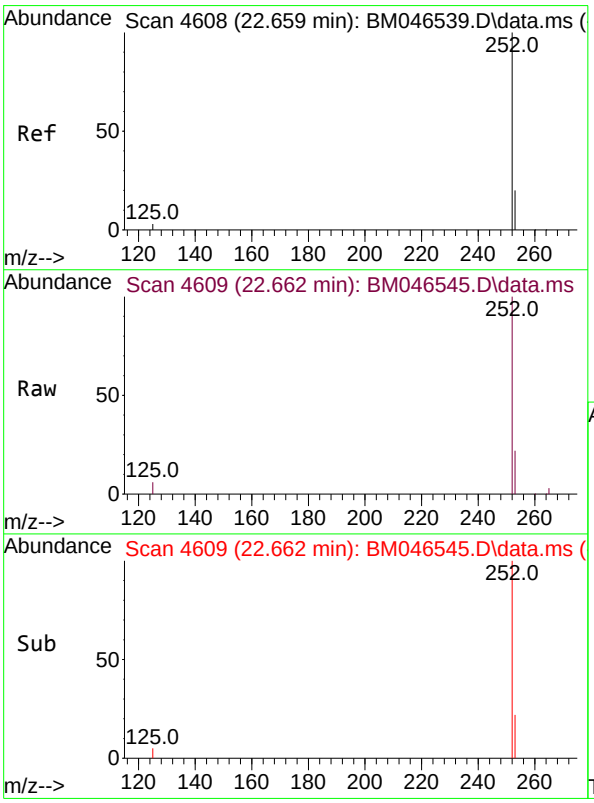
#24
Benzo(b)fluoranthene
Concen: 4.998 ng/ul
RT: 22.618 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM046545.D
Acq: 12 Jul 2024 13:33

Instrument :
BNA_M
ClientSampleId :
A4DP9

Tgt Ion:252 Resp: 153102

Ion	Ratio	Lower	Upper
252	100		
253	22.1	0.0	56.2
125	6.2	0.0	17.8

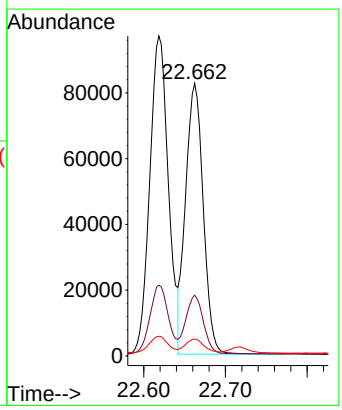


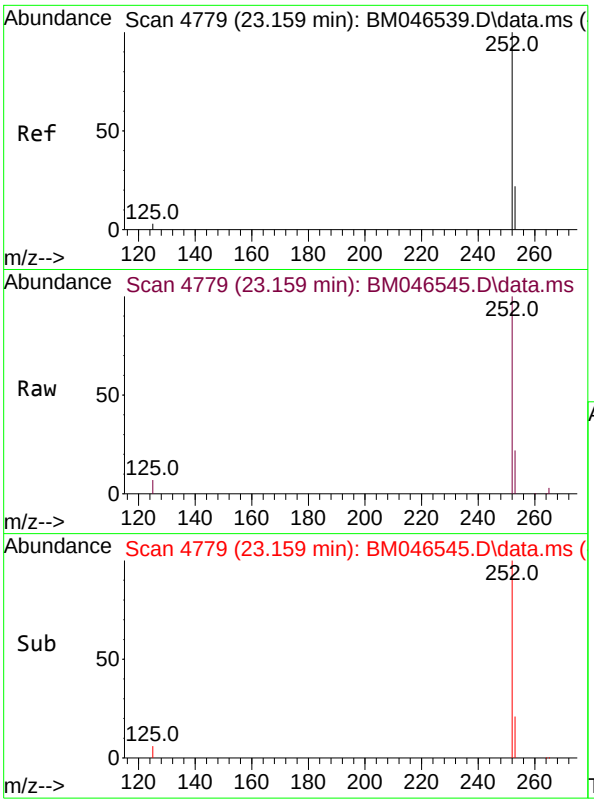


#25
Benzo(k)fluoranthene
Concen: 4.113 ng/ul
RT: 22.662 min Scan# 4609
Delta R.T. -0.000 min
Lab File: BM046545.D
Acq: 12 Jul 2024 13:33

Tgt Ion:252 Resp: 123692

Ion	Ratio	Lower	Upper
252	100		
253	22.3	22.4	33.6#
125	6.1	7.0	10.4#



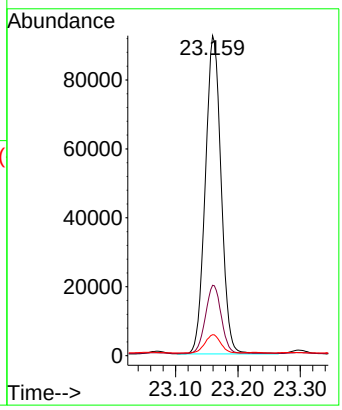


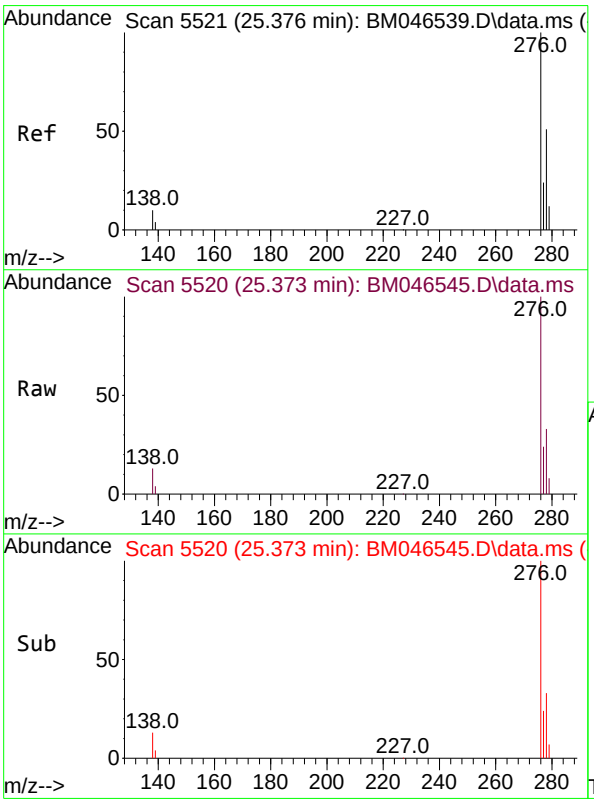
#26
Benzo(a)pyrene
Concen: 6.451 ng/ul
RT: 23.159 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM046545.D
Acq: 12 Jul 2024 13:33

Instrument :
BNA_M
ClientSampleId :
A4DP9

Tgt Ion:252 Resp: 162644

Ion	Ratio	Lower	Upper
252	100		
253	22.0	24.0	36.0#
125	6.6	8.2	12.2#

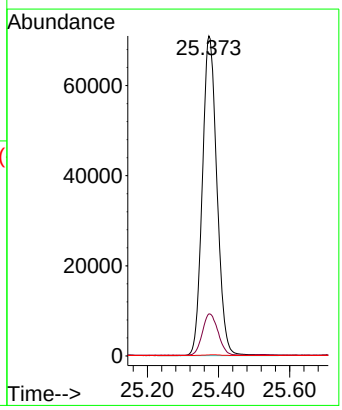


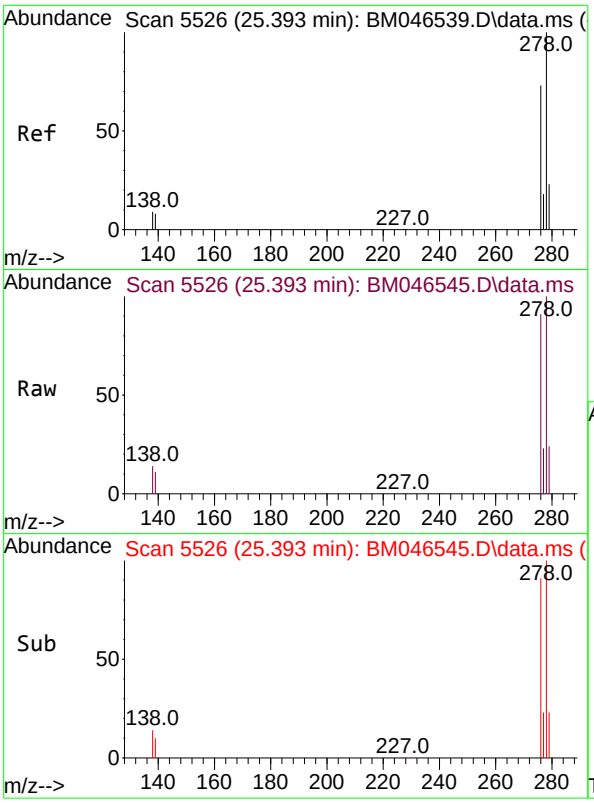


#27
Indeno(1,2,3-cd)pyrene
Concen: 5.242 ng/ul
RT: 25.373 min Scan# 5520
Delta R.T. -0.010 min
Lab File: BM046545.D
Acq: 12 Jul 2024 13:33

Tgt Ion:276 Resp: 201117

Ion	Ratio	Lower	Upper
276	100		
138	13.9	0.0	0.0#
227	0.2	0.2	0.2



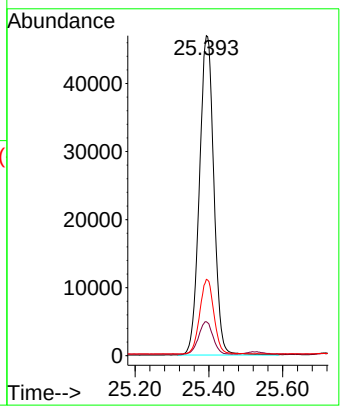


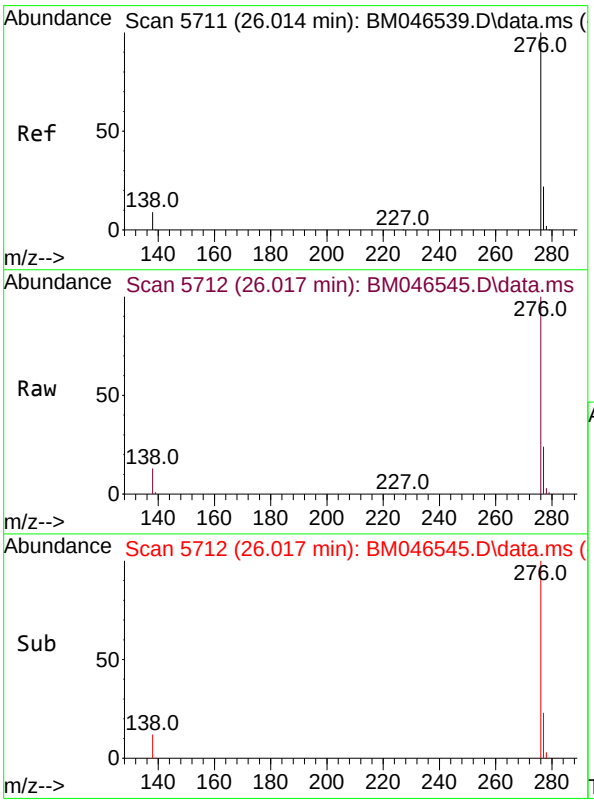
#28
Dibenzo(a,h)anthracene
Concen: 4.191 ng/ul
RT: 25.393 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM046545.D
Acq: 12 Jul 2024 13:33

Instrument :
BNA_M
ClientSampleId :
A4DP9

Tgt Ion:278 Resp: 127279

Ion	Ratio	Lower	Upper
278	100		
139	10.6	9.1	13.7
279	23.8	23.2	34.8





#29
Benzo(g,h,i)perylene
Concen: 4.482 ng/ul
RT: 26.017 min Scan# 5712
Delta R.T. -0.004 min
Lab File: BM046545.D
Acq: 12 Jul 2024 13:33

Tgt Ion:276 Resp: 137190

Ion	Ratio	Lower	Upper
276	100		
138	12.7	10.2	15.4
277	23.7	20.9	31.3