Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046593.D
Acq On : 15 Jul 2024 11:44
Operator : MA/JU
Sample : P3101-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4DP2

Quant Time: Jul 15 12:14:56 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 : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.506	152	2239	0.400	ng/ul	0.00
4) Naphthalene-d8	10.266	136	5936	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.151	164	3993	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.901	188	9166	0.400	ng/ul	0.00
17) Chrysene-d12	21.108	240	8074	0.400	ng/ul	0.00
23) Perylene-d12	23.250	264	8685	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.118	96	443	0.241	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	1944	0.203	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	6039	0.246	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.315	128	166823	11.047	ng/ul	95
10) Acenaphthylene	13.864	152	180001	9.903	ng/ul	96
11) Acenaphthene	14.211	153	111786	9.179	ng/ul	96
12) Fluorene	15.205	166	80529	5.344	ng/ul	97
15) Phenanthrene	16.943	178	139272	5.325	ng/ul	98
16) Anthracene	17.032	178	95726	3.750	ng/ul	98
19) Fluoranthene	18.970	202	197086	5.943	ng/ul	99
20) Pyrene	19.332	202	238557	6.644	ng/ul	99
21) Benzo(a)anthracene	21.093	228	69694	1.951	ng/ul	98
22) Chrysene	21.146	228	120272	3.480	ng/ul	98
24) Benzo(b)fluoranthene	22.616	252	145575	4.196	ng/ul	90
25) Benzo(k)fluoranthene	22.657	252	121508	3.568	ng/ul#	90
26) Benzo(a)pyrene	23.156	252	144692	5.068	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.370	276	185086	4.260	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.393	278	118390	3.442	ng/ul	92
29) Benzo(g,h,i)perylene	26.017	276	125744	3.627	ng/ul	96

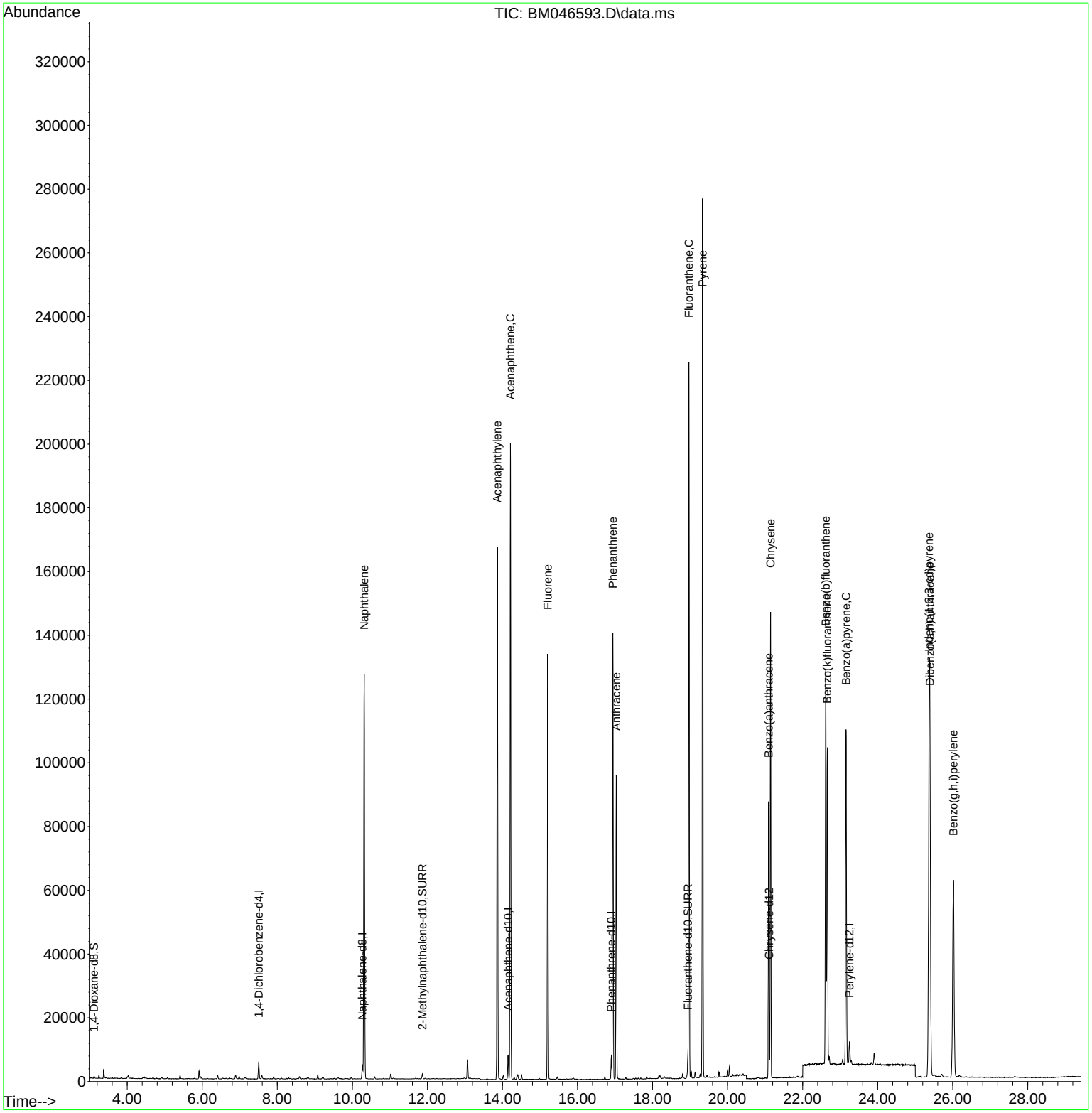
(#) = qualifier out of range (m) = manual integration (+) = signals summed

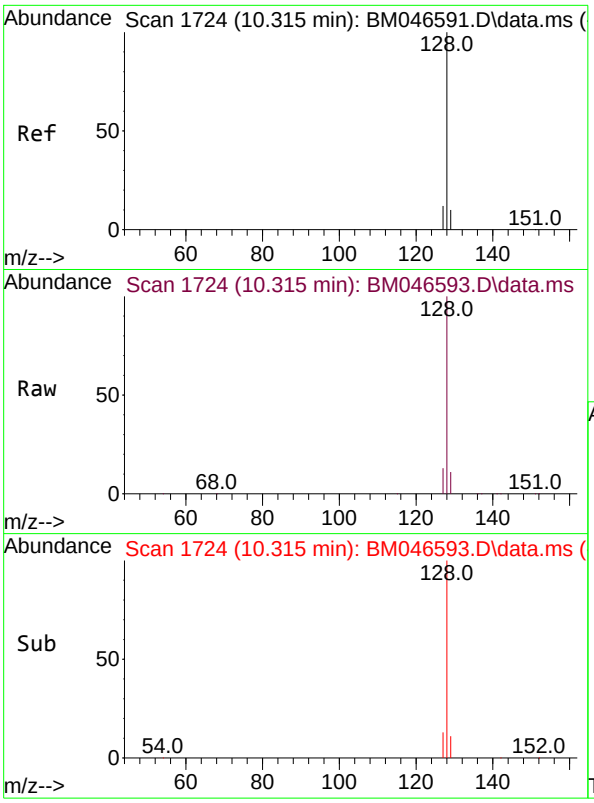
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046593.D
Acq On : 15 Jul 2024 11:44
Operator : MA/JU
Sample : P3101-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4DP2

Quant Time: Jul 15 12:14:56 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 : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration



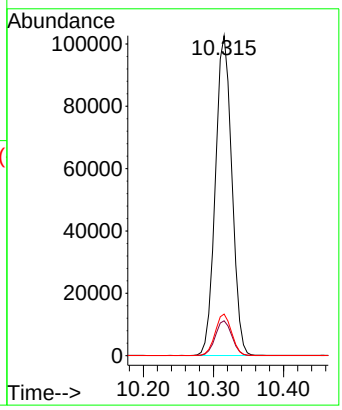


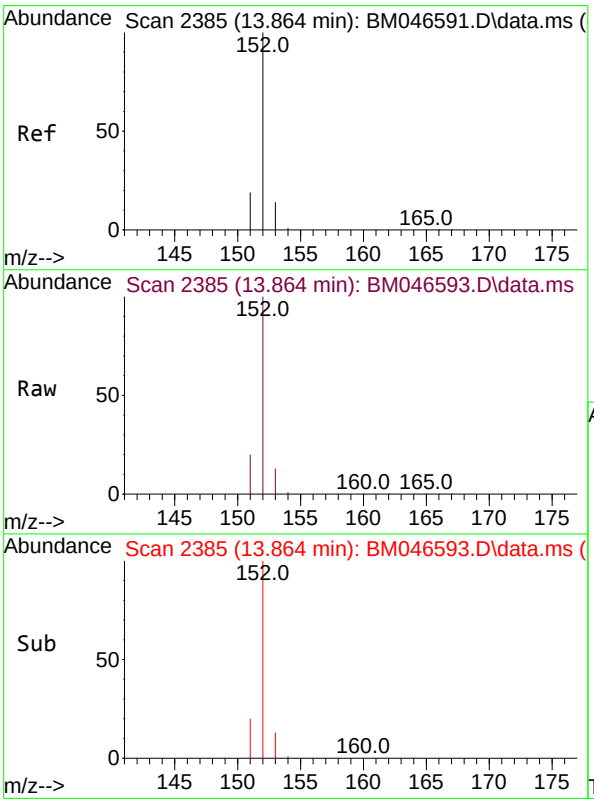
#5
Naphthalene
Concen: 11.047 ng/ul
RT: 10.315 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM046593.D
Acq: 15 Jul 2024 11:44

Instrument :
BNA_M
ClientSampleId :
A4DP2

Tgt Ion:128 Resp: 166823

Ion	Ratio	Lower	Upper
128	100		
129	10.9	10.3	15.5
127	13.0	12.2	18.4

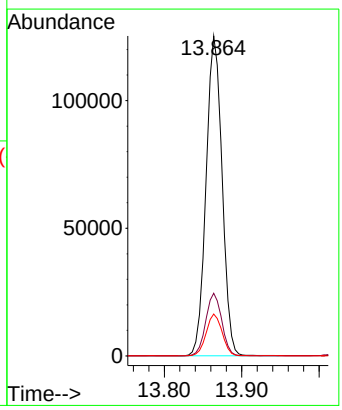


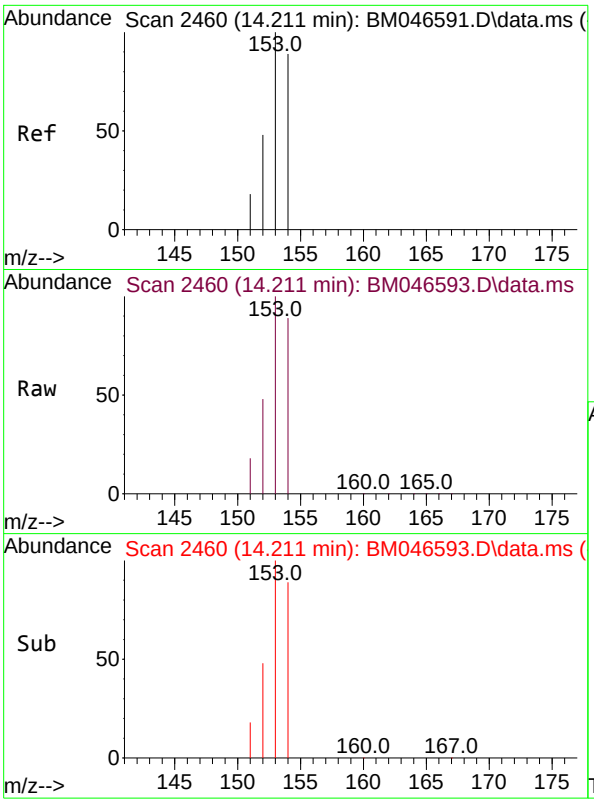


#10
Acenaphthylene
Concen: 9.903 ng/ul
RT: 13.864 min Scan# 2385
Delta R.T. -0.000 min
Lab File: BM046593.D
Acq: 15 Jul 2024 11:44

Tgt Ion:152 Resp: 180001

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.4	24.6
153	13.1	12.4	18.6



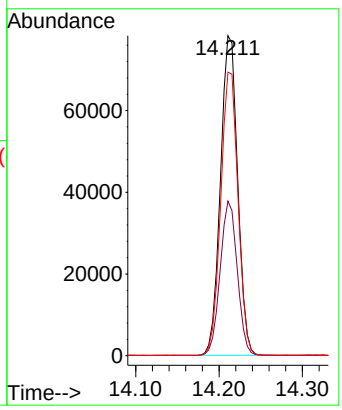


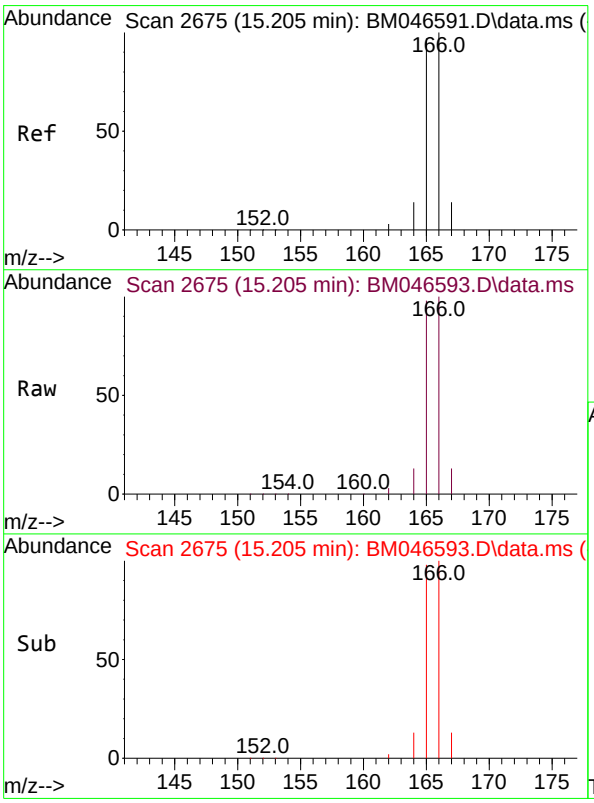
#11
Acenaphthene
Concen: 9.179 ng/ul
RT: 14.211 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM046593.D
Acq: 15 Jul 2024 11:44

Instrument :
BNA_M
ClientSampleId :
A4DP2

Tgt Ion:153 Resp: 111786

Ion	Ratio	Lower	Upper
153	100		
152	48.3	43.0	64.6
154	88.6	69.9	104.9

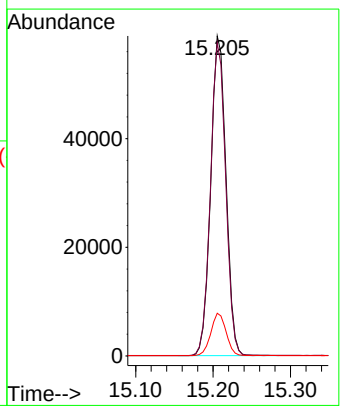


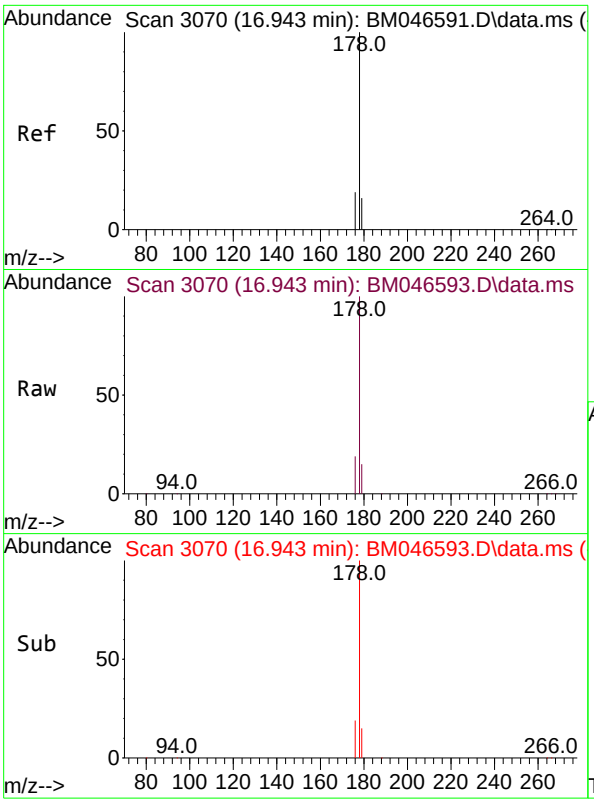


#12
Fluorene
Concen: 5.344 ng/ul
RT: 15.205 min Scan# 2675
Delta R.T. -0.000 min
Lab File: BM046593.D
Acq: 15 Jul 2024 11:44

Tgt Ion:166 Resp: 80529

Ion	Ratio	Lower	Upper
166	100		
165	97.8	76.1	114.1
167	13.4	12.5	18.7



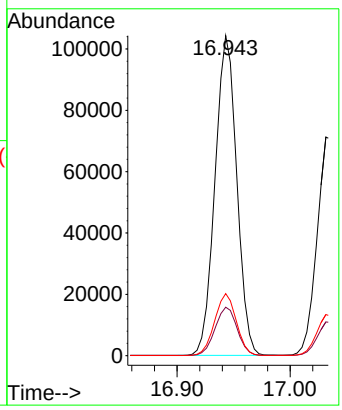


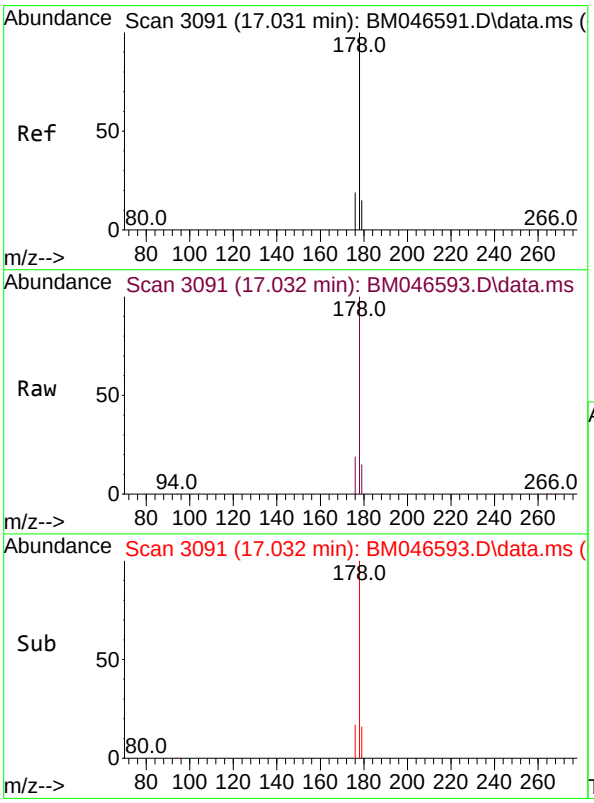
#15
Phenanthrene
Concen: 5.325 ng/ul
RT: 16.943 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM046593.D
Acq: 15 Jul 2024 11:44

Instrument :
BNA_M
ClientSampleId :
A4DP2

Tgt Ion:178 Resp: 139272

Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.1	19.7
176	19.4	16.0	24.0

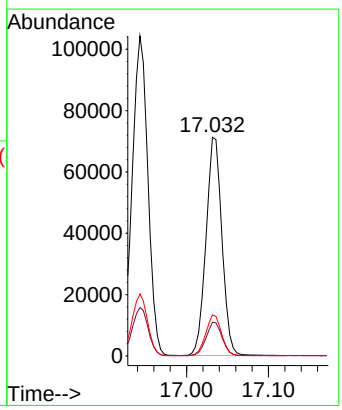


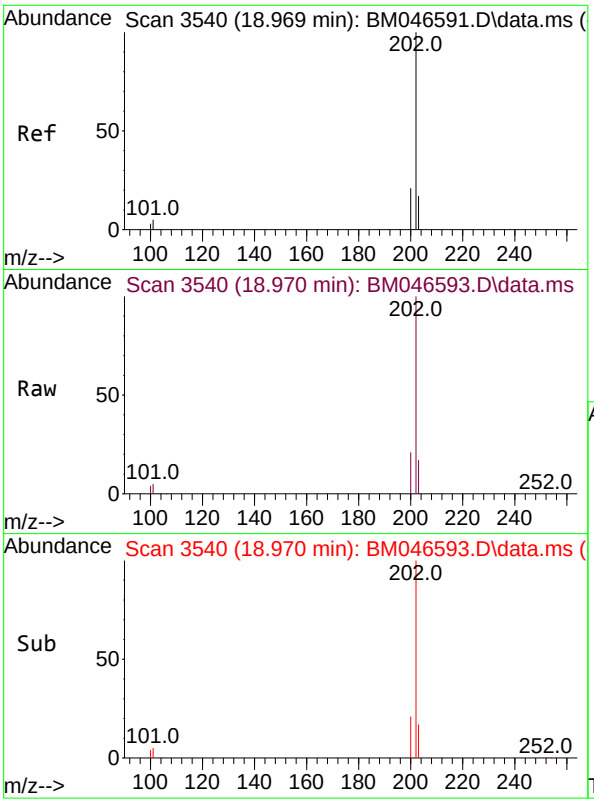


#16
Anthracene
Concen: 3.750 ng/ul
RT: 17.032 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BM046593.D
Acq: 15 Jul 2024 11:44

Tgt Ion:178 Resp: 95726

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.5	20.3
176	18.8	15.7	23.5



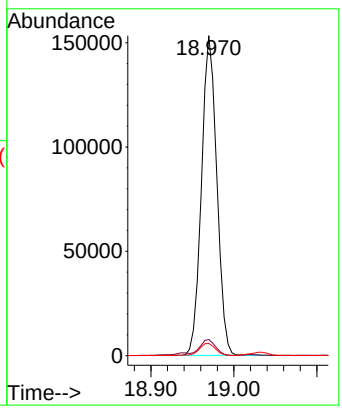


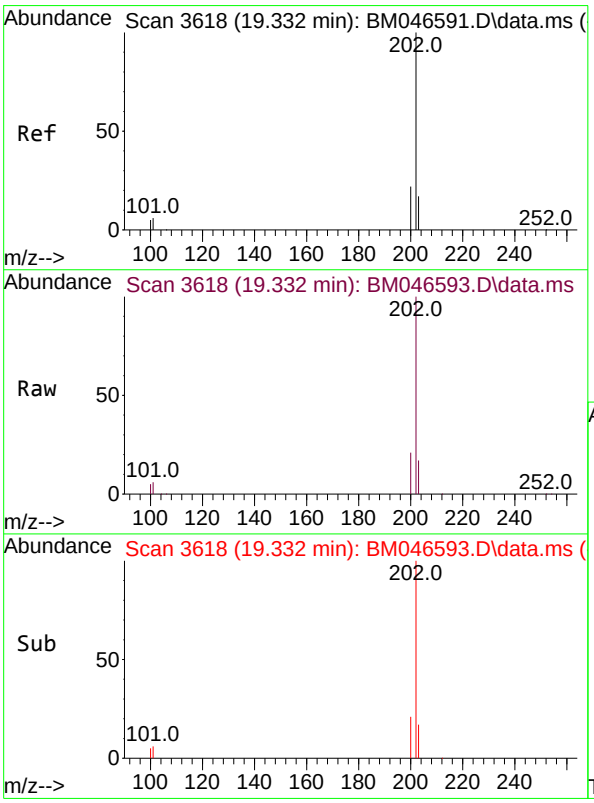
#19
Fluoranthene
Concen: 5.943 ng/ul
RT: 18.970 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM046593.D
Acq: 15 Jul 2024 11:44

Instrument :
BNA_M
ClientSampleId :
A4DP2

Tgt Ion:202 Resp: 197086

Ion	Ratio	Lower	Upper
202	100		
101	5.1	4.6	6.8
100	3.8	3.0	4.6

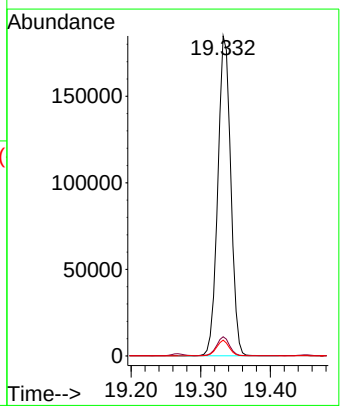


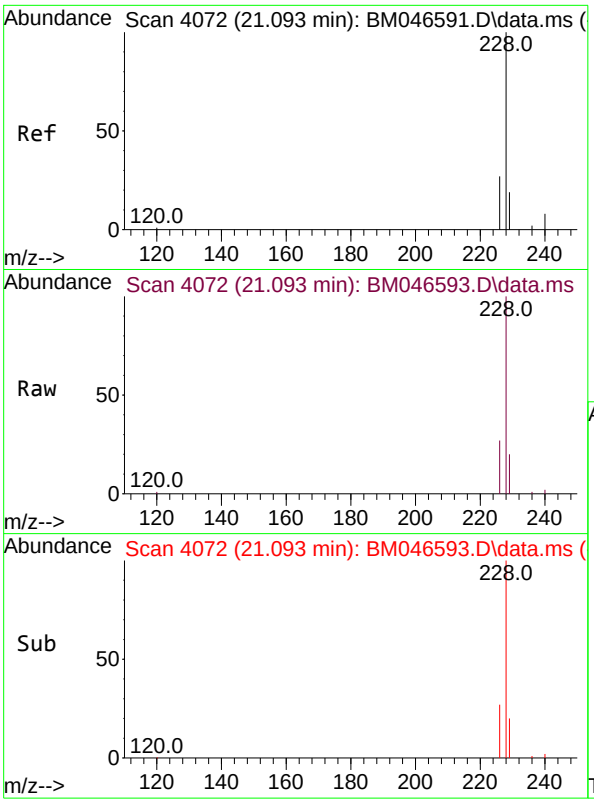


#20
Pyrene
Concen: 6.644 ng/ul
RT: 19.332 min Scan# 3618
Delta R.T. -0.000 min
Lab File: BM046593.D
Acq: 15 Jul 2024 11:44

Tgt Ion:202 Resp: 238557

Ion	Ratio	Lower	Upper
202	100		
101	6.0	5.1	7.7
100	4.9	3.8	5.6



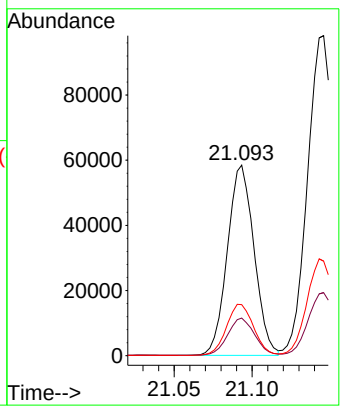


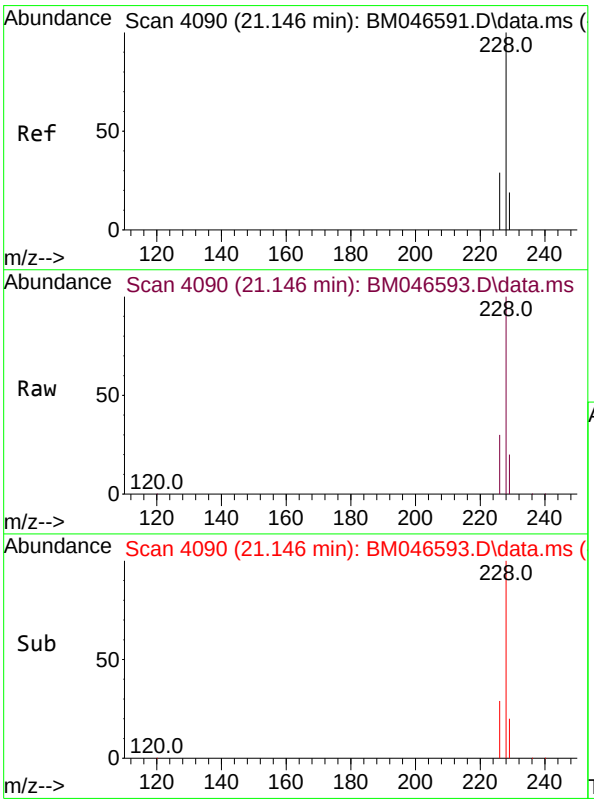
#21
Benzo(a)anthracene
Concen: 1.951 ng/ul
RT: 21.093 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM046593.D
Acq: 15 Jul 2024 11:44

Instrument :
BNA_M
ClientSampleId :
A4DP2

Tgt Ion:228 Resp: 69694

Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.5	24.7
226	26.8	22.5	33.7

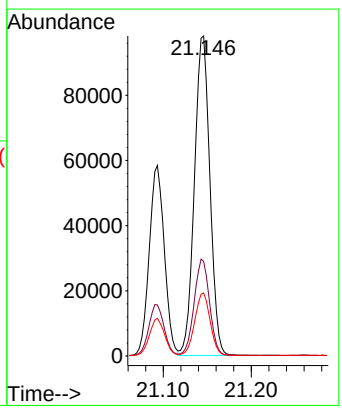


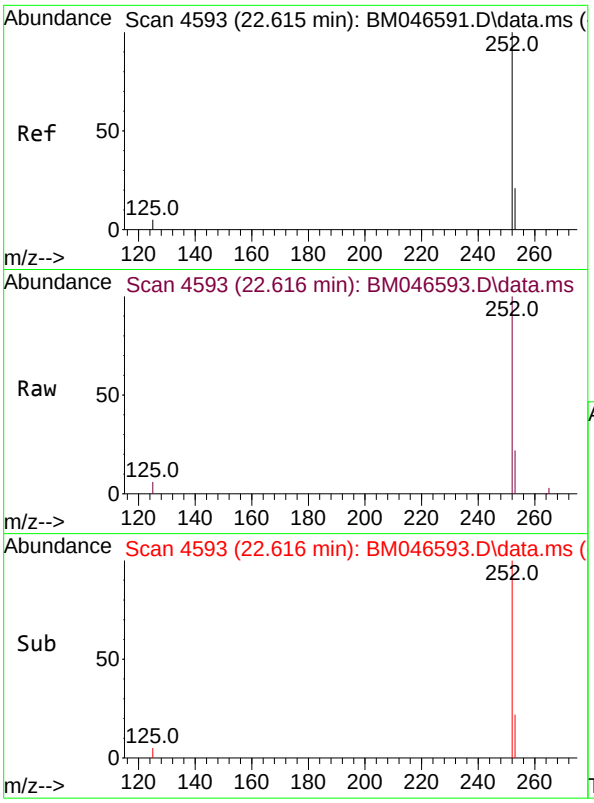


#22
Chrysene
Concen: 3.480 ng/ul
RT: 21.146 min Scan# 4090
Delta R.T. 0.006 min
Lab File: BM046593.D
Acq: 15 Jul 2024 11:44

Tgt Ion:228 Resp: 120272

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.3	36.5
229	19.7	16.4	24.6



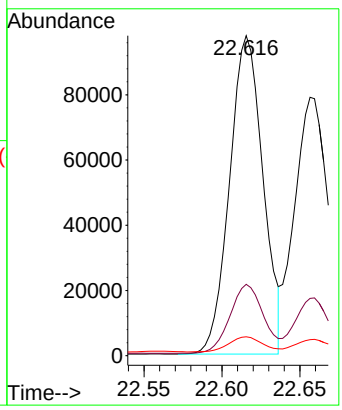


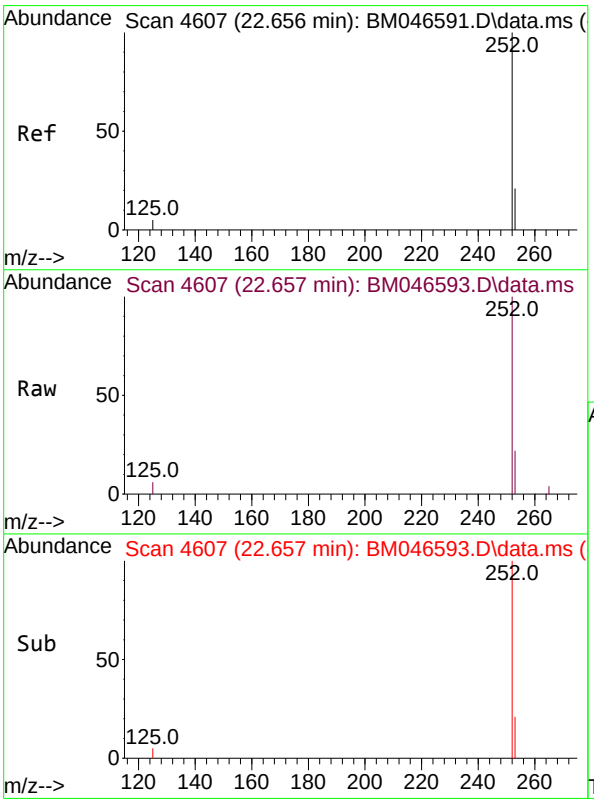
#24
Benzo(b)fluoranthene
Concen: 4.196 ng/ul
RT: 22.616 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM046593.D
Acq: 15 Jul 2024 11:44

Instrument :
BNA_M
ClientSampleId :
A4DP2

Tgt Ion:252 Resp: 145575

Ion	Ratio	Lower	Upper
252	100		
253	22.3	0.0	56.2
125	5.9	0.0	17.8

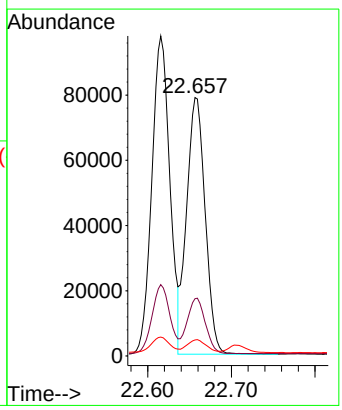


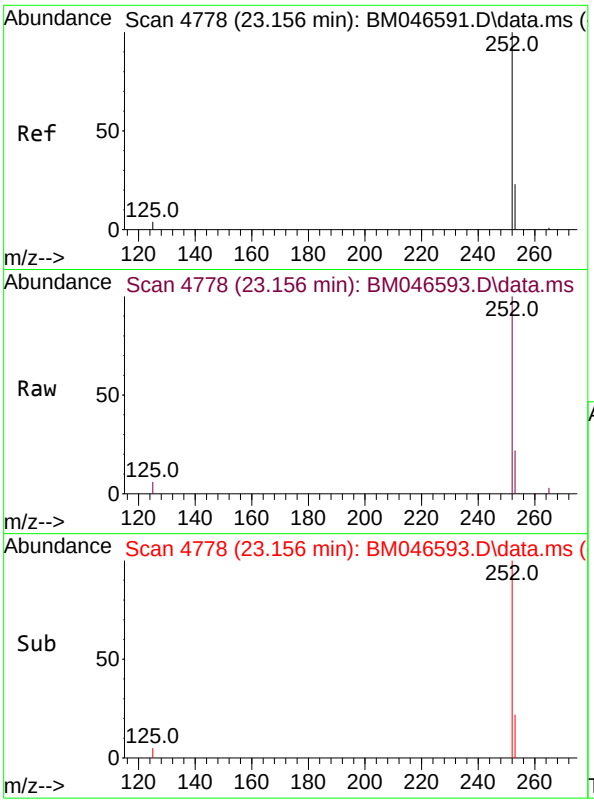


#25
Benzo(k)fluoranthene
Concen: 3.568 ng/ul
RT: 22.657 min Scan# 4607
Delta R.T. 0.006 min
Lab File: BM046593.D
Acq: 15 Jul 2024 11:44

Tgt Ion:252 Resp: 121508

Ion	Ratio	Lower	Upper
252	100		
253	22.2	22.4	33.6#
125	6.2	7.0	10.4#



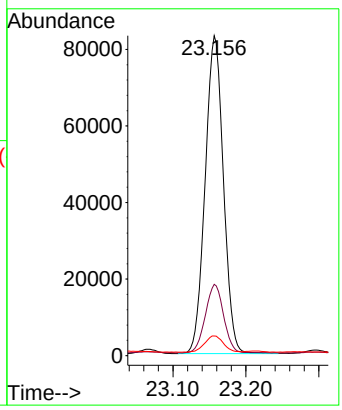


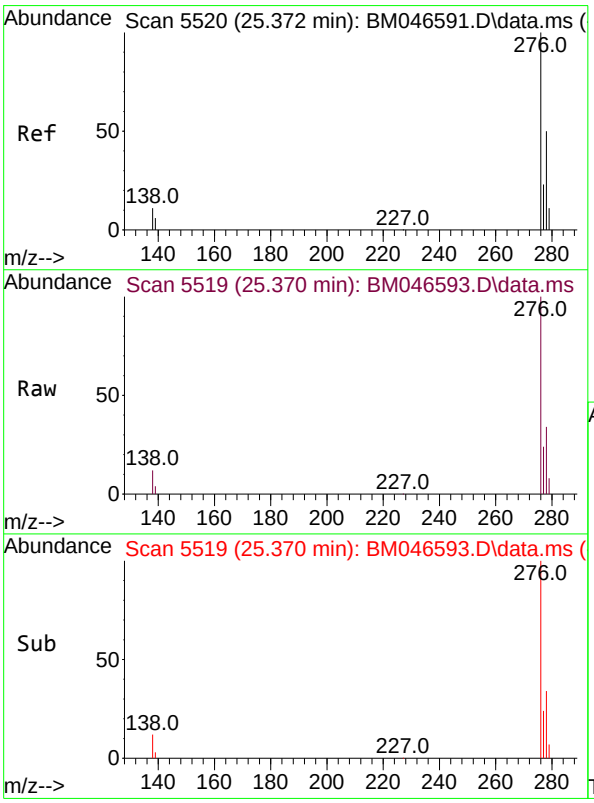
#26
Benzo(a)pyrene
Concen: 5.068 ng/ul
RT: 23.156 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM046593.D
Acq: 15 Jul 2024 11:44

Instrument :
BNA_M
ClientSampleId :
A4DP2

Tgt Ion:252 Resp: 144692

Ion	Ratio	Lower	Upper
252	100		
253	22.3	24.0	36.0#
125	6.2	8.2	12.2#

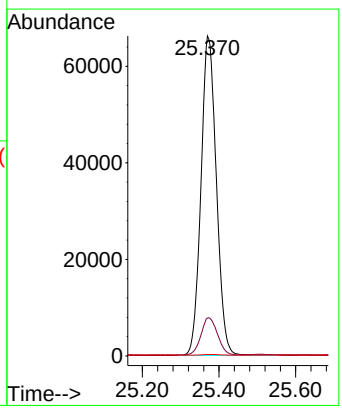


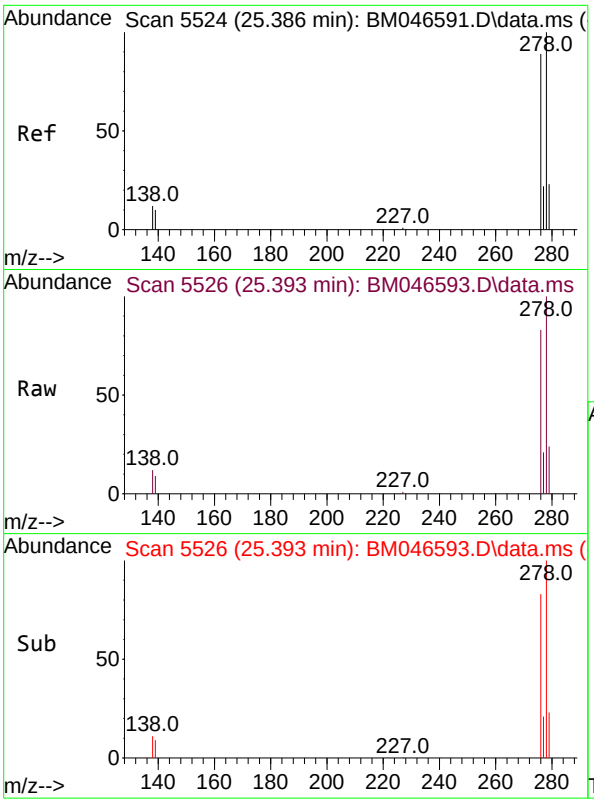


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.260 ng/ul
RT: 25.370 min Scan# 5519
Delta R.T. 0.010 min
Lab File: BM046593.D
Acq: 15 Jul 2024 11:44

Tgt Ion:276 Resp: 185086

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



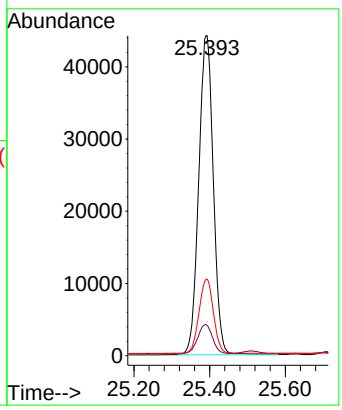


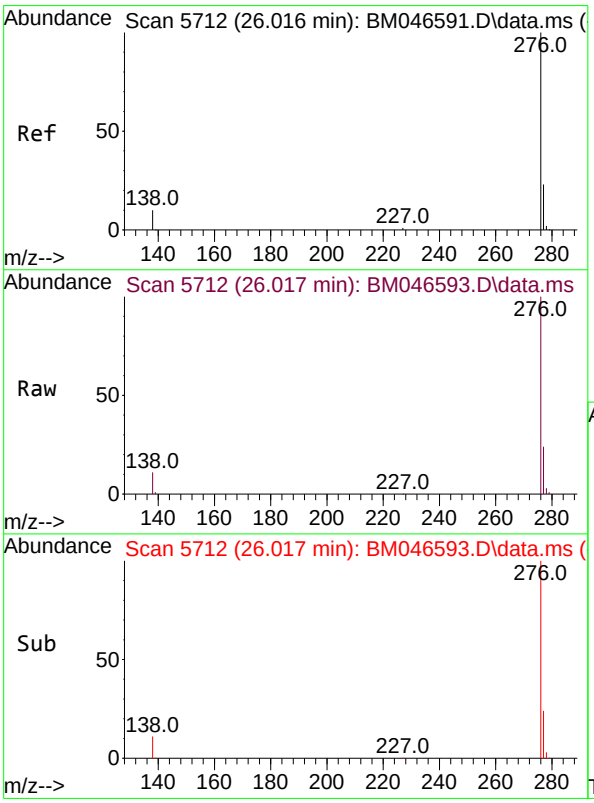
#28
Dibenzo(a,h)anthracene
Concen: 3.442 ng/ul
RT: 25.393 min Scan# 5
Delta R.T. 0.010 min
Lab File: BM046593.D
Acq: 15 Jul 2024 11:44

Instrument :
BNA_M
ClientSampleId :
A4DP2

Tgt Ion:278 Resp: 118390

Ion	Ratio	Lower	Upper
278	100		
139	9.5	9.1	13.7
279	23.9	23.2	34.8





#29
Benzo(g,h,i)perylene
Concen: 3.627 ng/ul
RT: 26.017 min Scan# 5712
Delta R.T. 0.013 min
Lab File: BM046593.D
Acq: 15 Jul 2024 11:44

Tgt Ion:276 Resp: 125744

Ion	Ratio	Lower	Upper
276	100		
138	11.3	10.2	15.4
277	23.9	20.9	31.3