Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046597.D
Acq On : 15 Jul 2024 14:46
Operator : MA/JU
Sample : P3100-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4DQ0

Quant Time: Jul 15 15:20:41 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	2646	0.400	ng/ul	0.00
4) Naphthalene-d8	10.266	136	7133	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.150	164	4908	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.905	188	10976	0.400	ng/ul	0.00
17) Chrysene-d12	21.114	240	8904	0.400	ng/ul	# 0.00
23) Perylene-d12	23.253	264	9623	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	731	0.336	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	3499	0.304	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	9563	0.353	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.315	128	85645	4.720	ng/ul	95
10) Acenaphthylene	13.864	152	160321	7.176	ng/ul	97
11) Acenaphthene	14.215	153	228141	15.241	ng/ul	94
12) Fluorene	15.205	166	51210	2.765	ng/ul	96
15) Phenanthrene	16.947	178	474464	15.148	ng/ul	98
16) Anthracene	17.036	178	422295	13.816	ng/ul	97
19) Fluoranthene	18.970	202	288653	7.892	ng/ul	99
20) Pyrene	19.337	202	351784	8.884	ng/ul	99
21) Benzo(a)anthracene	21.096	228	150999	3.833	ng/ul	98
22) Chrysene	21.149	228	240948	6.322	ng/ul	99
24) Benzo(b)fluoranthene	22.618	252	308848	8.035	ng/ul	89
25) Benzo(k)fluoranthene	22.662	252	204501	5.419	ng/ul#	90
26) Benzo(a)pyrene	23.159	252	36102	1.141	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.380	276	249122	5.175	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.396	278	199777	5.242	ng/ul	91
29) Benzo(g,h,i)perylene	26.020	276	172167	4.482	ng/ul	96

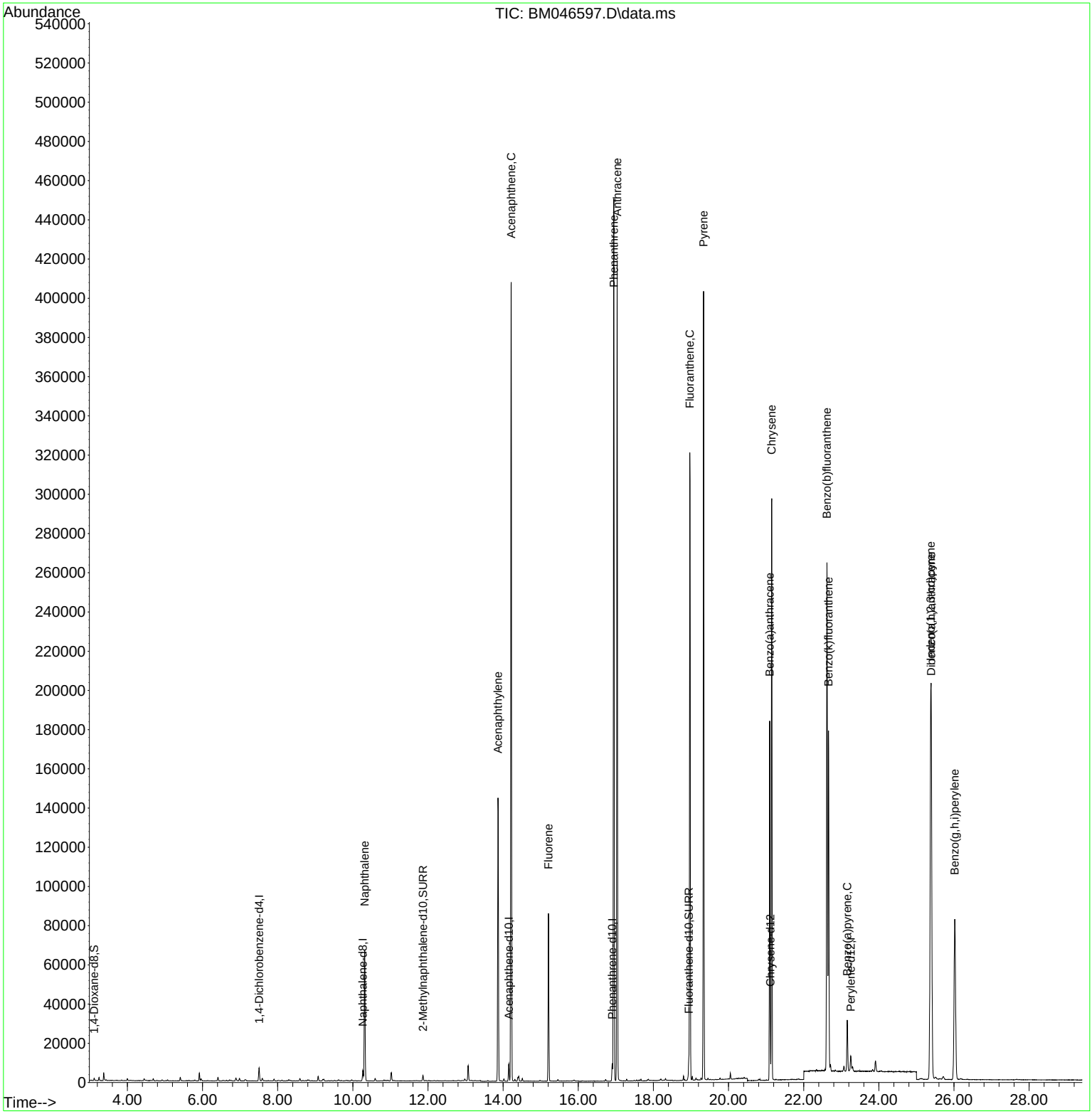
(#) = qualifier out of range (m) = manual integration (+) = signals summed

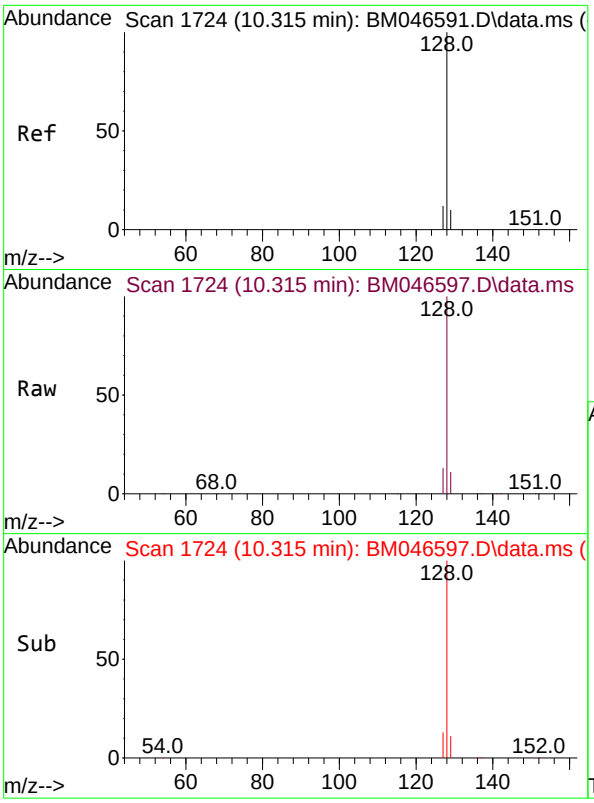
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046597.D
Acq On : 15 Jul 2024 14:46
Operator : MA/JU
Sample : P3100-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4DQ0

Quant Time: Jul 15 15:20:41 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



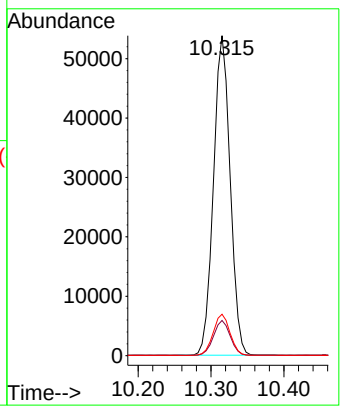


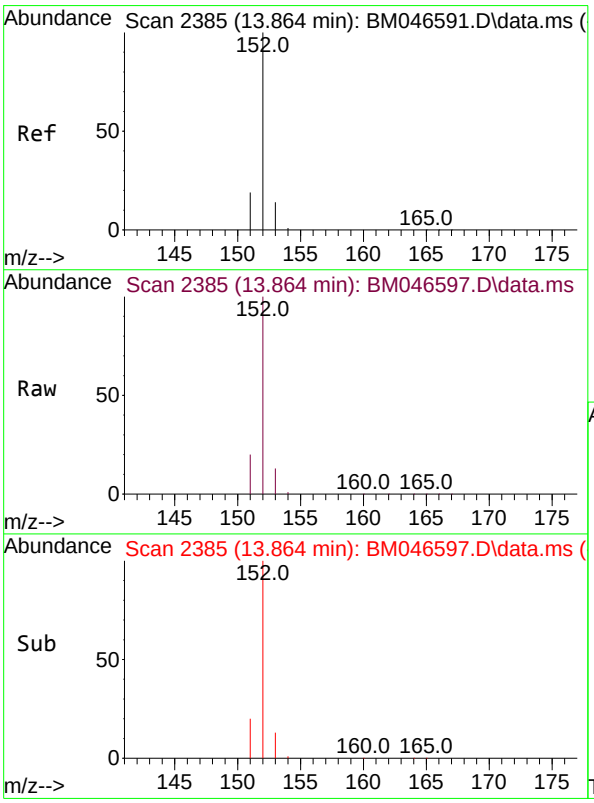
#5
Naphthalene
Concen: 4.720 ng/ul
RT: 10.315 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM046597.D
Acq: 15 Jul 2024 14:46

Instrument :
BNA_M
ClientSampleId :
A4DQ0

Tgt Ion:128 Resp: 85645

Ion	Ratio	Lower	Upper
128	100		
129	11.0	10.3	15.5
127	12.9	12.2	18.4

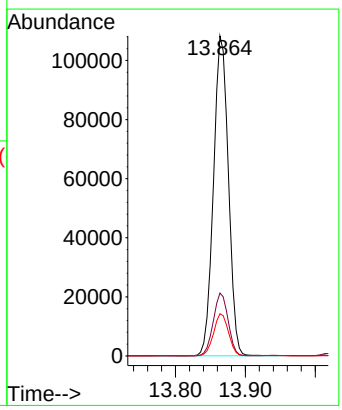


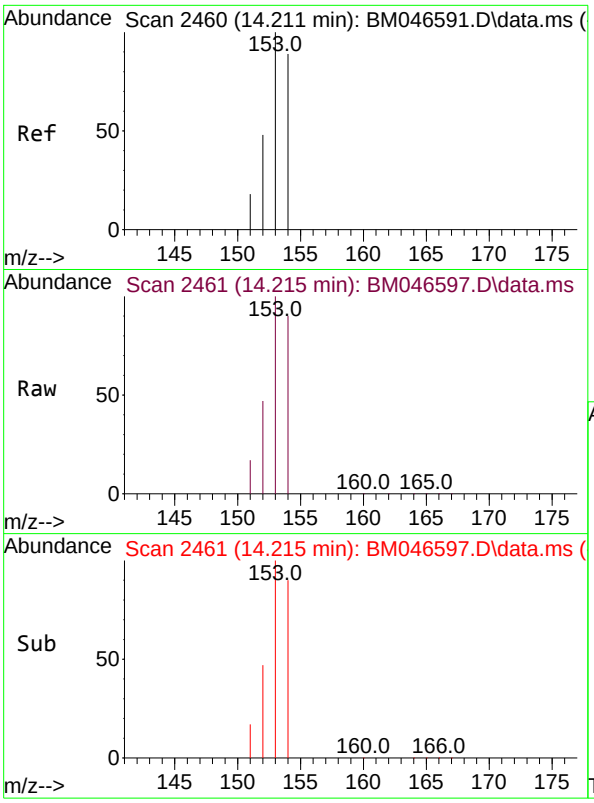


#10
Acenaphthylene
Concen: 7.176 ng/ul
RT: 13.864 min Scan# 2385
Delta R.T. -0.000 min
Lab File: BM046597.D
Acq: 15 Jul 2024 14:46

Tgt Ion:152 Resp: 160321

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.4	24.6
153	13.2	12.4	18.6



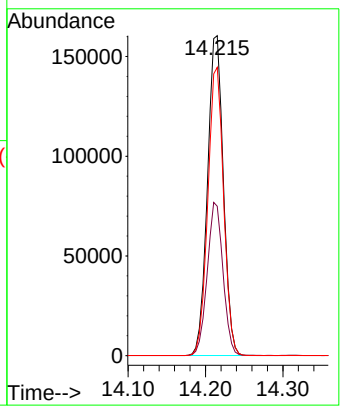


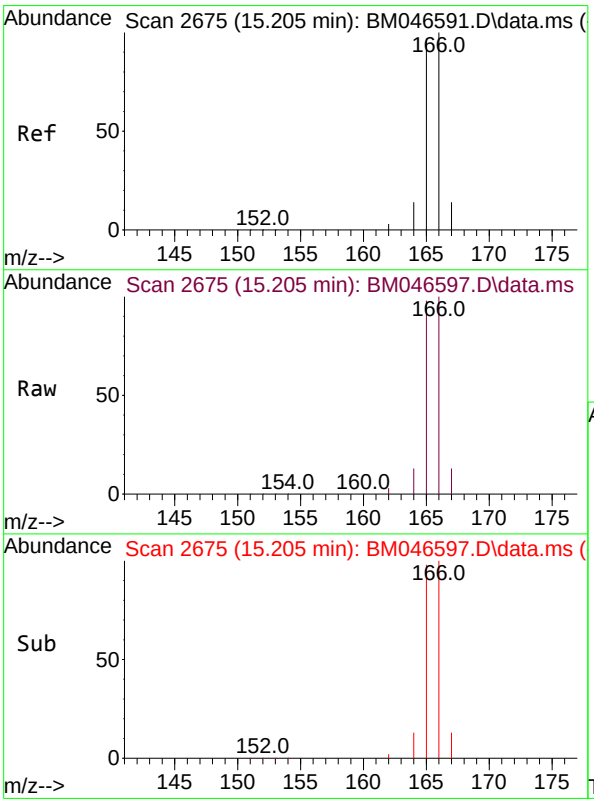
#11
Acenaphthene
Concen: 15.241 ng/ul
RT: 14.215 min Scan# 24
Delta R.T. 0.004 min
Lab File: BM046597.D
Acq: 15 Jul 2024 14:46

Instrument :
BNA_M
ClientSampleId :
A4DQ0

Tgt Ion:153 Resp: 228141

Ion	Ratio	Lower	Upper
153	100		
152	46.7	43.0	64.6
154	90.1	69.9	104.9

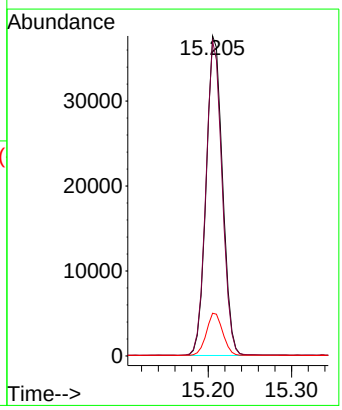


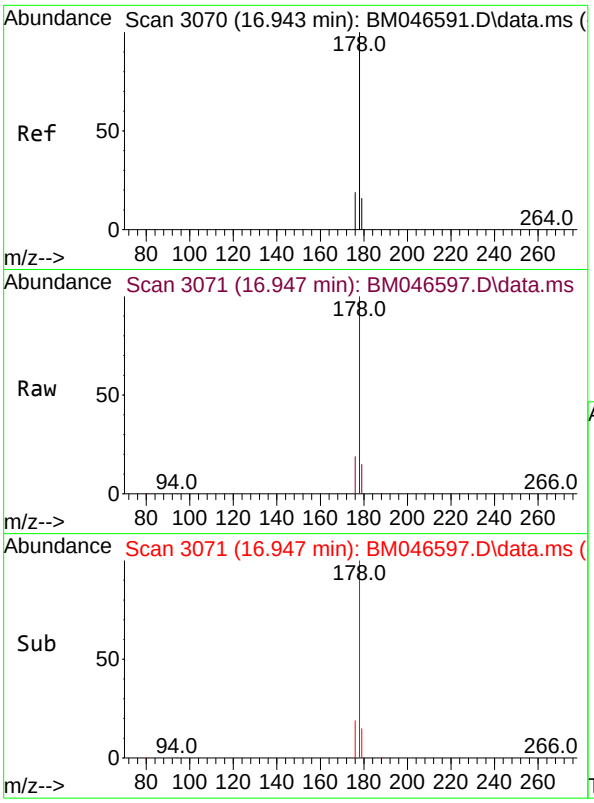


#12
Fluorene
Concen: 2.765 ng/ul
RT: 15.205 min Scan# 2675
Delta R.T. -0.000 min
Lab File: BM046597.D
Acq: 15 Jul 2024 14:46

Tgt Ion:166 Resp: 51210

Ion	Ratio	Lower	Upper
166	100		
165	98.4	76.1	114.1
167	13.4	12.5	18.7



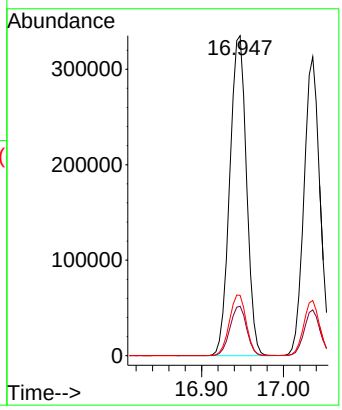


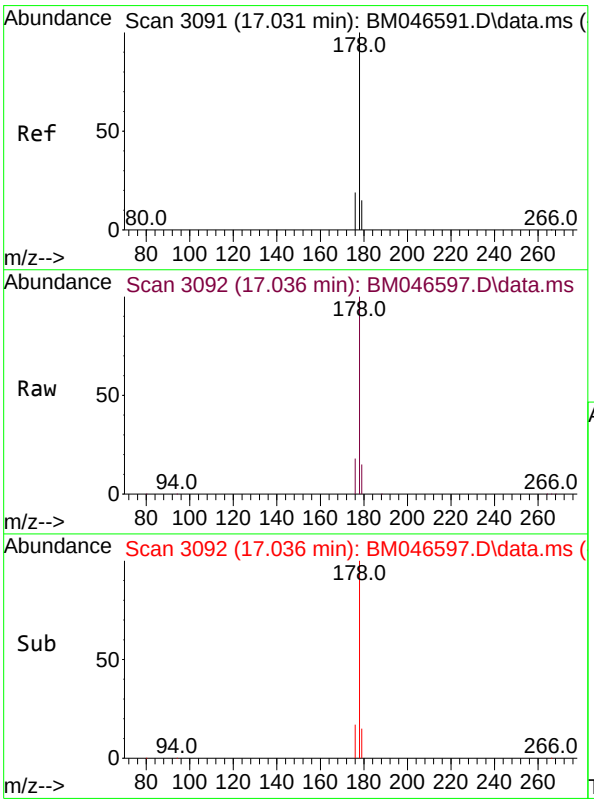
#15
Phenanthrene
Concen: 15.148 ng/ul
RT: 16.947 min Scan# 3
Delta R.T. 0.004 min
Lab File: BM046597.D
Acq: 15 Jul 2024 14:46

Instrument :
BNA_M
ClientSampleId :
A4DQ0

Tgt Ion:178 Resp: 474464

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.1	19.7
176	18.9	16.0	24.0

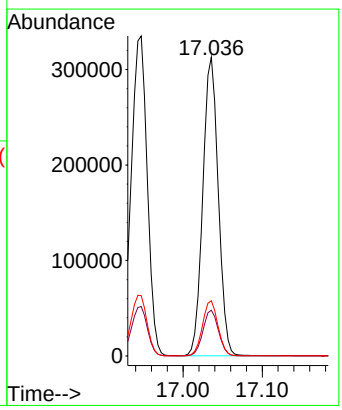


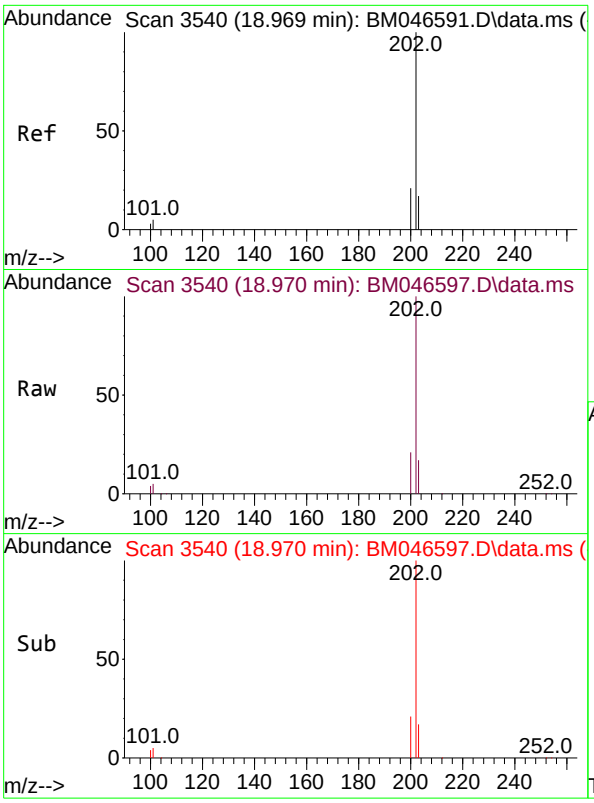


#16
Anthracene
Concen: 13.816 ng/ul
RT: 17.036 min Scan# 3092
Delta R.T. 0.004 min
Lab File: BM046597.D
Acq: 15 Jul 2024 14:46

Tgt Ion:178 Resp: 422295

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.5	20.3
176	18.4	15.7	23.5



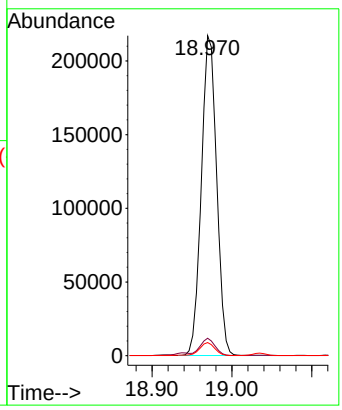


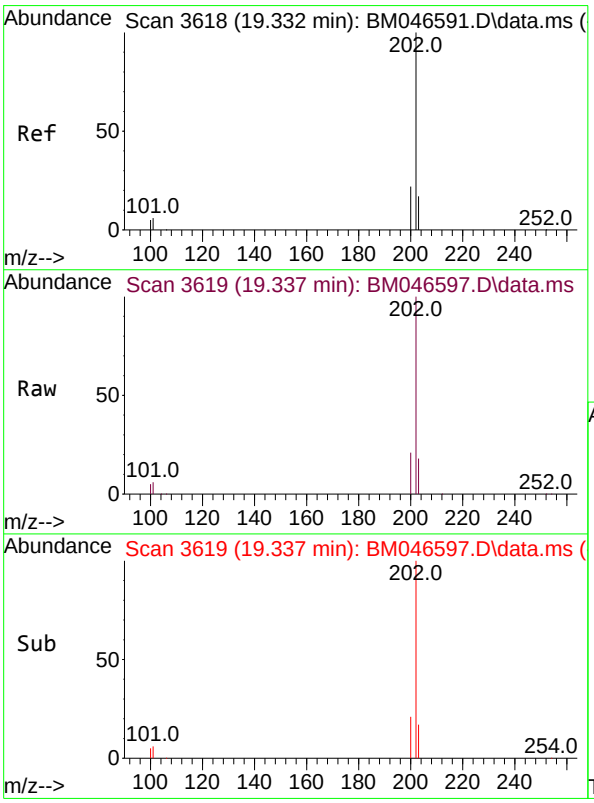
#19
Fluoranthene
Concen: 7.892 ng/ul
RT: 18.970 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM046597.D
Acq: 15 Jul 2024 14:46

Instrument :
BNA_M
ClientSampleId :
A4DQ0

Tgt Ion:202 Resp: 288653

Ion	Ratio	Lower	Upper
202	100		
101	5.4	4.6	6.8
100	4.1	3.0	4.6

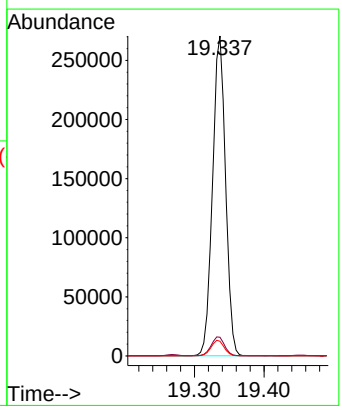


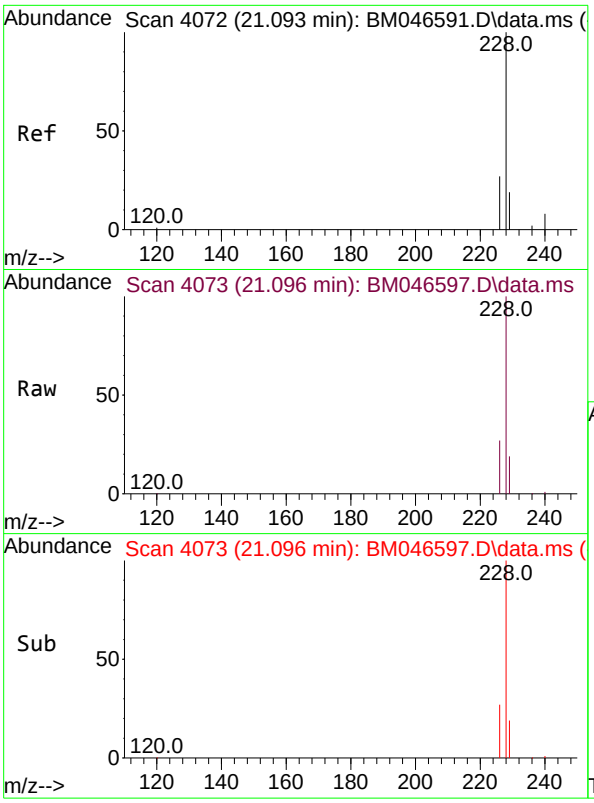


#20
Pyrene
Concen: 8.884 ng/ul
RT: 19.337 min Scan# 3619
Delta R.T. 0.004 min
Lab File: BM046597.D
Acq: 15 Jul 2024 14:46

Tgt Ion:202 Resp: 351784

Ion	Ratio	Lower	Upper
202	100		
101	5.8	5.1	7.7
100	4.6	3.8	5.6



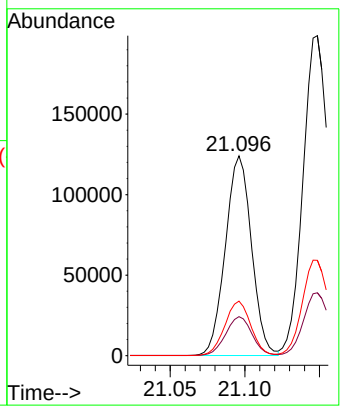


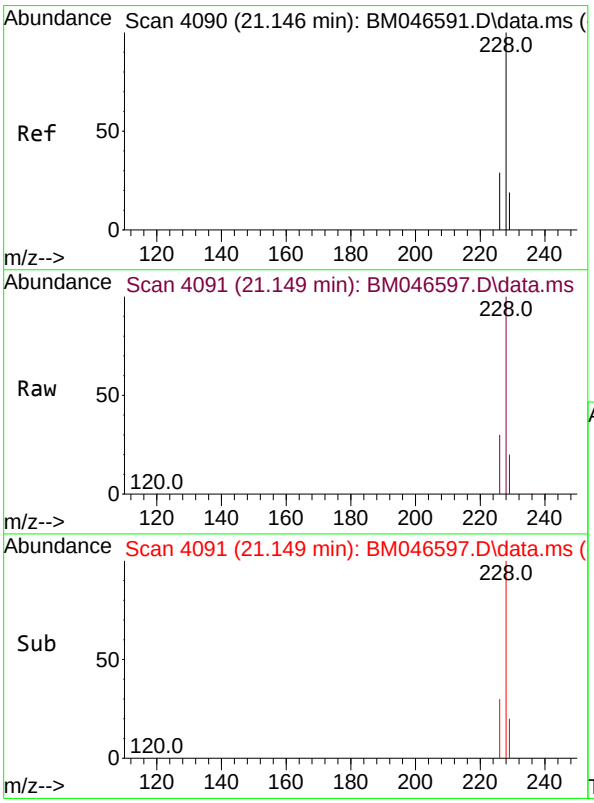
#21
Benzo(a)anthracene
Concen: 3.833 ng/ul
RT: 21.096 min Scan# 4
Delta R.T. 0.008 min
Lab File: BM046597.D
Acq: 15 Jul 2024 14:46

Instrument :
BNA_M
ClientSampleId :
A4DQ0

Tgt Ion:228 Resp: 150999

Ion	Ratio	Lower	Upper
228	100		
229	19.5	16.5	24.7
226	27.3	22.5	33.7

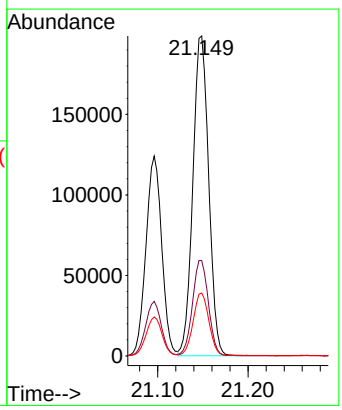


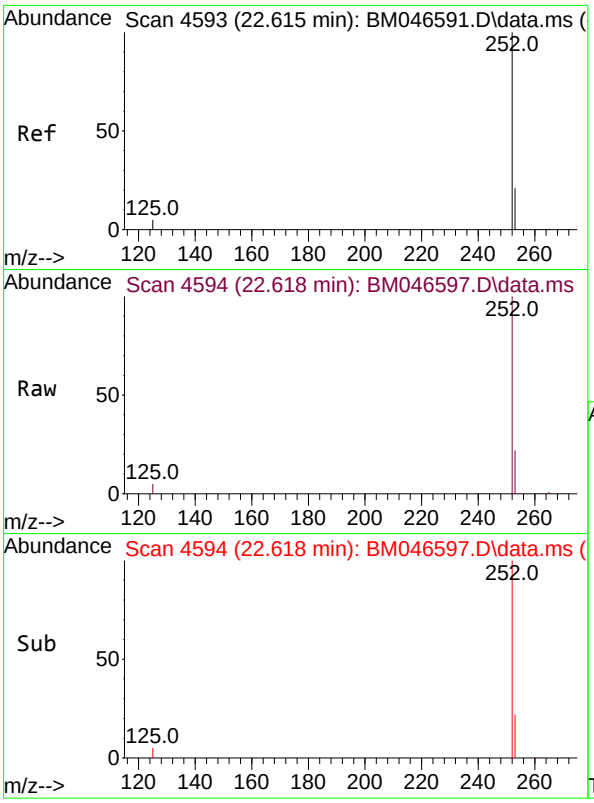


#22
Chrysene
Concen: 6.322 ng/ul
RT: 21.149 min Scan# 4091
Delta R.T. 0.008 min
Lab File: BM046597.D
Acq: 15 Jul 2024 14:46

Tgt Ion:228 Resp: 240948

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.3	36.5
229	19.7	16.4	24.6



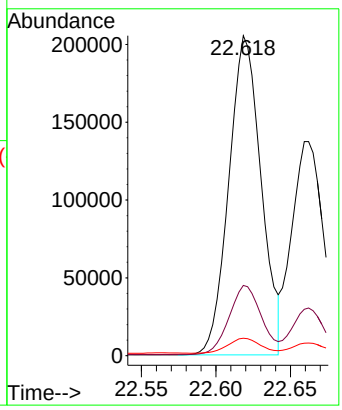


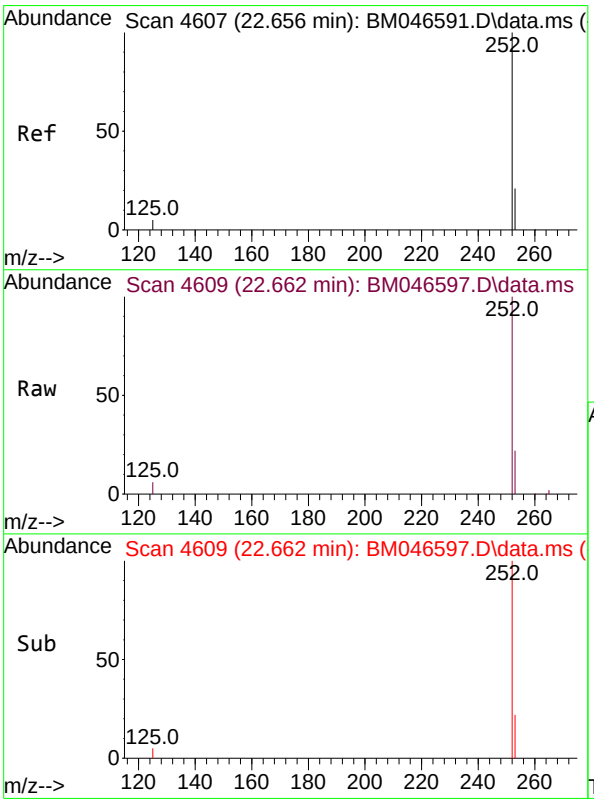
#24
Benzo(b)fluoranthene
Concen: 8.035 ng/ul
RT: 22.618 min Scan# 4
Delta R.T. 0.008 min
Lab File: BM046597.D
Acq: 15 Jul 2024 14:46

Instrument :
BNA_M
ClientSampleId :
A4DQ0

Tgt Ion:252 Resp: 308848

Ion	Ratio	Lower	Upper
252	100		
253	21.9	0.0	56.2
125	5.5	0.0	17.8

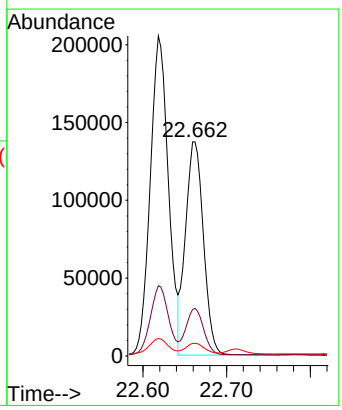


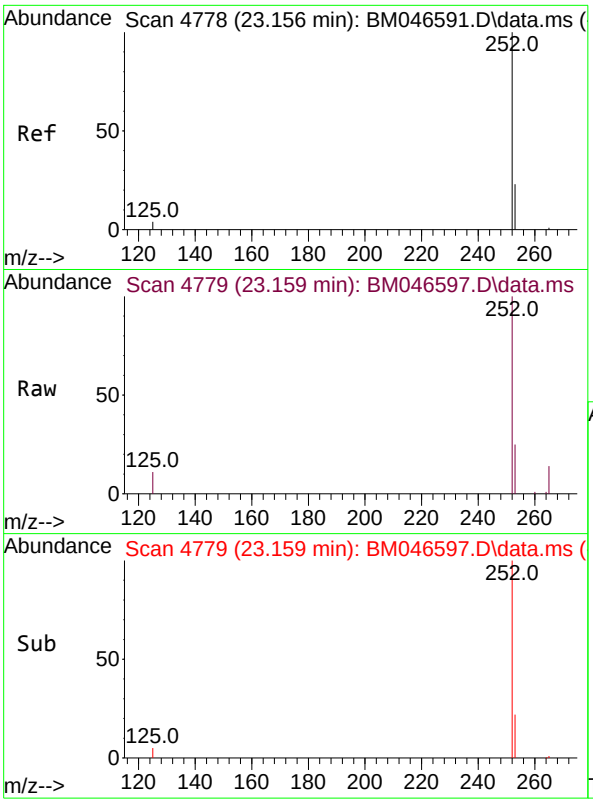


#25
Benzo(k)fluoranthene
Concen: 5.419 ng/ul
RT: 22.662 min Scan# 4609
Delta R.T. 0.011 min
Lab File: BM046597.D
Acq: 15 Jul 2024 14:46

Tgt Ion:252 Resp: 204501

Ion	Ratio	Lower	Upper
252	100		
253	22.3	22.4	33.6#
125	5.9	7.0	10.4#



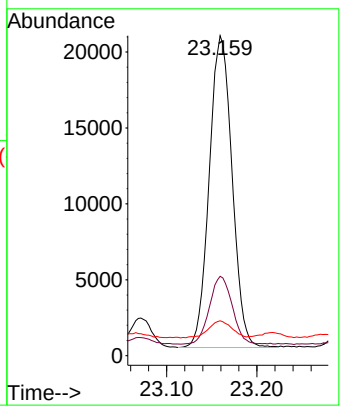


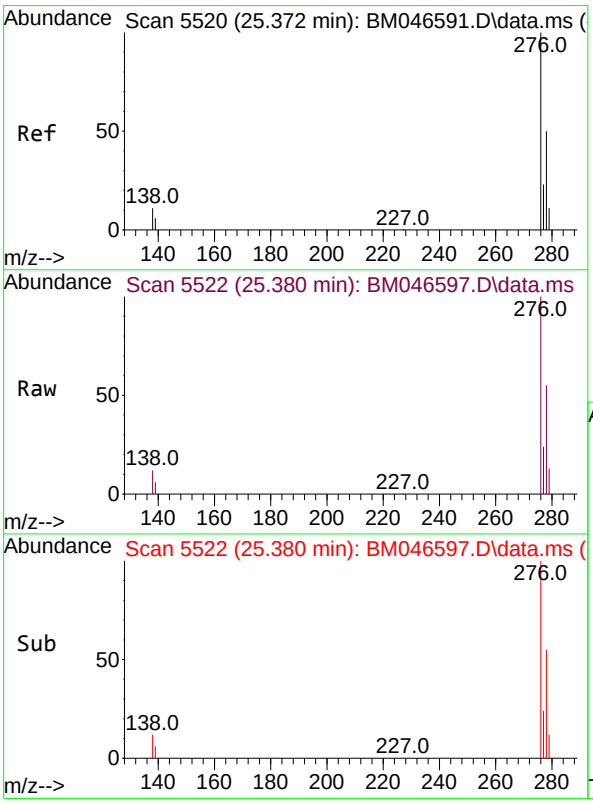
#26
Benzo(a)pyrene
Concen: 1.141 ng/ul
RT: 23.159 min Scan# 4
Delta R.T. 0.008 min
Lab File: BM046597.D
Acq: 15 Jul 2024 14:46

Instrument :
BNA_M
ClientSampleId :
A4DQ0

Tgt Ion:252 Resp: 36102

Ion	Ratio	Lower	Upper
252	100		
253	24.8	24.0	36.0
125	10.9	8.2	12.2

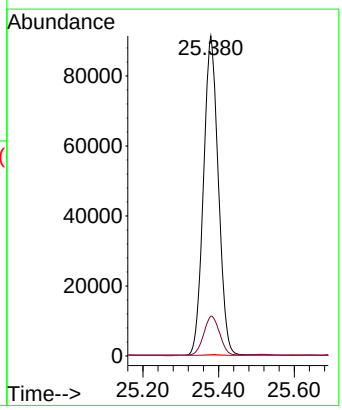


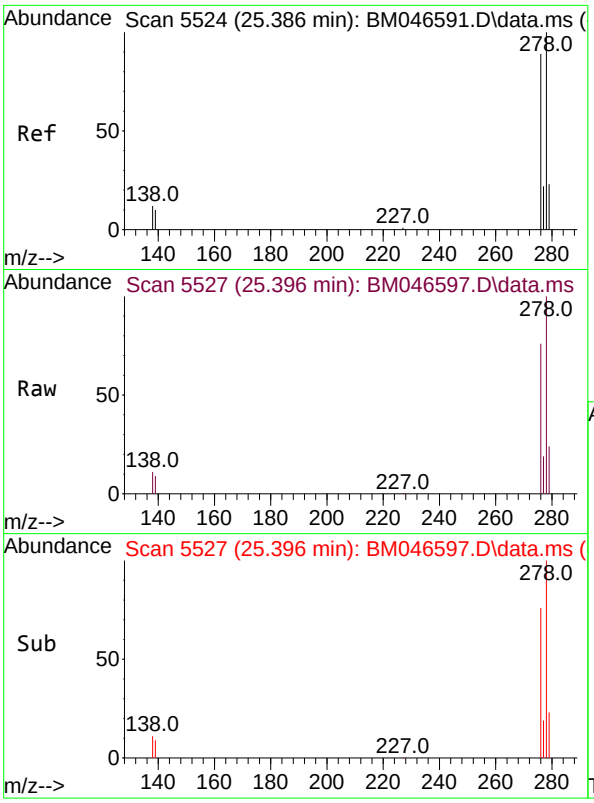


#27
Indeno(1,2,3-cd)pyrene
Concen: 5.175 ng/ul
RT: 25.380 min Scan# 5522
Delta R.T. 0.020 min
Lab File: BM046597.D
Acq: 15 Jul 2024 14:46

Tgt Ion:276 Resp: 249122

Ion	Ratio	Lower	Upper
276	100		
138	12.9	0.0	0.0#
227	0.3	0.2	0.2#



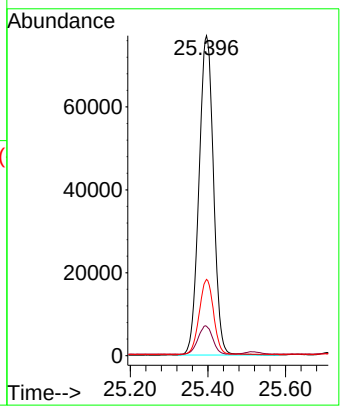


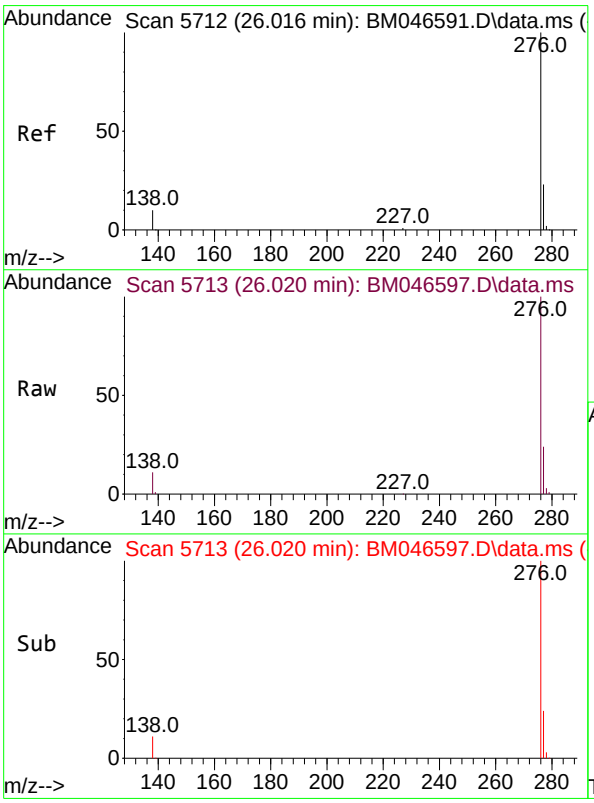
#28
Dibenzo(a,h)anthracene
Concen: 5.242 ng/ul
RT: 25.396 min Scan# 5
Delta R.T. 0.013 min
Lab File: BM046597.D
Acq: 15 Jul 2024 14:46

Instrument :
BNA_M
ClientSampleId :
A4DQ0

Tgt Ion:278 Resp: 199777

Ion	Ratio	Lower	Upper
278	100		
139	9.2	9.1	13.7
279	23.9	23.2	34.8





#29
Benzo(g,h,i)perylene
Concen: 4.482 ng/ul
RT: 26.020 min Scan# 5713
Delta R.T. 0.016 min
Lab File: BM046597.D
Acq: 15 Jul 2024 14:46

Tgt Ion:276 Resp: 172167

Ion	Ratio	Lower	Upper
276	100		
138	11.3	10.2	15.4
277	23.8	20.9	31.3