Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
Data File : BM046810.D
Acq On : 25 Jul 2024 21:27
Operator : MA/JU
Sample : P3263-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BD6

Quant Time: Jul 26 00:30:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	4952	0.400	ng/ul	0.00
4) Naphthalene-d8	10.227	136	14234	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.118	164	8644	0.400	ng/ul	0.00
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-16.87
17) Chrysene-d12	21.082	240	7176	0.400	ng/ul	# 0.00
23) Perylene-d12	23.212	264	8291	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	13684	3.947	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.827	152	6572	0.290	ng/ul	0.00
18) Fluoranthene-d10	18.914	212	11289	0.483	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.277	128	29053	0.807	ng/ul	98
7) 2-Methylnaphthalene	11.904	142	12450	0.502	ng/ul	99
8) 1-Methylnaphthalene	12.124	142	9865	0.385	ng/ul	100
10) Acenaphthylene	13.836	152	20091	0.507	ng/ul	98
11) Acenaphthene	14.178	153	32662	1.215	ng/ul	99
12) Fluorene	15.178	166	42047	1.252	ng/ul	98
19) Fluoranthene	18.946	202	1016961	32.268	ng/ul	99
20) Pyrene	19.309	202	592092	18.162	ng/ul	99
21) Benzo(a)anthracene	21.067	228	281644	9.419	ng/ul	99
22) Chrysene	21.117	228	297884	9.806	ng/ul	99
24) Benzo(b)fluoranthene	22.583	252	512410	14.077	ng/ul	91
25) Benzo(k)fluoranthene	22.741	252	39956	1.089	ng/ul	96
26) Benzo(a)pyrene	23.118	252	129997	4.975	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.316	276	135301	3.364	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.323	278	45867	1.558	ng/ul	98
29) Benzo(g,h,i)perylene	25.953	276	20741	0.586	ng/ul#	89

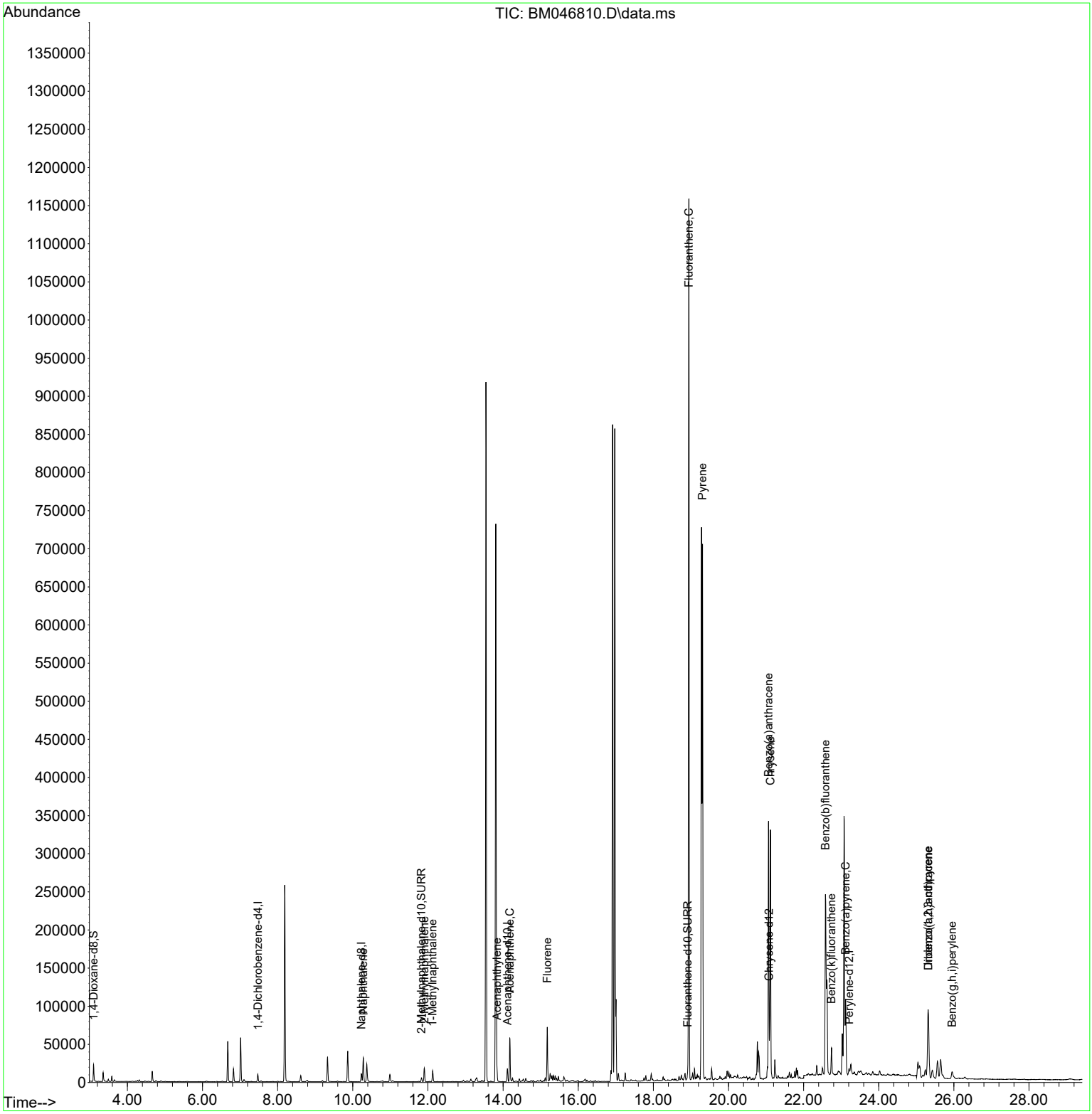
(#) = qualifier out of range (m) = manual integration (+) = signals summed

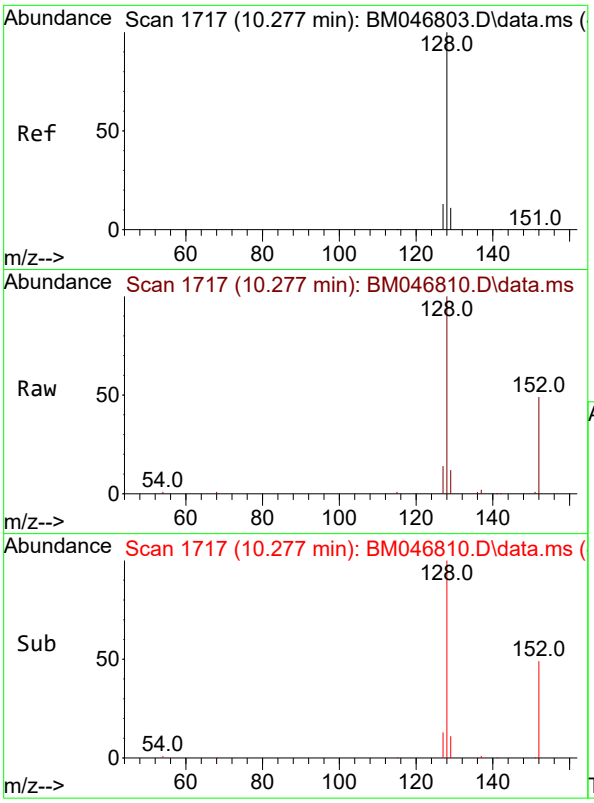
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
Data File : BM046810.D
Acq On : 25 Jul 2024 21:27
Operator : MA/JU
Sample : P3263-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BD6

Quant Time: Jul 26 00:30:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration



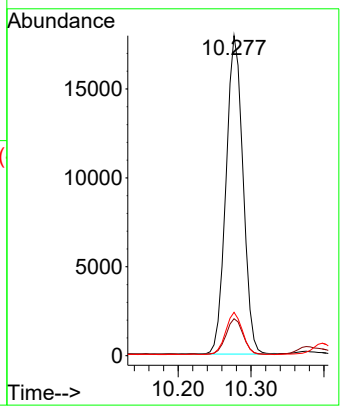


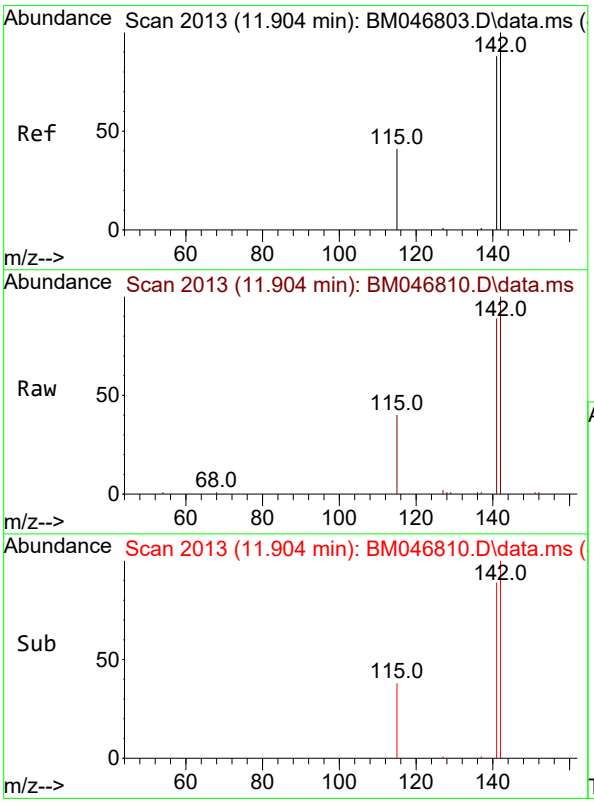
#5
Naphthalene
Concen: 0.807 ng/ul
RT: 10.277 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27

Instrument :
BNA_M
ClientSampleId :
A4BD6

Tgt Ion:128 Resp: 29053

Ion	Ratio	Lower	Upper
128	100		
129	11.5	10.1	15.1
127	13.5	11.5	17.3

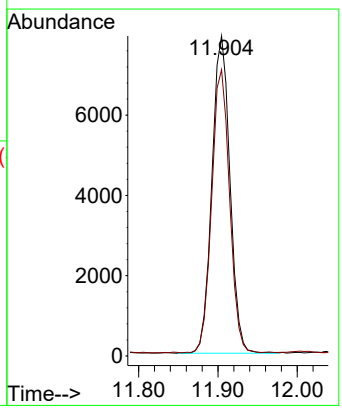


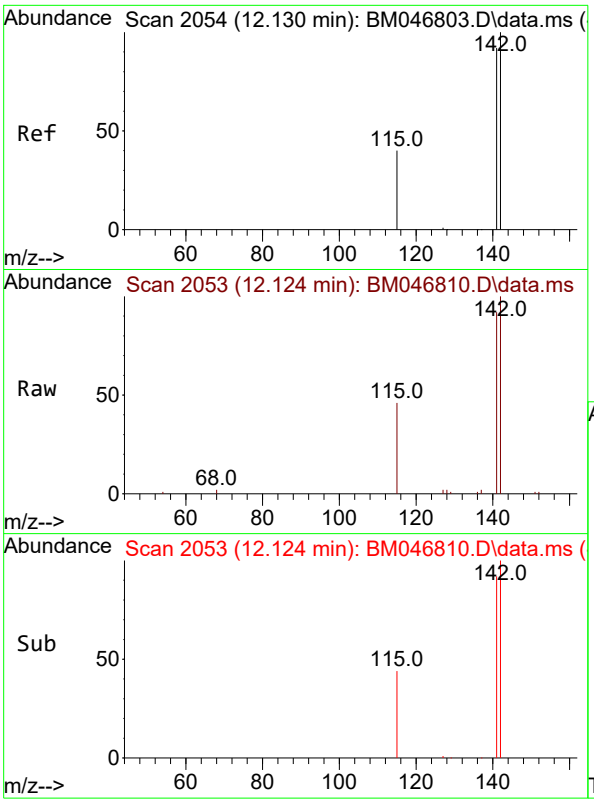


#7
2-Methylnaphthalene
Concen: 0.502 ng/ul
RT: 11.904 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27

Tgt Ion:142 Resp: 12450

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.5	105.7



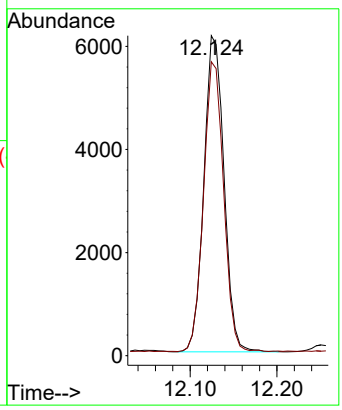


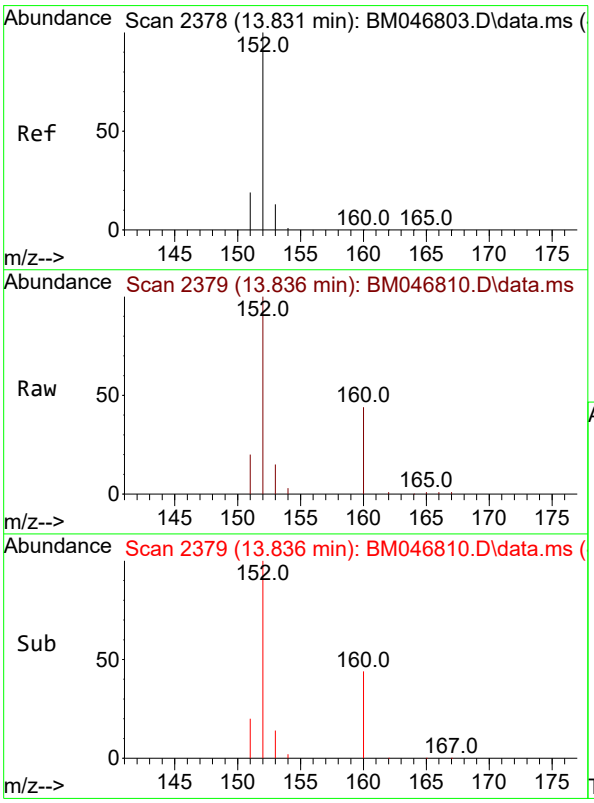
#8
1-Methylnaphthalene
Concen: 0.385 ng/ul
RT: 12.124 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27

Instrument :
BNA_M
ClientSampleId :
A4BD6

Tgt Ion:142 Resp: 9865

Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.1	109.7

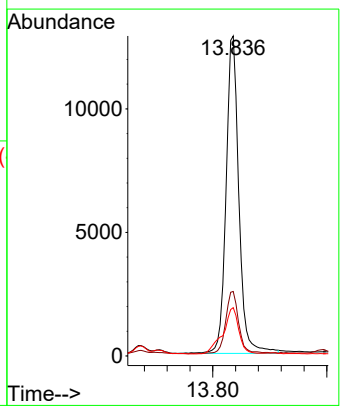


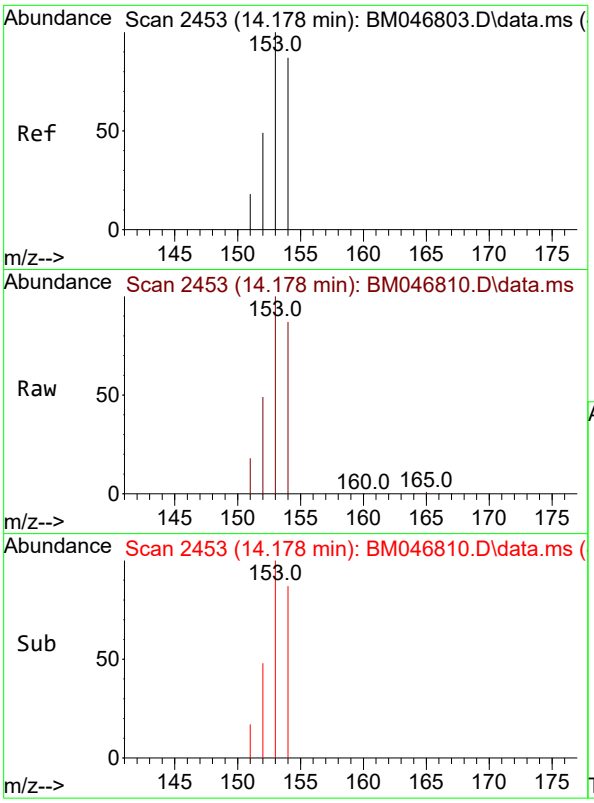


#10
Acenaphthylene
Concen: 0.507 ng/ul
RT: 13.836 min Scan# 2379
Delta R.T. 0.005 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27

Tgt Ion:152 Resp: 20091

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	15.1	11.0	16.6



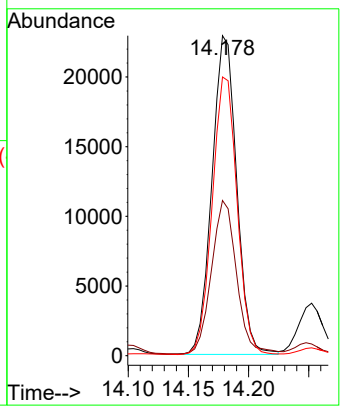


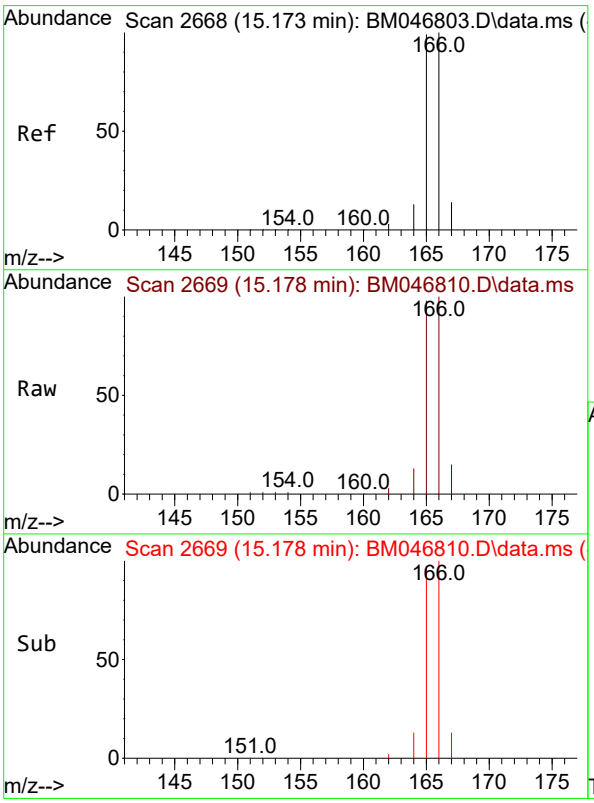
#11
Acenaphthene
Concen: 1.215 ng/ul
RT: 14.178 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27

Instrument :
BNA_M
ClientSampleId :
A4BD6

Tgt Ion:153 Resp: 32662

Ion	Ratio	Lower	Upper
153	100		
152	48.5	38.6	57.8
154	87.1	70.8	106.2

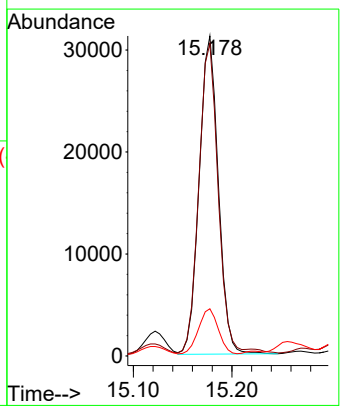


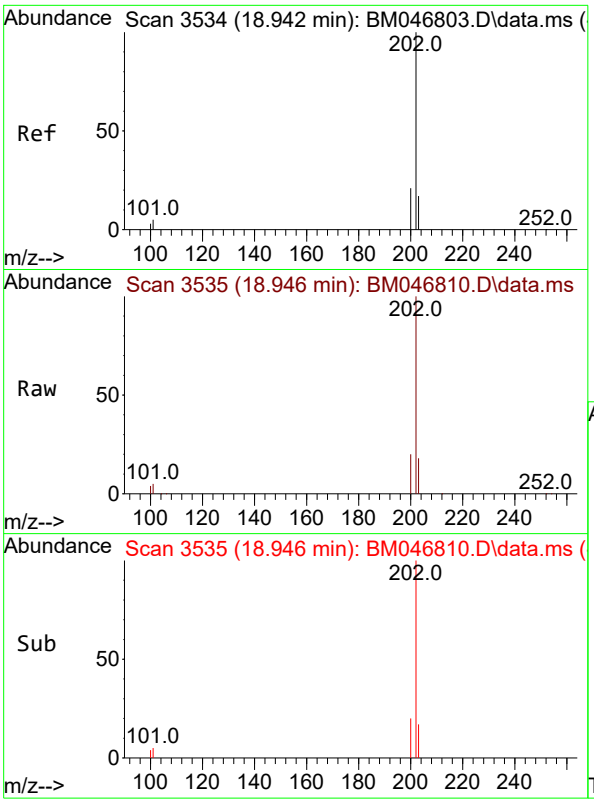


#12
Fluorene
Concen: 1.252 ng/ul
RT: 15.178 min Scan# 2669
Delta R.T. 0.000 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27

Tgt Ion:166 Resp: 42047

Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.8	119.6
167	14.8	12.3	18.5



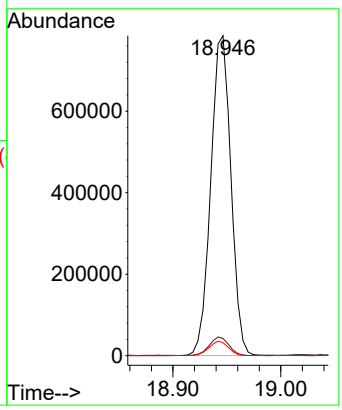


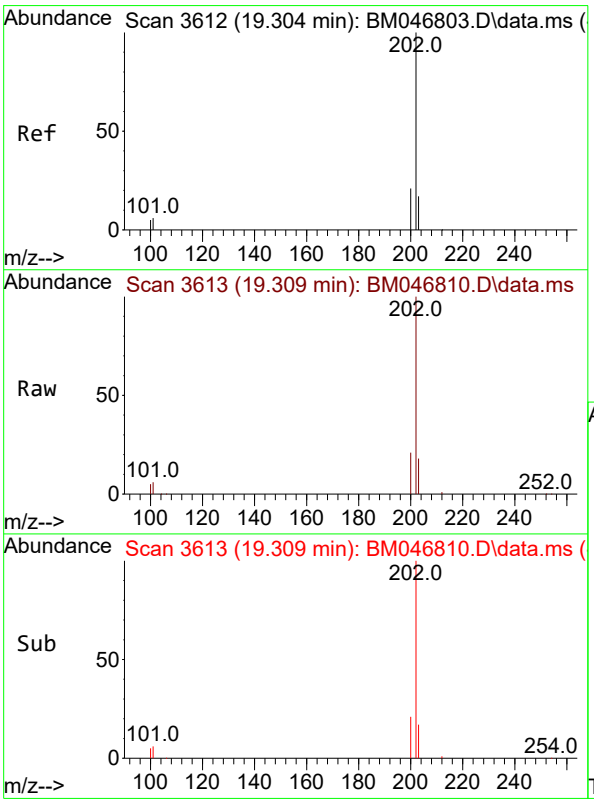
#19
Fluoranthene
Concen: 32.268 ng/ul
RT: 18.946 min Scan# 3
Delta R.T. 0.005 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27

Instrument :
BNA_M
ClientSampleId :
A4BD6

Tgt Ion:202 Resp: 1016961

Ion	Ratio	Lower	Upper
202	100		
101	5.4	4.7	7.1
100	4.0	3.4	5.2

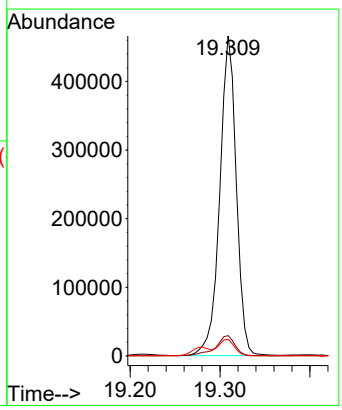


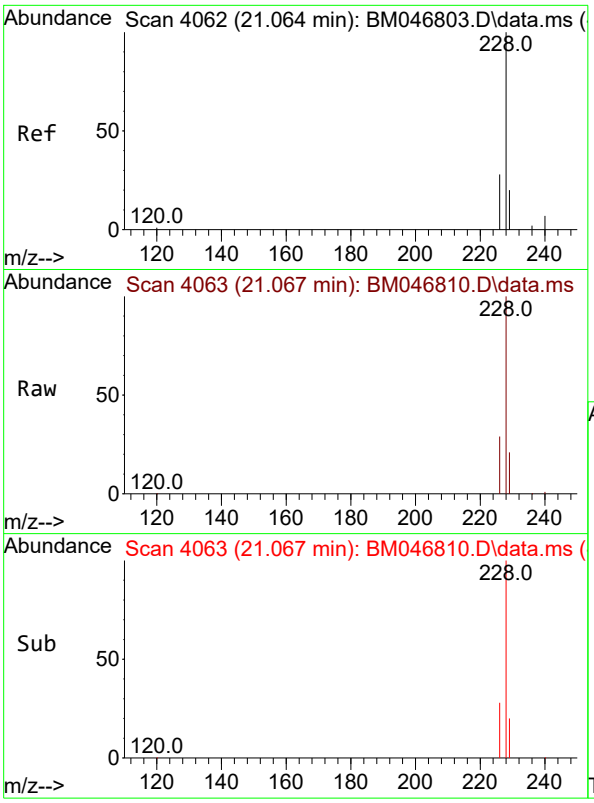


#20
Pyrene
Concen: 18.162 ng/ul
RT: 19.309 min Scan# 3613
Delta R.T. 0.005 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27

Tgt Ion:202 Resp: 592092

Ion	Ratio	Lower	Upper
202	100		
101	6.4	5.2	7.8
100	5.2	4.3	6.5



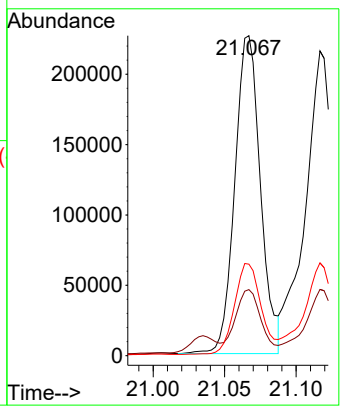


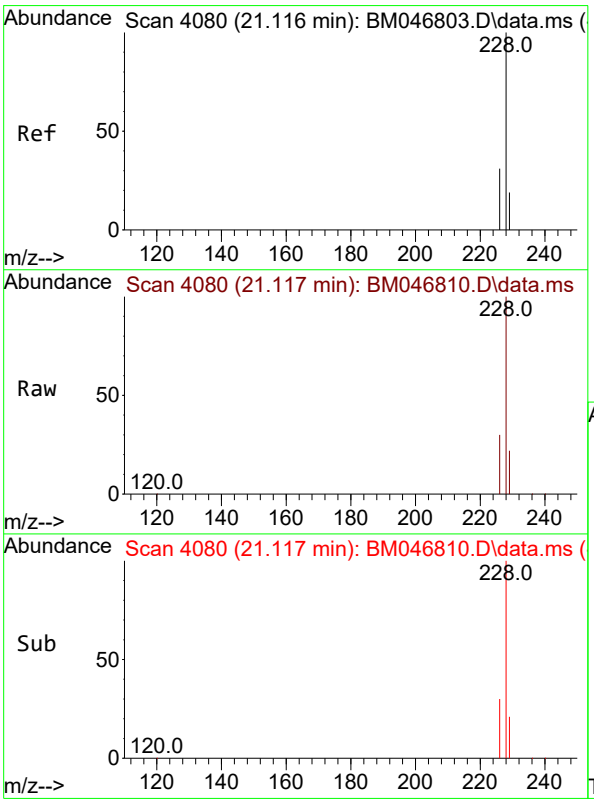
#21
Benzo(a)anthracene
Concen: 9.419 ng/ul
RT: 21.067 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27

Instrument :
BNA_M
ClientSampleId :
A4BD6

Tgt Ion:228 Resp: 281644

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.3	24.5
226	28.6	22.3	33.5

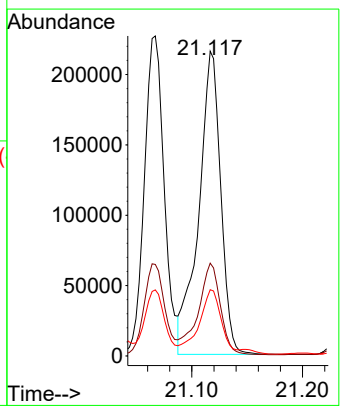


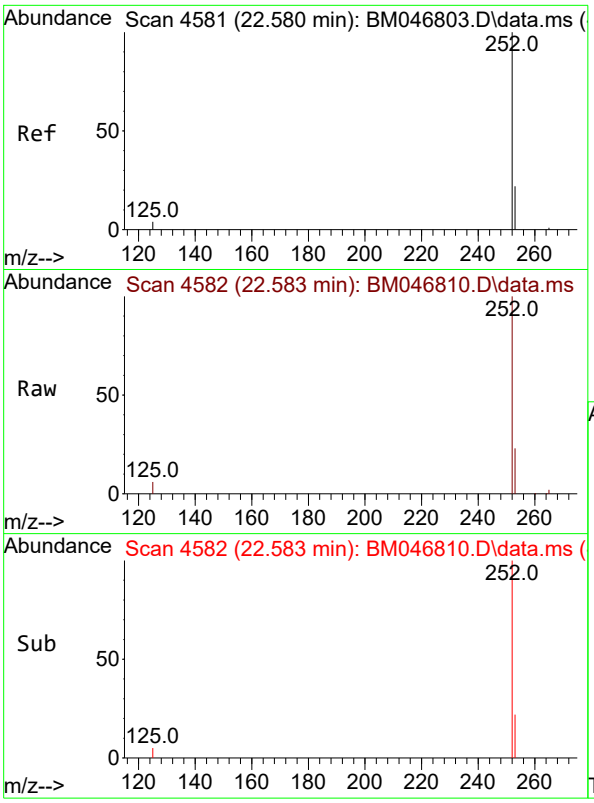


#22
Chrysene
Concen: 9.806 ng/ul
RT: 21.117 min Scan# 4080
Delta R.T. 0.000 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27

Tgt Ion:228 Resp: 297884

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.5	36.7
229	21.7	16.2	24.2



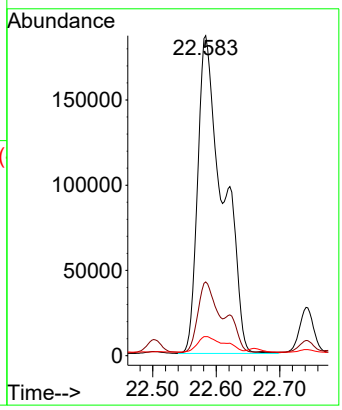


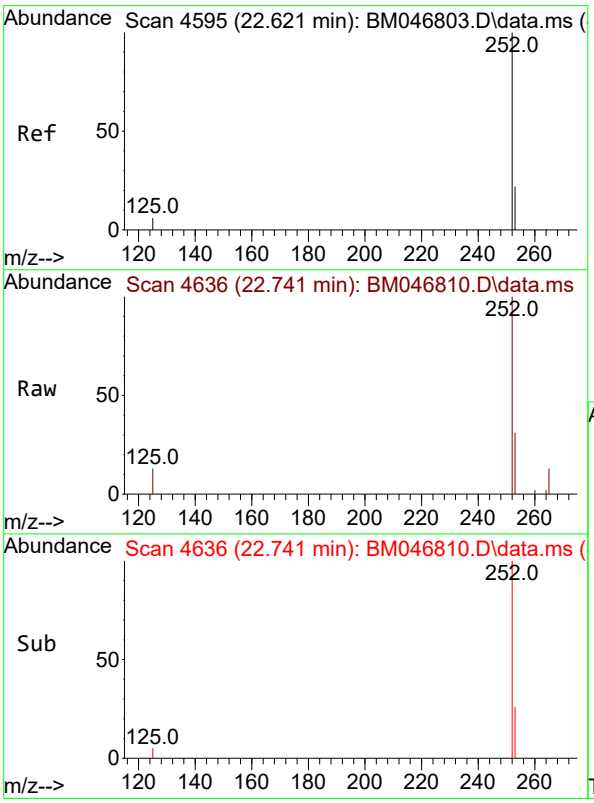
#24
Benzo(b)fluoranthene
Concen: 14.077 ng/ul
RT: 22.583 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27

Instrument :
BNA_M
ClientSampleId :
A4BD6

Tgt Ion:252 Resp: 512410

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	56.4
125	6.0	0.0	15.8

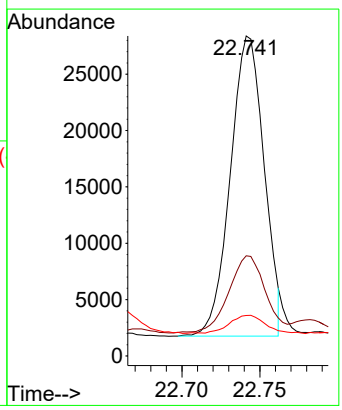


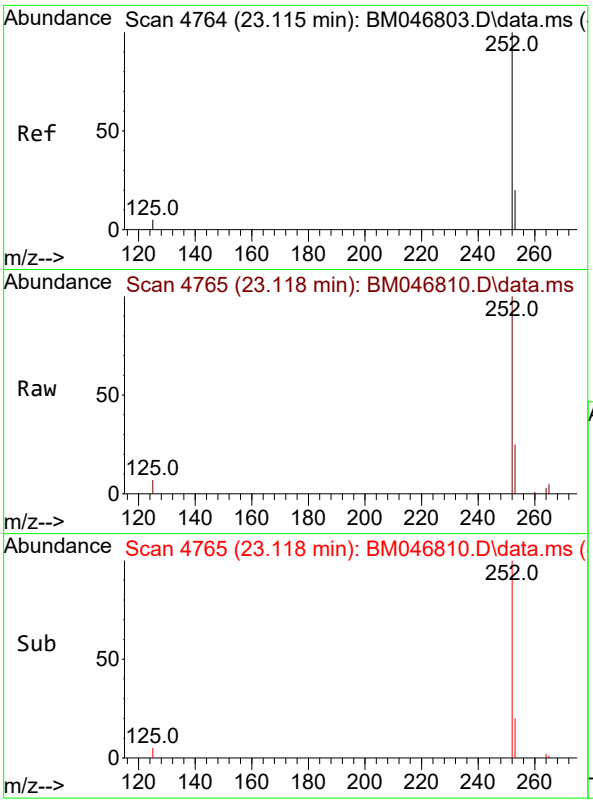


#25
Benzo(k)fluoranthene
Concen: 1.089 ng/ul
RT: 22.741 min Scan# 4636
Delta R.T. 0.120 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27

Tgt Ion:252 Resp: 39956

Ion	Ratio	Lower	Upper
252	100		
253	31.3	23.5	35.3
125	12.7	8.6	13.0



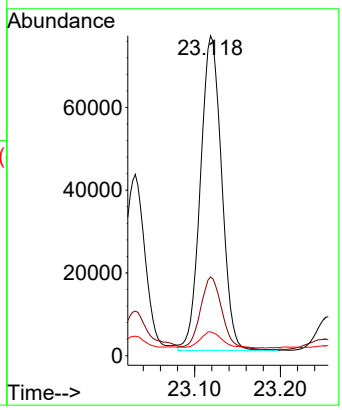


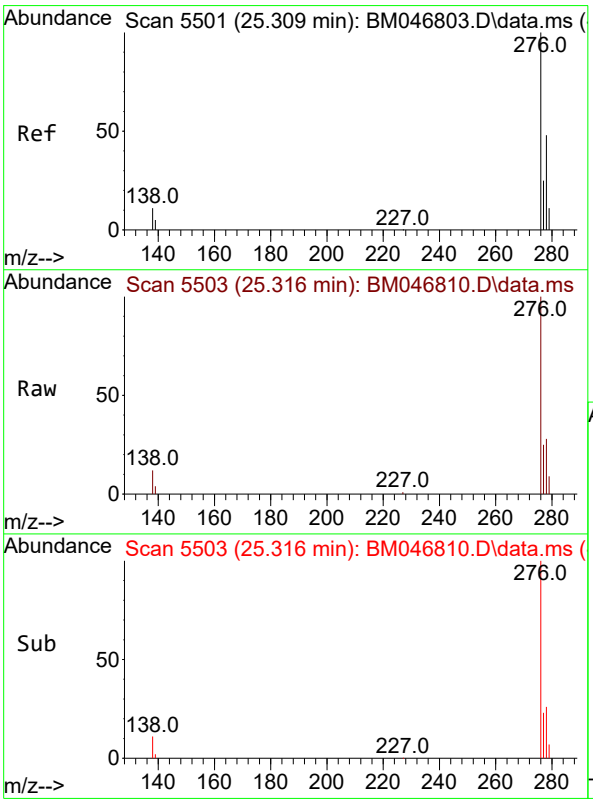
#26
Benzo(a)pyrene
Concen: 4.975 ng/ul
RT: 23.118 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27

Instrument :
BNA_M
ClientSampleId :
A4BD6

Tgt Ion:252 Resp: 129997

Ion	Ratio	Lower	Upper
252	100		
253	24.6	26.0	39.0#
125	7.4	7.8	11.8#

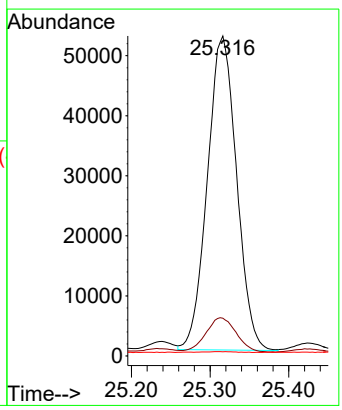


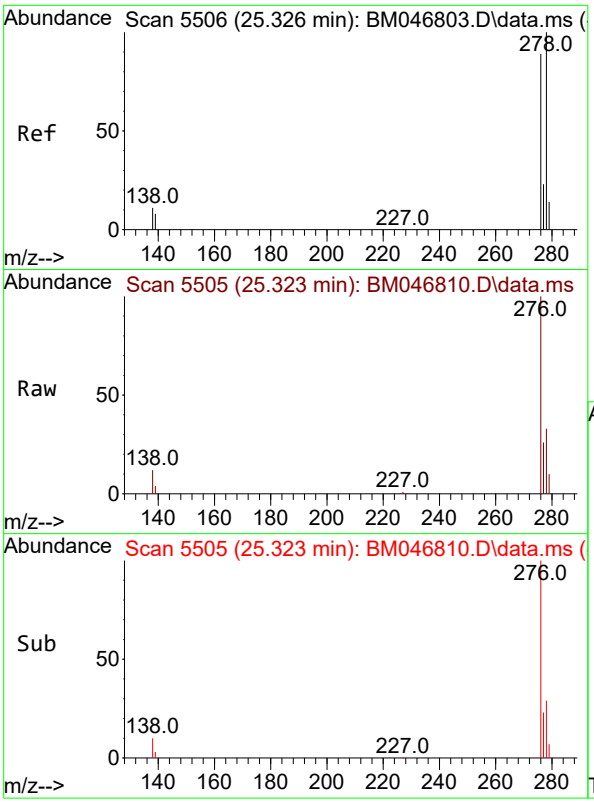


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.364 ng/ul
RT: 25.316 min Scan# 5503
Delta R.T. 0.000 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27

Tgt Ion:276 Resp: 135301

Ion	Ratio	Lower	Upper
276	100		
138	11.3	9.7	14.5
227	0.2	0.2	0.2#



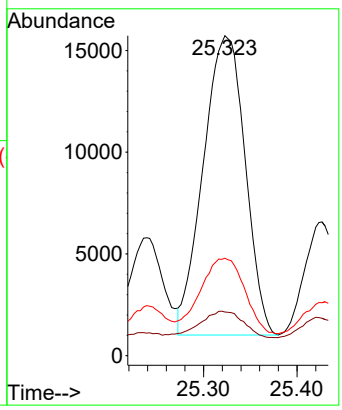


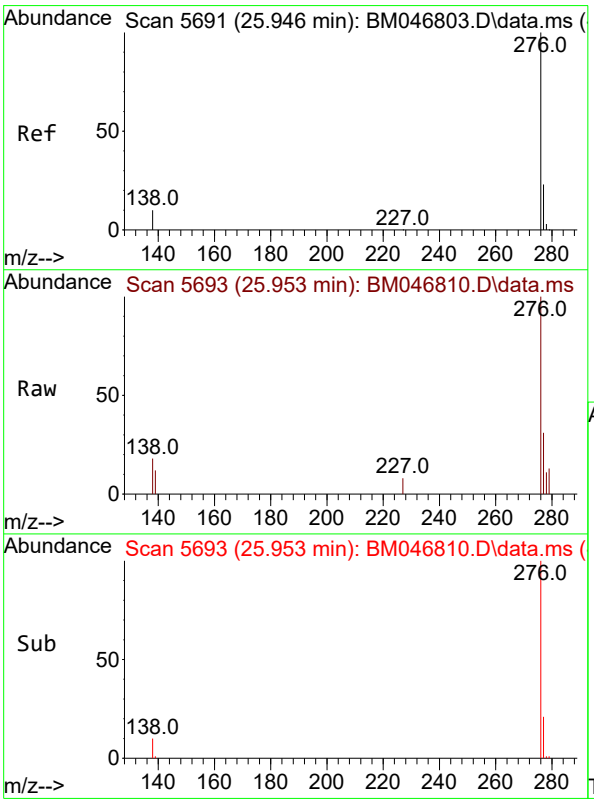
#28
Dibenzo(a,h)anthracene
Concen: 1.558 ng/ul
RT: 25.323 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27

Instrument :
BNA_M
ClientSampleId :
A4BD6

Tgt Ion:278 Resp: 45867

Ion	Ratio	Lower	Upper
278	100		
139	13.7	9.8	14.8
279	30.5	25.2	37.8





#29
Benzo(g,h,i)perylene
Concen: 0.586 ng/ul
RT: 25.953 min Scan# 5693
Delta R.T. 0.000 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27

Tgt Ion:276 Resp: 20741

Ion	Ratio	Lower	Upper
276	100		
138	17.6	9.5	14.3#
277	30.9	20.9	31.3