Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
Data File : BM040270.D
Acq On : 15 Jun 2023 21:45
Operator : MA/JU
Sample : 03088-13DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DCFR9DL

Quant Time: Jun 15 23:44:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration

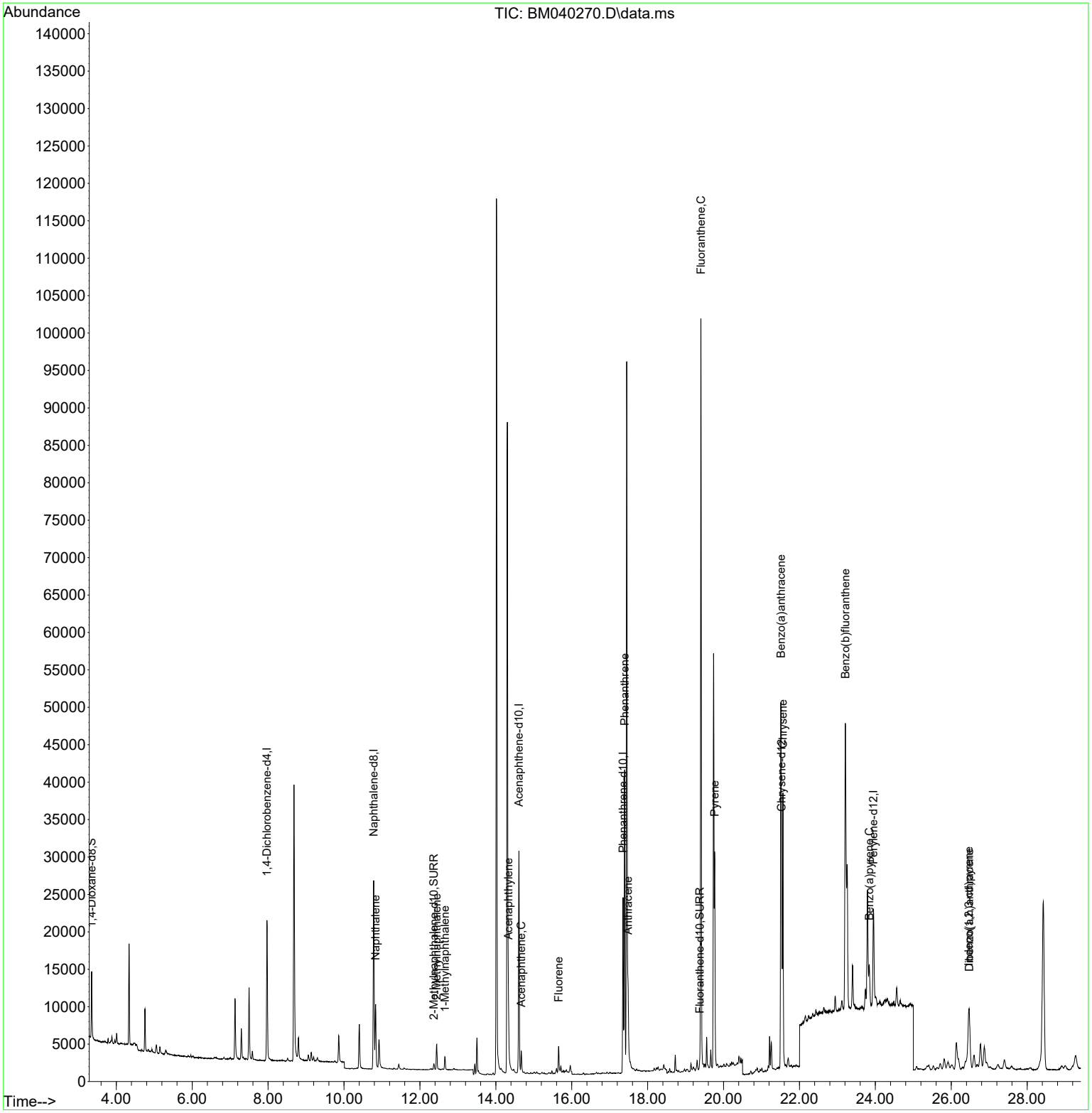
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	9815	0.400	ng/ul	0.00
4) Naphthalene-d8	10.782	136	34779	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.608	164	16185	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	27824	0.400	ng/ul	0.00
17) Chrysene-d12	21.528	240	17466	0.400	ng/ul	0.00
23) Perylene-d12	23.951	264	18907	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	5429	0.448	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.366	152	1124	0.025	ng/ul	0.00
18) Fluoranthene-d10	19.374	212	1397	0.032	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.832	128	11730	0.142	ng/ul	97
7) 2-Methylnaphthalene	12.443	142	2679	0.052	ng/ul	99
8) 1-Methylnaphthalene	12.657	142	1241	0.023	ng/ul	97
10) Acenaphthylene	14.331	152	10747	0.190	ng/ul	98
11) Acenaphthene	14.668	153	1700	0.035	ng/ul	96
12) Fluorene	15.654	166	2480	0.046	ng/ul#	92
15) Phenanthrene	17.394	178	42340	0.579	ng/ul	99
16) Anthracene	17.483	178	9163	0.148	ng/ul	95
19) Fluoranthene	19.406	202	86723	1.458	ng/ul	99
20) Pyrene	19.769	202	23661	0.383	ng/ul	99
21) Benzo(a)anthracene	21.510	228	39144	0.759	ng/ul	97
22) Chrysene	21.563	228	36913	0.678	ng/ul	97
24) Benzo(b)fluoranthene	23.209	252	60668	0.870	ng/ul	98
26) Benzo(a)pyrene	23.840	252	6775	0.118	ng/ul#	34
27) Indeno(1,2,3-cd)pyrene	26.463	276	10702	0.148	ng/ul#	75
28) Dibenzo(a,h)anthracene	26.479	278	8446	0.145	ng/ul#	77

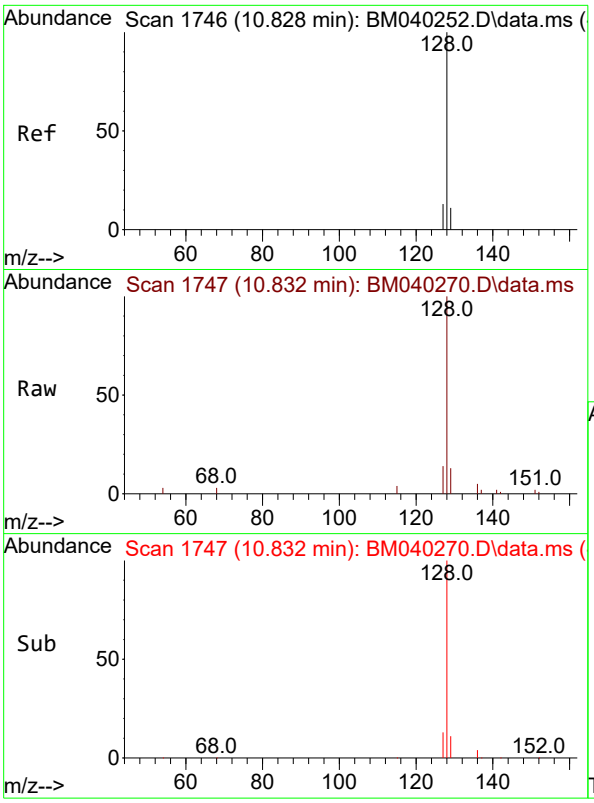
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
Data File : BM040270.D
Acq On : 15 Jun 2023 21:45
Operator : MA/JU
Sample : 03088-13DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFR9DL

Quant Time: Jun 15 23:44:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration



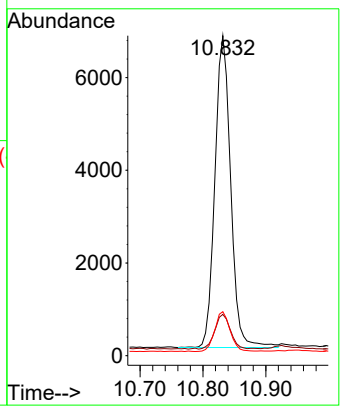


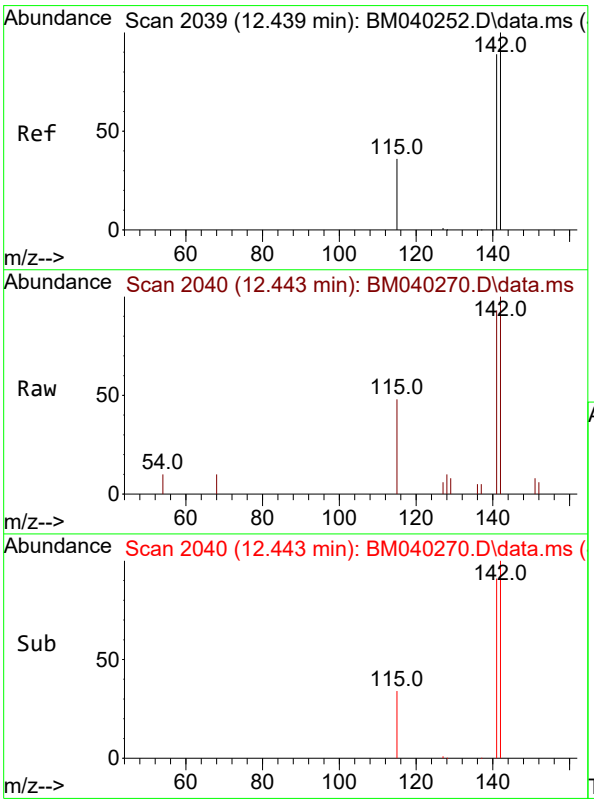
#5
Naphthalene
Concen: 0.142 ng/ul
RT: 10.832 min Scan# 1
Delta R.T. -0.001 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45

Instrument :
BNA_M
ClientSampleId :
DCFR9DL

Tgt Ion:128 Resp: 11730

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.1	13.7
127	13.7	10.4	15.6

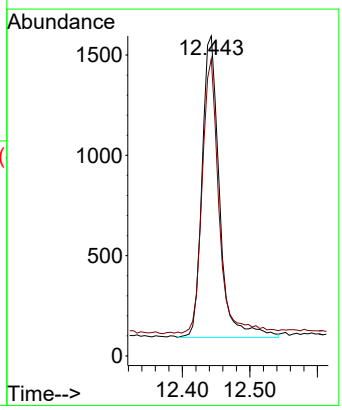


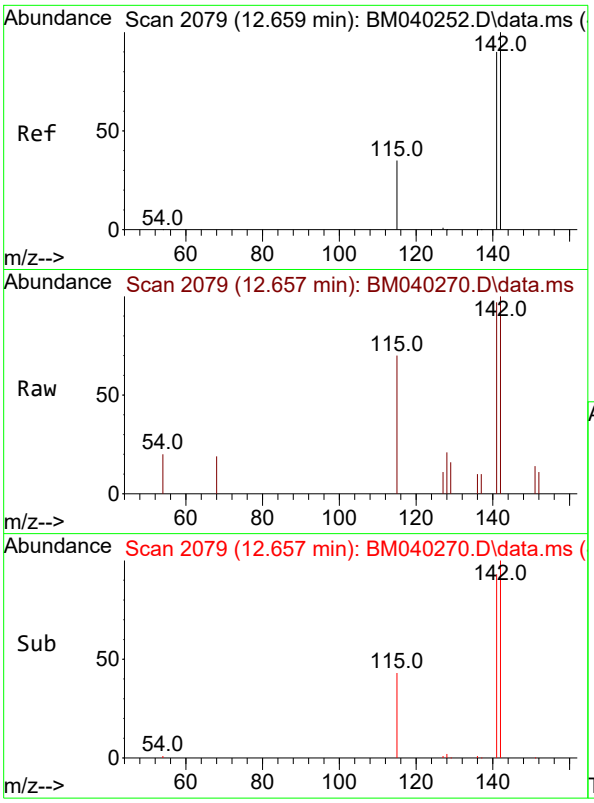


#7
2-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.443 min Scan# 2040
Delta R.T. -0.001 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45

Tgt Ion:142 Resp: 2679

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.6	106.0



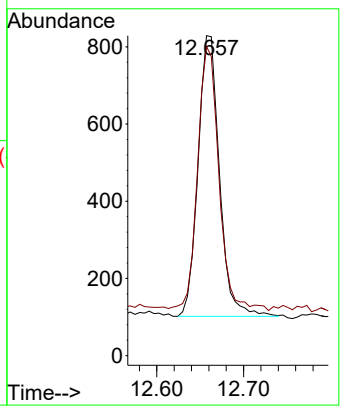


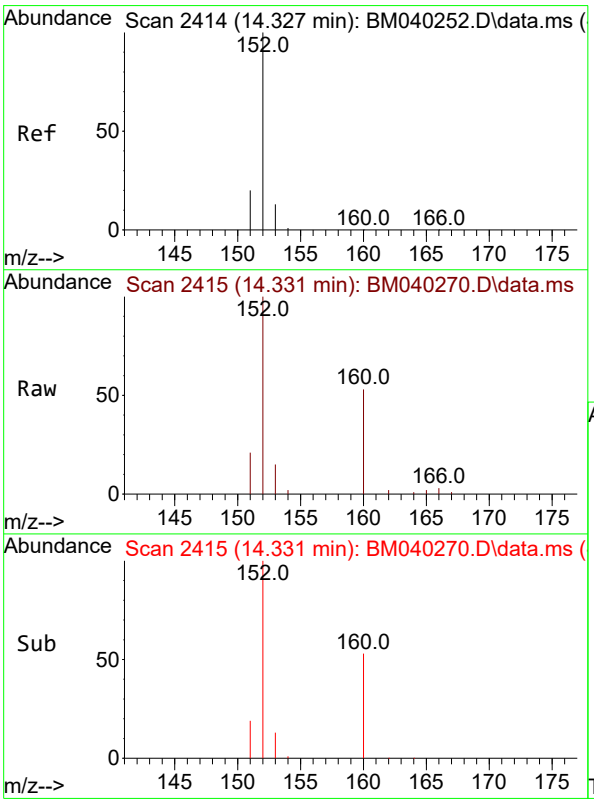
#8
1-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.657 min Scan# 2
Delta R.T. -0.007 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45

Instrument :
BNA_M
ClientSampleId :
DCFR9DL

Tgt Ion:142 Resp: 1241

Ion	Ratio	Lower	Upper
142	100		
141	93.8	73.0	109.4

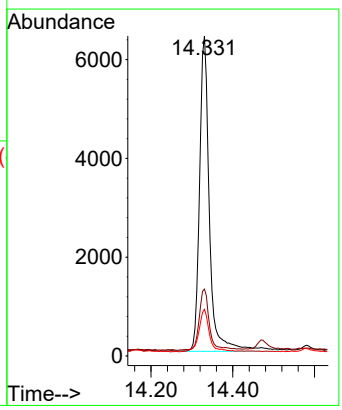


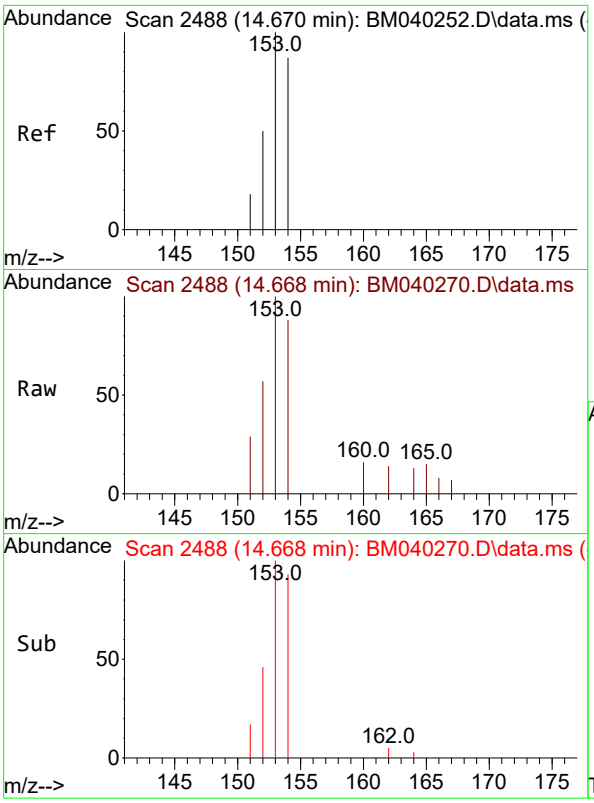


#10
Acenaphthylene
Concen: 0.190 ng/ul
RT: 14.331 min Scan# 2415
Delta R.T. -0.001 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45

Tgt Ion:152 Resp: 10747

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	14.6	10.7	16.1



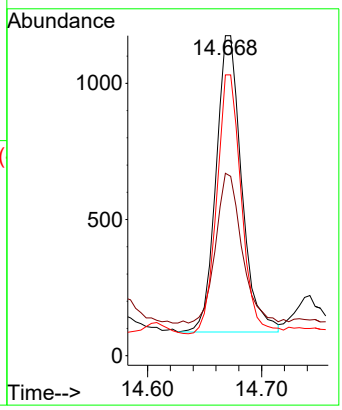


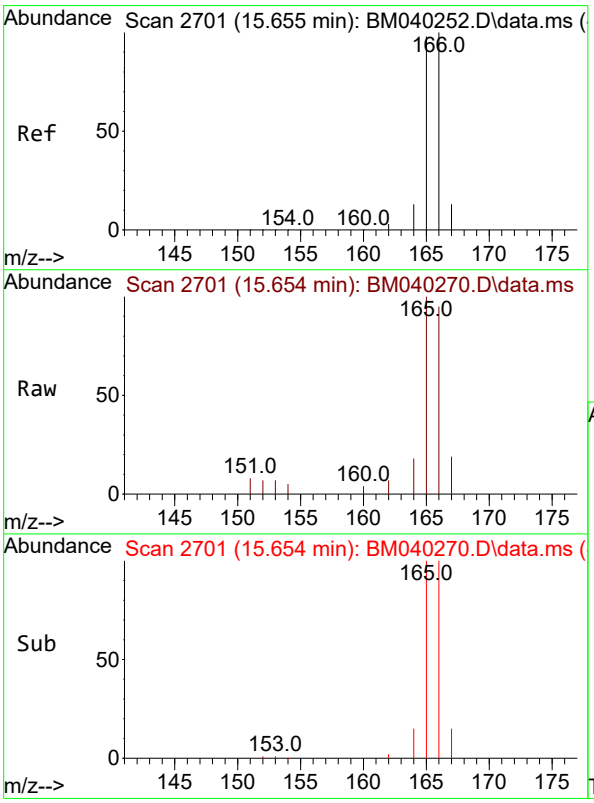
#11
Acenaphthene
Concen: 0.035 ng/ul
RT: 14.668 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45

Instrument :
BNA_M
ClientSampleId :
DCFR9DL

Tgt Ion:153 Resp: 1700

Ion	Ratio	Lower	Upper
153	100		
152	57.0	40.3	60.5
154	87.7	70.5	105.7

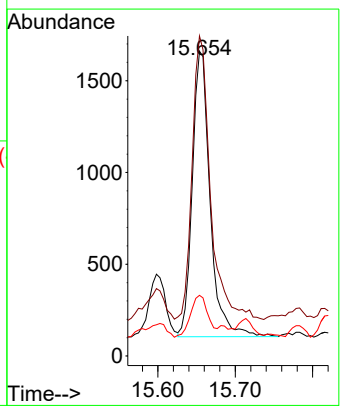


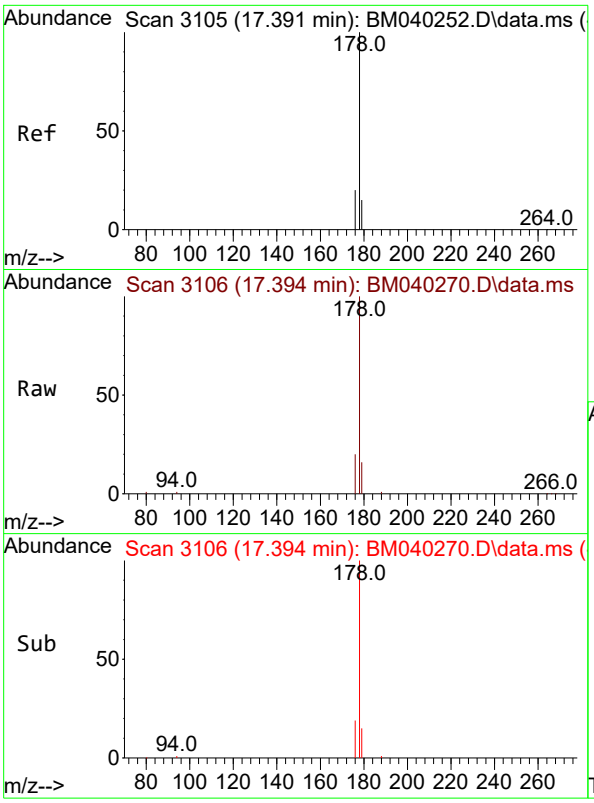


#12
Fluorene
Concen: 0.046 ng/ul
RT: 15.654 min Scan# 2701
Delta R.T. -0.006 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45

Tgt Ion:166 Resp: 2480

Ion	Ratio	Lower	Upper
166	100		
165	105.0	78.2	117.4
167	19.9	11.0	16.4#



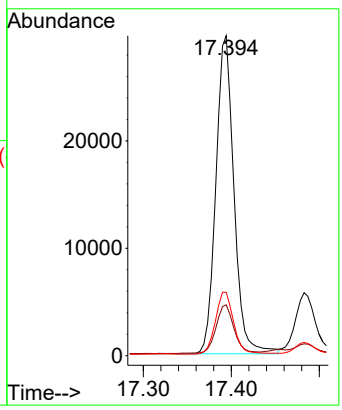


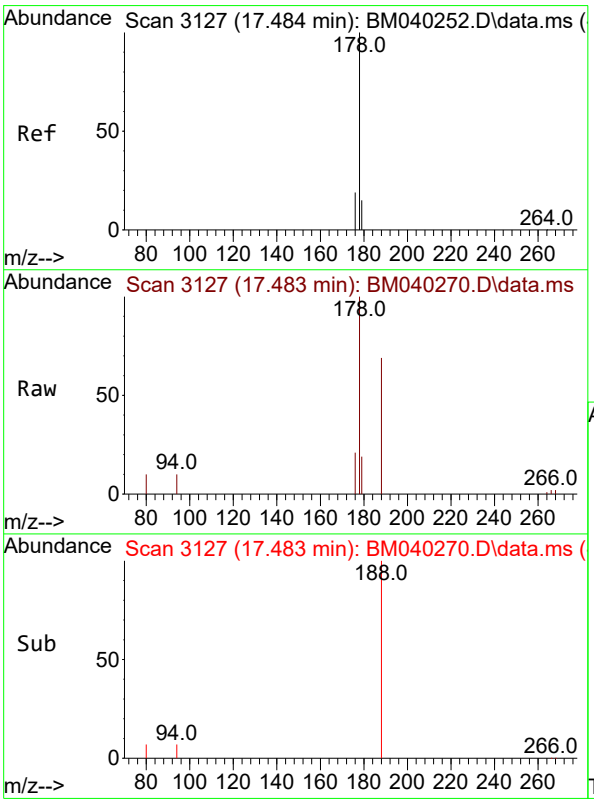
#15
Phenanthrene
Concen: 0.579 ng/ul
RT: 17.394 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45

Instrument :
BNA_M
ClientSampleId :
DCFR9DL

Tgt Ion:178 Resp: 42340

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	19.0
176	19.8	16.1	24.1

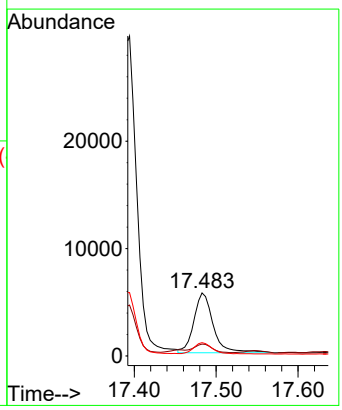


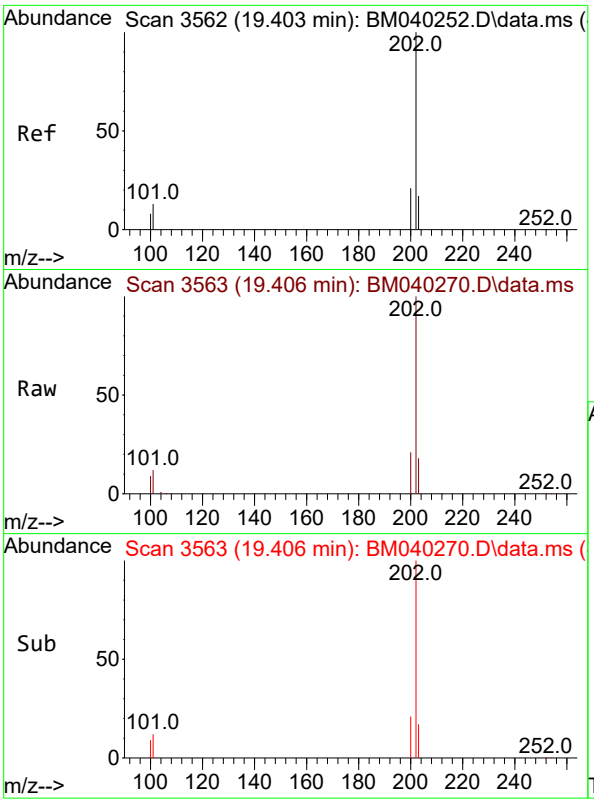


#16
Anthracene
Concen: 0.148 ng/ul
RT: 17.483 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45

Tgt Ion:178 Resp: 9163

Ion	Ratio	Lower	Upper
178	100		
179	18.8	13.0	19.4
176	21.2	15.5	23.3



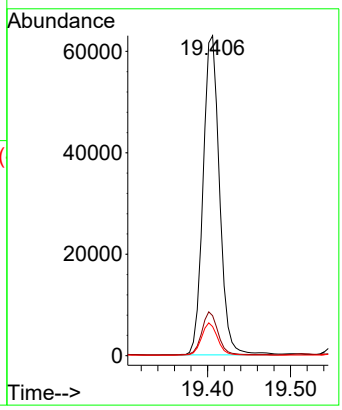


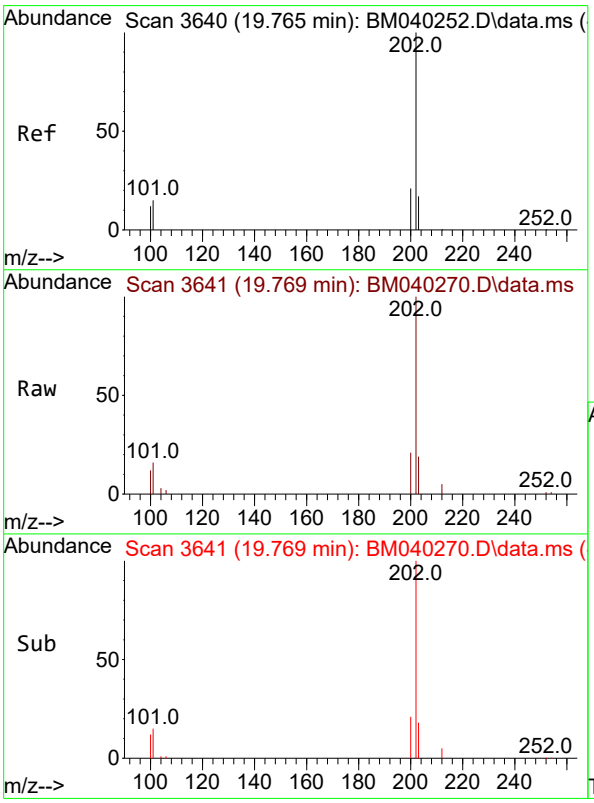
#19
Fluoranthene
Concen: 1.458 ng/ul
RT: 19.406 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45

Instrument :
BNA_M
ClientSampleId :
DCFR9DL

Tgt Ion:202 Resp: 86723

Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.2	15.4
100	9.1	7.6	11.4

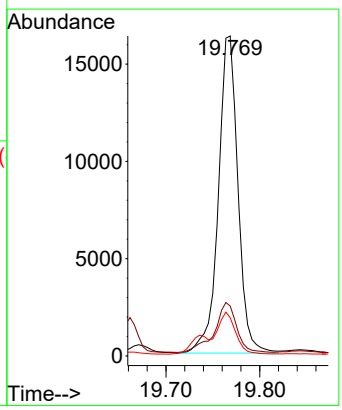


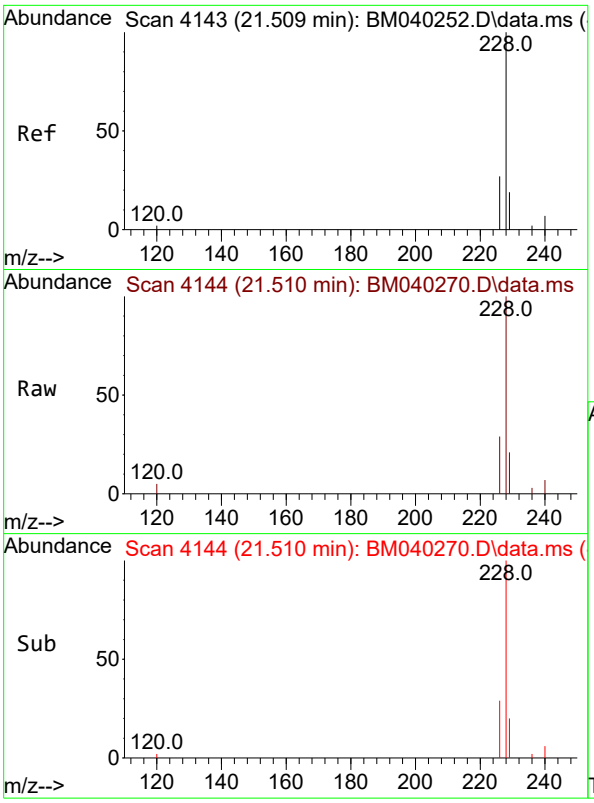


#20
Pyrene
Concen: 0.383 ng/ul
RT: 19.769 min Scan# 3641
Delta R.T. -0.001 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45

Tgt Ion:202 Resp: 23661

Ion	Ratio	Lower	Upper
202	100		
101	15.6	11.8	17.8
100	12.0	9.3	13.9



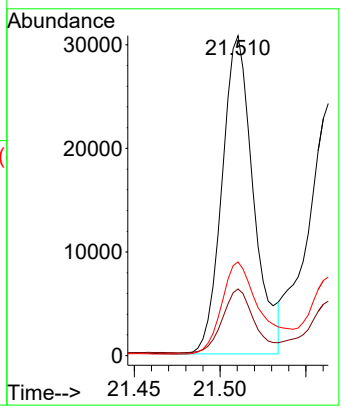


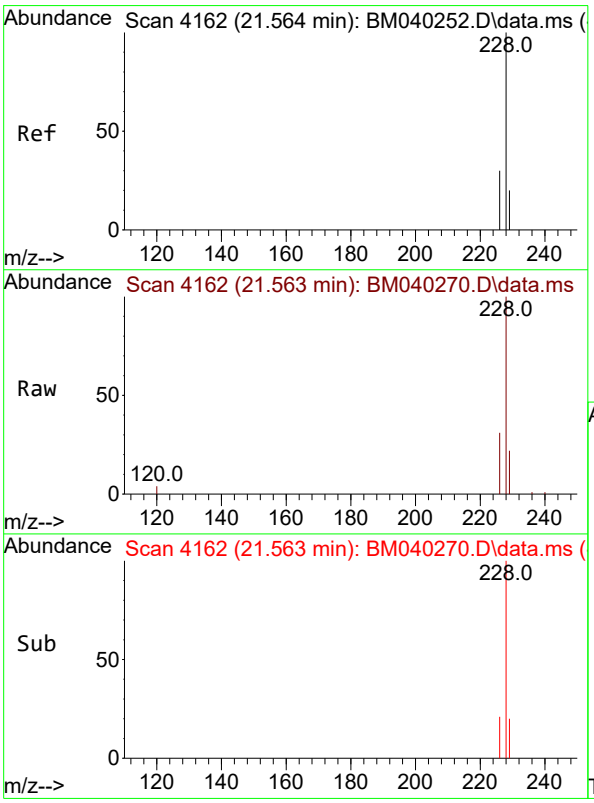
#21
Benzo(a)anthracene
Concen: 0.759 ng/ul
RT: 21.510 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45

Instrument :
BNA_M
ClientSampleId :
DCFR9DL

Tgt Ion:228 Resp: 39144

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.8
226	29.3	22.0	33.0

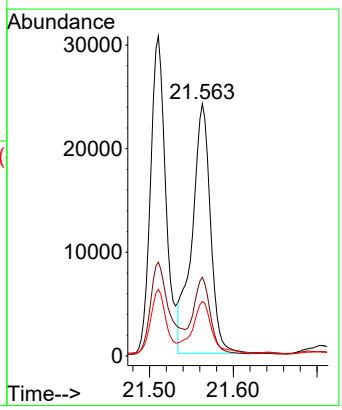


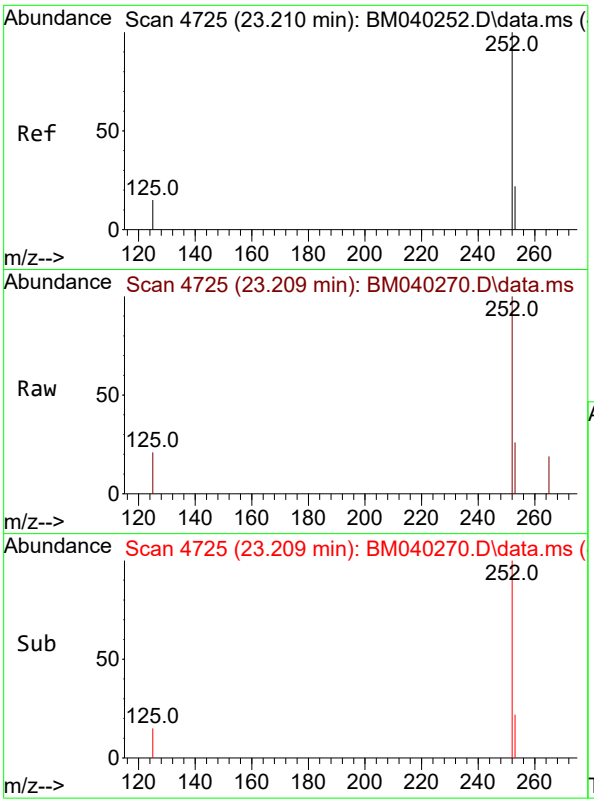


#22
Chrysene
Concen: 0.678 ng/ul
RT: 21.563 min Scan# 4162
Delta R.T. -0.007 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45

Tgt Ion:228 Resp: 36913

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.3	36.5
229	21.6	15.7	23.5



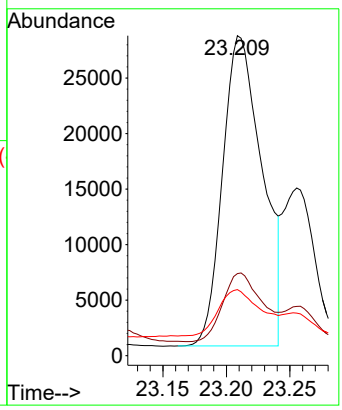


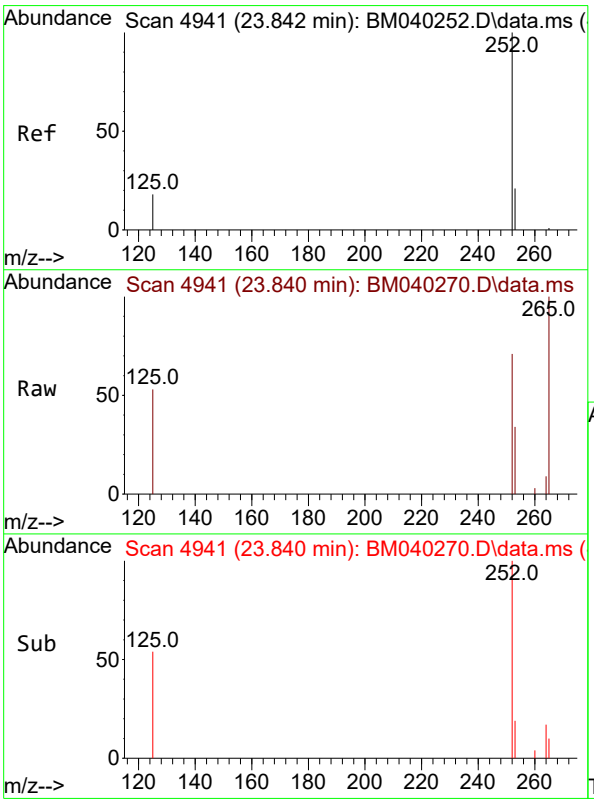
#24
Benzo(b)fluoranthene
Concen: 0.870 ng/ul
RT: 23.209 min Scan# 4
Delta R.T. -0.007 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45

Instrument :
BNA_M
ClientSampleId :
DCFR9DL

Tgt Ion:252 Resp: 60668

Ion	Ratio	Lower	Upper
252	100		
253	25.7	0.0	52.4
125	20.6	0.0	38.4

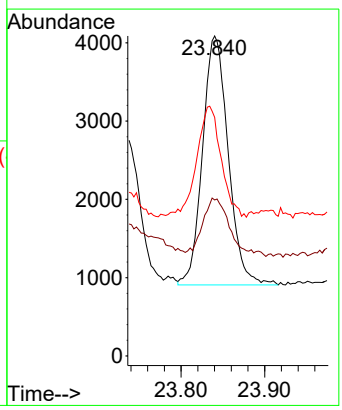


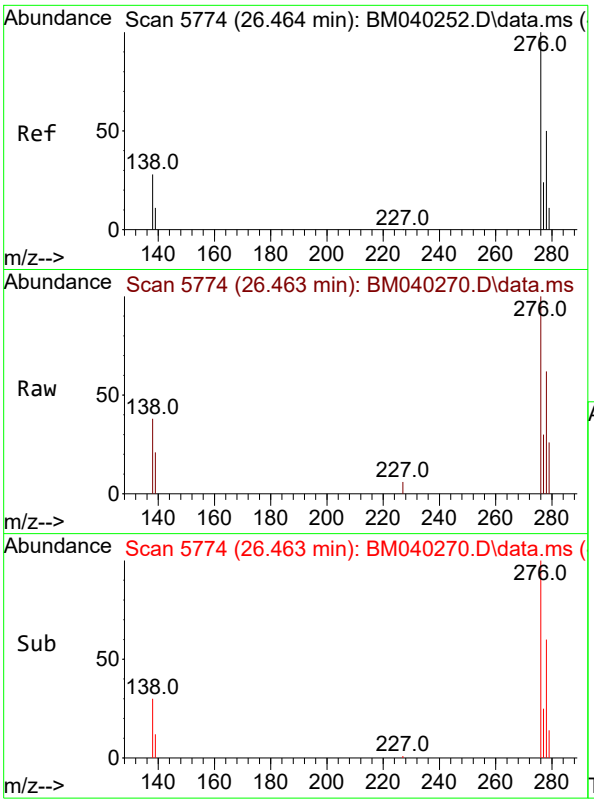


#26
Benzo(a)pyrene
Concen: 0.118 ng/ul
RT: 23.840 min Scan# 4941
Delta R.T. -0.010 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45

Tgt Ion:252 Resp: 6775

Ion	Ratio	Lower	Upper
252	100		
253	48.7	23.4	35.0#
125	74.6	19.7	29.5#



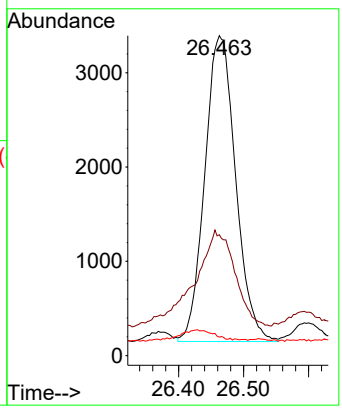


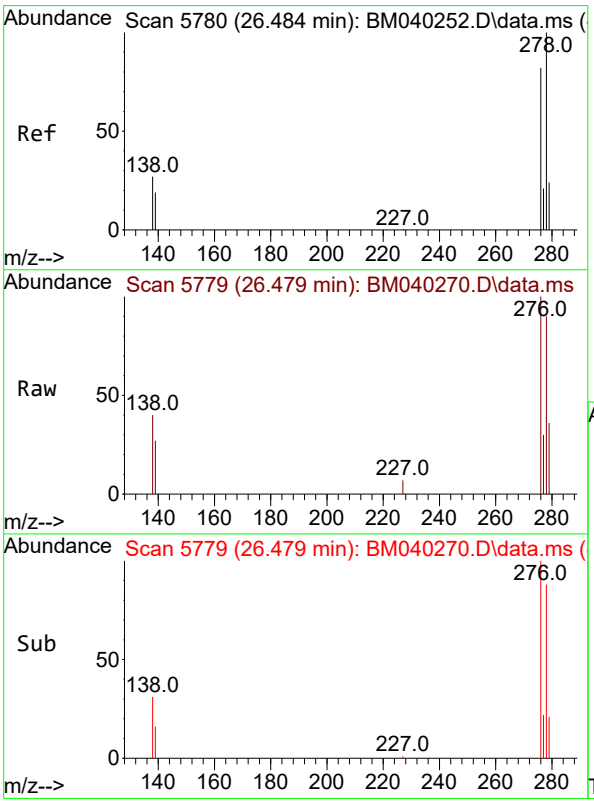
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.148 ng/ul
RT: 26.463 min Scan# 5
Delta R.T. -0.015 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45

Instrument :
BNA_M
ClientSampleId :
DCFR9DL

Tgt Ion:276 Resp: 10702

Ion	Ratio	Lower	Upper
276	100		
138	42.3	23.3	34.9#
227	0.0	0.1	0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.145 ng/ul
RT: 26.479 min Scan# 5779
Delta R.T. -0.018 min
Lab File: BM040270.D
Acq: 15 Jun 2023 21:45

Tgt Ion:278 Resp: 8446

Ion	Ratio	Lower	Upper
278	100		
139	29.8	16.4	24.6#
279	40.3	21.8	32.8#