Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
Data File : BM040384.D
Acq On : 23 Jun 2023 20:25
Operator : MA/JU
Sample : 03088-04DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFR0DL

Quant Time: Jun 24 01:38:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	3131	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	11567	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.591	164	5782	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	11474	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	8530	0.400	ng/ul	# 0.00
23) Perylene-d12	23.929	264	7117	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	6852	1.393	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	1657	0.102	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	2848	0.104	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.806	128	2155	0.068	ng/ul#	81
7) 2-Methylnaphthalene	12.422	142	1903	0.102	ng/ul	98
8) 1-Methylnaphthalene	12.637	142	1435	0.077	ng/ul	100
10) Acenaphthylene	14.309	152	1325	0.051	ng/ul#	69
11) Acenaphthene	14.651	153	509	0.023	ng/ul#	90
12) Fluorene	15.637	166	537	0.023	ng/ul#	77
15) Phenanthrene	17.374	178	13628	0.382	ng/ul	98
16) Anthracene	17.467	178	2307	0.077	ng/ul#	79
19) Fluoranthene	19.389	202	38129	1.052	ng/ul	98
20) Pyrene	19.751	202	10959	0.282	ng/ul	95
21) Benzo(a)anthracene	21.497	228	22727	0.788	ng/ul	98
22) Chrysene	21.550	228	26102	0.793	ng/ul	98
24) Benzo(b)fluoranthene	23.189	252	45649	1.657	ng/ul	96
26) Benzo(a)pyrene	23.818	252	3610	0.146	ng/ul#	7
27) Indeno(1,2,3-cd)pyrene	26.430	276	6287	0.182	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.440	278	5984	0.221	ng/ul#	72

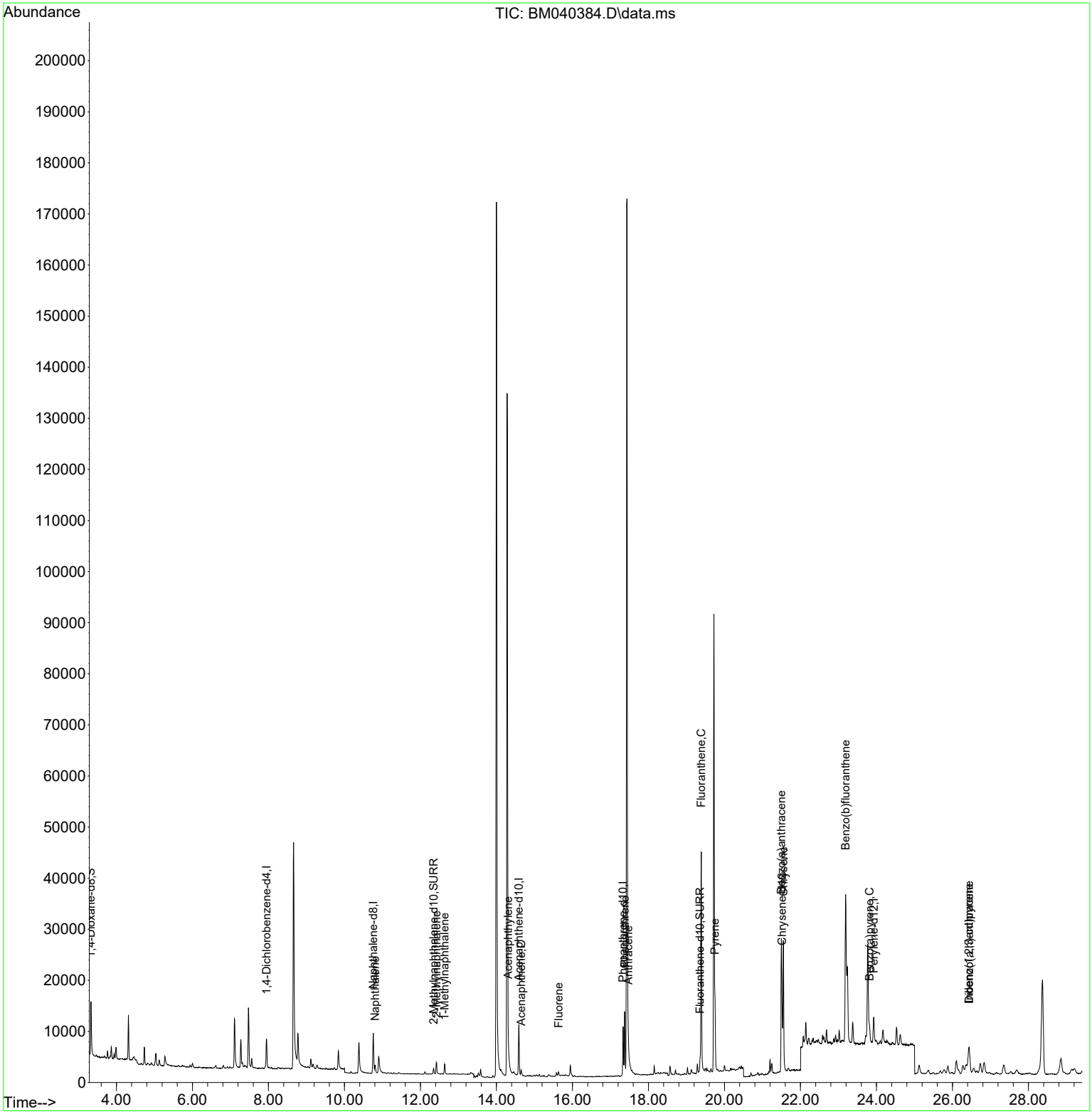
(#) = qualifier out of range (m) = manual integration (+) = signals summed

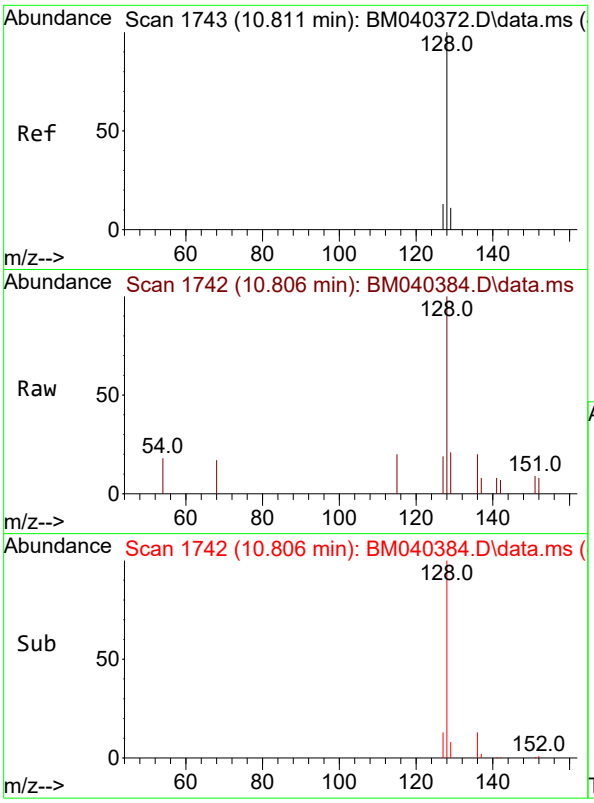
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
Data File : BM040384.D
Acq On : 23 Jun 2023 20:25
Operator : MA/JU
Sample : 03088-04DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFR0DL

Quant Time: Jun 24 01:38:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration



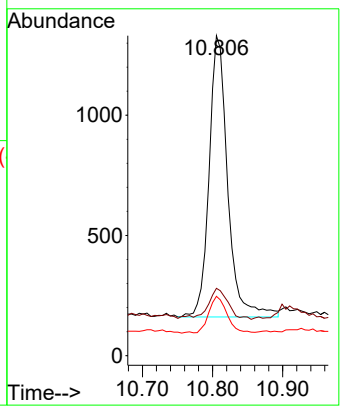


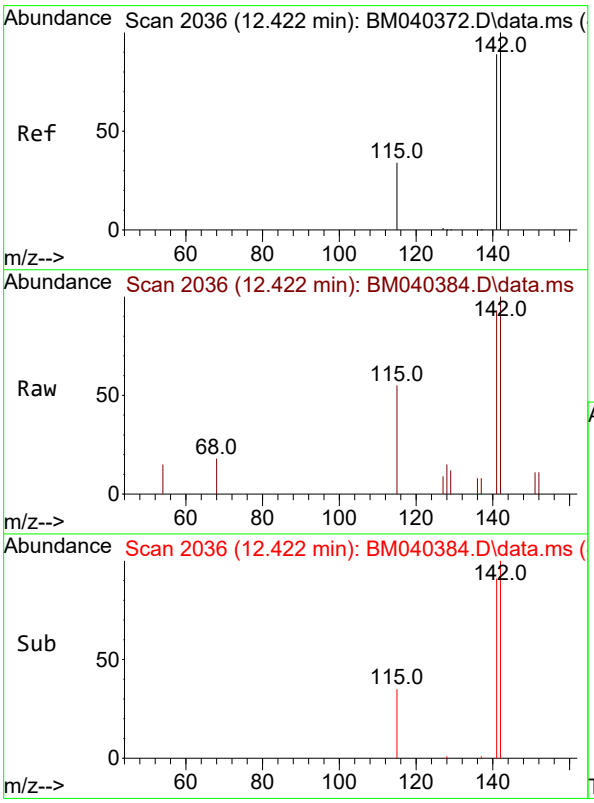
#5
Naphthalene
Concen: 0.068 ng/ul
RT: 10.806 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25

Instrument :
BNA_M
ClientSampleId :
DCFR0DL

Tgt Ion:128 Resp: 2155

Ion	Ratio	Lower	Upper
128	100		
129	21.0	9.2	13.8#
127	18.6	10.6	15.8#

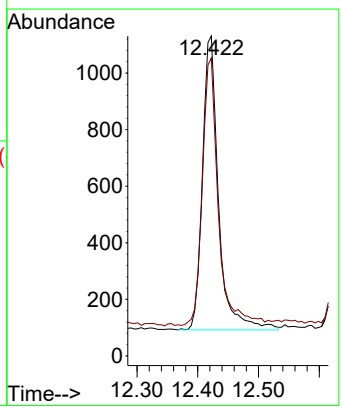


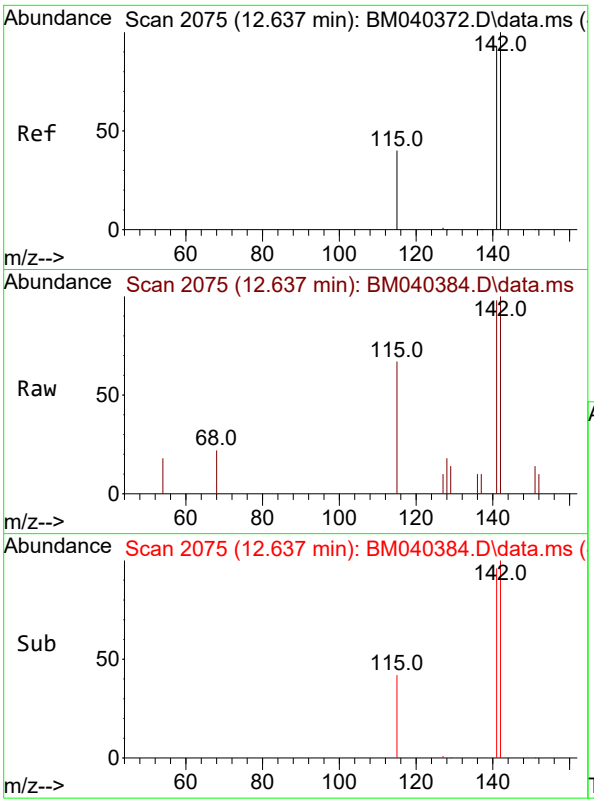


#7
2-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25

Tgt Ion:142 Resp: 1903

Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.9	107.9



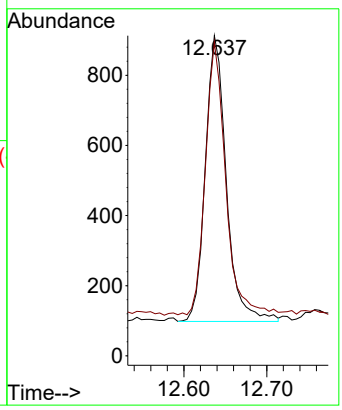


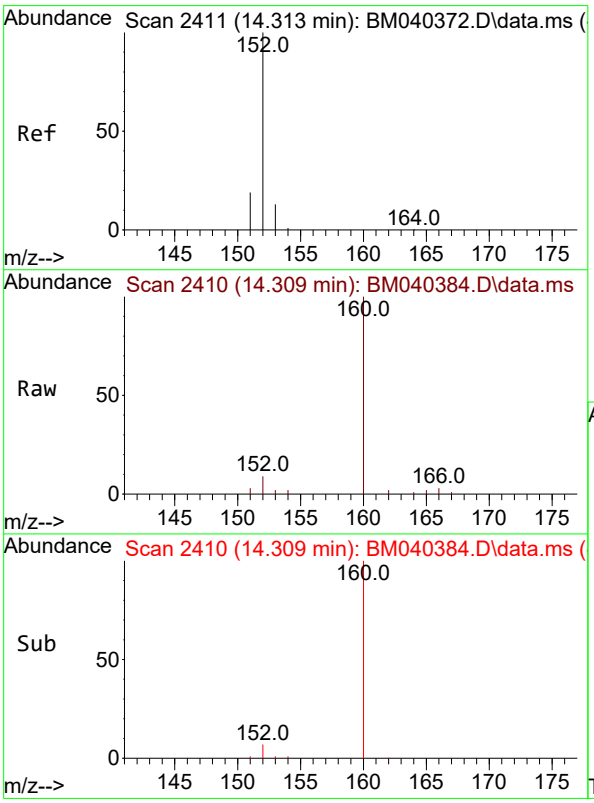
#8
1-Methylnaphthalene
Concen: 0.077 ng/ul
RT: 12.637 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25

Instrument :
BNA_M
ClientSampleId :
DCFR0DL

Tgt Ion:142 Resp: 1435

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.7	110.5

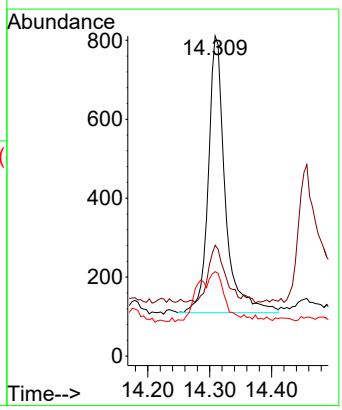


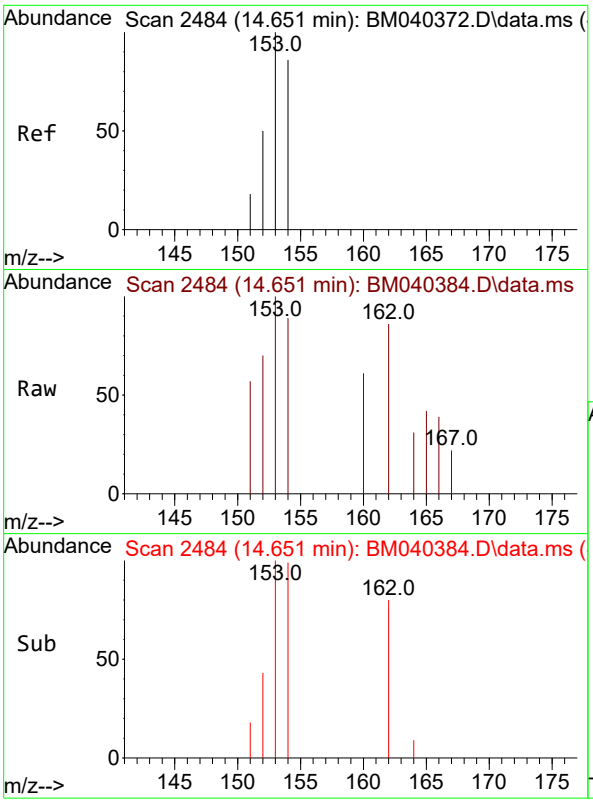


#10
Acenaphthylene
Concen: 0.051 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25

Tgt Ion:152 Resp: 1325

Ion	Ratio	Lower	Upper
152	100		
151	34.6	16.2	24.2#
153	26.4	10.9	16.3#



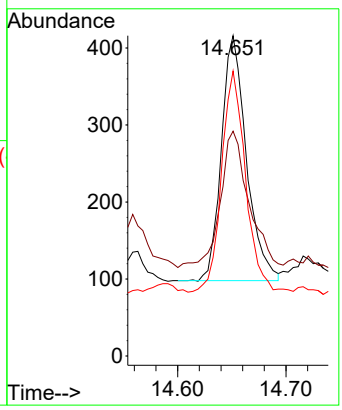


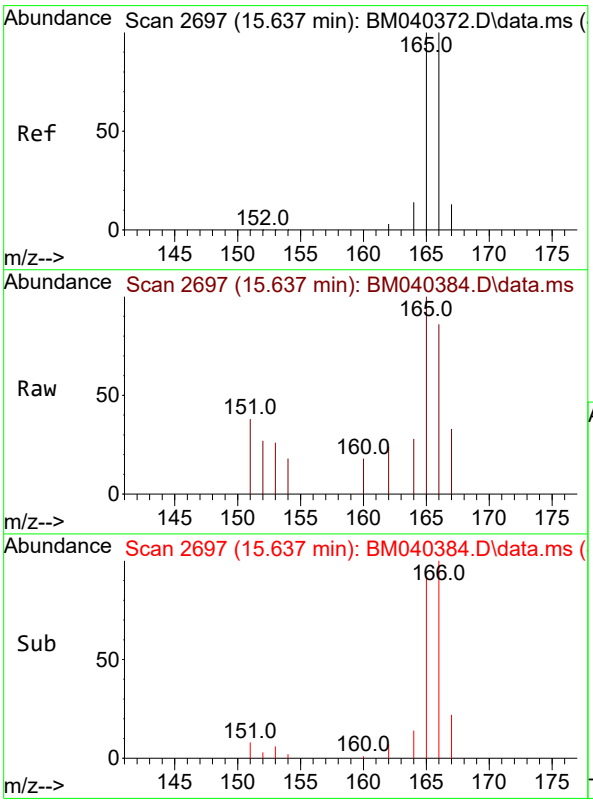
#11
Acenaphthene
Concen: 0.023 ng/ul
RT: 14.651 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25

Instrument :
BNA_M
ClientSampleId :
DCFR0DL

Tgt Ion:153 Resp: 509

Ion	Ratio	Lower	Upper
153	100		
152	70.2	41.0	61.4#
154	88.9	70.8	106.2

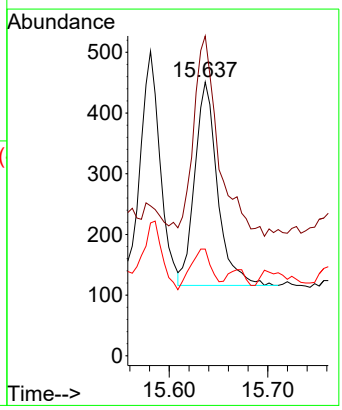


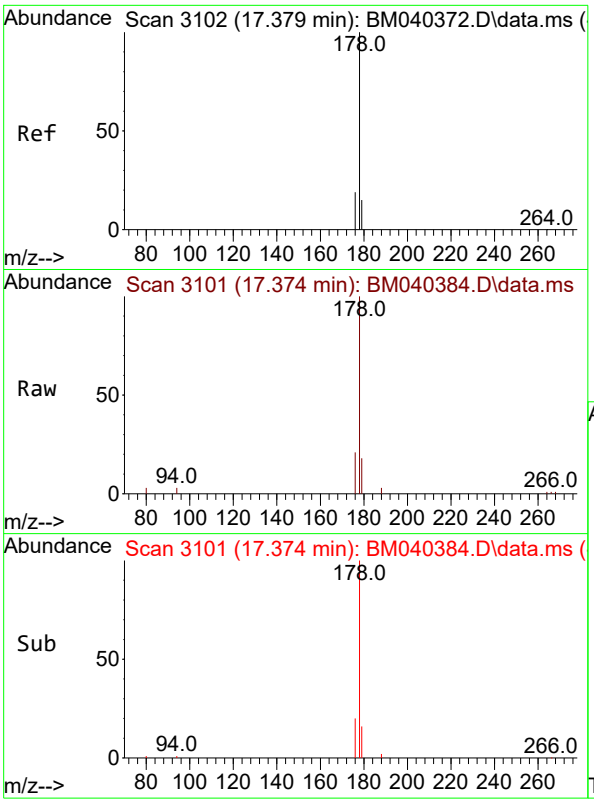


#12
Fluorene
Concen: 0.023 ng/ul
RT: 15.637 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25

Tgt Ion:166 Resp: 537

Ion	Ratio	Lower	Upper
166	100		
165	116.9	79.6	119.4
167	39.0	11.4	17.0#



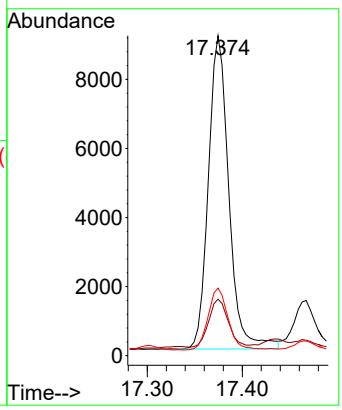


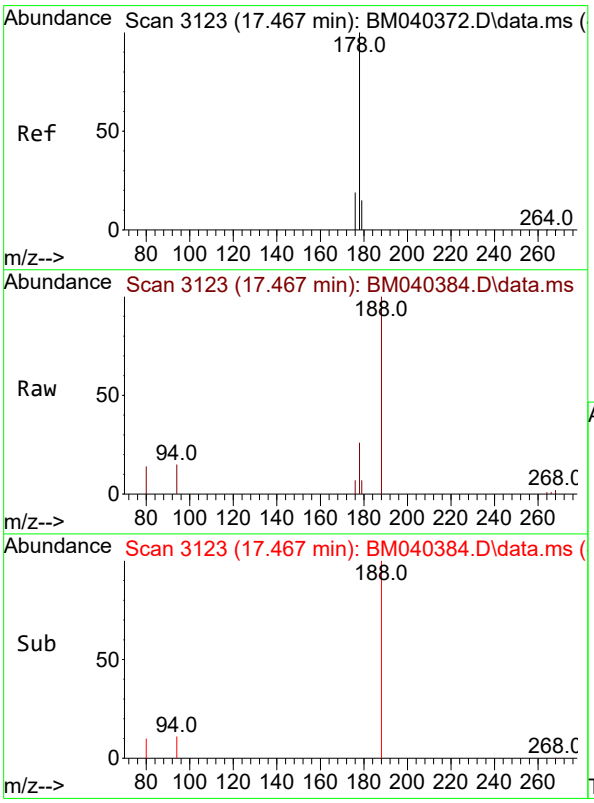
#15
Phenanthrene
Concen: 0.382 ng/ul
RT: 17.374 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25

Instrument :
BNA_M
ClientSampleId :
DCFR0DL

Tgt Ion:178 Resp: 13628

Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.8	19.2
176	21.1	16.4	24.6

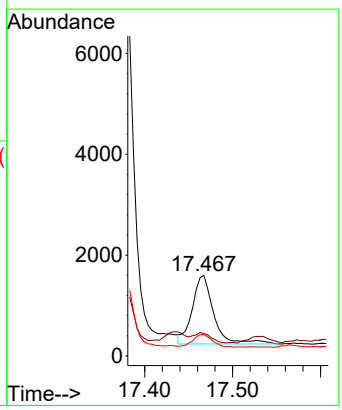


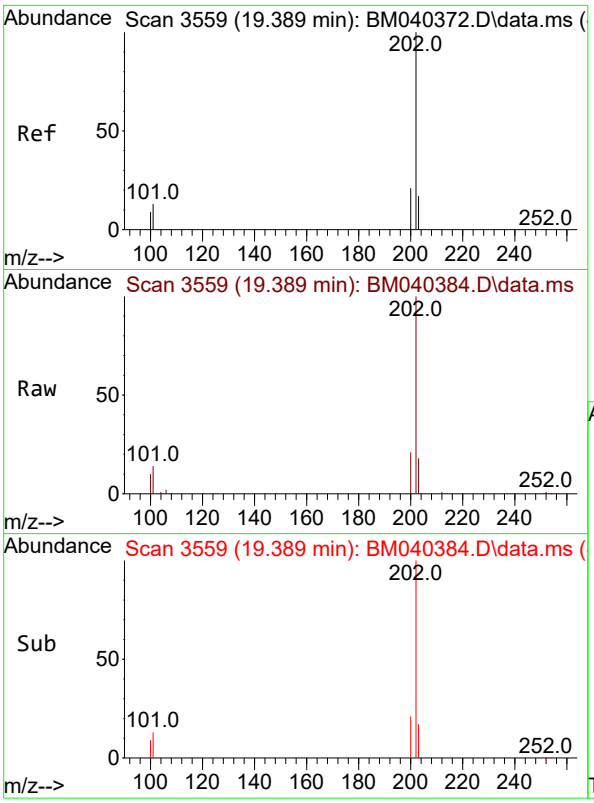


#16
Anthracene
Concen: 0.077 ng/ul
RT: 17.467 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25

Tgt Ion:178 Resp: 2307

Ion	Ratio	Lower	Upper
178	100		
179	27.9	12.9	19.3#
176	26.7	15.8	23.6#



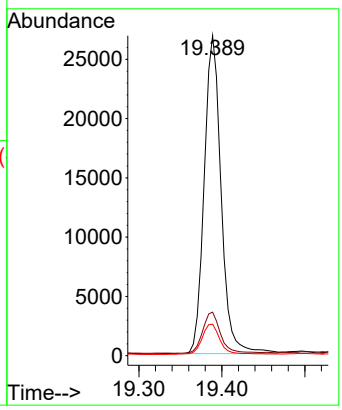


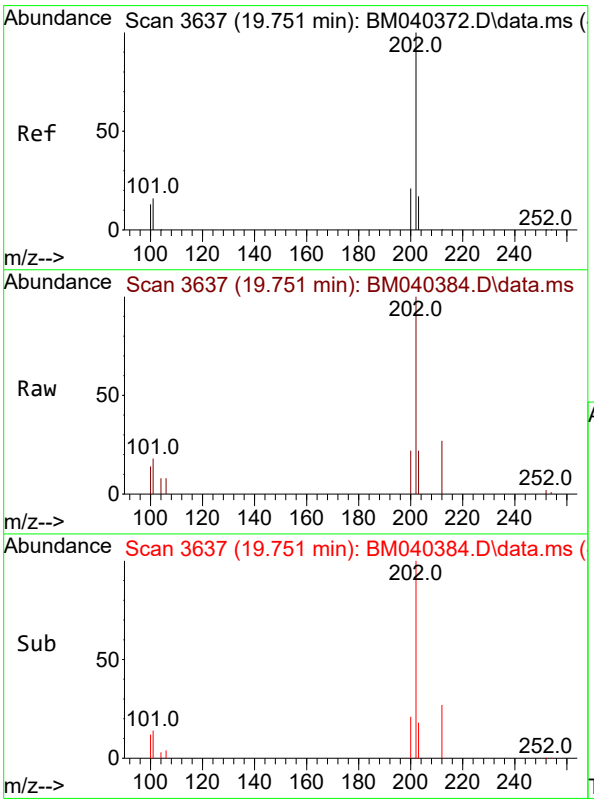
#19
Fluoranthene
Concen: 1.052 ng/ul
RT: 19.389 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25

Instrument :
BNA_M
ClientSampleId :
DCFR0DL

Tgt Ion:202 Resp: 38129

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.4	17.0
100	9.8	8.7	13.1

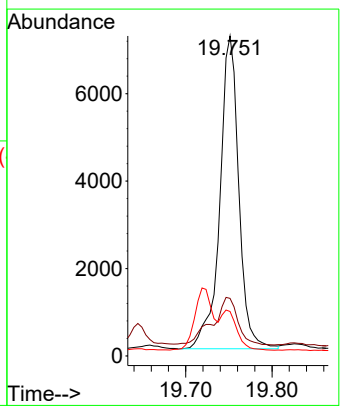


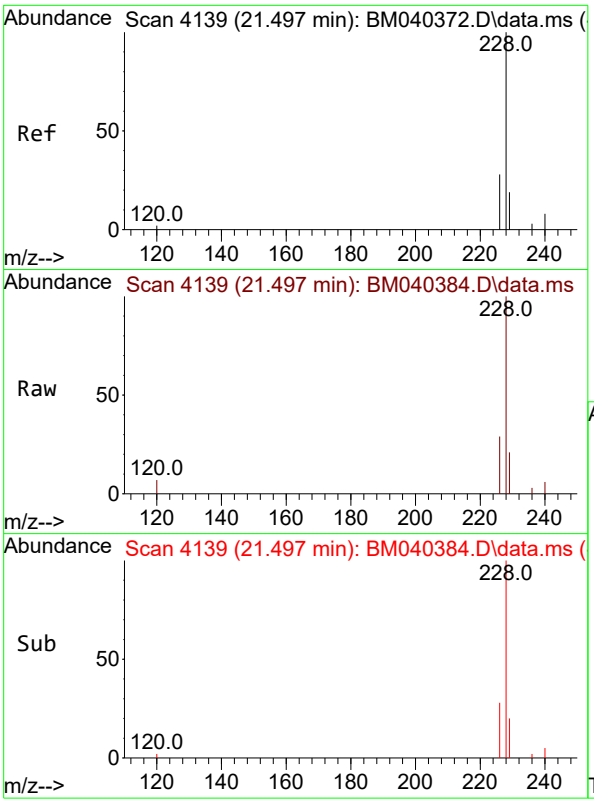


#20
Pyrene
Concen: 0.282 ng/ul
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25

Tgt Ion:202 Resp: 10959

Ion	Ratio	Lower	Upper
202	100		
101	18.0	12.6	18.8
100	13.9	9.8	14.6



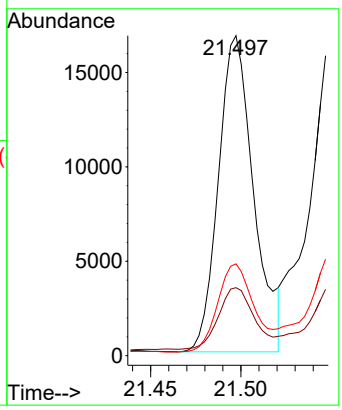


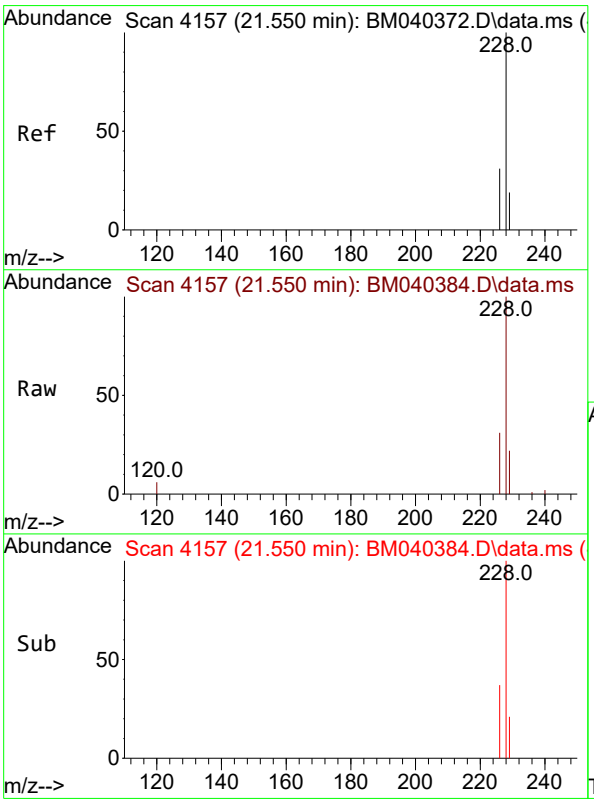
#21
Benzo(a)anthracene
Concen: 0.788 ng/ul
RT: 21.497 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25

Instrument :
BNA_M
ClientSampleId :
DCFR0DL

Tgt Ion:228 Resp: 22727

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.0	24.0
226	28.7	22.3	33.5

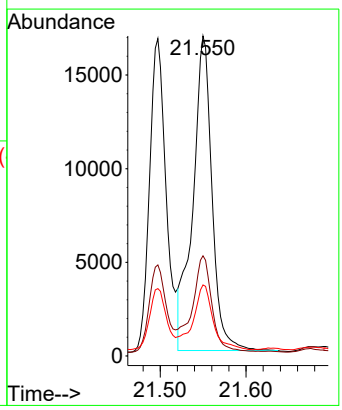


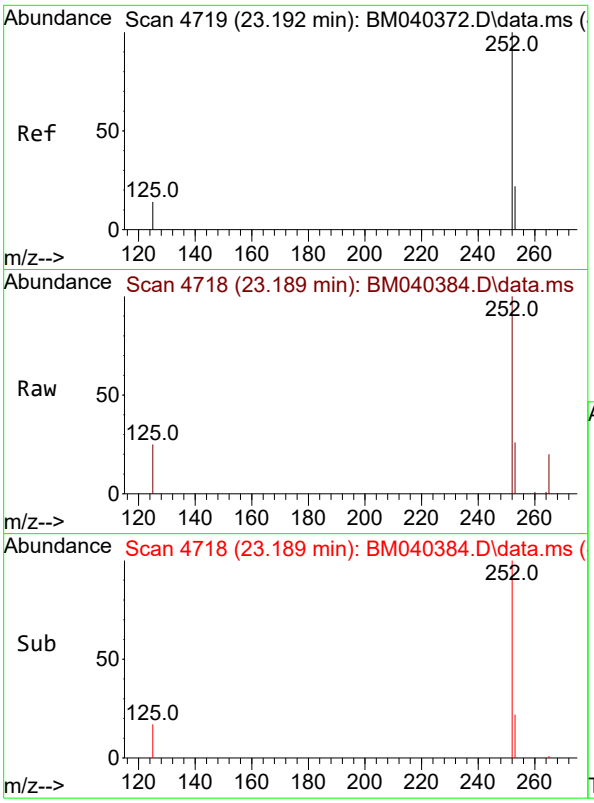


#22
Chrysene
Concen: 0.793 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25

Tgt Ion:228 Resp: 26102

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	22.2	15.8	23.6



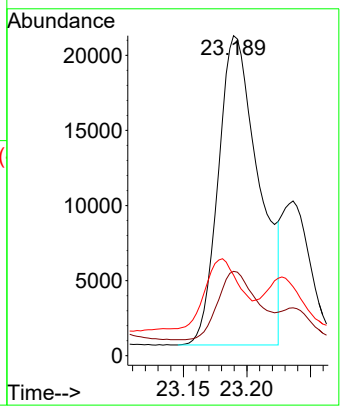


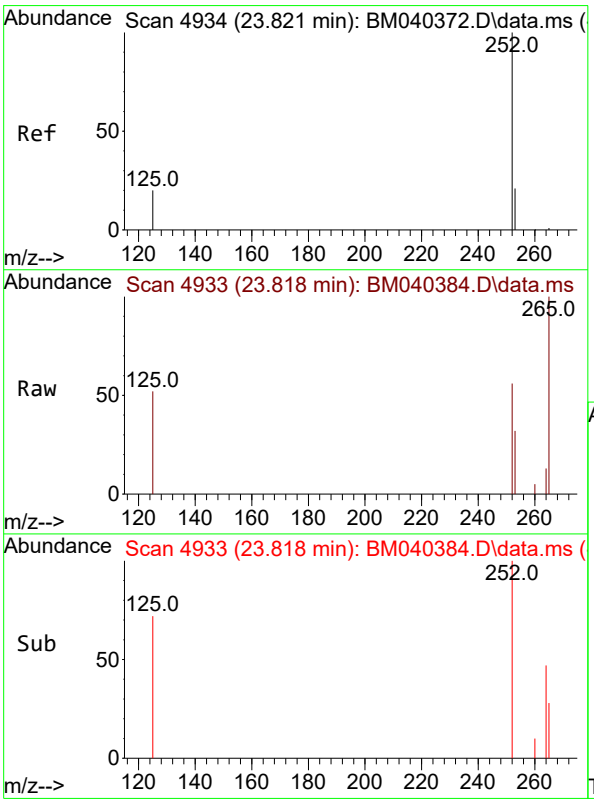
#24
Benzo(b)fluoranthene
Concen: 1.657 ng/ul
RT: 23.189 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25

Instrument :
BNA_M
ClientSampleId :
DCFR0DL

Tgt Ion:252 Resp: 45649

Ion	Ratio	Lower	Upper
252	100		
253	26.3	0.0	52.8
125	25.2	0.0	43.0

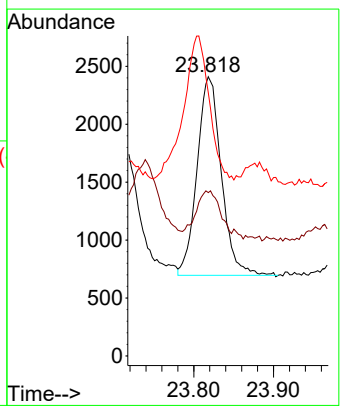


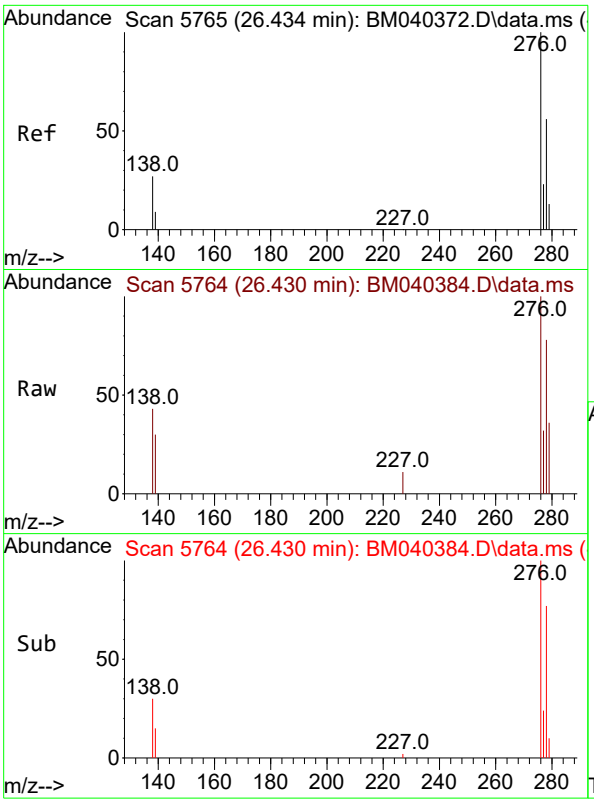


#26
Benzo(a)pyrene
Concen: 0.146 ng/ul
RT: 23.818 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25

Tgt Ion:252 Resp: 3610

Ion	Ratio	Lower	Upper
252	100		
253	58.5	22.9	34.3#
125	94.3	21.0	31.4#



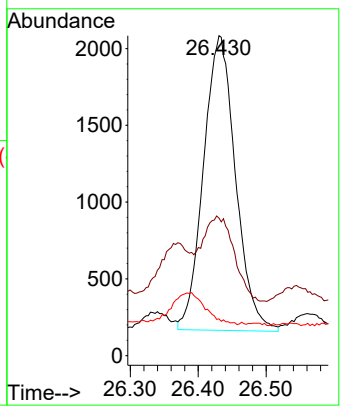


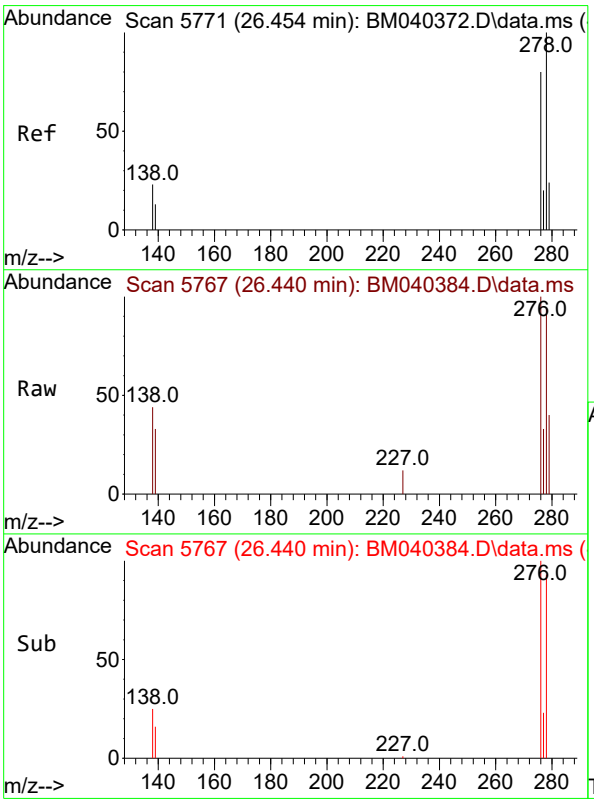
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.182 ng/ul
RT: 26.430 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25

Instrument :
BNA_M
ClientSampleId :
DCFR0DL

Tgt Ion:276 Resp: 6287

Ion	Ratio	Lower	Upper
276	100		
138	26.1	24.5	36.7
227	0.0	0.1	0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.221 ng/ul
RT: 26.440 min Scan# 5767
Delta R.T. -0.013 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25

Tgt Ion:278 Resp: 5984

Ion	Ratio	Lower	Upper
278	100		
139	35.3	17.9	26.9#
279	42.4	22.0	33.0#