Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
Data File : BM037672.D
Acq On : 23 Nov 2022 10:06
Operator : CG/JU
Sample : N5591-17
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C9829

Quant Time: Nov 24 01:48:37 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 22:36:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.125	152	8695	0.400	ng/ul	0.00
4) Naphthalene-d8	10.942	136	26519	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.742	164	15929	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.475	188	35235	0.400	ng/ul	0.00
17) Chrysene-d12	21.636	240	24861	0.400	ng/ul	# 0.00
23) Perylene-d12	24.124	264	23650	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.446	96	38020	3.761	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.520	152	8180	0.186	ng/ul	0.00
18) Fluoranthene-d10	19.490	212	19303	0.235	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.997	128	1921	0.024	ng/ul#	87
15) Phenanthrene	17.517	178	5180	0.043	ng/ul#	93
19) Fluoranthene	19.518	202	8446	0.070	ng/ul#	91
20) Pyrene	19.880	202	7051	0.057	ng/ul#	85
21) Benzo(a)anthracene	21.619	228	2986	0.027	ng/ul#	92
22) Chrysene	21.674	228	3629	0.033	ng/ul#	94
24) Benzo(b)fluoranthene	23.361	252	4841	0.045	ng/ul#	5

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

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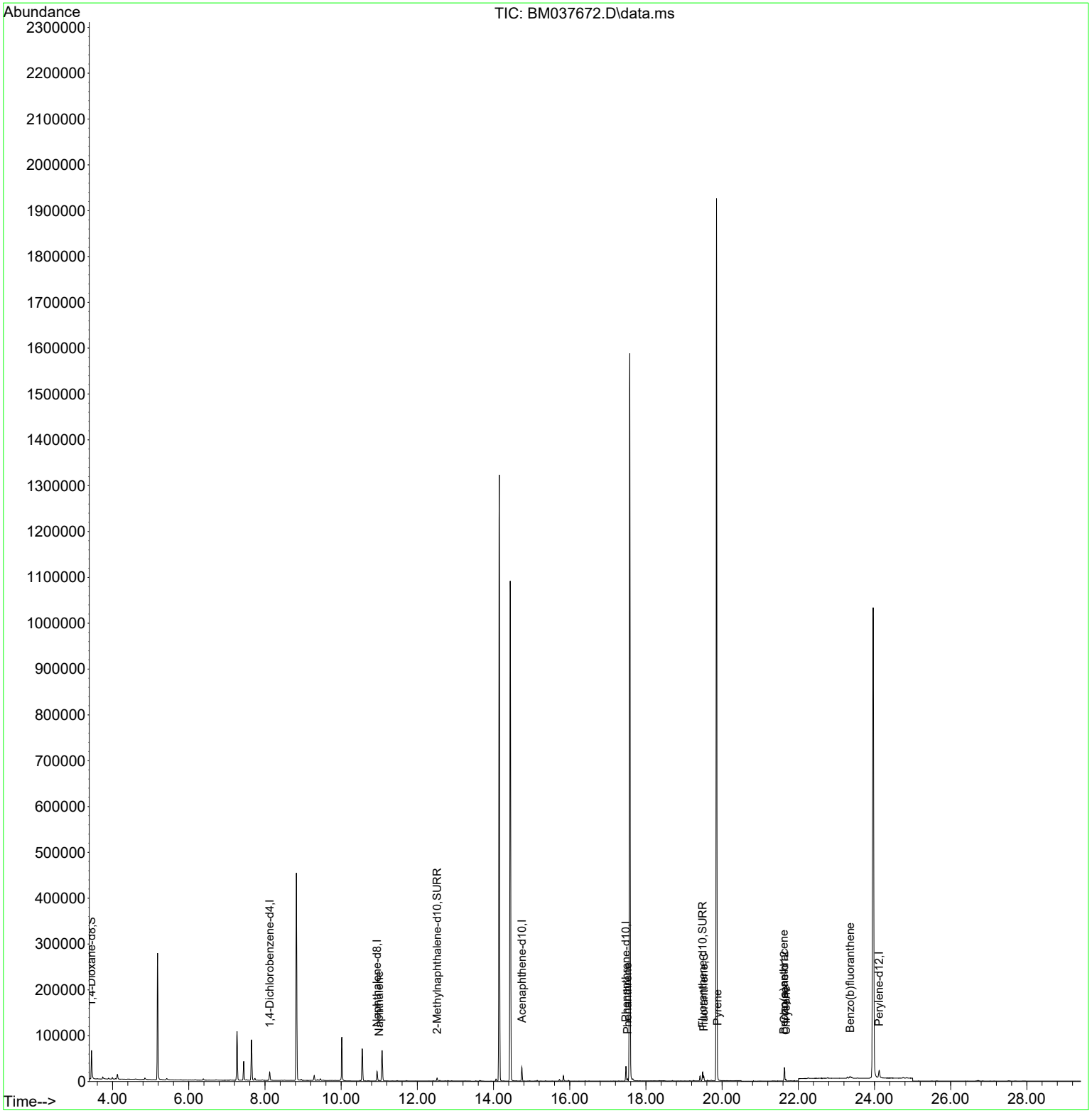
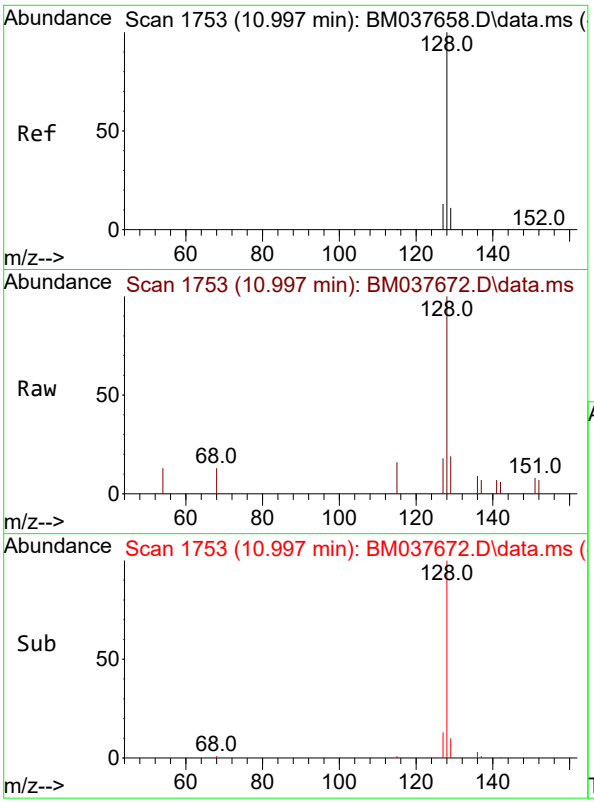


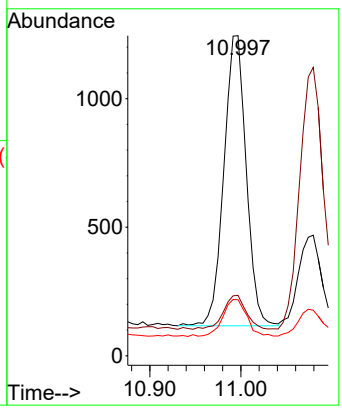


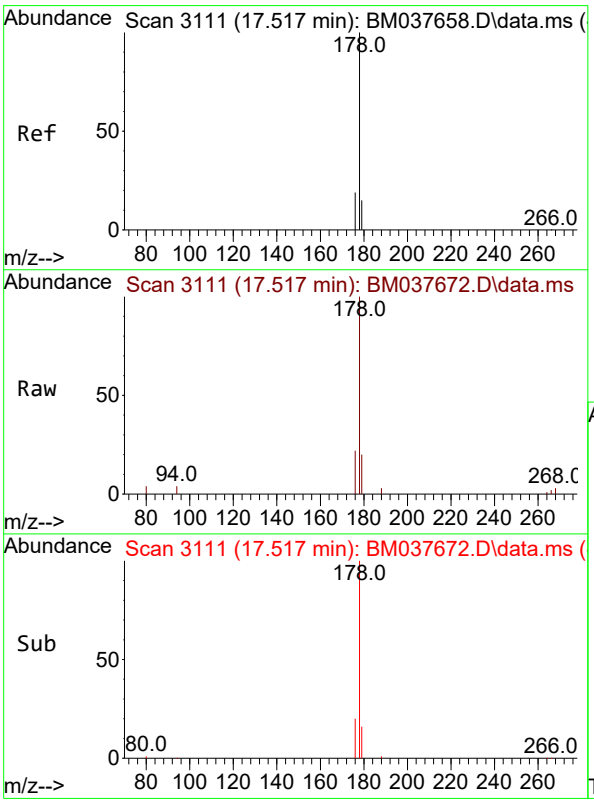
#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.997 min Scan# 1
Delta R.T. -0.004 min
Lab File: BM037672.D
Acq: 23 Nov 2022 10:06

Instrument :
BNA_M
ClientSampleId :
C9829

Tgt Ion:128 Resp: 1921

Ion	Ratio	Lower	Upper
128	100		
129	18.9	9.8	14.8#
127	17.5	11.0	16.4#

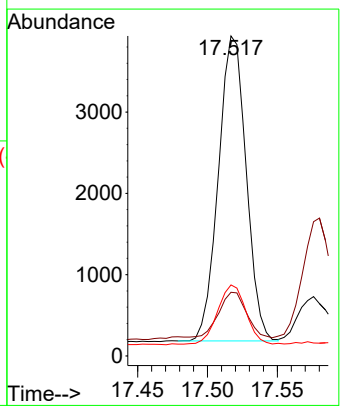


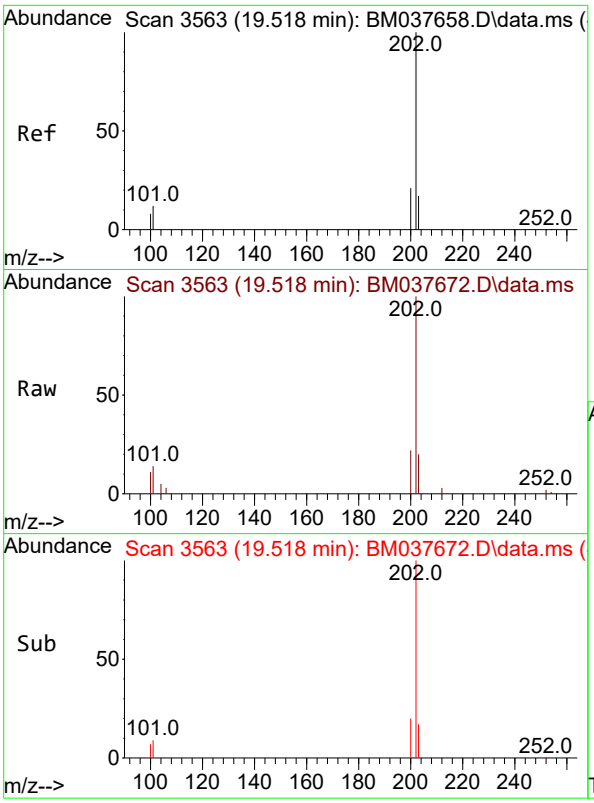


#15
Phenanthrene
Concen: 0.043 ng/ul
RT: 17.517 min Scan# 3111
Delta R.T. -0.007 min
Lab File: BM037672.D
Acq: 23 Nov 2022 10:06

Tgt Ion:178 Resp: 5180

Ion	Ratio	Lower	Upper
178	100		
179	19.9	12.6	18.8#
176	22.2	16.0	24.0



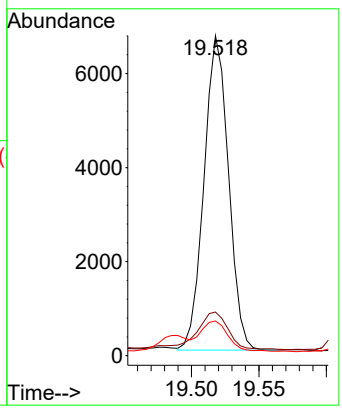


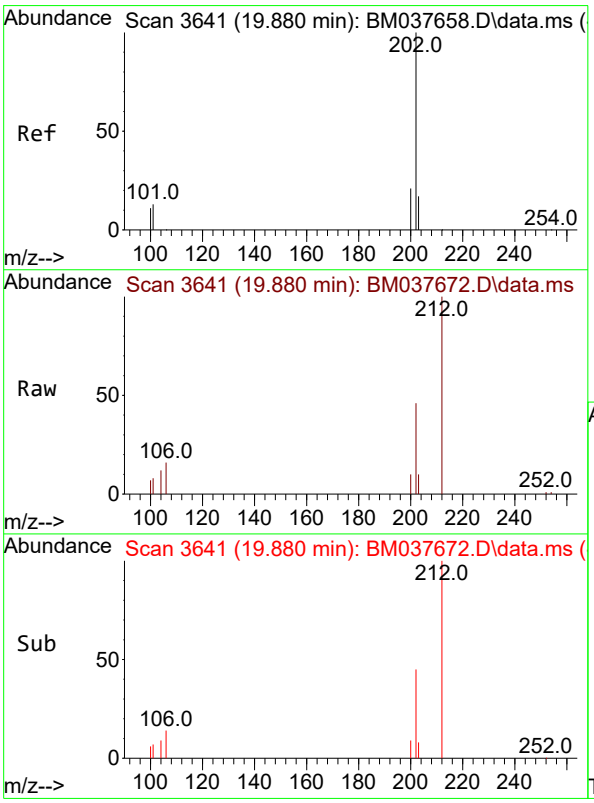
#19
Fluoranthene
Concen: 0.070 ng/ul
RT: 19.518 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM037672.D
Acq: 23 Nov 2022 10:06

Instrument :
BNA_M
ClientSampleId :
C9829

Tgt Ion:202 Resp: 8446

Ion	Ratio	Lower	Upper
202	100		
101	13.7	8.2	12.2#
100	10.9	6.1	9.1#

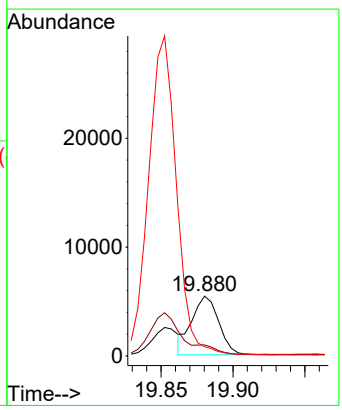


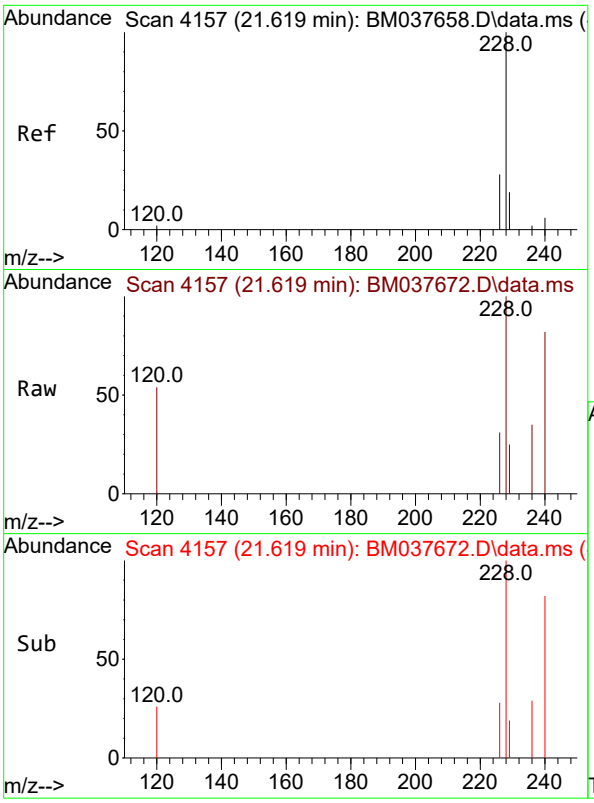


#20
Pyrene
Concen: 0.057 ng/ul
RT: 19.880 min Scan# 3641
Delta R.T. -0.003 min
Lab File: BM037672.D
Acq: 23 Nov 2022 10:06

Tgt Ion:202 Resp: 7051

Ion	Ratio	Lower	Upper
202	100		
101	18.3	10.1	15.1#
100	15.5	8.0	12.0#





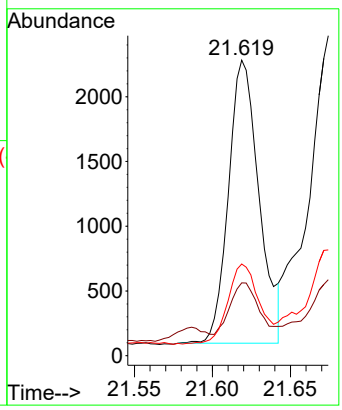
#21
Benzo(a)anthracene
Concen: 0.027 ng/ul
RT: 21.619 min Scan# 4

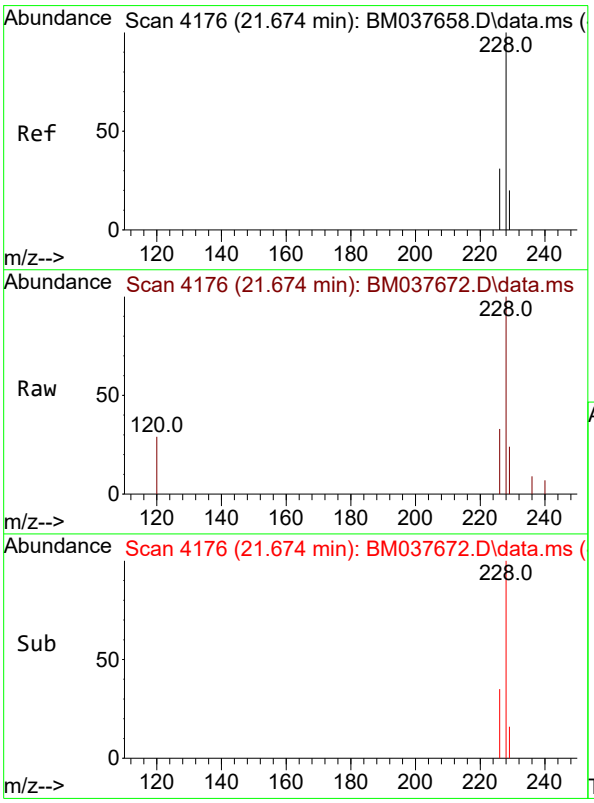
Instrument :
BNA_M
ClientSampleId :
C9829

Delta R.T. -0.003 min
Lab File: BM037672.D
Acq: 23 Nov 2022 10:06

Tgt Ion:228 Resp: 2986

Ion	Ratio	Lower	Upper
228	100		
229	24.7	15.7	23.5#
226	31.0	22.2	33.2

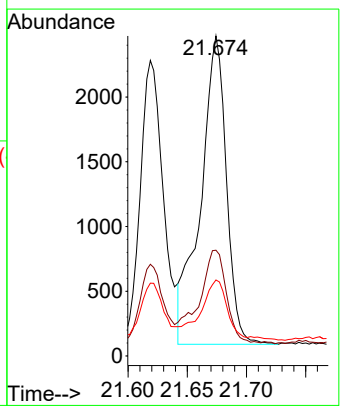


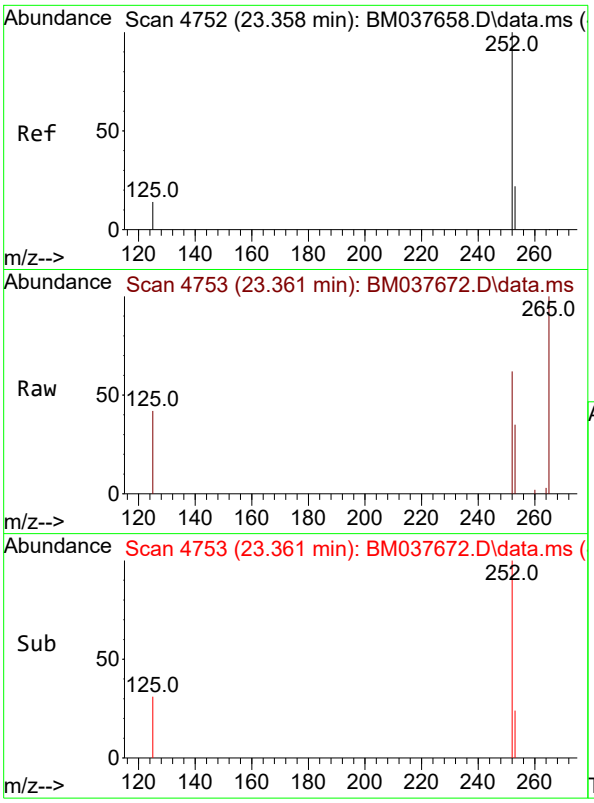


#22
Chrysene
Concen: 0.033 ng/ul
RT: 21.674 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BM037672.D
Acq: 23 Nov 2022 10:06

Tgt Ion:228 Resp: 3629

Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.6	37.0
229	23.7	15.5	23.3#





#24
Benzo(b)fluoranthene
Concen: 0.045 ng/ul
RT: 23.361 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM037672.D
Acq: 23 Nov 2022 10:06

Instrument :
BNA_M
ClientSampleId :
C9829

Tgt Ion:252 Resp: 4841

Ion	Ratio	Lower	Upper
252	100		
253	56.2	0.0	46.2#
125	68.9	0.0	23.4#