Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022520\
Data File : BM025046.D
Acq On : 25 Feb 2020 16:26
Operator : CG/JU
Sample : L1486-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBCW3

Manual Integrations APPROVED
mohammad
2/26/2020 6:48:48 AM

Quant Time: Feb 25 17:02:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 25 11:03:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	2520	0.40	ng/ul	0.00
2) Naphthalene-d8	10.47	136	10547	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.32	164	7325	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	16553m	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	16941	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	18809	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	5458	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	16132	0.28	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.52	128	1141	0.036	ng/ul#	91
5) 2-Methylnaphthalene	12.14	142	1037	0.045	ng/ul	99
8) Acenaphthene	14.39	153	16480	0.581	ng/ul	97
9) Fluorene	15.37	166	52733	1.481	ng/ul#	97
12) Phenanthrene	17.11	178	26110	0.448	ng/ul	96
13) Anthracene	17.20	178	20352	0.361	ng/ul	96
15) Fluoranthene	19.13	202	142182	1.681	ng/ul	96
17) Pyrene	19.49	202	77083	1.010	ng/ul	97
18) Benzo(a)anthracene	21.24	228	8371	0.114	ng/ul	98
19) Chrysene	21.28	228	9028	0.124	ng/ul	98

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

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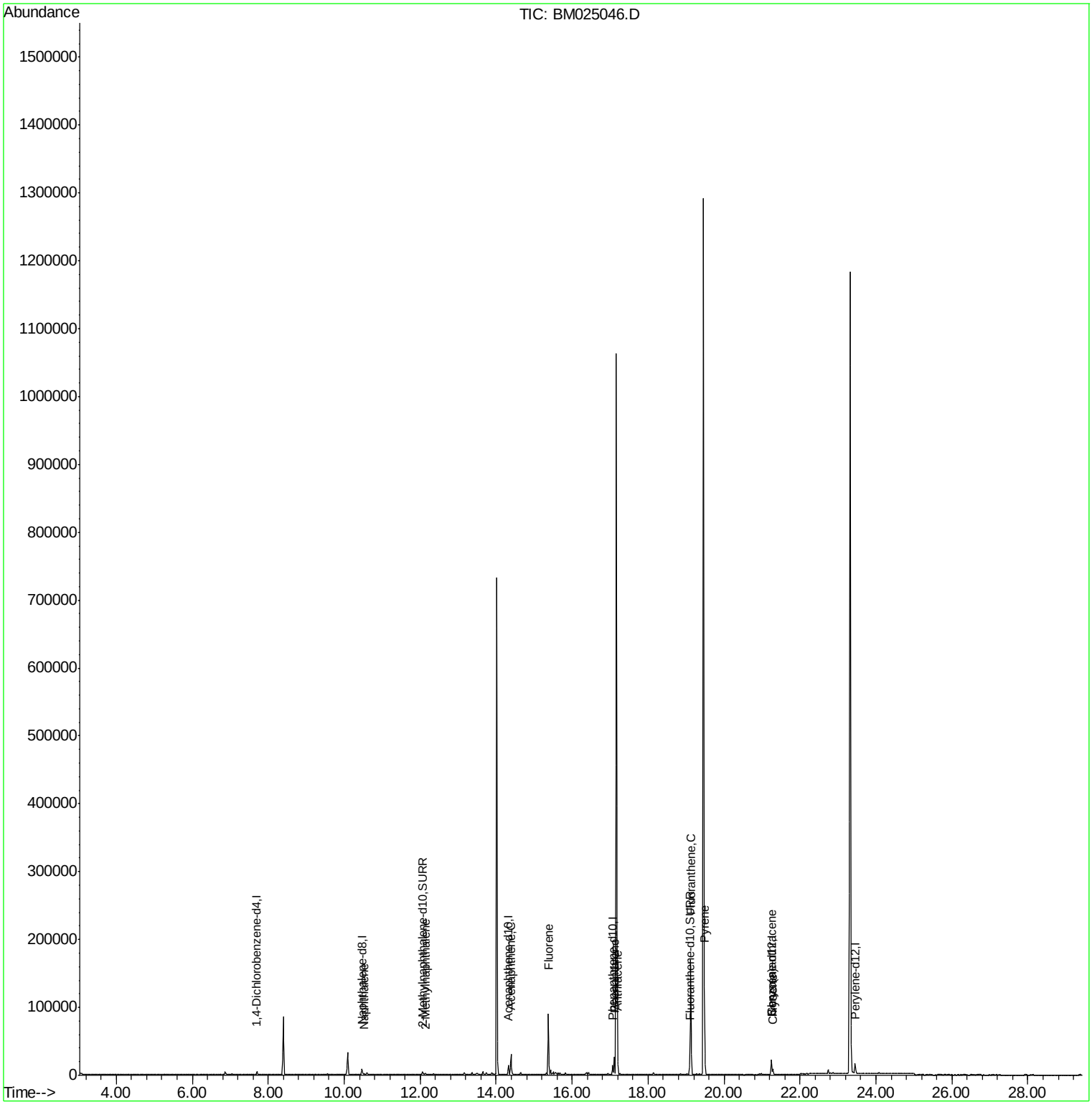

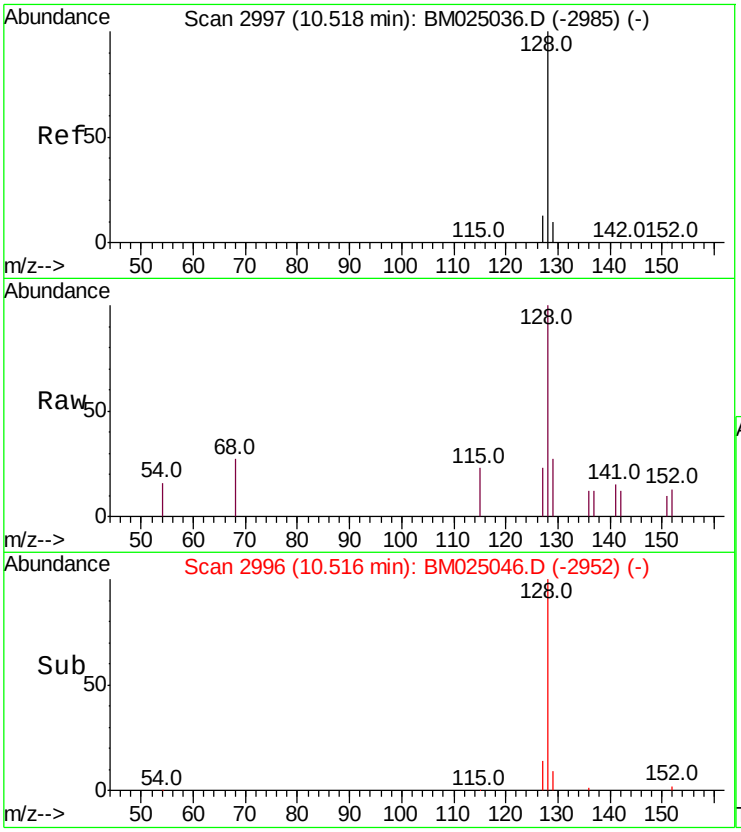

#3
Naphthalene
Concen: 0.036 ng/ul
RT: 10.52 min Scan# 2996
Delta R.T. -0.00 min
Lab File: BM025046.D
Acq: 25 Feb 2020 16:26

Tgt Ion:128 Resp: 1141

Ion	Ratio	Lower	Upper
128	100		
129	26.6	17.0	25.6#
127	23.0	15.7	23.5

Instrument :
BNA_M
ClientSampleId :
DBCW3

Manual Integrations APPROVED
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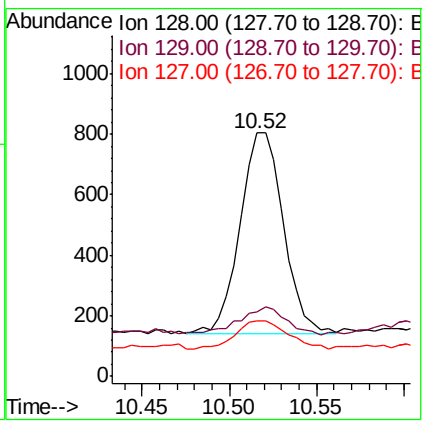
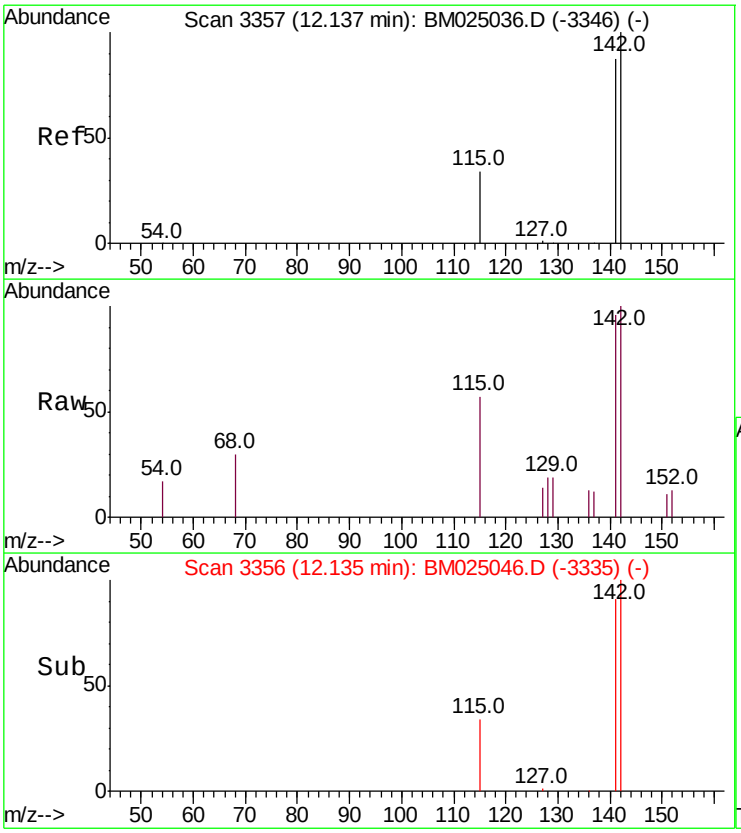
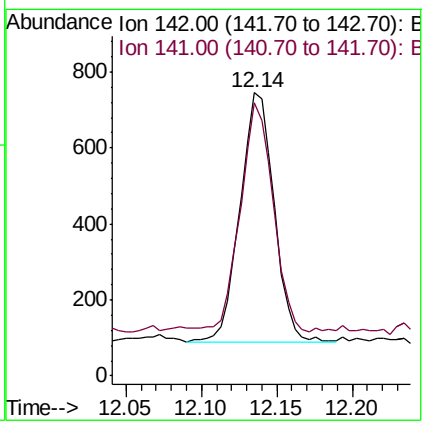


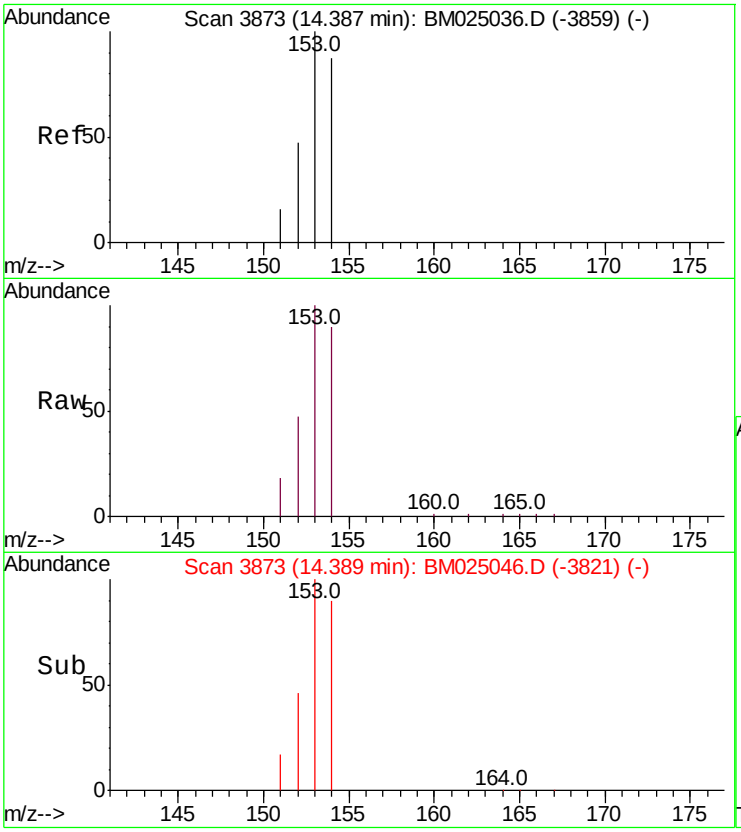


#5
2-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.14 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BM025046.D
Acq: 25 Feb 2020 16:26

Tgt Ion:142 Resp: 1037

Ion	Ratio	Lower	Upper
142	100		
141	88.1	69.8	104.8





#8
Acenaphthene
Concen: 0.581 ng/ul
RT: 14.39 min Scan# 3873
Delta R.T. -0.00 min
Lab File: BM025046.D
Acq: 25 Feb 2020 16:26

Tgt Ion:153 Resp: 16480

Ion	Ratio	Lower	Upper
153	100		
152	46.9	40.0	60.0
154	90.3	71.0	106.6

Instrument :
BNA_M
ClientSampleId :
DBCW3

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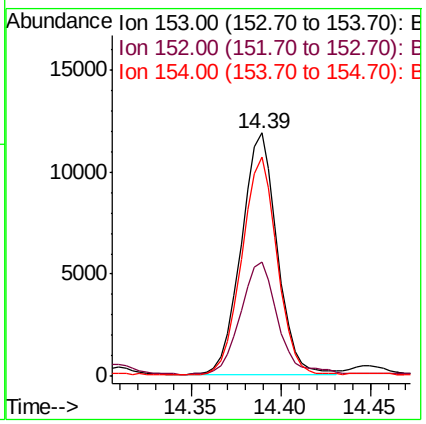
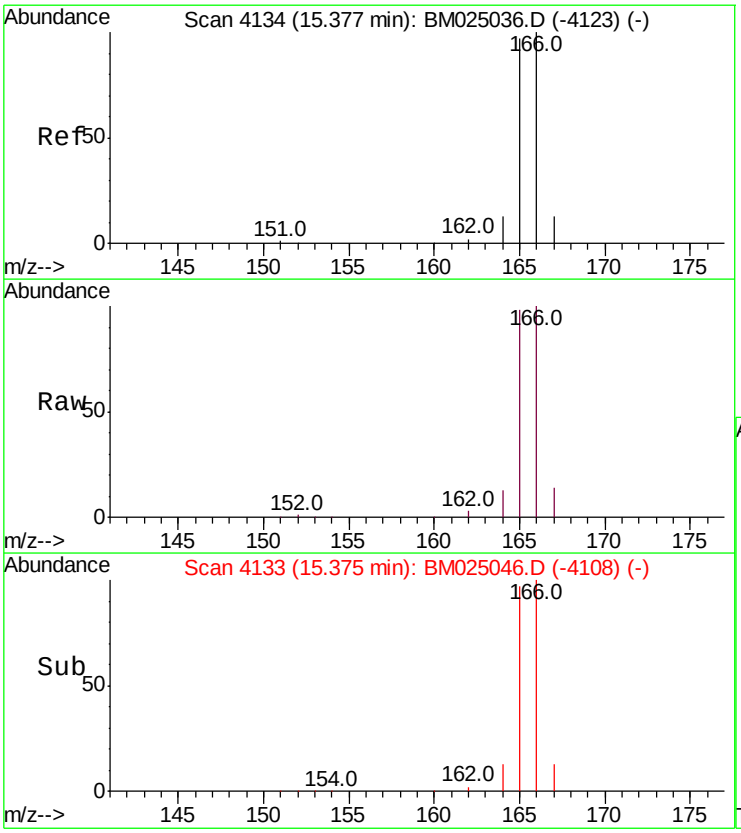
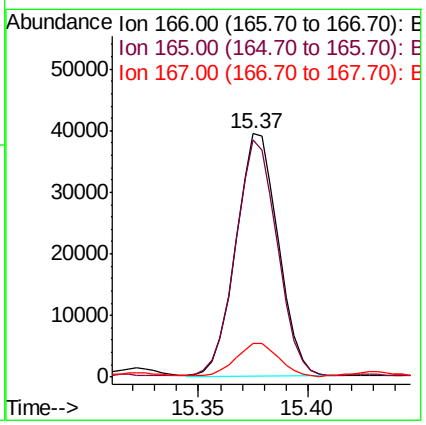


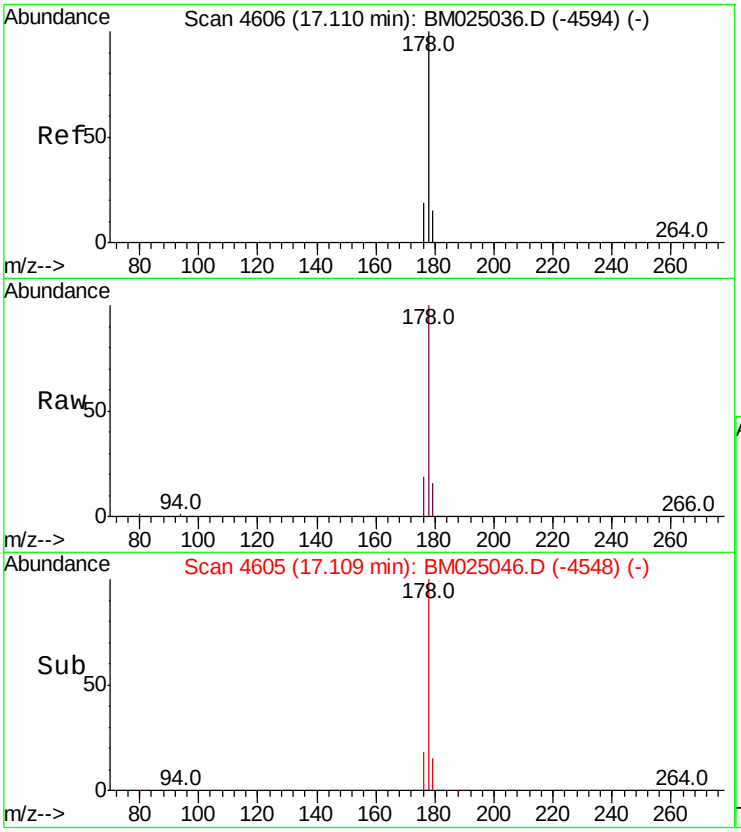


#9
Fluorene
Concen: 1.481 ng/ul
RT: 15.37 min Scan# 4133
Delta R.T. -0.01 min
Lab File: BM025046.D
Acq: 25 Feb 2020 16:26

Tgt Ion:166 Resp: 52733

Ion	Ratio	Lower	Upper
166	100		
165	97.5	80.0	120.0
167	13.6	13.7	20.5#

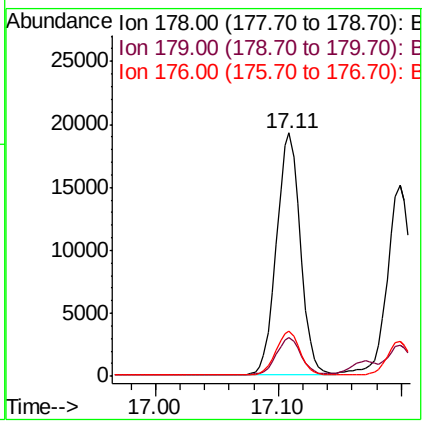




#12
Phenanthrene
Concen: 0.448 ng/ul
RT: 17.11 min Scan# 4605
Delta R.T. -0.00 min
Lab File: BM025046.D
Acq: 25 Feb 2020 16:26

Tgt Ion:178 Resp: 26110

Ion	Ratio	Lower	Upper
178	100		
179	15.9	14.0	21.0
176	18.7	16.6	24.8



Instrument :
BNA_M
ClientSampleId :
DBCW3

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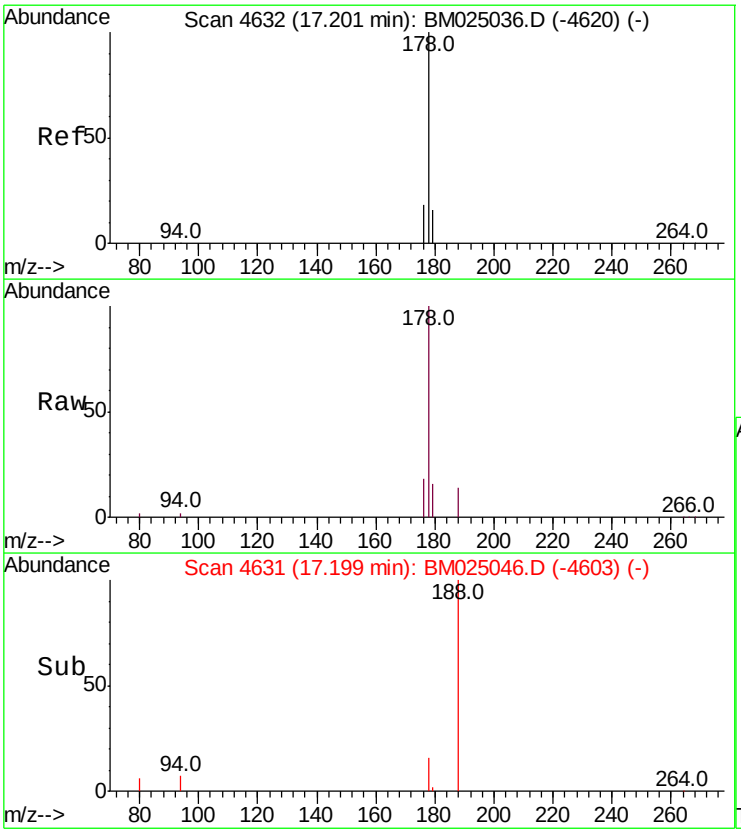
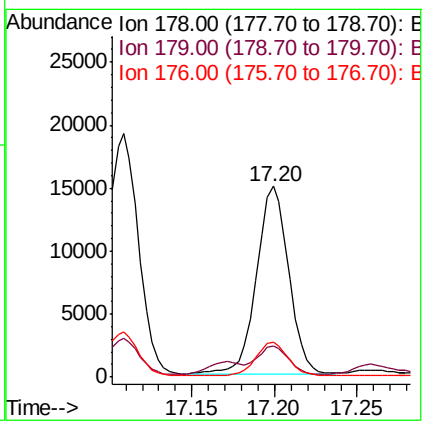
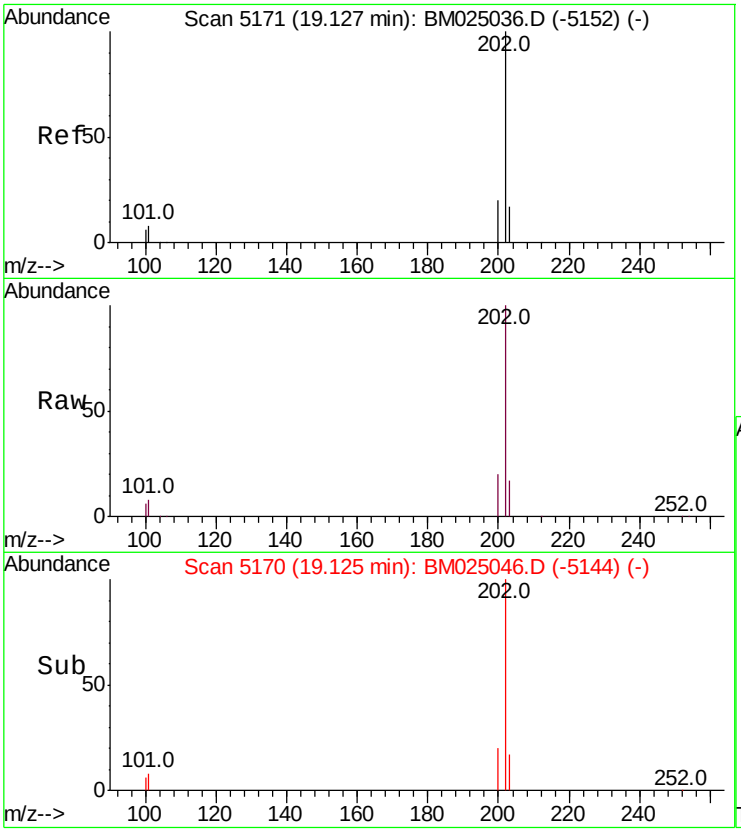


#13
Anthracene
Concen: 0.361 ng/ul
RT: 17.20 min Scan# 4631
Delta R.T. -0.00 min
Lab File: BM025046.D
Acq: 25 Feb 2020 16:26

Tgt Ion:178 Resp: 20352

Ion	Ratio	Lower	Upper
178	100		
179	16.1	14.1	21.1
176	18.0	16.2	24.4

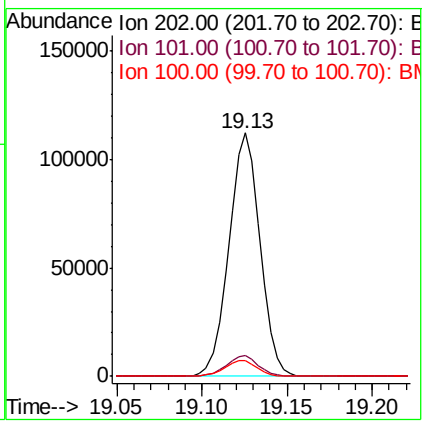




#15
Fluoranthene
Concen: 1.681 ng/ul
RT: 19.13 min Scan# 5170
Delta R.T. -0.00 min
Lab File: BM025046.D
Acq: 25 Feb 2020 16:26

Tgt Ion:202 Resp: 142182

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	29.4
100	6.3	0.0	28.0



Instrument :
BNA_M
ClientSampleId :
DBCW3

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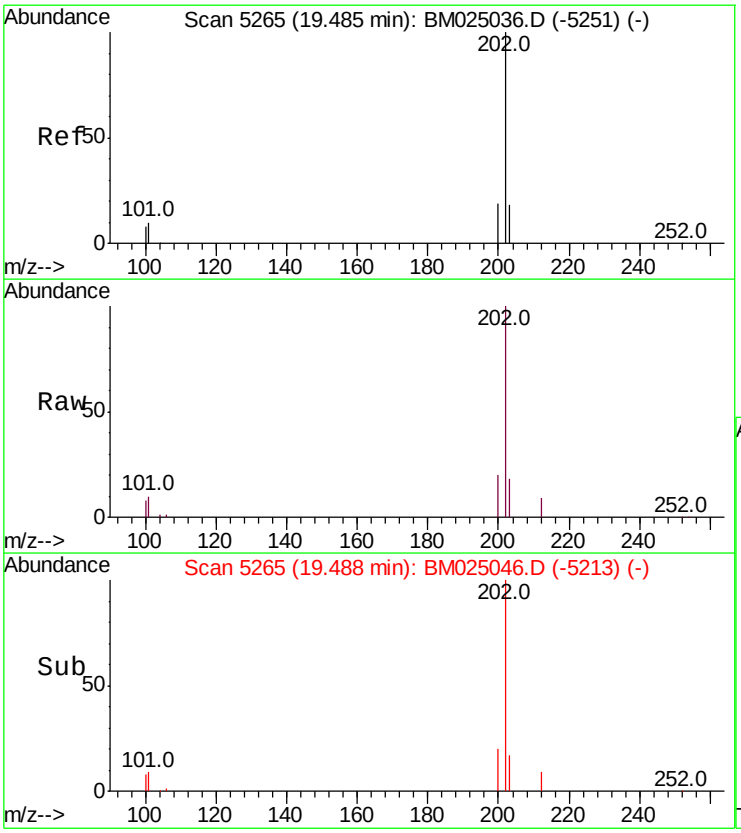
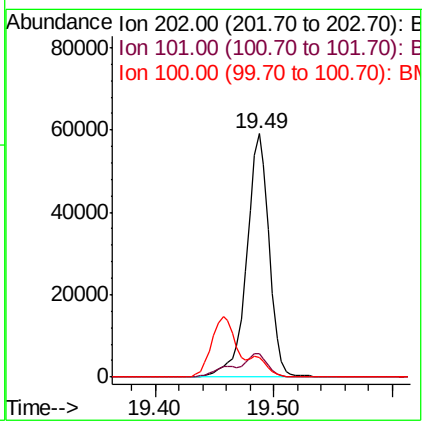
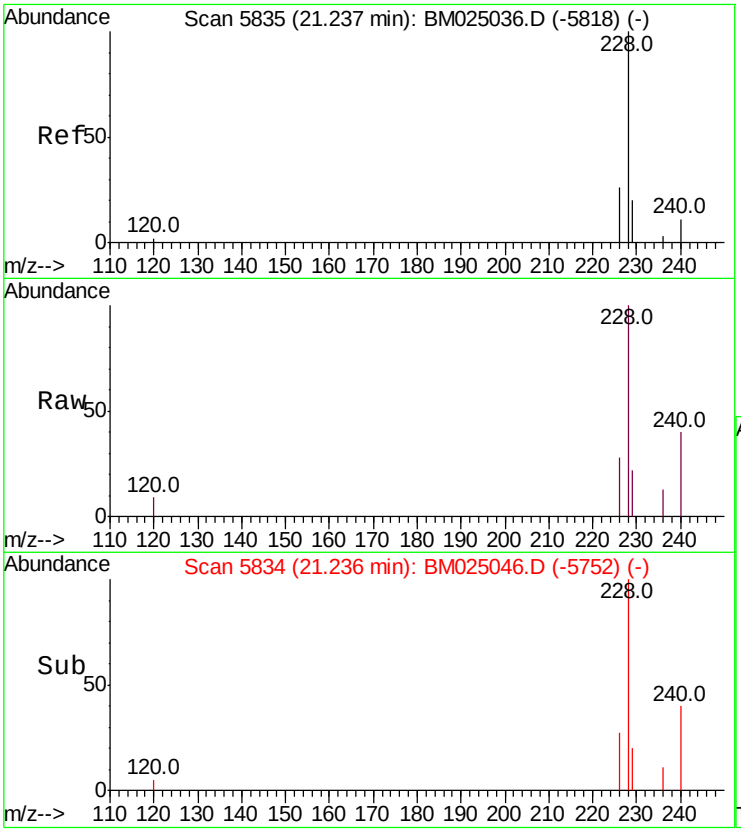


#17
Pyrene
Concen: 1.010 ng/ul
RT: 19.49 min Scan# 5265
Delta R.T. -0.00 min
Lab File: BM025046.D
Acq: 25 Feb 2020 16:26

Tgt Ion:202 Resp: 77083

Ion	Ratio	Lower	Upper
202	100		
101	9.6	8.7	13.1
100	8.1	7.3	10.9

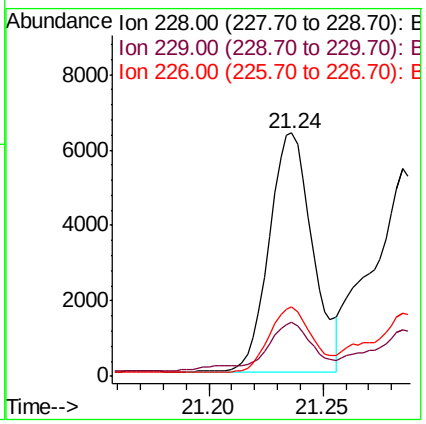




#18
Benzo(a)anthracene
Concen: 0.114 ng/ul
RT: 21.24 min Scan# 5834
Delta R.T. -0.00 min
Lab File: BM025046.D
Acq: 25 Feb 2020 16:26

Tgt Ion:228 Resp: 8371

Ion	Ratio	Lower	Upper
228	100		
229	22.0	16.6	25.0
226	28.3	21.9	32.9



Instrument :
BNA_M
ClientSampleId :
DBCW3

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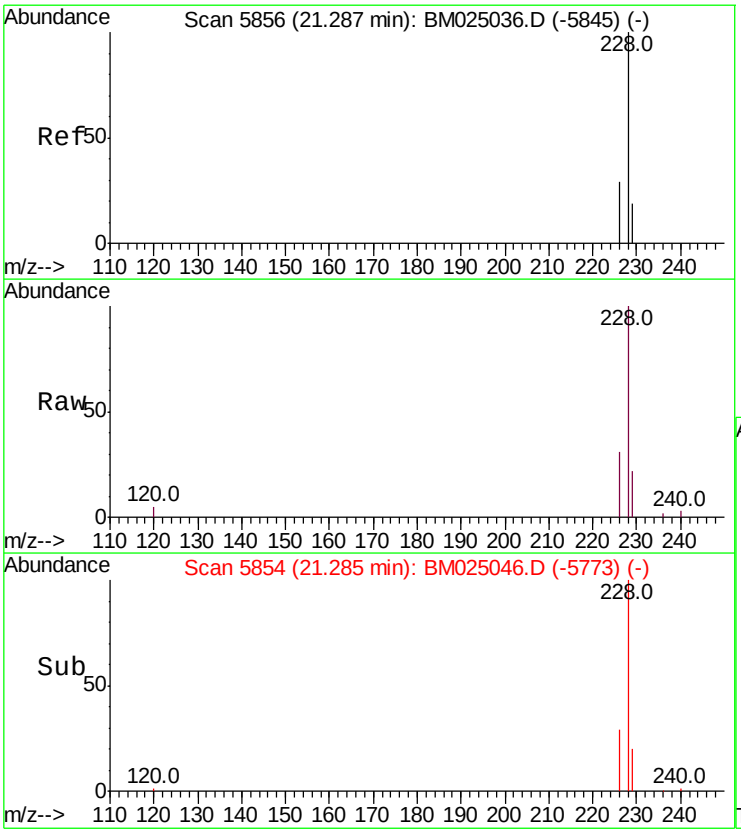

#19
Chrysene
Concen: 0.124 ng/ul
RT: 21.28 min Scan# 5854
Delta R.T. -0.01 min
Lab File: BM025046.D
Acq: 25 Feb 2020 16:26

Tgt Ion:228 Resp: 9028

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.8	35.8
229	22.3	16.9	25.3