Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022520\
Data File : BM025080.D
Acq On : 26 Feb 2020 15:14
Operator : CG/JU
Sample : L1541-15DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBD67DL

Quant Time: Feb 26 16:28:07 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	7.69	152	2478	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	9534	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.32	164	5932	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	13242	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	13838	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	16499	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	2545	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	7146	0.16	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.51	128	1503	0.052	ng/ul	99
5) 2-Methylnaphthalene	12.13	142	3027	0.145	ng/ul	100
8) Acenaphthene	14.38	153	177400	7.720	ng/ul	98
9) Fluorene	15.37	166	146367	5.076	ng/ul#	96
12) Phenanthrene	17.10	178	47240	1.014	ng/ul	96
13) Anthracene	17.20	178	1828	0.040	ng/ul#	92
15) Fluoranthene	19.12	202	9661	0.143	ng/ul	99
17) Pyrene	19.48	202	5890	0.094	ng/ul	97

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

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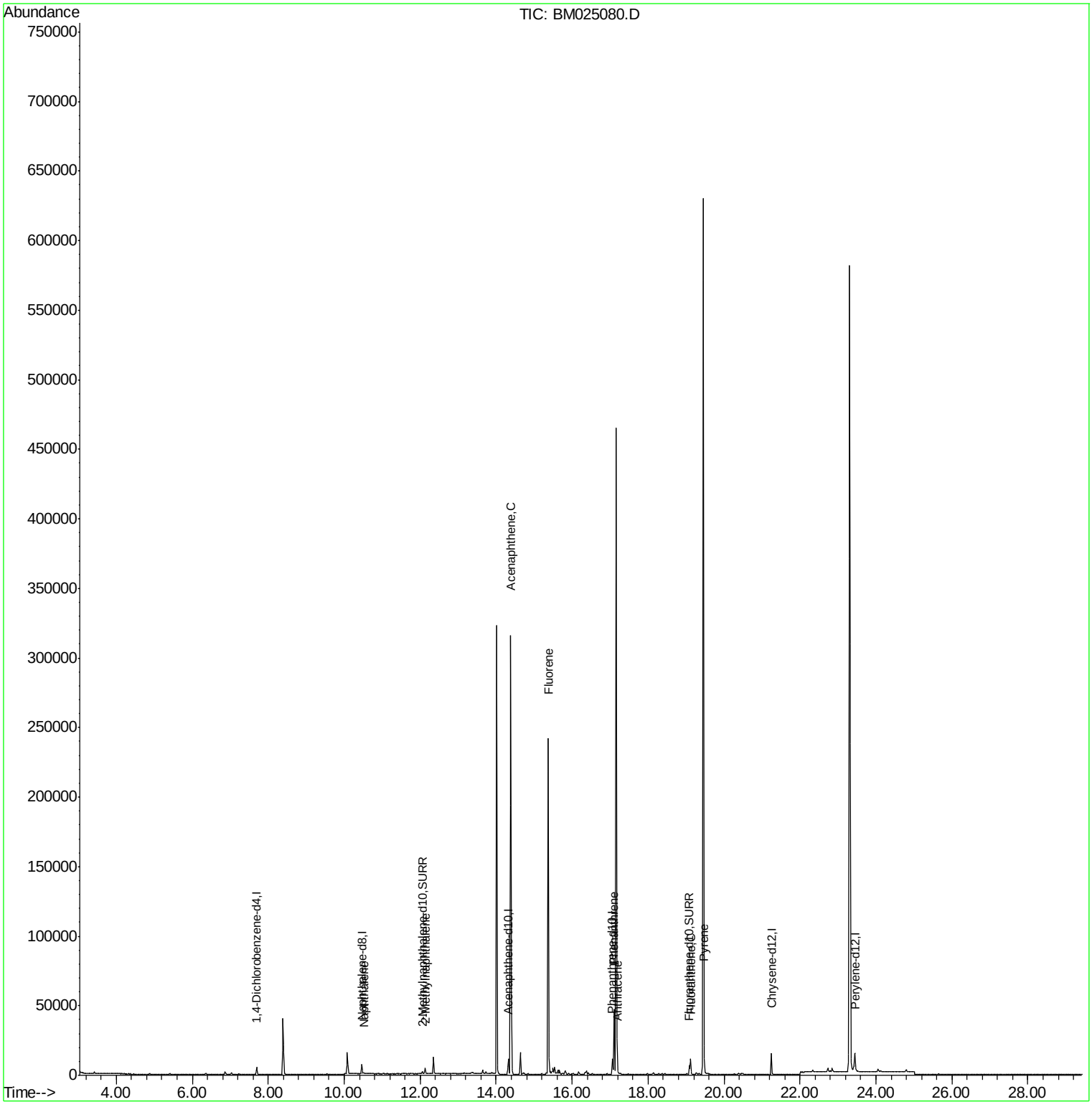
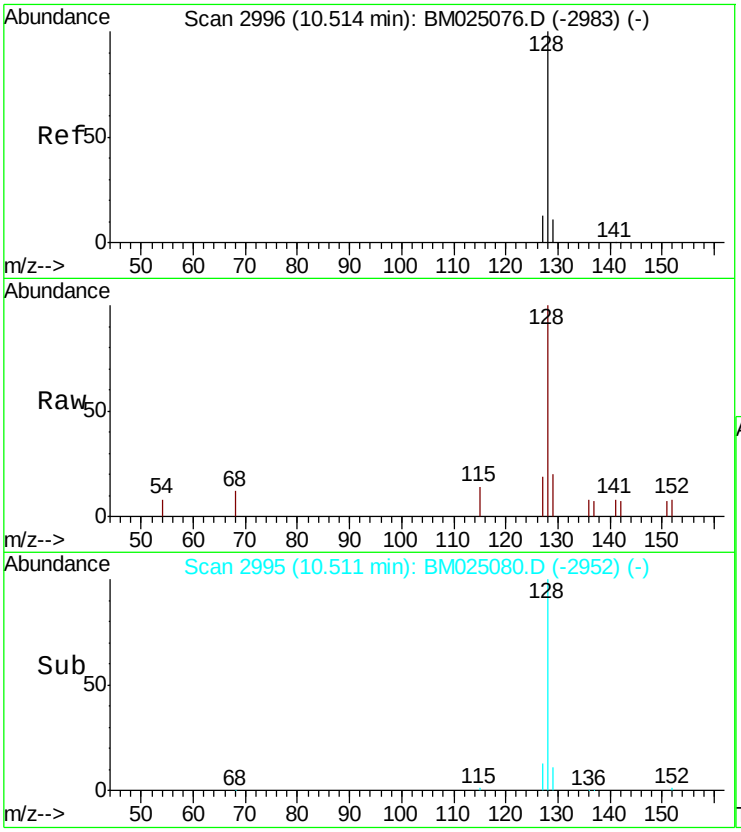


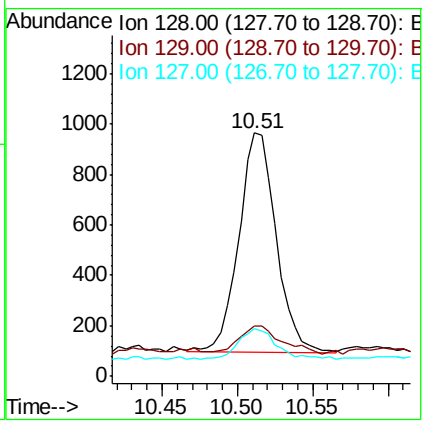


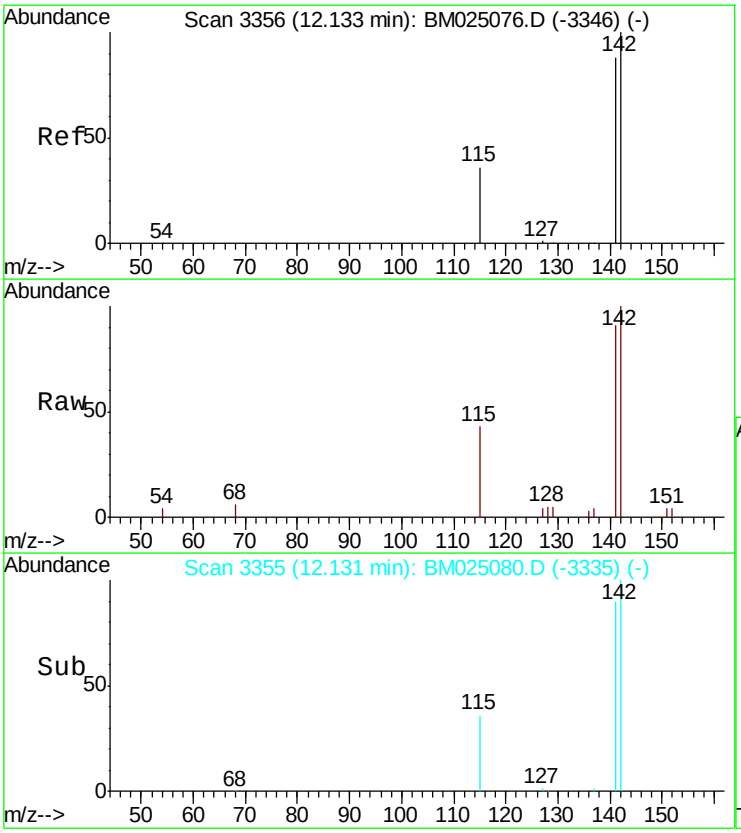
#3
Naphthalene
Concen: 0.052 ng/ul
RT: 10.51 min Scan# 2995
Delta R.T. -0.01 min
Lab File: BM025080.D
Acq: 26 Feb 2020 15:14

Instrument :
BNA_M
ClientSampleId :
DBD67DL

Tgt Ion:128 Resp: 1503

Ion	Ratio	Lower	Upper
128	100		
129	20.4	17.0	25.6
127	19.4	15.7	23.5

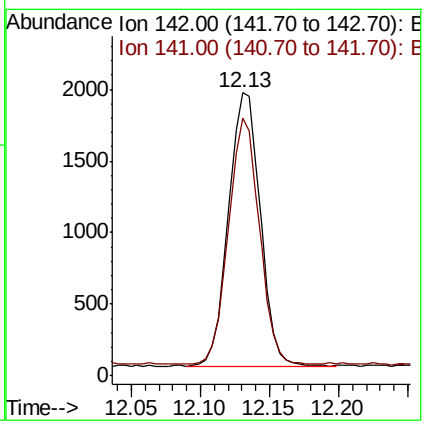


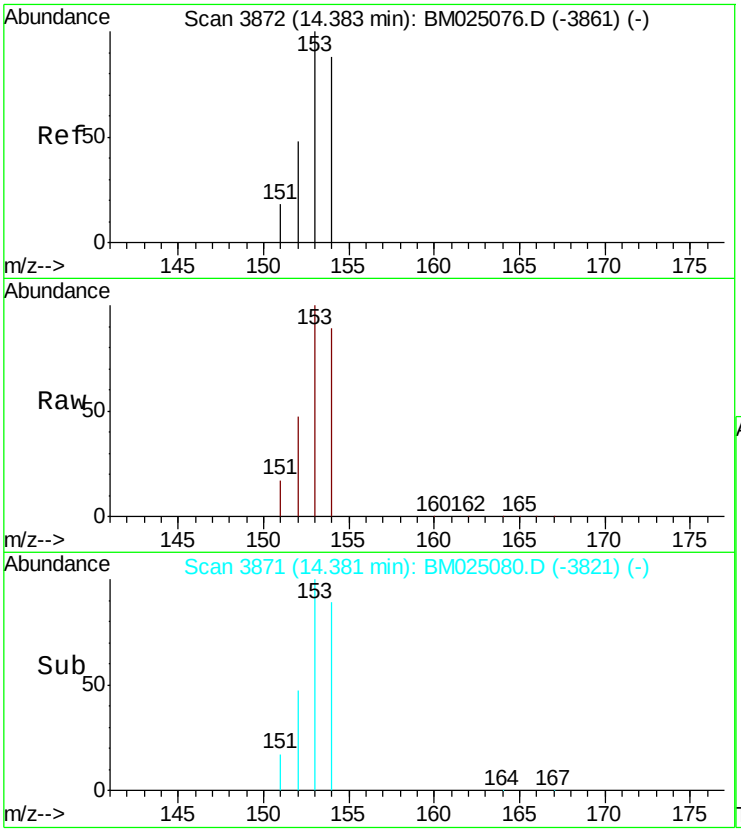


#5
2-Methylnaphthalene
Concen: 0.145 ng/ul
RT: 12.13 min Scan# 3355
Delta R.T. -0.01 min
Lab File: BM025080.D
Acq: 26 Feb 2020 15:14

Tgt Ion:142 Resp: 3027

Ion	Ratio	Lower	Upper
142	100		
141	87.6	69.8	104.8



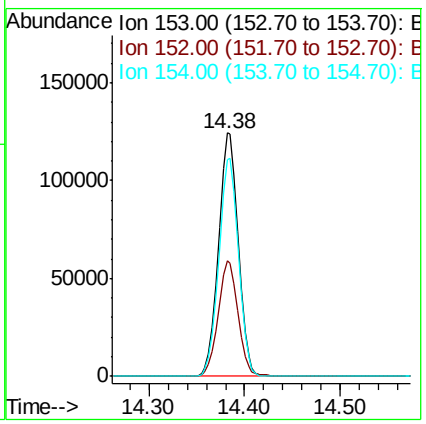


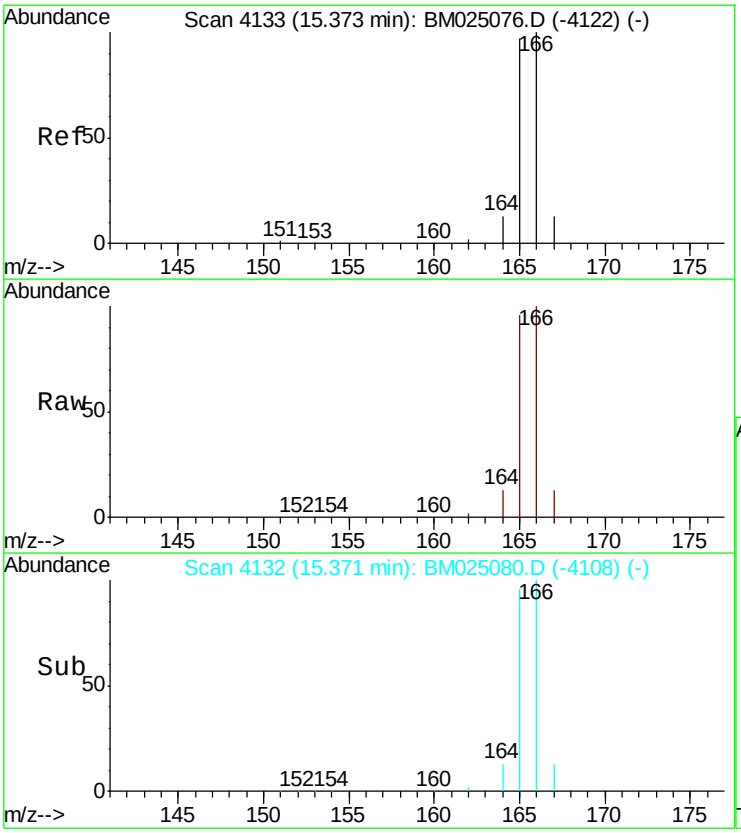
#8
Acenaphthene
Concen: 7.720 ng/ul
RT: 14.38 min Scan# 3871
Delta R.T. -0.01 min
Lab File: BM025080.D
Acq: 26 Feb 2020 15:14

Instrument :
BNA_M
ClientSampleId :
DBD67DL

Tgt Ion:153 Resp: 177400

Ion	Ratio	Lower	Upper
153	100		
152	47.2	40.0	60.0
154	89.2	71.0	106.6

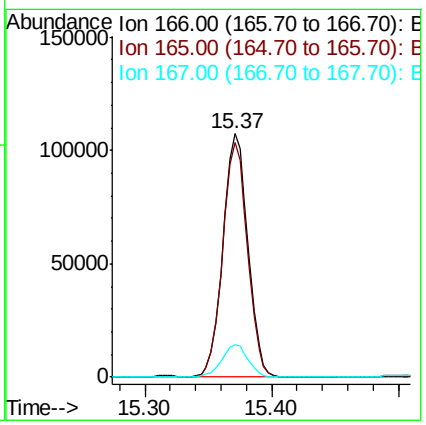


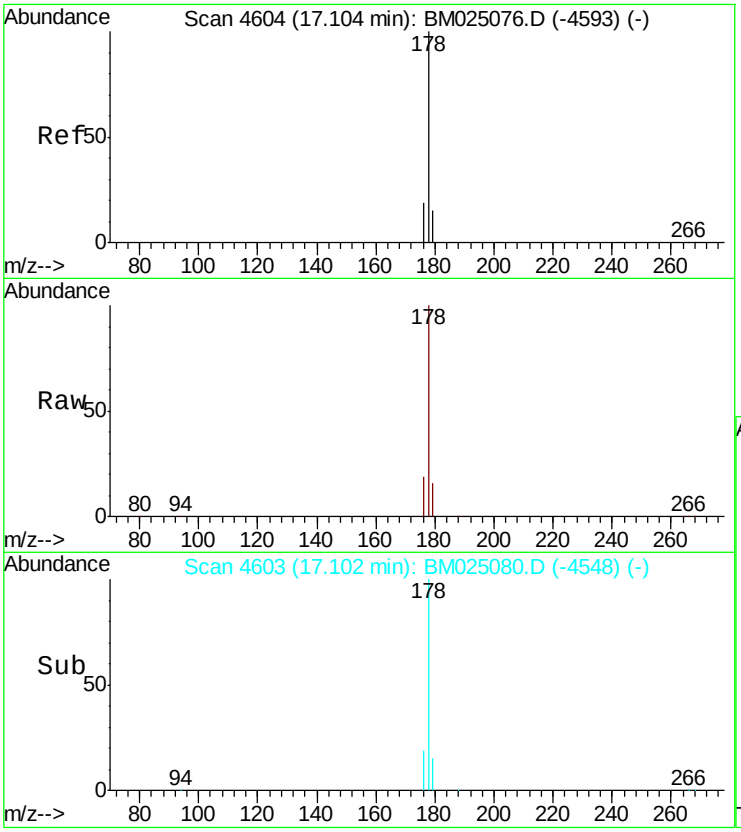


#9
Fluorene
Concen: 5.076 ng/ul
RT: 15.37 min Scan# 4132
Delta R.T. -0.01 min
Lab File: BM025080.D
Acq: 26 Feb 2020 15:14

Tgt Ion:166 Resp: 146367

Ion	Ratio	Lower	Upper
166	100		
165	96.4	80.0	120.0
167	13.5	13.7	20.5#



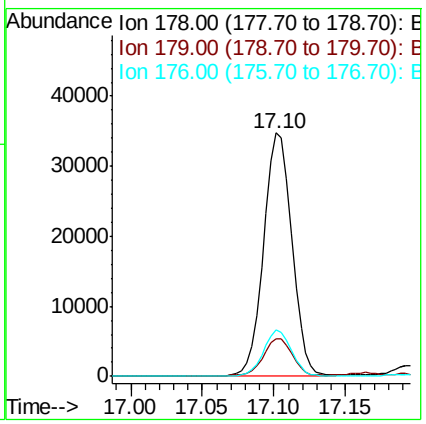


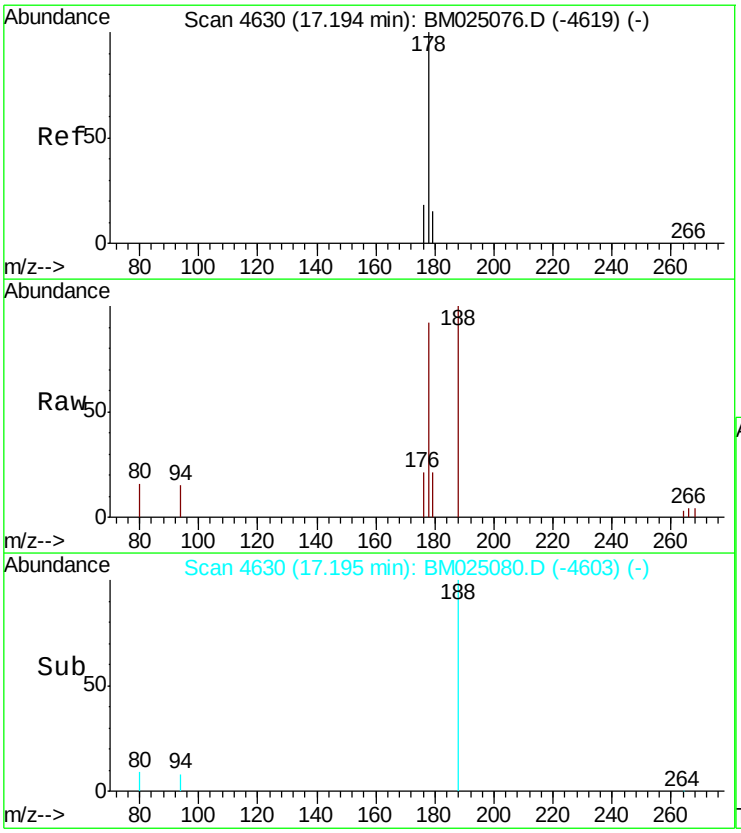
#12
Phenanthrene
Concen: 1.014 ng/ul
RT: 17.10 min Scan# 4603
Delta R.T. -0.01 min
Lab File: BM025080.D
Acq: 26 Feb 2020 15:14

Instrument :
BNA_M
ClientSampleId :
DBD67DL

Tgt Ion:178 Resp: 47240

Ion	Ratio	Lower	Upper
178	100		
179	15.6	14.0	21.0
176	18.9	16.6	24.8

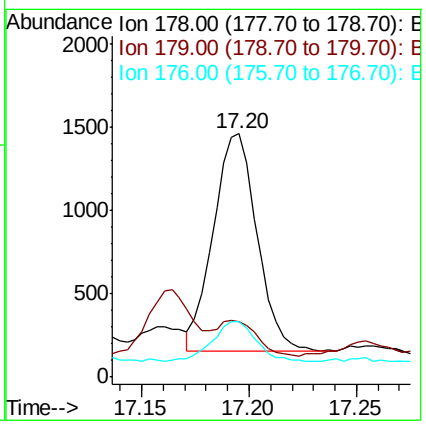


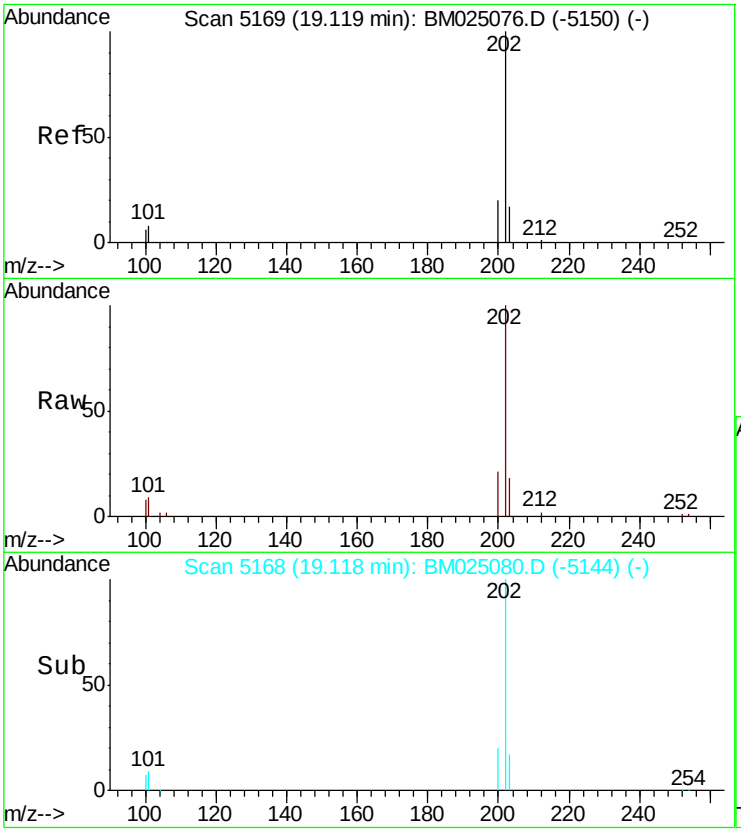


#13
Anthracene
Concen: 0.040 ng/ul
RT: 17.20 min Scan# 4630
Delta R.T. -0.01 min
Lab File: BM025080.D
Acq: 26 Feb 2020 15:14

Tgt Ion:178 Resp: 1828

Ion	Ratio	Lower	Upper
178	100		
179	23.0	14.1	21.1#
176	22.6	16.2	24.4



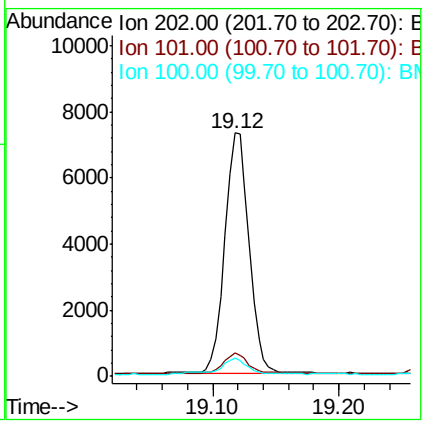


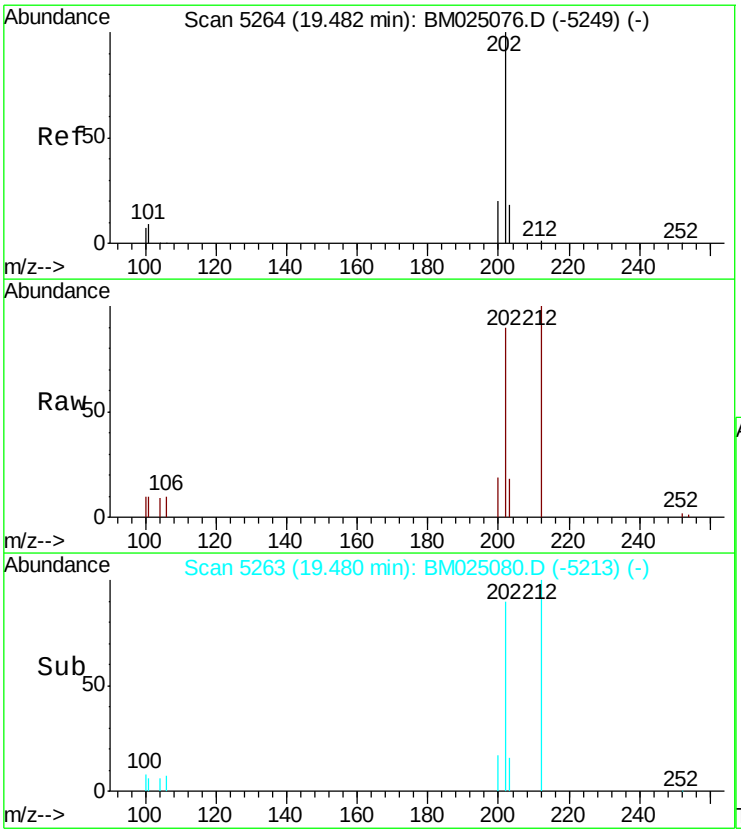
#15
Fluoranthene
Concen: 0.143 ng/ul
RT: 19.12 min Scan# 5168
Delta R.T. -0.01 min
Lab File: BM025080.D
Acq: 26 Feb 2020 15:14

Instrument :
BNA_M
ClientSampleId :
DBD67DL

Tgt Ion:202 Resp: 9661

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.4
100	7.5	0.0	28.0





#17
Pyrene
Concen: 0.094 ng/ul
RT: 19.48 min Scan# 5263
Delta R.T. -0.01 min
Lab File: BM025080.D
Acq: 26 Feb 2020 15:14

Tgt Ion:202 Resp: 5890

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.7	13.1
100	10.7	7.3	10.9