Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021721\
Data File : BM028765.D
Acq On : 17 Feb 2021 10:50
Operator : CG/JU
Sample : M1407-02DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBGJ3DL

Quant Time: Feb 17 11:35:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 17 11:34:13 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	400	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	1547	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	827	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	1603	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	1455	0.40	ng/ul	0.00
20) Perylene-d12	23.65	264	1563	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	131	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	271	0.07	ng/ul	0.00
Target Compounds						Qvalue
5) 2-Methylnaphthalene	12.36	142	92	0.036	ng/ul	99
7) Acenaphthylene	14.26	152	87	0.026	ng/ul#	19
8) Acenaphthene	14.60	153	4876	1.822	ng/ul	98
9) Fluorene	15.58	166	2020	0.680	ng/ul	97
11) Pentachlorophenol	16.93	266	350	0.836	ng/ul	99
12) Phenanthrene	17.31	178	1605	0.358	ng/ul	99
13) Anthracene	17.41	178	170	0.040	ng/ul#	51
15) Fluoranthene	19.32	202	190	0.037	ng/ul	50

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

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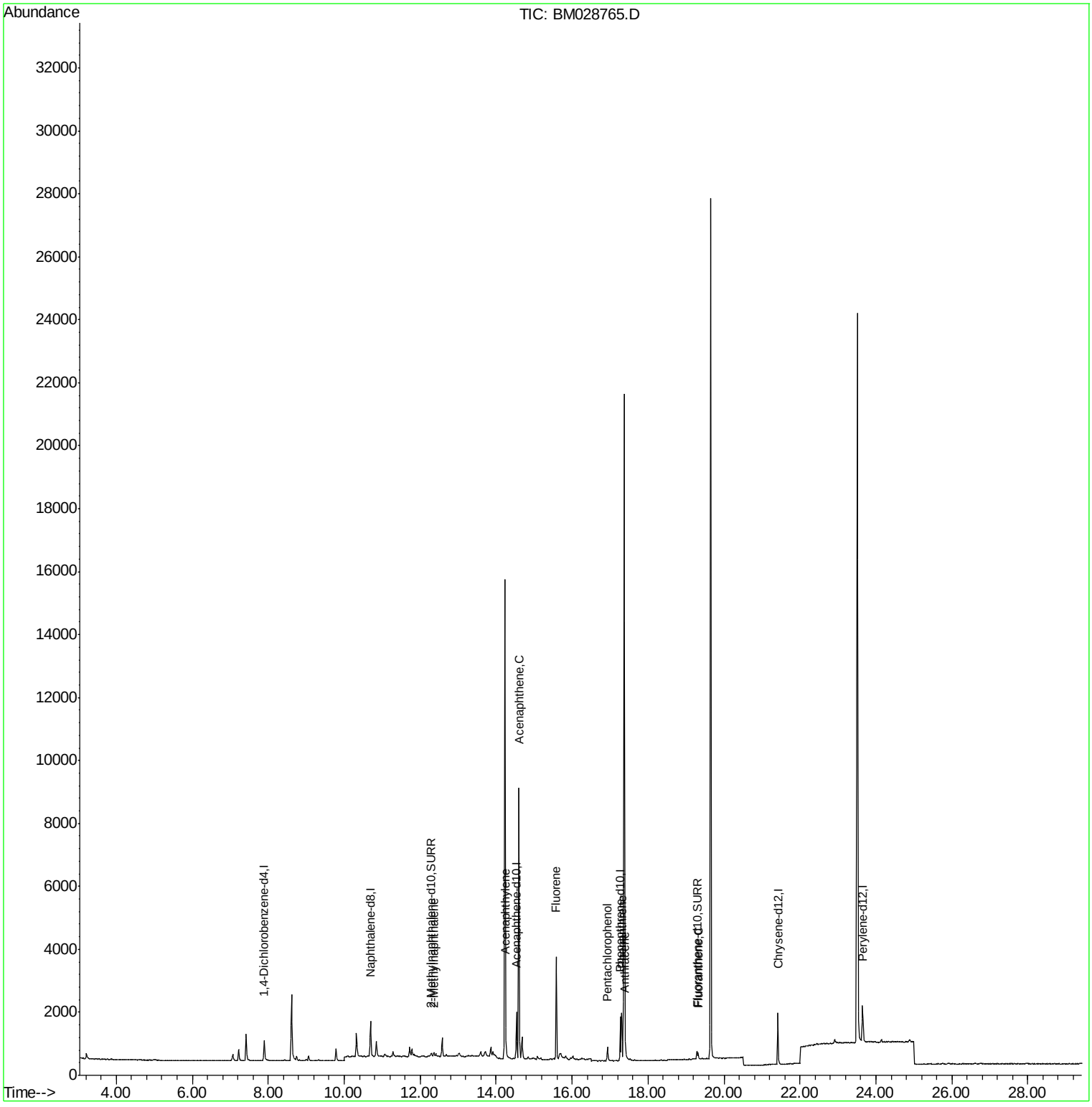
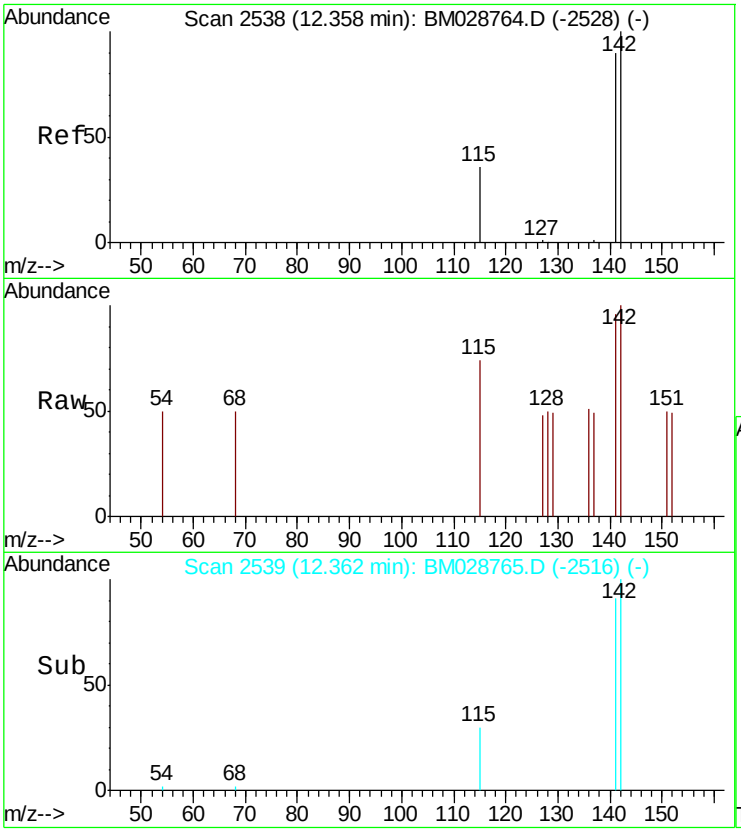


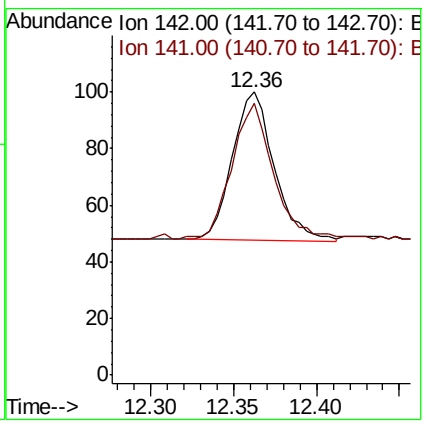


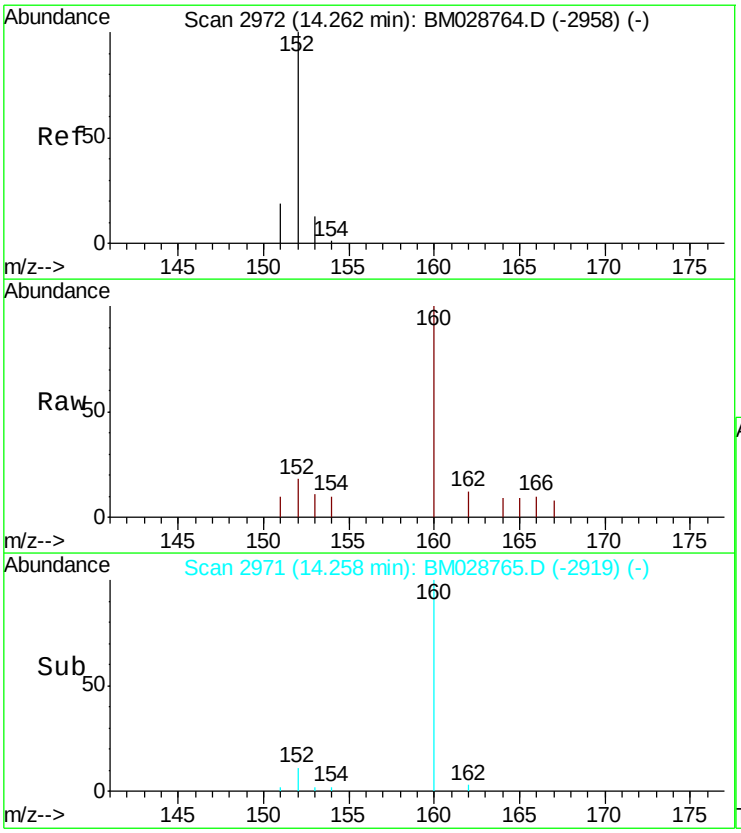
#5
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.36 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BM028765.D
Acq: 17 Feb 2021 10:50

Instrument :
BNA_M
ClientSampleId :
DBGJ3DL

Tgt Ion:142 Resp: 92

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.2	108.4

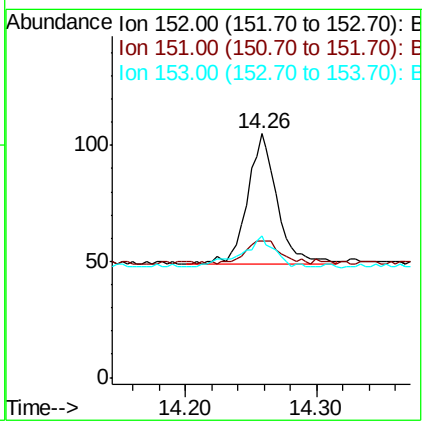


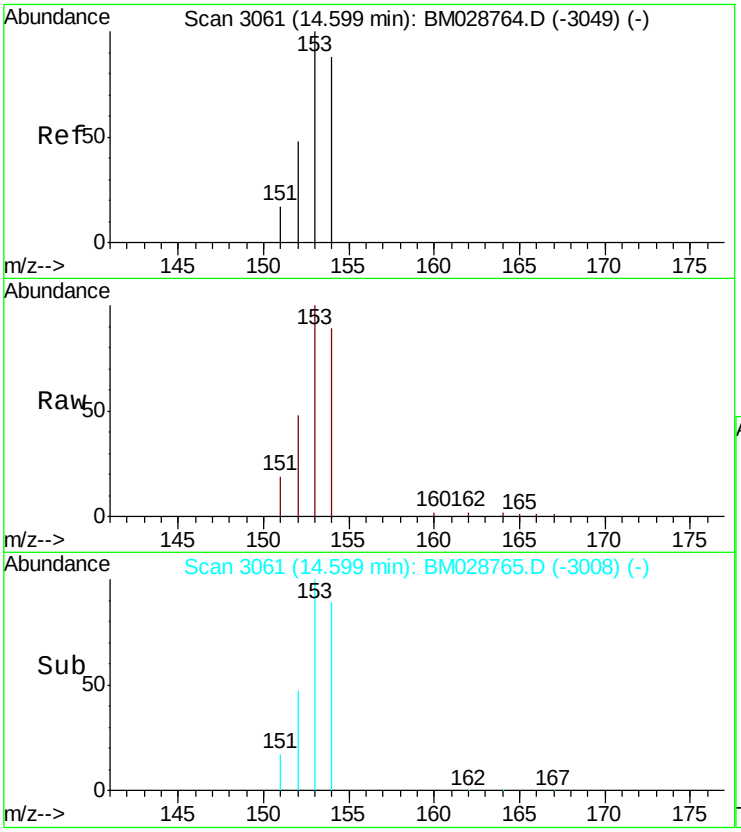


#7
Acenaphthylene
Concen: 0.026 ng/ul
RT: 14.26 min Scan# 2971
Delta R.T. -0.00 min
Lab File: BM028765.D
Acq: 17 Feb 2021 10:50

Tgt Ion:152 Resp: 87

Ion	Ratio	Lower	Upper
152	100		
151	56.2	18.0	27.0#
153	58.1	13.4	20.0#



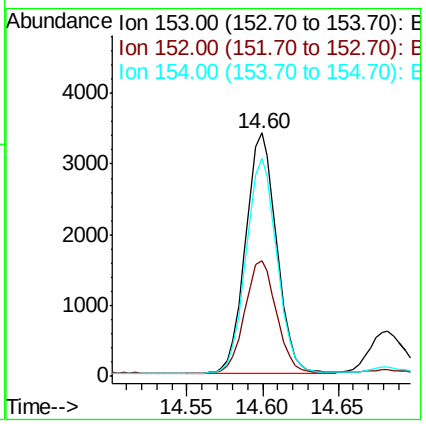


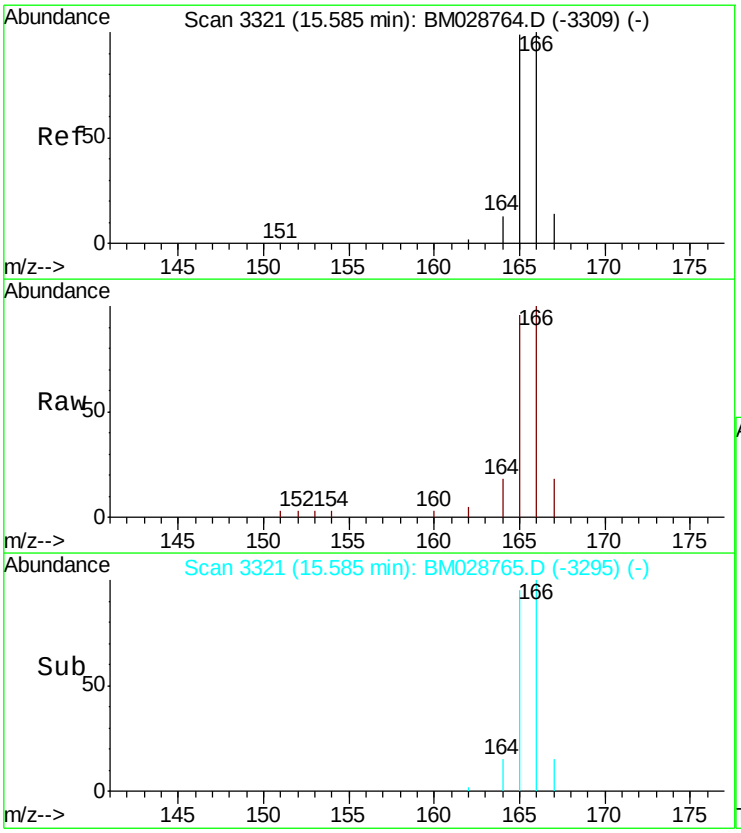
#8
Acenaphthene
Concen: 1.822 ng/ul
RT: 14.60 min Scan# 3061
Delta R.T. 0.00 min
Lab File: BM028765.D
Acq: 17 Feb 2021 10:50

Instrument :
BNA_M
ClientSampleId :
DBGJ3DL

Tgt Ion:153 Resp: 4876

Ion	Ratio	Lower	Upper
153	100		
152	47.5	39.6	59.4
154	89.4	70.3	105.5

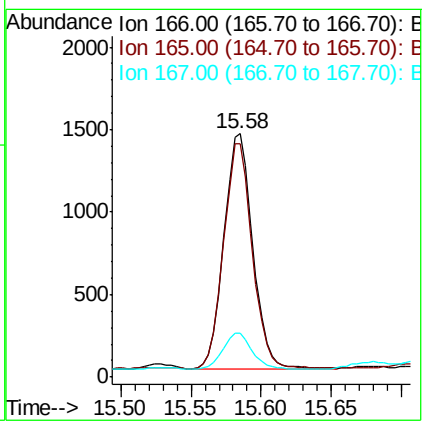


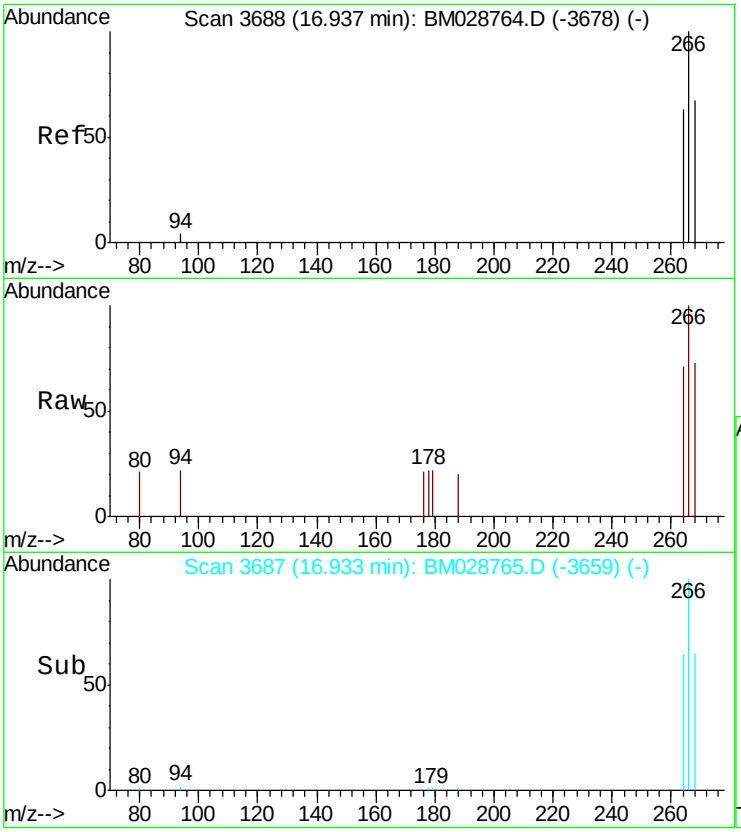


#9
Fluorene
Concen: 0.680 ng/ul
RT: 15.58 min Scan# 3321
Delta R.T. 0.00 min
Lab File: BM028765.D
Acq: 17 Feb 2021 10:50

Tgt Ion:166 Resp: 2020

Ion	Ratio	Lower	Upper
166	100		
165	95.7	79.6	119.4
167	18.0	13.9	20.9



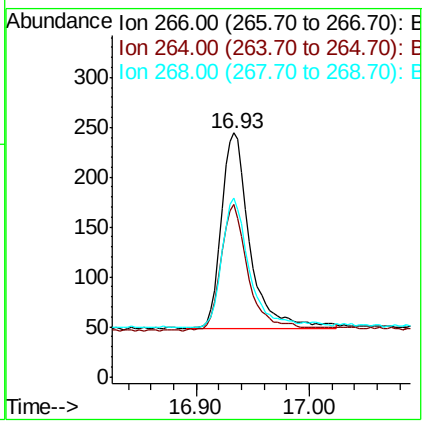


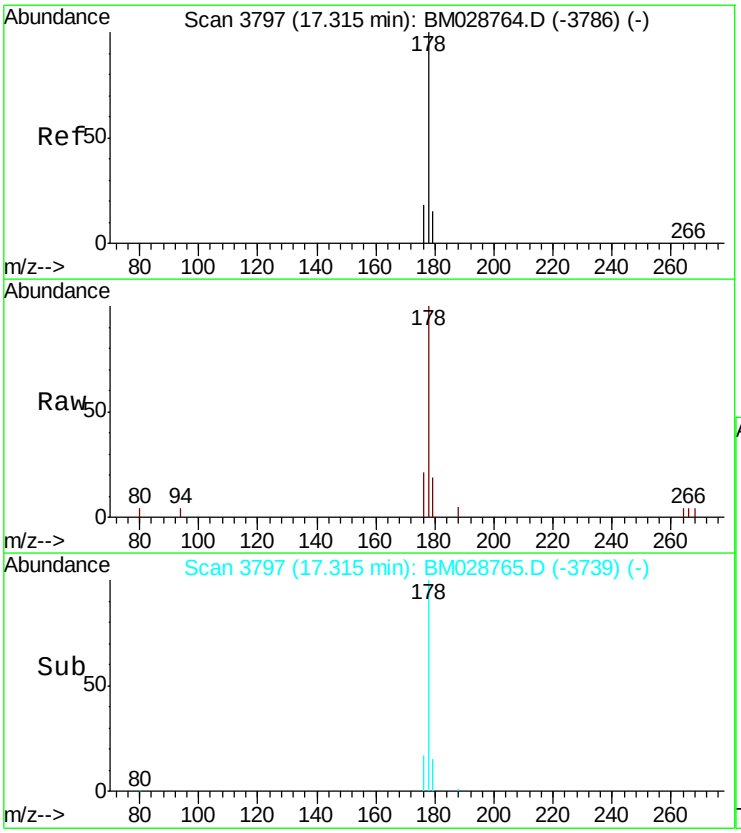
#11
Pentachlorophenol
Concen: 0.836 ng/ul
RT: 16.93 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BM028765.D
Acq: 17 Feb 2021 10:50

Instrument :
BNA_M
ClientSampleId :
DBGJ3DL

Tgt Ion:266 Resp: 350

Ion	Ratio	Lower	Upper
266	100		
264	63.4	51.0	76.4
268	64.9	53.0	79.4

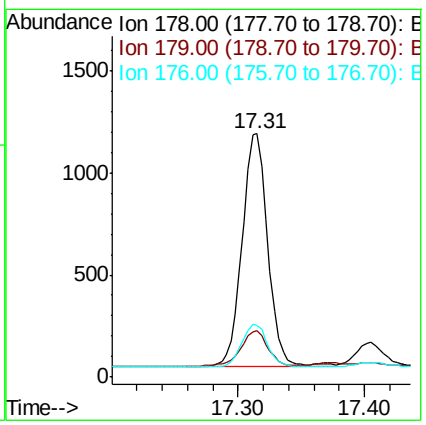


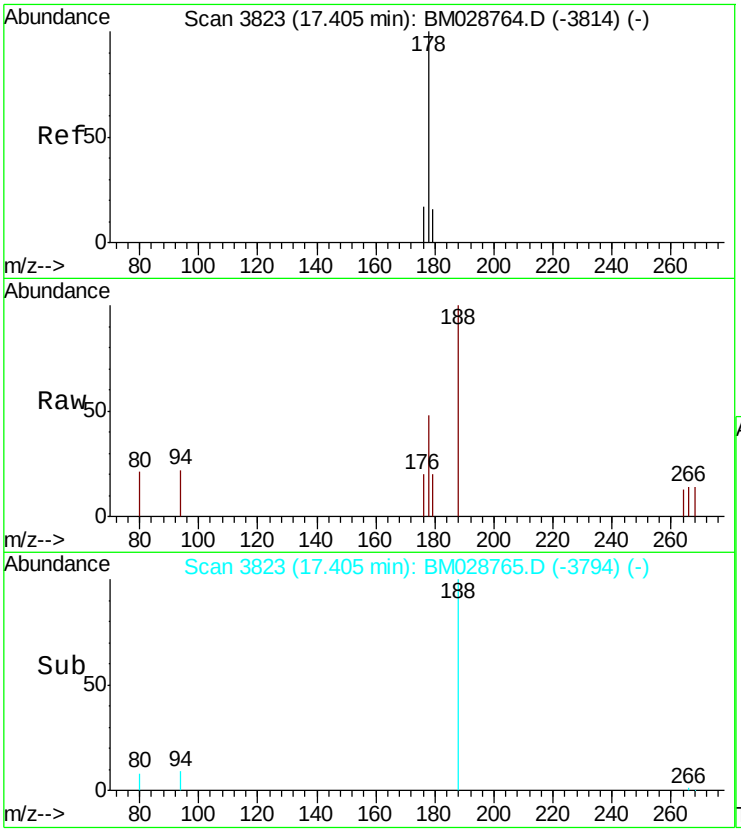


#12
Phenanthrene
Concen: 0.358 ng/ul
RT: 17.31 min Scan# 3797
Delta R.T. 0.00 min
Lab File: BM028765.D
Acq: 17 Feb 2021 10:50

Tgt Ion:178 Resp: 1605

Ion	Ratio	Lower	Upper
178	100		
179	18.9	14.7	22.1
176	21.0	16.7	25.1



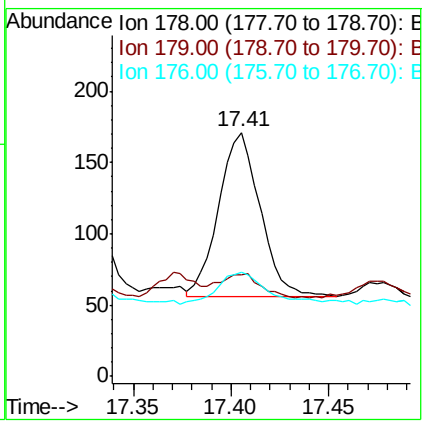


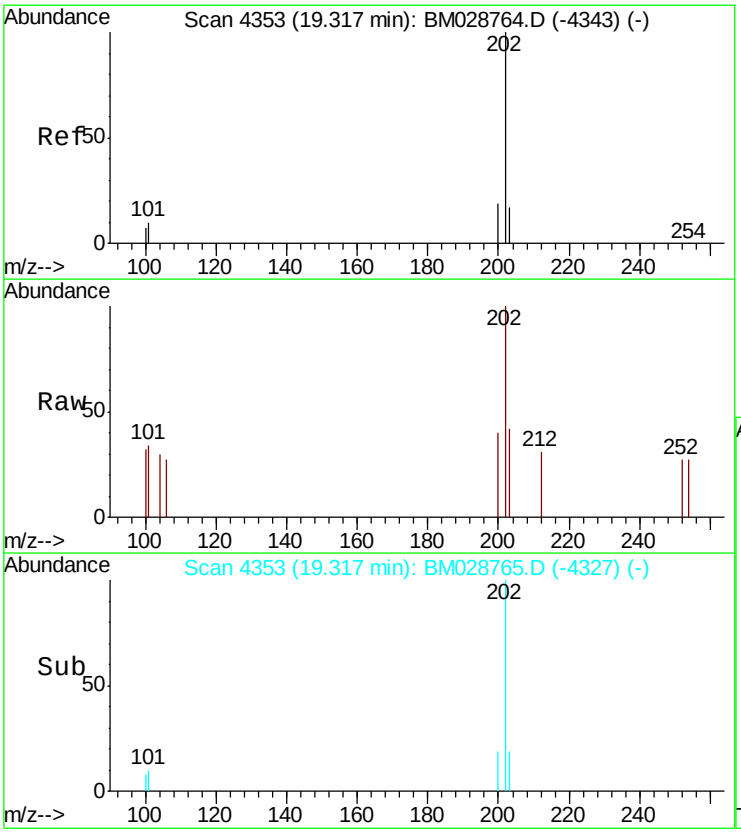
#13
Anthracene
Concen: 0.040 ng/ul
RT: 17.41 min Scan# 3823
Delta R.T. 0.00 min
Lab File: BM028765.D
Acq: 17 Feb 2021 10:50

Instrument :
BNA_M
ClientSampleId :
DBGJ3DL

Tgt Ion:178 Resp: 170

Ion	Ratio	Lower	Upper
178	100		
179	41.5	15.0	22.4#
176	42.7	16.6	24.8#





#15
Fluoranthene
Concen: 0.037 ng/ul
RT: 19.32 min Scan# 4353
Delta R.T. 0.00 min
Lab File: BM028765.D
Acq: 17 Feb 2021 10:50

Tgt Ion:202 Resp: 190

Ion	Ratio	Lower	Upper
202	100		
101	34.2	0.0	34.5
100	31.6	0.0	31.7