Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021821\
Data File : BM028801.D
Acq On : 18 Feb 2021 17:52
Operator : CG/JU
Sample : M1408-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBGK9

Manual Integrations APPROVED
mohammad
2/19/2021 1:20:09 PM

Quant Time: Feb 19 00:29:52 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 : Thu Feb 18 11:30:02 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	378	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	1598	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	922	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.28	188	1749m	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	1654	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	1642	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	818	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1986	0.44	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	341	0.086	ng/ul#	62
5) 2-Methylnaphthalene	12.36	142	73	0.027	ng/ul	98
7) Acenaphthylene	14.26	152	87	0.023	ng/ul#	3
8) Acenaphthene	14.60	153	1887	0.633	ng/ul	98
9) Fluorene	15.59	166	1009	0.305	ng/ul#	95
12) Phenanthrene	17.32	178	861	0.176	ng/ul#	87
13) Anthracene	17.41	178	131	0.028	ng/ul#	27
15) Fluoranthene	19.32	202	206	0.037	ng/ul#	28
17) Pyrene	19.68	202	132	0.022	ng/ul#	35

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

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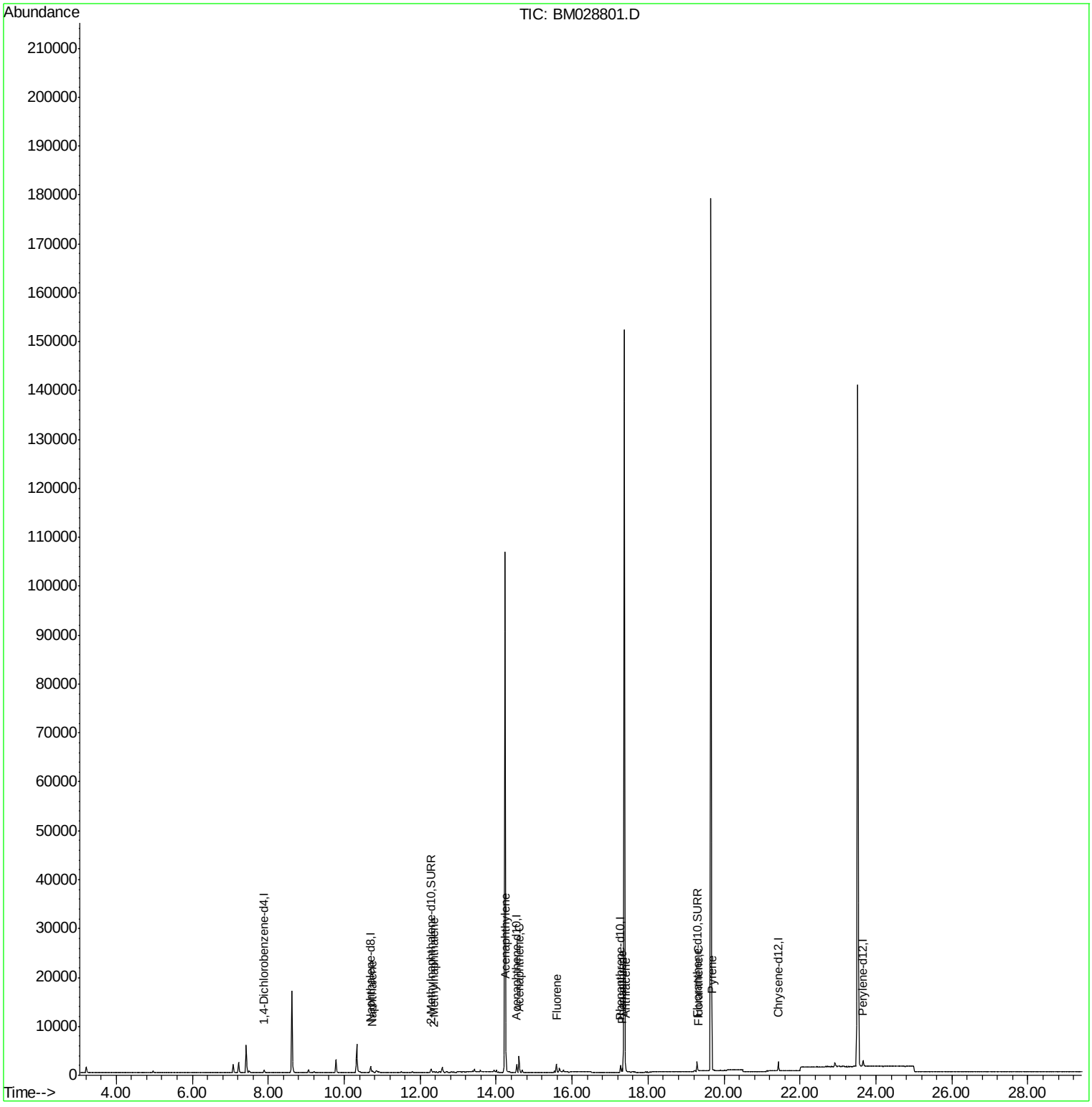

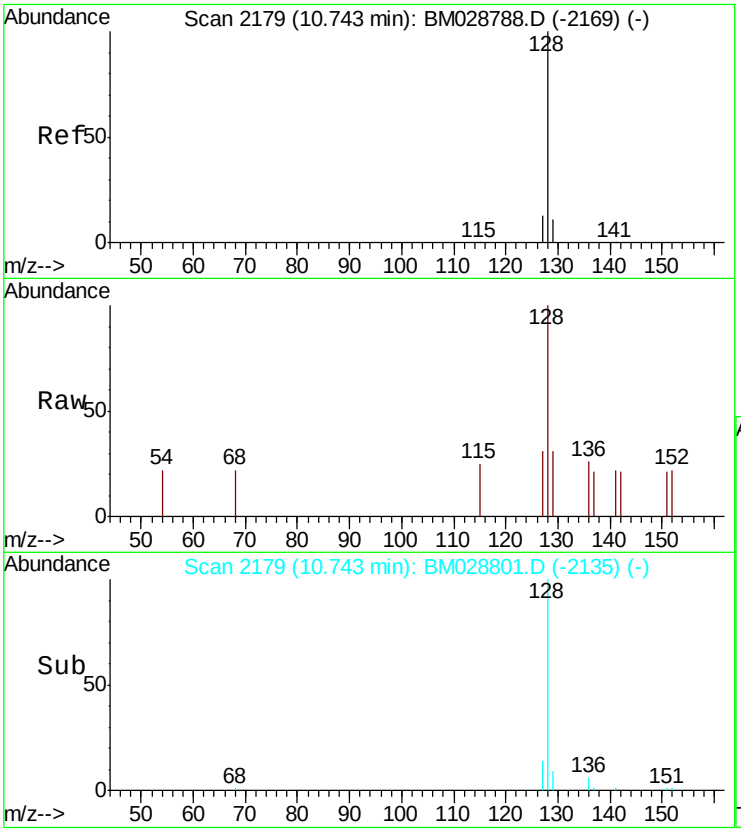

#3
Naphthalene
Concen: 0.086 ng/ul
RT: 10.74 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BM028801.D
Acq: 18 Feb 2021 17:52

Tgt Ion:128 Resp: 341

Ion	Ratio	Lower	Upper
128	100		
129	31.4	11.4	17.2#
127	31.0	13.0	19.6#

Instrument :
BNA_M
ClientSampleId :
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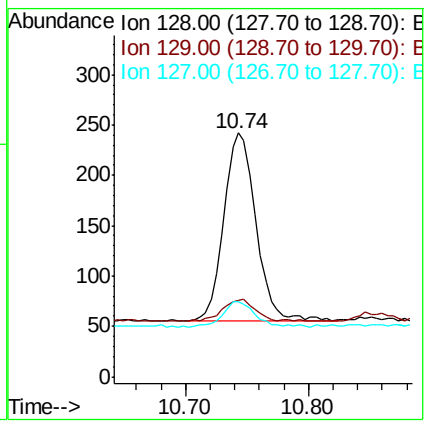
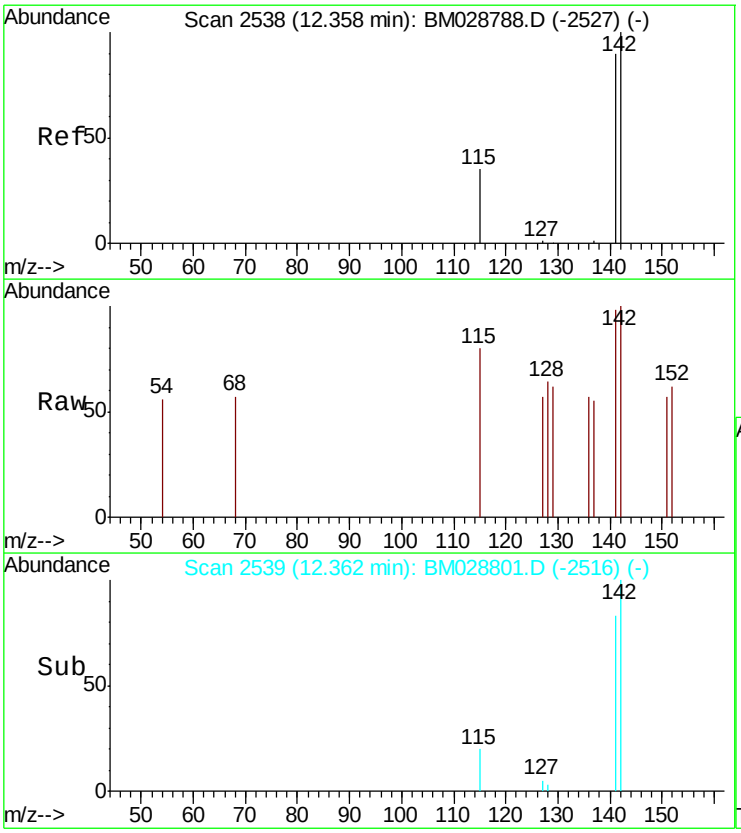
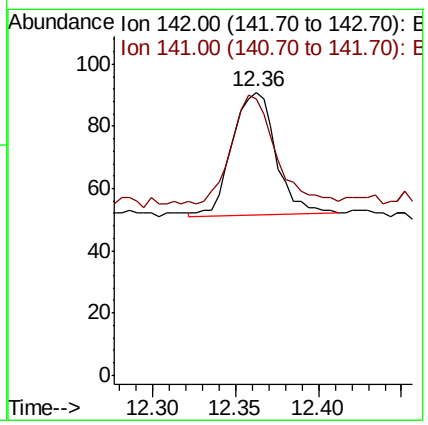


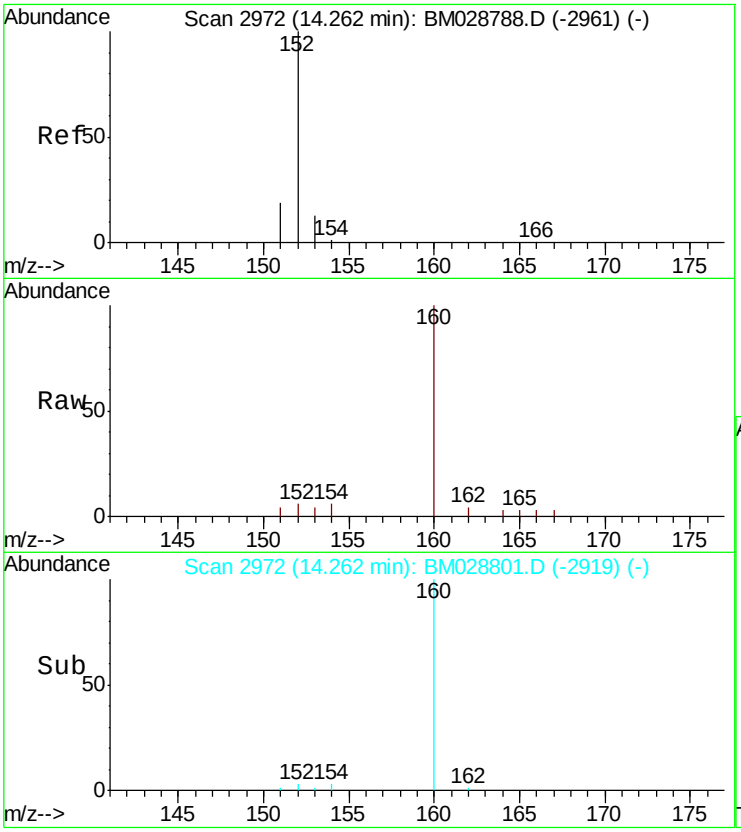


#5
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.36 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BM028801.D
Acq: 18 Feb 2021 17:52

Tgt Ion:142 Resp: 73

Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.2	108.4

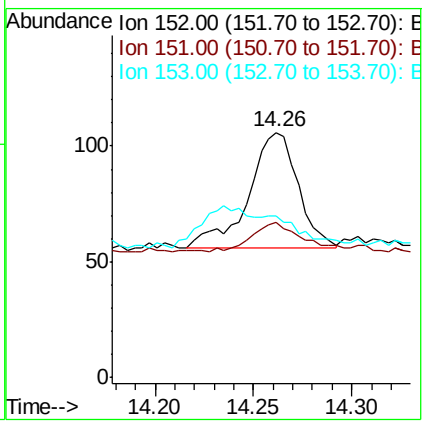




#7
Acenaphthylene
Concen: 0.023 ng/ul
RT: 14.26 min Scan# 2972
Delta R.T. -0.00 min
Lab File: BM028801.D
Acq: 18 Feb 2021 17:52

Tgt Ion:152 Resp: 87

Ion	Ratio	Lower	Upper
152	100		
151	63.2	18.0	27.0#
153	66.0	13.4	20.0#



Instrument :
BNA_M
ClientSampleId :
DBGK9

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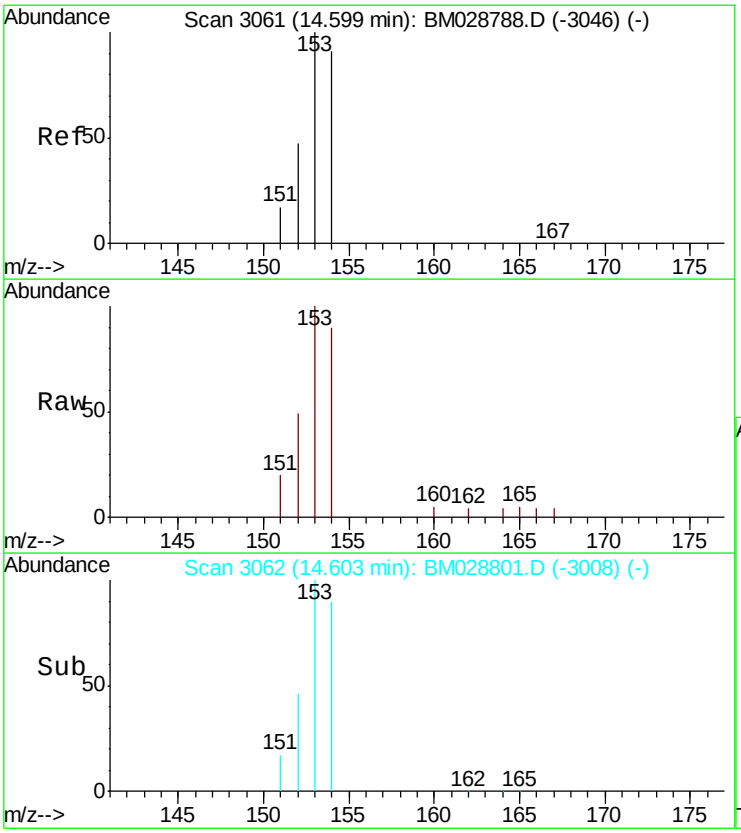
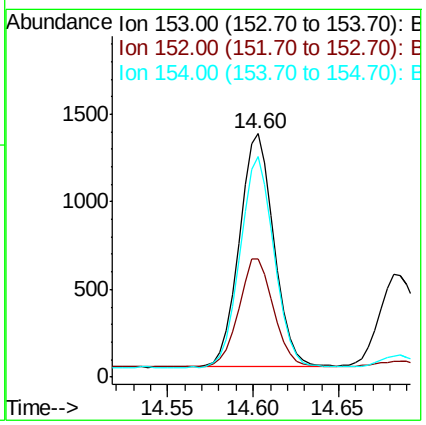
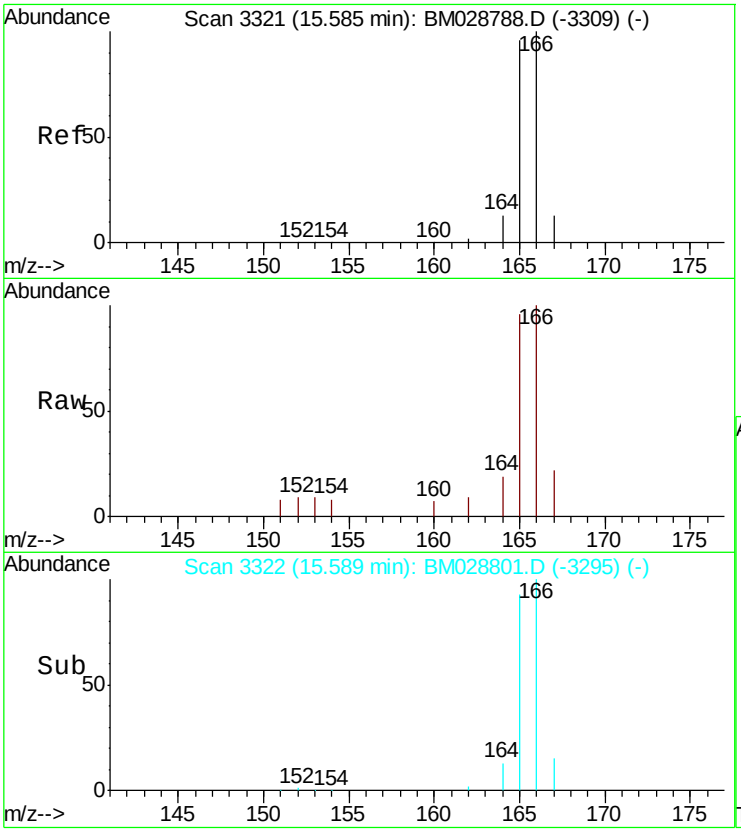


#8
Acenaphthene
Concen: 0.633 ng/ul
RT: 14.60 min Scan# 3062
Delta R.T. 0.00 min
Lab File: BM028801.D
Acq: 18 Feb 2021 17:52

Tgt Ion:153 Resp: 1887

Ion	Ratio	Lower	Upper
153	100		
152	48.5	39.6	59.4
154	90.4	70.3	105.5

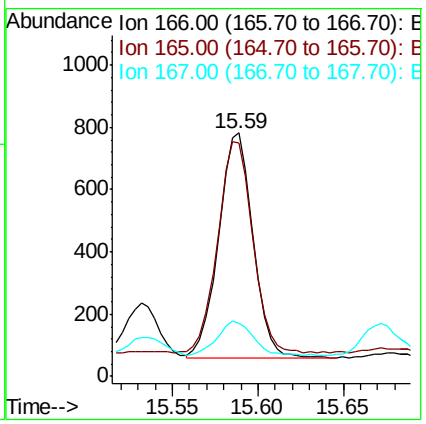




#9
Fluorene
Concen: 0.305 ng/ul
RT: 15.59 min Scan# 3322
Delta R.T. 0.00 min
Lab File: BM028801.D
Acq: 18 Feb 2021 17:52

Tgt Ion:166 Resp: 1009

Ion	Ratio	Lower	Upper
166	100		
165	95.9	79.6	119.4
167	22.0	13.9	20.9#



Instrument :
BNA_M
ClientSampleId :
DBGK9

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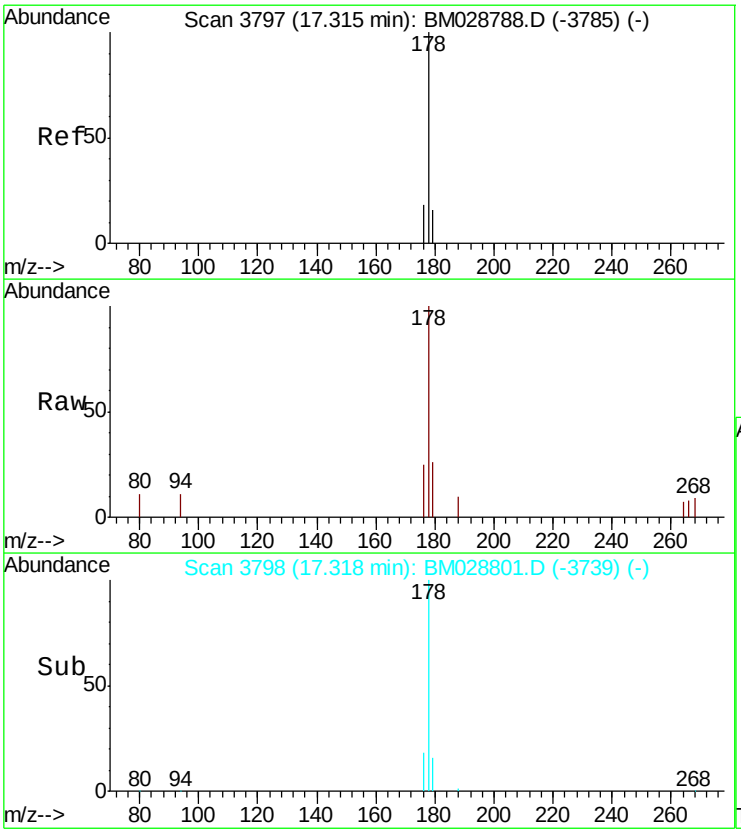
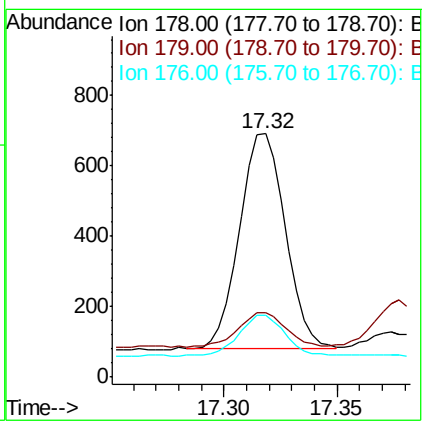
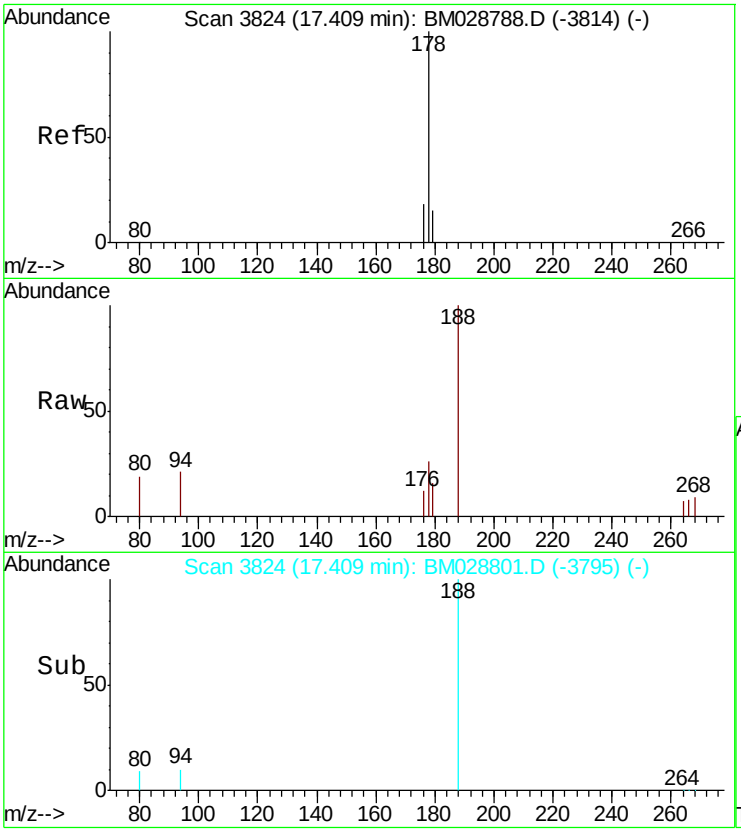


#12
Phenanthrene
Concen: 0.176 ng/ul
RT: 17.32 min Scan# 3798
Delta R.T. 0.00 min
Lab File: BM028801.D
Acq: 18 Feb 2021 17:52

Tgt Ion:178 Resp: 861

Ion	Ratio	Lower	Upper
178	100		
179	26.3	14.7	22.1#
176	25.1	16.7	25.1#





#13
Anthracene
Concen: 0.028 ng/ul
RT: 17.41 min Scan# 3824
Delta R.T. -0.00 min
Lab File: BM028801.D
Acq: 18 Feb 2021 17:52

Tgt Ion:178 Resp: 131

Ion	Ratio	Lower	Upper
178	100		
179	60.3	15.0	22.4#
176	46.6	16.6	24.8#

Instrument :
BNA_M
ClientSampleId :
DBGK9

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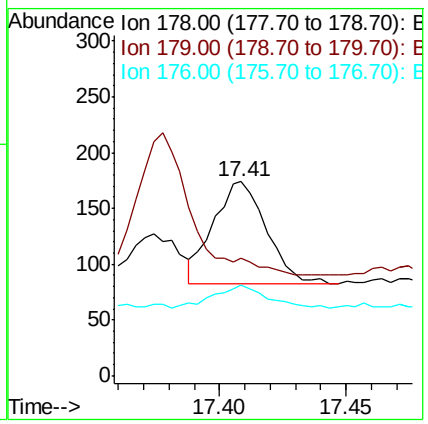
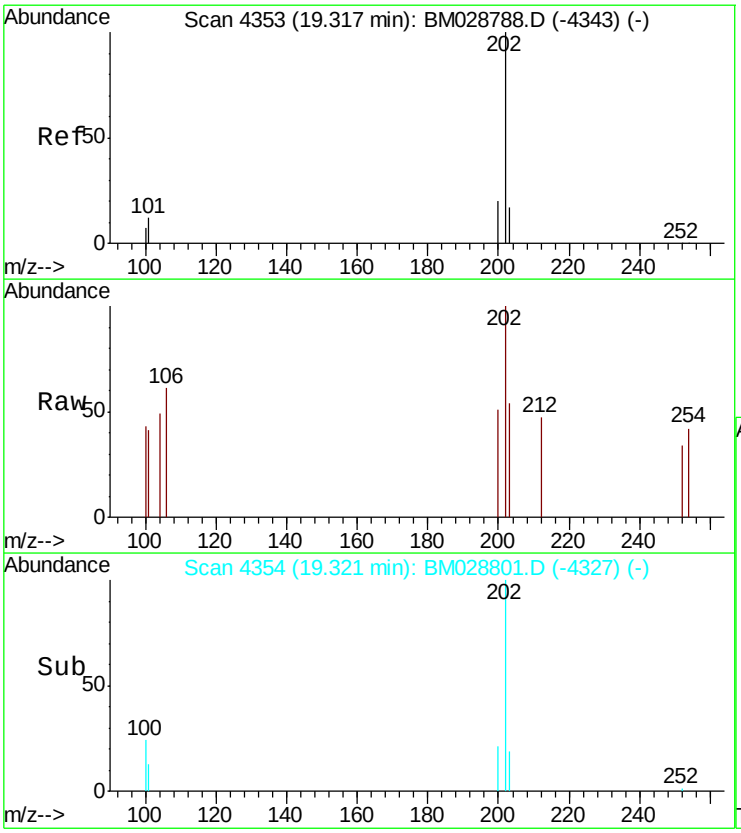
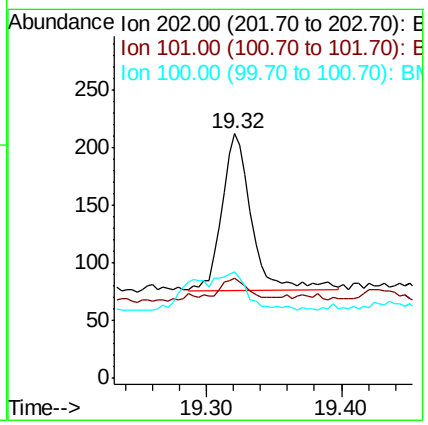


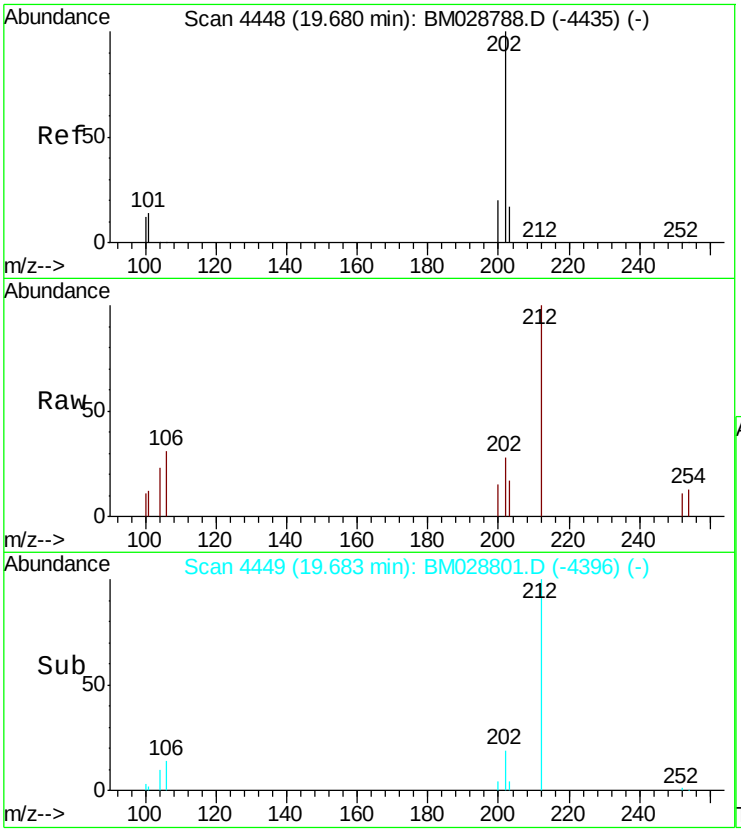


#15
Fluoranthene
Concen: 0.037 ng/ul
RT: 19.32 min Scan# 4354
Delta R.T. 0.00 min
Lab File: BM028801.D
Acq: 18 Feb 2021 17:52

Tgt Ion:202 Resp: 206

Ion	Ratio	Lower	Upper
202	100		
101	40.6	0.0	34.5#
100	43.4	0.0	31.7#

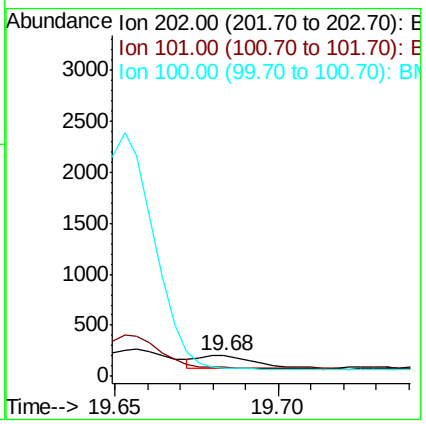




#17
Pyrene
Concen: 0.022 ng/ul
RT: 19.68 min Scan# 4449
Delta R.T. 0.00 min
Lab File: BM028801.D
Acq: 18 Feb 2021 17:52

Tgt Ion:202 Resp: 132

Ion	Ratio	Lower	Upper
202	100		
101	42.4	12.7	19.1#
100	39.9	10.2	15.4#



Instrument :
BNA_M
ClientSampleId :
DBGK9

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