Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022820\
Data File : BM025166.D
Acq On : 29 Feb 2020 13:54
Operator : CG/JU
Sample : L1507-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 02 01:55:35 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 : Mon Mar 02 01:15:39 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : DBD12

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	3411	0.40	ng/ul	0.00
2) Naphthalene-d8	10.45	136	13631	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	11761	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	30157	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	47223	0.40	ng/ul	0.01
20) Perylene-d12	23.44	264	53236	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	5864	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	15519	0.15	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.50	128	574643	13.849	ng/ul#	82
5) 2-Methylnaphthalene	12.12	142	449240	15.004	ng/ul	100
7) Acenaphthylene	14.03	152	391311	5.771	ng/ul	93
8) Acenaphthene	14.37	153	801170	17.585	ng/ul	97
9) Fluorene	15.36	166	701097	12.263	ng/ul#	95
12) Phenanthrene	17.10	178	3756943	35.418	ng/ul	96
13) Anthracene	17.19	178	1781658	17.330	ng/ul	95
15) Fluoranthene	19.13	202	13920360	90.346	ng/ul	96
17) Pyrene	19.49	202	20908475	98.261	ng/ul#	89
18) Benzo(a)anthracene	21.24	228	6600274	32.373	ng/ul	94
19) Chrysene	21.29	228	8230318	40.526	ng/ul	98
21) Benzo(b)fluoranthene	22.80	252	9750207m	46.723	ng/ul	
22) Benzo(k)fluoranthene	22.84	252	3204642m	15.501	ng/ul	
23) Benzo(a)pyrene	23.36	252	3965780	20.814	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.64	276	2025007	8.483	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.64	278	560536m	2.794	ng/ul	
26) Benzo(g,h,i)perylene	26.31	276	1290613	6.416	ng/ul#	91

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

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Instrument :
BNA_M
ClientSampleId :
DBD12

Manual Integrations APPROVED
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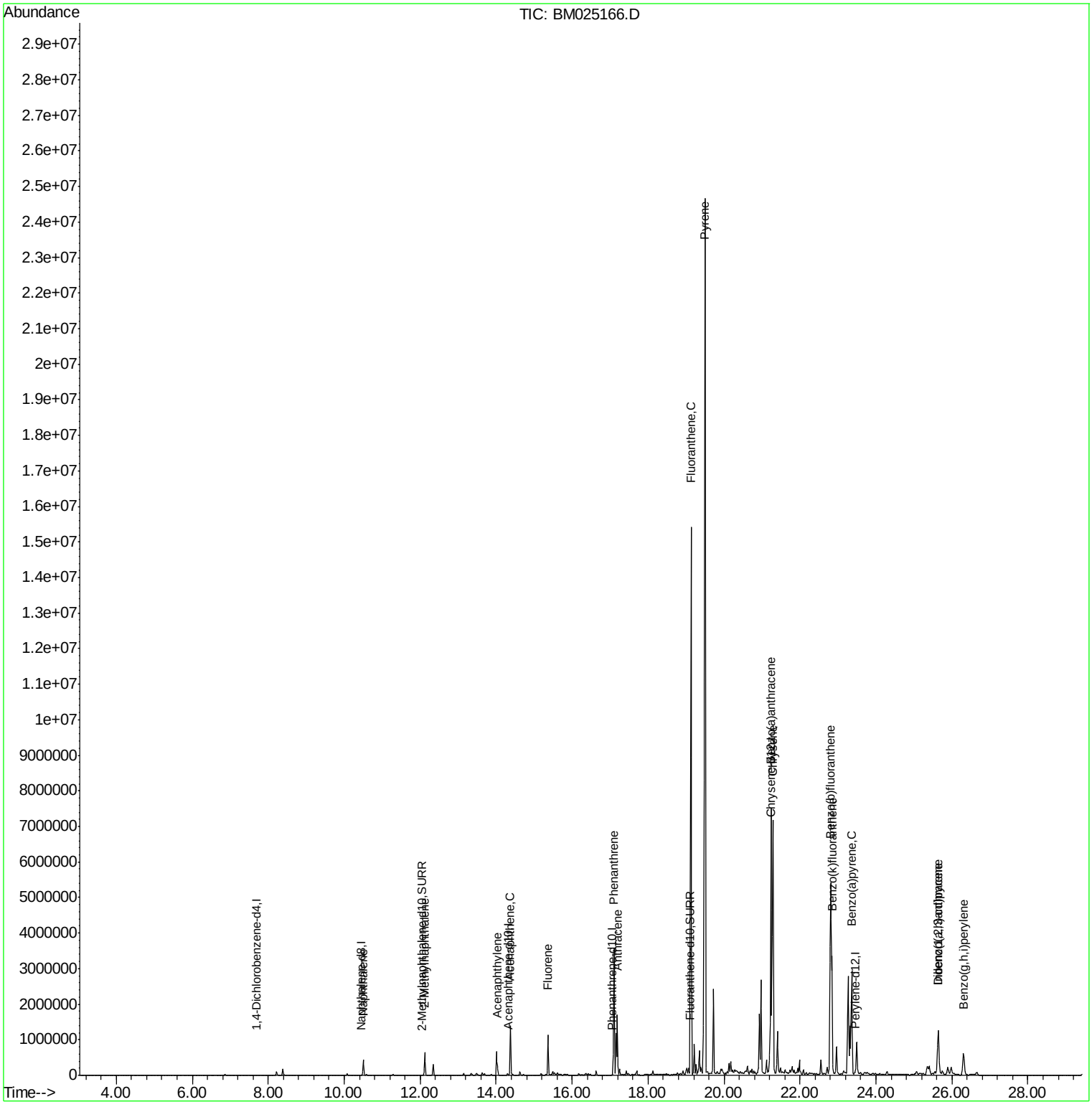

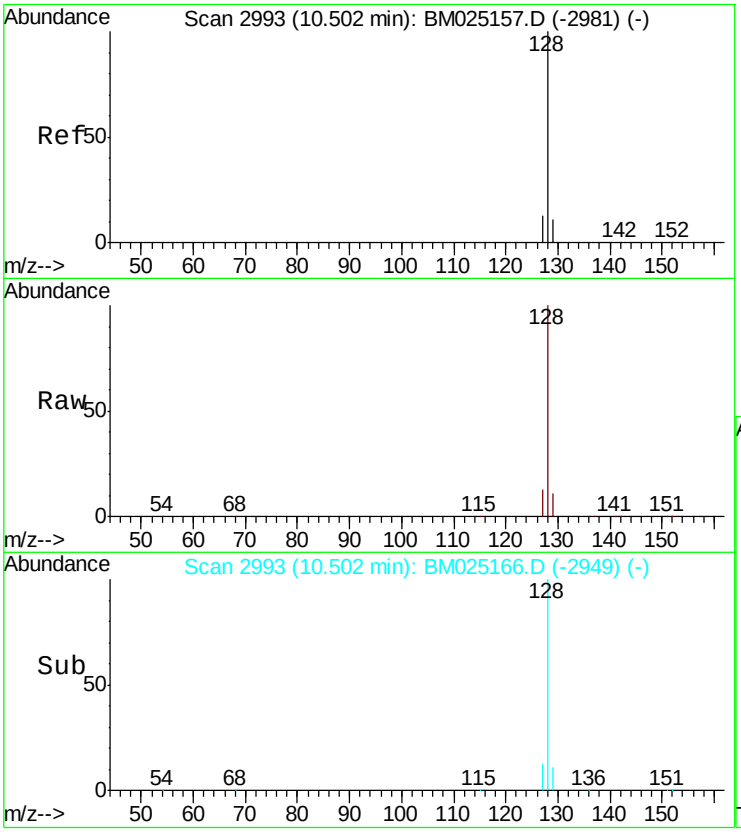

#3
Naphthalene
Concen: 13.849 ng/ul
RT: 10.50 min Scan# 2993
Delta R.T. 0.00 min
Lab File: BM025166.D
Acq: 29 Feb 2020 13:54

Tgt Ion:128 Resp: 574643

Ion	Ratio	Lower	Upper
128	100		
129	11.0	17.0	25.6#
127	12.9	15.7	23.5#

Instrument :
BNA_M
ClientSampleId :
DBD12

Manual Integrations APPROVED
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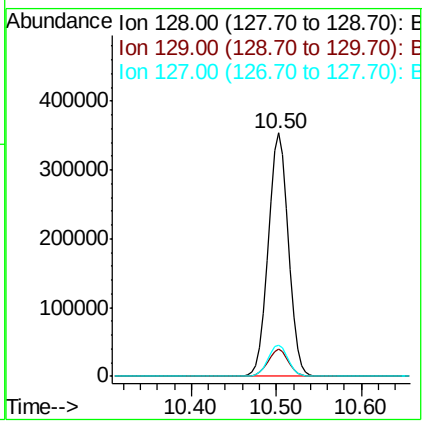
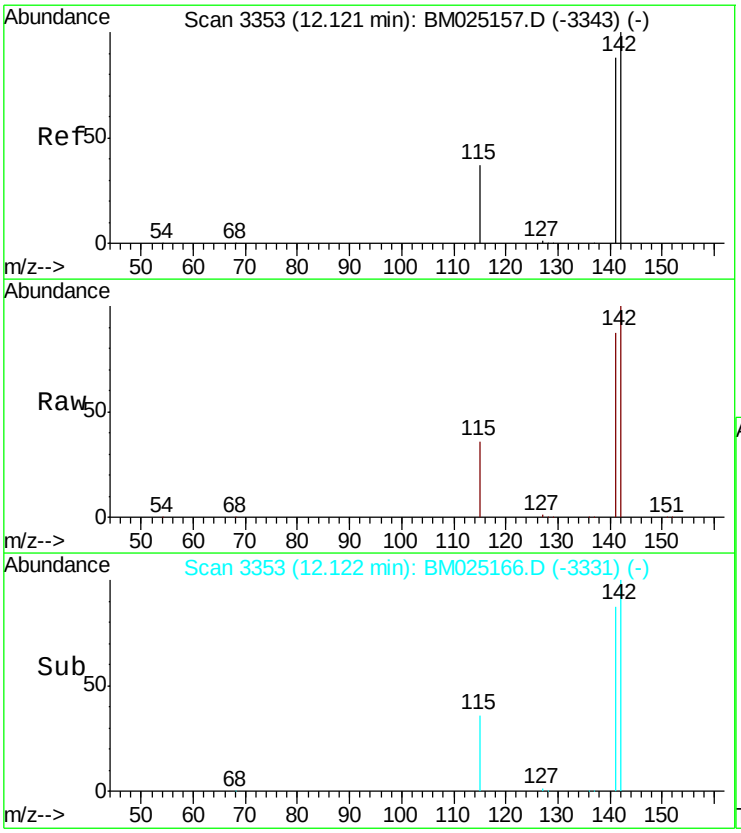
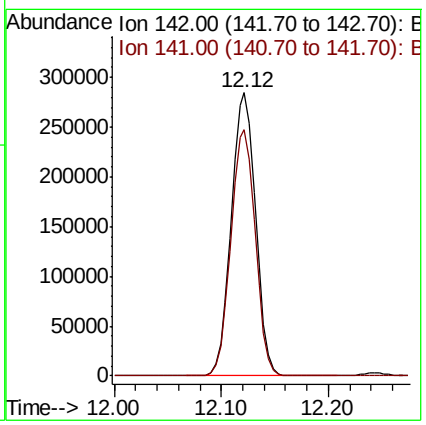


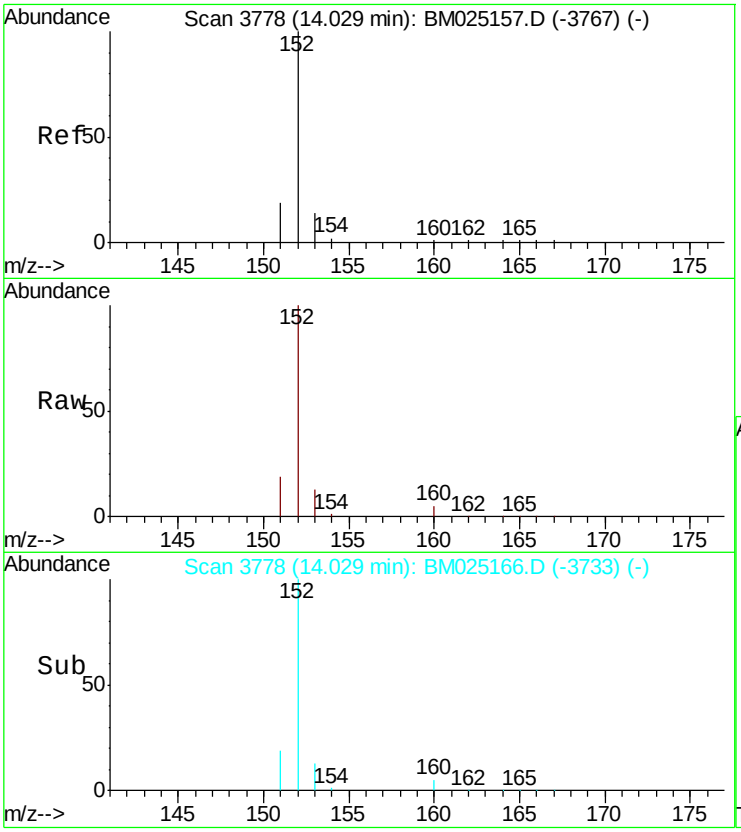


#5
2-Methylnaphthalene
Concen: 15.004 ng/ul
RT: 12.12 min Scan# 3353
Delta R.T. 0.00 min
Lab File: BM025166.D
Acq: 29 Feb 2020 13:54

Tgt Ion:142 Resp: 449240

Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.8	104.8

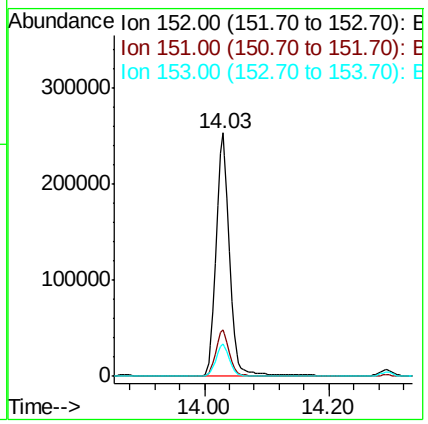




#7
Acenaphthylene
Concen: 5.771 ng/ul
RT: 14.03 min Scan# 3778
Delta R.T. 0.00 min
Lab File: BM025166.D
Acq: 29 Feb 2020 13:54

Tgt Ion:152 Resp: 391311

Ion	Ratio	Lower	Upper
152	100		
151	19.4	17.8	26.8
153	13.4	13.3	19.9



Instrument :
BNA_M
ClientSampleId :
DBD12

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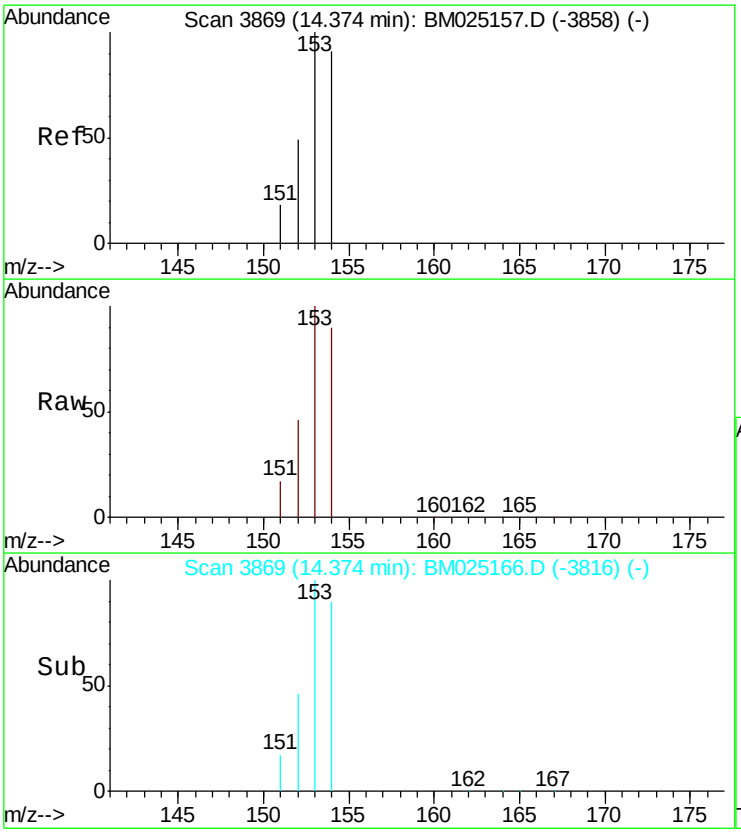
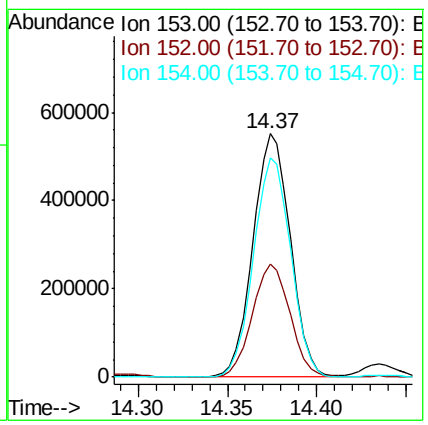
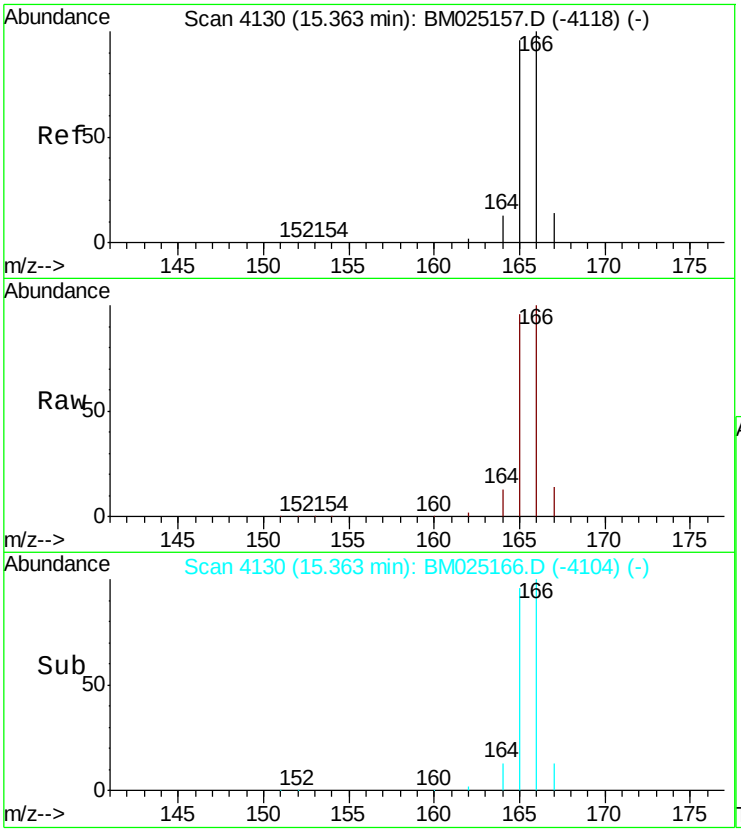


#8
Acenaphthene
Concen: 17.585 ng/ul
RT: 14.37 min Scan# 3869
Delta R.T. 0.00 min
Lab File: BM025166.D
Acq: 29 Feb 2020 13:54

Tgt Ion:153 Resp: 801170

Ion	Ratio	Lower	Upper
153	100		
152	46.5	40.0	60.0
154	90.0	71.0	106.6

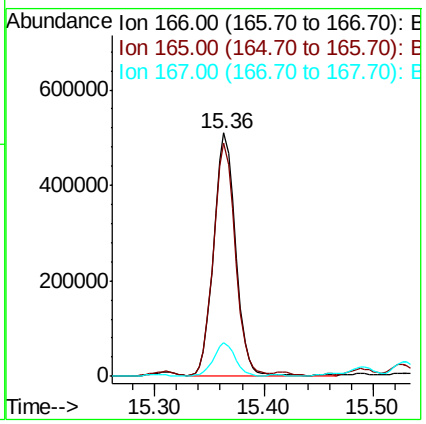




#9
Fluorene
Concen: 12.263 ng/ul
RT: 15.36 min Scan# 4130
Delta R.T. 0.00 min
Lab File: BM025166.D
Acq: 29 Feb 2020 13:54

Tgt Ion:166 Resp: 701097

Ion	Ratio	Lower	Upper
166	100		
165	95.8	80.0	120.0
167	13.6	13.7	20.5#



Instrument :
BNA_M
ClientSampleId :
DBD12

Manual Integrations APPROVED
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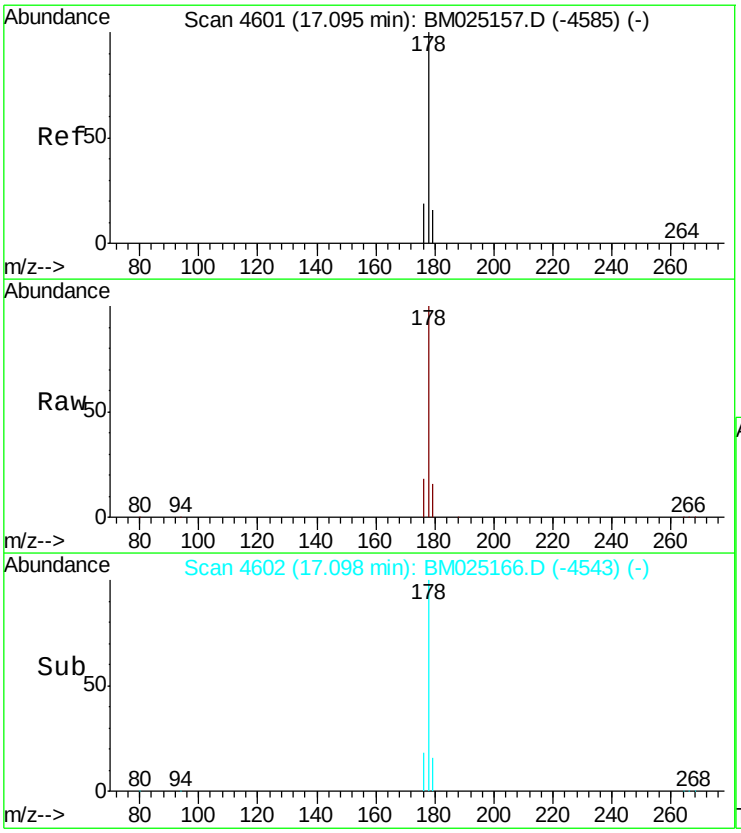
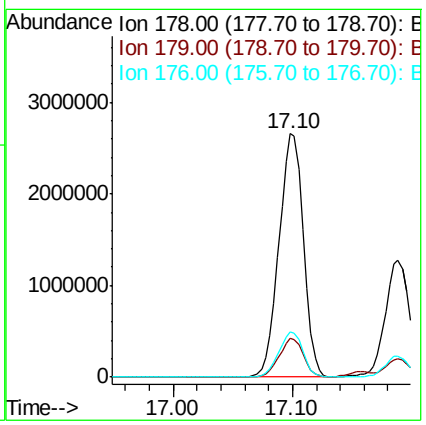
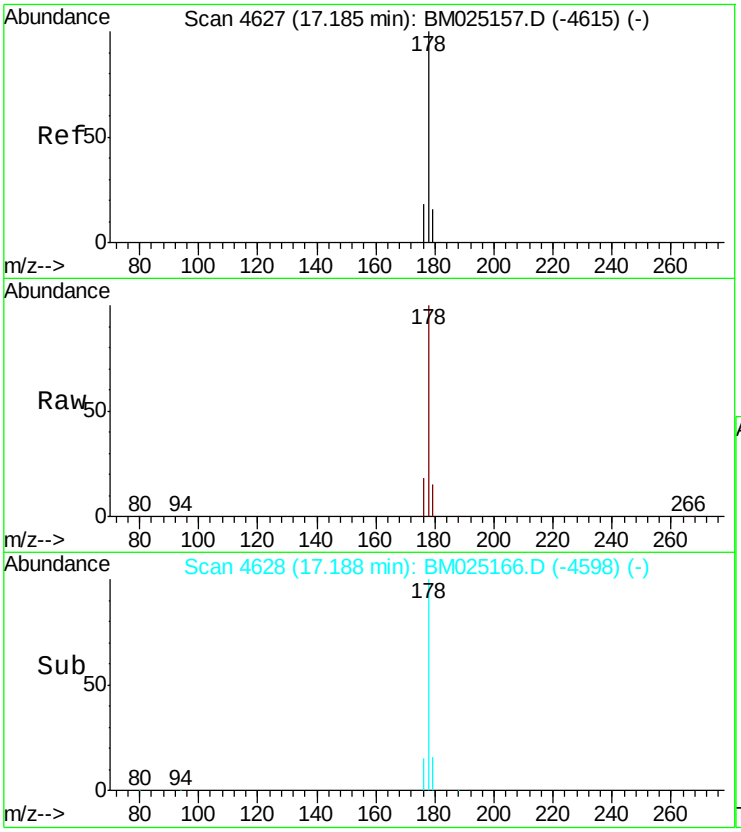


#12
Phenanthrene
Concen: 35.418 ng/ul
RT: 17.10 min Scan# 4602
Delta R.T. 0.00 min
Lab File: BM025166.D
Acq: 29 Feb 2020 13:54

Tgt Ion:178 Resp: 3756943

Ion	Ratio	Lower	Upper
178	100		
179	15.8	14.0	21.0
176	18.4	16.6	24.8

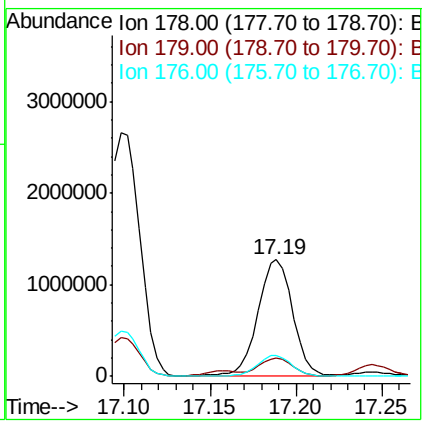




#13
Anthracene
Concen: 17.330 ng/ul
RT: 17.19 min Scan# 4628
Delta R.T. 0.00 min
Lab File: BM025166.D
Acq: 29 Feb 2020 13:54

Tgt Ion:178 Resp: 1781658

Ion	Ratio	Lower	Upper
178	100		
179	15.5	14.1	21.1
176	17.8	16.2	24.4



Instrument :
BNA_M
ClientSampleId :
DBD12

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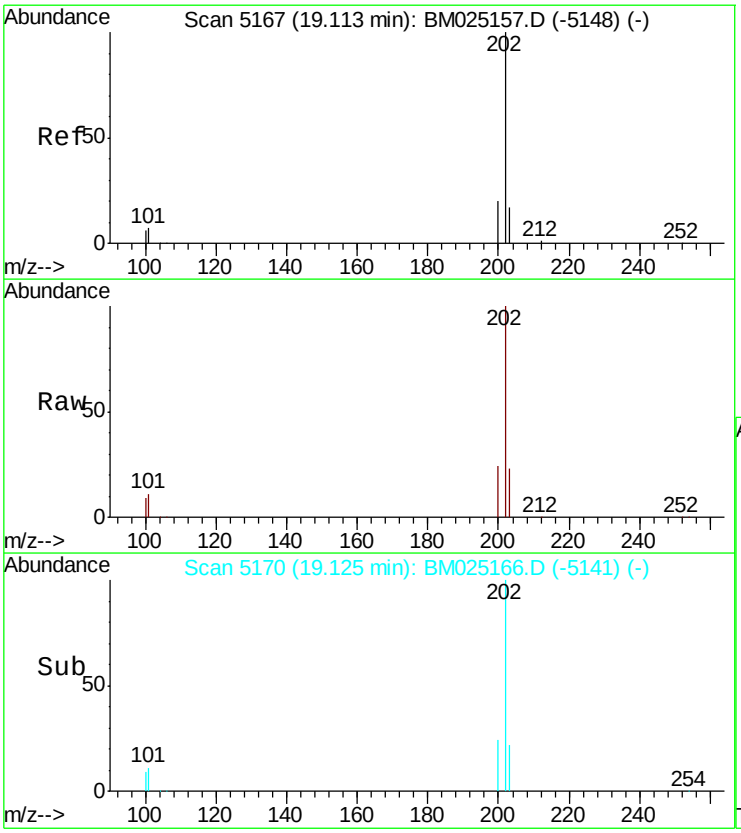
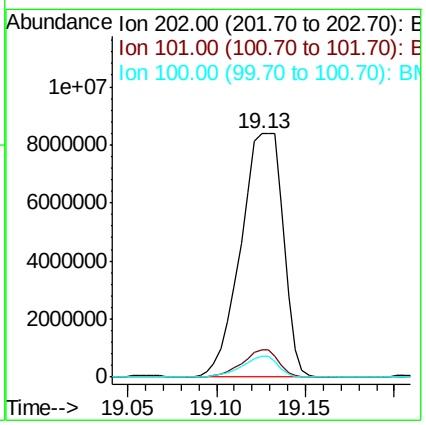
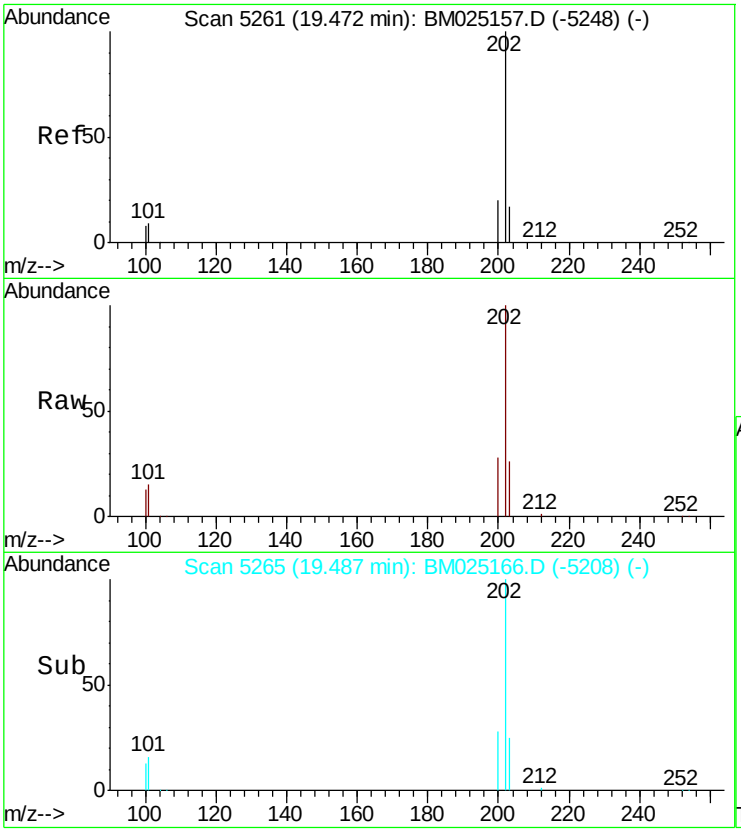


#15
Fluoranthene
Concen: 90.346 ng/ul
RT: 19.13 min Scan# 5170
Delta R.T. 0.01 min
Lab File: BM025166.D
Acq: 29 Feb 2020 13:54

Tgt Ion:202 Resp:13920360

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	29.4
100	8.7	0.0	28.0





#17
Pyrene
Concen: 98.261 ng/ul
RT: 19.49 min Scan# 5265
Delta R.T. 0.02 min
Lab File: BM025166.D
Acq: 29 Feb 2020 13:54

Tgt Ion:202 Resp:20908475

Ion	Ratio	Lower	Upper
202	100		
101	15.4	8.7	13.1#
100	12.8	7.3	10.9#

Instrument :
BNA_M
ClientSampleId :
DBD12

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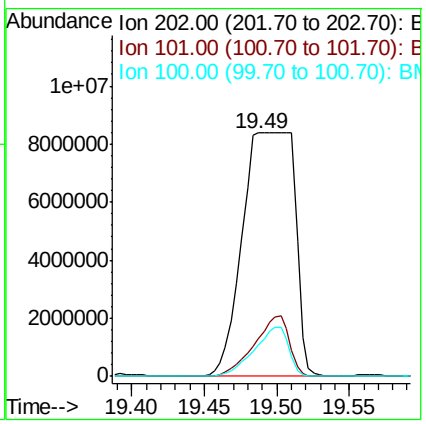
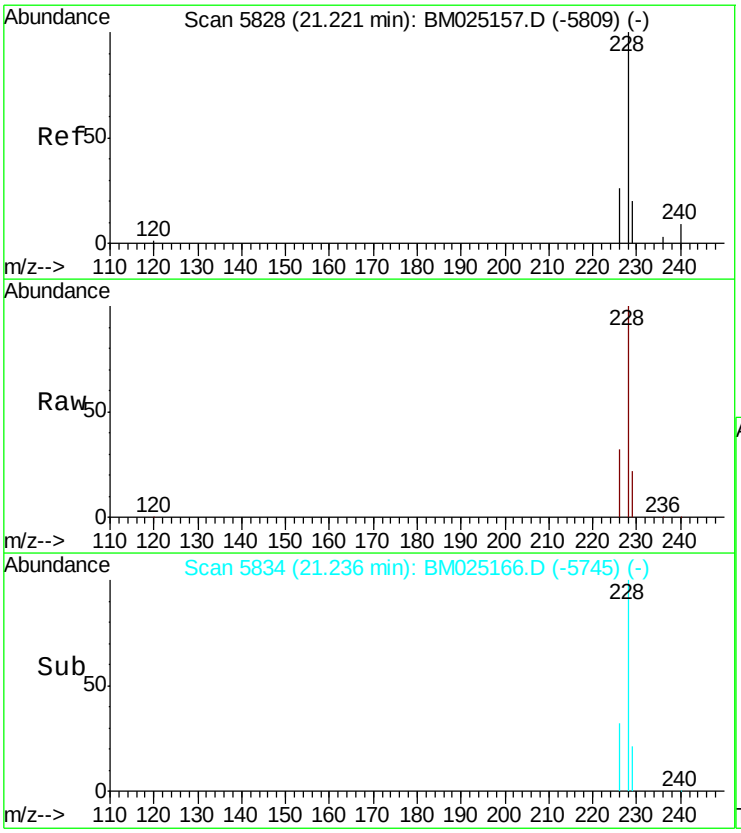
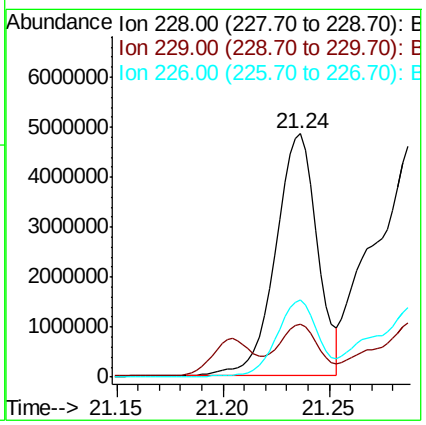


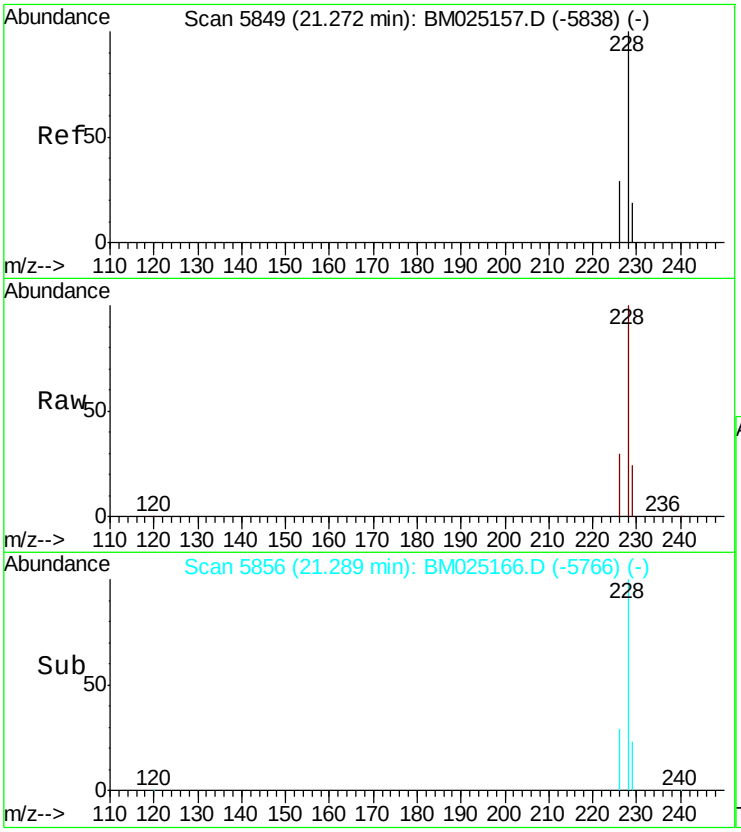


#18
Benzo(a)anthracene
Concen: 32.373 ng/ul
RT: 21.24 min Scan# 5834
Delta R.T. 0.01 min
Lab File: BM025166.D
Acq: 29 Feb 2020 13:54

Tgt Ion:228 Resp: 6600274

Ion	Ratio	Lower	Upper
228	100		
229	21.9	16.6	25.0
226	31.7	21.9	32.9

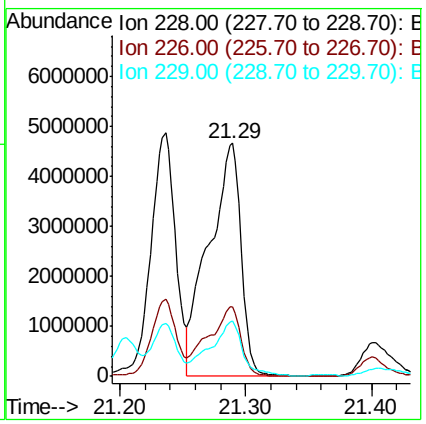




#19
Chrysene
Concen: 40.526 ng/ul
RT: 21.29 min Scan# 5856
Delta R.T. 0.02 min
Lab File: BM025166.D
Acq: 29 Feb 2020 13:54

Tgt Ion:228 Resp: 8230318

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.8
229	23.6	16.9	25.3



Instrument :
BNA_M
ClientSampleId :
DBD12

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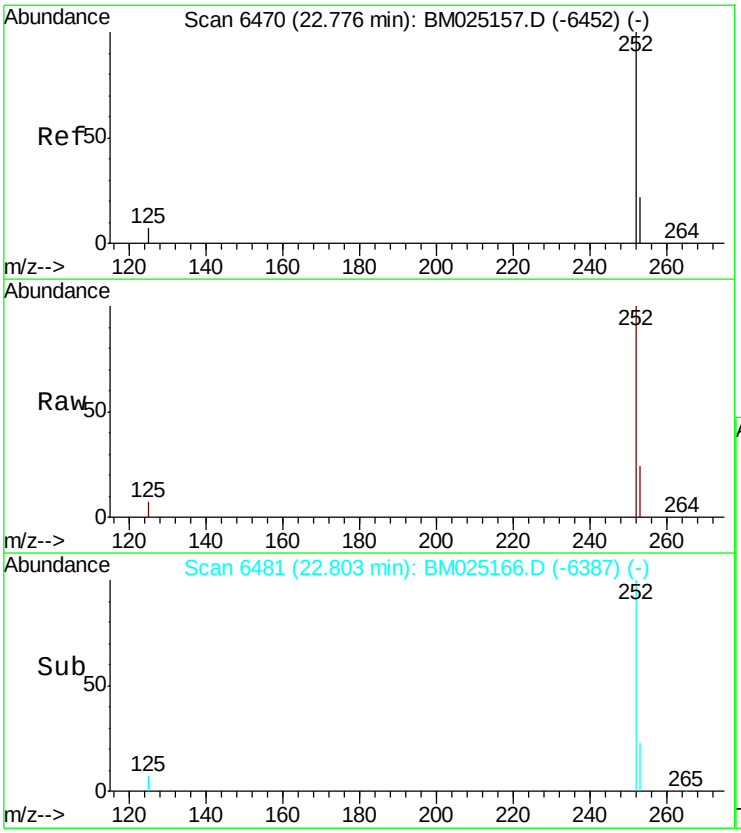
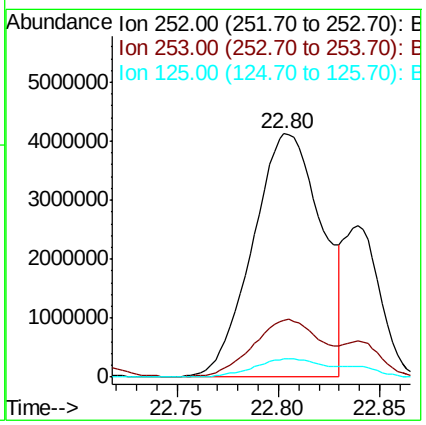
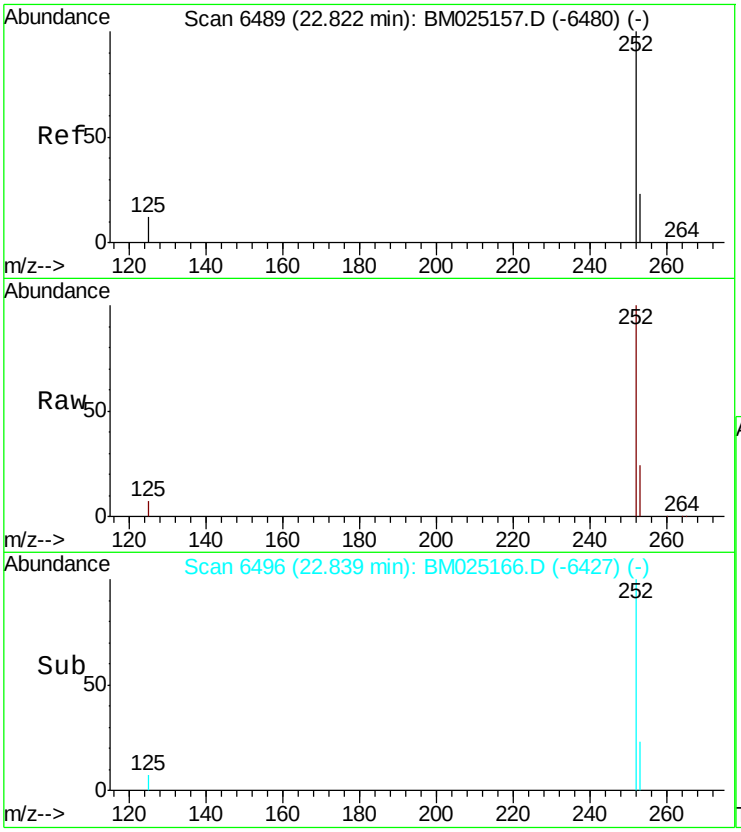


#21
Benzo(b)fluoranthene
Concen: 46.723 ng/ul m
RT: 22.80 min Scan# 6481
Delta R.T. 0.03 min
Lab File: BM025166.D
Acq: 29 Feb 2020 13:54

Tgt Ion:252 Resp: 9750207

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	49.8
125	7.4	0.0	28.6





#22
Benzo(k)fluoranthene
Concen: 15.501 ng/ul m
RT: 22.84 min Scan# 6496
Delta R.T. 0.02 min
Lab File: BM025166.D
Acq: 29 Feb 2020 13:54

Tgt Ion:252 Resp: 3204642

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.4	29.0
125	6.9	10.7	16.1#

Instrument :
BNA_M
ClientSampleId :
DBD12

Manual Integrations APPROVED
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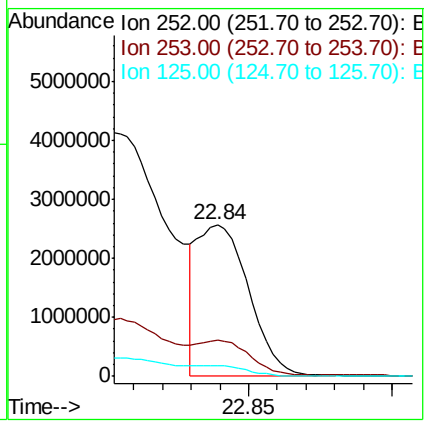
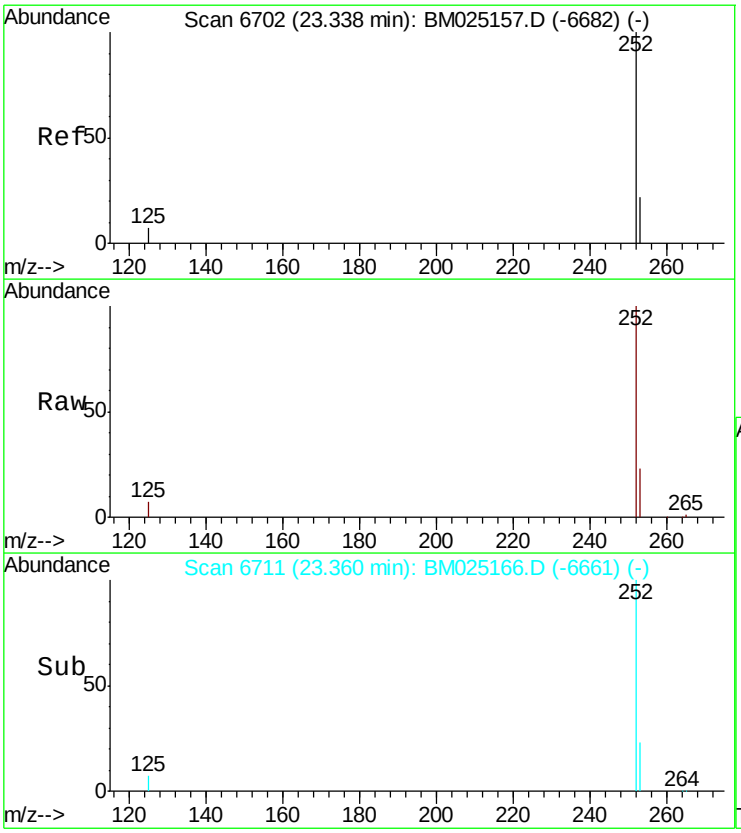
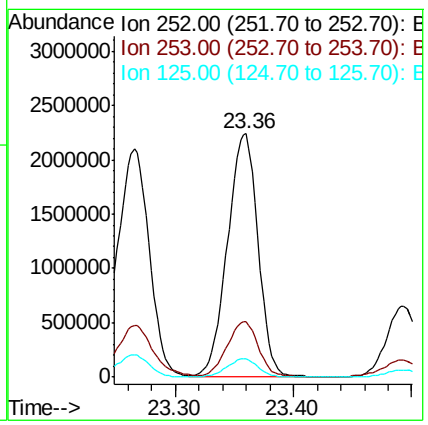


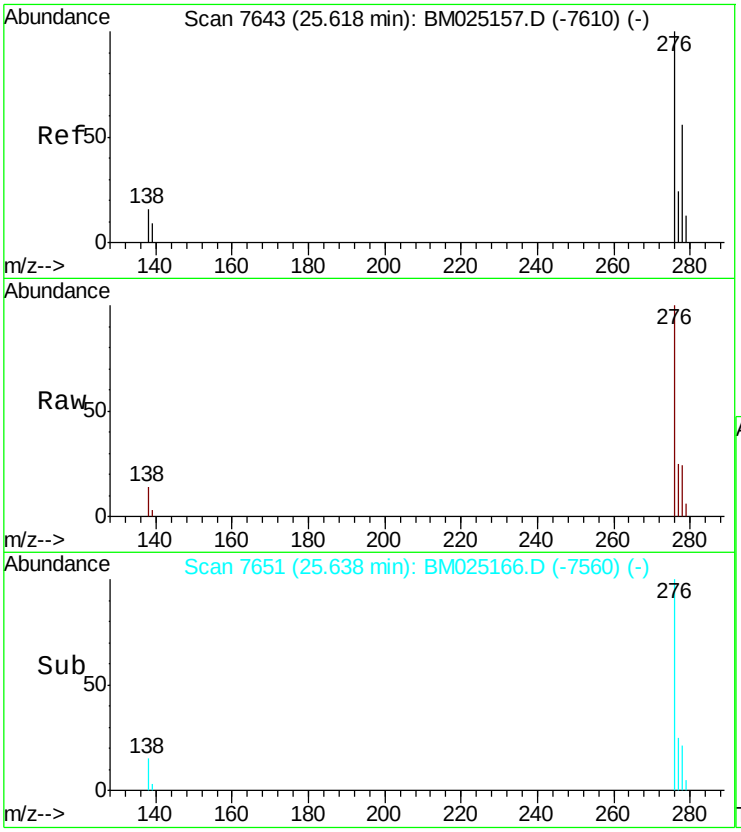


#23
Benzo(a)pyrene
Concen: 20.814 ng/ul
RT: 23.36 min Scan# 6711
Delta R.T. 0.02 min
Lab File: BM025166.D
Acq: 29 Feb 2020 13:54

Tgt Ion:252 Resp: 3965780

Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.3	30.5
125	7.5	13.0	19.4#

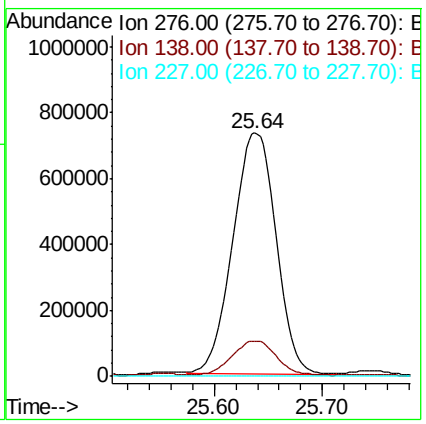




#24
Indeno(1,2,3-cd)pyrene
Concen: 8.483 ng/ul
RT: 25.64 min Scan# 7651
Delta R.T. 0.02 min
Lab File: BM025166.D
Acq: 29 Feb 2020 13:54

Tgt Ion:276 Resp: 2025007

Ion	Ratio	Lower	Upper
276	100		
138	15.0	0.0	0.0#
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
DBD12

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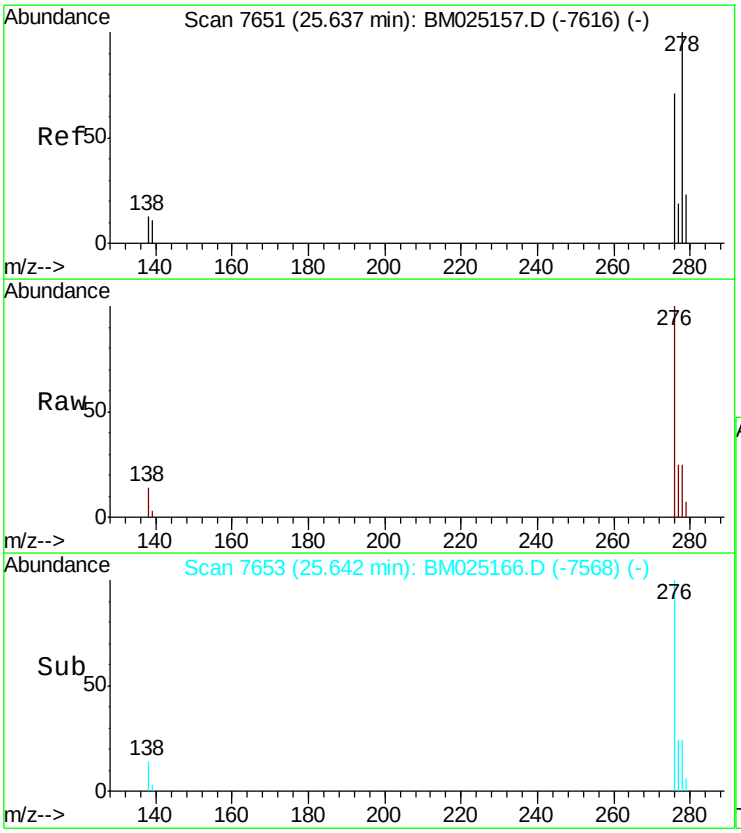
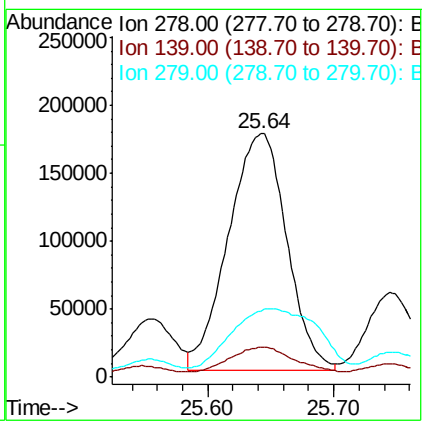
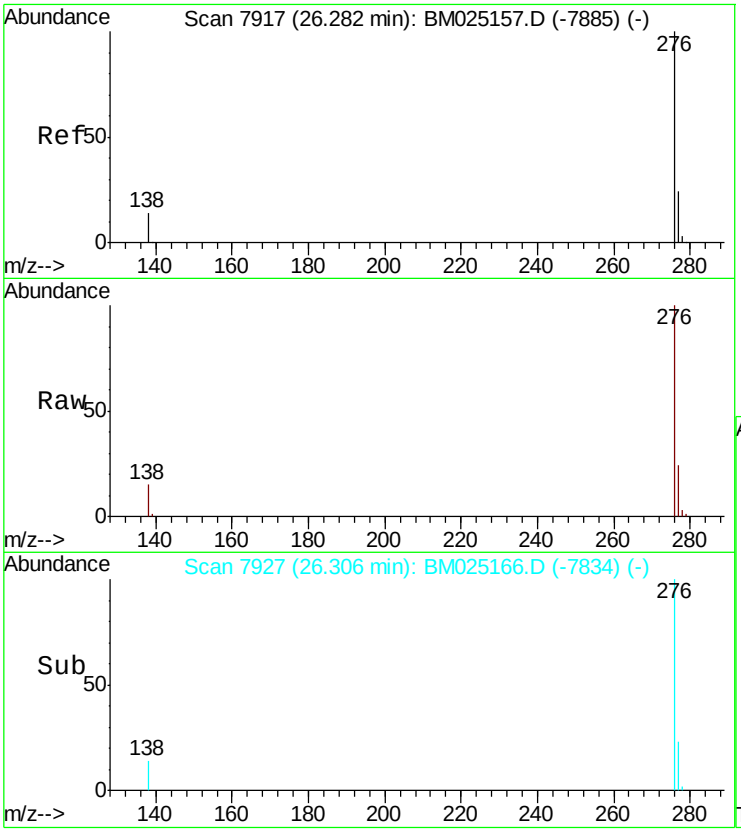


#25
Dibenzo(a,h)anthracene
Concen: 2.794 ng/ul m
RT: 25.64 min Scan# 7653
Delta R.T. 0.01 min
Lab File: BM025166.D
Acq: 29 Feb 2020 13:54

Tgt Ion:278 Resp: 560536

Ion	Ratio	Lower	Upper
278	100		
139	12.4	13.2	19.8#
279	27.2	21.0	31.4

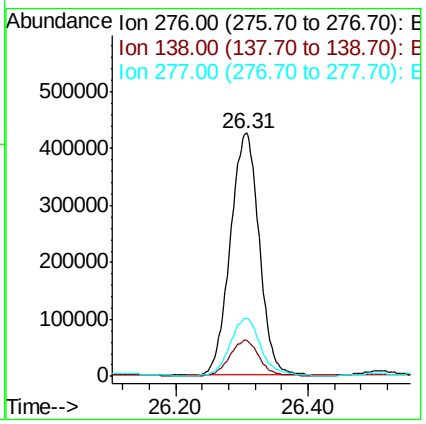




#26
Benzo(g,h,i)perylene
Concen: 6.416 ng/ul
RT: 26.31 min Scan# 7927
Delta R.T. 0.02 min
Lab File: BM025166.D
Acq: 29 Feb 2020 13:54

Tgt Ion:276 Resp: 1290613

Ion	Ratio	Lower	Upper
276	100		
138	14.8	17.9	26.9#
277	24.0	20.5	30.7



Instrument :
BNA_M
ClientSampleId :
DBD12

Manual Integrations APPROVED
Sohil
3/3/2020 8:39:40 AM