Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027913.D
Acq On : 23 Nov 2020 14:59
Operator : JU/CG
Sample : L4711-10DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B53DL

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Quant Time: Nov 23 15:34:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 11:35:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1119	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	4473	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2581	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4868	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	2778	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2506	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	179	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	304	0.02	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.67	152	283	0.022	ng/ul#	60
8) Acenaphthene	15.00	153	1342	0.142	ng/ul	98
9) Fluorene	15.98	166	1648	0.151	ng/ul	99
12) Phenanthrene	17.70	178	48864	3.178	ng/ul	97
13) Anthracene	17.79	178	7009	0.473	ng/ul	99
15) Fluoranthene	19.68	202	102780	6.028	ng/ul	100
17) Pyrene	20.04	202	78546	5.567	ng/ul	99
18) Benzo(a)anthracene	21.75	228	34715	3.097	ng/ul	100
19) Chrysene	21.80	228	38548	3.531	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	43822m	4.161	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	16119m	1.563	ng/ul	
23) Benzo(a)pyrene	24.08	252	27664	3.004	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.68	276	18417	1.847	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.69	278	4805	0.579	ng/ul	98
26) Benzo(g,h,i)perylene	27.46	276	15592	1.864	ng/ul	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027913.D
Acq On : 23 Nov 2020 14:59
Operator : JU/CG
Sample : L4711-10DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 23 15:34:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 11:35:49 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B53DL

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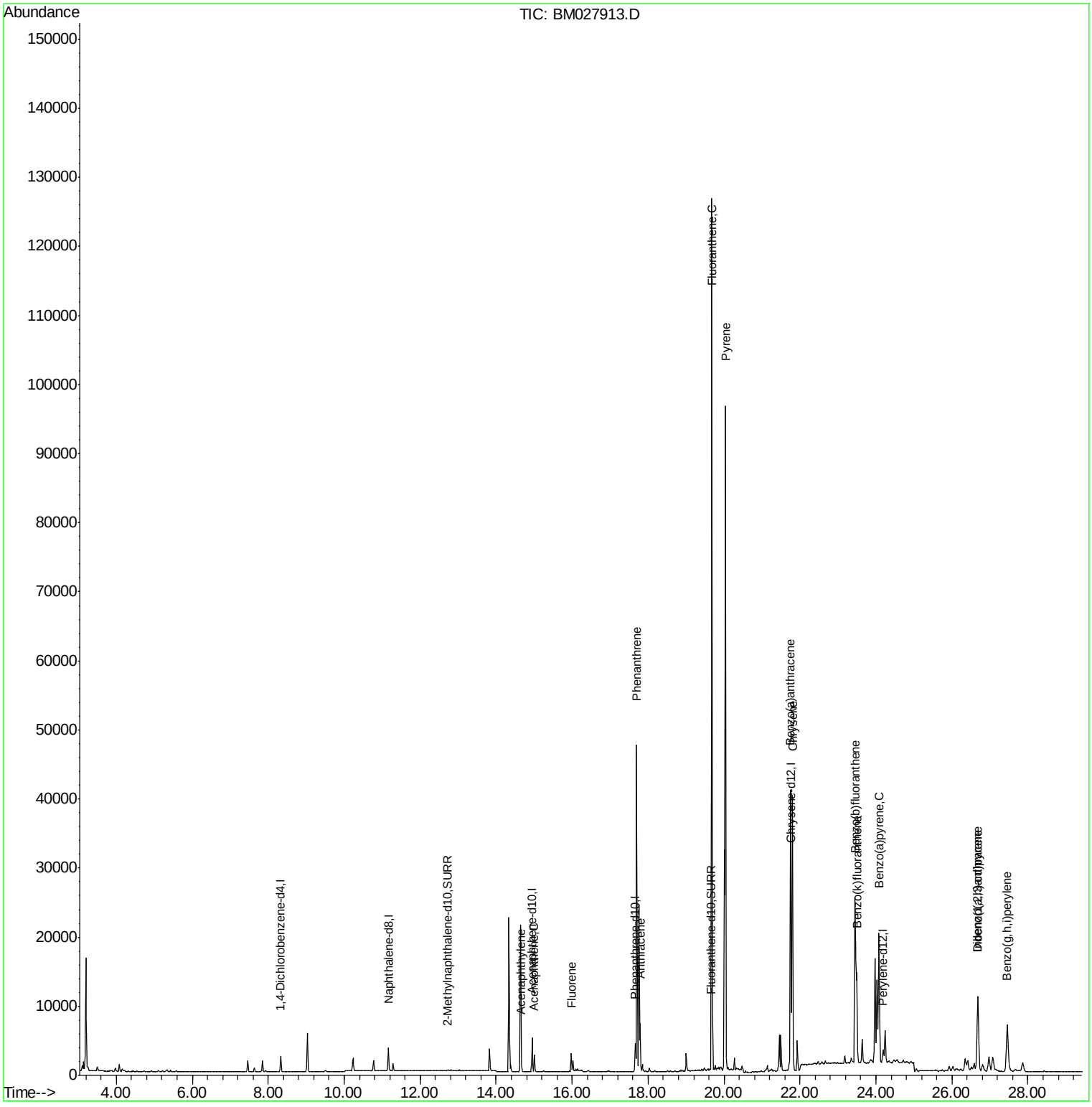
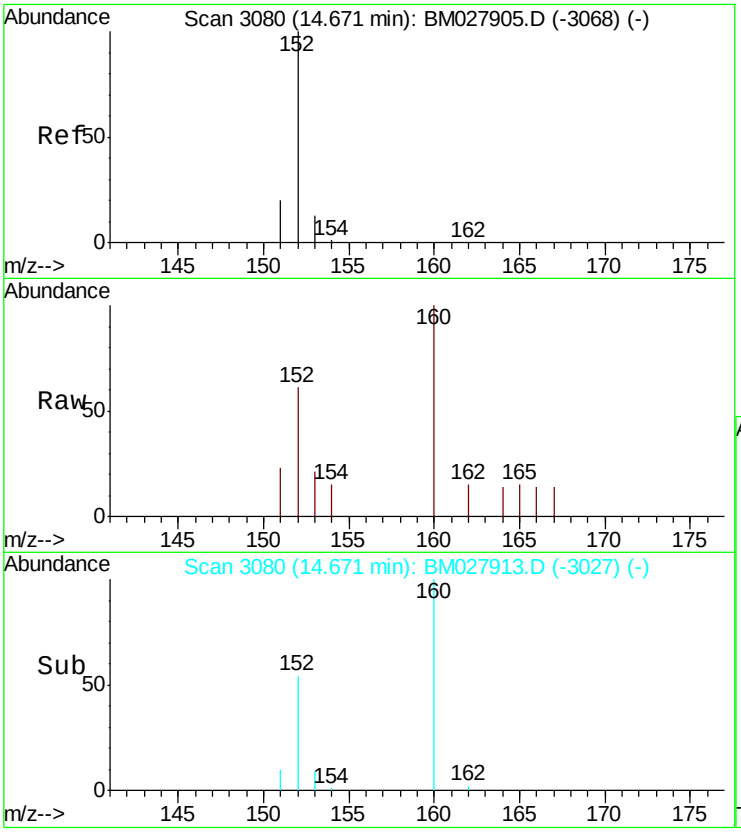
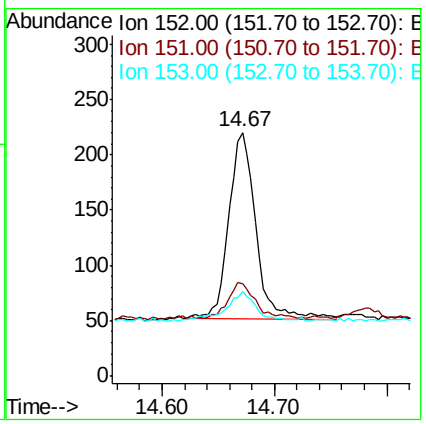




#7
Acenaphthylene
Concen: 0.022 ng/ul
RT: 14.67 min Scan# 3080
Delta R.T. 0.00 min
Lab File: BM027913.D
Acq: 23 Nov 2020 14:59

Tgt Ion:152 Resp: 283

Ion	Ratio	Lower	Upper
152	100		
151	37.7	17.1	25.7#
153	34.5	12.0	18.0#



Instrument :
BNA_M
ClientSampleId :
C0B53DL

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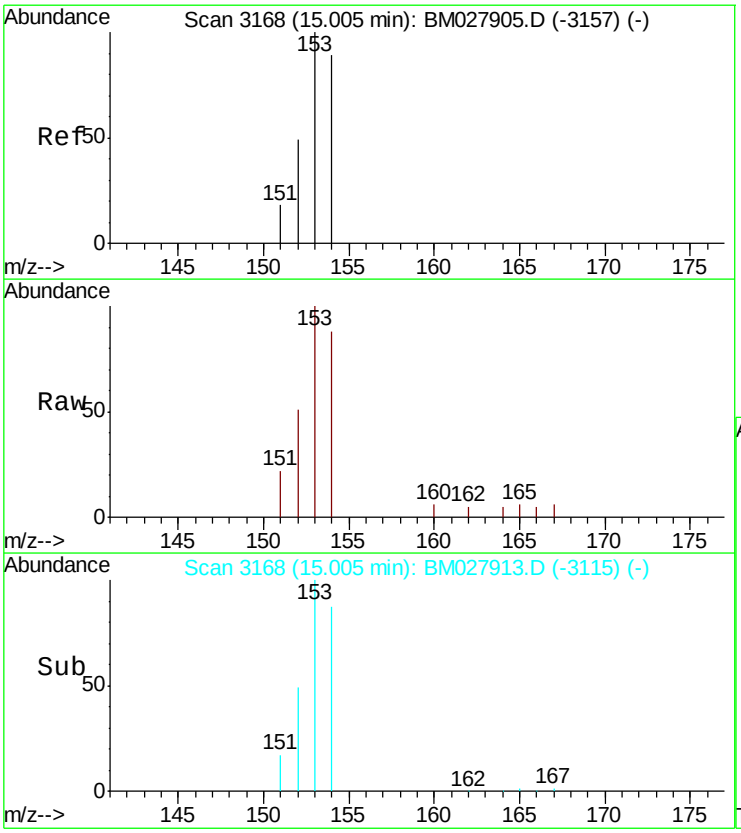
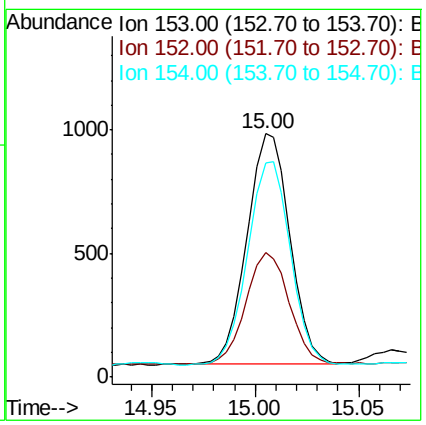
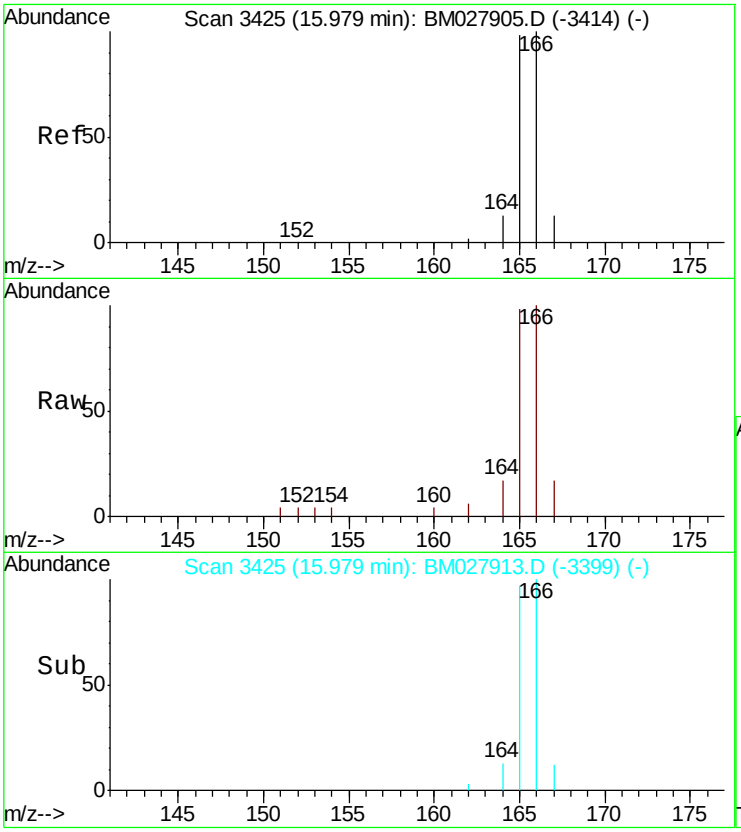


#8
Acenaphthene
Concen: 0.142 ng/ul
RT: 15.00 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BM027913.D
Acq: 23 Nov 2020 14:59

Tgt Ion:153 Resp: 1342

Ion	Ratio	Lower	Upper
153	100		
152	51.4	39.0	58.6
154	88.0	71.6	107.4

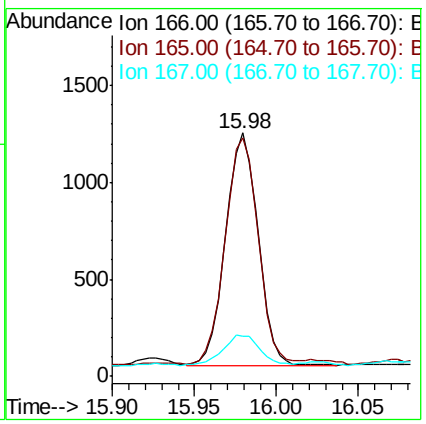




#9
Fluorene
Concen: 0.151 ng/ul
RT: 15.98 min Scan# 3425
Delta R.T. 0.00 min
Lab File: BM027913.D
Acq: 23 Nov 2020 14:59

Tgt Ion:166 Resp: 1648

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.1	117.1
167	16.6	11.8	17.8



Instrument :
BNA_M
ClientSampleId :
C0B53DL

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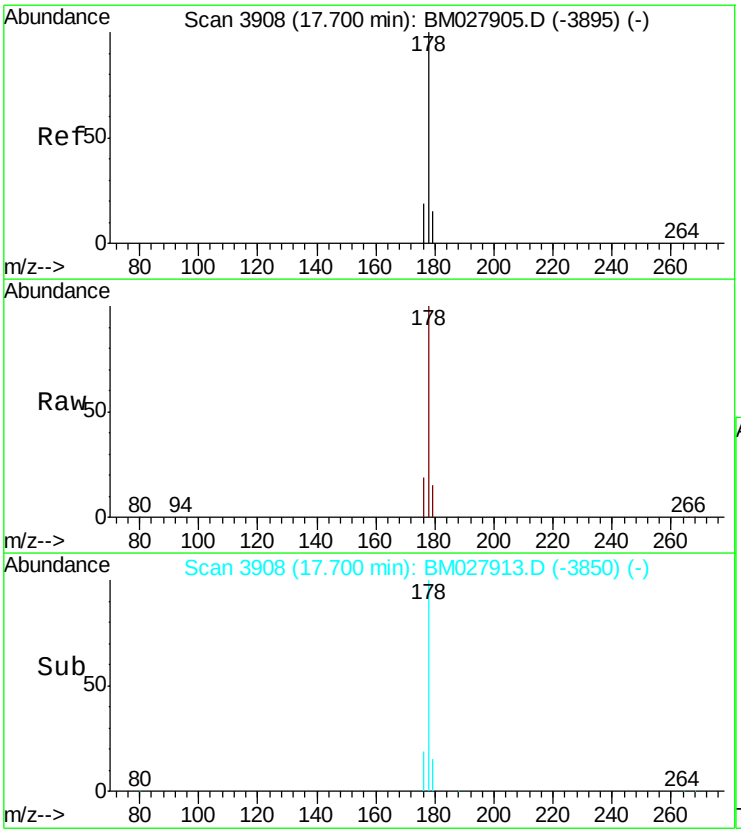
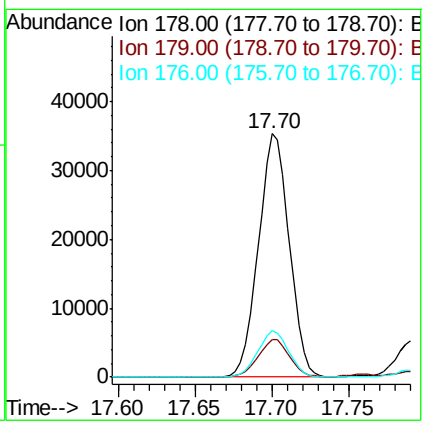
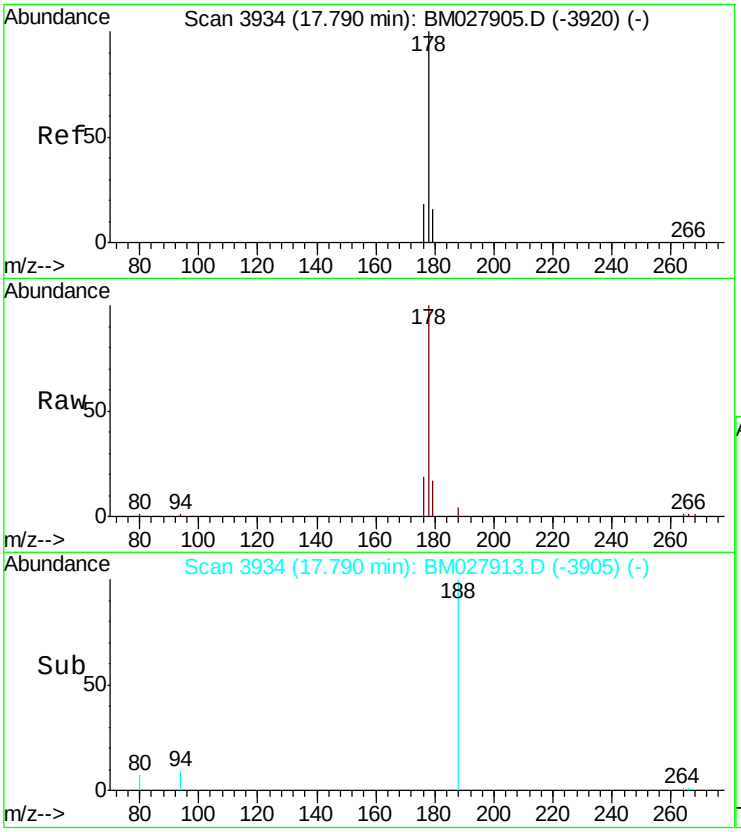


#12
Phenanthrene
Concen: 3.178 ng/ul
RT: 17.70 min Scan# 3908
Delta R.T. 0.00 min
Lab File: BM027913.D
Acq: 23 Nov 2020 14:59

Tgt Ion:178 Resp: 48864

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.6	20.4
176	18.9	16.1	24.1

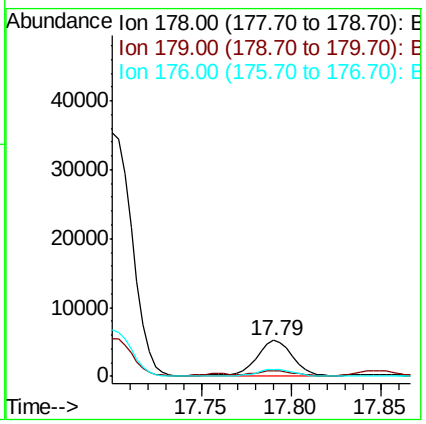




#13
Anthracene
Concen: 0.473 ng/ul
RT: 17.79 min Scan# 3934
Delta R.T. 0.00 min
Lab File: BM027913.D
Acq: 23 Nov 2020 14:59

Tgt Ion:178 Resp: 7009

Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.4	20.2
176	19.5	15.0	22.6



Instrument :
BNA_M
ClientSampleId :
C0B53DL

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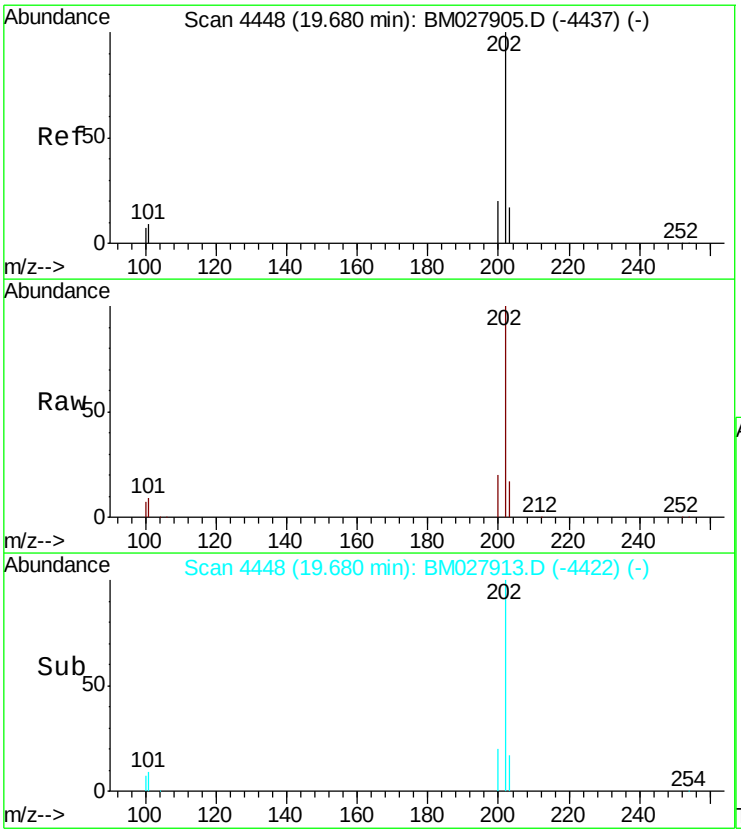
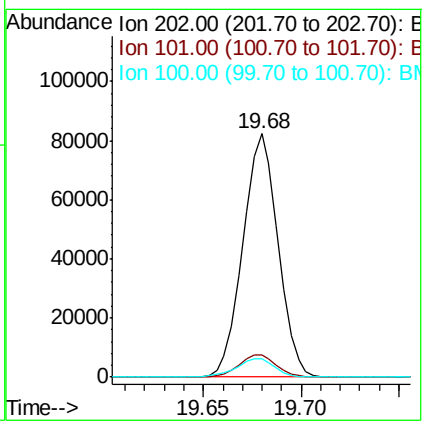
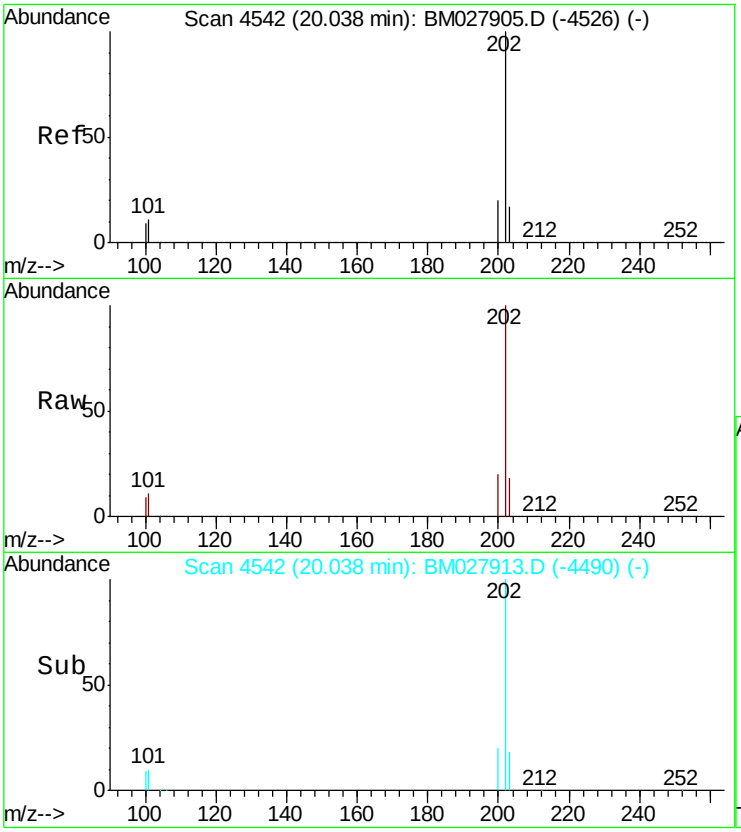


#15
Fluoranthene
Concen: 6.028 ng/ul
RT: 19.68 min Scan# 4448
Delta R.T. 0.00 min
Lab File: BM027913.D
Acq: 23 Nov 2020 14:59

Tgt Ion:202 Resp: 102780

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	29.3
100	7.3	0.0	27.4

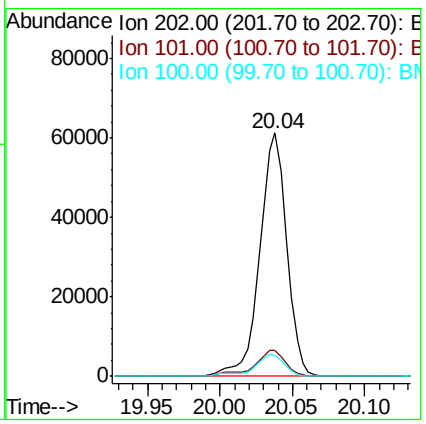




#17
Pyrene
Concen: 5.567 ng/ul
RT: 20.04 min Scan# 4542
Delta R.T. 0.00 min
Lab File: BM027913.D
Acq: 23 Nov 2020 14:59

Tgt Ion:202 Resp: 78546

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.2	12.2
100	8.8	6.9	10.3



Instrument :
BNA_M
ClientSampleId :
C0B53DL

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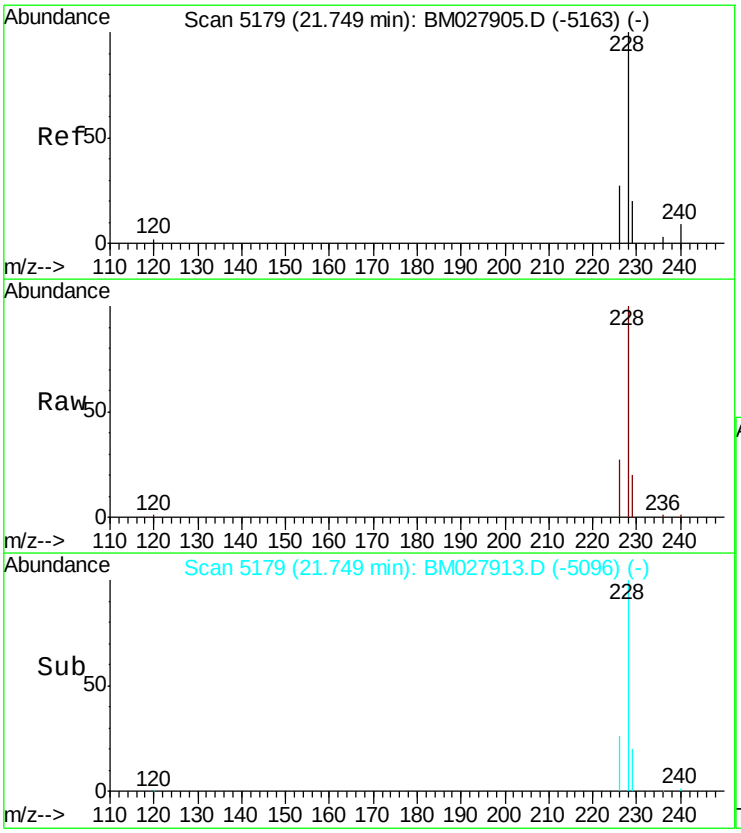
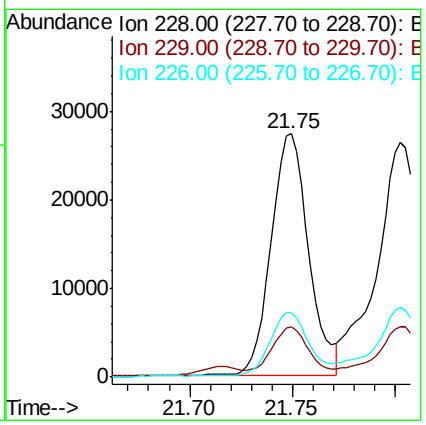
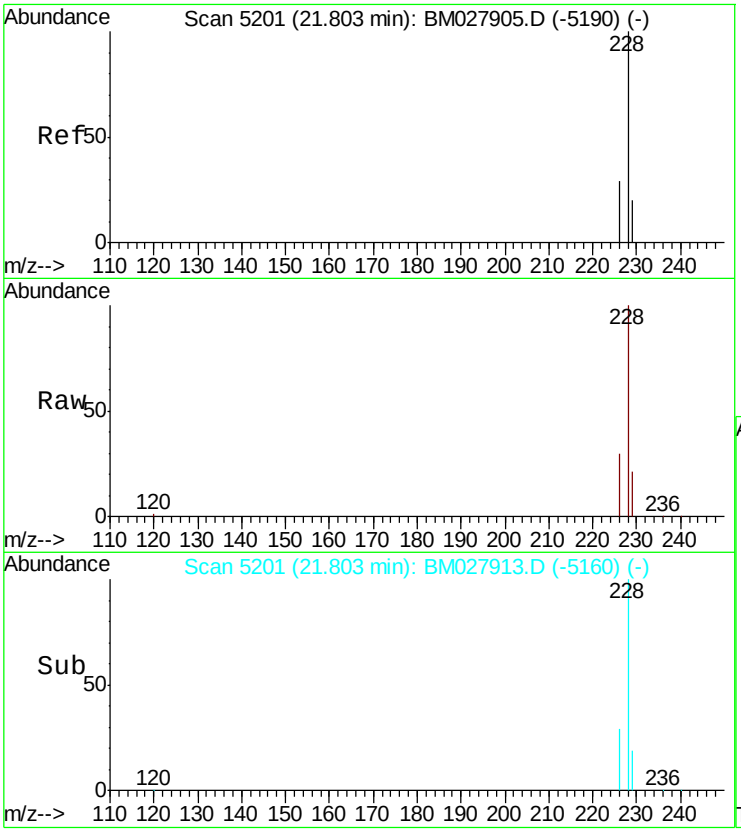


#18
Benzo(a)anthracene
Concen: 3.097 ng/ul
RT: 21.75 min Scan# 5179
Delta R.T. 0.00 min
Lab File: BM027913.D
Acq: 23 Nov 2020 14:59

Tgt Ion:228 Resp: 34715

Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.2	24.4
226	26.7	21.5	32.3

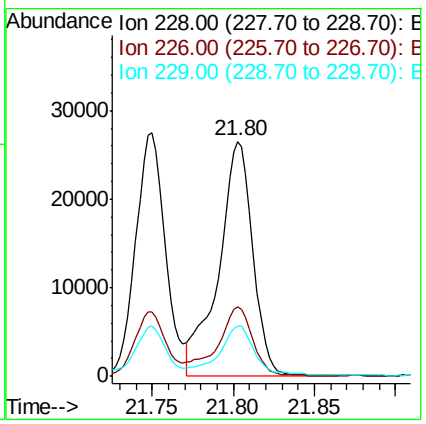




#19
Chrysene
Concen: 3.531 ng/ul
RT: 21.80 min Scan# 5201
Delta R.T. 0.00 min
Lab File: BM027913.D
Acq: 23 Nov 2020 14:59

Tgt Ion:228 Resp: 38548

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	21.4	16.6	24.8



Instrument :
BNA_M
ClientSampleId :
C0B53DL

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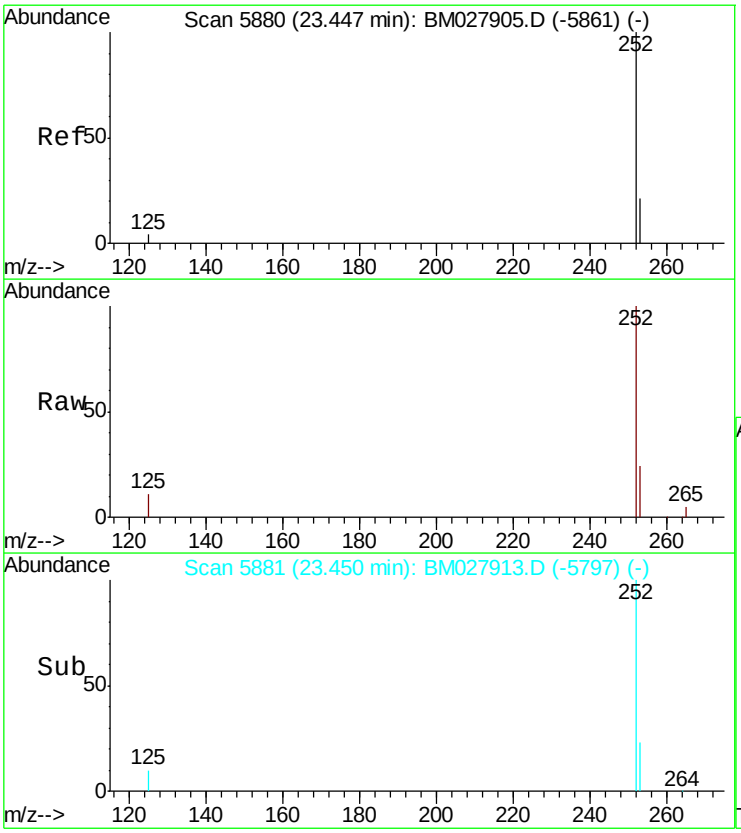
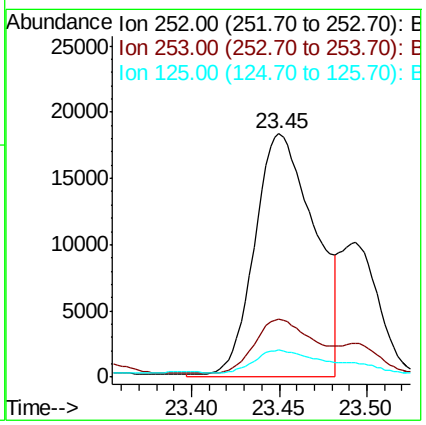
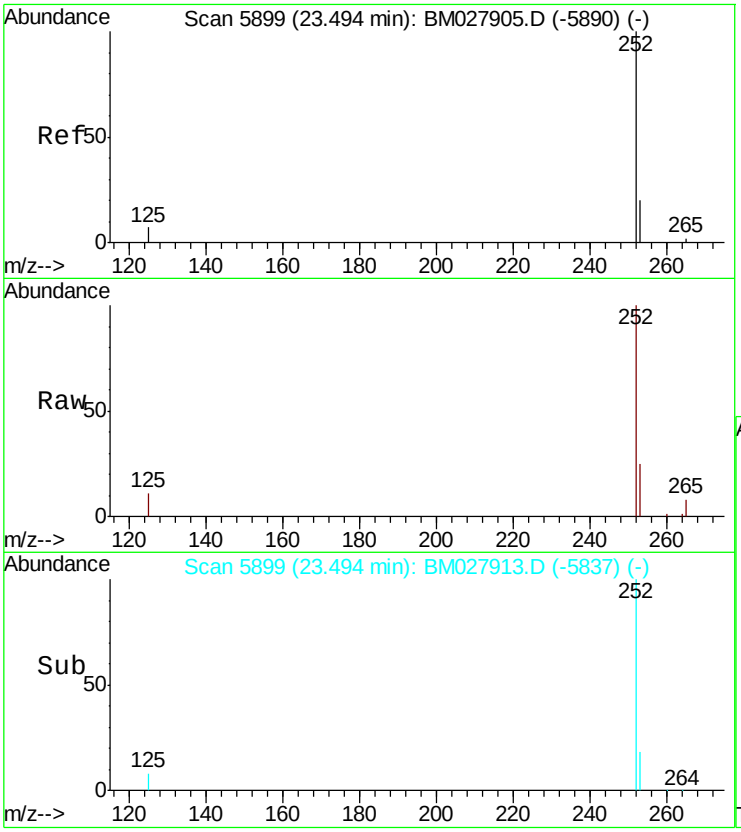


#21
Benzo(b)fluoranthene
Concen: 4.161 ng/ul m
RT: 23.45 min Scan# 5881
Delta R.T. 0.00 min
Lab File: BM027913.D
Acq: 23 Nov 2020 14:59

Tgt Ion:252 Resp: 43822

Ion	Ratio	Lower	Upper
252	100		
253	23.9	0.0	59.6
125	11.1	0.0	28.4





#22
Benzo(k)fluoranthene
Concen: 1.563 ng/ul m
RT: 23.49 min Scan# 5899
Delta R.T. 0.00 min
Lab File: BM027913.D
Acq: 23 Nov 2020 14:59

Tgt Ion:252 Resp: 16119

Ion	Ratio	Lower	Upper
252	100		
253	24.8	23.2	34.8
125	10.8	11.8	17.6#

Instrument :
BNA_M
ClientSampleId :
C0B53DL

Manual Integrations APPROVED
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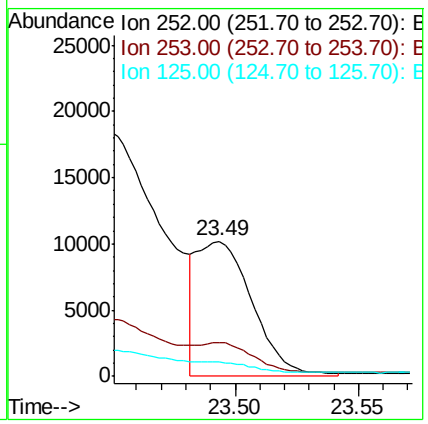
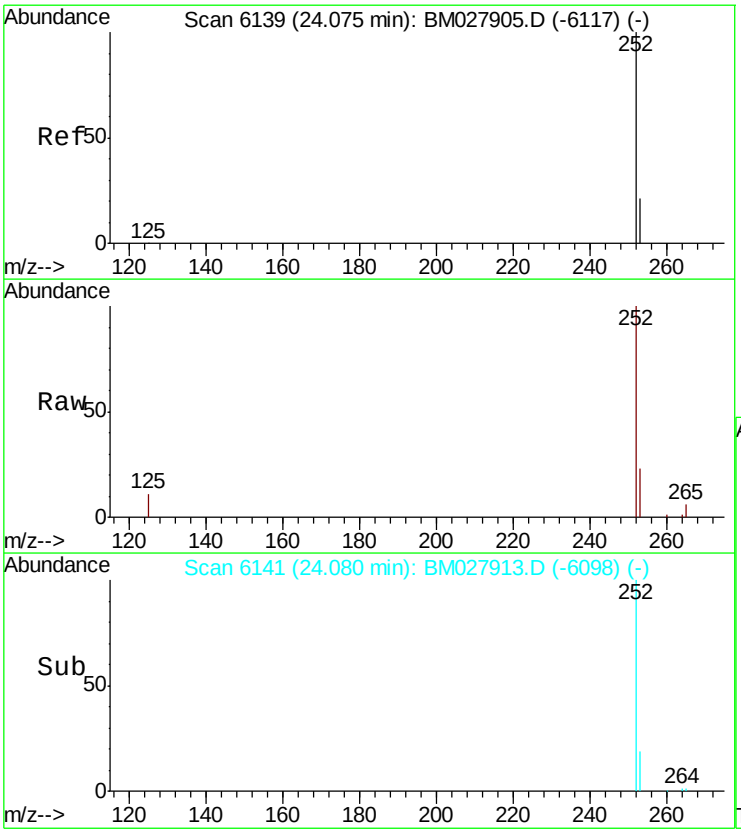
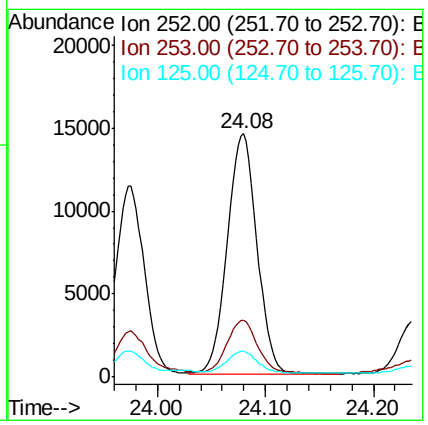


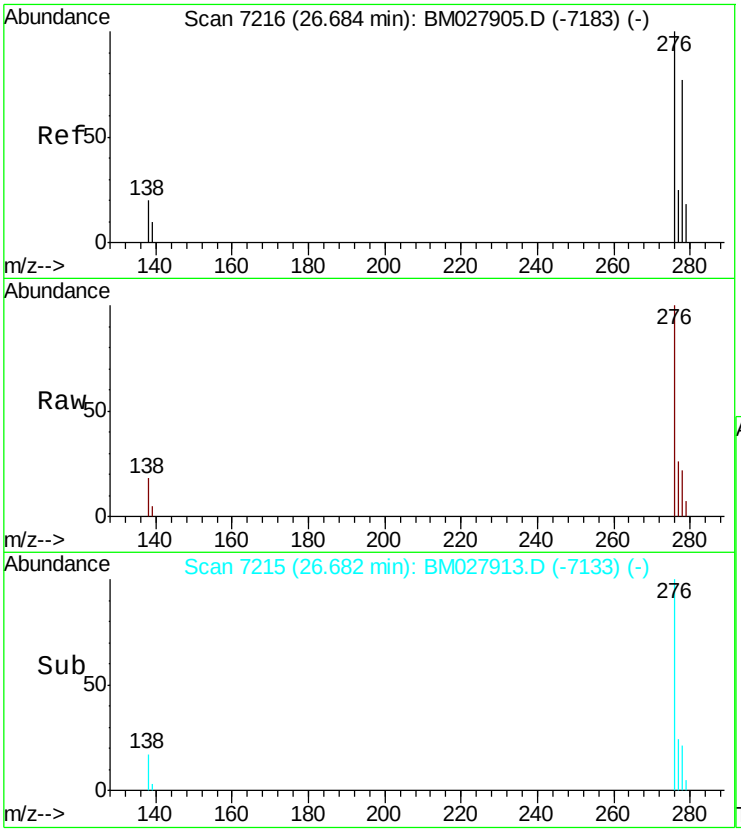


#23
Benzo(a)pyrene
Concen: 3.004 ng/ul
RT: 24.08 min Scan# 6141
Delta R.T. 0.00 min
Lab File: BM027913.D
Acq: 23 Nov 2020 14:59

Tgt Ion:252 Resp: 27664

Ion	Ratio	Lower	Upper
252	100		
253	23.1	25.2	37.8#
125	10.6	13.8	20.6#

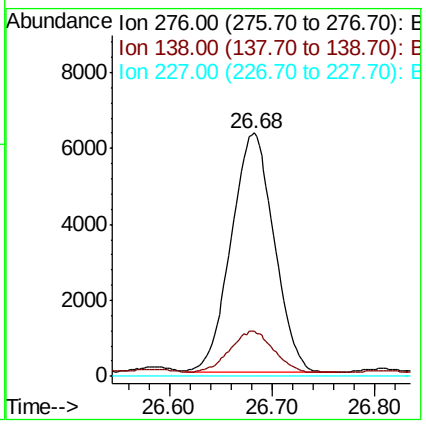




#24
Indeno(1,2,3-cd)pyrene
Concen: 1.847 ng/ul
RT: 26.68 min Scan# 7215
Delta R.T. -0.00 min
Lab File: BM027913.D
Acq: 23 Nov 2020 14:59

Tgt Ion:276 Resp: 18417

Ion	Ratio	Lower	Upper
276	100		
138	17.5	15.7	23.5
227	0.0	0.0	0.0



Instrument :
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Manual Integrations APPROVED
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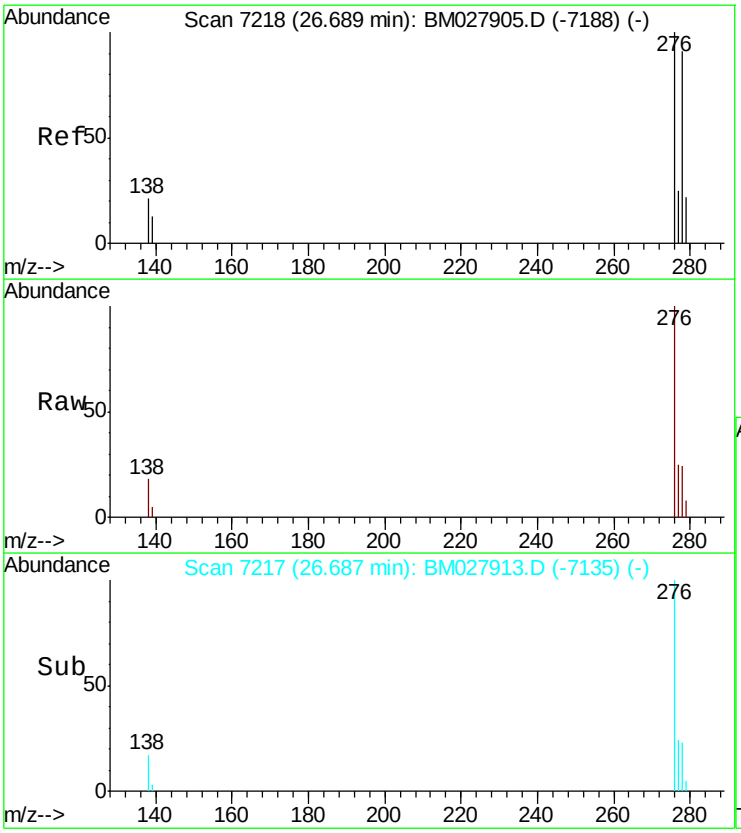
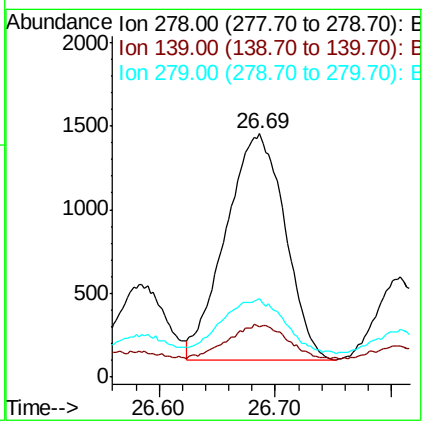
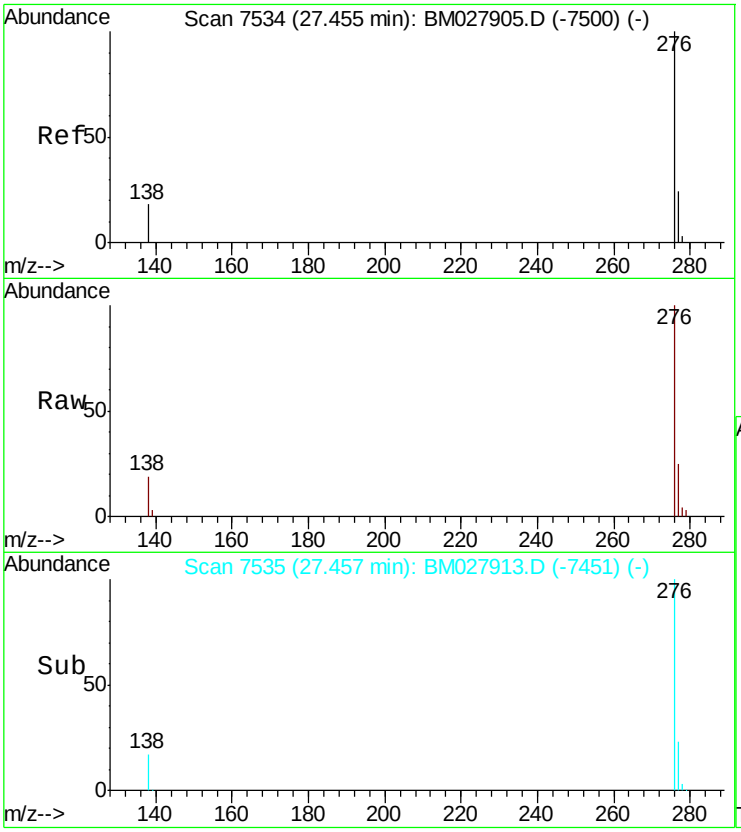


#25
Dibenzo(a,h)anthracene
Concen: 0.579 ng/ul
RT: 26.69 min Scan# 7217
Delta R.T. -0.00 min
Lab File: BM027913.D
Acq: 23 Nov 2020 14:59

Tgt Ion:278 Resp: 4805

Ion	Ratio	Lower	Upper
278	100		
139	20.8	14.8	22.2
279	32.3	25.8	38.6

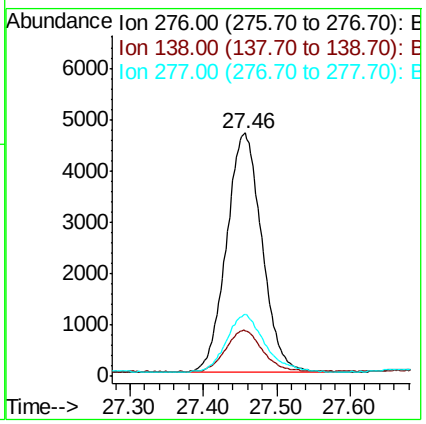




#26
Benzo(g,h,i)perylene
Concen: 1.864 ng/ul
RT: 27.46 min Scan# 7535
Delta R.T. 0.00 min
Lab File: BM027913.D
Acq: 23 Nov 2020 14:59

Tgt Ion:276 Resp: 15592

Ion	Ratio	Lower	Upper
276	100		
138	18.7	17.4	26.2
277	25.3	22.5	33.7



Instrument :
BNA_M
ClientSampleId :
C0B53DL

Manual Integrations APPROVED
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