Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027887.D
Acq On : 21 Nov 2020 18:43
Operator : JU/CG
Sample : L4711-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Nov 23 04:29:46 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 04:04:52 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C0B55

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	957	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	3890	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2471	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4750m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	2778	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	2186	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1583	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	3072	0.24	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.22	128	893	0.077	ng/ul#	85
5) 2-Methylnaphthalene	12.80	142	409	0.052	ng/ul	99
7) Acenaphthylene	14.68	152	1533	0.127	ng/ul#	94
8) Acenaphthene	15.01	153	971	0.107	ng/ul	97
9) Fluorene	15.98	166	1463	0.140	ng/ul#	97
12) Phenanthrene	17.70	178	60122	4.007	ng/ul	97
13) Anthracene	17.79	178	8591	0.594	ng/ul	100
15) Fluoranthene	19.68	202	217314	13.062	ng/ul	99
17) Pyrene	20.04	202	176845	12.535	ng/ul	100
18) Benzo(a)anthracene	21.75	228	69384	6.190	ng/ul	100
19) Chrysene	21.81	228	84030	7.697	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	98501m	10.722	ng/ul	
22) Benzo(k)fluoranthene	23.50	252	34090m	3.789	ng/ul	
23) Benzo(a)pyrene	24.08	252	61029	7.598	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.69	276	46503	5.347	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.69	278	10223	1.412	ng/ul#	93
26) Benzo(g,h,i)perylene	27.46	276	42062	5.765	ng/ul	93

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

Quantitation Report (QT Reviewed)

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Instrument :
BNA_M
ClientSampleId :
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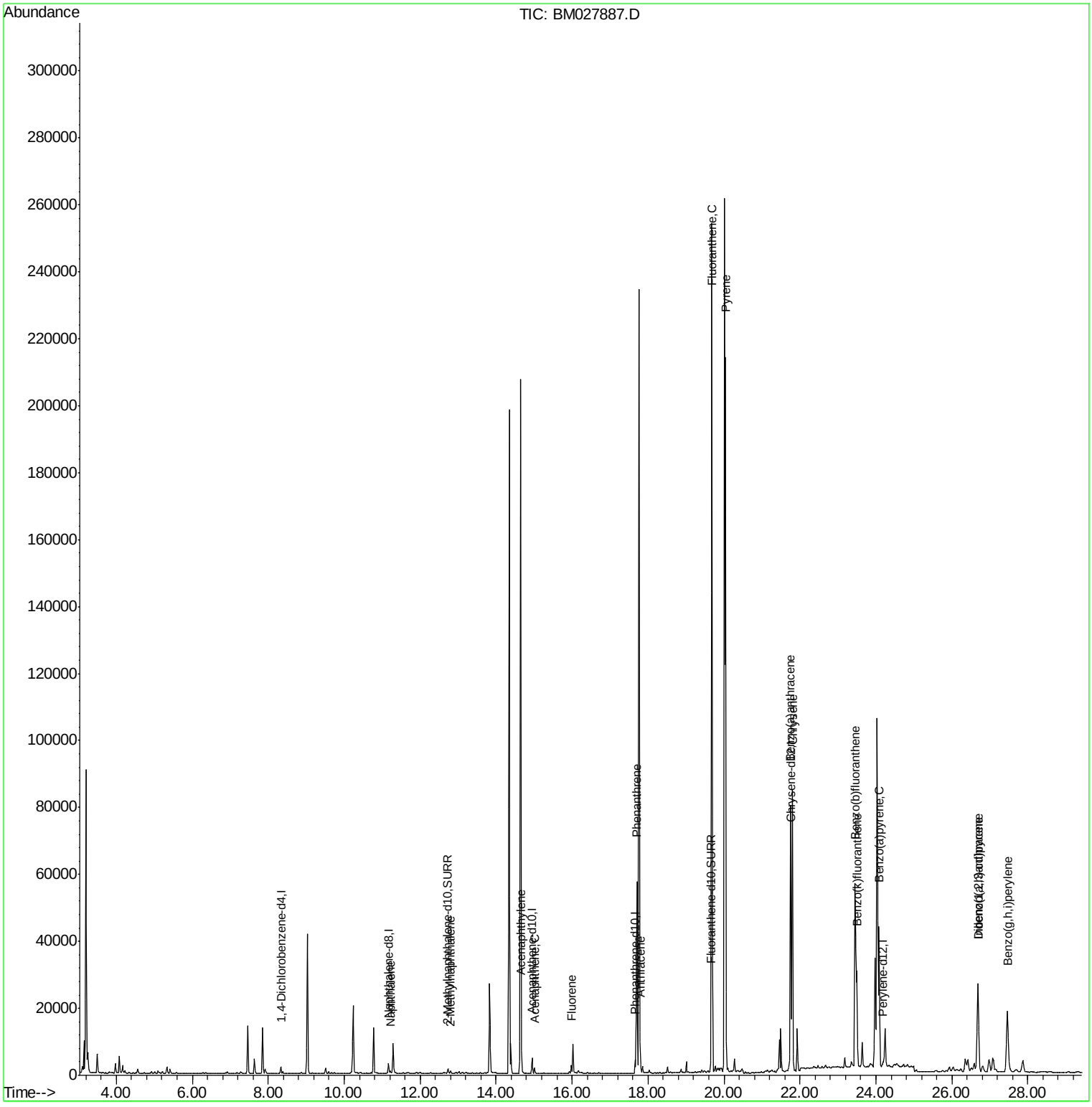
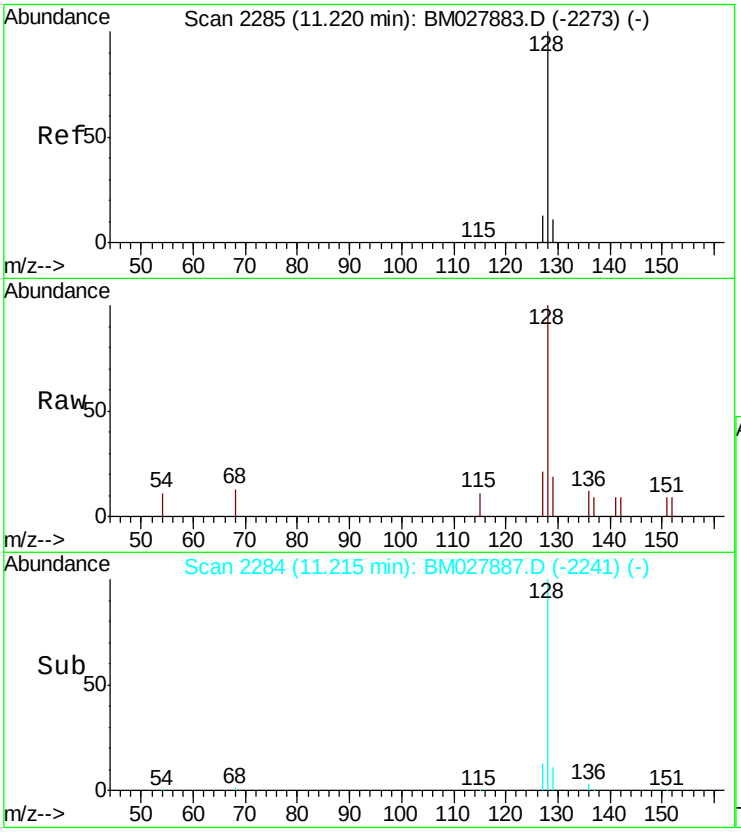
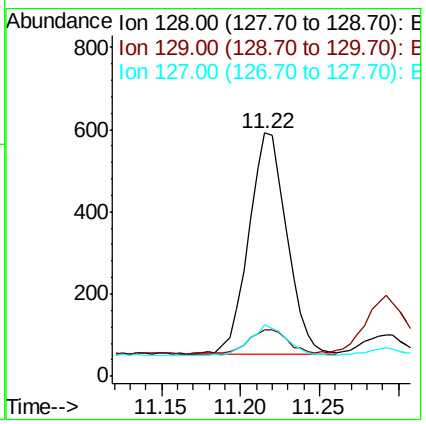




#3
Naphthalene
Concen: 0.077 ng/ul
RT: 11.22 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BM027887.D
Acq: 21 Nov 2020 18:43

Tgt Ion:128 Resp: 893

Ion	Ratio	Lower	Upper
128	100		
129	19.1	10.4	15.6#
127	20.9	12.0	18.0#



Instrument :
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ClientSampleId :
C0B55

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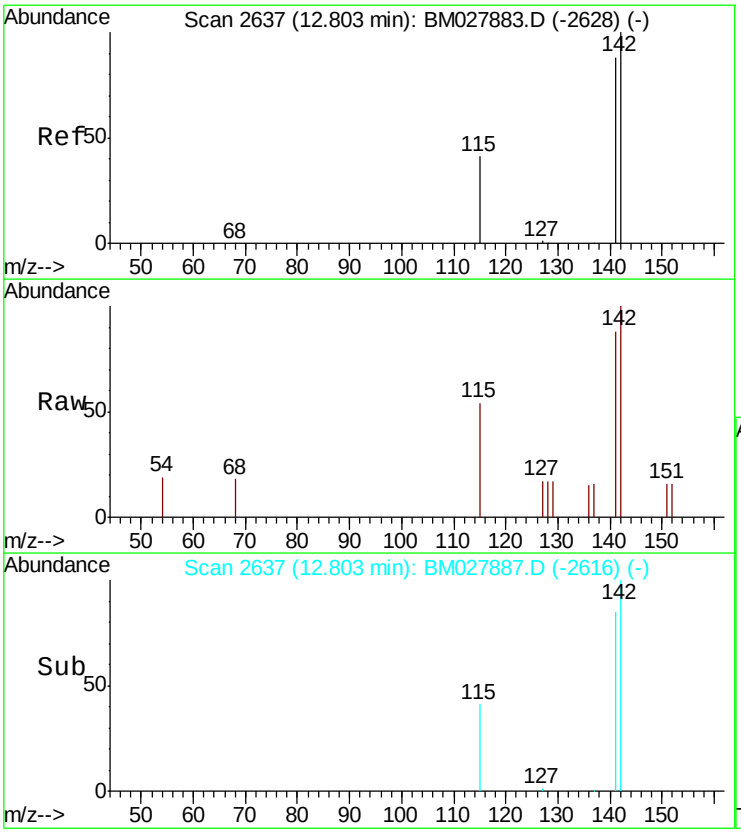
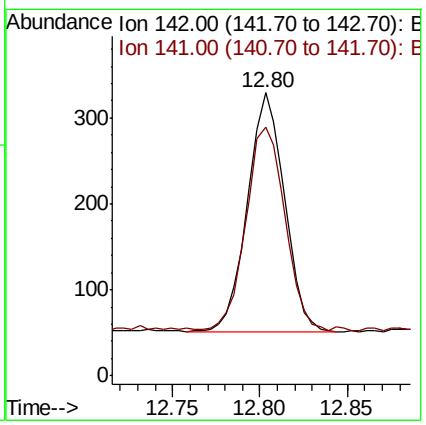
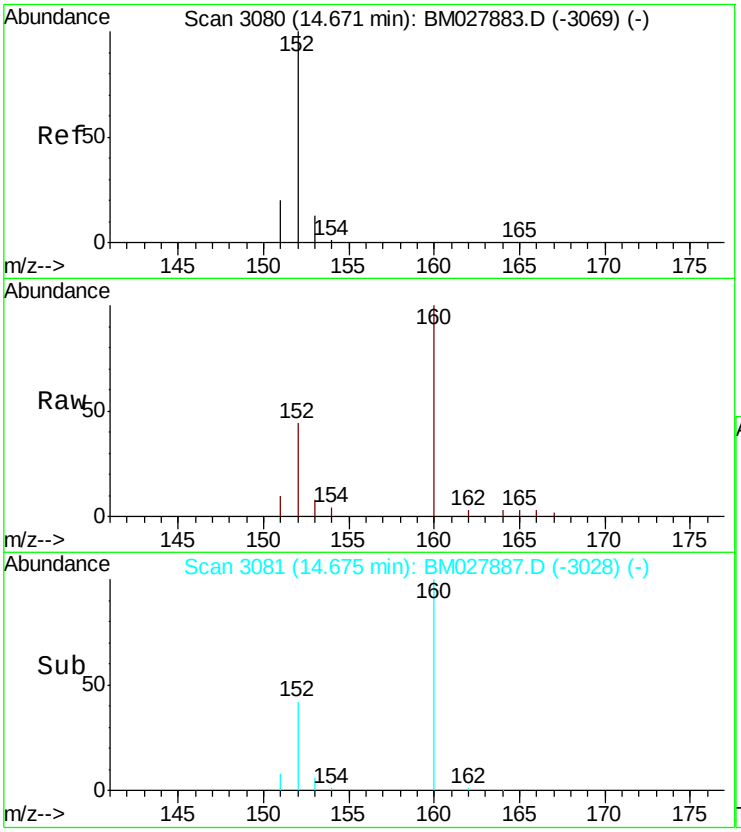


#5
2-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.80 min Scan# 2637
Delta R.T. -0.00 min
Lab File: BM027887.D
Acq: 21 Nov 2020 18:43

Tgt Ion:142 Resp: 409

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.6	107.4





#7
Acenaphthylene
Concen: 0.127 ng/ul
RT: 14.68 min Scan# 3081
Delta R.T. 0.00 min
Lab File: BM027887.D
Acq: 21 Nov 2020 18:43

Tgt Ion:152 Resp: 1533

Ion	Ratio	Lower	Upper
152	100		
151	23.8	17.1	25.7
153	18.5	12.0	18.0#

Instrument :
BNA_M
ClientSampleId :
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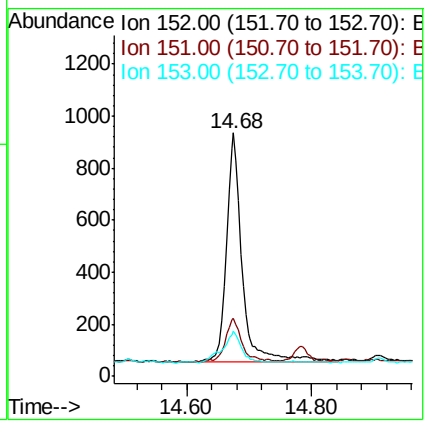
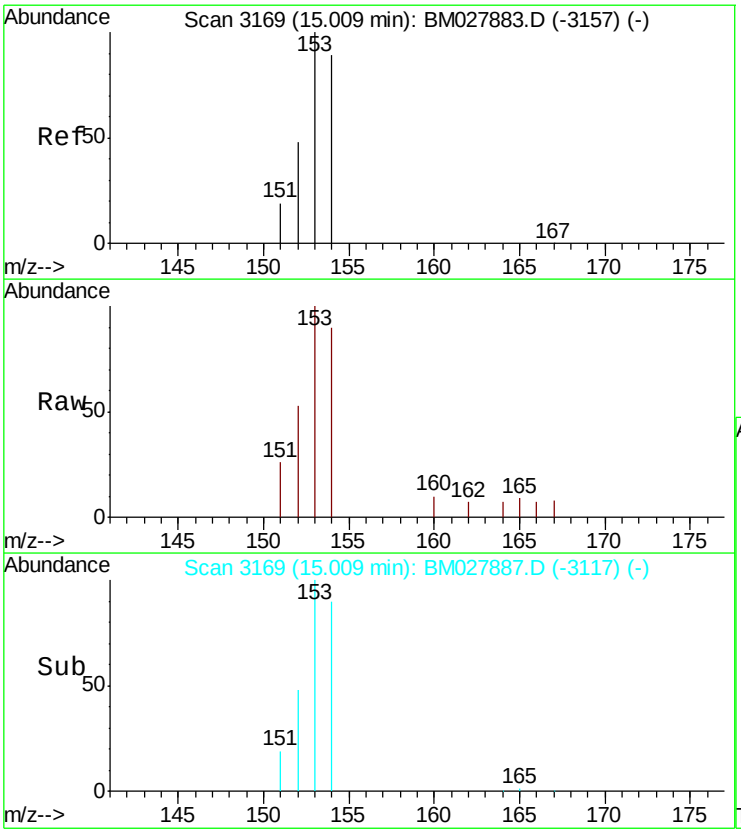
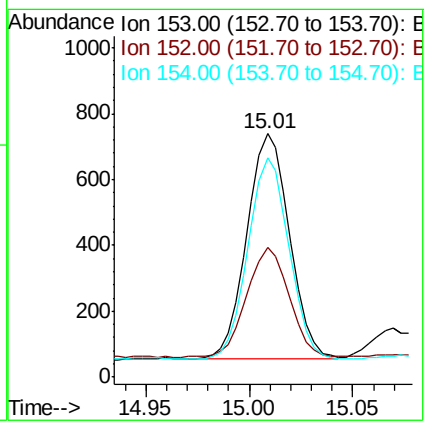


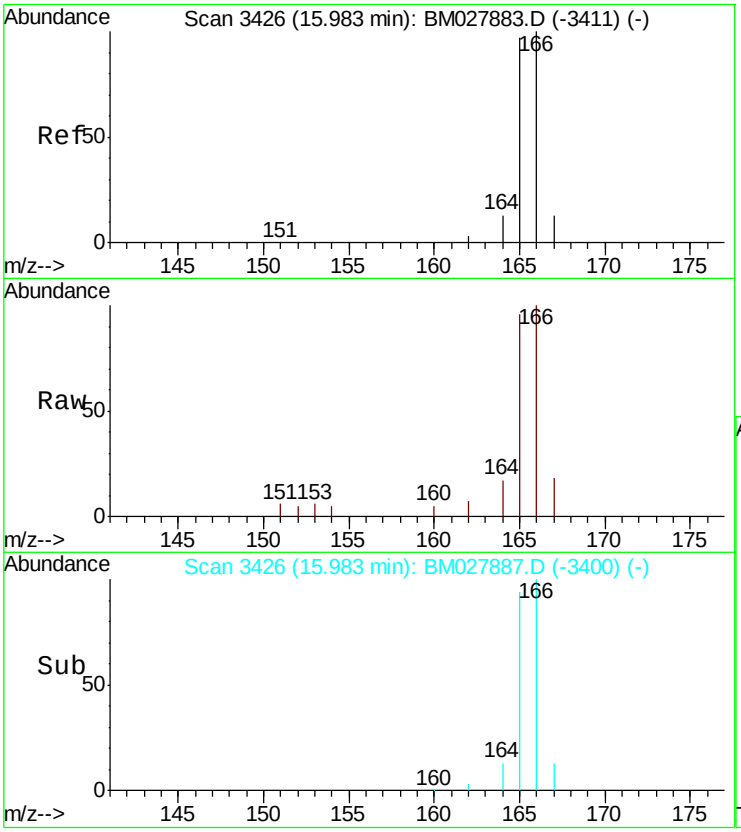


#8
Acenaphthene
Concen: 0.107 ng/ul
RT: 15.01 min Scan# 3169
Delta R.T. -0.00 min
Lab File: BM027887.D
Acq: 21 Nov 2020 18:43

Tgt Ion:153 Resp: 971

Ion	Ratio	Lower	Upper
153	100		
152	53.5	39.0	58.6
154	90.0	71.6	107.4

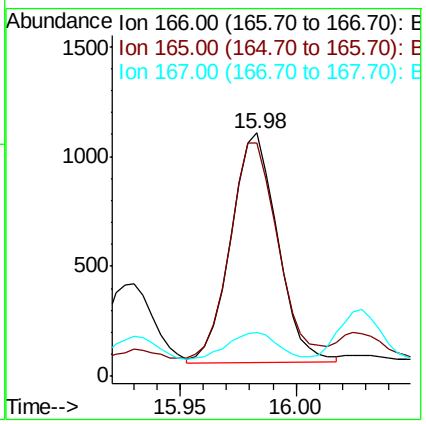




#9
Fluorene
Concen: 0.140 ng/ul
RT: 15.98 min Scan# 3426
Delta R.T. 0.00 min
Lab File: BM027887.D
Acq: 21 Nov 2020 18:43

Tgt Ion:166 Resp: 1463

Ion	Ratio	Lower	Upper
166	100		
165	95.8	78.1	117.1
167	18.1	11.8	17.8#



Instrument :
BNA_M
ClientSampleId :
C0B55

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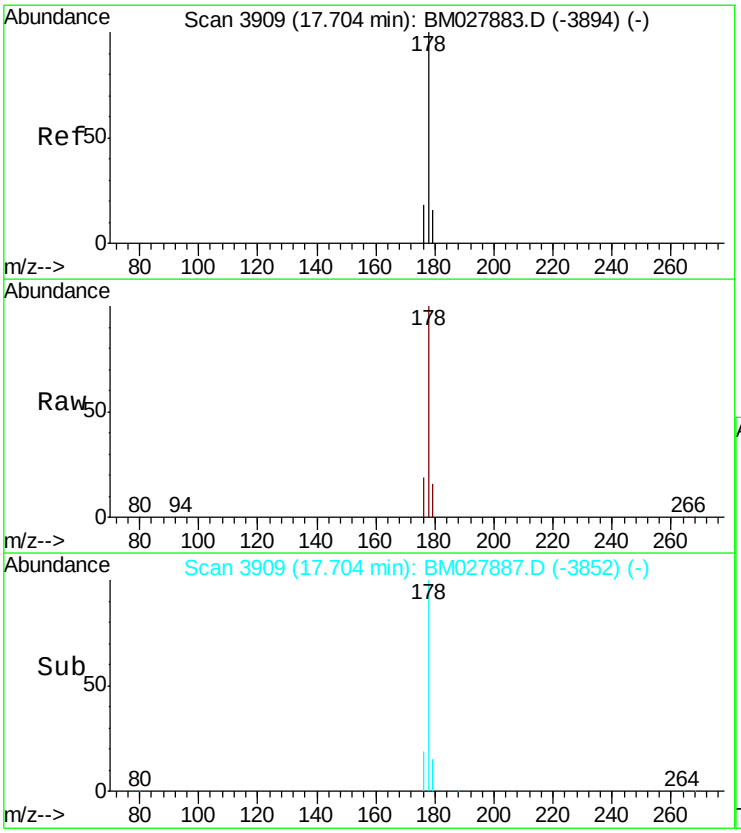
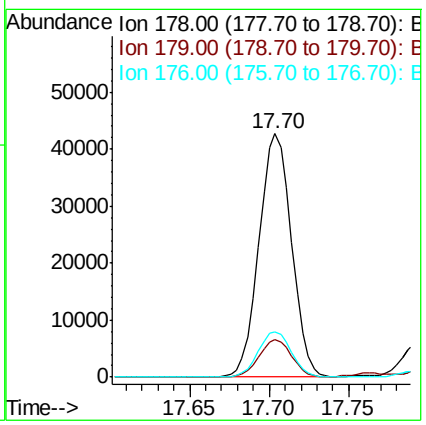
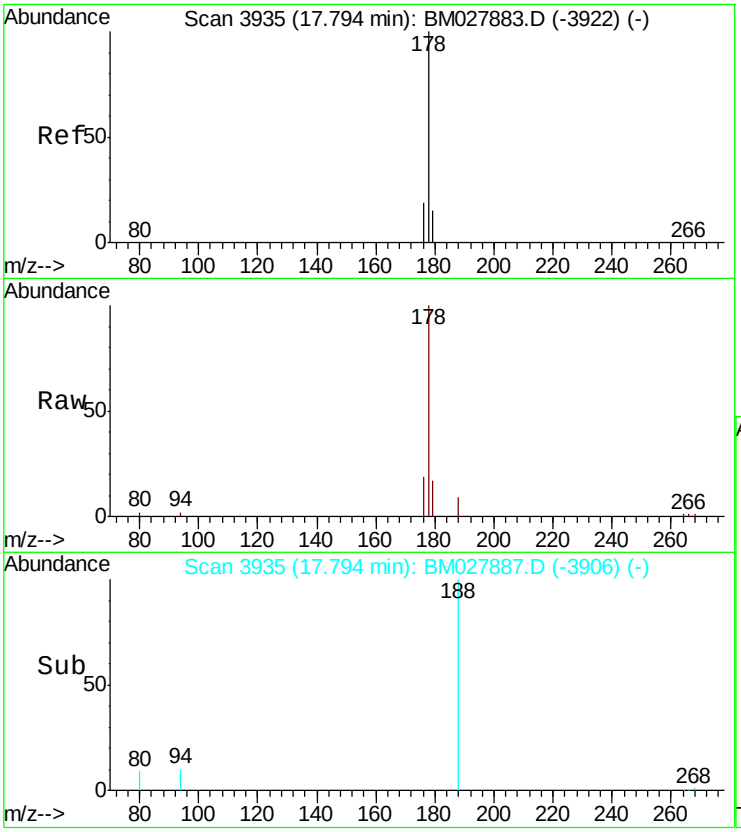


#12
Phenanthrene
Concen: 4.007 ng/ul
RT: 17.70 min Scan# 3909
Delta R.T. -0.00 min
Lab File: BM027887.D
Acq: 21 Nov 2020 18:43

Tgt Ion:178 Resp: 60122

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.6	20.4
176	18.8	16.1	24.1

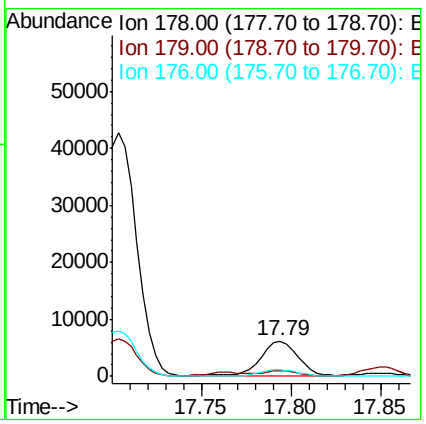




#13
Anthracene
Concen: 0.594 ng/ul
RT: 17.79 min Scan# 3935
Delta R.T. 0.00 min
Lab File: BM027887.D
Acq: 21 Nov 2020 18:43

Tgt Ion:178 Resp: 8591

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.4	20.2
176	18.8	15.0	22.6



Instrument :
BNA_M
ClientSampleId :
C0B55

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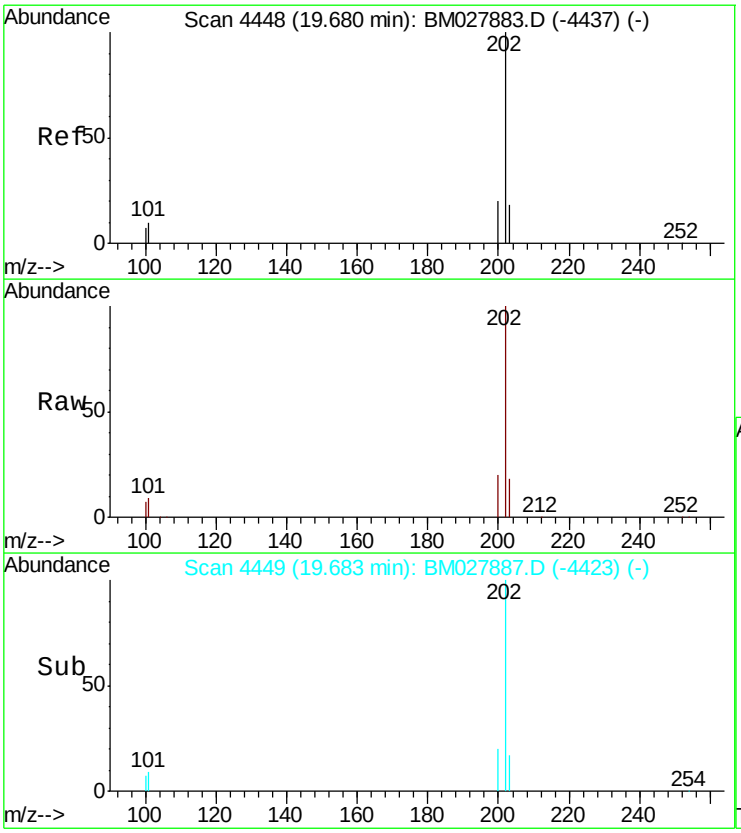
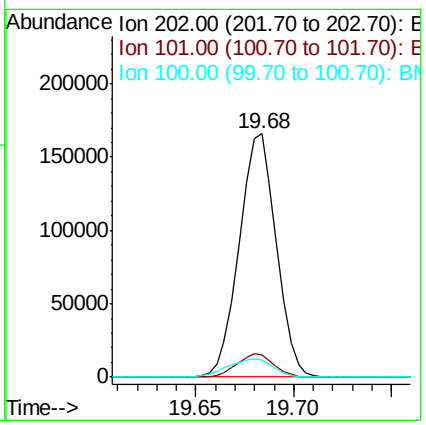
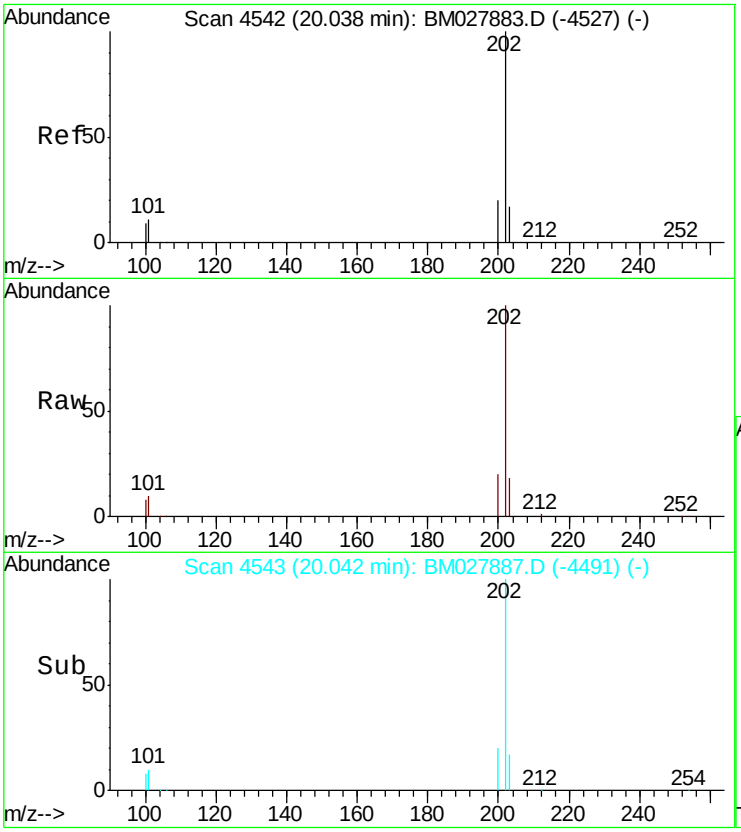


#15
Fluoranthene
Concen: 13.062 ng/ul
RT: 19.68 min Scan# 4449
Delta R.T. 0.00 min
Lab File: BM027887.D
Acq: 21 Nov 2020 18:43

Tgt Ion:202 Resp: 217314

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	29.3
100	6.9	0.0	27.4





#17
Pyrene
Concen: 12.535 ng/ul
RT: 20.04 min Scan# 4543
Delta R.T. 0.00 min
Lab File: BM027887.D
Acq: 21 Nov 2020 18:43

Tgt Ion:202 Resp: 176845

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.2	12.2
100	8.3	6.9	10.3

Instrument :
BNA_M
ClientSampleId :
C0B55

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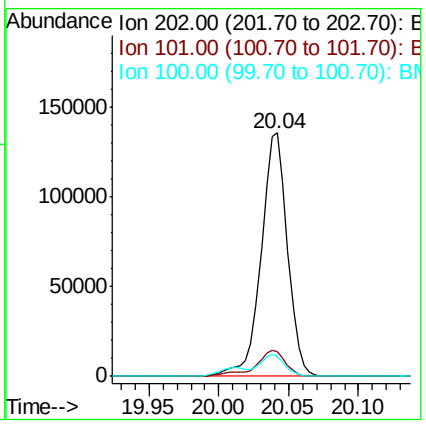
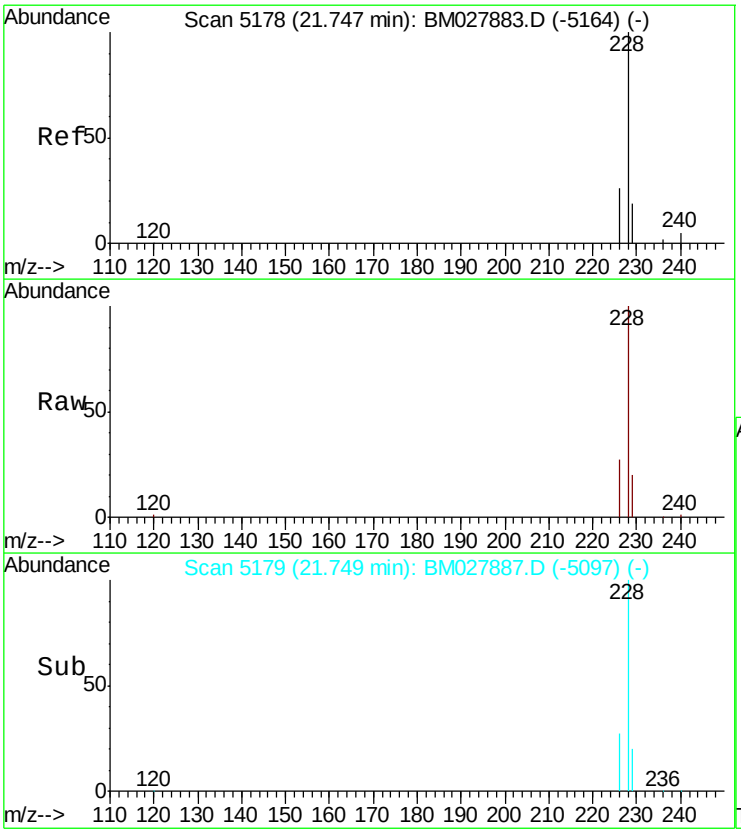
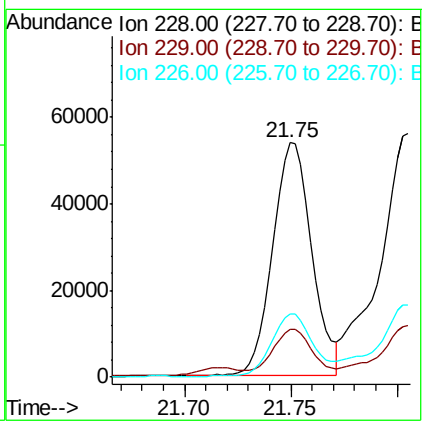


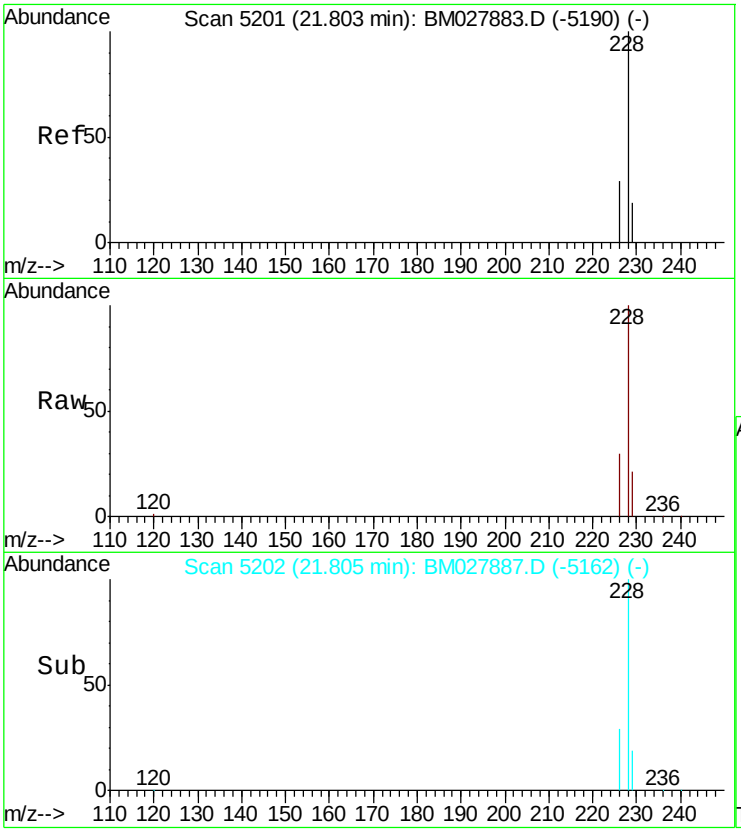


#18
Benzo(a)anthracene
Concen: 6.190 ng/ul
RT: 21.75 min Scan# 5179
Delta R.T. -0.00 min
Lab File: BM027887.D
Acq: 21 Nov 2020 18:43

Tgt Ion:228 Resp: 69384

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.2	24.4
226	26.9	21.5	32.3

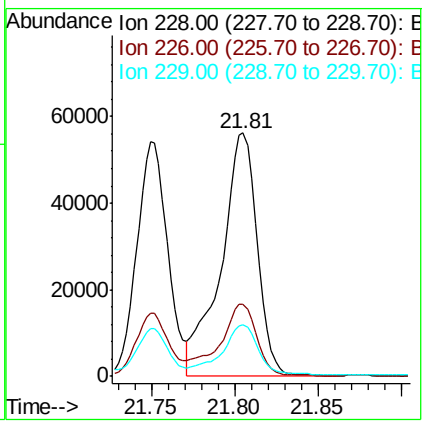




#19
Chrysene
Concen: 7.697 ng/ul
RT: 21.81 min Scan# 5202
Delta R.T. -0.00 min
Lab File: BM027887.D
Acq: 21 Nov 2020 18:43

Tgt Ion:228 Resp: 84030

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.1	36.1
229	21.3	16.6	24.8



Instrument :
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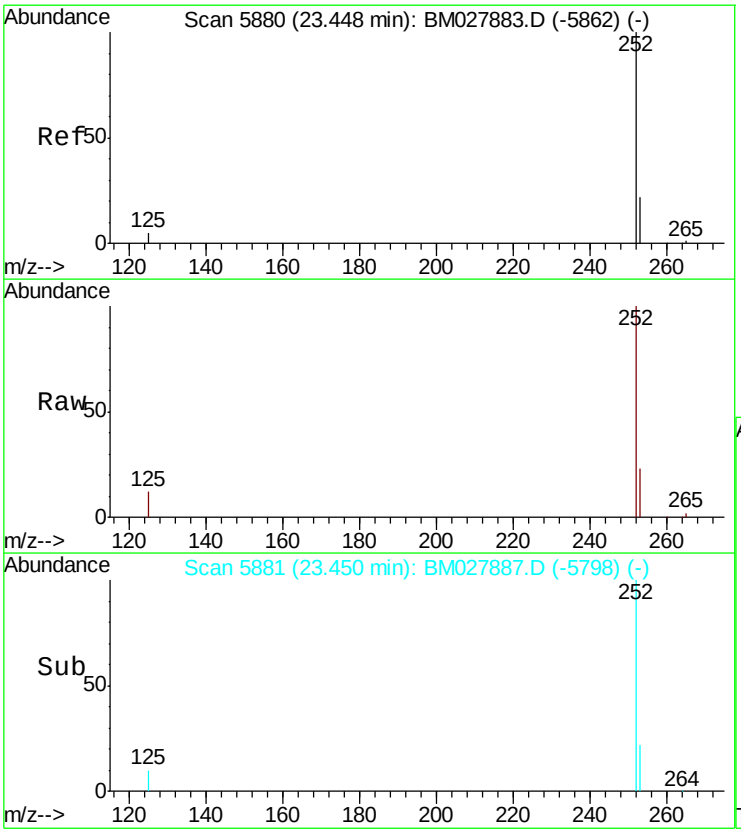
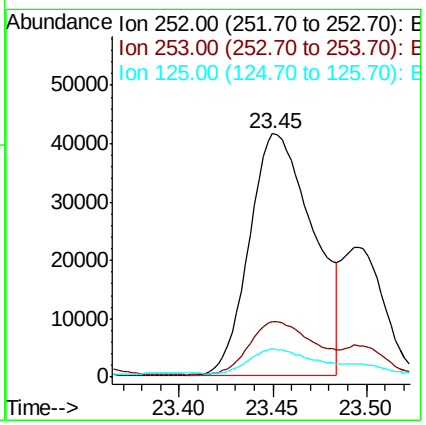
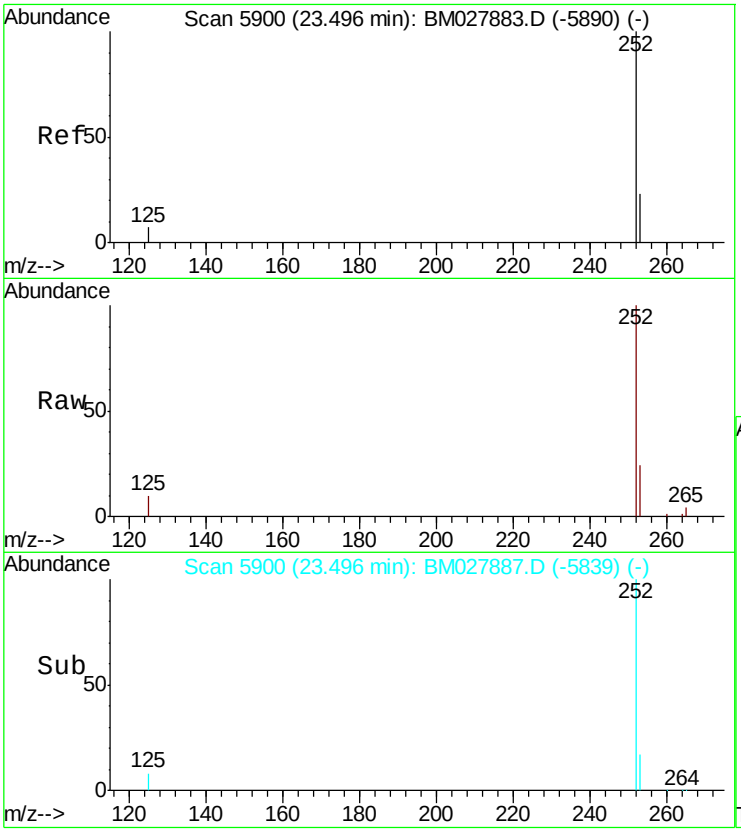


#21
Benzo(b)fluoranthene
Concen: 10.722 ng/ul m
RT: 23.45 min Scan# 5881
Delta R.T. 0.00 min
Lab File: BM027887.D
Acq: 21 Nov 2020 18:43

Tgt Ion:252 Resp: 98501

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	59.6
125	11.5	0.0	28.4





#22
Benzo(k)fluoranthene
Concen: 3.789 ng/ul m
RT: 23.50 min Scan# 5900
Delta R.T. -0.00 min
Lab File: BM027887.D
Acq: 21 Nov 2020 18:43

Tgt Ion:252 Resp: 34090

Ion	Ratio	Lower	Upper
252	100		
253	24.2	23.2	34.8
125	10.3	11.8	17.6#

Instrument :
BNA_M
ClientSampleId :
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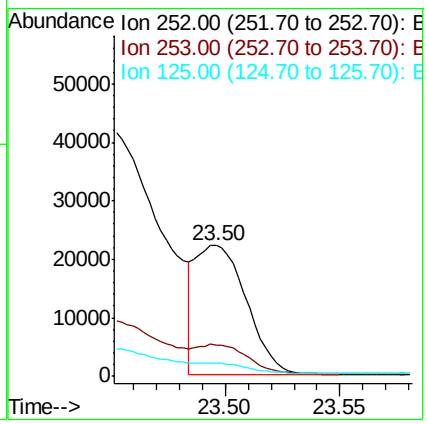
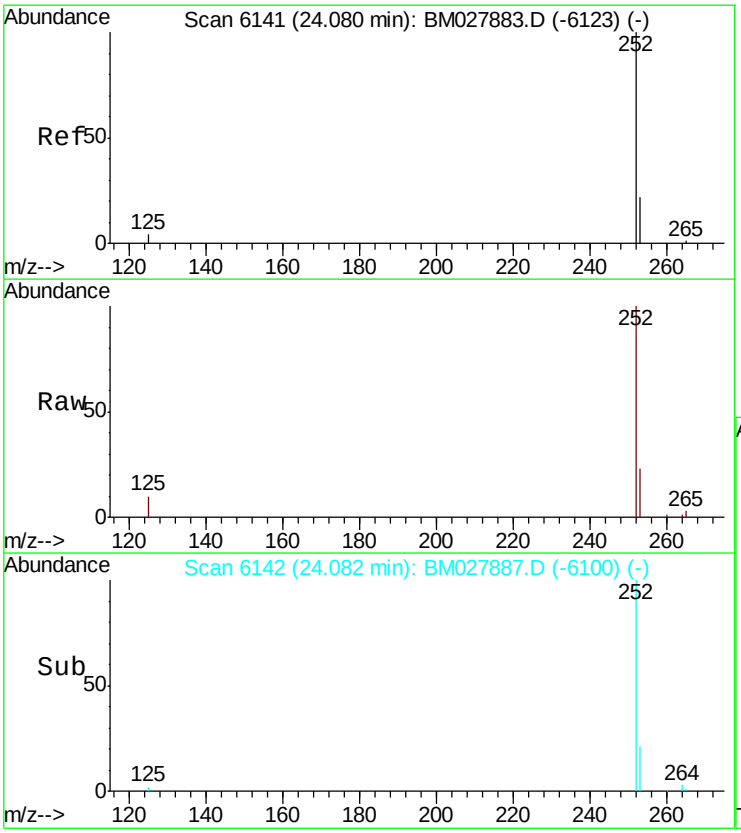
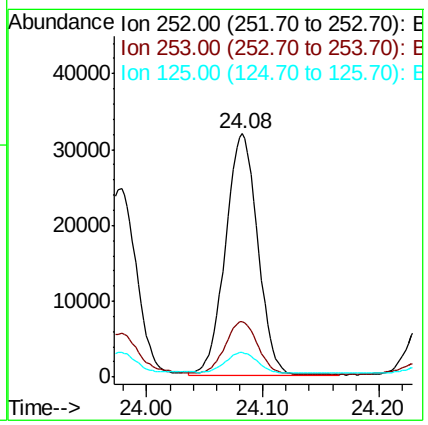


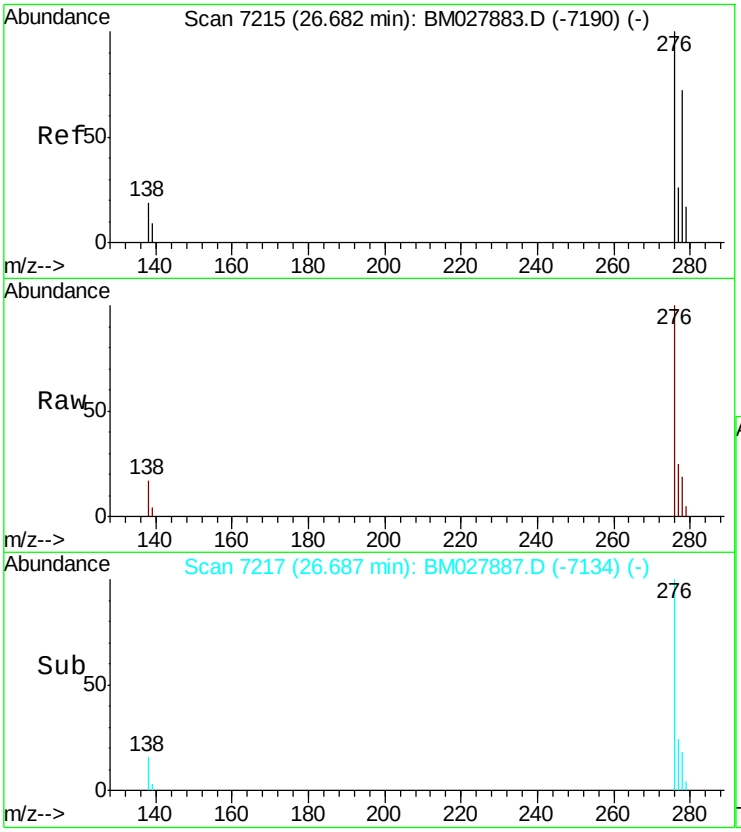


#23
Benzo(a)pyrene
Concen: 7.598 ng/ul
RT: 24.08 min Scan# 6142
Delta R.T. 0.00 min
Lab File: BM027887.D
Acq: 21 Nov 2020 18:43

Tgt Ion:252 Resp: 61029

Ion	Ratio	Lower	Upper
252	100		
253	22.9	25.2	37.8#
125	10.3	13.8	20.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 5.347 ng/ul
RT: 26.69 min Scan# 7217
Delta R.T. 0.00 min
Lab File: BM027887.D
Acq: 21 Nov 2020 18:43

Tgt Ion:276 Resp: 46503

Ion	Ratio	Lower	Upper
276	100		
138	17.0	15.7	23.5
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
C0B55

Manual Integrations APPROVED
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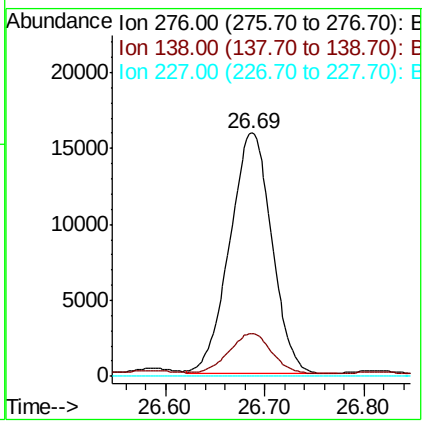
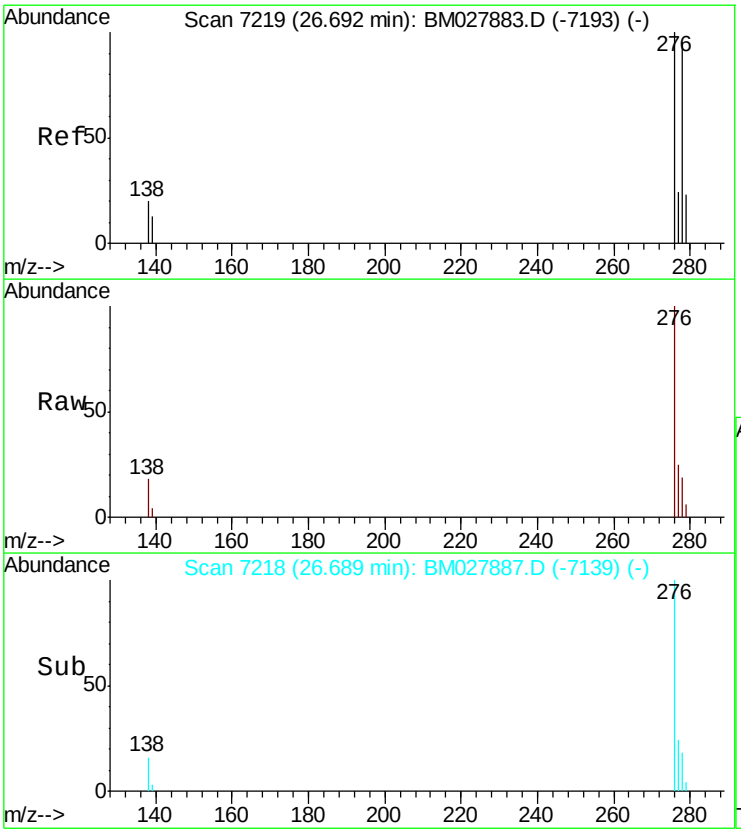
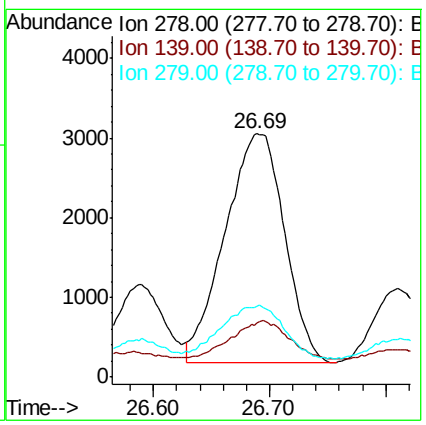


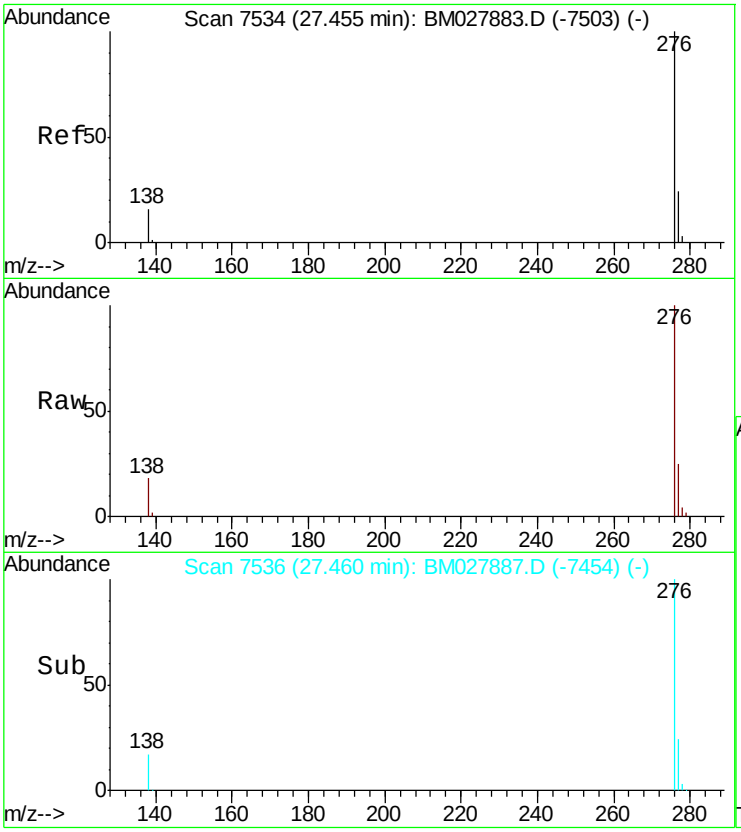


#25
Dibenzo(a,h)anthracene
Concen: 1.412 ng/ul
RT: 26.69 min Scan# 7218
Delta R.T. -0.01 min
Lab File: BM027887.D
Acq: 21 Nov 2020 18:43

Tgt Ion:278 Resp: 10223

Ion	Ratio	Lower	Upper
278	100		
139	22.3	14.8	22.2#
279	28.9	25.8	38.6

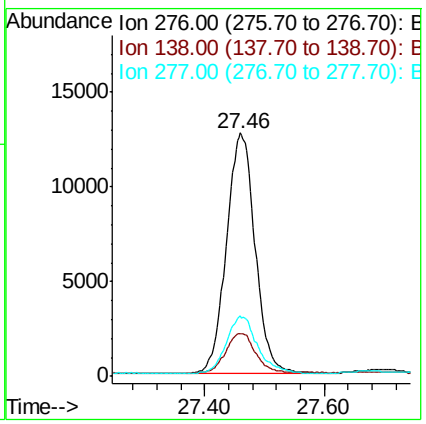




#26
Benzo(g,h,i)perylene
Concen: 5.765 ng/ul
RT: 27.46 min Scan# 7536
Delta R.T. -0.00 min
Lab File: BM027887.D
Acq: 21 Nov 2020 18:43

Tgt Ion:276 Resp: 42062

Ion	Ratio	Lower	Upper
276	100		
138	17.8	17.4	26.2
277	24.7	22.5	33.7



Instrument :
BNA_M
ClientSampleId :
C0B55

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:57 AM