Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
Data File : BM027967.D
Acq On : 25 Nov 2020 17:11
Operator : JU/CG
Sample : L4751-13DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B85DL

Manual Integrations APPROVED
mohammad
11/27/2020 11:43:44 AM

Quant Time: Nov 25 17:43:45 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 : Wed Nov 25 10:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	1021	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4118	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2315	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4184	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2413	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2286	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	153	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	227	0.02	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	15.00	153	381	0.045	ng/ul	95
9) Fluorene	15.97	166	398	0.041	ng/ul#	93
12) Phenanthrene	17.69	178	13192	0.998	ng/ul	98
13) Anthracene	17.79	178	2085	0.164	ng/ul	94
15) Fluoranthene	19.67	202	45750	3.122	ng/ul	98
17) Pyrene	20.03	202	36919	3.013	ng/ul	97
18) Benzo(a)anthracene	21.74	228	18392	1.889	ng/ul	100
19) Chrysene	21.80	228	24134	2.545	ng/ul	98
21) Benzo(b)fluoranthene	23.44	252	31482m	3.277	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	11991m	1.275	ng/ul	
23) Benzo(a)pyrene	24.07	252	17766	2.115	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.67	276	13754	1.512	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.67	278	3540	0.467	ng/ul	97
26) Benzo(g,h,i)perylene	27.44	276	12139	1.591	ng/ul	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
Data File : BM027967.D
Acq On : 25 Nov 2020 17:11
Operator : JU/CG
Sample : L4751-13DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 25 17:43:45 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 : Wed Nov 25 10:43:32 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B85DL

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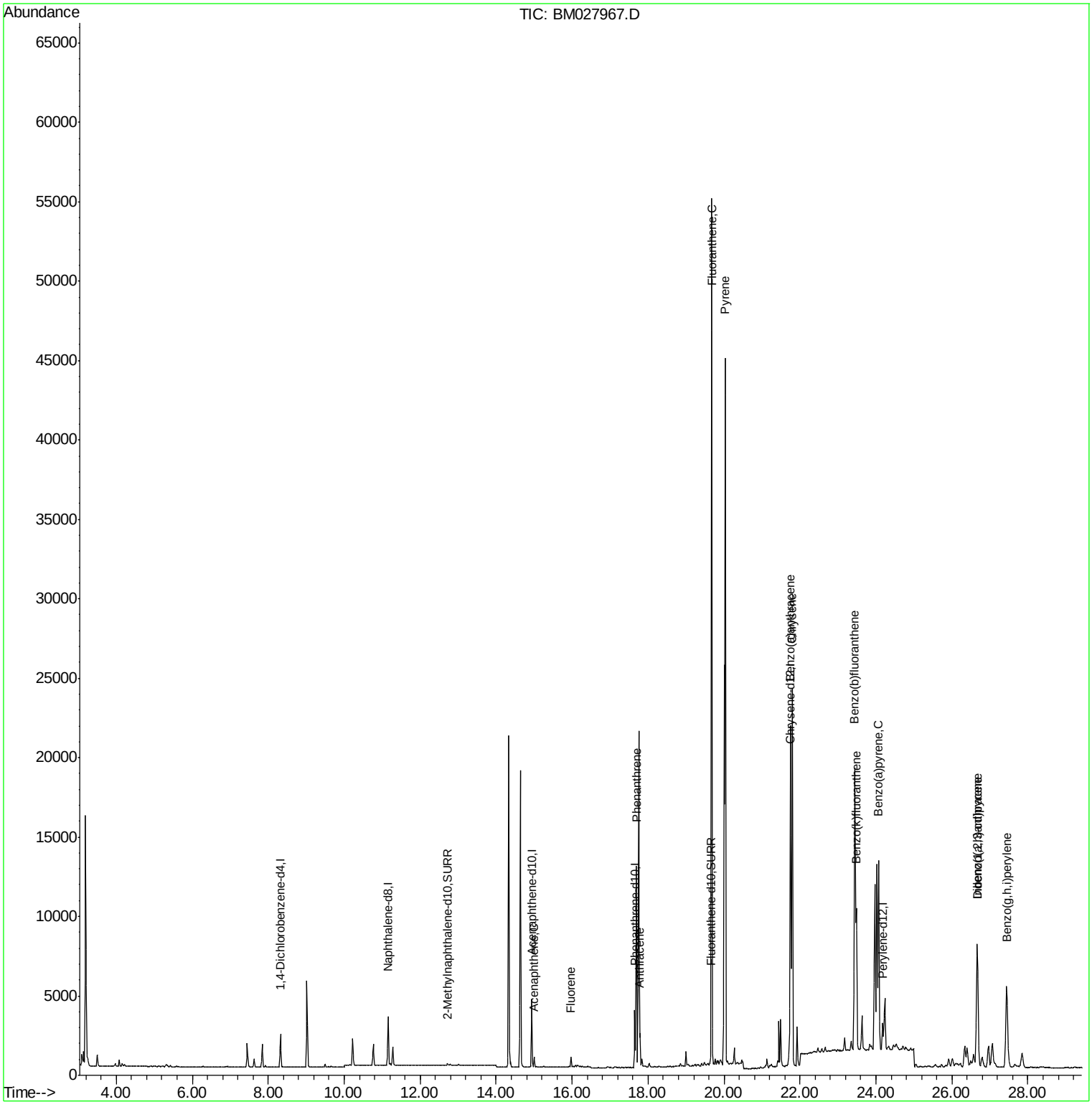
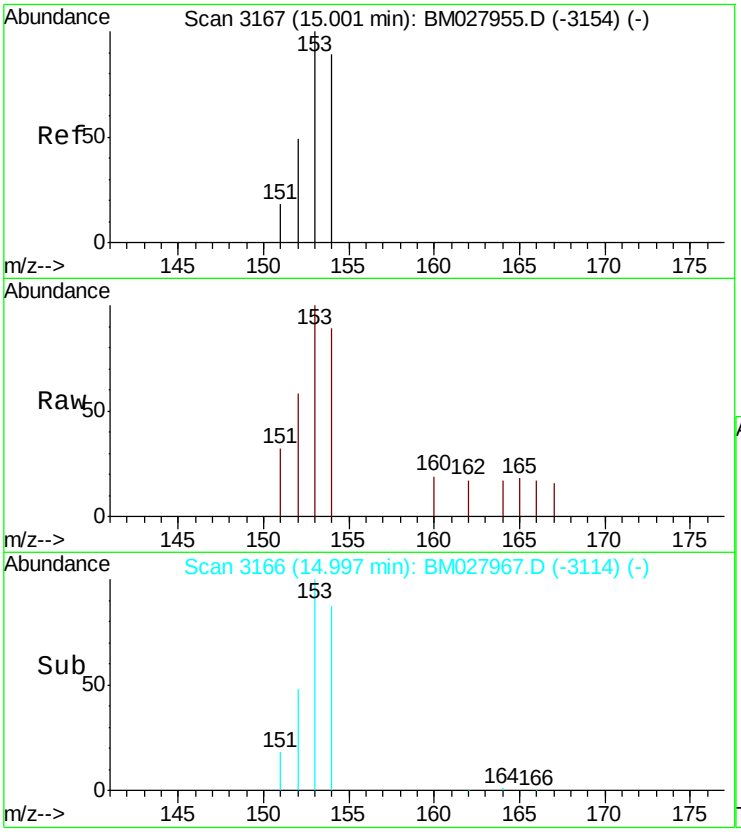
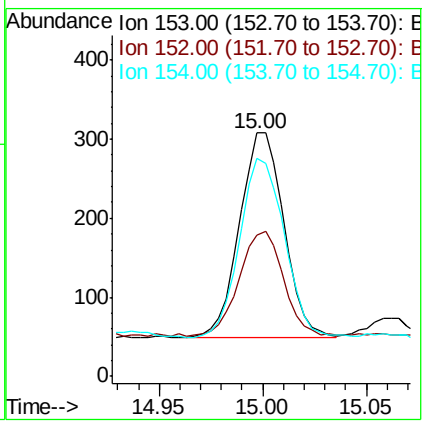




#8
Acenaphthene
Concen: 0.045 ng/ul
RT: 15.00 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BM027967.D
Acq: 25 Nov 2020 17:11

Tgt Ion:153 Resp: 381

Ion	Ratio	Lower	Upper
153	100		
152	57.8	39.0	58.6
154	89.3	71.6	107.4



Instrument :
BNA_M
ClientSampleId :
C0B85DL

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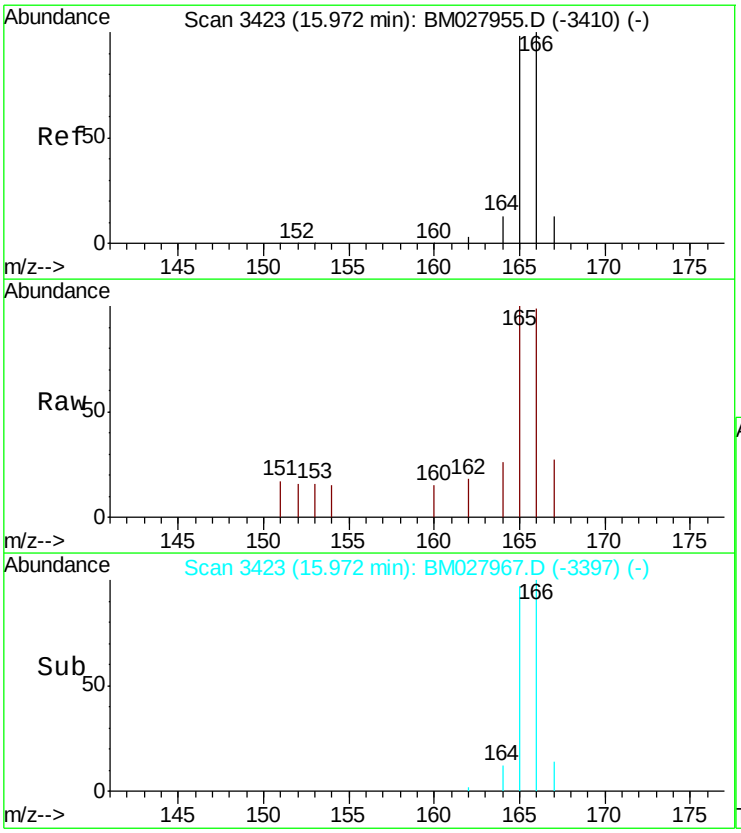
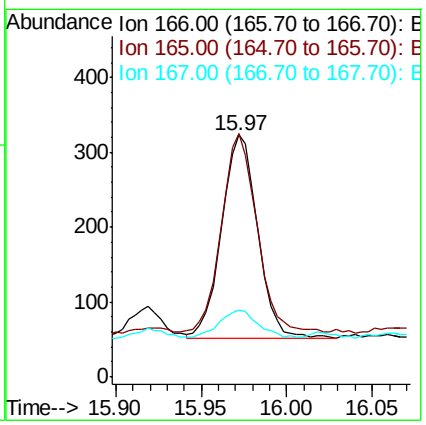
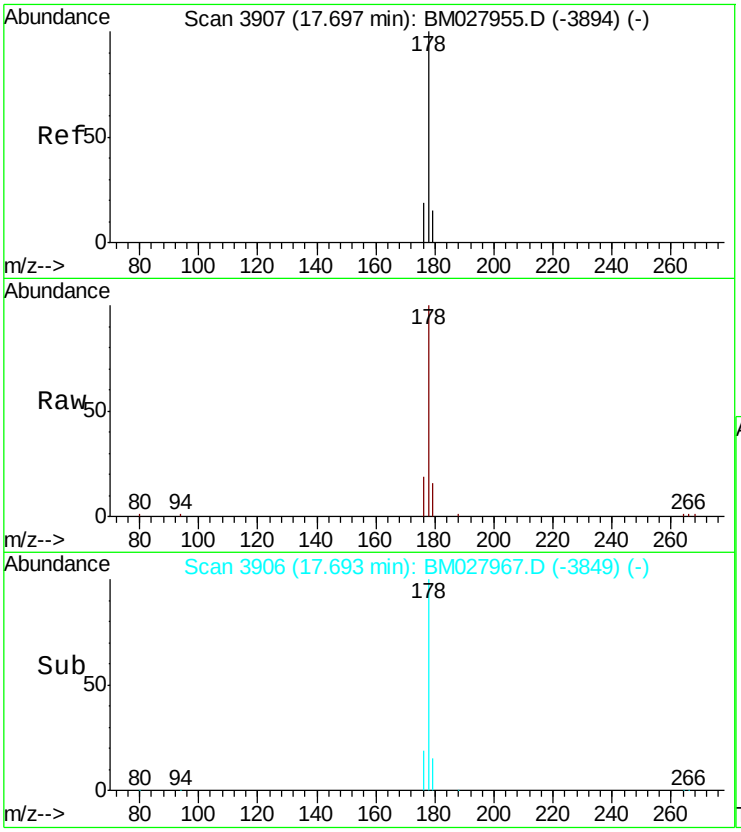


#9
Fluorene
Concen: 0.041 ng/ul
RT: 15.97 min Scan# 3423
Delta R.T. 0.00 min
Lab File: BM027967.D
Acq: 25 Nov 2020 17:11

Tgt Ion:166 Resp: 398

Ion	Ratio	Lower	Upper
166	100		
165	100.6	78.1	117.1
167	27.6	11.8	17.8#

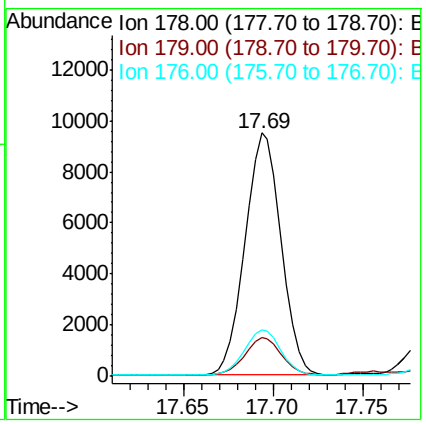




#12
Phenanthrene
Concen: 0.998 ng/ul
RT: 17.69 min Scan# 3906
Delta R.T. -0.00 min
Lab File: BM027967.D
Acq: 25 Nov 2020 17:11

Tgt Ion:178 Resp: 13192

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.6	20.4
176	19.2	16.1	24.1



Instrument :
BNA_M
ClientSampleId :
C0B85DL

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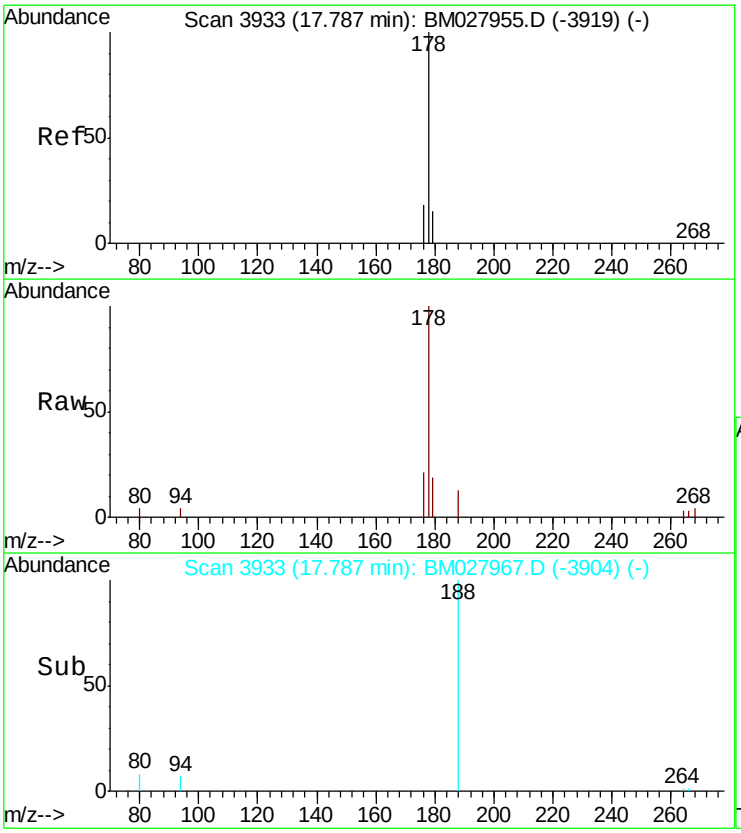
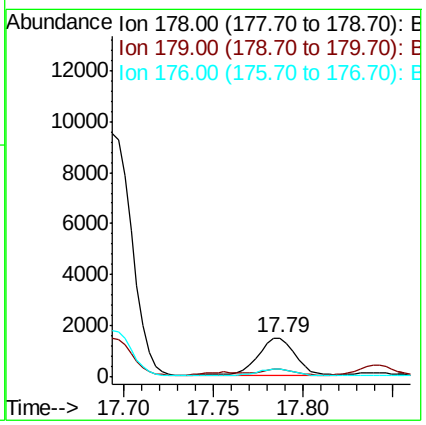
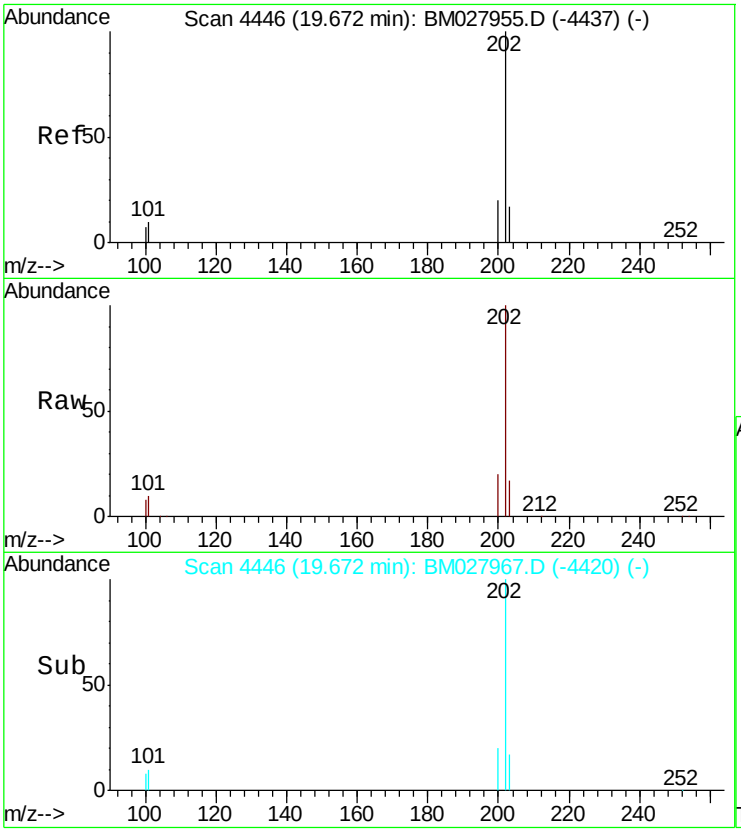


#13
Anthracene
Concen: 0.164 ng/ul
RT: 17.79 min Scan# 3933
Delta R.T. 0.00 min
Lab File: BM027967.D
Acq: 25 Nov 2020 17:11

Tgt Ion:178 Resp: 2085

Ion	Ratio	Lower	Upper
178	100		
179	19.5	13.4	20.2
176	21.3	15.0	22.6

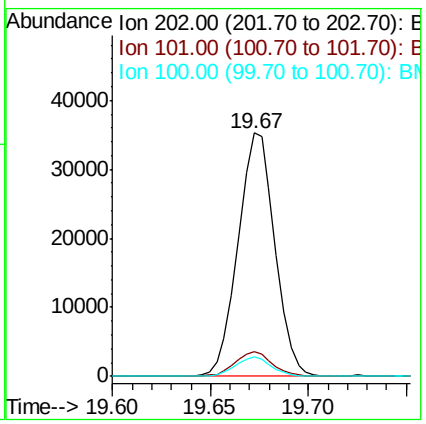




#15
Fluoranthene
Concen: 3.122 ng/ul
RT: 19.67 min Scan# 4446
Delta R.T. 0.00 min
Lab File: BM027967.D
Acq: 25 Nov 2020 17:11

Tgt Ion:202 Resp: 45750

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	29.3
100	7.9	0.0	27.4



Instrument :
BNA_M
ClientSampleId :
C0B85DL

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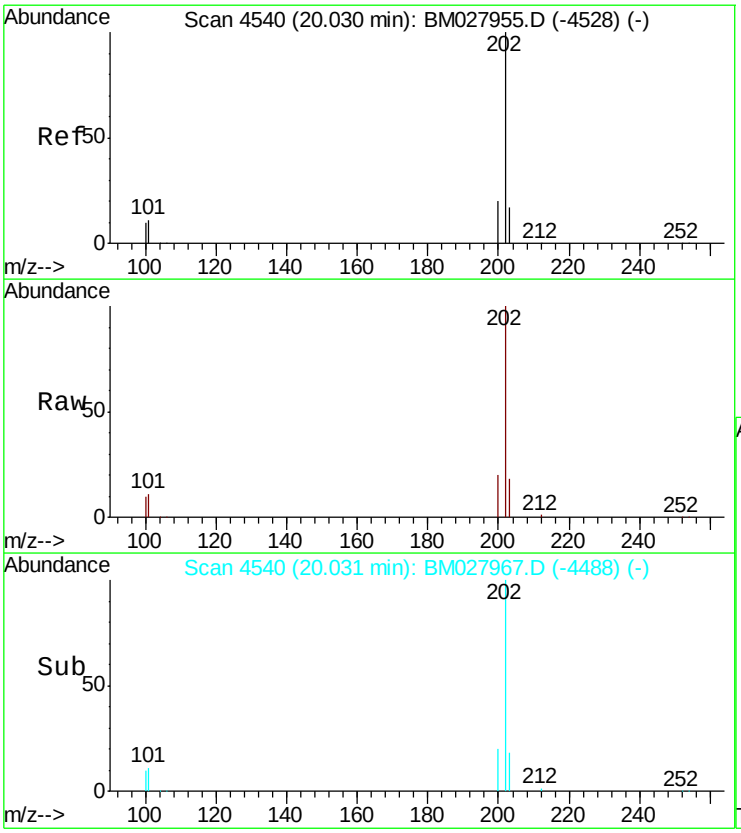
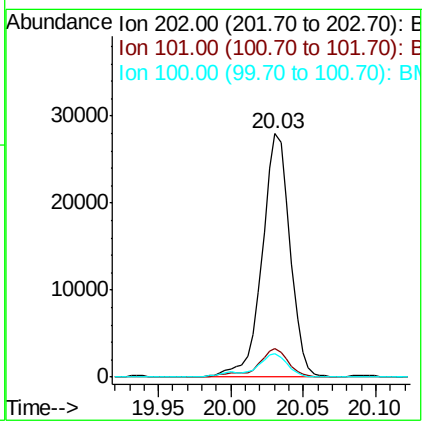
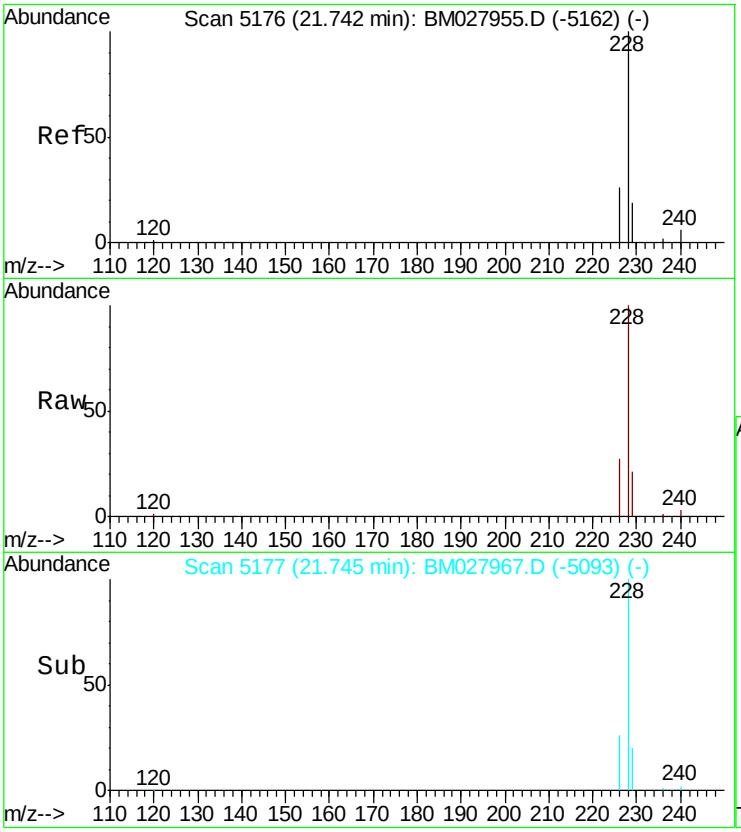


#17
Pyrene
Concen: 3.013 ng/ul
RT: 20.03 min Scan# 4540
Delta R.T. 0.00 min
Lab File: BM027967.D
Acq: 25 Nov 2020 17:11

Tgt Ion:202 Resp: 36919

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.2	12.2
100	9.7	6.9	10.3

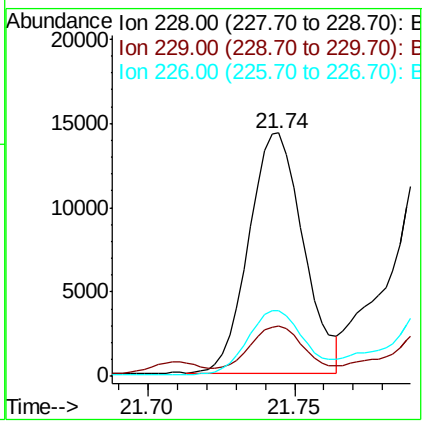




#18
Benzo(a)anthracene
Concen: 1.889 ng/ul
RT: 21.74 min Scan# 5177
Delta R.T. 0.00 min
Lab File: BM027967.D
Acq: 25 Nov 2020 17:11

Tgt Ion:228 Resp: 18392

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.2	24.4
226	26.8	21.5	32.3



Instrument :
BNA_M
ClientSampleId :
C0B85DL

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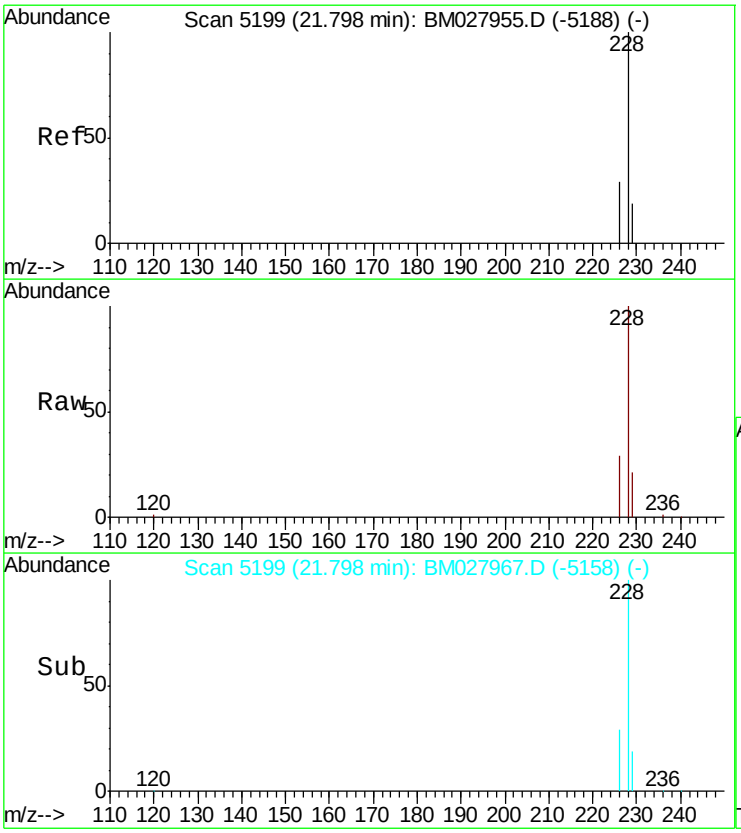
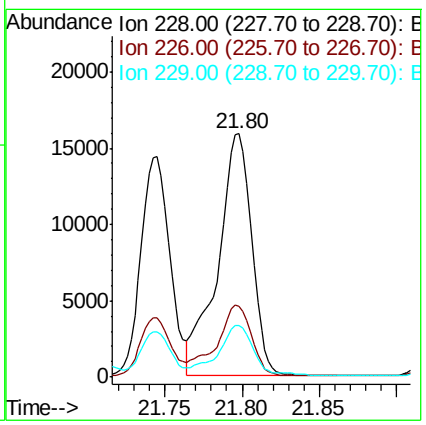
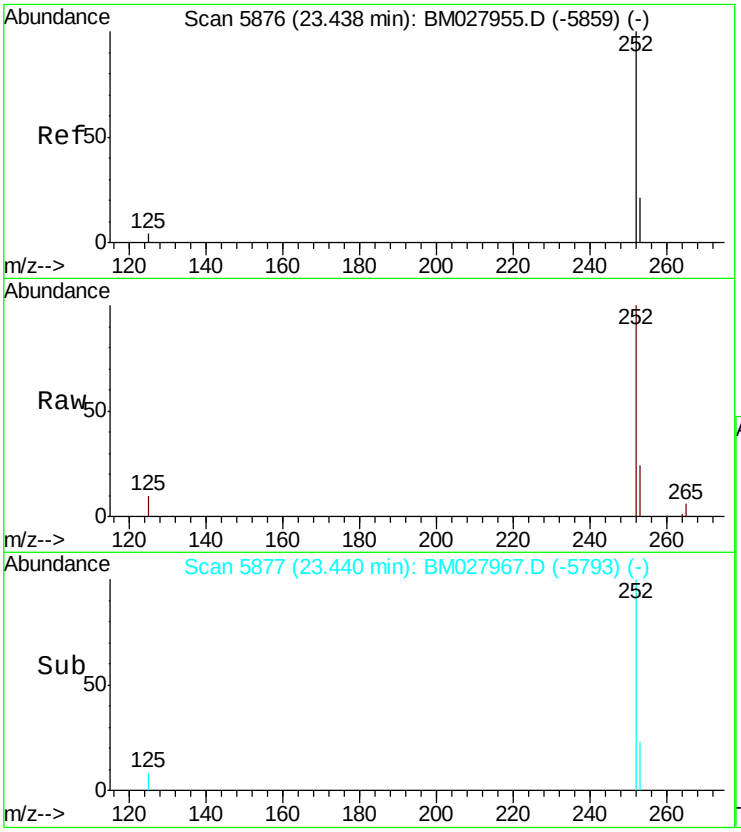


#19
Chrysene
Concen: 2.545 ng/ul
RT: 21.80 min Scan# 5199
Delta R.T. 0.00 min
Lab File: BM027967.D
Acq: 25 Nov 2020 17:11

Tgt Ion:228 Resp: 24134

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.1	36.1
229	21.4	16.6	24.8





#21
Benzo(b)fluoranthene
Concen: 3.277 ng/ul m
RT: 23.44 min Scan# 5877
Delta R.T. 0.00 min
Lab File: BM027967.D
Acq: 25 Nov 2020 17:11

Tgt Ion:252 Resp: 31482

Ion	Ratio	Lower	Upper
252	100		
253	24.2	0.0	59.6
125	10.2	0.0	28.4

Instrument :
BNA_M
ClientSampleId :
C0B85DL

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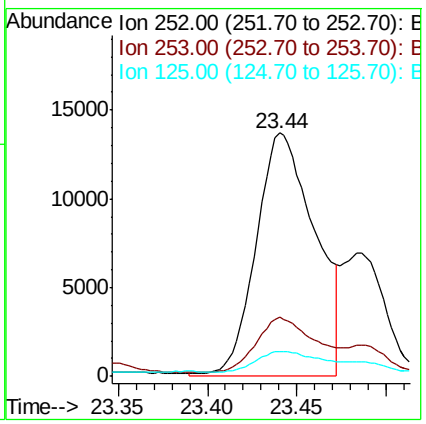
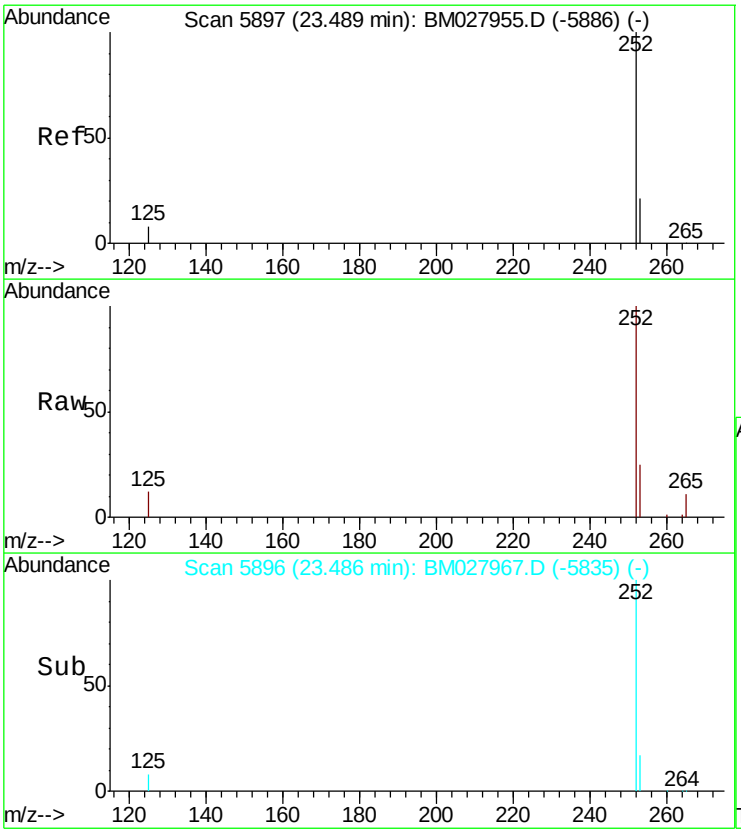
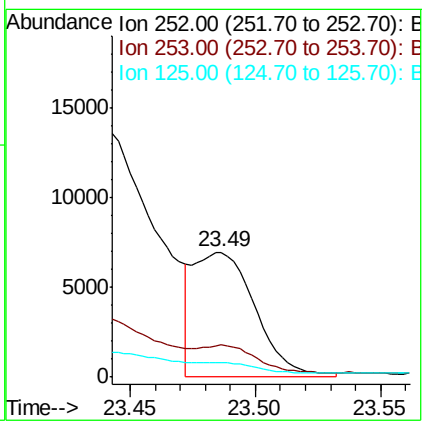


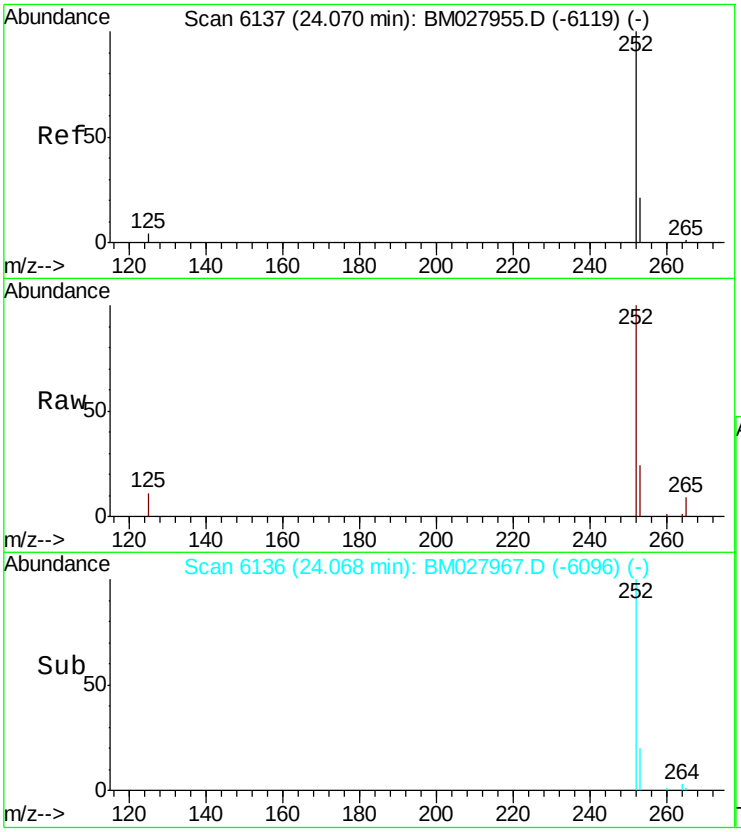


#22
Benzo(k)fluoranthene
Concen: 1.275 ng/ul m
RT: 23.49 min Scan# 5896
Delta R.T. -0.00 min
Lab File: BM027967.D
Acq: 25 Nov 2020 17:11

Tgt Ion:252 Resp: 11991

Ion	Ratio	Lower	Upper
252	100		
253	25.5	23.2	34.8
125	11.7	11.8	17.6#





#23
Benzo(a)pyrene
Concen: 2.115 ng/ul
RT: 24.07 min Scan# 6136
Delta R.T. -0.00 min
Lab File: BM027967.D
Acq: 25 Nov 2020 17:11

Tgt Ion:252 Resp: 17766

Ion	Ratio	Lower	Upper
252	100		
253	24.2	25.2	37.8#
125	11.2	13.8	20.6#

Instrument :
BNA_M
ClientSampleId :
C0B85DL

Manual Integrations APPROVED
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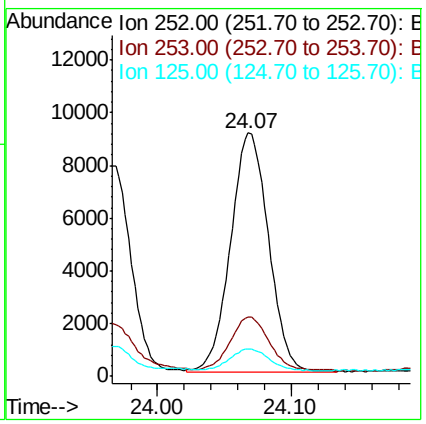
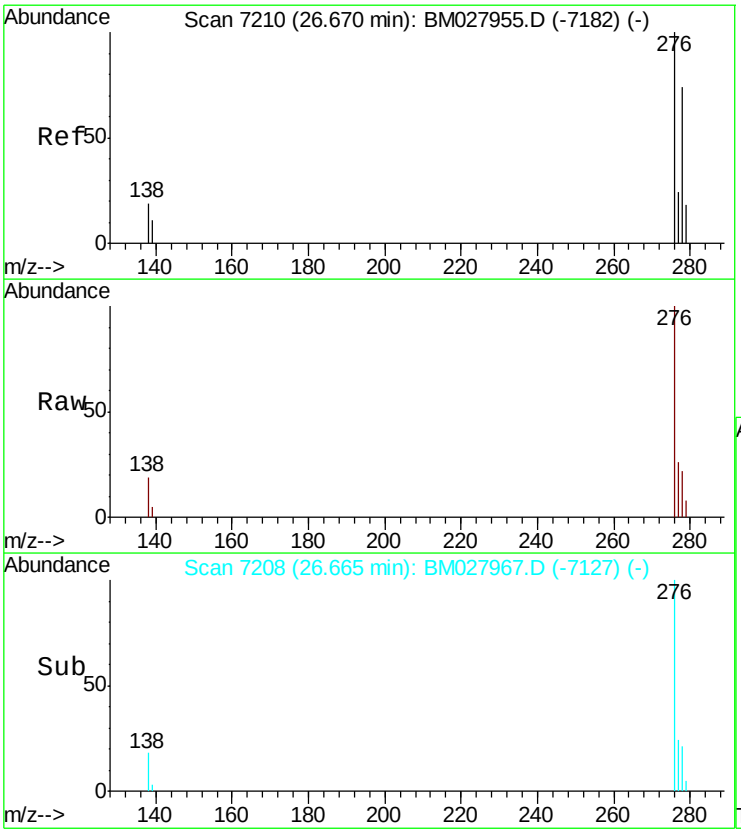
11/27/2020 11:43:44 AM

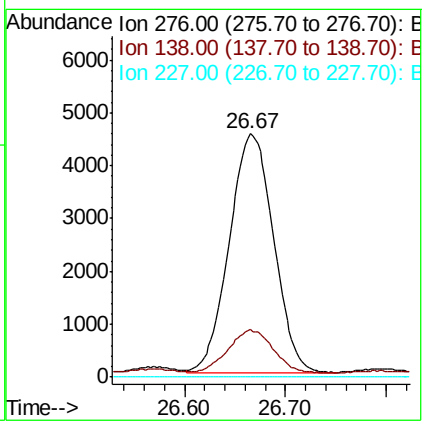


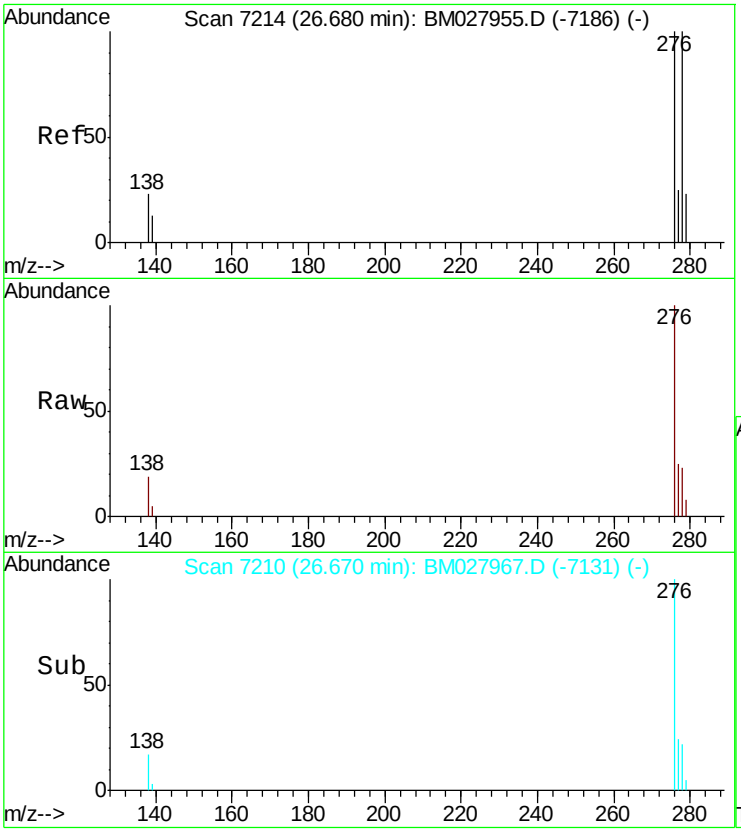


#24
Indeno(1,2,3-cd)pyrene
Concen: 1.512 ng/ul
RT: 26.67 min Scan# 7208
Delta R.T. -0.00 min
Lab File: BM027967.D
Acq: 25 Nov 2020 17:11

Tgt Ion:276 Resp: 13754

Ion	Ratio	Lower	Upper
276	100		
138	18.1	15.7	23.5
227	0.0	0.0	0.0

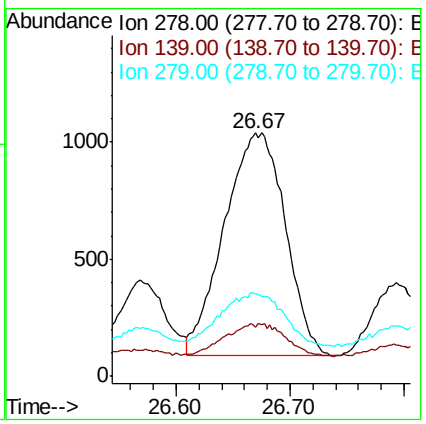




#25
Dibenzo(a,h)anthracene
Concen: 0.467 ng/ul
RT: 26.67 min Scan# 7210
Delta R.T. -0.01 min
Lab File: BM027967.D
Acq: 25 Nov 2020 17:11

Tgt Ion:278 Resp: 3540

Ion	Ratio	Lower	Upper
278	100		
139	20.2	14.8	22.2
279	33.8	25.8	38.6



Instrument :
BNA_M
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C0B85DL

Manual Integrations APPROVED
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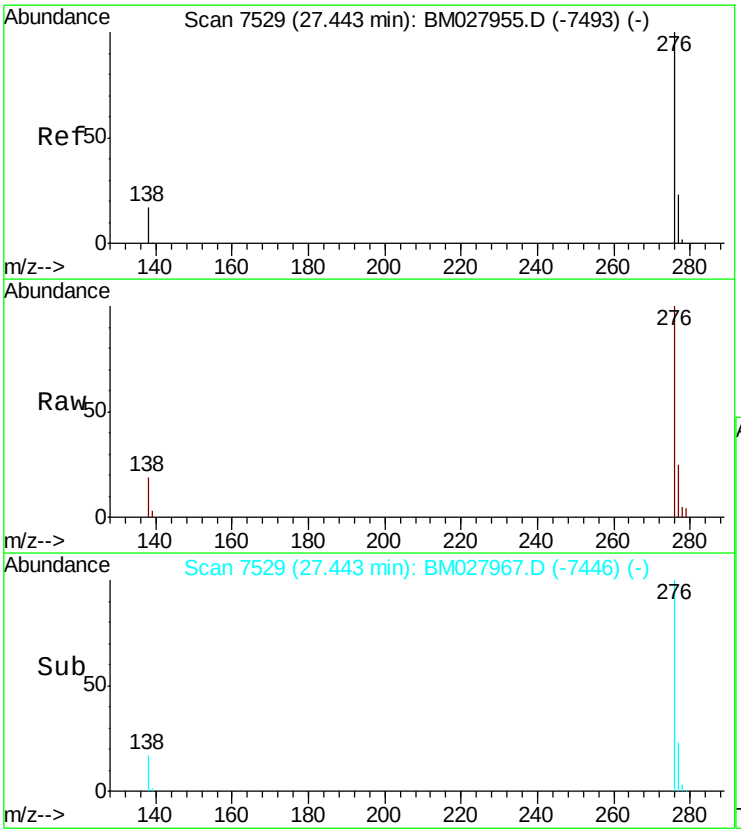
11/27/2020 11:43:44 AM



#26
Benzo(g,h,i)perylene
Concen: 1.591 ng/ul
RT: 27.44 min Scan# 7529
Delta R.T. 0.00 min
Lab File: BM027967.D
Acq: 25 Nov 2020 17:11

Tgt Ion:276 Resp: 12139

Ion	Ratio	Lower	Upper
276	100		
138	19.0	17.4	26.2
277	25.2	22.5	33.7