Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027866.D
Acq On : 20 Nov 2020 23:26
Operator : JU/CG
Sample : L4710-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 21 03:14:18 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 : Sat Nov 21 02:40:49 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AY5

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1042	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	4216	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2674	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5257	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	3135	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2351	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1370	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	2757	0.20	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.22	128	608	0.048	ng/ul#	76
5) 2-Methylnaphthalene	12.81	142	400	0.047	ng/ul	99
7) Acenaphthylene	14.67	152	647	0.050	ng/ul#	80
8) Acenaphthene	15.01	153	243	0.025	ng/ul#	84
9) Fluorene	15.98	166	341	0.030	ng/ul#	91
12) Phenanthrene	17.71	178	6864	0.413	ng/ul	100
13) Anthracene	17.79	178	1338m	0.084	ng/ul	
15) Fluoranthene	19.68	202	26037	1.414	ng/ul	99
17) Pyrene	20.04	202	23698	1.488	ng/ul	98
18) Benzo(a)anthracene	21.75	228	10875	0.860	ng/ul	98
19) Chrysene	21.80	228	12281	0.997	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	14400m	1.457	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	5185m	0.536	ng/ul	
23) Benzo(a)pyrene	24.08	252	9195	1.064	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	26.68	276	6338	0.678	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.69	278	1614	0.207	ng/ul#	57
26) Benzo(g,h,i)perylene	27.46	276	5878	0.749	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027866.D
Acq On : 20 Nov 2020 23:26
Operator : JU/CG
Sample : L4710-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 21 03:14:18 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 : Sat Nov 21 02:40:49 2020
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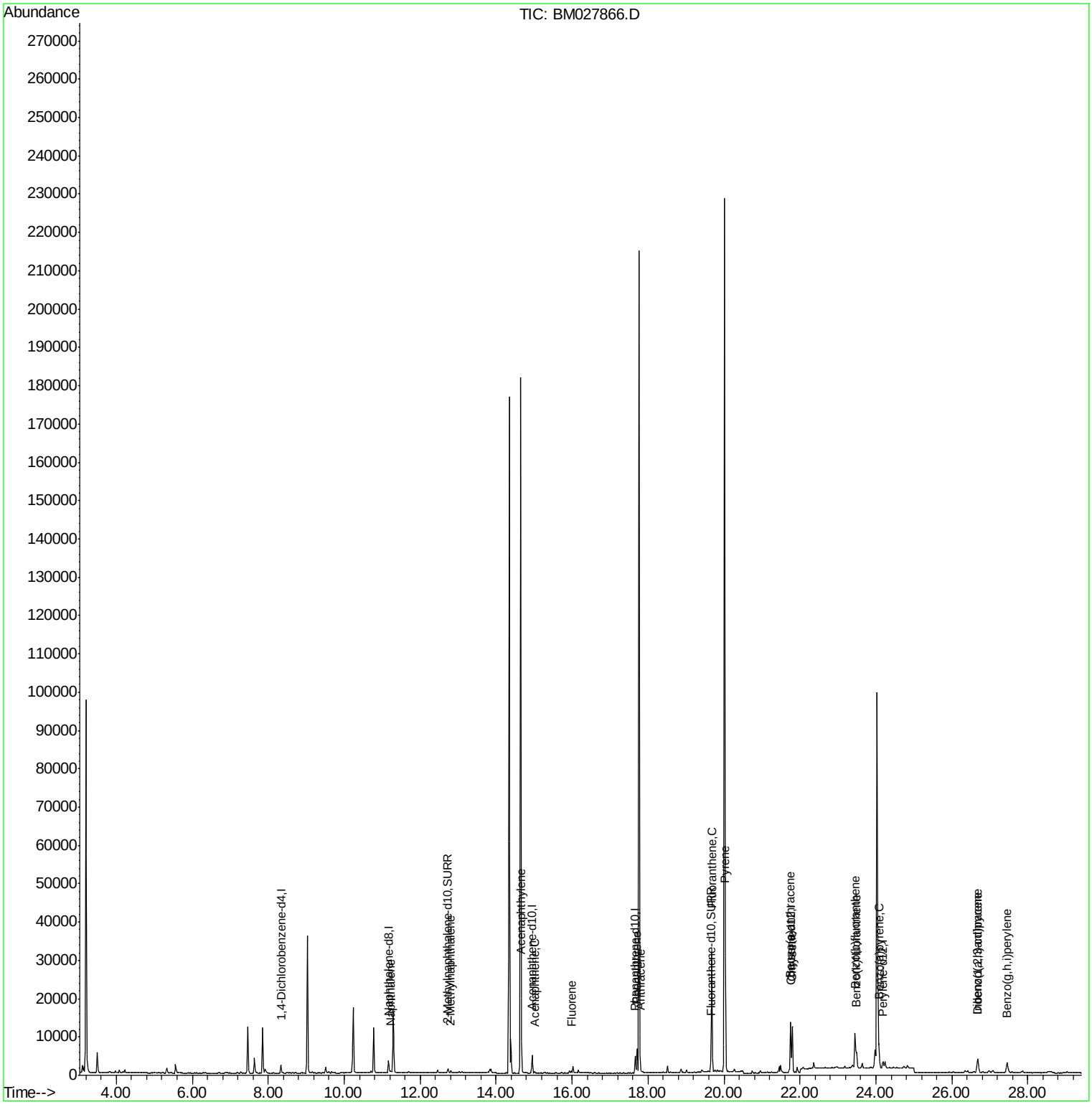
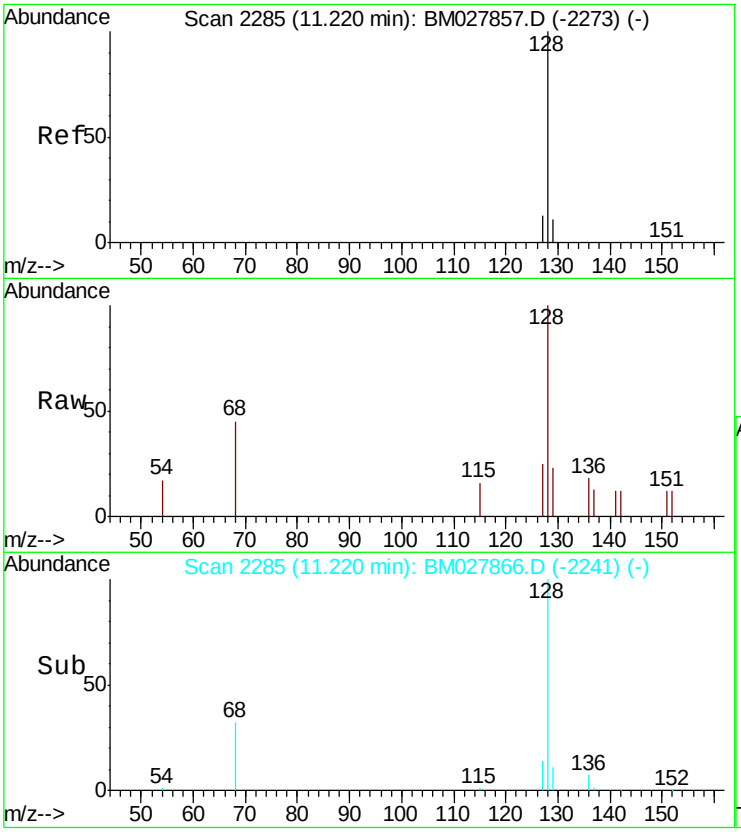
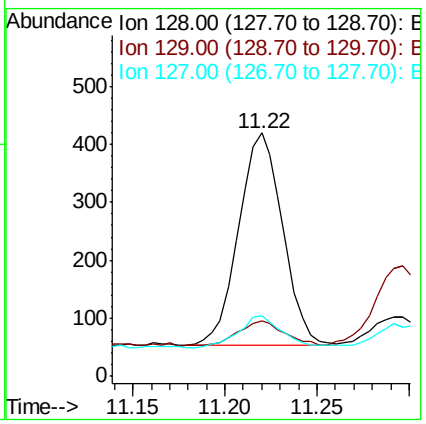




#3
Naphthalene
Concen: 0.048 ng/ul
RT: 11.22 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BM027866.D
Acq: 20 Nov 2020 23:26

Tgt Ion:128 Resp: 608

Ion	Ratio	Lower	Upper
128	100		
129	22.6	10.4	15.6#
127	24.8	12.0	18.0#



Instrument :
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ClientSampleId :
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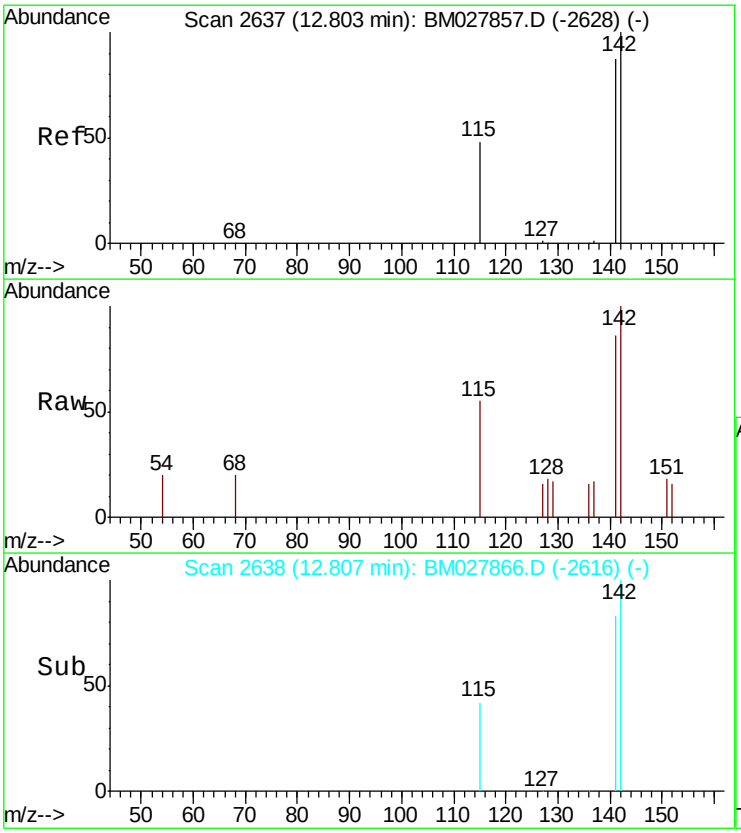
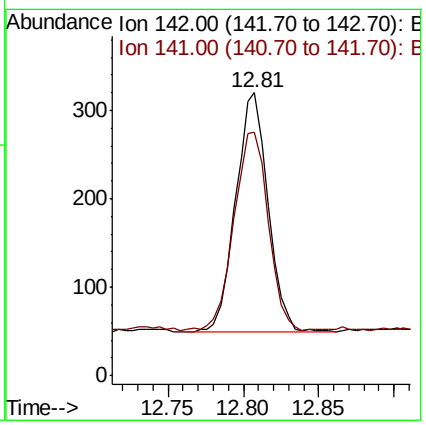
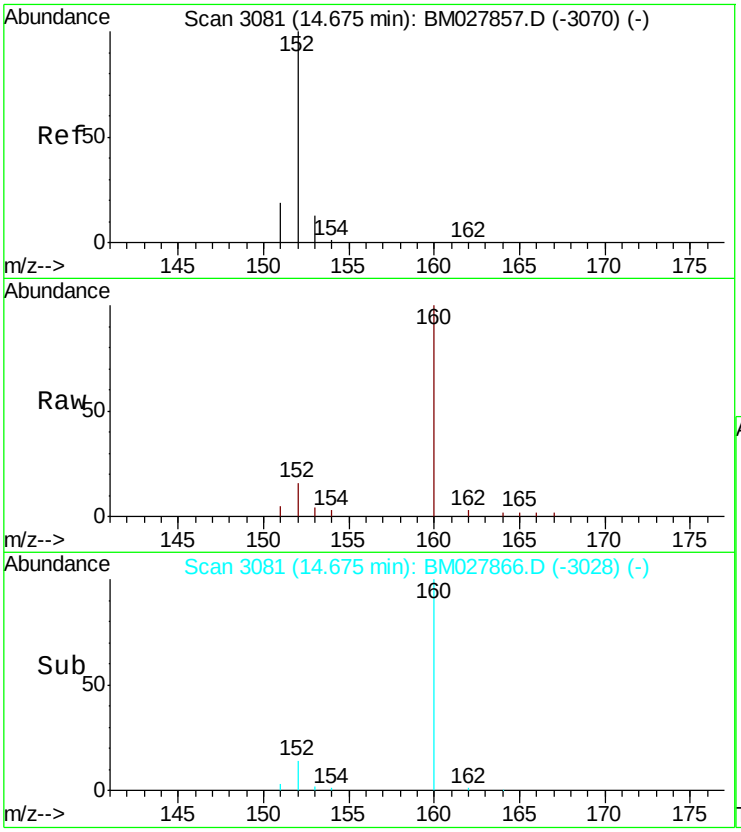


#5
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.81 min Scan# 2638
Delta R.T. -0.00 min
Lab File: BM027866.D
Acq: 20 Nov 2020 23:26

Tgt Ion:142 Resp: 400

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.6	107.4

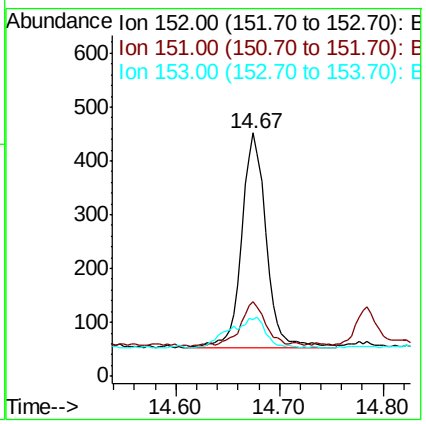




#7
Acenaphthylene
Concen: 0.050 ng/ul
RT: 14.67 min Scan# 3081
Delta R.T. -0.00 min
Lab File: BM027866.D
Acq: 20 Nov 2020 23:26

Tgt Ion:152 Resp: 647

Ion	Ratio	Lower	Upper
152	100		
151	30.5	17.1	25.7#
153	23.2	12.0	18.0#



Instrument :
BNA_M
ClientSampleId :
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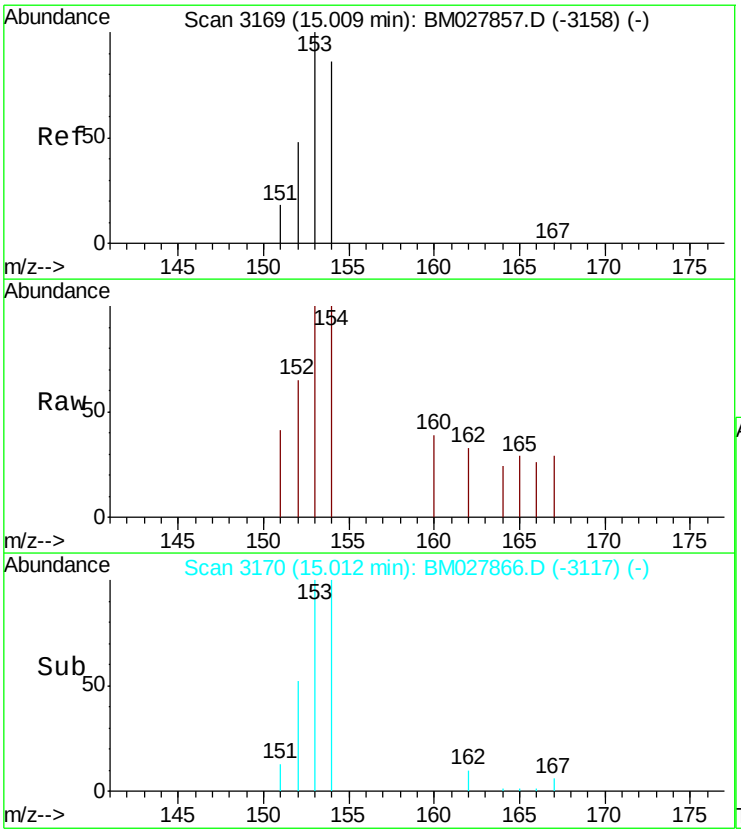
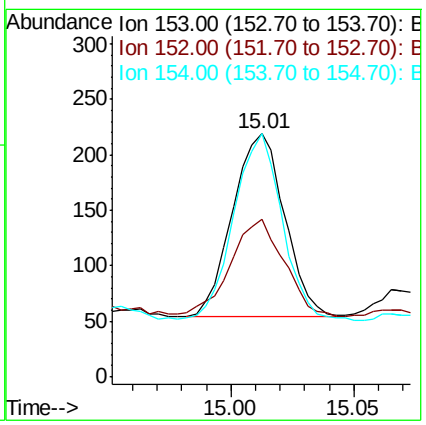
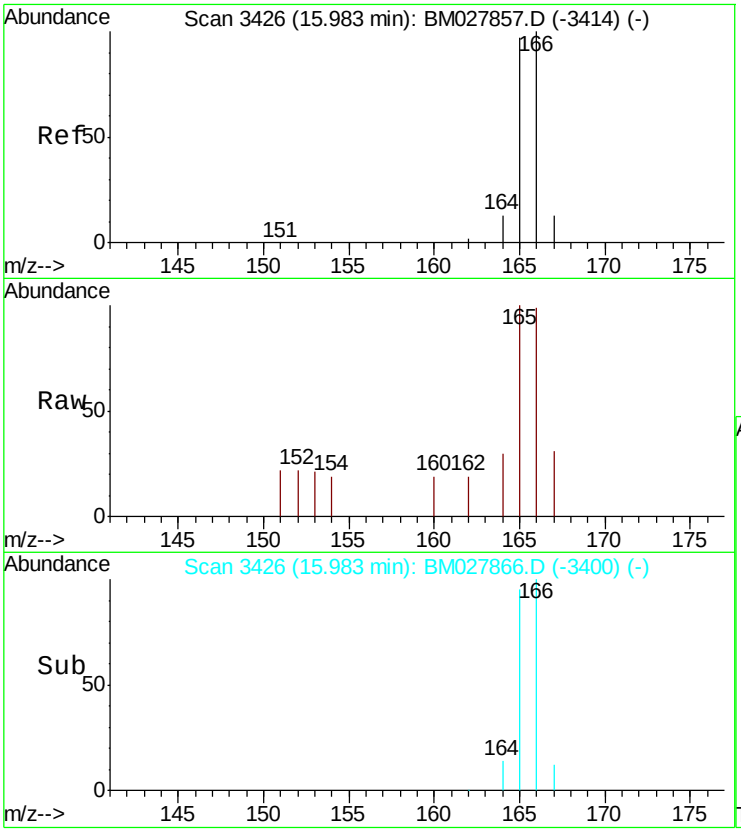


#8
Acenaphthene
Concen: 0.025 ng/ul
RT: 15.01 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BM027866.D
Acq: 20 Nov 2020 23:26

Tgt Ion:153 Resp: 243

Ion	Ratio	Lower	Upper
153	100		
152	64.8	39.0	58.6#
154	100.0	71.6	107.4





#9
Fluorene
Concen: 0.030 ng/ul
RT: 15.98 min Scan# 3426
Delta R.T. -0.00 min
Lab File: BM027866.D
Acq: 20 Nov 2020 23:26

Tgt Ion:166 Resp: 341

Ion	Ratio	Lower	Upper
166	100		
165	101.4	78.1	117.1
167	31.7	11.8	17.8#

Instrument :
BNA_M
ClientSampleId :
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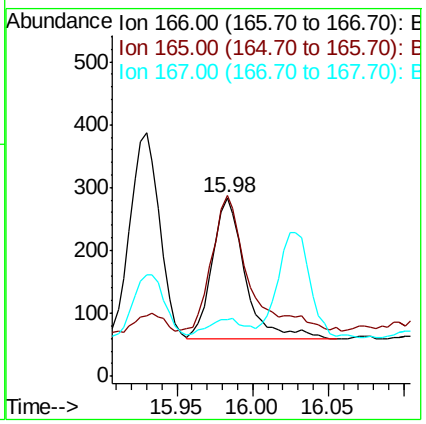
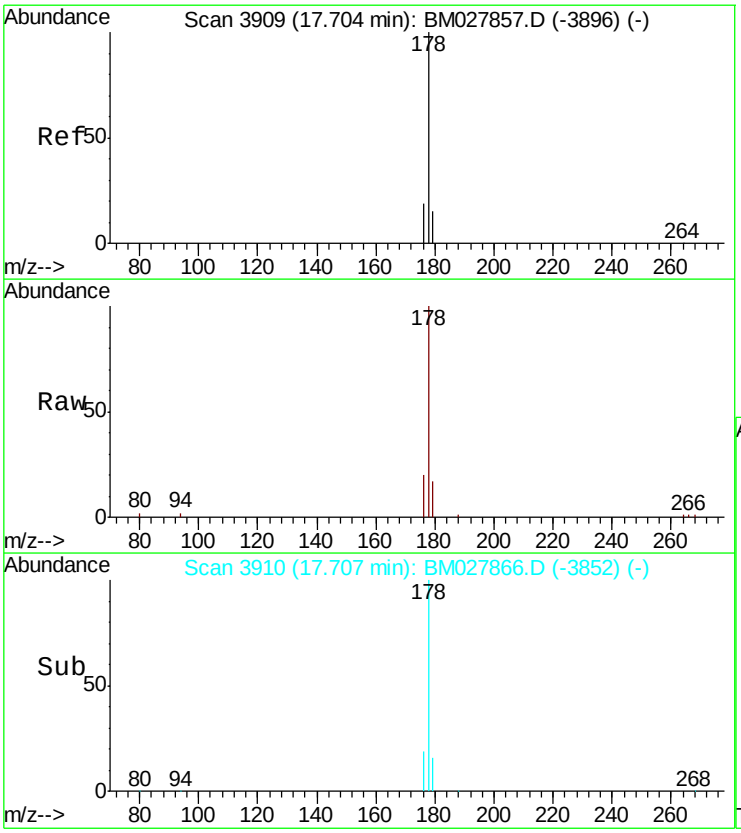
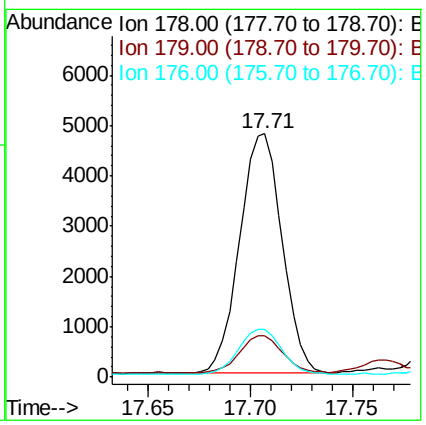


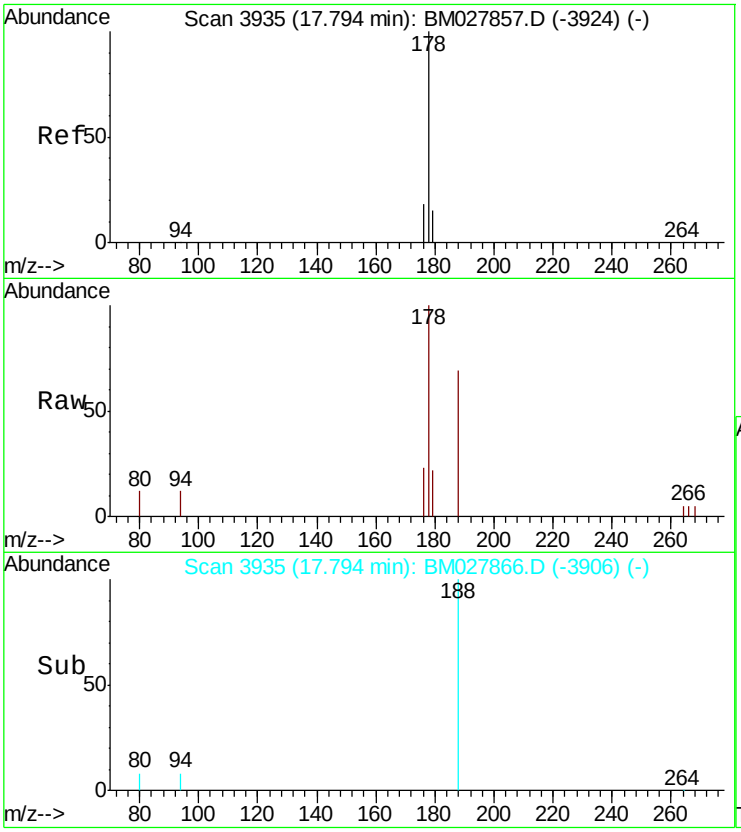


#12
Phenanthrene
Concen: 0.413 ng/ul
RT: 17.71 min Scan# 3910
Delta R.T. -0.00 min
Lab File: BM027866.D
Acq: 20 Nov 2020 23:26

Tgt Ion:178 Resp: 6864

Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.6	20.4
176	19.8	16.1	24.1

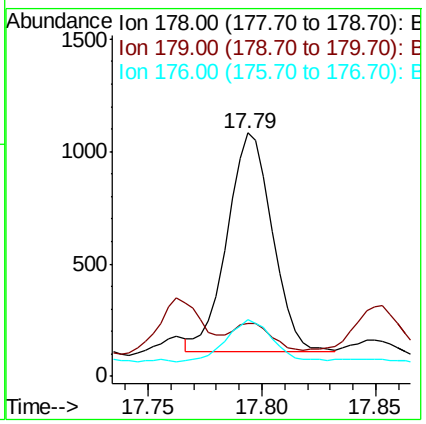




#13
Anthracene
Concen: 0.084 ng/ul m
RT: 17.79 min Scan# 3935
Delta R.T. -0.00 min
Lab File: BM027866.D
Acq: 20 Nov 2020 23:26

Tgt Ion:178 Resp: 1338

Ion	Ratio	Lower	Upper
178	100		
179	21.9	13.4	20.2#
176	23.5	15.0	22.6#



Instrument :
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ClientSampleId :
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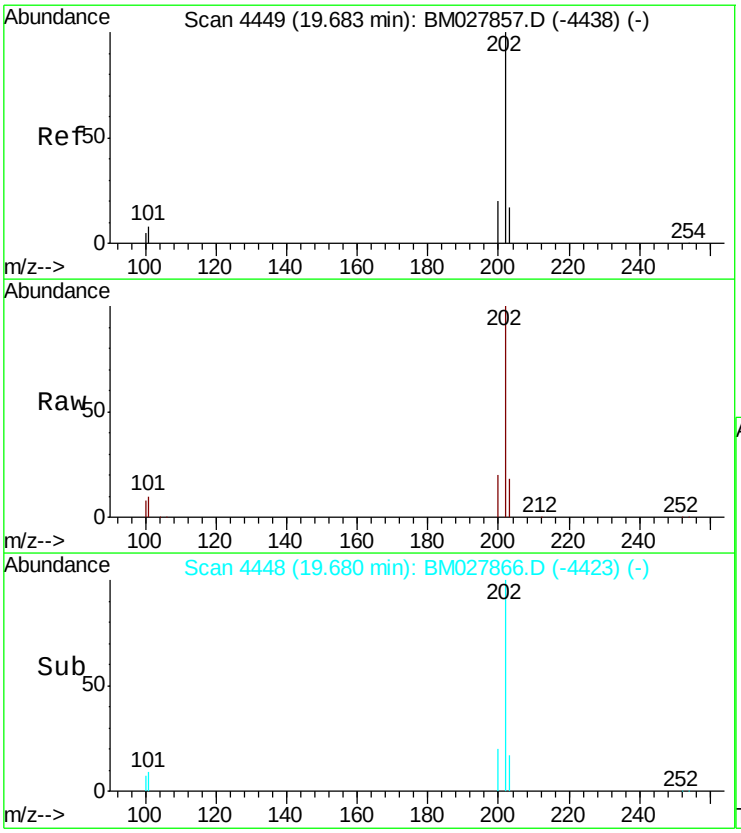
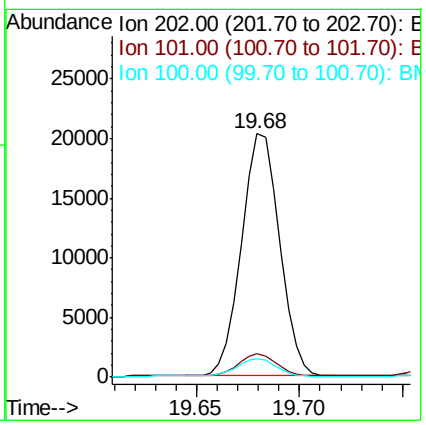
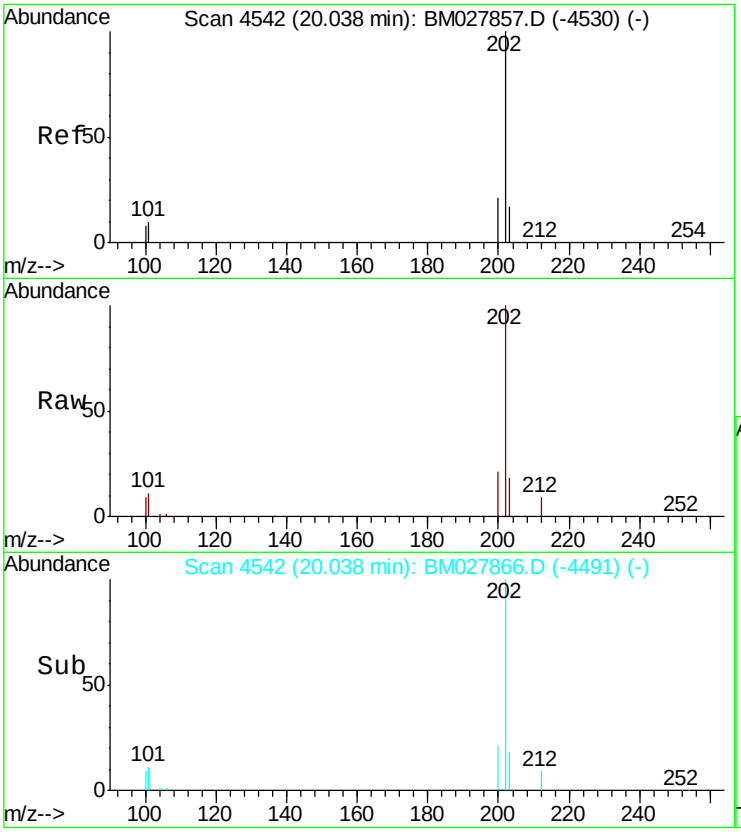


#15
Fluoranthene
Concen: 1.414 ng/ul
RT: 19.68 min Scan# 4448
Delta R.T. -0.00 min
Lab File: BM027866.D
Acq: 20 Nov 2020 23:26

Tgt Ion:202 Resp: 26037

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.3
100	7.6	0.0	27.4





#17
Pyrene
Concen: 1.488 ng/ul
RT: 20.04 min Scan# 4542
Delta R.T. -0.00 min
Lab File: BM027866.D
Acq: 20 Nov 2020 23:26

Tgt Ion:202 Resp: 23698

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.2	12.2
100	9.2	6.9	10.3

Instrument :
BNA_M
ClientSampleId :
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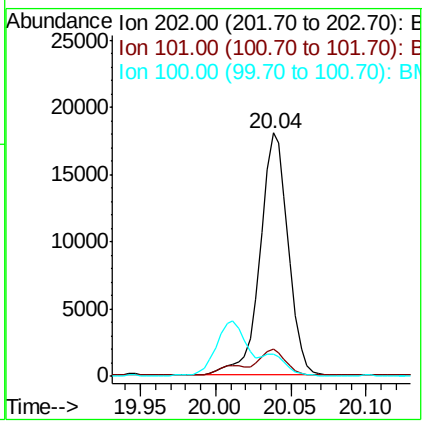
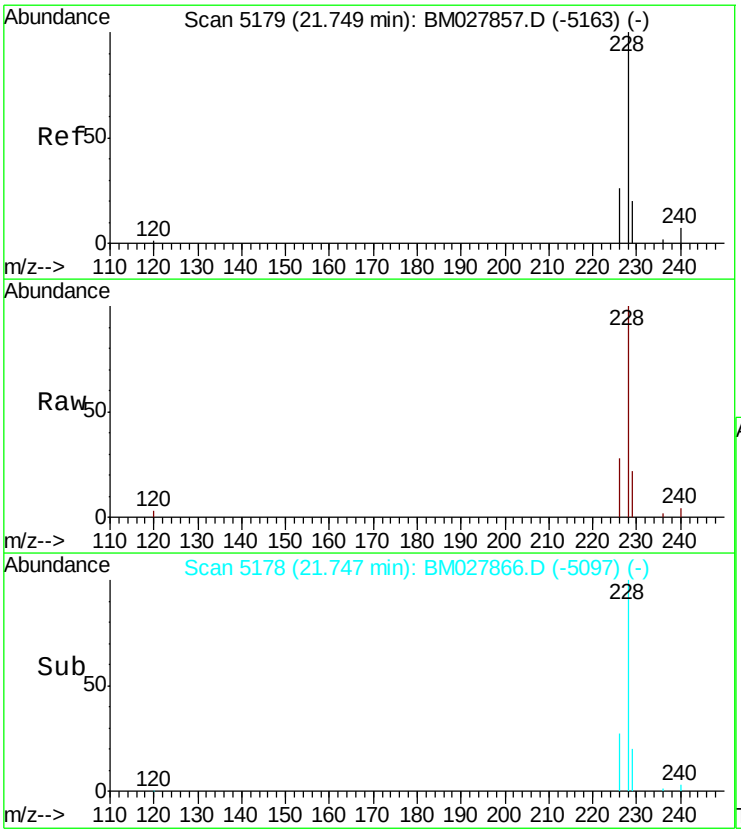
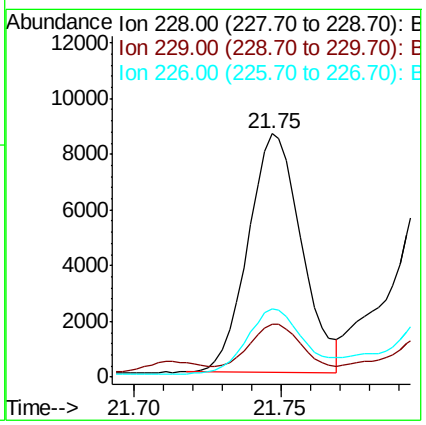


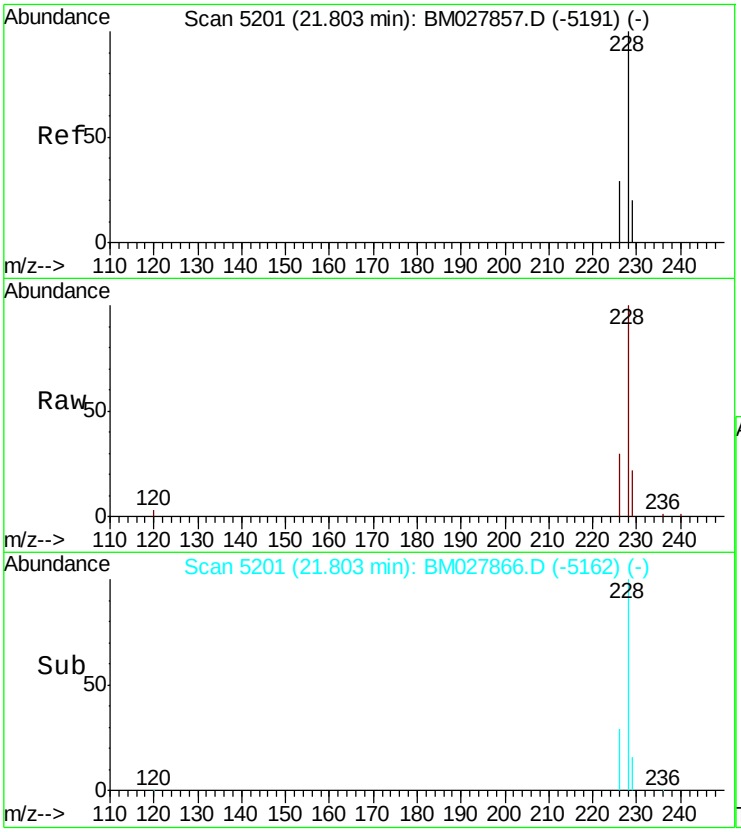


#18
Benzo(a)anthracene
Concen: 0.860 ng/ul
RT: 21.75 min Scan# 5178
Delta R.T. -0.00 min
Lab File: BM027866.D
Acq: 20 Nov 2020 23:26

Tgt Ion:228 Resp: 10875

Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.2	24.4
226	27.8	21.5	32.3

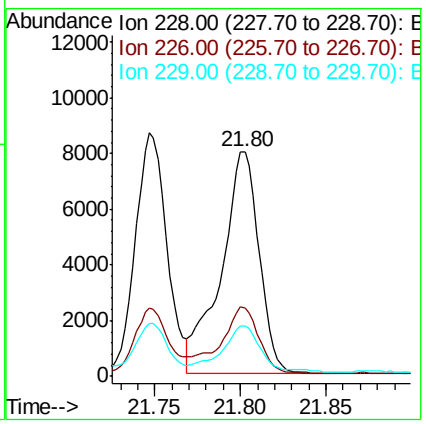




#19
Chrysene
Concen: 0.997 ng/ul
RT: 21.80 min Scan# 5201
Delta R.T. -0.00 min
Lab File: BM027866.D
Acq: 20 Nov 2020 23:26

Tgt Ion:228 Resp: 12281

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	22.2	16.6	24.8



Instrument :
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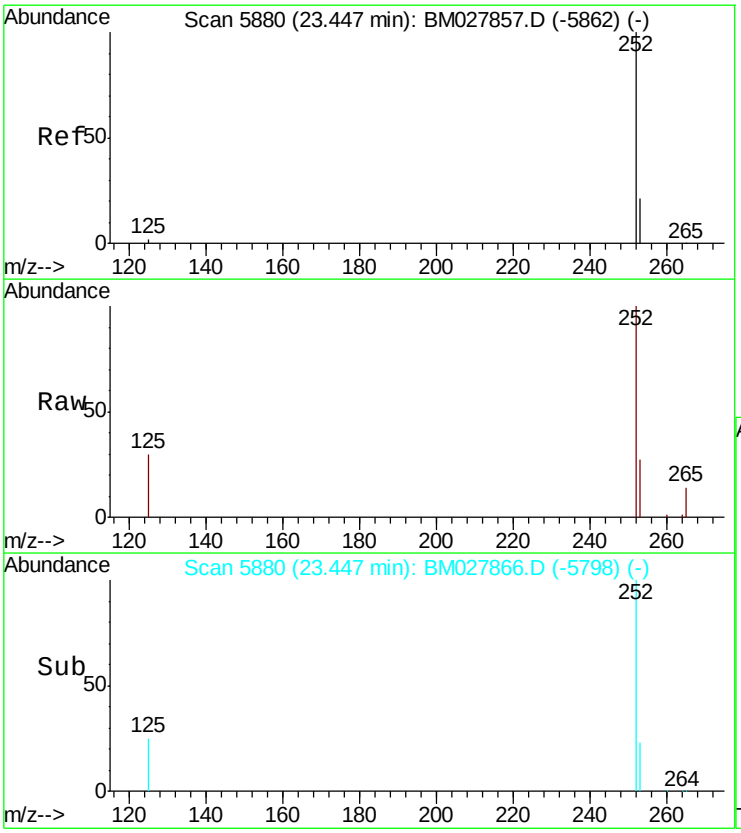
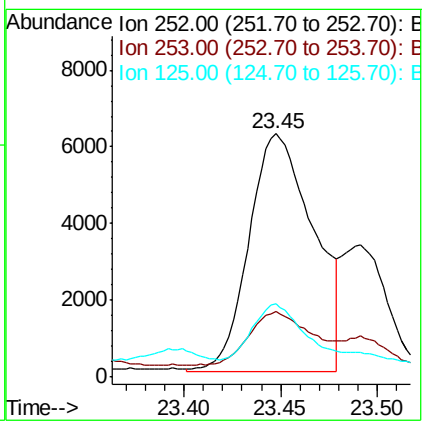
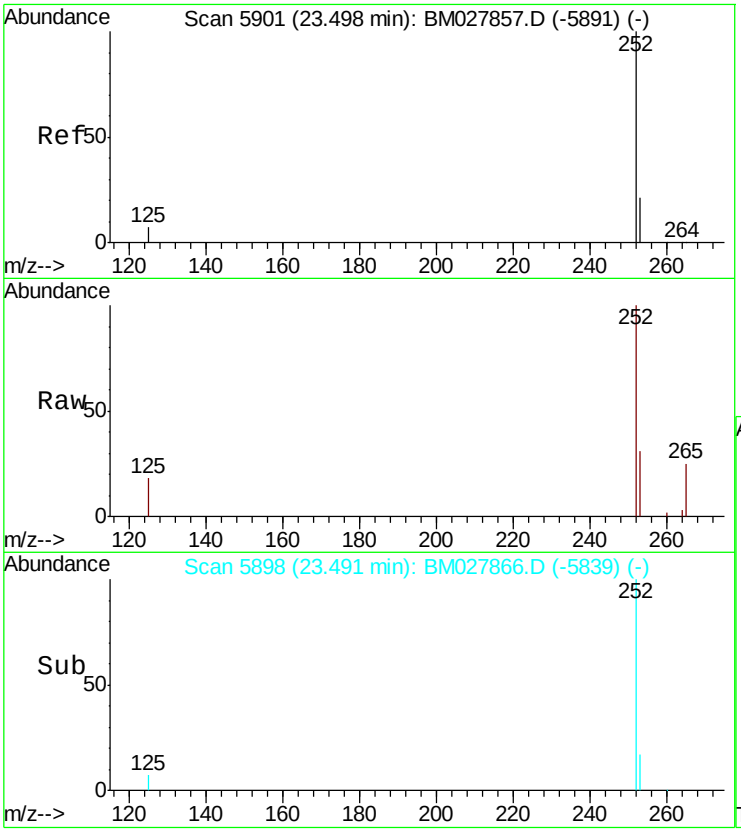


#21
Benzo(b)fluoranthene
Concen: 1.457 ng/ul m
RT: 23.45 min Scan# 5880
Delta R.T. -0.00 min
Lab File: BM027866.D
Acq: 20 Nov 2020 23:26

Tgt Ion:252 Resp: 14400

Ion	Ratio	Lower	Upper
252	100		
253	26.7	0.0	59.6
125	30.0	0.0	28.4#

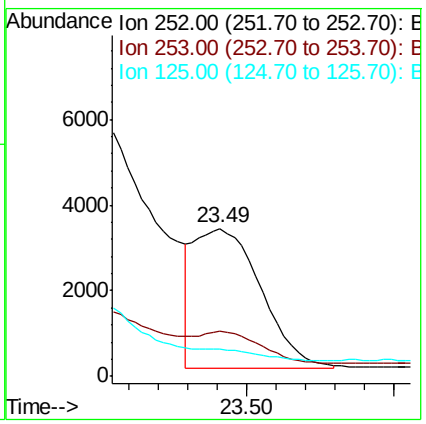




#22
Benzo(k)fluoranthene
Concen: 0.536 ng/ul m
RT: 23.49 min Scan# 5898
Delta R.T. -0.01 min
Lab File: BM027866.D
Acq: 20 Nov 2020 23:26

Tgt Ion:252 Resp: 5185

Ion	Ratio	Lower	Upper
252	100		
253	30.8	23.2	34.8
125	18.5	11.8	17.6#



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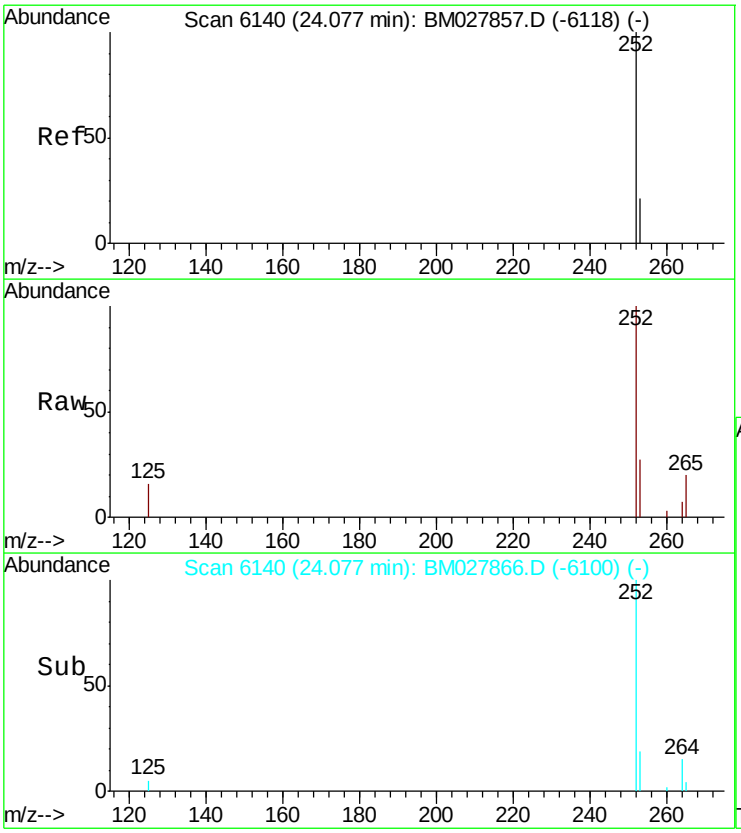
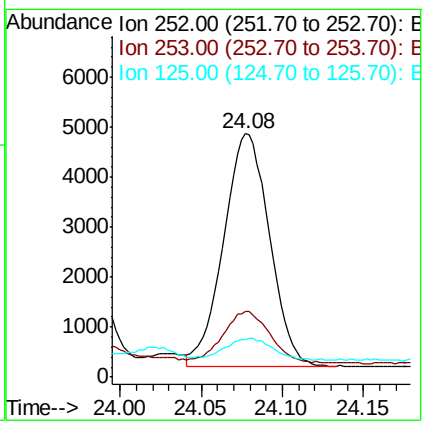
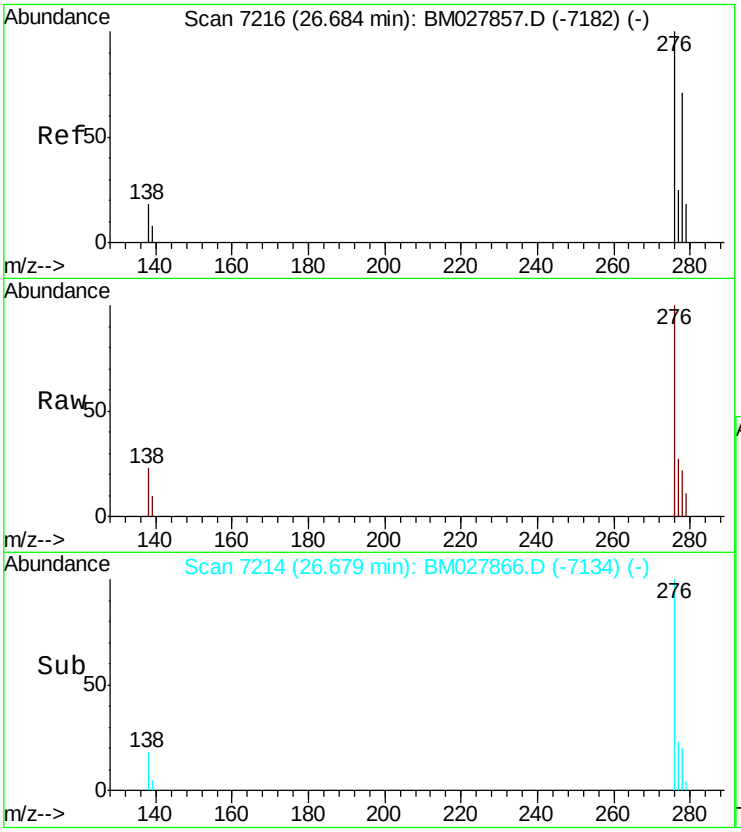


#23
Benzo(a)pyrene
Concen: 1.064 ng/ul
RT: 24.08 min Scan# 6140
Delta R.T. -0.00 min
Lab File: BM027866.D
Acq: 20 Nov 2020 23:26

Tgt Ion:252 Resp: 9195

Ion	Ratio	Lower	Upper
252	100		
253	27.2	25.2	37.8
125	15.6	13.8	20.6





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.678 ng/ul
RT: 26.68 min Scan# 7214
Delta R.T. -0.01 min
Lab File: BM027866.D
Acq: 20 Nov 2020 23:26

Tgt Ion:276 Resp: 6338

Ion	Ratio	Lower	Upper
276	100		
138	19.6	15.7	23.5
227	0.0	0.0	0.0

Instrument :
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ClientSampleId :
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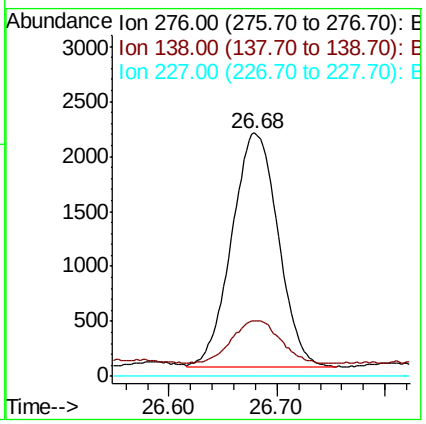
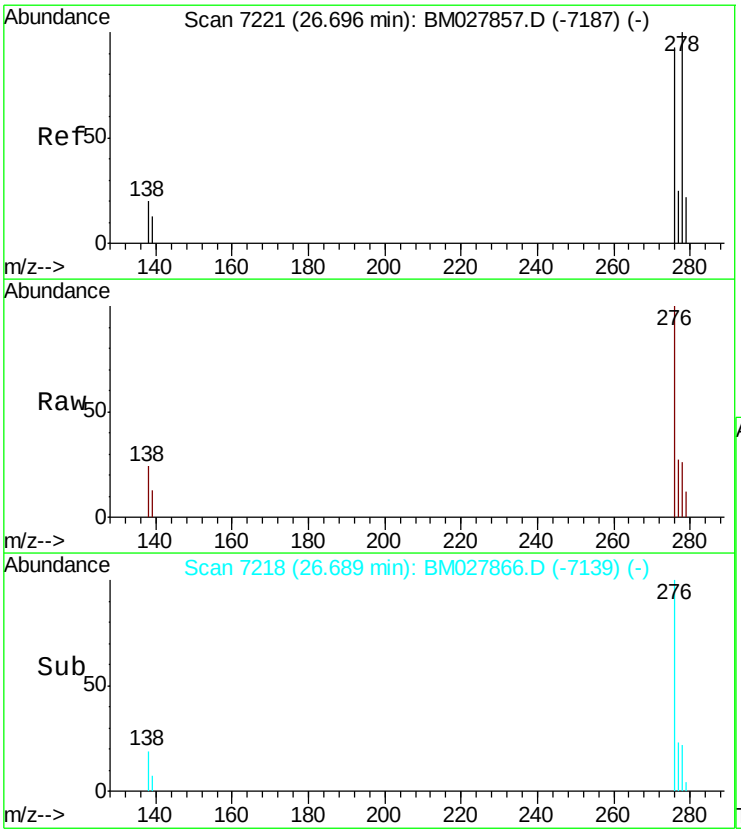
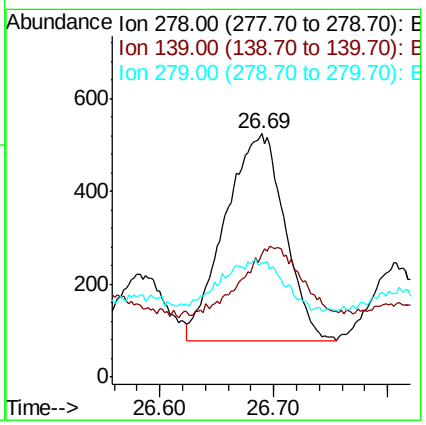


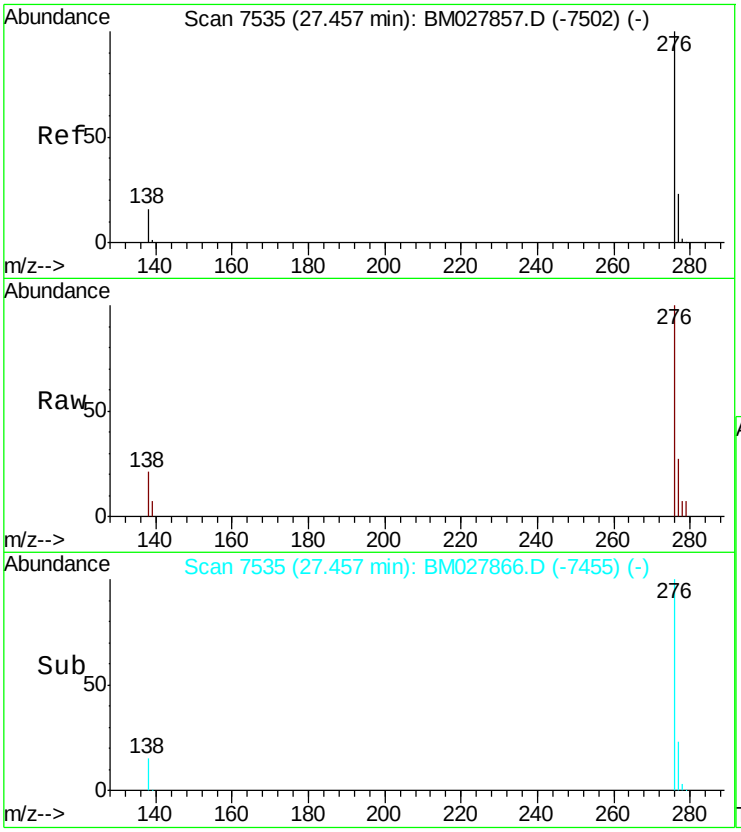


#25
Dibenzo(a,h)anthracene
Concen: 0.207 ng/ul
RT: 26.69 min Scan# 7218
Delta R.T. -0.01 min
Lab File: BM027866.D
Acq: 20 Nov 2020 23:26

Tgt Ion:278 Resp: 1614

Ion	Ratio	Lower	Upper
278	100		
139	50.6	14.8	22.2#
279	46.8	25.8	38.6#

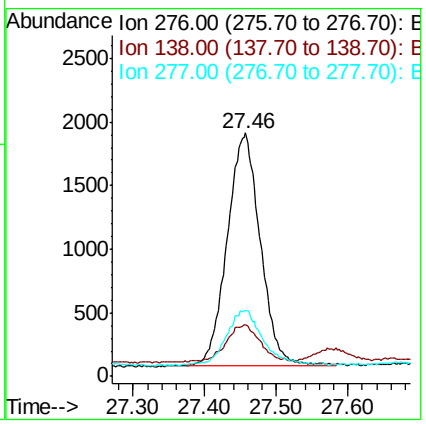




#26
Benzo(g,h,i)perylene
Concen: 0.749 ng/ul
RT: 27.46 min Scan# 7535
Delta R.T. -0.00 min
Lab File: BM027866.D
Acq: 20 Nov 2020 23:26

Tgt Ion:276 Resp: 5878

Ion	Ratio	Lower	Upper
276	100		
138	21.1	17.4	26.2
277	27.1	22.5	33.7



Instrument :
BNA_M
ClientSampleId :
C0AY5

Manual Integrations APPROVED
mohammad
11/24/2020 8:57:52 AM