Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
Data File : BM027956.D
Acq On : 25 Nov 2020 10:14
Operator : JU/CG
Sample : L4751-01DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B79DL

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11/27/2020 11:43:01 AM

Quant Time: Nov 25 10:54:08 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	963	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	3802	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2123	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3817	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2146	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2008	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	171	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	251	0.02	ng/ul	0.00
Target Compounds						Qvalue
5) 2-Methylnaphthalene	12.79	142	162	0.021	ng/ul	100
8) Acenaphthene	15.00	153	1258	0.162	ng/ul	98
9) Fluorene	15.97	166	1526	0.169	ng/ul	99
12) Phenanthrene	17.70	178	29389	2.437	ng/ul	97
13) Anthracene	17.79	178	6316	0.543	ng/ul	100
15) Fluoranthene	19.67	202	39872	2.982	ng/ul	98
17) Pyrene	20.03	202	31068	2.851	ng/ul	97
18) Benzo(a)anthracene	21.74	228	12772	1.475	ng/ul	100
19) Chrysene	21.80	228	12959	1.537	ng/ul	98
21) Benzo(b)fluoranthene	23.44	252	13897m	1.647	ng/ul	
22) Benzo(k)fluoranthene	23.48	252	5501m	0.666	ng/ul	
23) Benzo(a)pyrene	24.07	252	9410	1.275	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.67	276	6457	0.808	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.67	278	1616	0.243	ng/ul#	82
26) Benzo(g,h,i)perylene	27.44	276	5645	0.842	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
Data File : BM027956.D
Acq On : 25 Nov 2020 10:14
Operator : JU/CG
Sample : L4751-01DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 25 10:54:08 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 :
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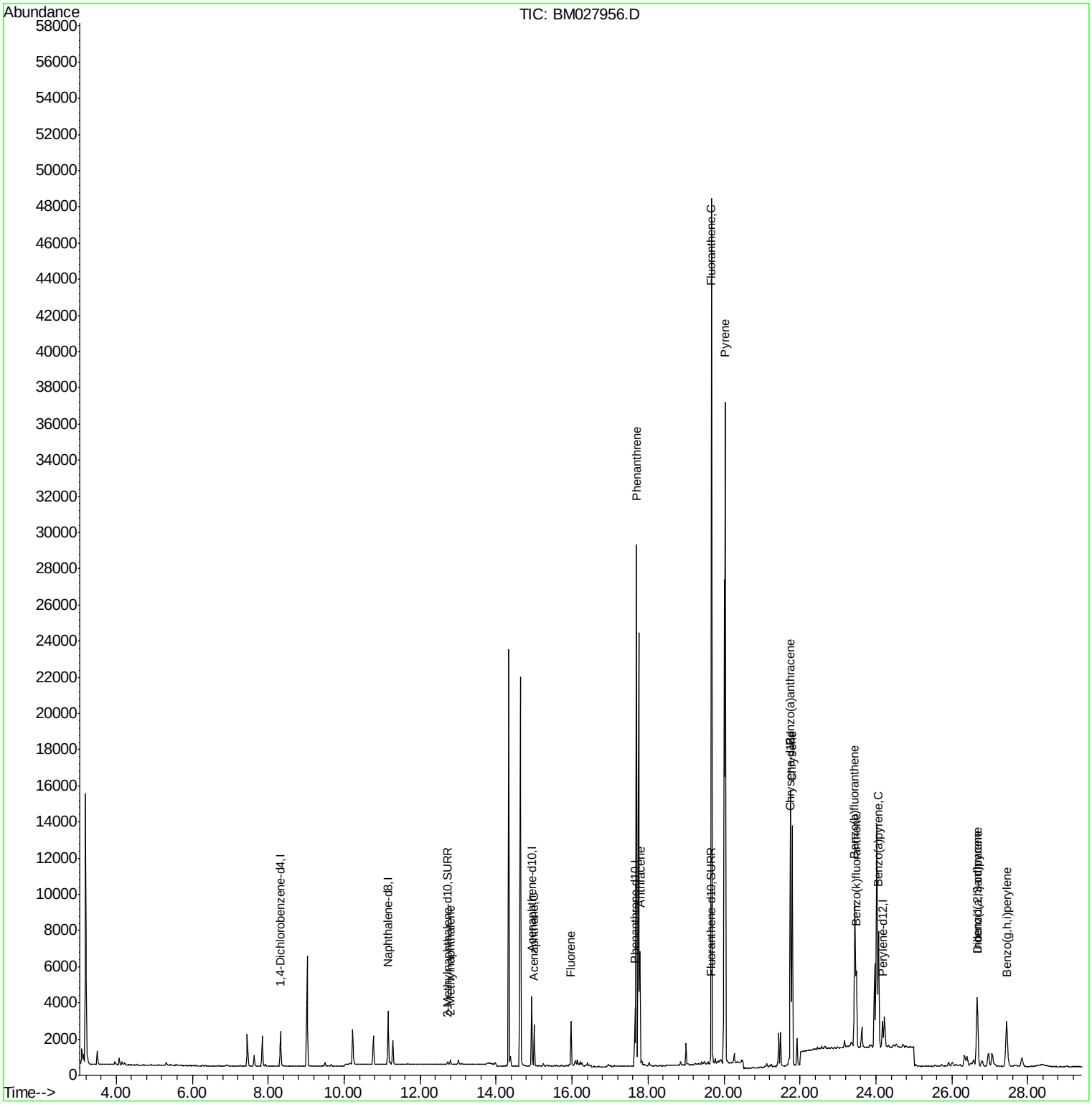

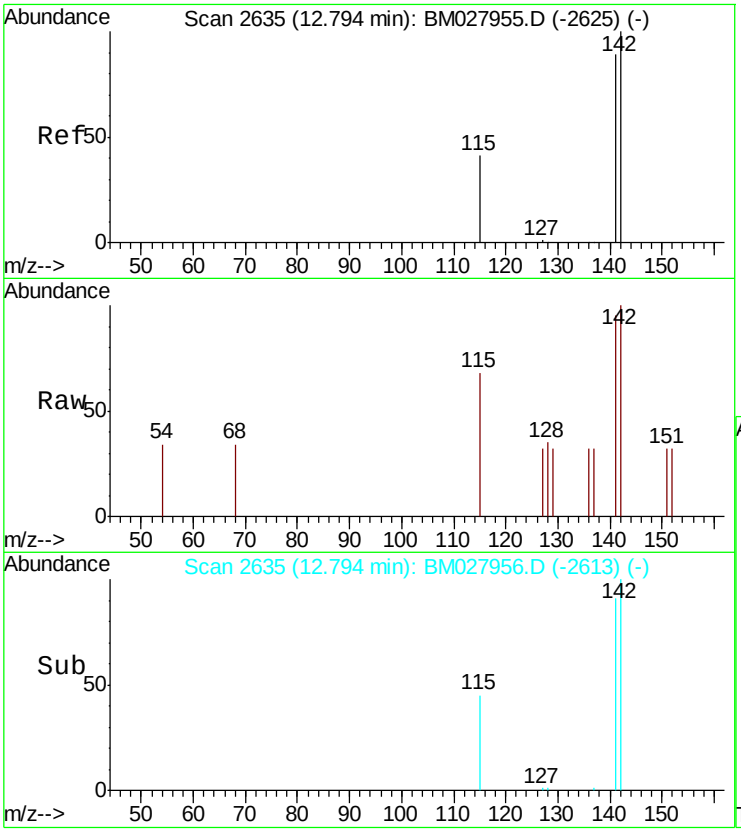

#5
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.79 min Scan# 2635
Delta R.T. 0.00 min
Lab File: BM027956.D
Acq: 25 Nov 2020 10:14

Tgt Ion:142 Resp: 162

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.6	107.4

Instrument :
BNA_M
ClientSampleId :
C0B79DL

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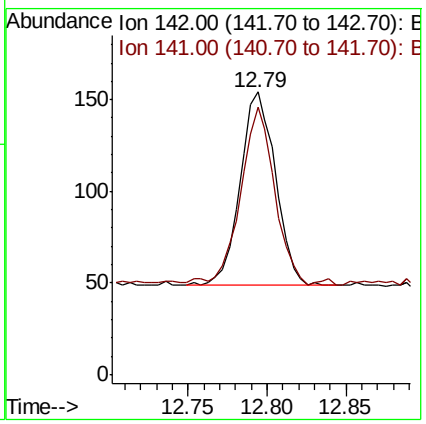
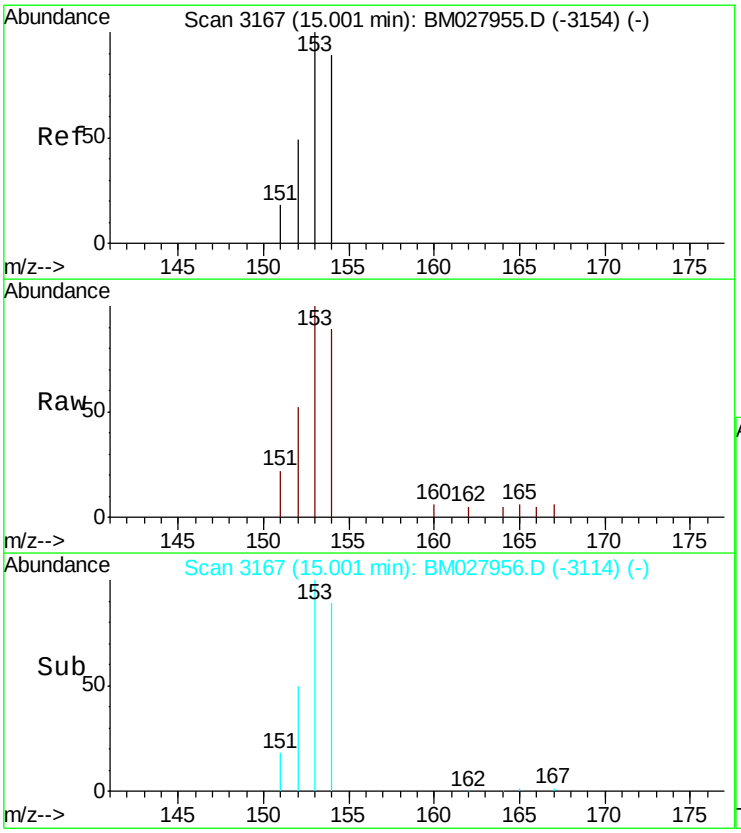
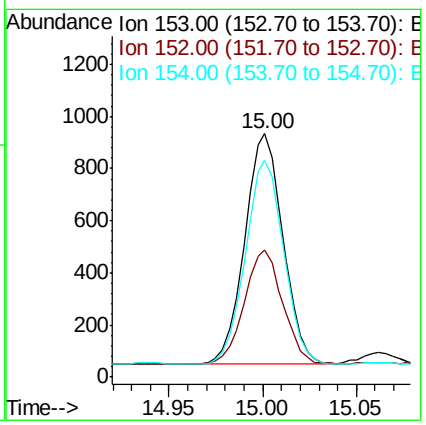


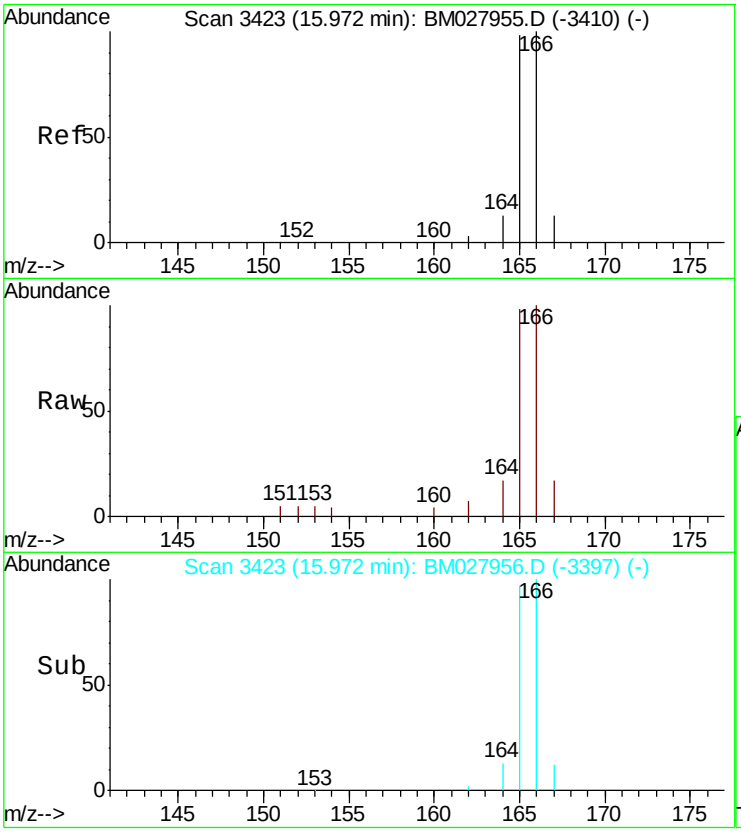


#8
Acenaphthene
Concen: 0.162 ng/ul
RT: 15.00 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BM027956.D
Acq: 25 Nov 2020 10:14

Tgt Ion:153 Resp: 1258

Ion	Ratio	Lower	Upper
153	100		
152	52.4	39.0	58.6
154	89.3	71.6	107.4

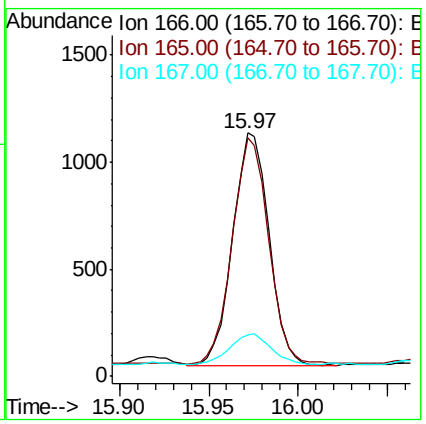




#9
Fluorene
Concen: 0.169 ng/ul
RT: 15.97 min Scan# 3423
Delta R.T. 0.00 min
Lab File: BM027956.D
Acq: 25 Nov 2020 10:14

Tgt Ion:166 Resp: 1526

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.1	117.1
167	17.0	11.8	17.8



Instrument :
BNA_M
ClientSampleId :
C0B79DL

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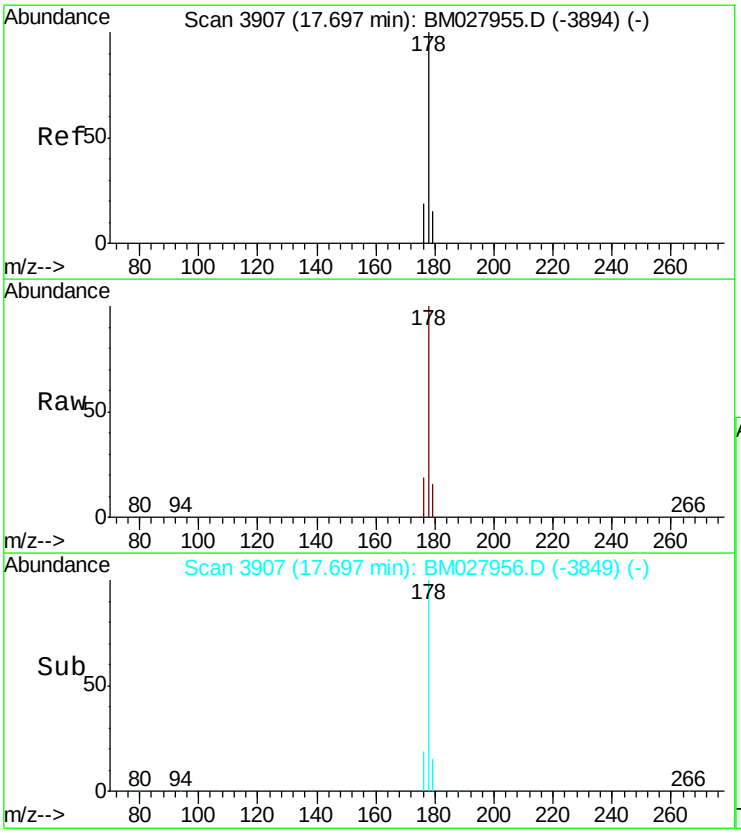
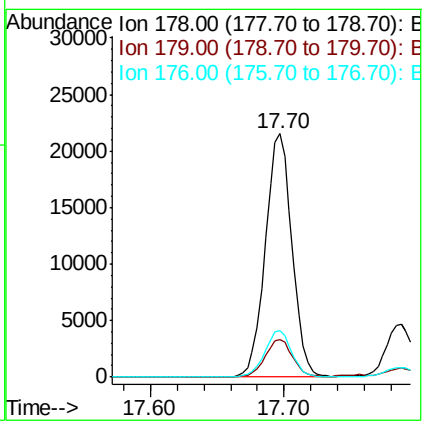
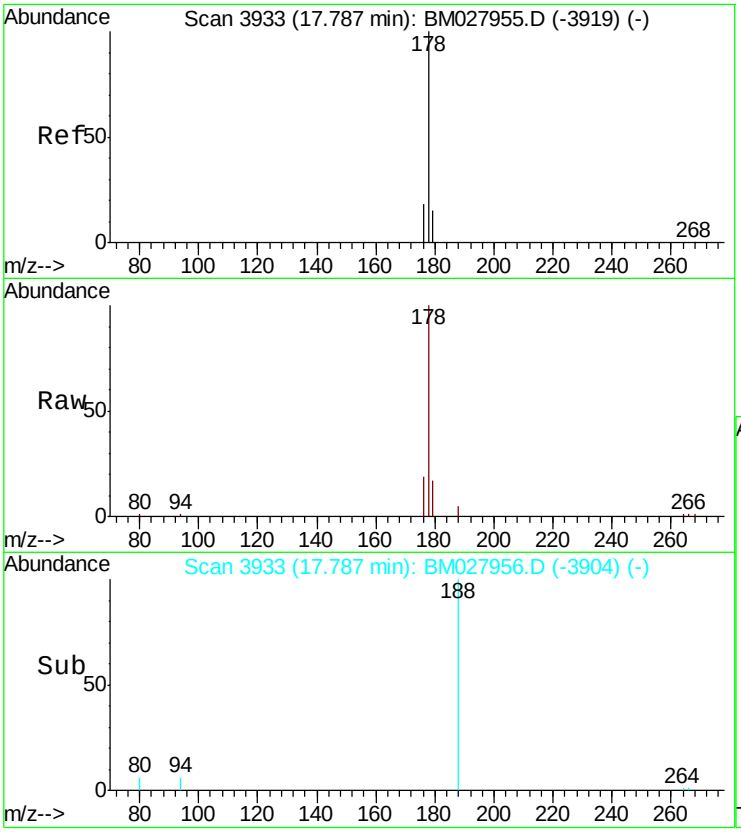


#12
Phenanthrene
Concen: 2.437 ng/ul
RT: 17.70 min Scan# 3907
Delta R.T. 0.00 min
Lab File: BM027956.D
Acq: 25 Nov 2020 10:14

Tgt Ion:178 Resp: 29389

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.6	20.4
176	19.1	16.1	24.1

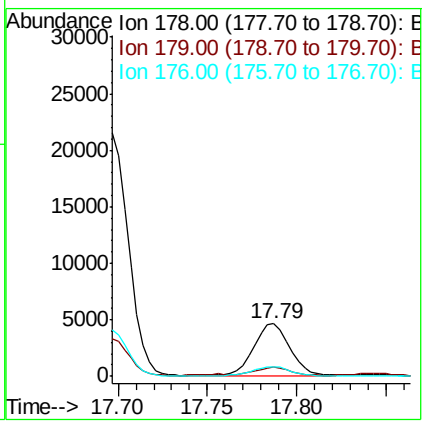




#13
Anthracene
Concen: 0.543 ng/ul
RT: 17.79 min Scan# 3933
Delta R.T. 0.00 min
Lab File: BM027956.D
Acq: 25 Nov 2020 10:14

Tgt Ion:178 Resp: 6316

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



Instrument :
BNA_M
ClientSampleId :
C0B79DL

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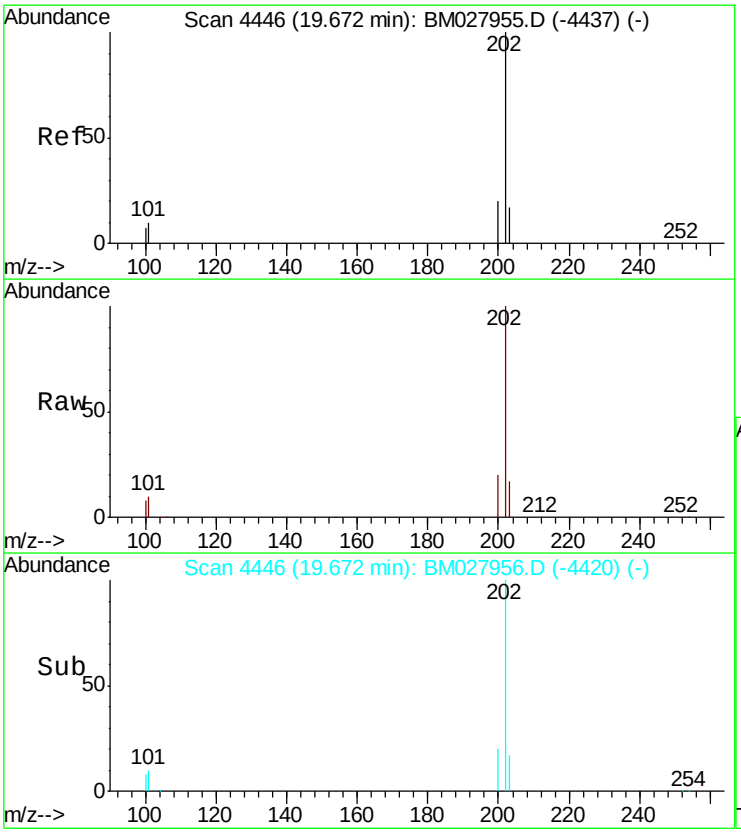
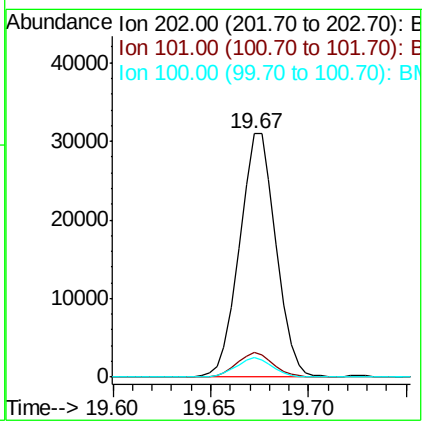
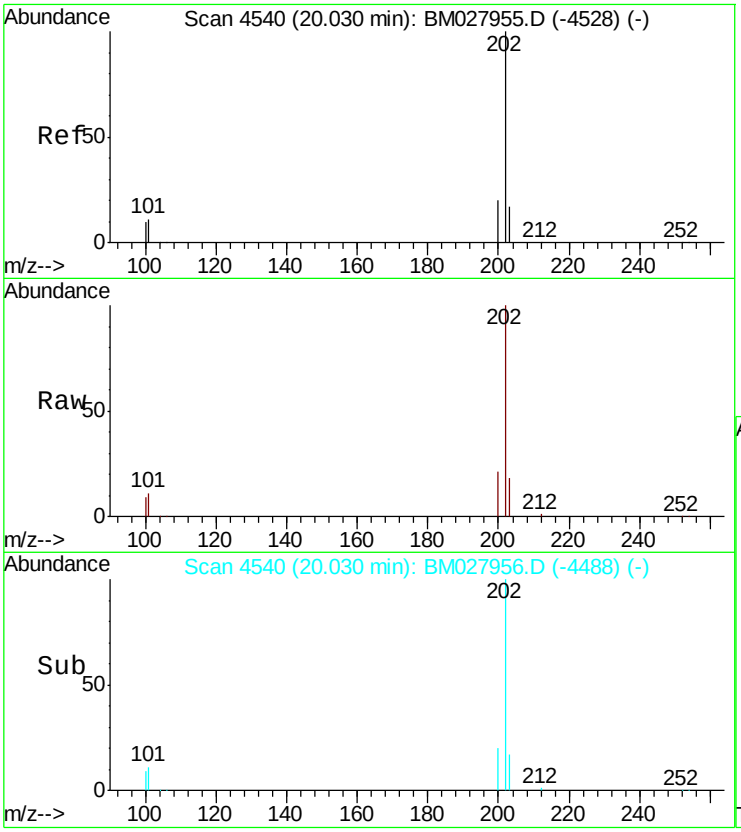


#15
Fluoranthene
Concen: 2.982 ng/ul
RT: 19.67 min Scan# 4446
Delta R.T. 0.00 min
Lab File: BM027956.D
Acq: 25 Nov 2020 10:14

Tgt Ion:202 Resp: 39872

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	29.3
100	8.0	0.0	27.4

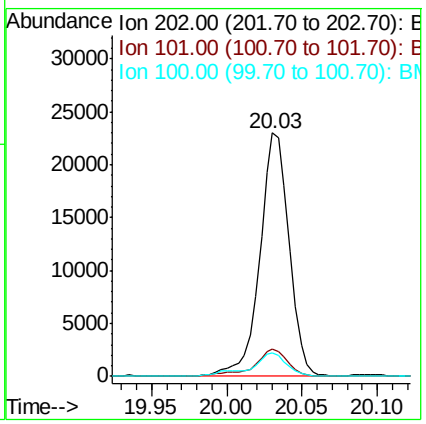




#17
Pyrene
Concen: 2.851 ng/ul
RT: 20.03 min Scan# 4540
Delta R.T. 0.00 min
Lab File: BM027956.D
Acq: 25 Nov 2020 10:14

Tgt Ion:202 Resp: 31068

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.2	12.2
100	9.5	6.9	10.3



Instrument :
BNA_M
ClientSampleId :
C0B79DL

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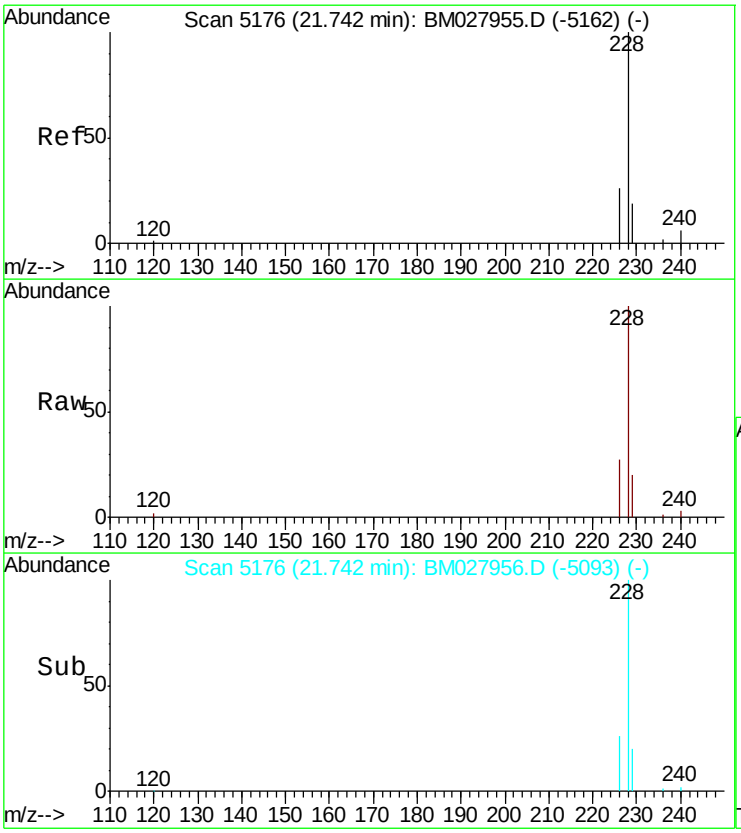
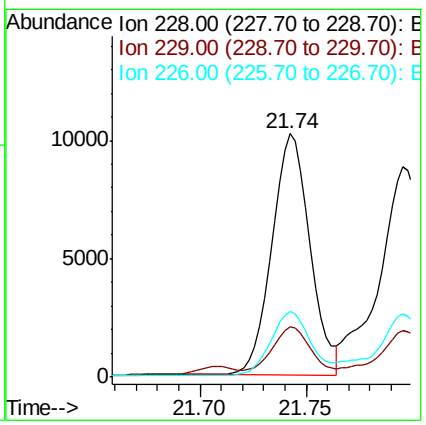
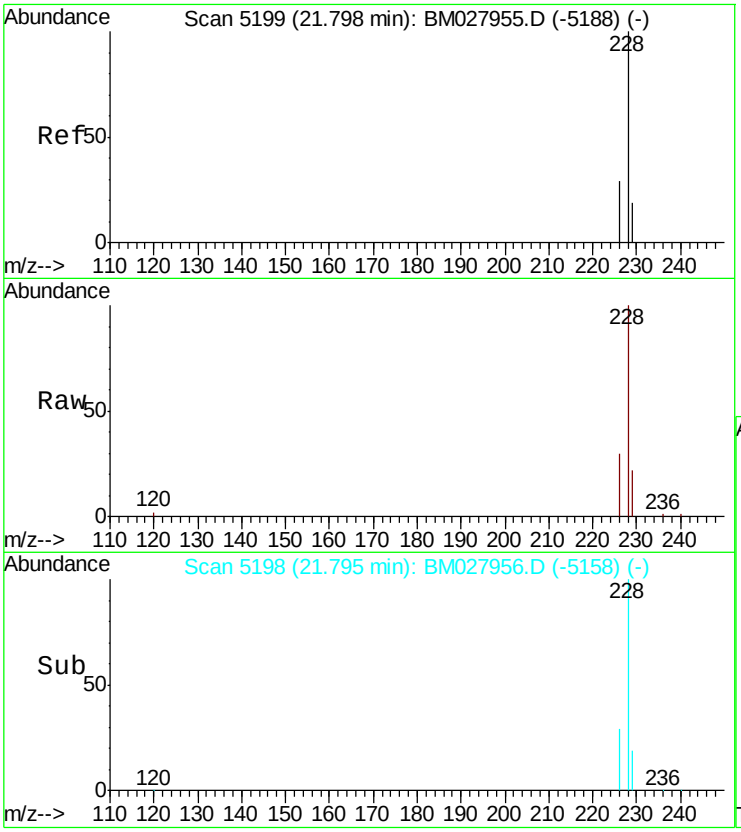


#18
Benzo(a)anthracene
Concen: 1.475 ng/ul
RT: 21.74 min Scan# 5176
Delta R.T. 0.00 min
Lab File: BM027956.D
Acq: 25 Nov 2020 10:14

Tgt Ion:228 Resp: 12772

Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.2	24.4
226	27.0	21.5	32.3

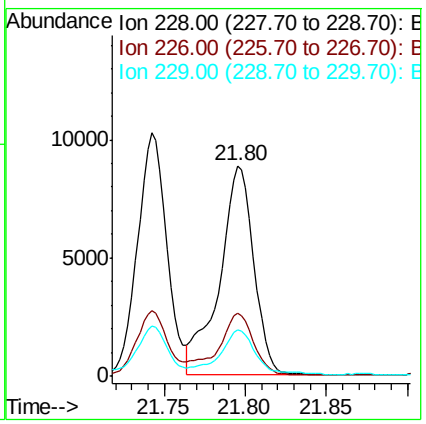




#19
Chrysene
Concen: 1.537 ng/ul
RT: 21.80 min Scan# 5198
Delta R.T. -0.00 min
Lab File: BM027956.D
Acq: 25 Nov 2020 10:14

Tgt Ion:228 Resp: 12959

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	22.0	16.6	24.8



Instrument :
BNA_M
ClientSampleId :
C0B79DL

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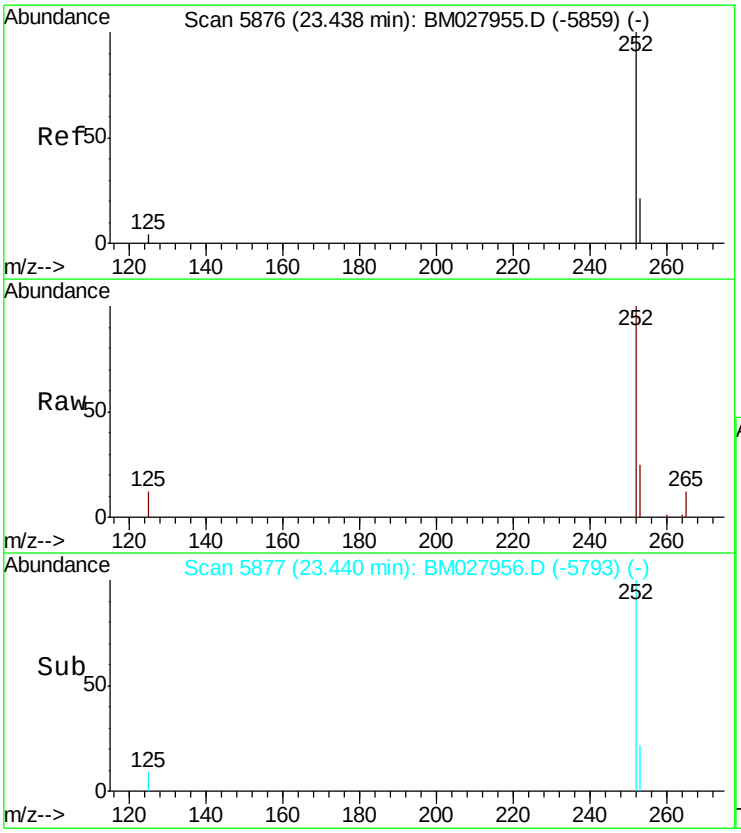
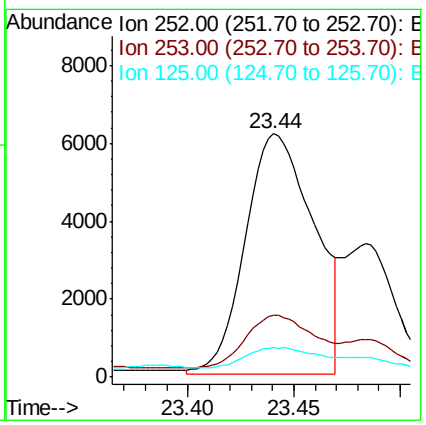
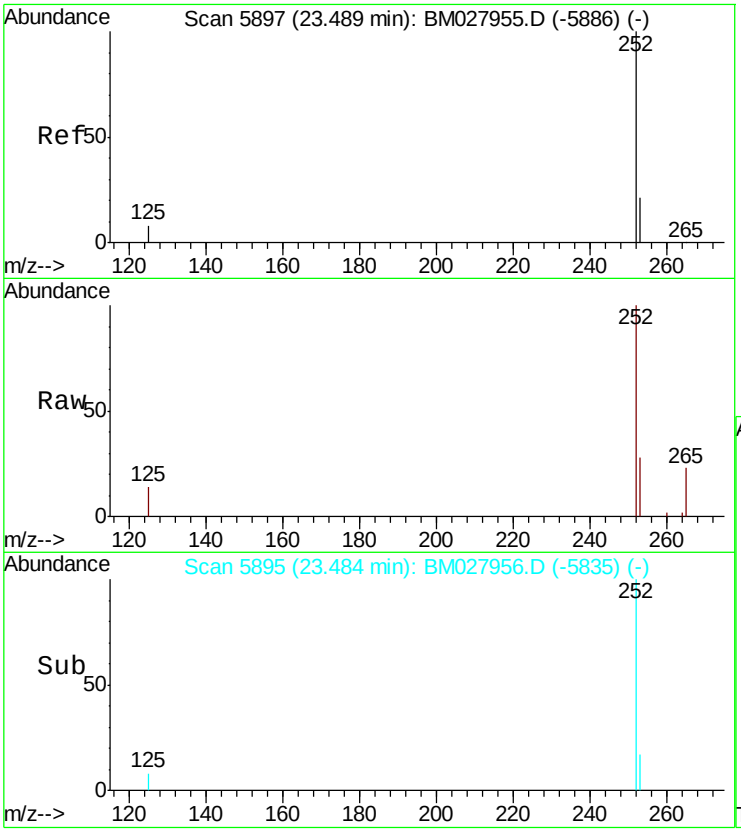


#21
Benzo(b)fluoranthene
Concen: 1.647 ng/ul m
RT: 23.44 min Scan# 5877
Delta R.T. 0.00 min
Lab File: BM027956.D
Acq: 25 Nov 2020 10:14

Tgt Ion:252 Resp: 13897

Ion	Ratio	Lower	Upper
252	100		
253	25.4	0.0	59.6
125	12.2	0.0	28.4

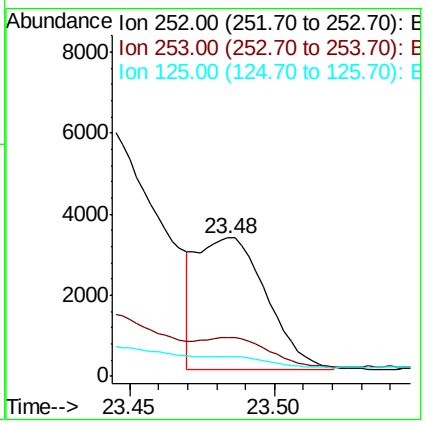




#22
Benzo(k)fluoranthene
Concen: 0.666 ng/ul m
RT: 23.48 min Scan# 5895
Delta R.T. -0.00 min
Lab File: BM027956.D
Acq: 25 Nov 2020 10:14

Tgt Ion:252 Resp: 5501

Ion	Ratio	Lower	Upper
252	100		
253	28.1	23.2	34.8
125	14.3	11.8	17.6



Instrument :
BNA_M
ClientSampleId :
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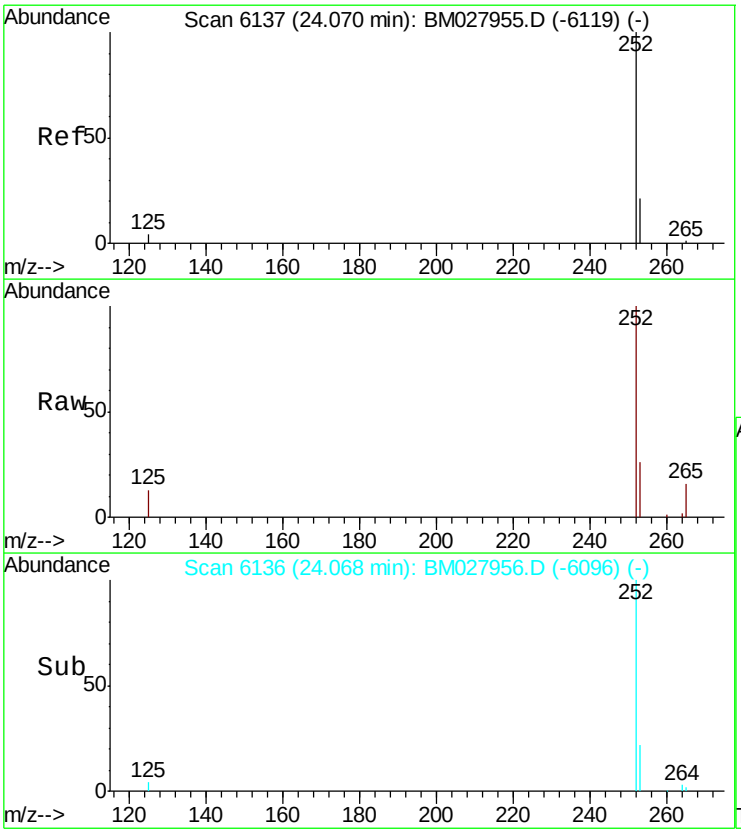
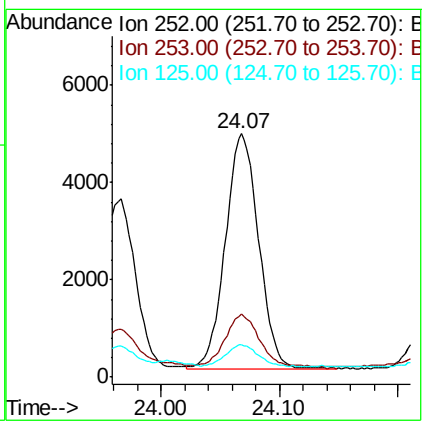
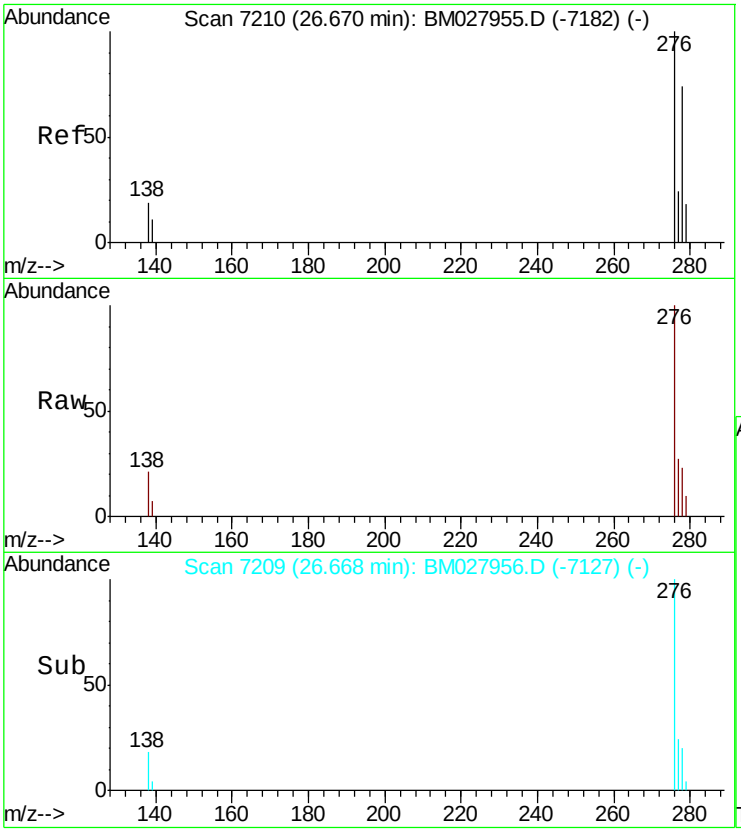


#23
Benzo(a)pyrene
Concen: 1.275 ng/ul
RT: 24.07 min Scan# 6136
Delta R.T. -0.00 min
Lab File: BM027956.D
Acq: 25 Nov 2020 10:14

Tgt Ion:252 Resp: 9410

Ion	Ratio	Lower	Upper
252	100		
253	25.8	25.2	37.8
125	13.2	13.8	20.6#

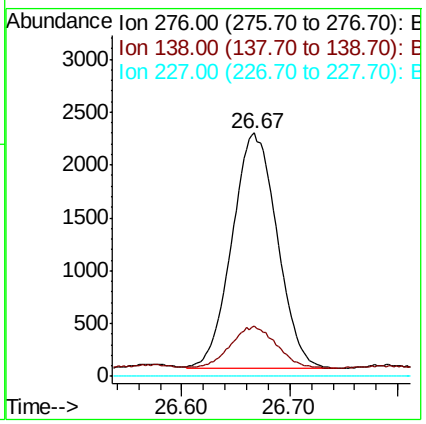




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.808 ng/ul
RT: 26.67 min Scan# 7209
Delta R.T. -0.00 min
Lab File: BM027956.D
Acq: 25 Nov 2020 10:14

Tgt Ion:276 Resp: 6457

Ion	Ratio	Lower	Upper
276	100		
138	17.9	15.7	23.5
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
C0B79DL

Manual Integrations APPROVED
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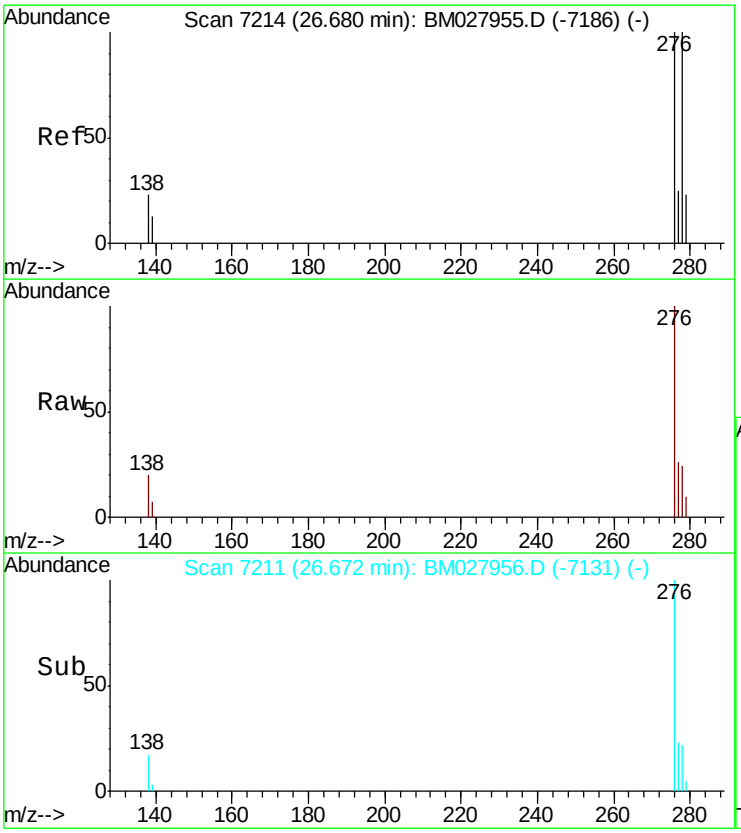
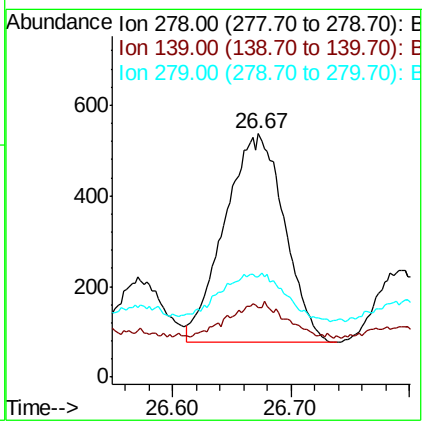
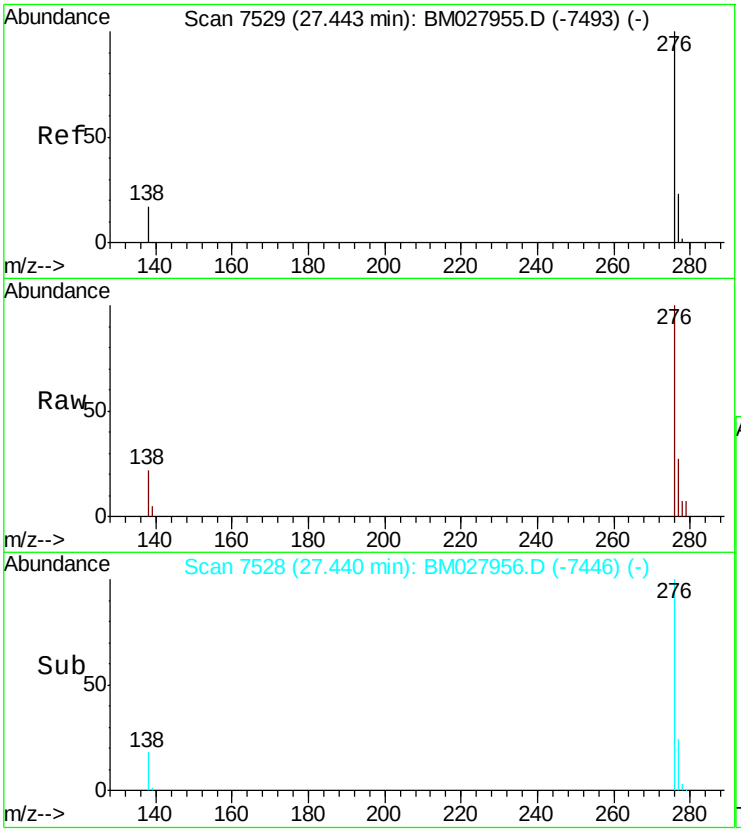


#25
Dibenzo(a,h)anthracene
Concen: 0.243 ng/ul
RT: 26.67 min Scan# 7211
Delta R.T. -0.01 min
Lab File: BM027956.D
Acq: 25 Nov 2020 10:14

Tgt Ion:278 Resp: 1616

Ion	Ratio	Lower	Upper
278	100		
139	28.5	14.8	22.2#
279	41.2	25.8	38.6#

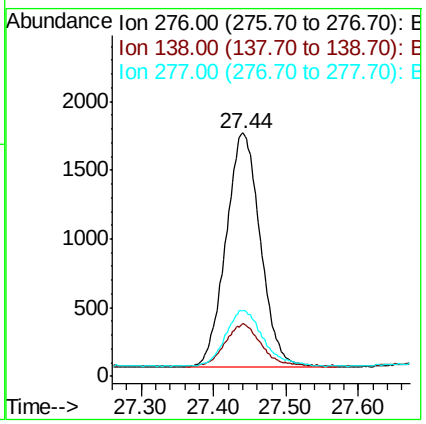




#26
Benzo(g,h,i)perylene
Concen: 0.842 ng/ul
RT: 27.44 min Scan# 7528
Delta R.T. -0.00 min
Lab File: BM027956.D
Acq: 25 Nov 2020 10:14

Tgt Ion:276 Resp: 5645

Ion	Ratio	Lower	Upper
276	100		
138	21.7	17.4	26.2
277	27.2	22.5	33.7



Instrument :
BNA_M
ClientSampleId :
C0B79DL

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11/27/2020 11:43:01 AM