Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
Data File : BM027960.D
Acq On : 25 Nov 2020 12:57
Operator : JU/CG
Sample : L4751-10DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B81DL

Manual Integrations APPROVED
mohammad
11/27/2020 11:43:20 AM

Quant Time: Nov 25 13:46:47 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	1053	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4071	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2097	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3444	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2089	0.40	ng/ul	0.00
20) Perylene-d12	24.17	264	2072	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	84	0.01	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	111	0.01	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.70	178	3674	0.338	ng/ul	99
13) Anthracene	17.79	178	584	0.056	ng/ul#	80
15) Fluoranthene	19.68	202	7544	0.625	ng/ul	98
17) Pyrene	20.03	202	6107	0.576	ng/ul	97
18) Benzo(a)anthracene	21.74	228	2495	0.296	ng/ul	94
19) Chrysene	21.80	228	2937m	0.358	ng/ul	
21) Benzo(b)fluoranthene	23.44	252	3860m	0.443	ng/ul	
22) Benzo(k)fluoranthene	23.48	252	1416m	0.166	ng/ul	
23) Benzo(a)pyrene	24.07	252	2492	0.327	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	26.66	276	1917	0.233	ng/ul#	95
25) Dibenzo(a,h)anthracene	26.67	278	461	0.067	ng/ul#	29
26) Benzo(g,h,i)perylene	27.44	276	1710	0.247	ng/ul#	90

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

Quantitation Report (QT Reviewed)

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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 25 10:43:32 2020
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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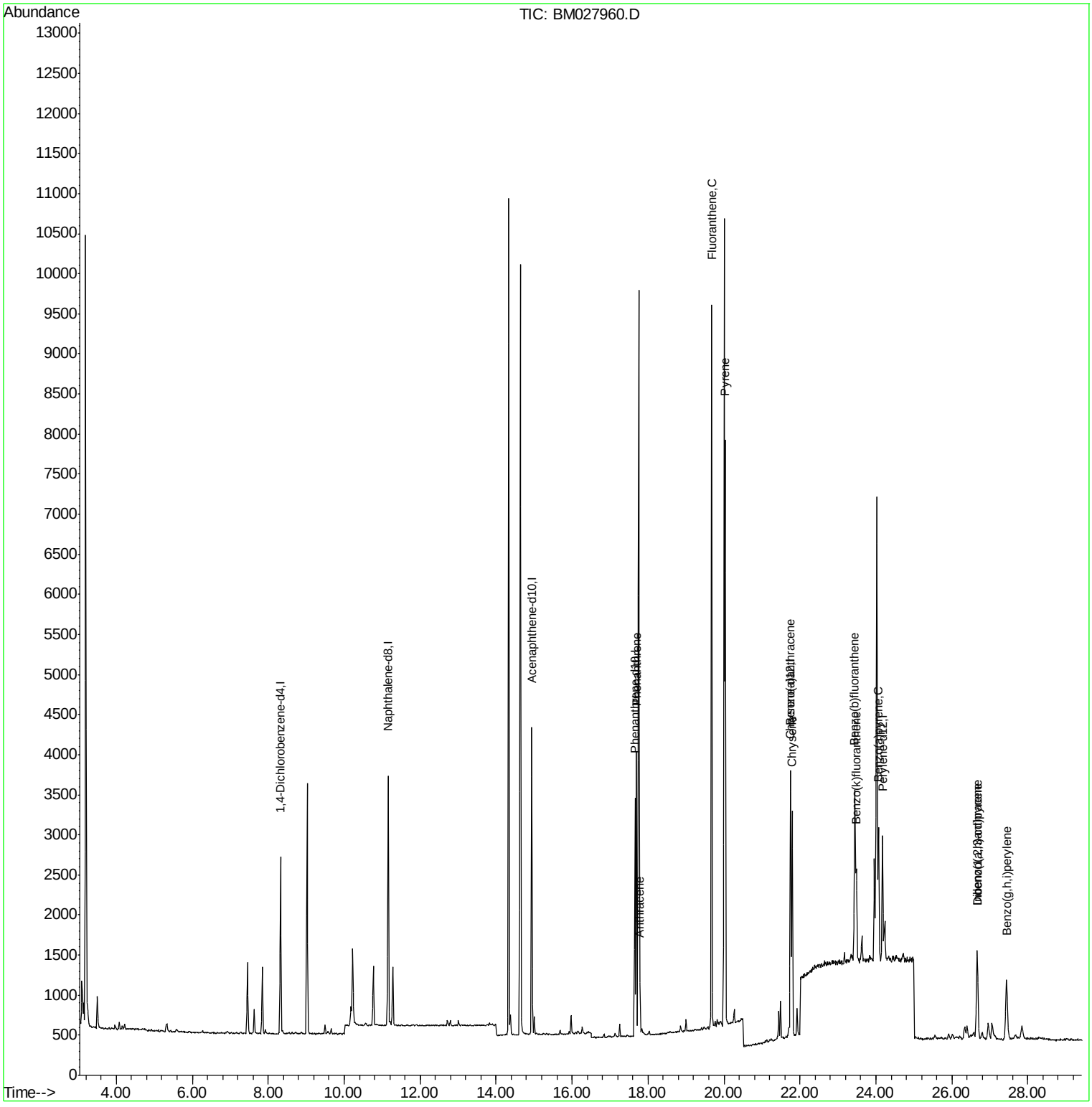
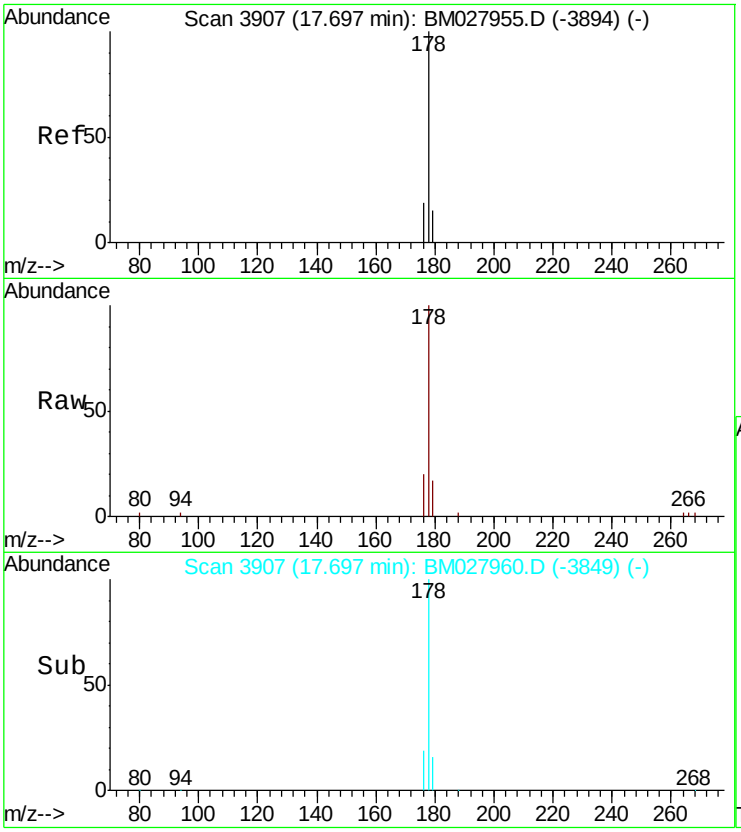
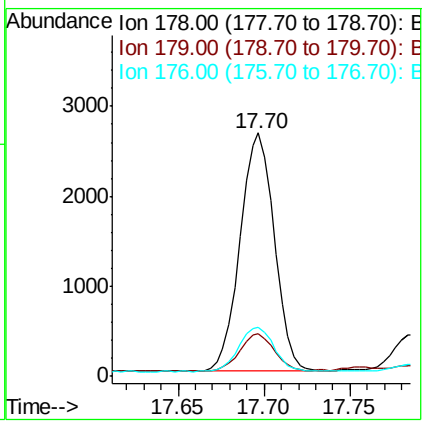




#12
Phenanthrene
Concen: 0.338 ng/ul
RT: 17.70 min Scan# 3907
Delta R.T. -0.00 min
Lab File: BM027960.D
Acq: 25 Nov 2020 12:57

Tgt Ion:178 Resp: 3674

Ion	Ratio	Lower	Upper
178	100		
179	17.4	13.6	20.4
176	20.4	16.1	24.1



Instrument :
BNA_M
ClientSampleId :
C0B81DL

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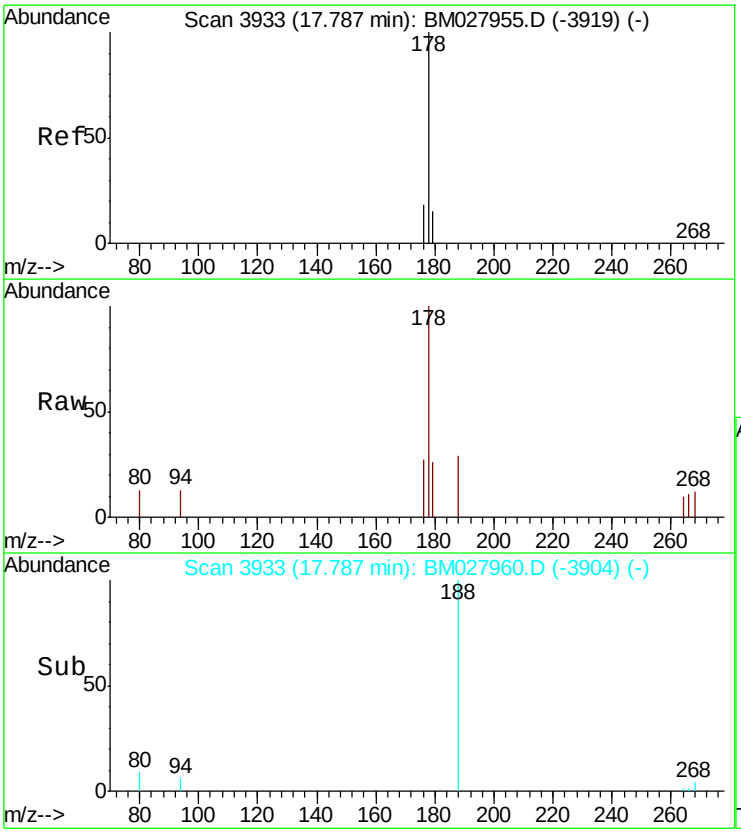
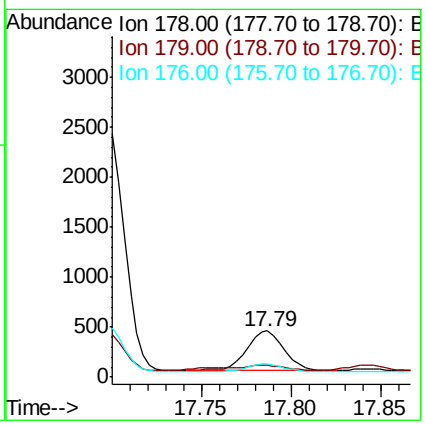
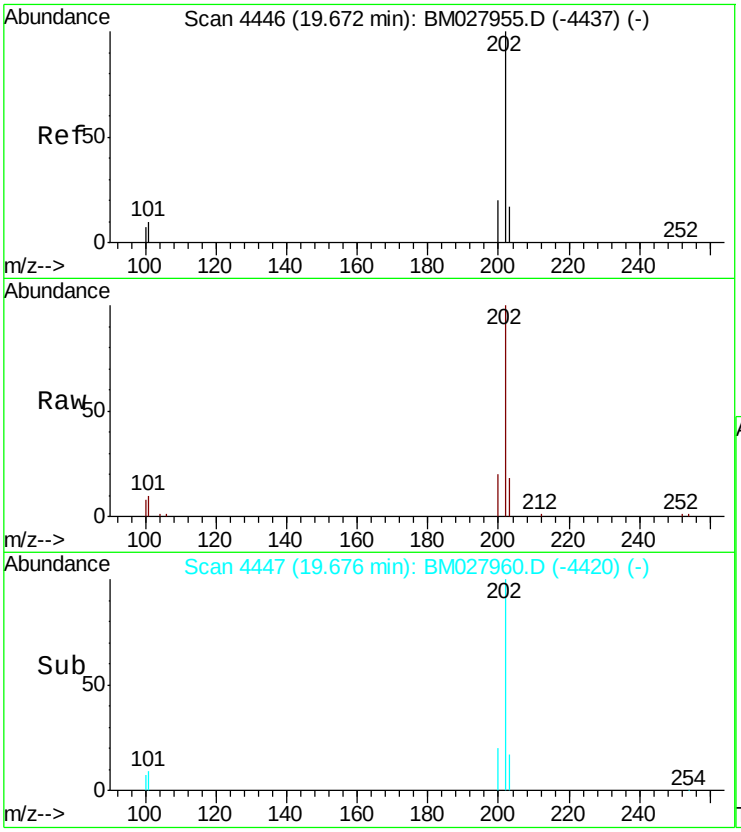


#13
Anthracene
Concen: 0.056 ng/ul
RT: 17.79 min Scan# 3933
Delta R.T. -0.00 min
Lab File: BM027960.D
Acq: 25 Nov 2020 12:57

Tgt Ion:178 Resp: 584

Ion	Ratio	Lower	Upper
178	100		
179	26.2	13.4	20.2#
176	27.1	15.0	22.6#

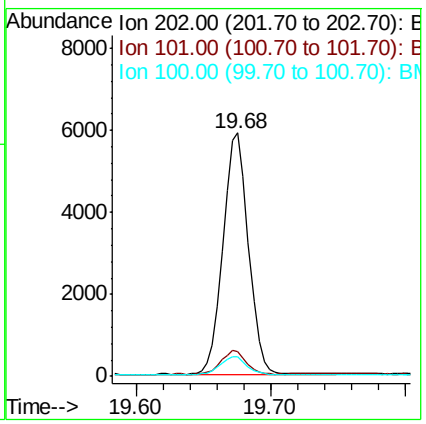




#15
Fluoranthene
Concen: 0.625 ng/ul
RT: 19.68 min Scan# 4447
Delta R.T. 0.00 min
Lab File: BM027960.D
Acq: 25 Nov 2020 12:57

Tgt Ion:202 Resp: 7544

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	29.3
100	7.8	0.0	27.4



Instrument :
BNA_M
ClientSampleId :
C0B81DL

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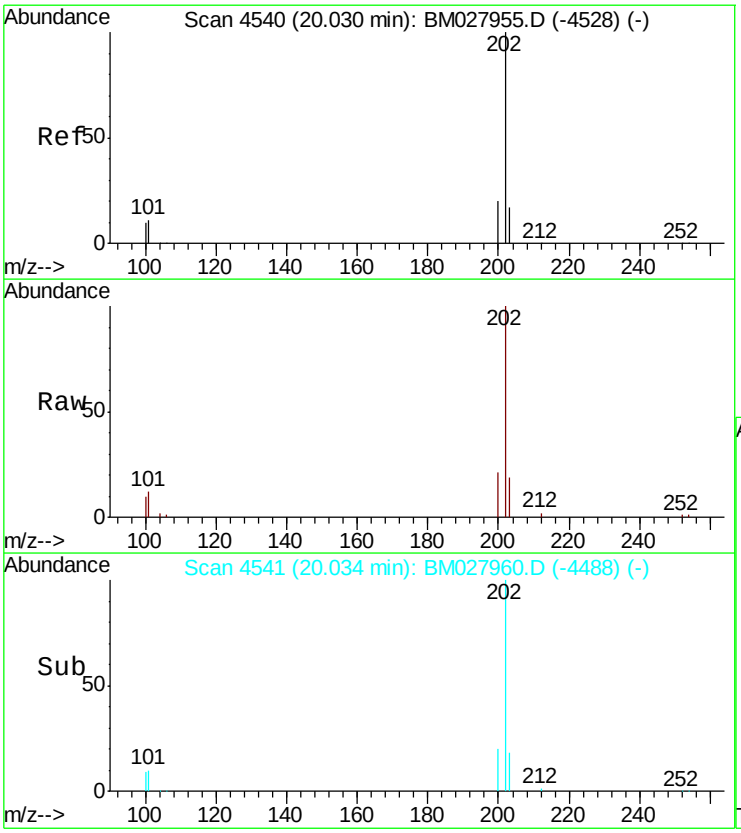
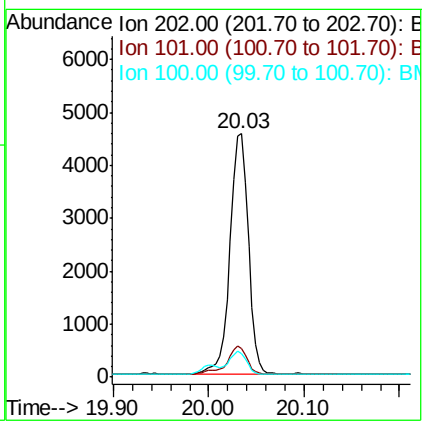
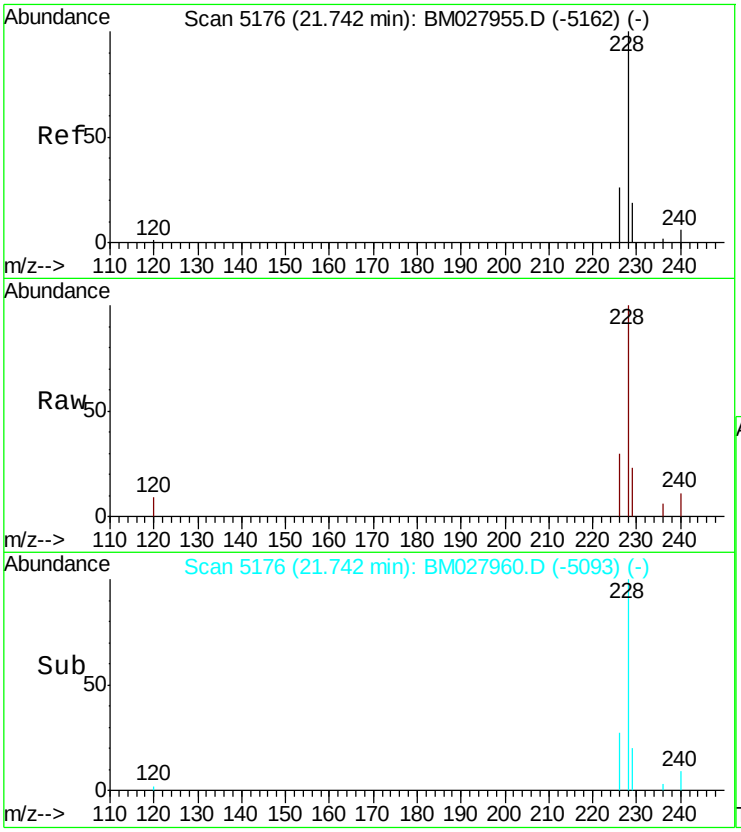


#17
Pyrene
Concen: 0.576 ng/ul
RT: 20.03 min Scan# 4541
Delta R.T. 0.00 min
Lab File: BM027960.D
Acq: 25 Nov 2020 12:57

Tgt Ion:202 Resp: 6107

Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.2	12.2
100	9.7	6.9	10.3

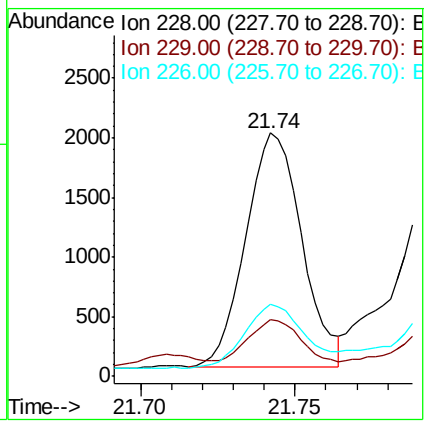




#18
Benzo(a)anthracene
Concen: 0.296 ng/ul
RT: 21.74 min Scan# 5176
Delta R.T. -0.00 min
Lab File: BM027960.D
Acq: 25 Nov 2020 12:57

Tgt Ion:228 Resp: 2495

Ion	Ratio	Lower	Upper
228	100		
229	23.2	16.2	24.4
226	29.6	21.5	32.3



Instrument :
BNA_M
ClientSampleId :
C0B81DL

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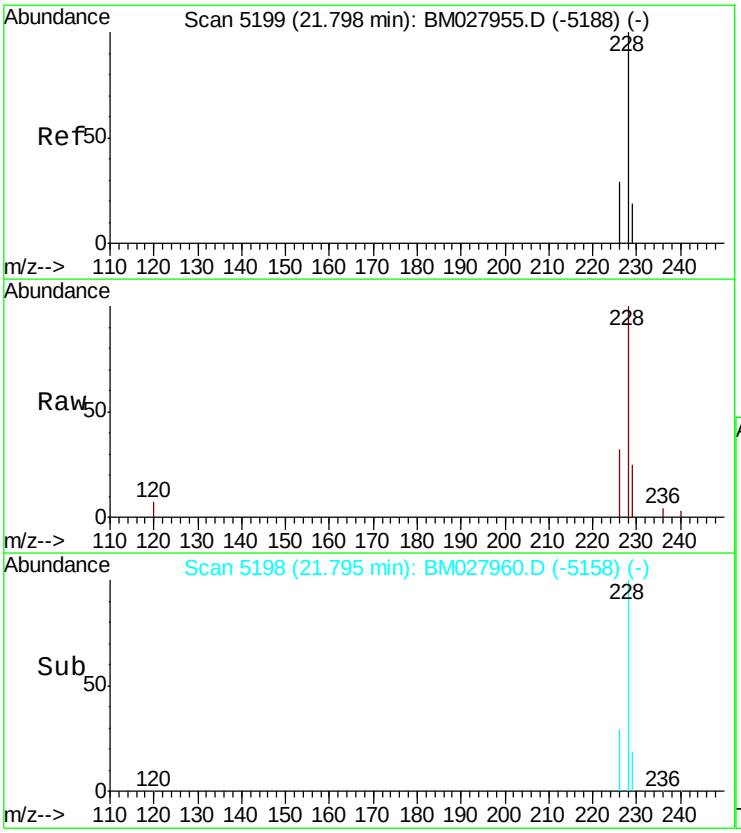
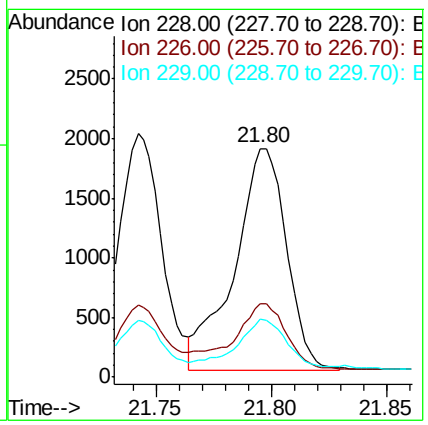
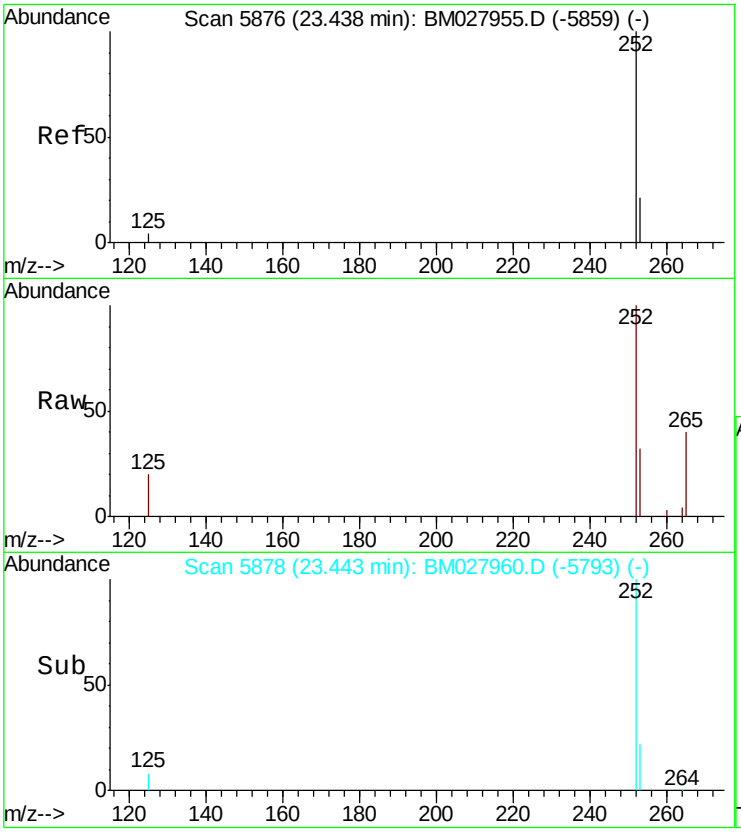


#19
Chrysene
Concen: 0.358 ng/ul m
RT: 21.80 min Scan# 5198
Delta R.T. -0.00 min
Lab File: BM027960.D
Acq: 25 Nov 2020 12:57

Tgt Ion:228 Resp: 2937

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.1	36.1
229	25.2	16.6	24.8#

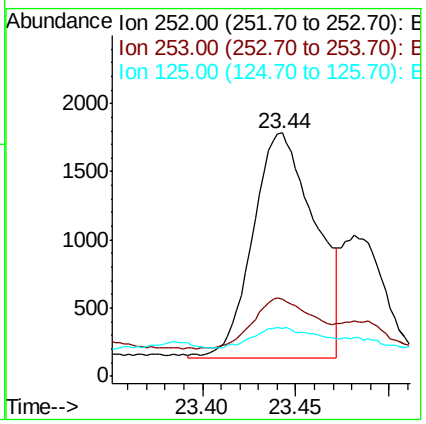




#21
Benzo(b)fluoranthene
Concen: 0.443 ng/ul m
RT: 23.44 min Scan# 5878
Delta R.T. 0.00 min
Lab File: BM027960.D
Acq: 25 Nov 2020 12:57

Tgt Ion:252 Resp: 3860

Ion	Ratio	Lower	Upper
252	100		
253	31.7	0.0	59.6
125	19.7	0.0	28.4



Instrument :
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ClientSampleId :
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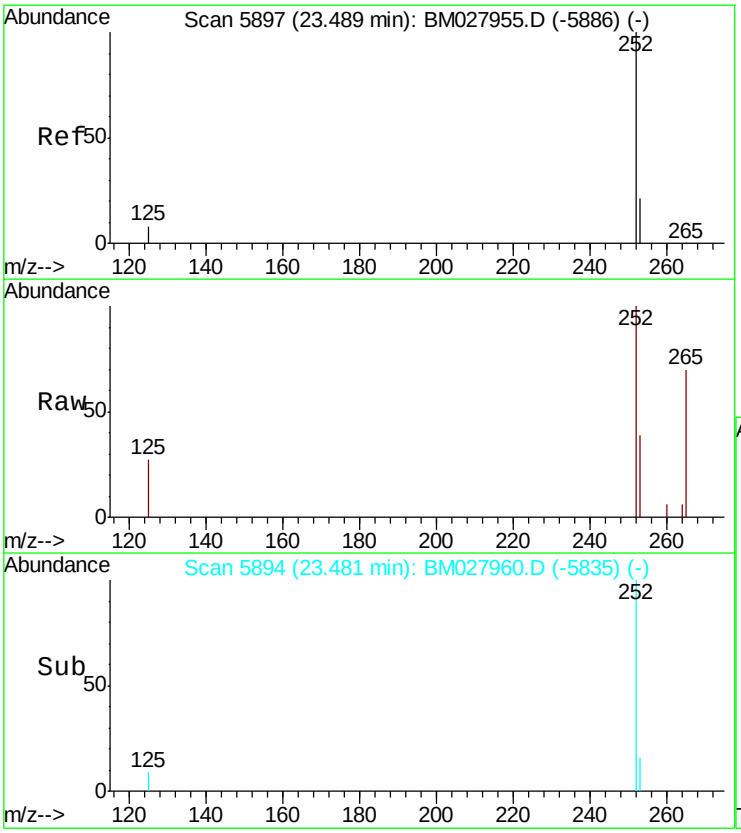
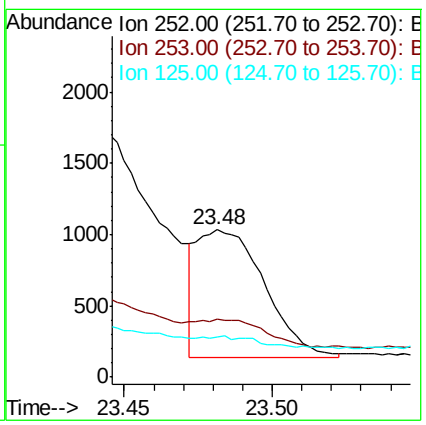
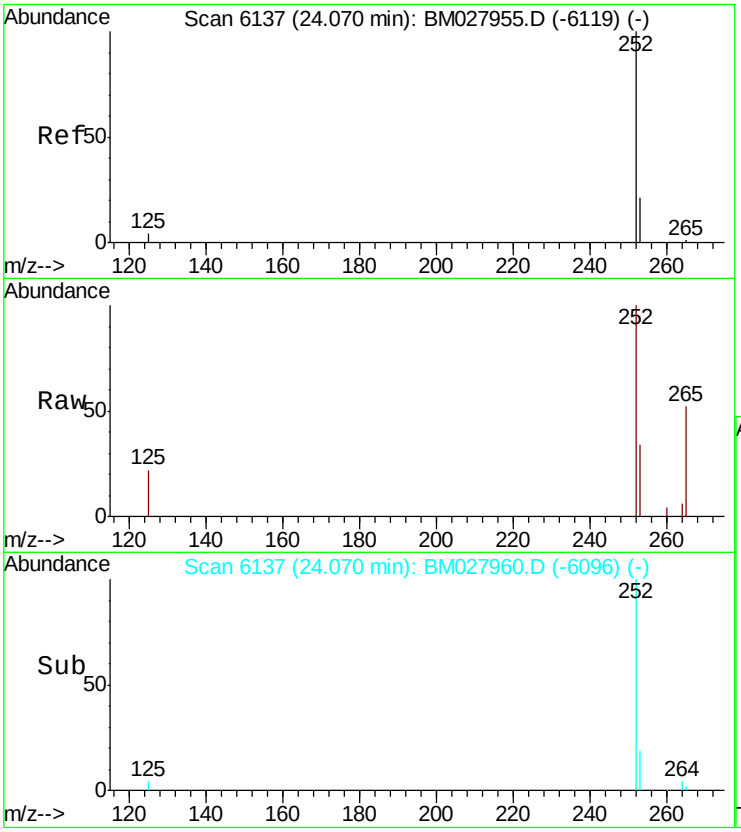


#22
Benzo(k)fluoranthene
Concen: 0.166 ng/ul m
RT: 23.48 min Scan# 5894
Delta R.T. -0.01 min
Lab File: BM027960.D
Acq: 25 Nov 2020 12:57

Tgt Ion:252 Resp: 1416

Ion	Ratio	Lower	Upper
252	100		
253	39.4	23.2	34.8#
125	27.2	11.8	17.6#





#23
Benzo(a)pyrene
Concen: 0.327 ng/ul
RT: 24.07 min Scan# 6137
Delta R.T. -0.00 min
Lab File: BM027960.D
Acq: 25 Nov 2020 12:57

Tgt Ion:252 Resp: 2492

Ion	Ratio	Lower	Upper
252	100		
253	33.8	25.2	37.8
125	21.9	13.8	20.6#

Instrument :
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ClientSampleId :
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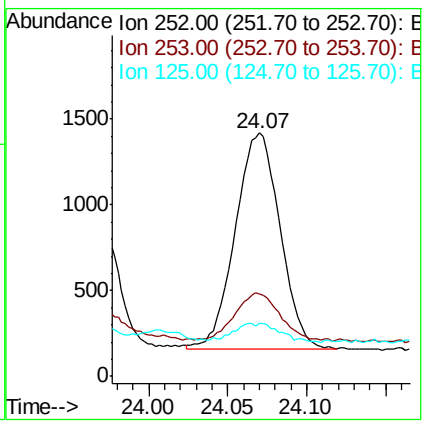
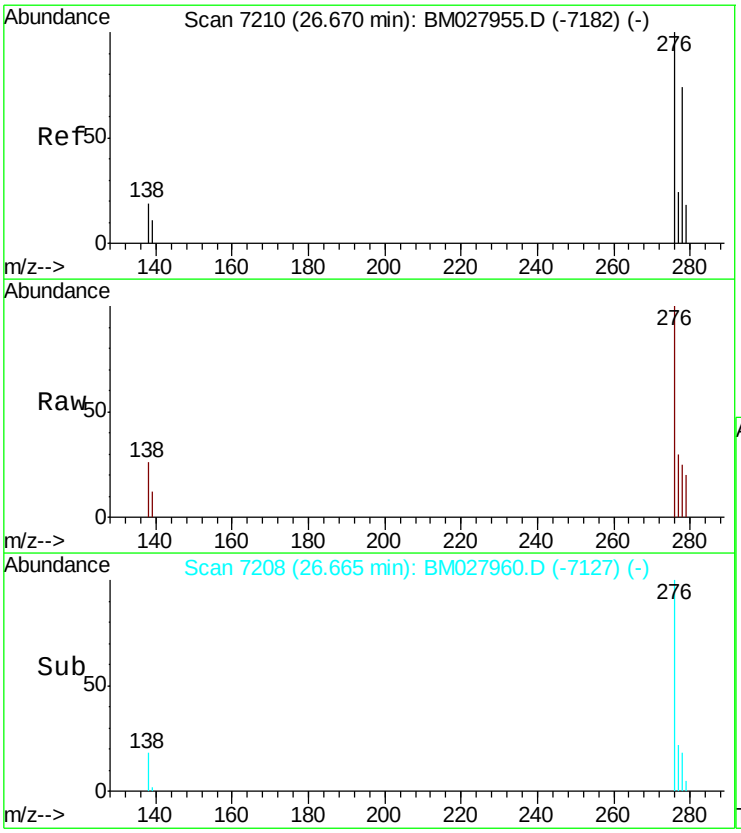
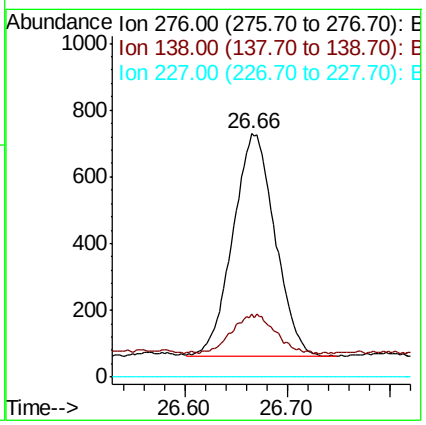


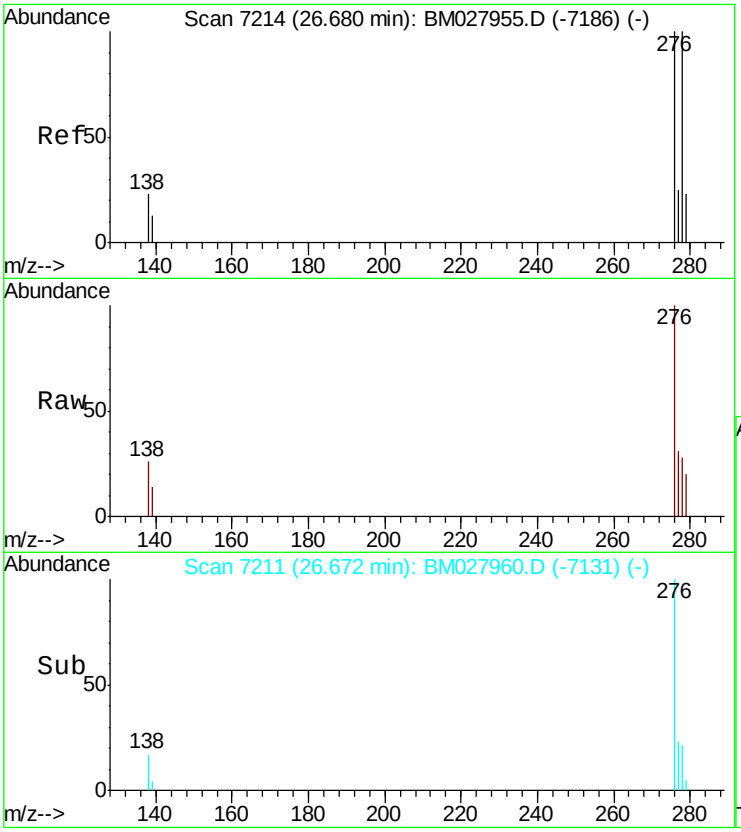


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.233 ng/ul
RT: 26.66 min Scan# 7208
Delta R.T. -0.00 min
Lab File: BM027960.D
Acq: 25 Nov 2020 12:57

Tgt Ion:276 Resp: 1917

Ion	Ratio	Lower	Upper
276	100		
138	17.2	15.7	23.5
227	0.0	0.0	0.0

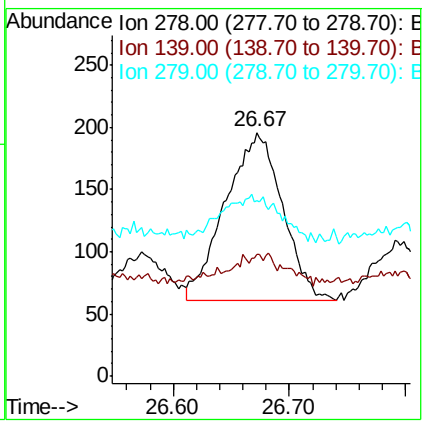




#25
Dibenzo(a,h)anthracene
Concen: 0.067 ng/ul
RT: 26.67 min Scan# 7211
Delta R.T. -0.01 min
Lab File: BM027960.D
Acq: 25 Nov 2020 12:57

Tgt Ion:278 Resp: 461

Ion	Ratio	Lower	Upper
278	100		
139	50.0	14.8	22.2#
279	71.9	25.8	38.6#



Instrument :
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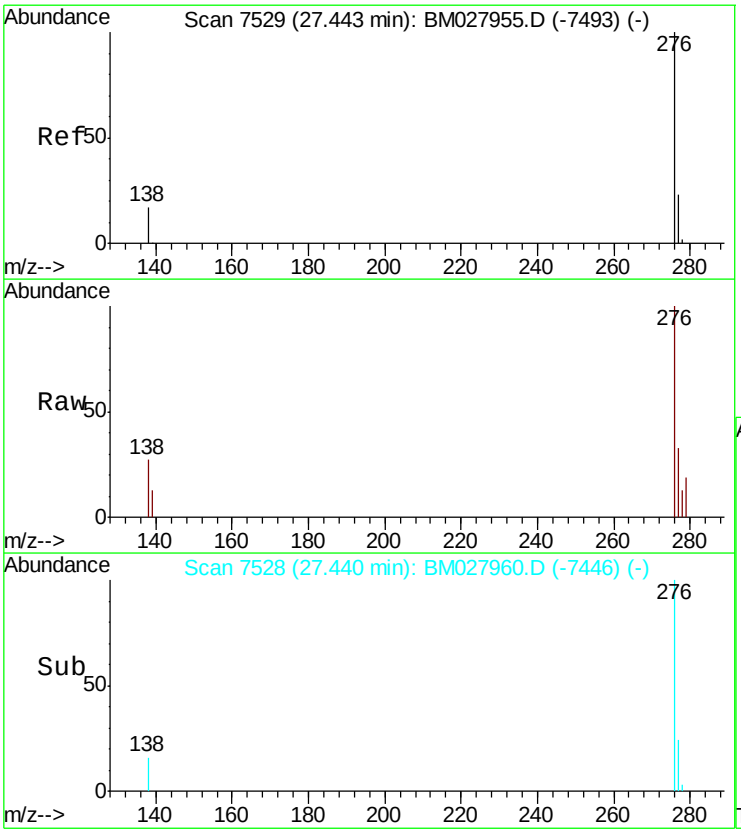

#26
Benzo(g,h,i)perylene
Concen: 0.247 ng/ul
RT: 27.44 min Scan# 7528
Delta R.T. -0.00 min
Lab File: BM027960.D
Acq: 25 Nov 2020 12:57

Tgt Ion:276 Resp: 1710

Ion	Ratio	Lower	Upper
276	100		
138	26.8	17.4	26.2#
277	33.4	22.5	33.7