Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
Data File : BM027980.D
Acq On : 26 Nov 2020 01:03
Operator : JU/CG
Sample : L4749-19DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B18DL

Manual Integrations APPROVED
mohammad
11/27/2020 11:44:24 AM

Quant Time: Nov 26 01:51:40 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 : Thu Nov 26 00:48:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	1412	0.40	ng/ul	0.00
2) Naphthalene-d8	11.15	136	5727	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	3148	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	5489	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	3150	0.40	ng/ul	0.00
20) Perylene-d12	24.17	264	2957	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	195	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	298	0.02	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.66	152	356	0.023	ng/ul#	65
8) Acenaphthene	15.00	153	472	0.041	ng/ul	96
9) Fluorene	15.97	166	557	0.042	ng/ul#	95
11) Pentachlorophenol	17.30	266	43	0.023	ng/ul	98
12) Phenanthrene	17.69	178	12706	0.733	ng/ul	98
13) Anthracene	17.78	178	1895	0.113	ng/ul	94
15) Fluoranthene	19.67	202	22132	1.151	ng/ul	98
17) Pyrene	20.03	202	18292	1.143	ng/ul	97
18) Benzo(a)anthracene	21.74	228	7723	0.608	ng/ul	98
19) Chrysene	21.79	228	8946	0.723	ng/ul	97
21) Benzo(b)fluoranthene	23.44	252	10109m	0.813	ng/ul	
22) Benzo(k)fluoranthene	23.48	252	3568m	0.293	ng/ul	
23) Benzo(a)pyrene	24.06	252	6833	0.629	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	26.66	276	4433	0.377	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.66	278	1172	0.120	ng/ul#	63
26) Benzo(g,h,i)perylene	27.43	276	3973	0.403	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
Data File : BM027980.D
Acq On : 26 Nov 2020 01:03
Operator : JU/CG
Sample : L4749-19DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 26 01:51:40 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 : Thu Nov 26 00:48:20 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B18DL

Manual Integrations APPROVED
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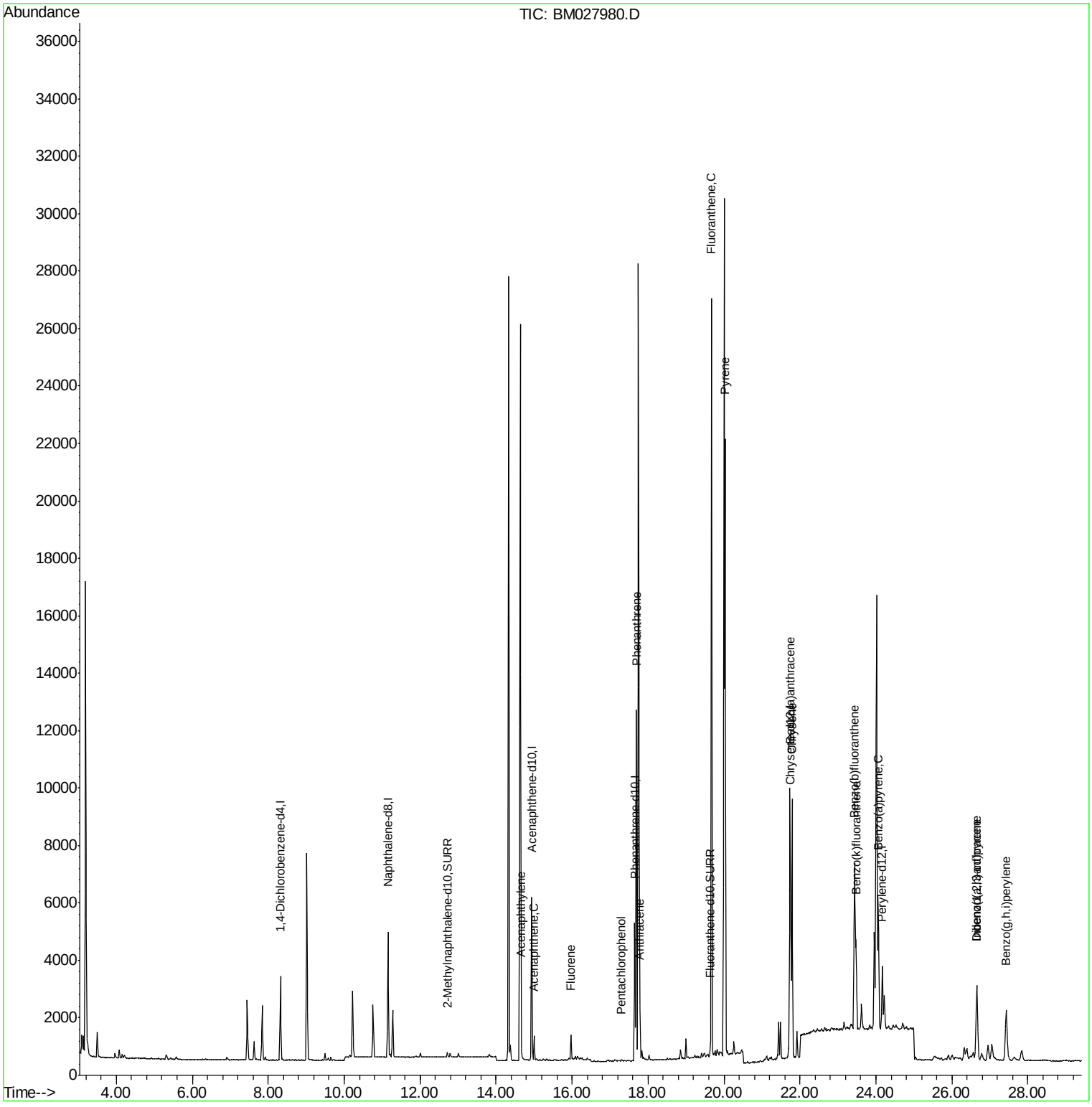
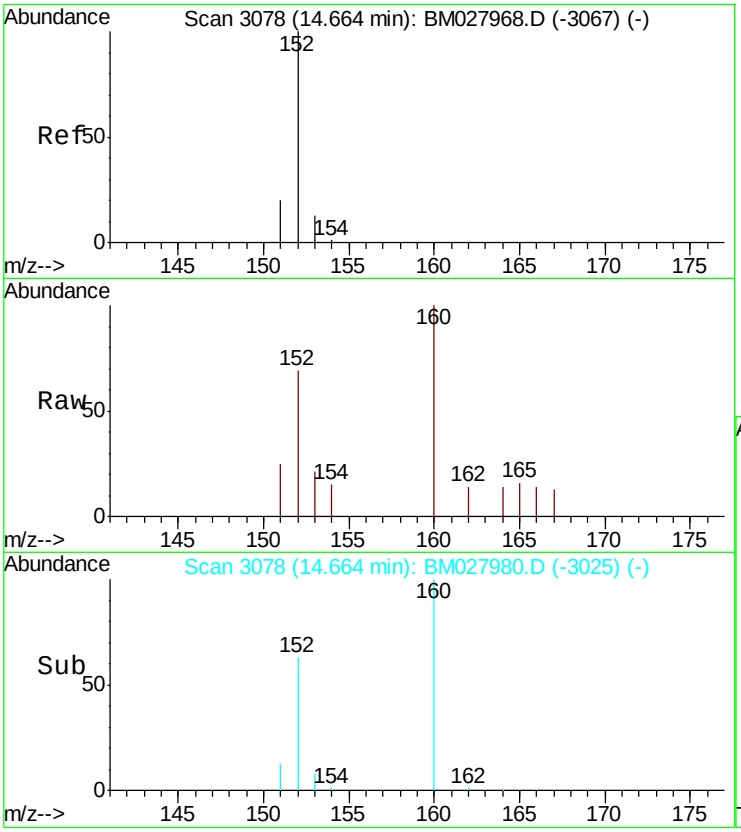
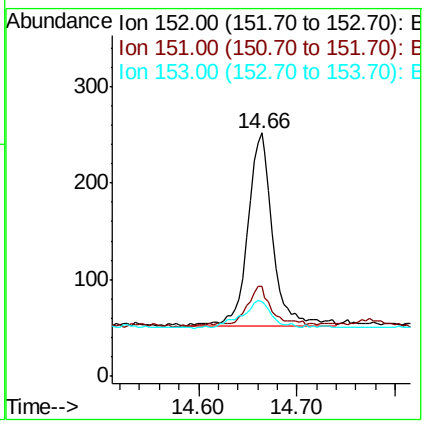




#7
Acenaphthylene
Concen: 0.023 ng/ul
RT: 14.66 min Scan# 3078
Delta R.T. 0.00 min
Lab File: BM027980.D
Acq: 26 Nov 2020 01:03

Tgt Ion:152 Resp: 356

Ion	Ratio	Lower	Upper
152	100		
151	36.9	17.1	25.7#
153	30.6	12.0	18.0#



Instrument :
BNA_M
ClientSampleId :
C0B18DL

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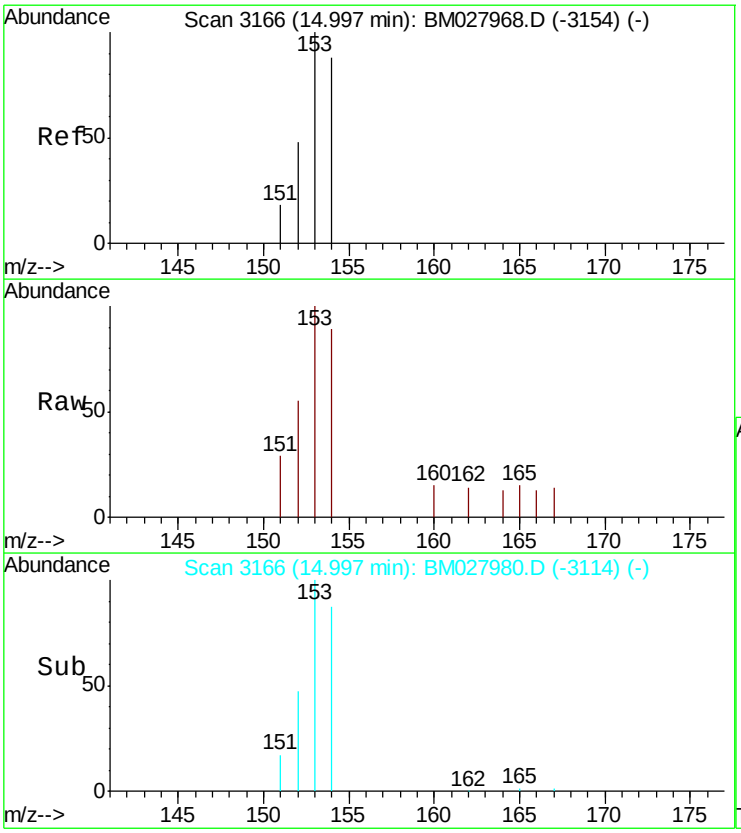
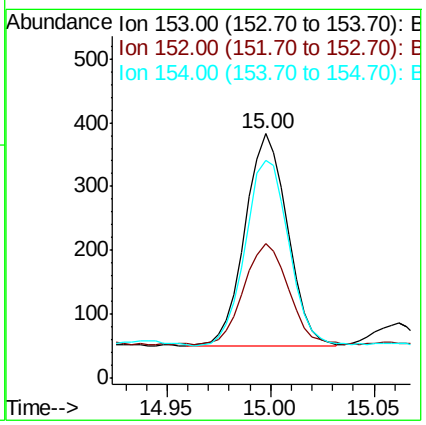
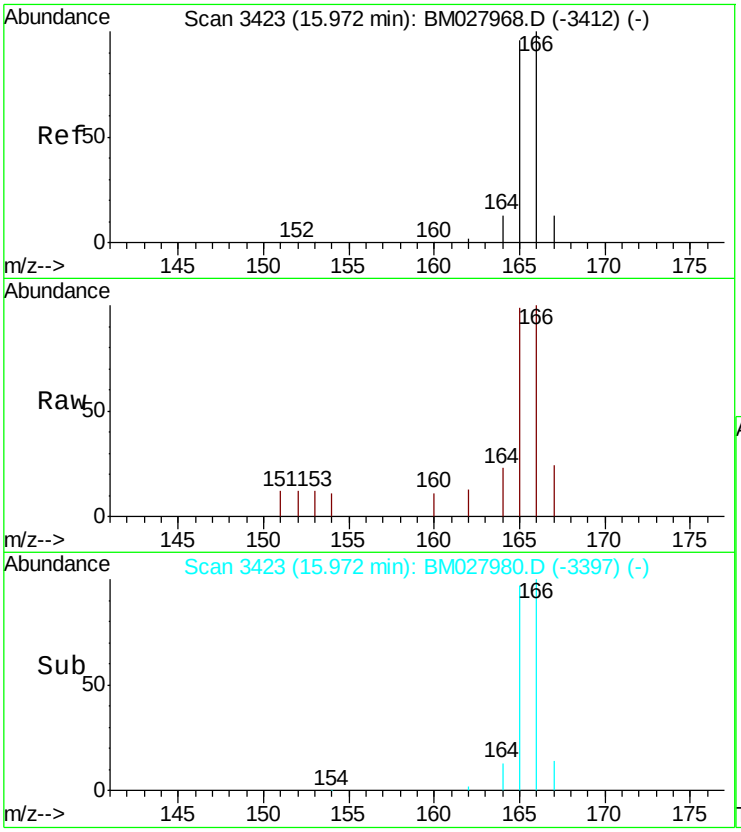


#8
Acenaphthene
Concen: 0.041 ng/ul
RT: 15.00 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BM027980.D
Acq: 26 Nov 2020 01:03

Tgt Ion:153 Resp: 472

Ion	Ratio	Lower	Upper
153	100		
152	55.1	39.0	58.6
154	88.8	71.6	107.4

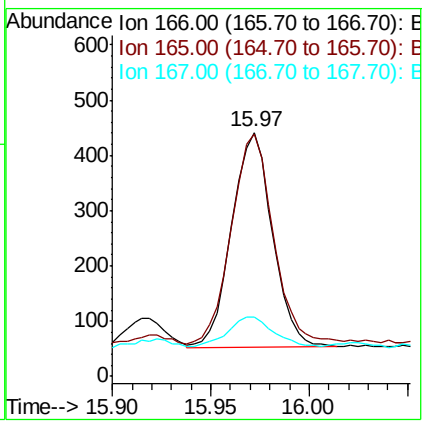




#9
Fluorene
Concen: 0.042 ng/ul
RT: 15.97 min Scan# 3423
Delta R.T. 0.00 min
Lab File: BM027980.D
Acq: 26 Nov 2020 01:03

Tgt Ion:166 Resp: 557

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.1	117.1
167	24.3	11.8	17.8#



Instrument :
BNA_M
ClientSampleId :
C0B18DL

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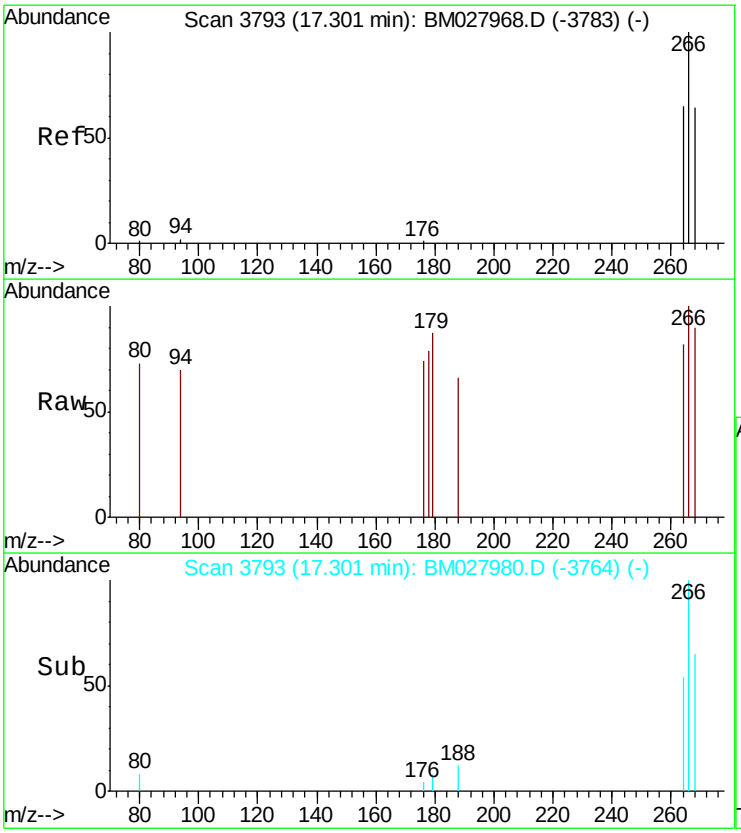
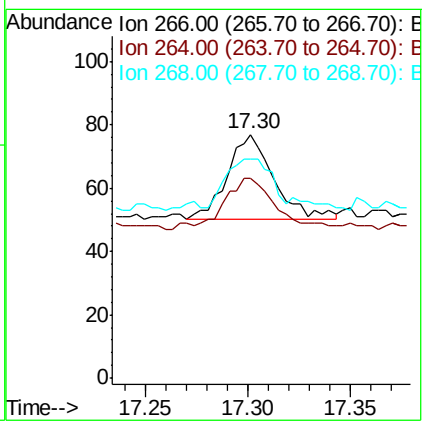
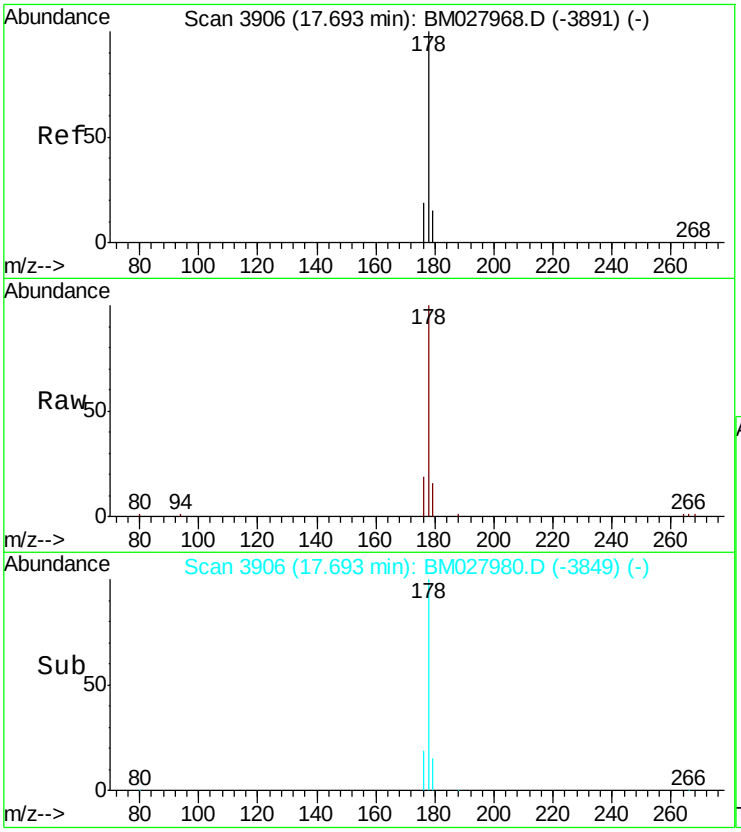


#11
Pentachlorophenol
Concen: 0.023 ng/ul
RT: 17.30 min Scan# 3793
Delta R.T. 0.00 min
Lab File: BM027980.D
Acq: 26 Nov 2020 01:03

Tgt Ion:266 Resp: 43

Ion	Ratio	Lower	Upper
266	100		
264	62.8	49.6	74.4
268	67.4	52.1	78.1

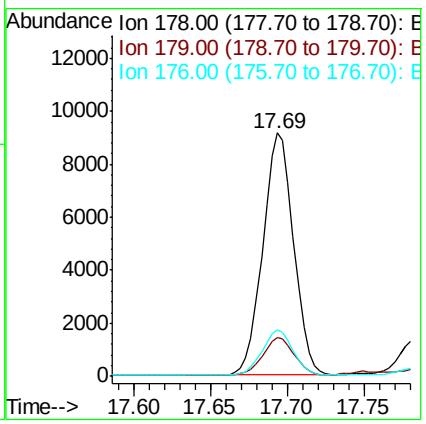




#12
Phenanthrene
Concen: 0.733 ng/ul
RT: 17.69 min Scan# 3906
Delta R.T. -0.00 min
Lab File: BM027980.D
Acq: 26 Nov 2020 01:03

Tgt Ion:178 Resp: 12706

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.6	20.4
176	19.3	16.1	24.1



Instrument :
BNA_M
ClientSampleId :
C0B18DL

Manual Integrations APPROVED
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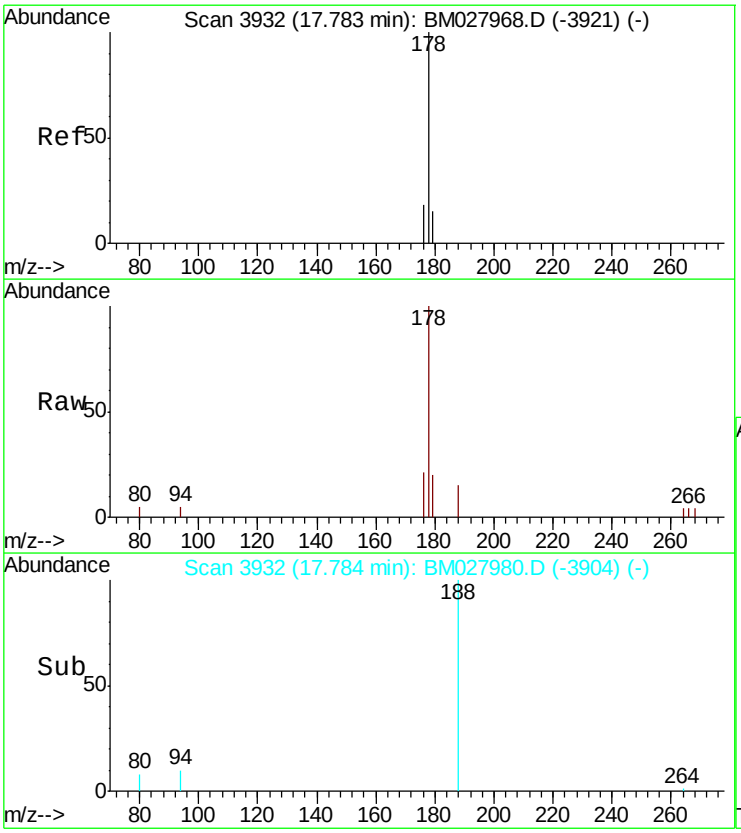
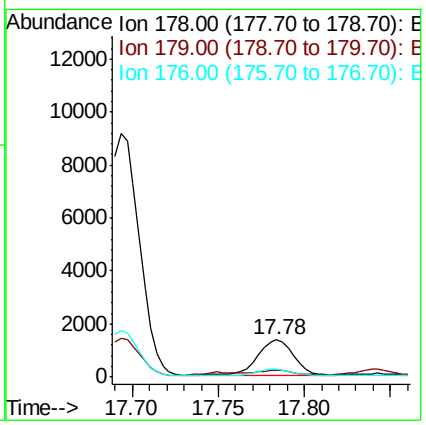
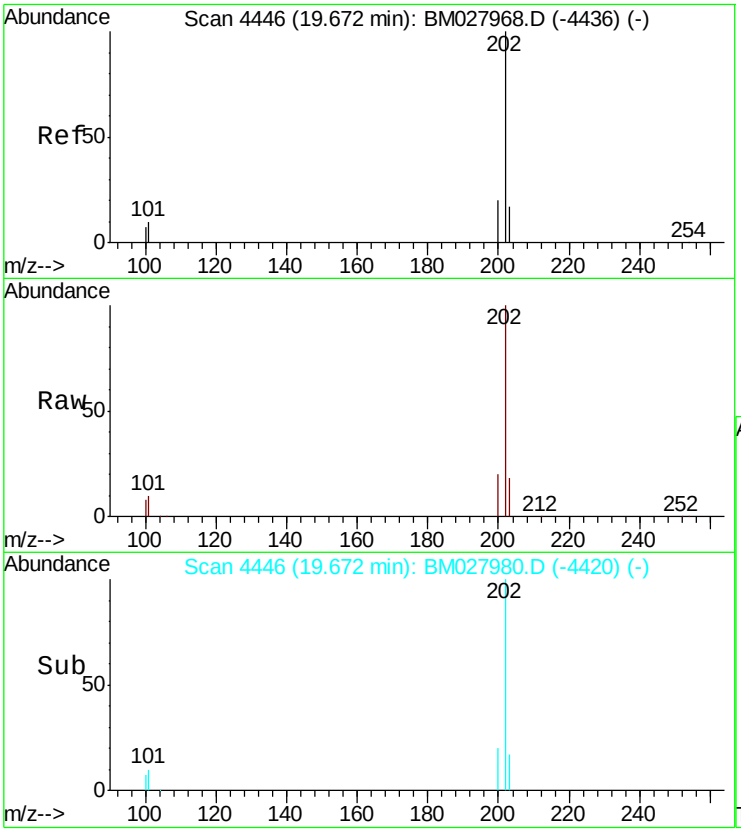


#13
Anthracene
Concen: 0.113 ng/ul
RT: 17.78 min Scan# 3932
Delta R.T. -0.00 min
Lab File: BM027980.D
Acq: 26 Nov 2020 01:03

Tgt Ion:178 Resp: 1895

Ion	Ratio	Lower	Upper
178	100		
179	19.7	13.4	20.2
176	21.3	15.0	22.6

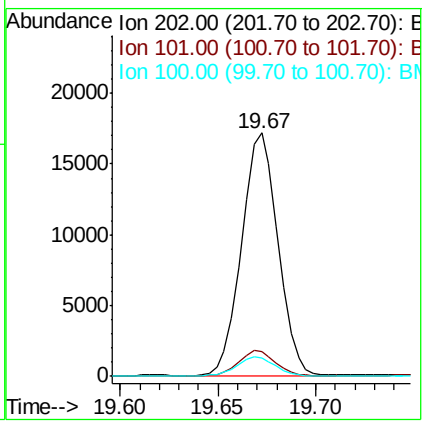




#15
Fluoranthene
Concen: 1.151 ng/ul
RT: 19.67 min Scan# 4446
Delta R.T. 0.00 min
Lab File: BM027980.D
Acq: 26 Nov 2020 01:03

Tgt Ion:202 Resp: 22132

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	29.3
100	7.7	0.0	27.4



Instrument :
BNA_M
ClientSampleId :
C0B18DL

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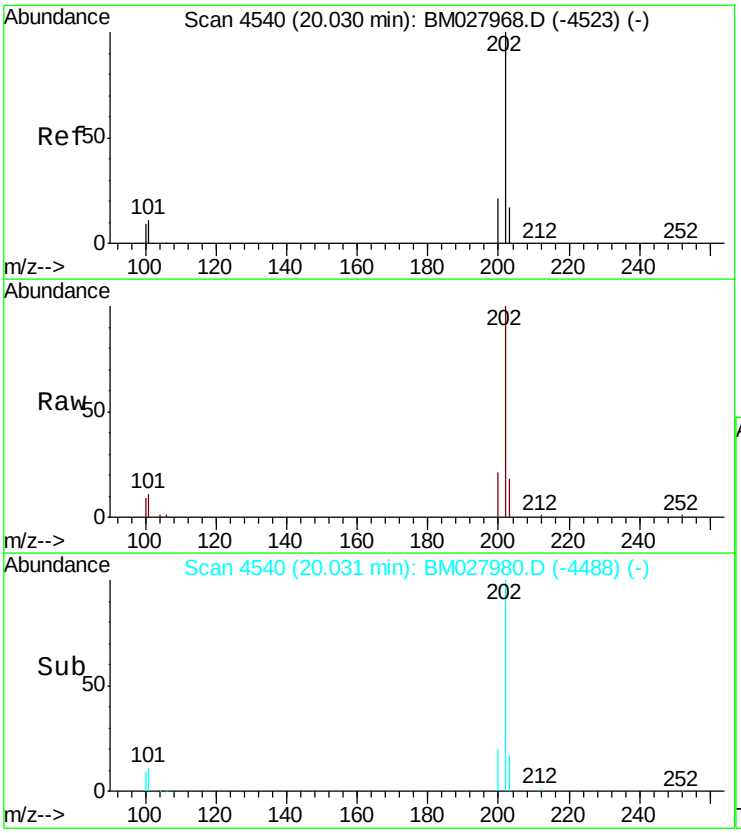
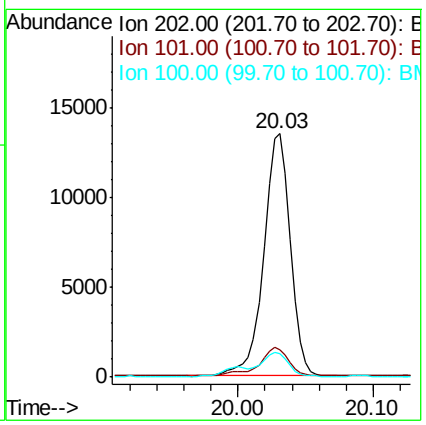
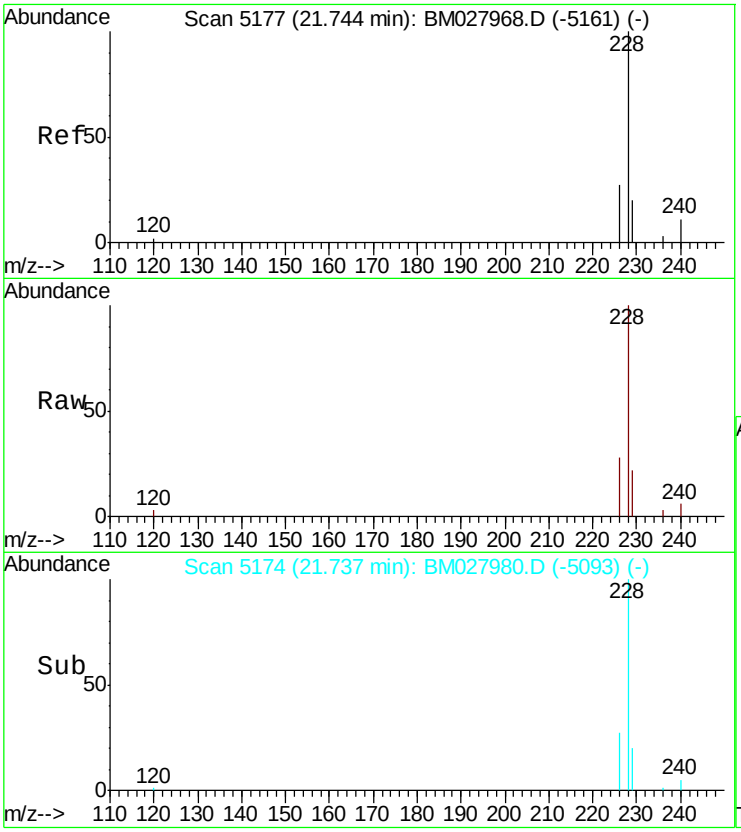


#17
Pyrene
Concen: 1.143 ng/ul
RT: 20.03 min Scan# 4540
Delta R.T. 0.00 min
Lab File: BM027980.D
Acq: 26 Nov 2020 01:03

Tgt Ion:202 Resp: 18292

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.2	12.2
100	9.4	6.9	10.3

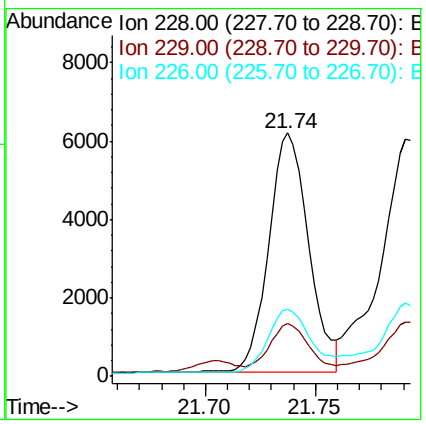




#18
Benzo(a)anthracene
Concen: 0.608 ng/ul
RT: 21.74 min Scan# 5174
Delta R.T. -0.00 min
Lab File: BM027980.D
Acq: 26 Nov 2020 01:03

Tgt Ion:228 Resp: 7723

Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.2	24.4
226	27.7	21.5	32.3



Instrument :
BNA_M
ClientSampleId :
C0B18DL

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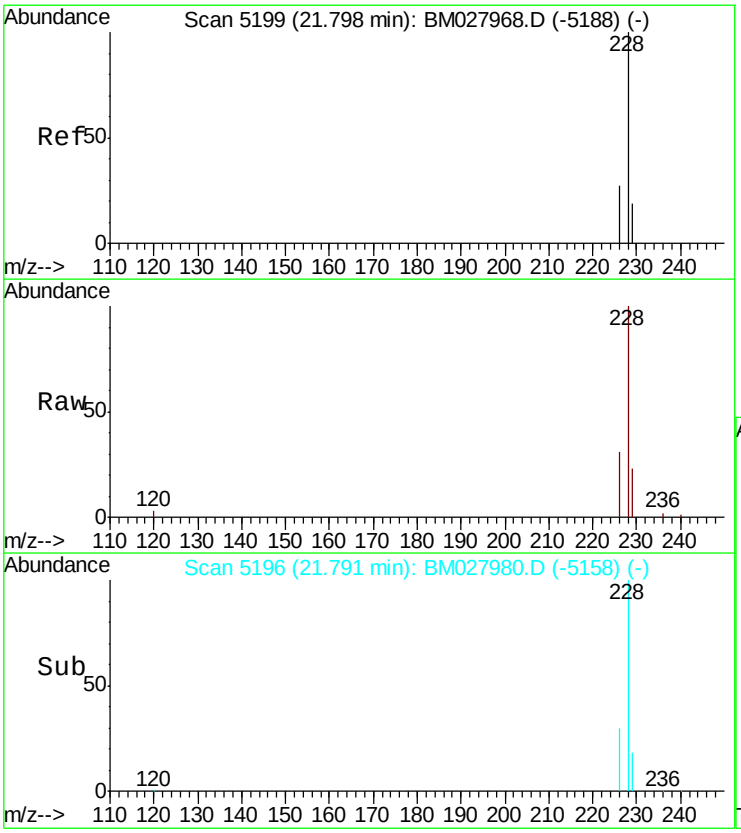
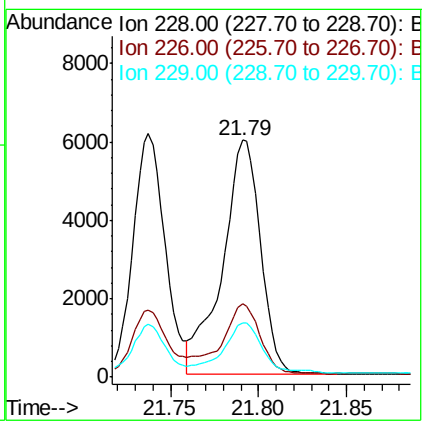
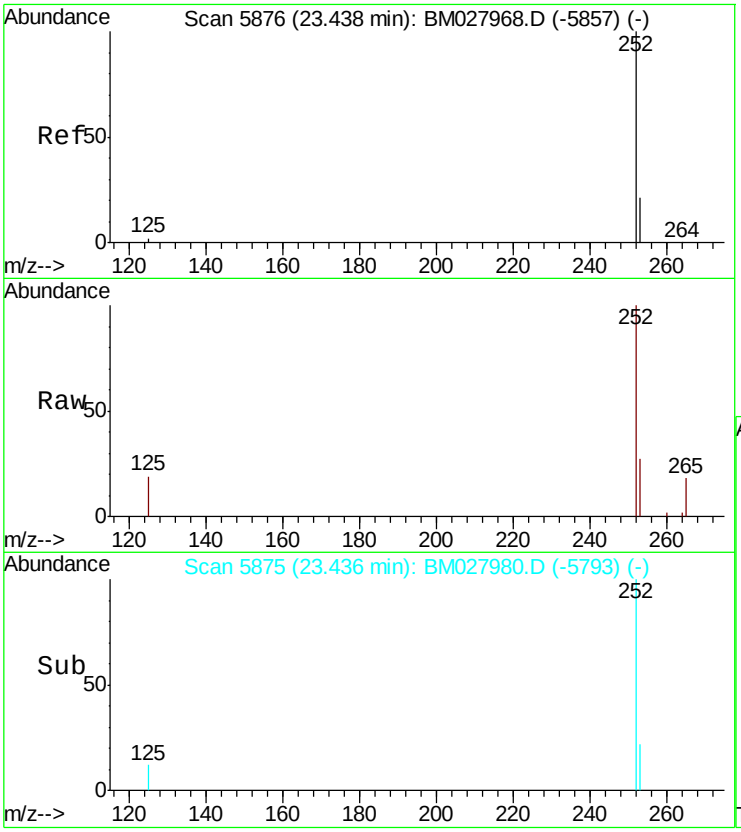


#19
Chrysene
Concen: 0.723 ng/ul
RT: 21.79 min Scan# 5196
Delta R.T. -0.01 min
Lab File: BM027980.D
Acq: 26 Nov 2020 01:03

Tgt Ion:228 Resp: 8946

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.1	36.1
229	22.9	16.6	24.8

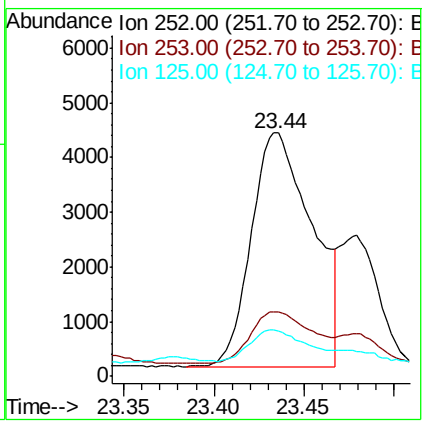




#21
Benzo(b)fluoranthene
Concen: 0.813 ng/ul m
RT: 23.44 min Scan# 5875
Delta R.T. -0.00 min
Lab File: BM027980.D
Acq: 26 Nov 2020 01:03

Tgt Ion:252 Resp: 10109

Ion	Ratio	Lower	Upper
252	100		
253	26.7	0.0	59.6
125	18.6	0.0	28.4



Instrument :
BNA_M
ClientSampleId :
C0B18DL

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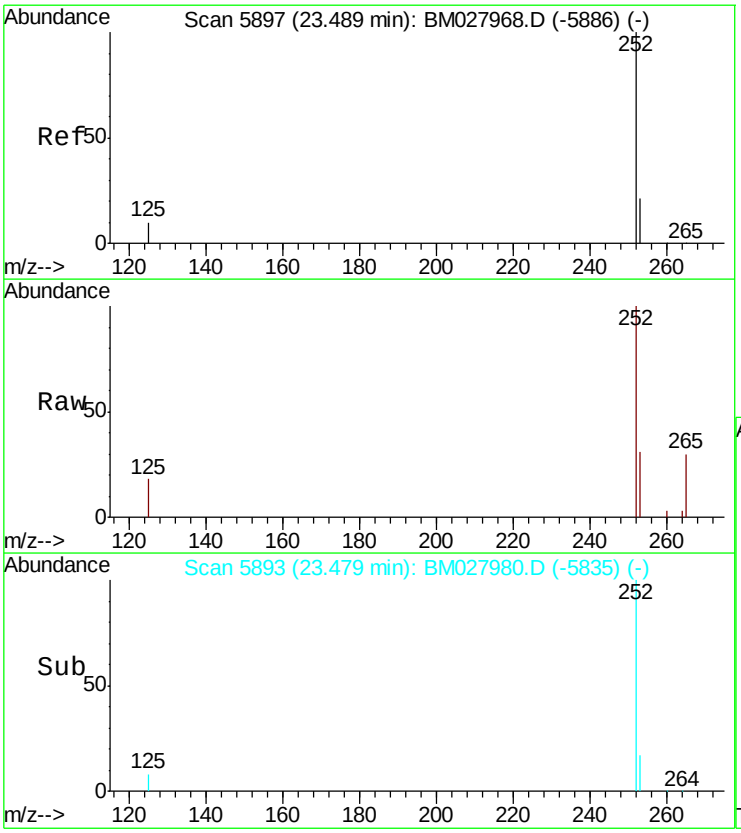
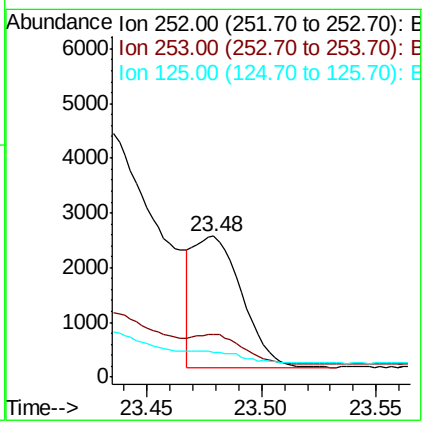
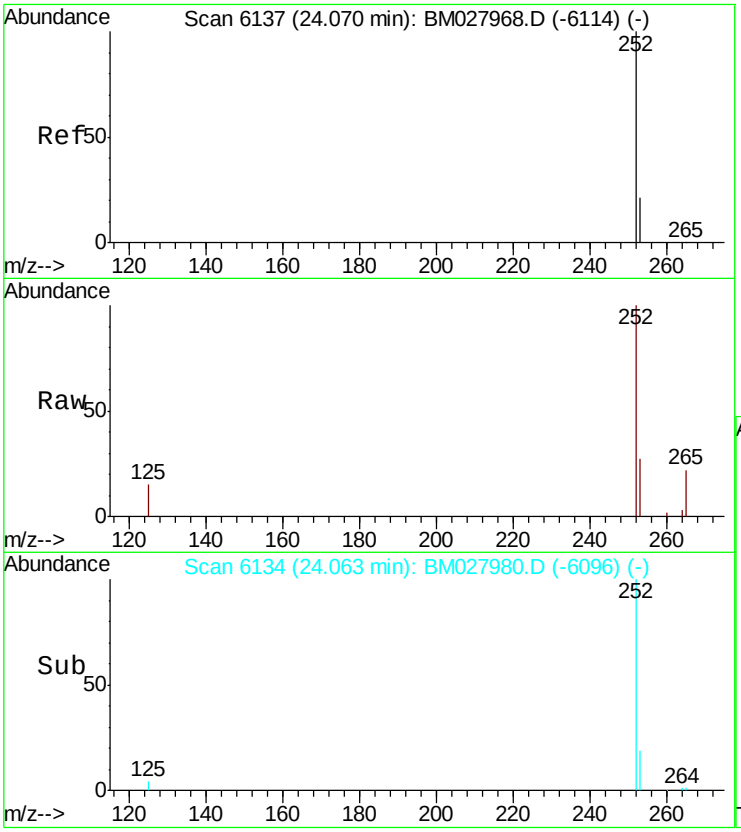


#22
Benzo(k)fluoranthene
Concen: 0.293 ng/ul m
RT: 23.48 min Scan# 5893
Delta R.T. -0.01 min
Lab File: BM027980.D
Acq: 26 Nov 2020 01:03

Tgt Ion:252 Resp: 3568

Ion	Ratio	Lower	Upper
252	100		
253	30.7	23.2	34.8
125	17.6	11.8	17.6





#23
Benzo(a)pyrene
Concen: 0.629 ng/ul
RT: 24.06 min Scan# 6134
Delta R.T. -0.01 min
Lab File: BM027980.D
Acq: 26 Nov 2020 01:03

Tgt Ion:252 Resp: 6833

Ion	Ratio	Lower	Upper
252	100		
253	27.1	25.2	37.8
125	15.3	13.8	20.6

Instrument :
BNA_M
ClientSampleId :
C0B18DL

Manual Integrations APPROVED
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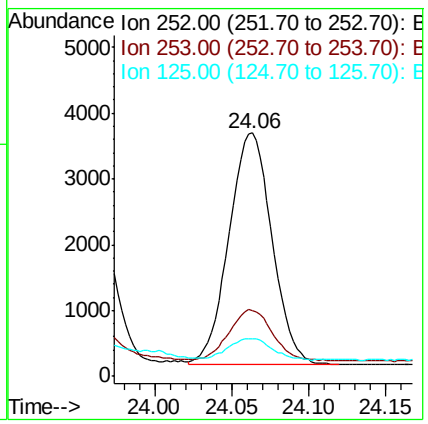
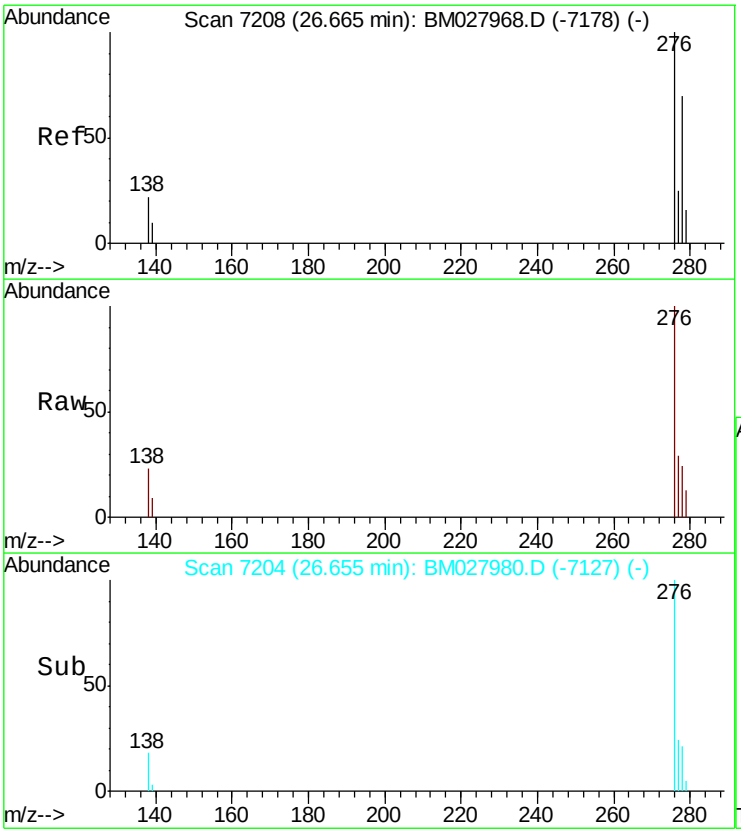
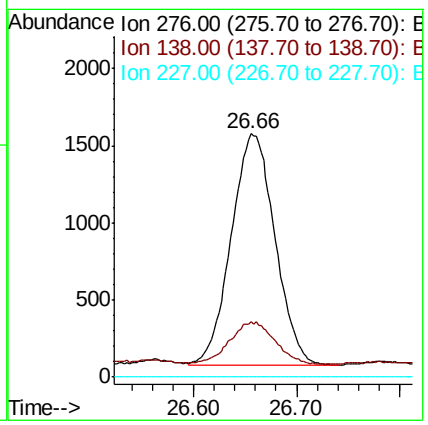


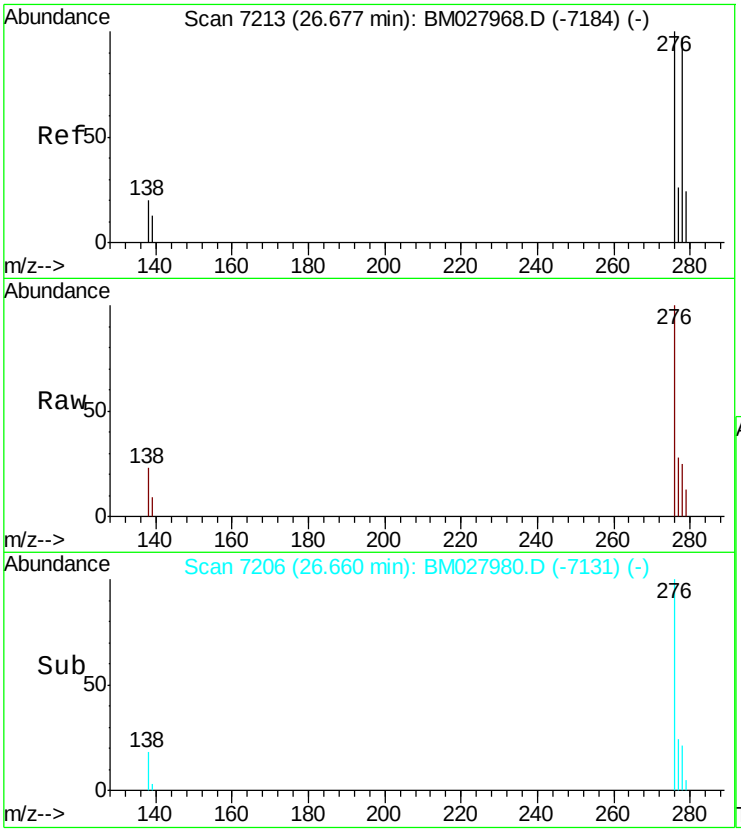


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.377 ng/ul
RT: 26.66 min Scan# 7204
Delta R.T. -0.01 min
Lab File: BM027980.D
Acq: 26 Nov 2020 01:03

Tgt Ion:276 Resp: 4433

Ion	Ratio	Lower	Upper
276	100		
138	18.5	15.7	23.5
227	0.0	0.0	0.0





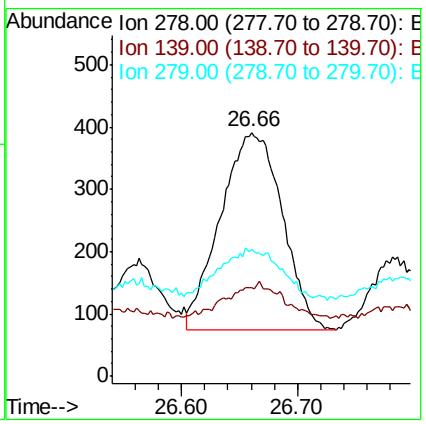
#25
Dibenzo(a,h)anthracene
Concen: 0.120 ng/ul
RT: 26.66 min Scan# 7206
Delta R.T. -0.02 min
Lab File: BM027980.D
Acq: 26 Nov 2020 01:03

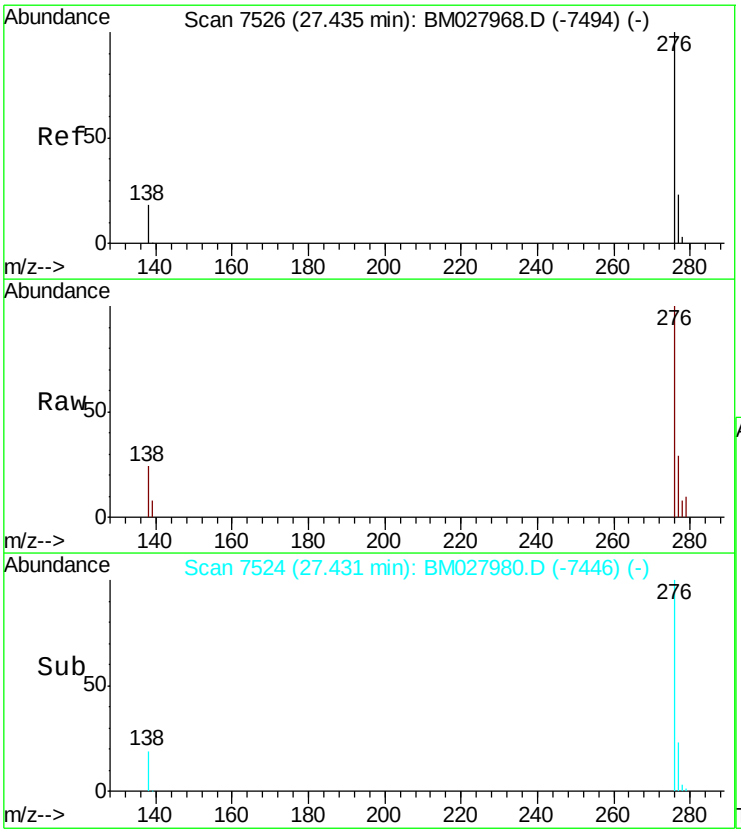
Tgt Ion:278 Resp: 1172

Ion	Ratio	Lower	Upper
278	100		
139	36.3	14.8	22.2#
279	51.9	25.8	38.6#

Instrument :
BNA_M
ClientSampleId :
C0B18DL

Manual Integrations APPROVED
mohammad
11/27/2020 11:44:24 AM





#26
Benzo(g,h,i)perylene
Concen: 0.403 ng/ul
RT: 27.43 min Scan# 7524
Delta R.T. -0.01 min
Lab File: BM027980.D
Acq: 26 Nov 2020 01:03

Tgt Ion:276 Resp: 3973

Ion	Ratio	Lower	Upper
276	100		
138	24.2	17.4	26.2
277	28.9	22.5	33.7