Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111720\
Data File : BM027816.D
Acq On : 17 Nov 2020 13:08
Operator : JU/CG
Sample : L4762-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 17 13:41:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 09:19:02 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C0AC7

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1468	0.40	ng/ul	0.00
2) Naphthalene-d8	11.22	136	5780	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.99	164	3654	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	5788m	0.40	ng/ul	0.00
16) Chrysene-d12	21.81	240	3147	0.40	ng/ul	0.00
20) Perylene-d12	24.25	264	2660	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.78	152	5322	0.49	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	6284	0.37	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.26	128	27333	1.480	ng/ul	95
5) 2-Methylnaphthalene	12.85	142	50980	3.968	ng/ul	99
7) Acenaphthylene	14.72	152	2498	0.139	ng/ul#	58
8) Acenaphthene	15.05	153	2131	0.155	ng/ul#	65
9) Fluorene	16.02	166	3364	0.203	ng/ul#	83
12) Phenanthrene	17.74	178	41397	2.197	ng/ul	99
13) Anthracene	17.83	178	5259m	0.287	ng/ul	
15) Fluoranthene	19.72	202	12728	0.590	ng/ul	92
17) Pyrene	20.08	202	18273	1.309	ng/ul#	89
18) Benzo(a)anthracene	21.79	228	6481	0.515	ng/ul#	31
19) Chrysene	21.84	228	11571	0.903	ng/ul#	54
21) Benzo(b)fluoranthene	23.50	252	9342m	0.767	ng/ul	
22) Benzo(k)fluoranthene	23.55	252	3125m	0.262	ng/ul	
23) Benzo(a)pyrene	24.14	252	6019	0.562	ng/ul#	19
24) Indeno(1,2,3-cd)pyrene	26.78	276	4956	0.406	ng/ul#	90
25) Dibenzo(a,h)anthracene	26.78	278	1539	0.151	ng/ul#	1
26) Benzo(g,h,i)perylene	27.56	276	8872	0.860	ng/ul#	70

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111720\
Data File : BM027816.D
Acq On : 17 Nov 2020 13:08
Operator : JU/CG
Sample : L4762-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 17 13:41:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 09:19:02 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC7

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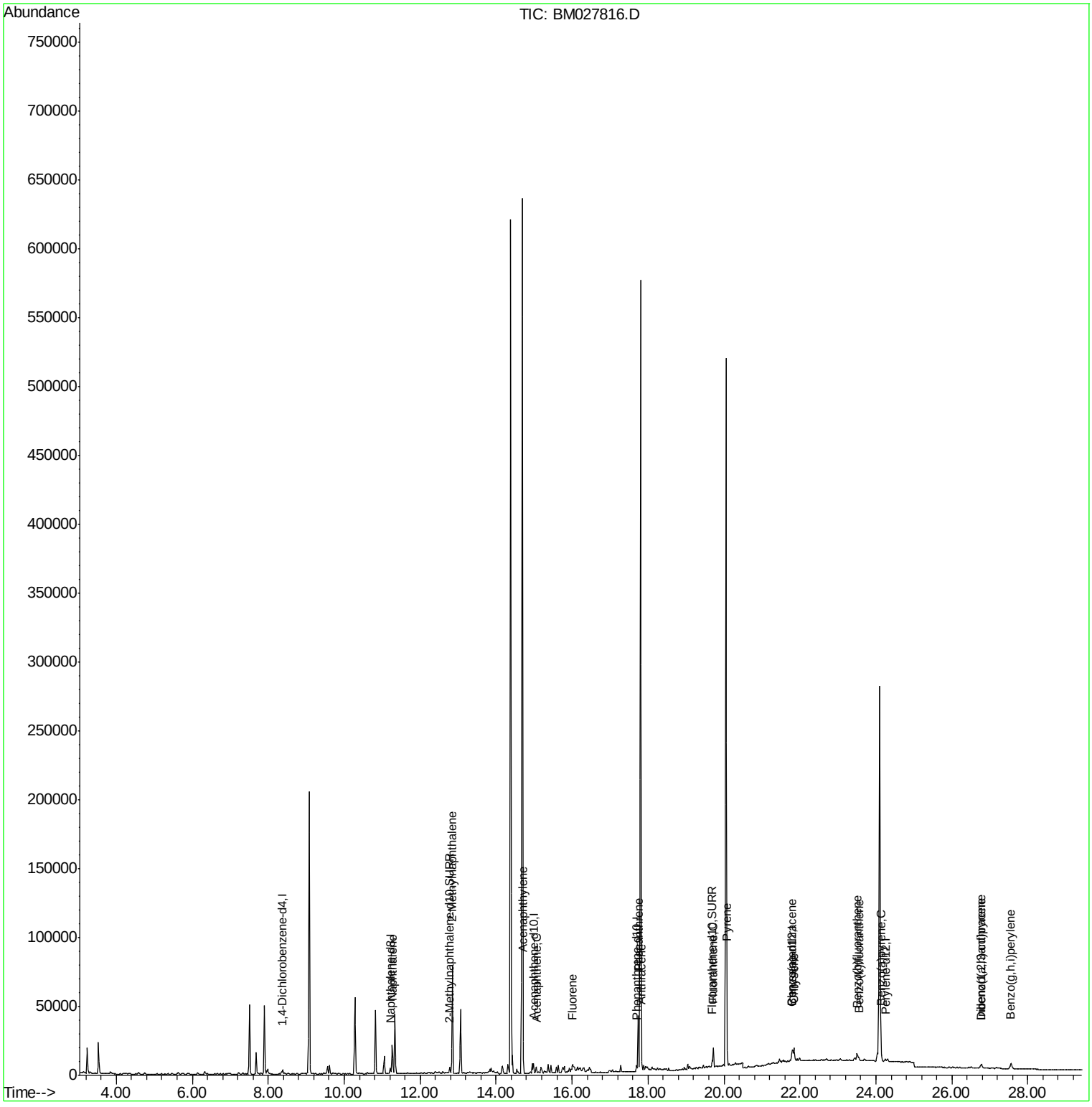
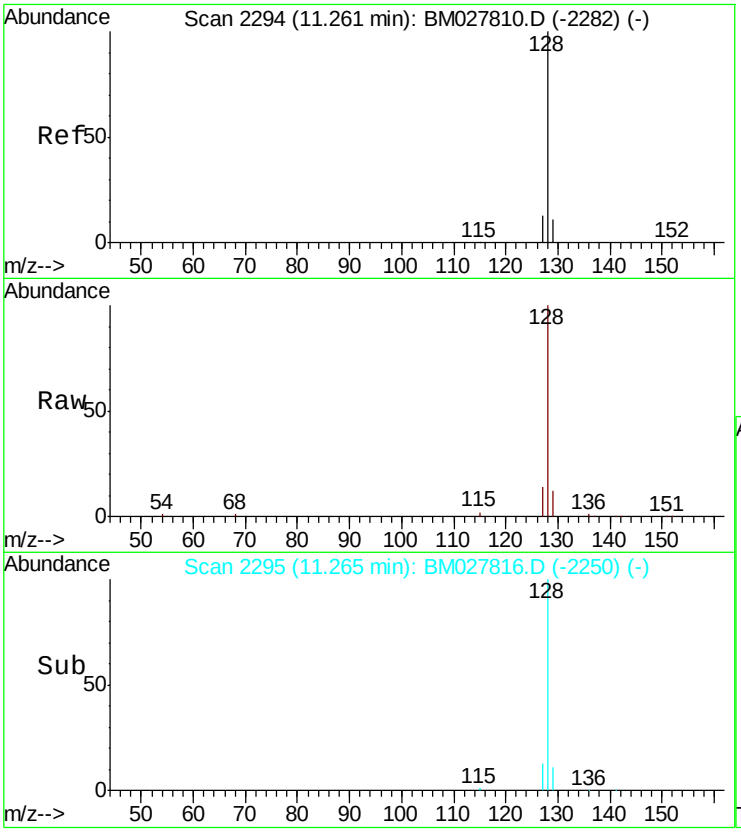
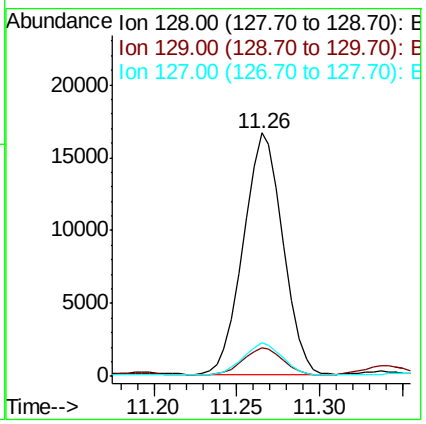




#3
Naphthalene
Concen: 1.480 ng/ul
RT: 11.26 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BM027816.D
Acq: 17 Nov 2020 13:08

Tgt Ion:128 Resp: 27333

Ion	Ratio	Lower	Upper
128	100		
129	11.6	11.0	16.4
127	13.6	12.4	18.6



Instrument :
BNA_M
ClientSampleId :
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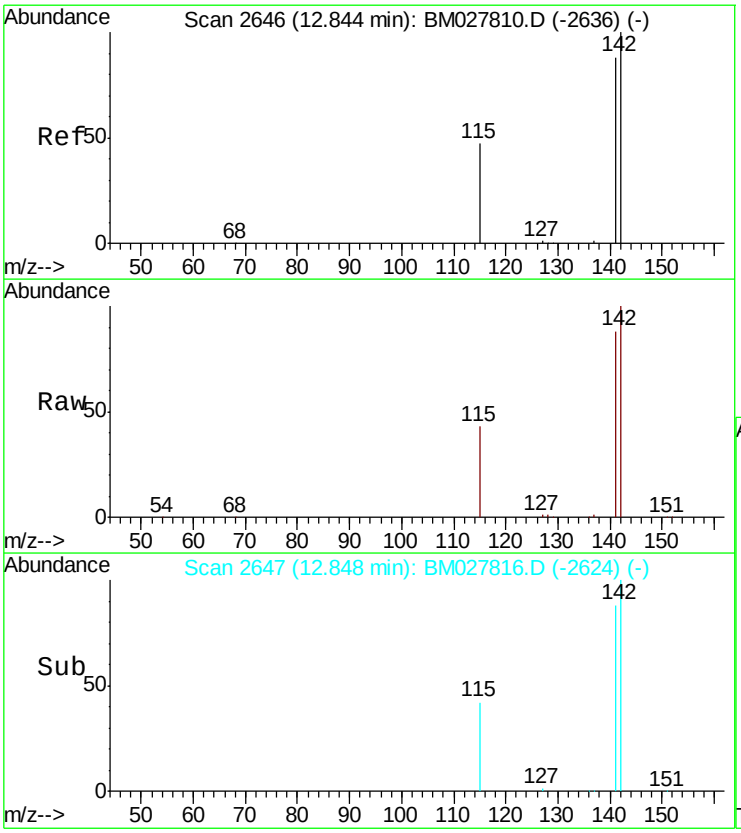
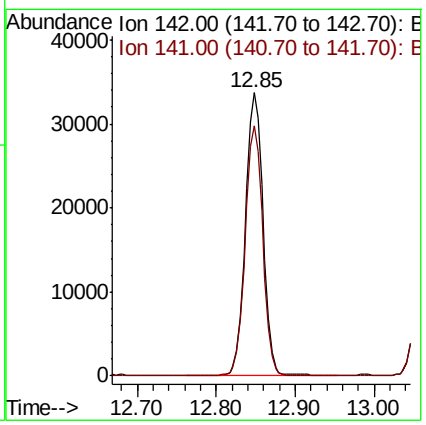
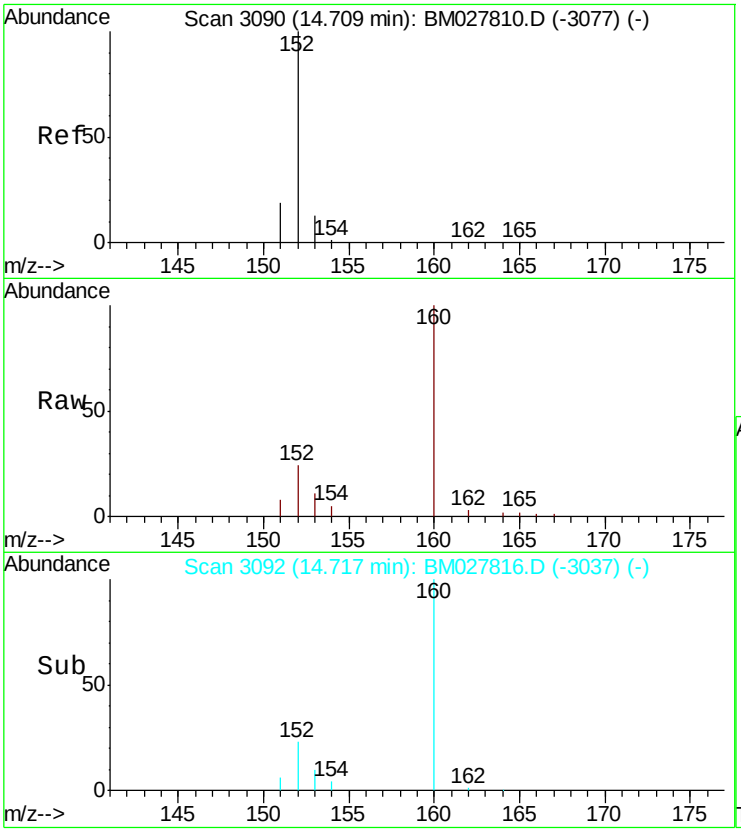


#5
2-Methylnaphthalene
Concen: 3.968 ng/ul
RT: 12.85 min Scan# 2647
Delta R.T. 0.00 min
Lab File: BM027816.D
Acq: 17 Nov 2020 13:08

Tgt Ion:142 Resp: 50980

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.0	105.0





#7
Acenaphthylene
Concen: 0.139 ng/ul
RT: 14.72 min Scan# 3092
Delta R.T. 0.01 min
Lab File: BM027816.D
Acq: 17 Nov 2020 13:08

Tgt Ion:152 Resp: 2498

Ion	Ratio	Lower	Upper
152	100		
151	31.0	17.8	26.6#
153	47.1	11.8	17.8#

Instrument :
BNA_M
ClientSampleId :
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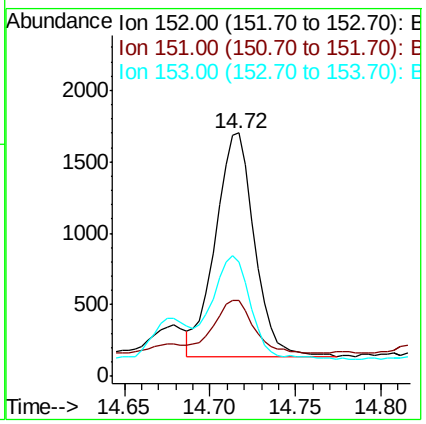
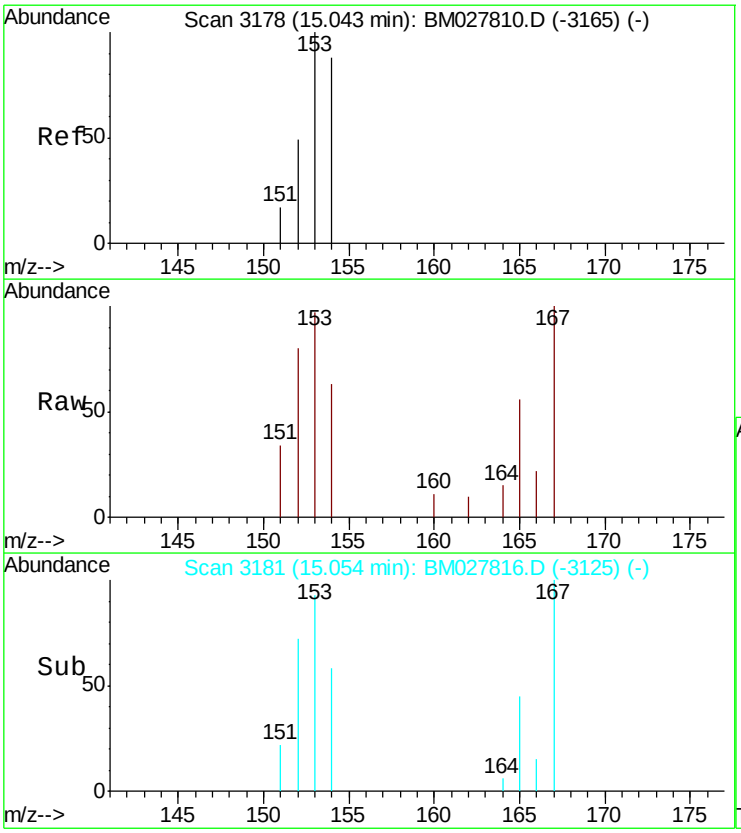
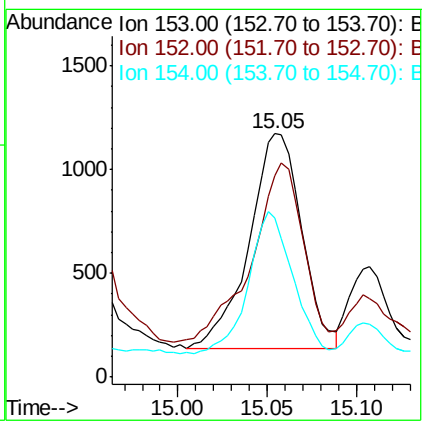


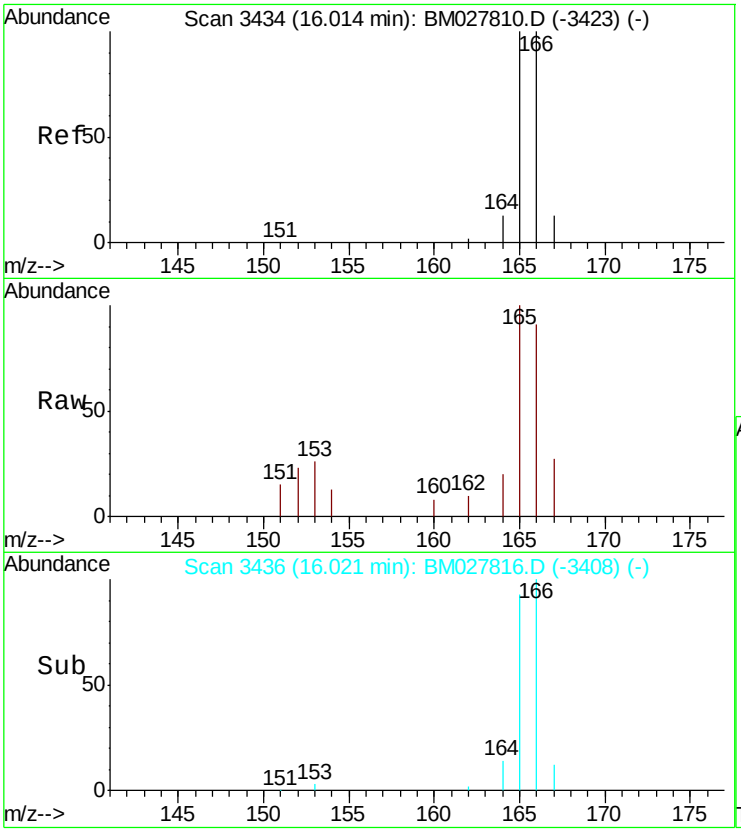


#8
Acenaphthene
Concen: 0.155 ng/ul
RT: 15.05 min Scan# 3181
Delta R.T. 0.01 min
Lab File: BM027816.D
Acq: 17 Nov 2020 13:08

Tgt Ion:153 Resp: 2131

Ion	Ratio	Lower	Upper
153	100		
152	82.7	38.6	58.0#
154	65.1	72.0	108.0#





#9
Fluorene
Concen: 0.203 ng/ul
RT: 16.02 min Scan# 3436
Delta R.T. 0.01 min
Lab File: BM027816.D
Acq: 17 Nov 2020 13:08

Tgt Ion:166 Resp: 3364

Ion	Ratio	Lower	Upper
166	100		
165	110.3	76.9	115.3
167	30.0	12.0	18.0#

Instrument :
BNA_M
ClientSampleId :
C0AC7

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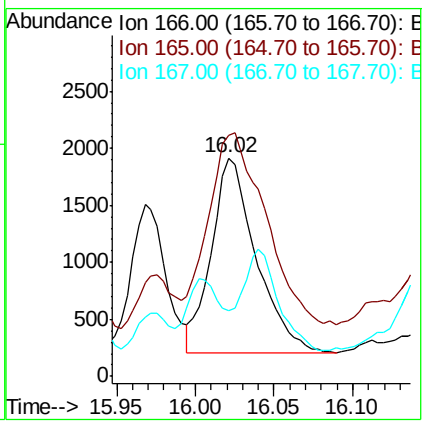
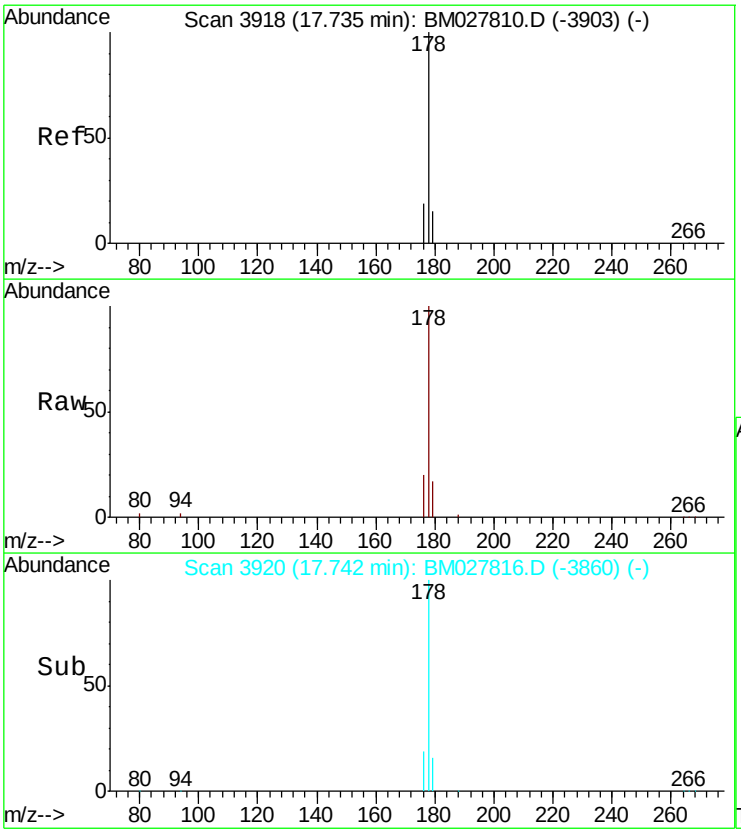
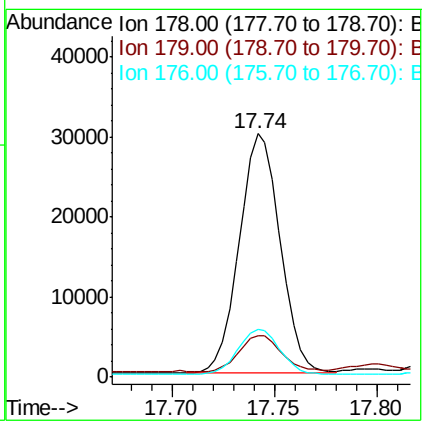


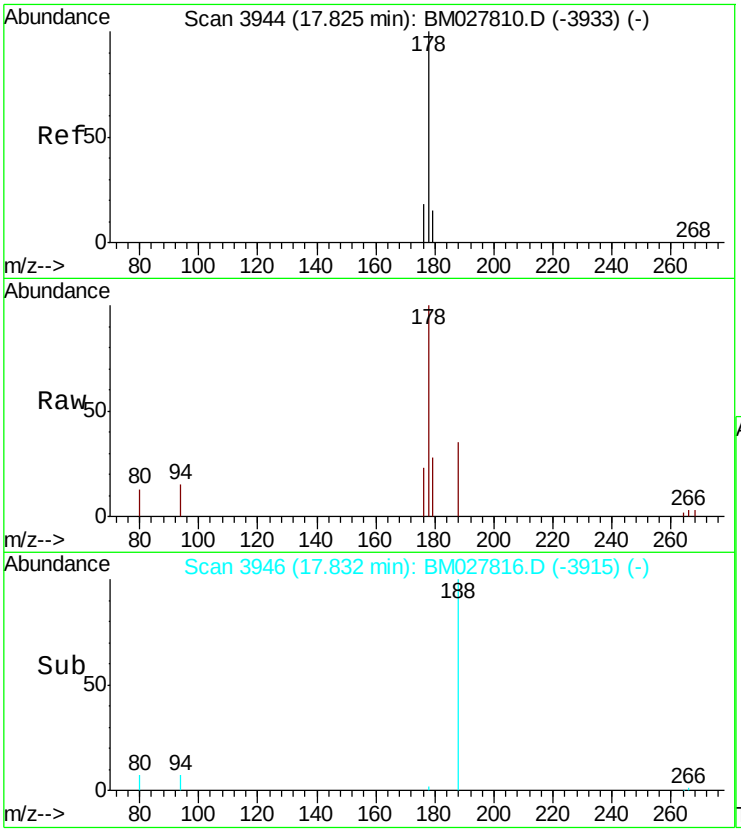


#12
Phenanthrene
Concen: 2.197 ng/ul
RT: 17.74 min Scan# 3920
Delta R.T. 0.01 min
Lab File: BM027816.D
Acq: 17 Nov 2020 13:08

Tgt Ion:178 Resp: 41397

Ion	Ratio	Lower	Upper
178	100		
179	17.3	13.5	20.3
176	19.7	16.5	24.7

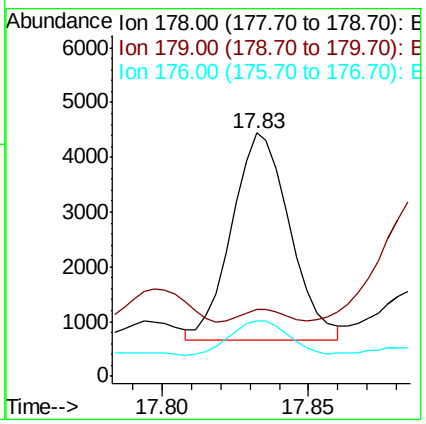




#13
Anthracene
Concen: 0.287 ng/ul m
RT: 17.83 min Scan# 3946
Delta R.T. 0.01 min
Lab File: BM027816.D
Acq: 17 Nov 2020 13:08

Tgt Ion:178 Resp: 5259

Ion	Ratio	Lower	Upper
178	100		
179	27.8	13.6	20.4#
176	22.9	15.4	23.2



Instrument :
BNA_M
ClientSampleId :
C0AC7

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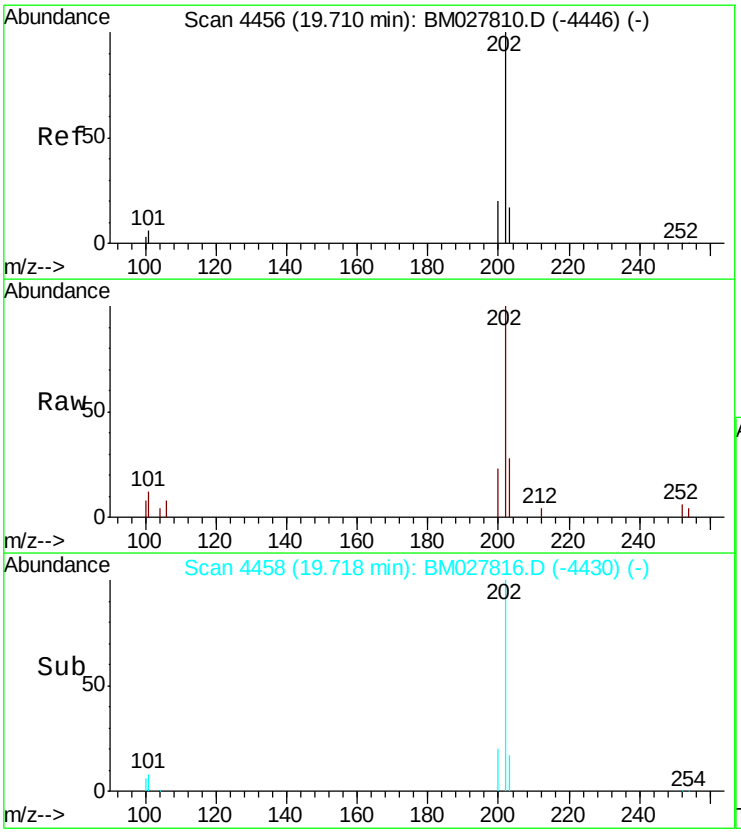
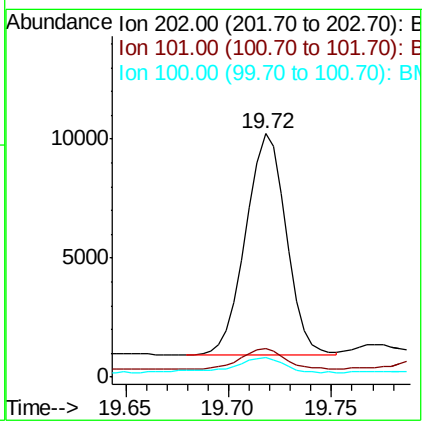
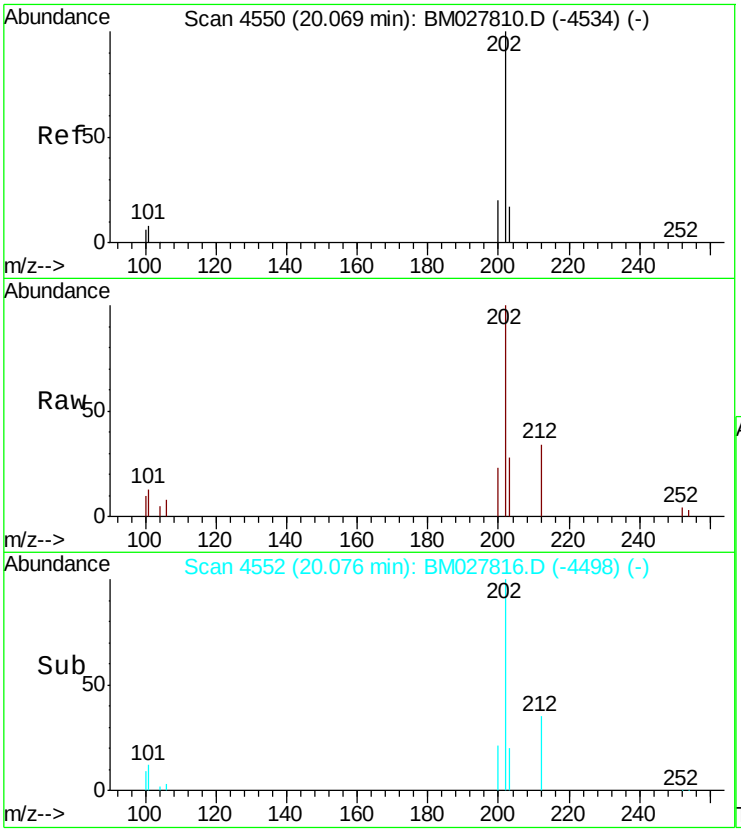


#15
Fluoranthene
Concen: 0.590 ng/ul
RT: 19.72 min Scan# 4458
Delta R.T. 0.01 min
Lab File: BM027816.D
Acq: 17 Nov 2020 13:08

Tgt Ion:202 Resp: 12728

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	28.0
100	7.9	0.0	26.3





#17
Pyrene
Concen: 1.309 ng/ul
RT: 20.08 min Scan# 4552
Delta R.T. 0.01 min
Lab File: BM027816.D
Acq: 17 Nov 2020 13:08

Tgt Ion:202 Resp: 18273

Ion	Ratio	Lower	Upper
202	100		
101	13.0	6.4	9.6#
100	9.9	5.8	8.6#

Instrument :
BNA_M
ClientSampleId :
C0AC7

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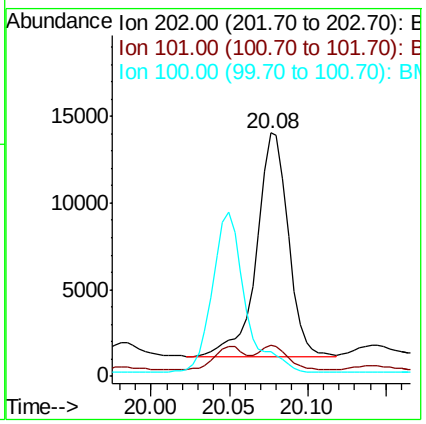
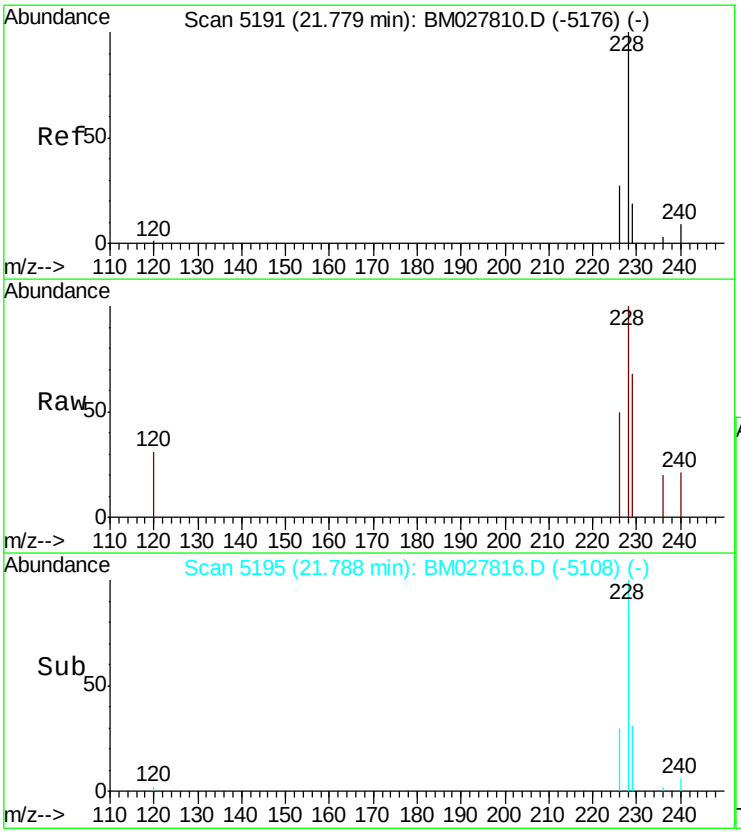
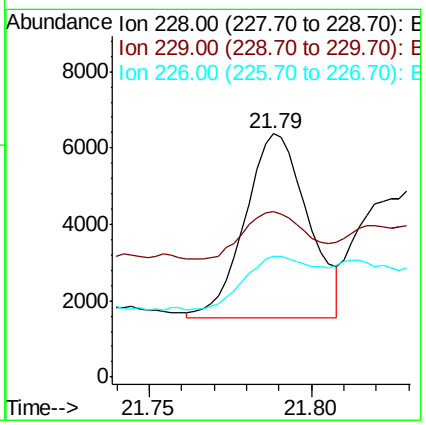


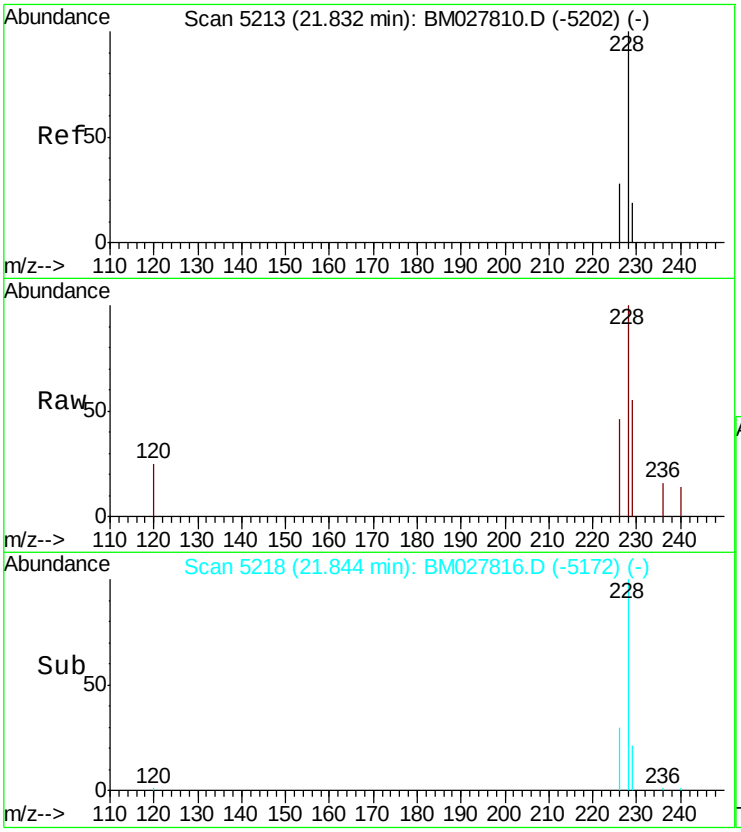


#18
Benzo(a)anthracene
Concen: 0.515 ng/ul
RT: 21.79 min Scan# 5195
Delta R.T. 0.01 min
Lab File: BM027816.D
Acq: 17 Nov 2020 13:08

Tgt Ion:228 Resp: 6481

Ion	Ratio	Lower	Upper
228	100		
229	68.1	15.9	23.9#
226	49.6	22.0	33.0#





#19
Chrysene
Concen: 0.903 ng/ul
RT: 21.84 min Scan# 5218
Delta R.T. 0.01 min
Lab File: BM027816.D
Acq: 17 Nov 2020 13:08

Tgt Ion:228 Resp: 11571

Ion	Ratio	Lower	Upper
228	100		
226	45.7	24.2	36.2#
229	54.7	16.8	25.2#

Instrument :
BNA_M
ClientSampleId :
C0AC7

Manual Integrations APPROVED
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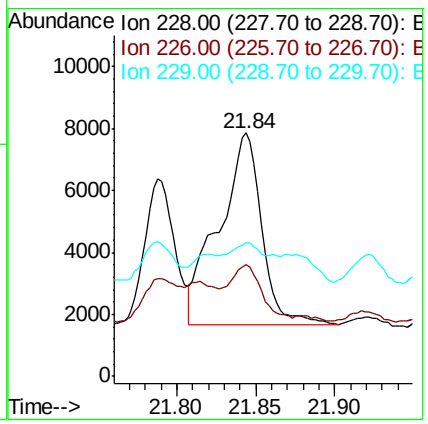
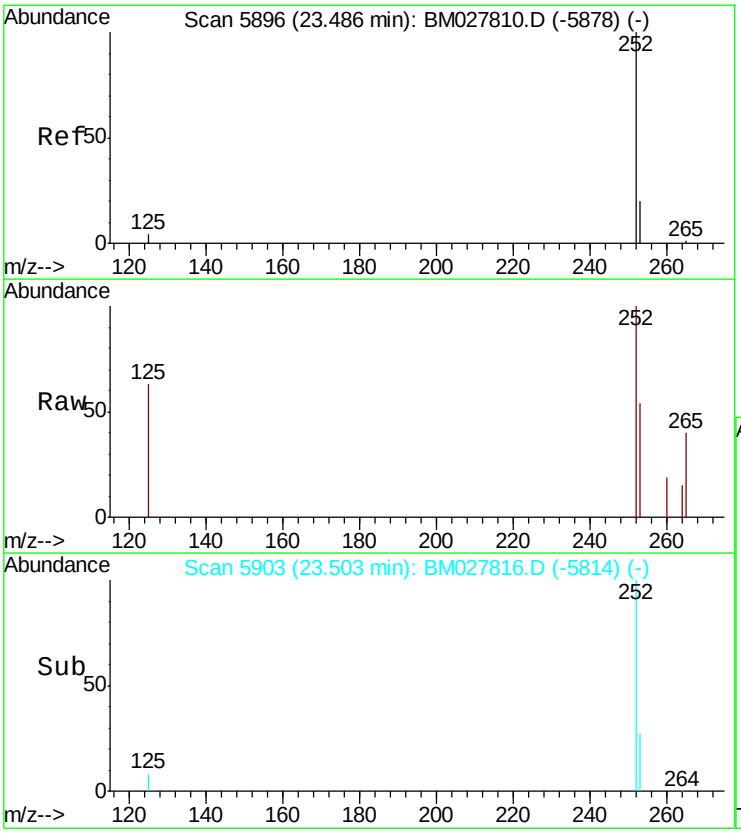
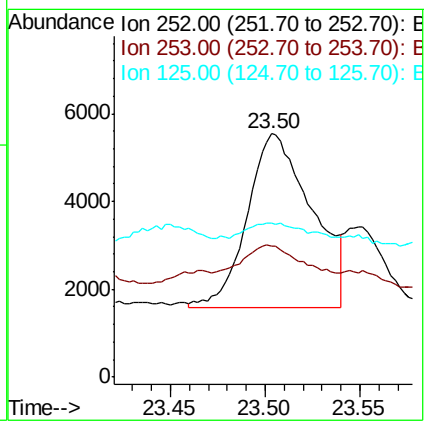


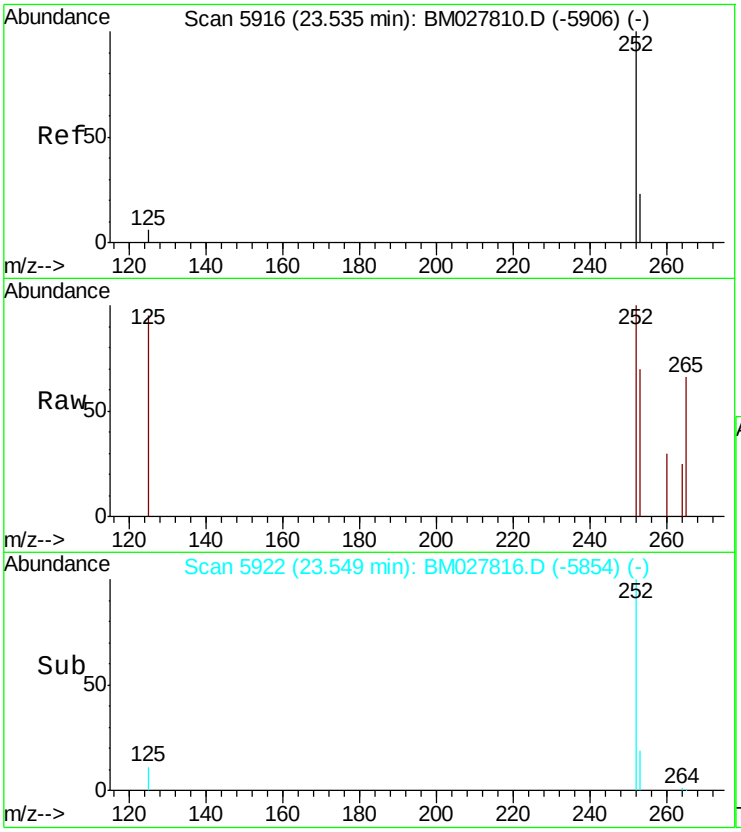


#21
Benzo(b)fluoranthene
Concen: 0.767 ng/ul m
RT: 23.50 min Scan# 5903
Delta R.T. 0.02 min
Lab File: BM027816.D
Acq: 17 Nov 2020 13:08

Tgt Ion:252 Resp: 9342

Ion	Ratio	Lower	Upper
252	100		
253	53.9	0.0	52.2#
125	63.3	0.0	17.6#





#22
Benzo(k)fluoranthene
Concen: 0.262 ng/ul m
RT: 23.55 min Scan# 5922
Delta R.T. 0.01 min
Lab File: BM027816.D
Acq: 17 Nov 2020 13:08

Tgt Ion:252 Resp: 3125

Ion	Ratio	Lower	Upper
252	100		
253	69.6	20.4	30.6#
125	95.2	7.0	10.4#

Instrument :
BNA_M
ClientSampleId :
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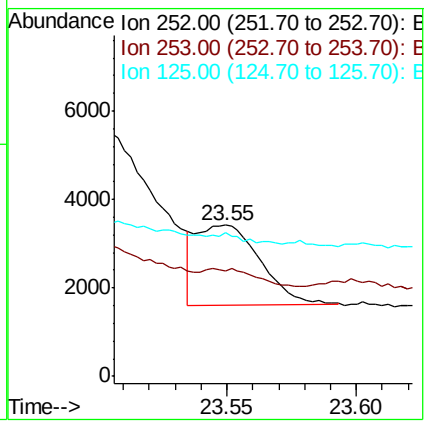
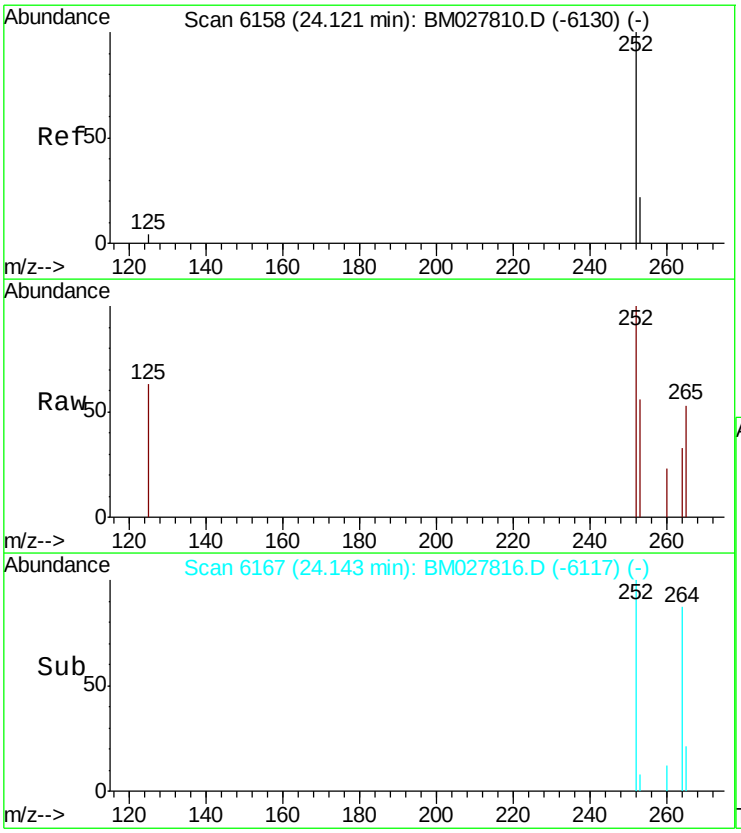
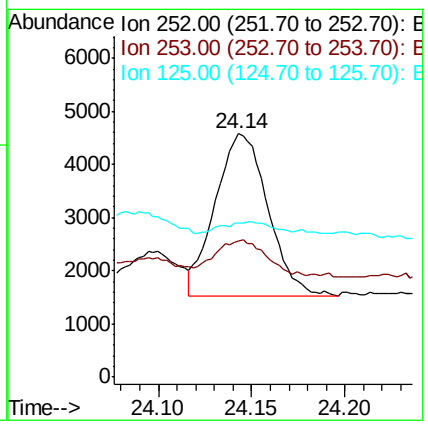


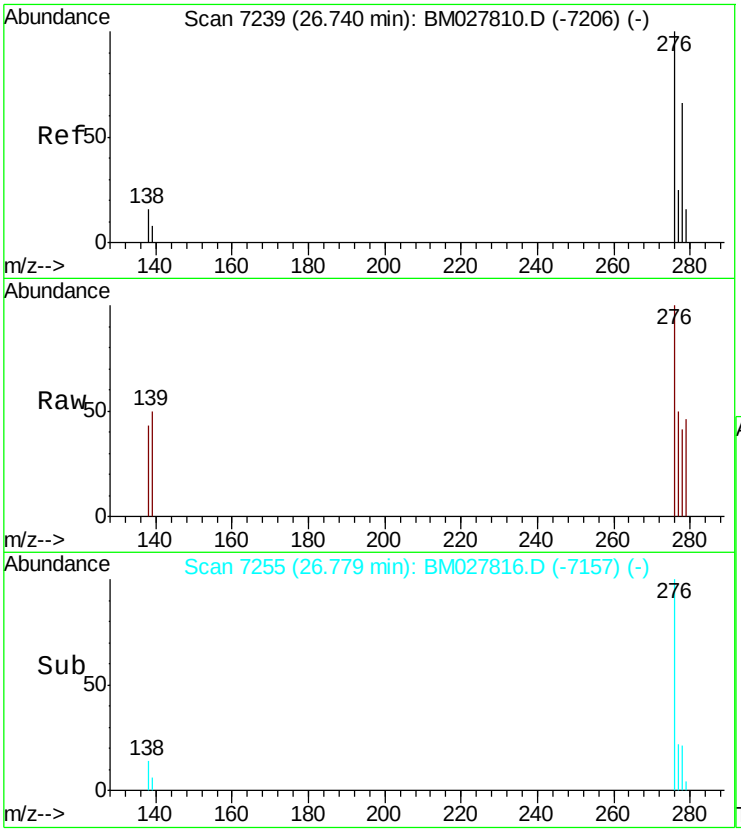


#23
Benzo(a)pyrene
Concen: 0.562 ng/ul
RT: 24.14 min Scan# 6167
Delta R.T. 0.02 min
Lab File: BM027816.D
Acq: 17 Nov 2020 13:08

Tgt Ion:252 Resp: 6019

Ion	Ratio	Lower	Upper
252	100		
253	55.8	21.0	31.6#
125	63.2	7.8	11.8#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng/ul
RT: 26.78 min Scan# 7255
Delta R.T. 0.04 min
Lab File: BM027816.D
Acq: 17 Nov 2020 13:08

Tgt Ion:276 Resp: 4956

Ion	Ratio	Lower	Upper
276	100		
138	11.0	12.1	18.1#
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
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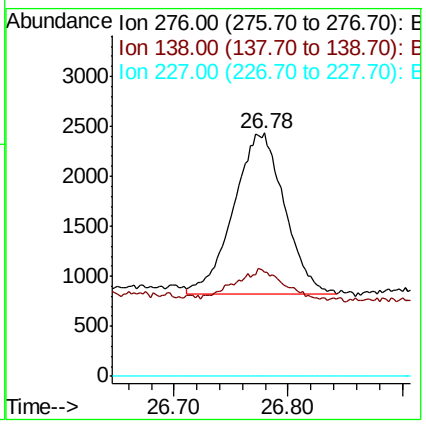
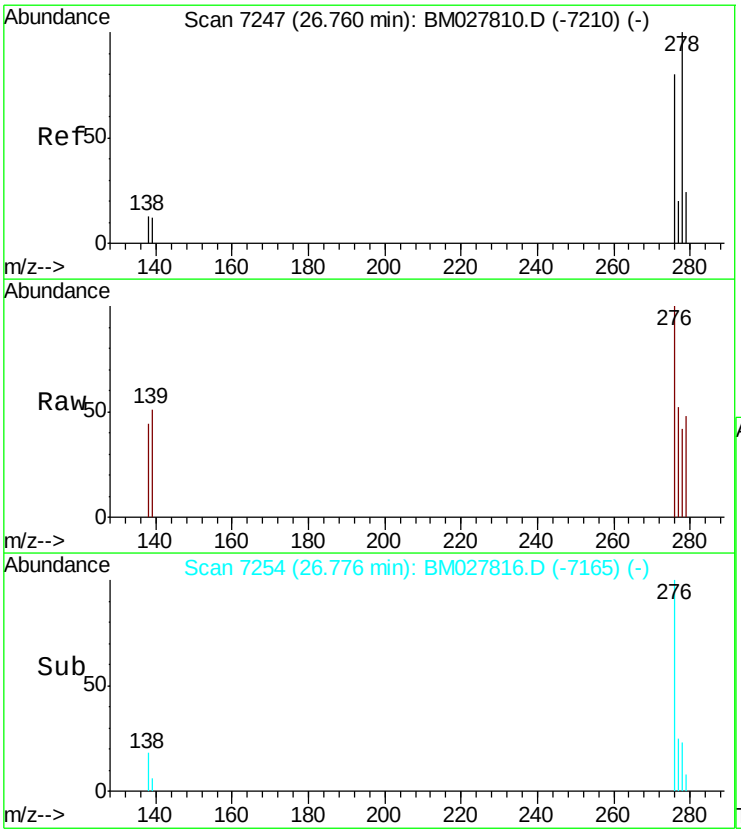
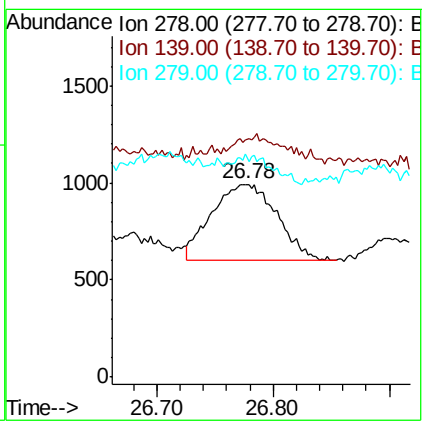


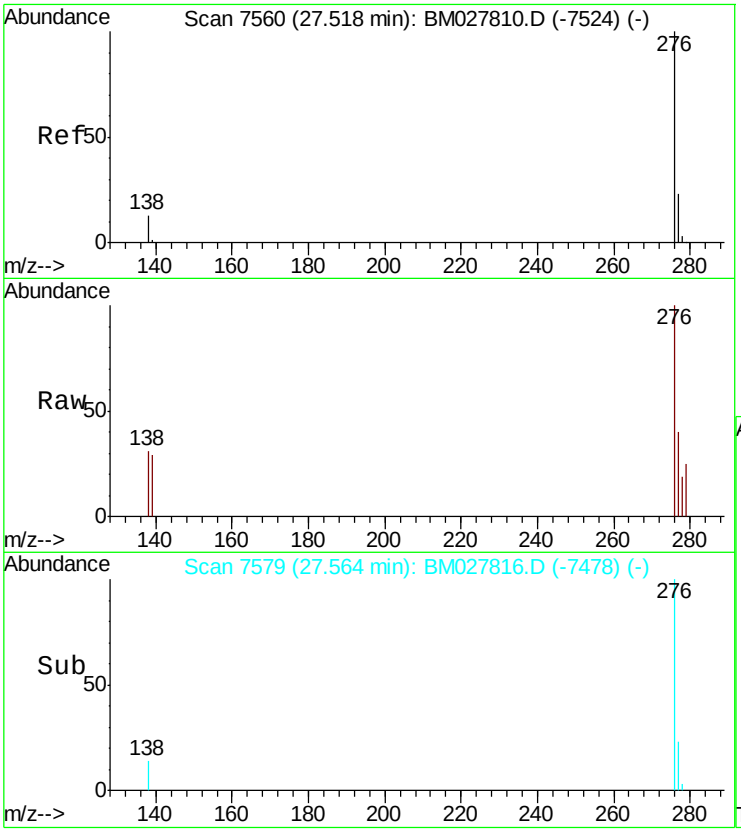


#25
Dibenzo(a,h)anthracene
Concen: 0.151 ng/ul
RT: 26.78 min Scan# 7254
Delta R.T. 0.02 min
Lab File: BM027816.D
Acq: 17 Nov 2020 13:08

Tgt Ion:278 Resp: 1539

Ion	Ratio	Lower	Upper
278	100		
139	122.9	10.2	15.4#
279	115.6	21.9	32.9#

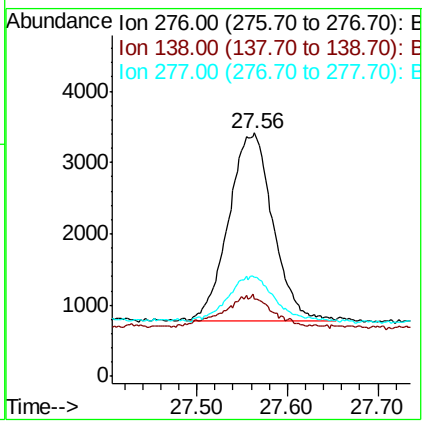




#26
Benzo(g,h,i)perylene
Concen: 0.860 ng/ul
RT: 27.56 min Scan# 7579
Delta R.T. 0.05 min
Lab File: BM027816.D
Acq: 17 Nov 2020 13:08

Tgt Ion:276 Resp: 8872

Ion	Ratio	Lower	Upper
276	100		
138	31.5	12.8	19.2#
277	40.5	21.5	32.3#



Instrument :
BNA_M
ClientSampleId :
C0AC7

Manual Integrations APPROVED
mohammad
11/19/2020 10:32:53 AM