Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022103.D
Acq On : 14 Aug 2019 12:05
Operator : HP/JU
Sample : K4304-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 14 15:03:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 13:53:23 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : CB5N6

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	821	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.37	136	3391	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.25	164	1911	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4349m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4486m	0.40	ng/ul	-0.01
20) Perylene-d12	23.42	264	4175m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	2562	0.46	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	6863m	0.47	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.42	128	17385	1.815	ng/ul#	92
5) 2-Methylnaphthalene	12.05	142	7354	1.152	ng/ul	96
7) Acenaphthylene	13.97	152	13438	1.508	ng/ul#	81
8) Acenaphthene	14.31	153	12676	1.738	ng/ul	96
9) Fluorene	15.31	166	14202	1.754	ng/ul	99
12) Phenanthrene	17.05	178	285112m	22.531	ng/ul	
13) Anthracene	17.14	178	54050m	5.007	ng/ul	
15) Fluoranthene	19.08	202	510490m	30.116	ng/ul	
17) Pyrene	19.45	202	431017	23.381	ng/ul	97
18) Benzo(a)anthracene	21.20	228	254918m	15.887	ng/ul	
19) Chrysene	21.25	228	240553	11.657	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	338601m	24.051	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	121405m	7.620	ng/ul	
23) Benzo(a)pyrene	23.33	252	226421	15.814	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.63	276	156239	9.139	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.64	278	43765m	3.167	ng/ul	
26) Benzo(g,h,i)perylene	26.31	276	128641	8.358	ng/ul	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022103.D
Acq On : 14 Aug 2019 12:05
Operator : HP/JU
Sample : K4304-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 14 15:03:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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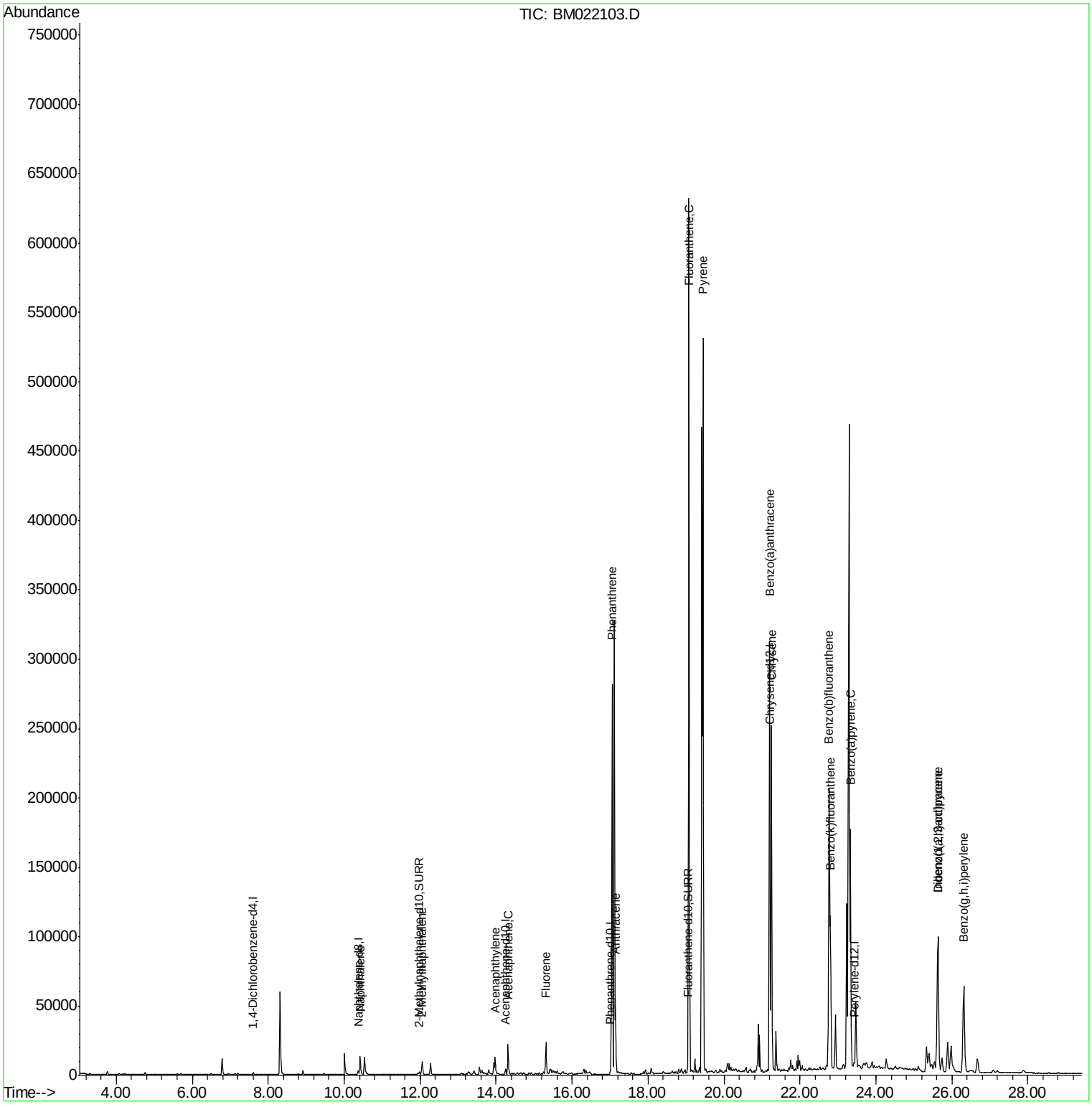

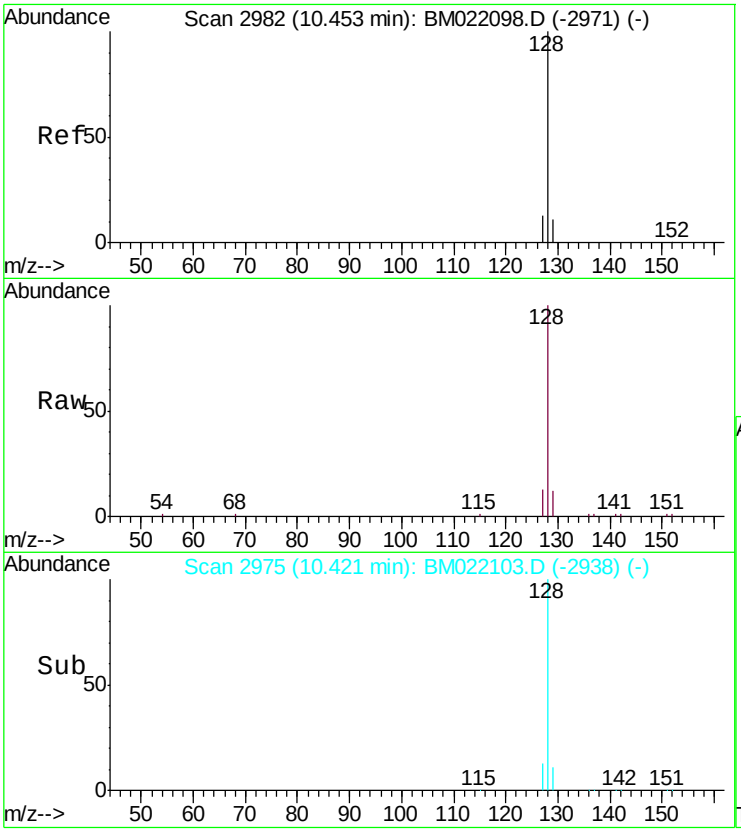

#3
Naphthalene
Concen: 1.815 ng/ul
RT: 10.42 min Scan# 2975
Delta R.T. -0.03 min
Lab File: BM022103.D
Acq: 14 Aug 2019 12:05

Tgt Ion:128 Resp: 17385

Ion	Ratio	Lower	Upper
128	100		
129	11.6	12.3	18.5#
127	13.2	13.0	19.6

Instrument :
BNA_M
ClientSampleId :
CB5N6

Manual Integrations APPROVED
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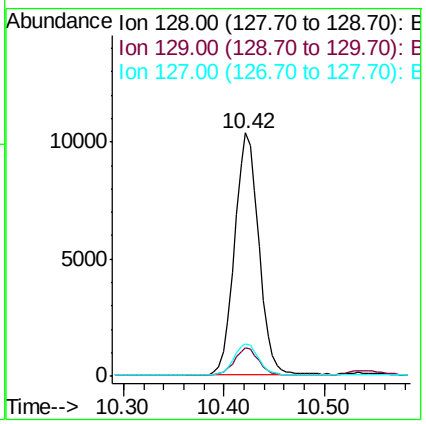
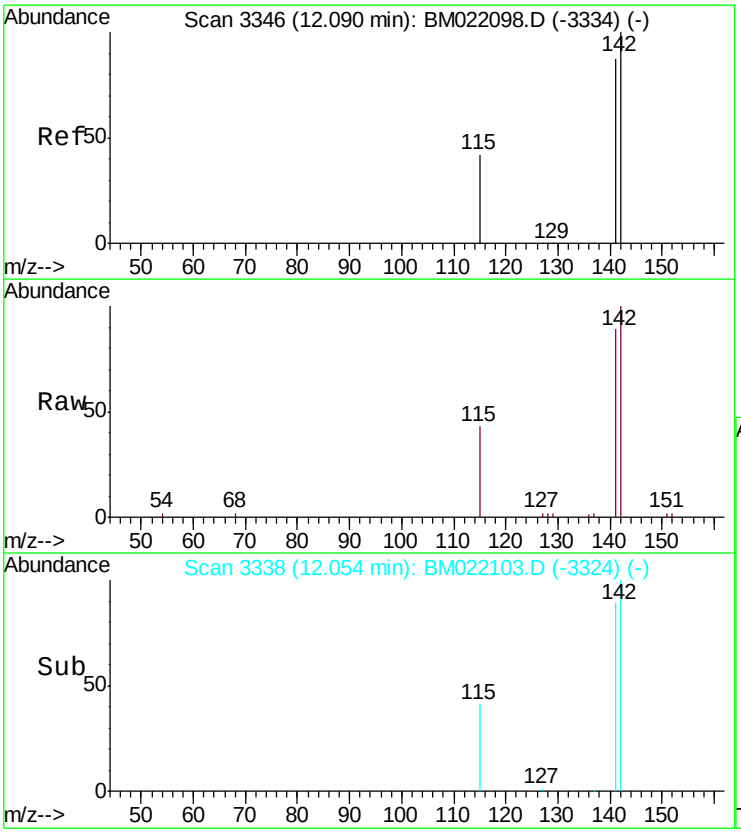
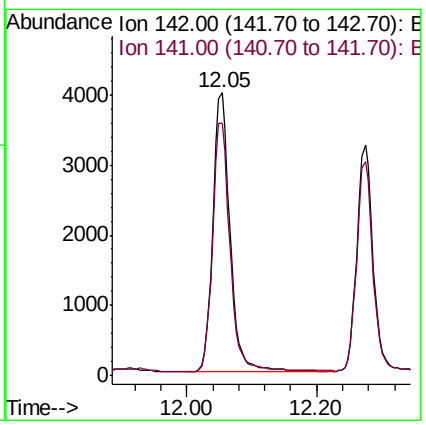


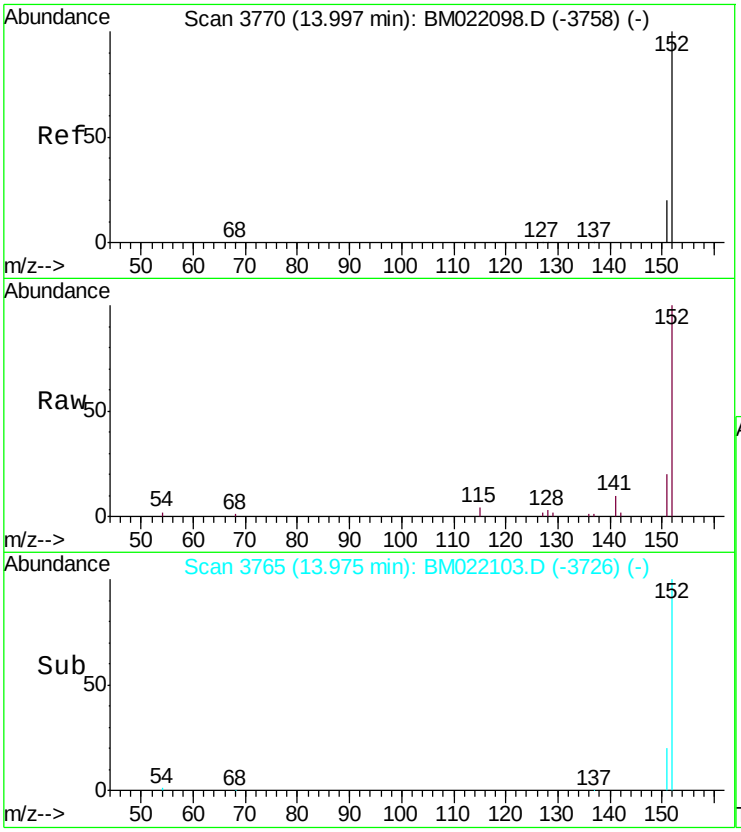


#5
2-Methylnaphthalene
Concen: 1.152 ng/ul
RT: 12.05 min Scan# 3338
Delta R.T. -0.04 min
Lab File: BM022103.D
Acq: 14 Aug 2019 12:05

Tgt Ion:142 Resp: 7354

Ion	Ratio	Lower	Upper
142	100		
141	89.4	74.3	111.5

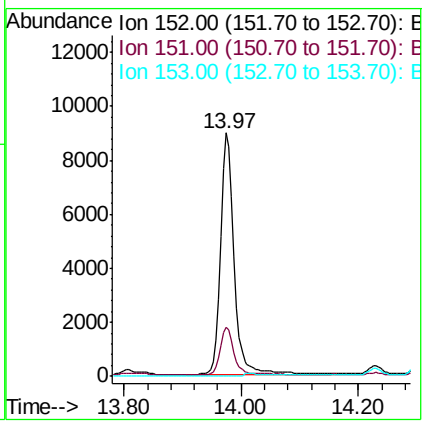




#7
Acenaphthylene
Concen: 1.508 ng/ul
RT: 13.97 min Scan# 3765
Delta R.T. -0.02 min
Lab File: BM022103.D
Acq: 14 Aug 2019 12:05

Tgt Ion:152 Resp: 13438

Ion	Ratio	Lower	Upper
152	100		
151	20.3	18.3	27.5
153	0.0	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
CB5N6

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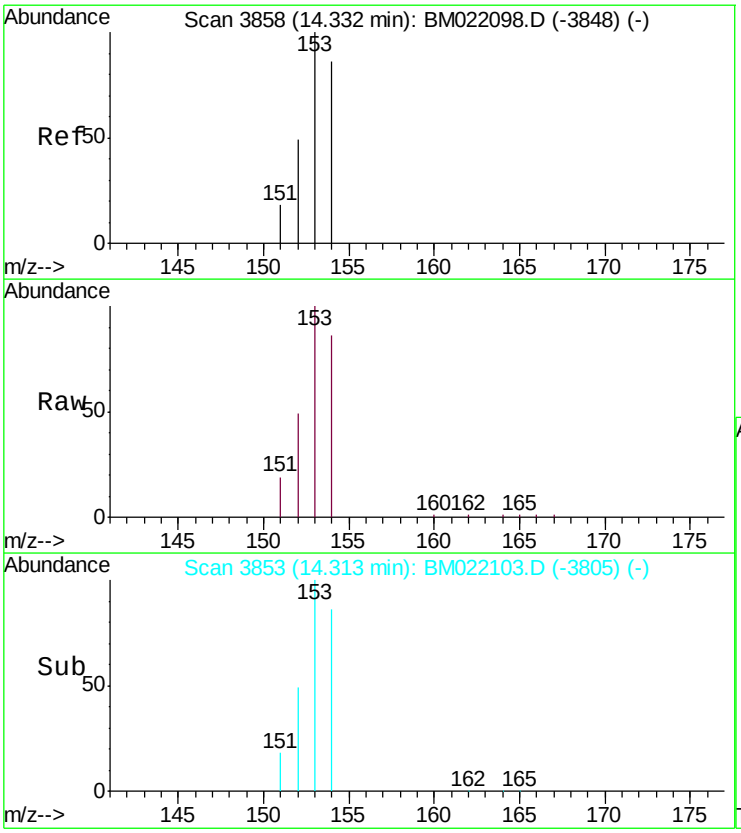
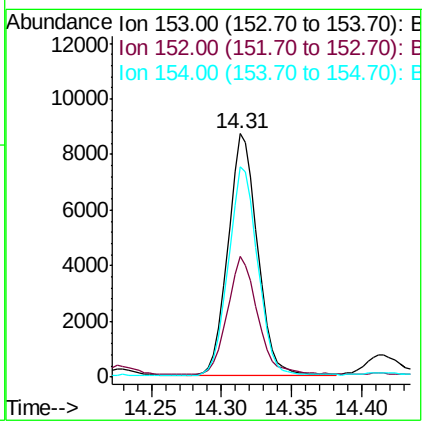
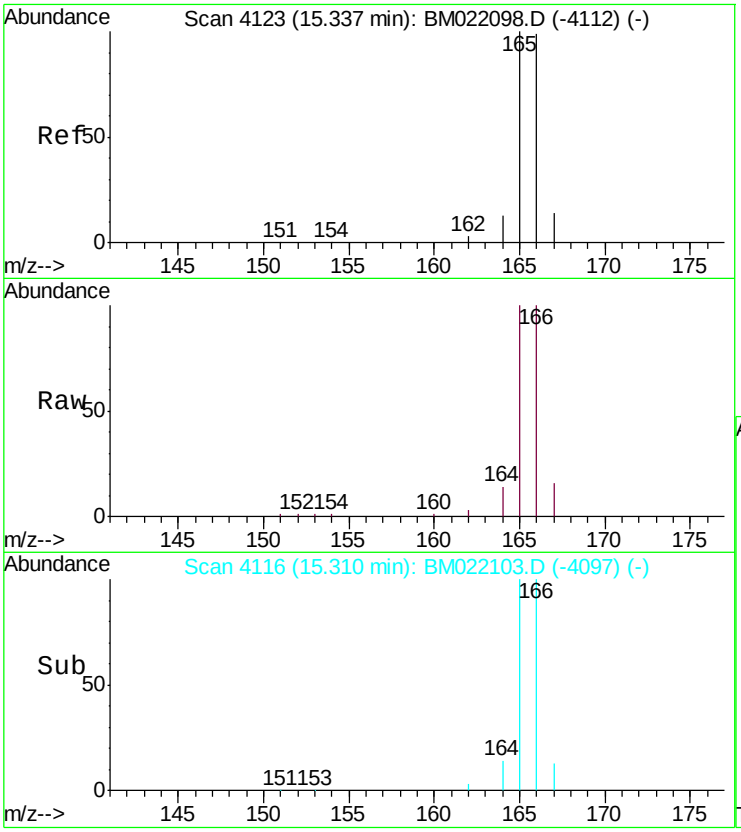


#8
Acenaphthene
Concen: 1.738 ng/ul
RT: 14.31 min Scan# 3853
Delta R.T. -0.02 min
Lab File: BM022103.D
Acq: 14 Aug 2019 12:05

Tgt Ion:153 Resp: 12676

Ion	Ratio	Lower	Upper
153	100		
152	49.5	41.3	61.9
154	86.3	72.3	108.5

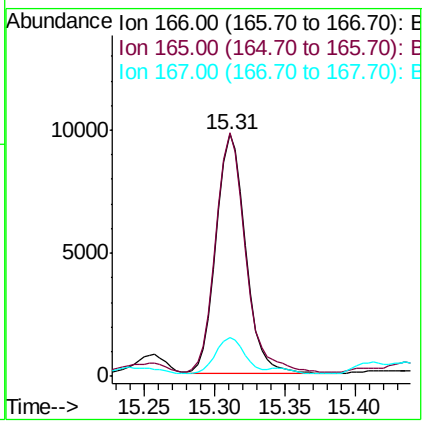




#9
Fluorene
Concen: 1.754 ng/ul
RT: 15.31 min Scan# 4116
Delta R.T. -0.03 min
Lab File: BM022103.D
Acq: 14 Aug 2019 12:05

Tgt Ion:166 Resp: 14202

Ion	Ratio	Lower	Upper
166	100		
165	100.5	81.4	122.0
167	16.1	13.7	20.5



Instrument :
BNA_M
ClientSampleId :
CB5N6

Manual Integrations APPROVED
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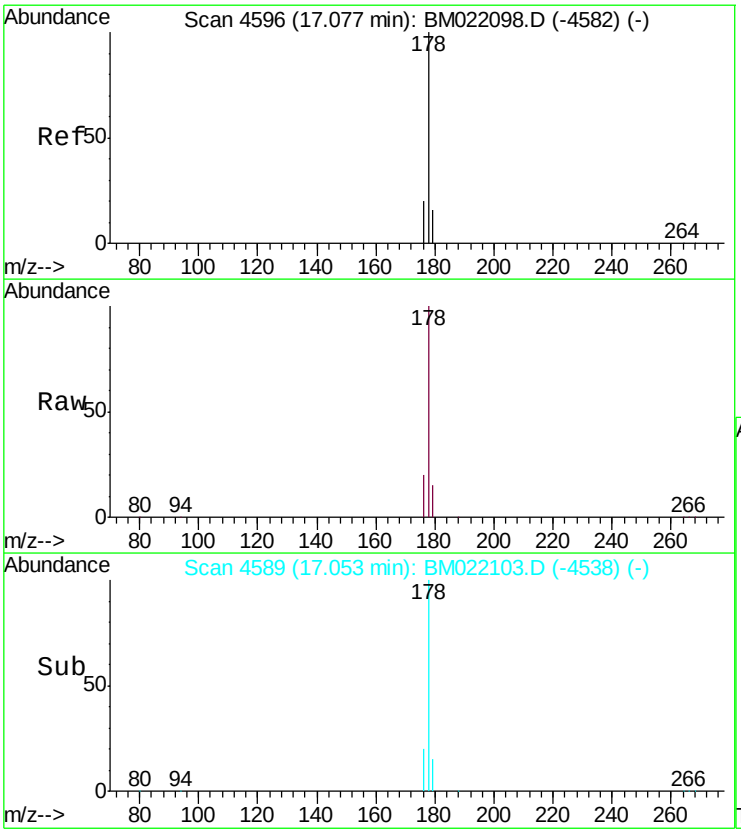
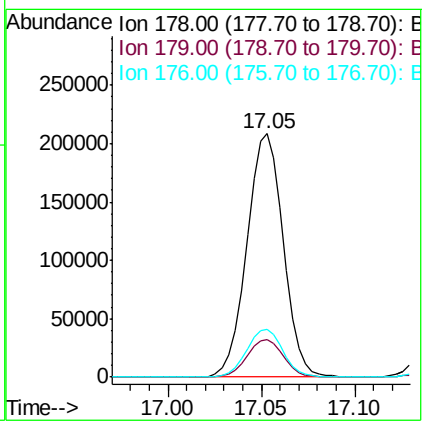
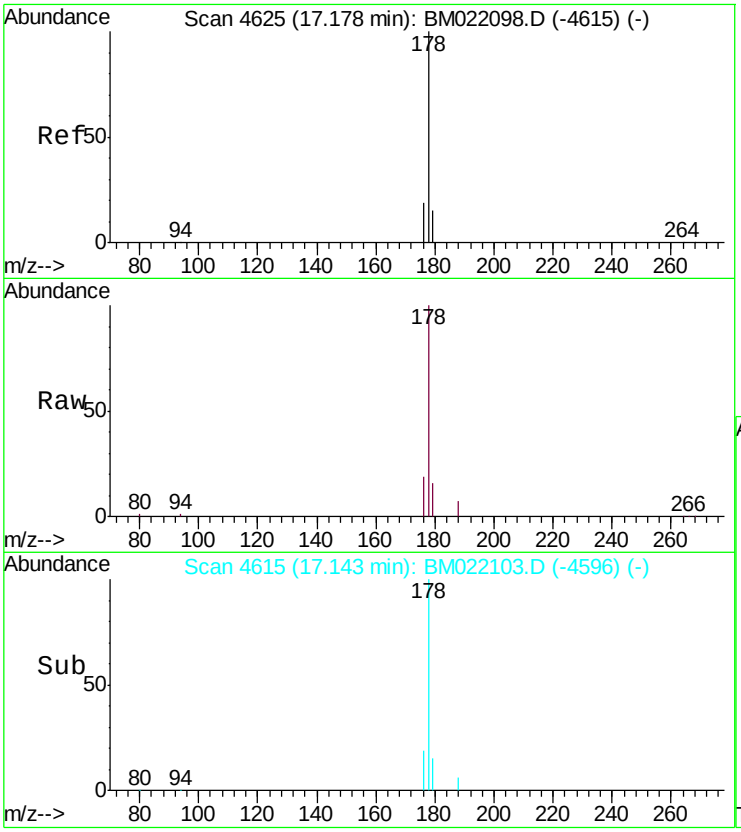


#12
Phenanthrene
Concen: 22.531 ng/ul m
RT: 17.05 min Scan# 4589
Delta R.T. -0.02 min
Lab File: BM022103.D
Acq: 14 Aug 2019 12:05

Tgt Ion:178 Resp: 285112

Ion	Ratio	Lower	Upper
178	100		
179	15.4	14.2	21.2
176	19.6	16.8	25.2

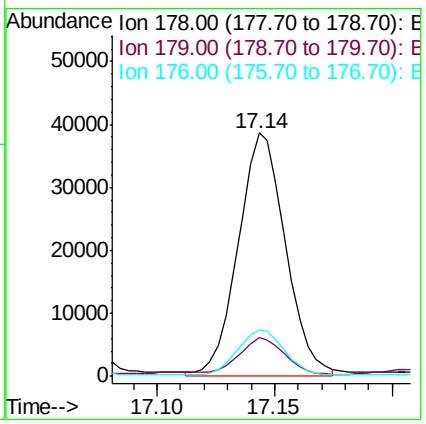




#13
Anthracene
Concen: 5.007 ng/ul m
RT: 17.14 min Scan# 4615
Delta R.T. -0.03 min
Lab File: BM022103.D
Acq: 14 Aug 2019 12:05

Tgt Ion:178 Resp: 54050

Ion	Ratio	Lower	Upper
178	100		
179	15.7	15.5	23.3
176	19.2	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
CB5N6

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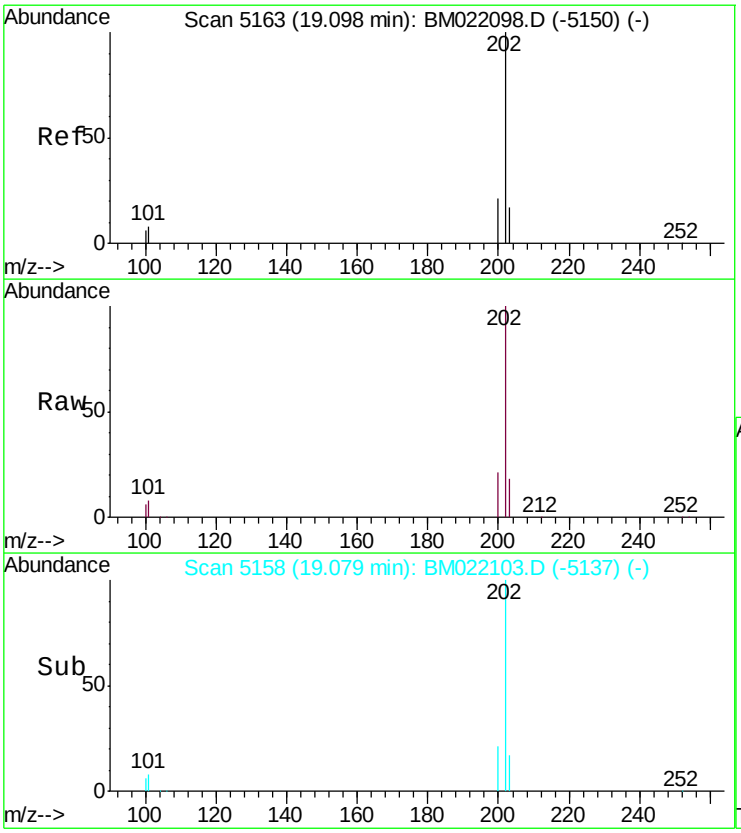
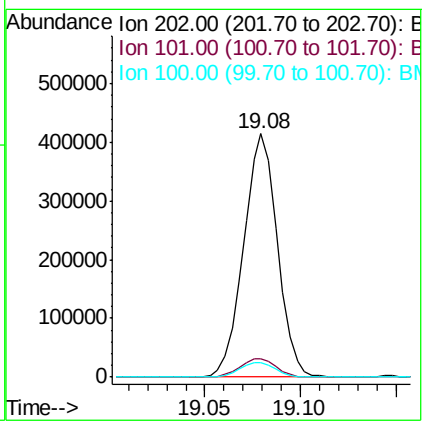
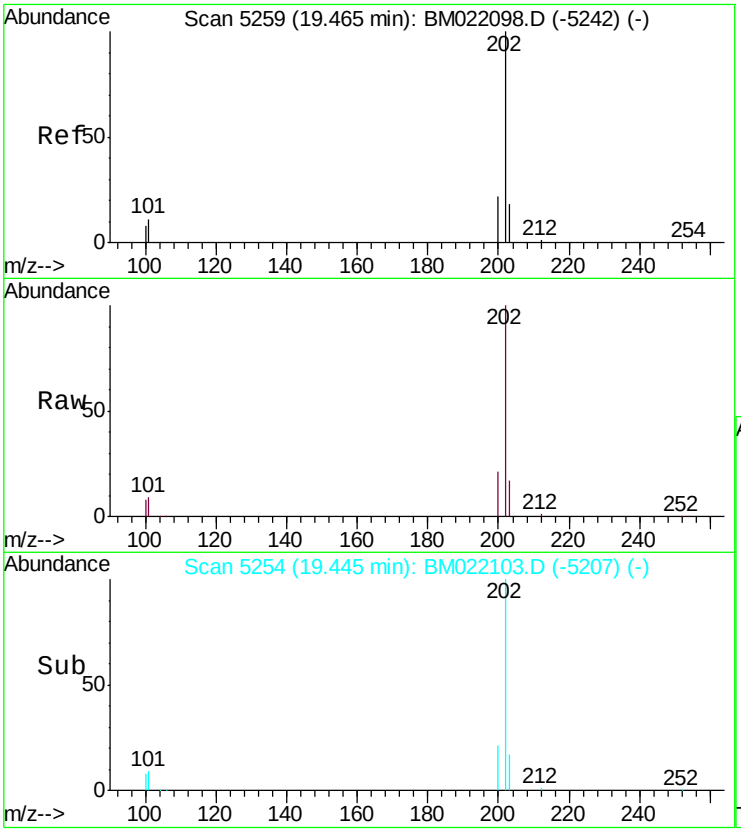


#15
Fluoranthene
Concen: 30.116 ng/ul m
RT: 19.08 min Scan# 5158
Delta R.T. -0.02 min
Lab File: BM022103.D
Acq: 14 Aug 2019 12:05

Tgt Ion:202 Resp: 510490

Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	30.2
100	6.0	0.0	28.1

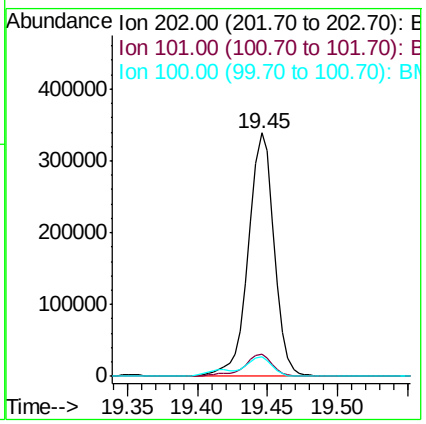




#17
Pyrene
Concen: 23.381 ng/ul
RT: 19.45 min Scan# 5254
Delta R.T. -0.02 min
Lab File: BM022103.D
Acq: 14 Aug 2019 12:05

Tgt Ion:202 Resp: 431017

Ion	Ratio	Lower	Upper
202	100		
101	9.3	8.3	12.5
100	7.8	7.2	10.8



Instrument :
BNA_M
ClientSampleId :
CB5N6

Manual Integrations APPROVED
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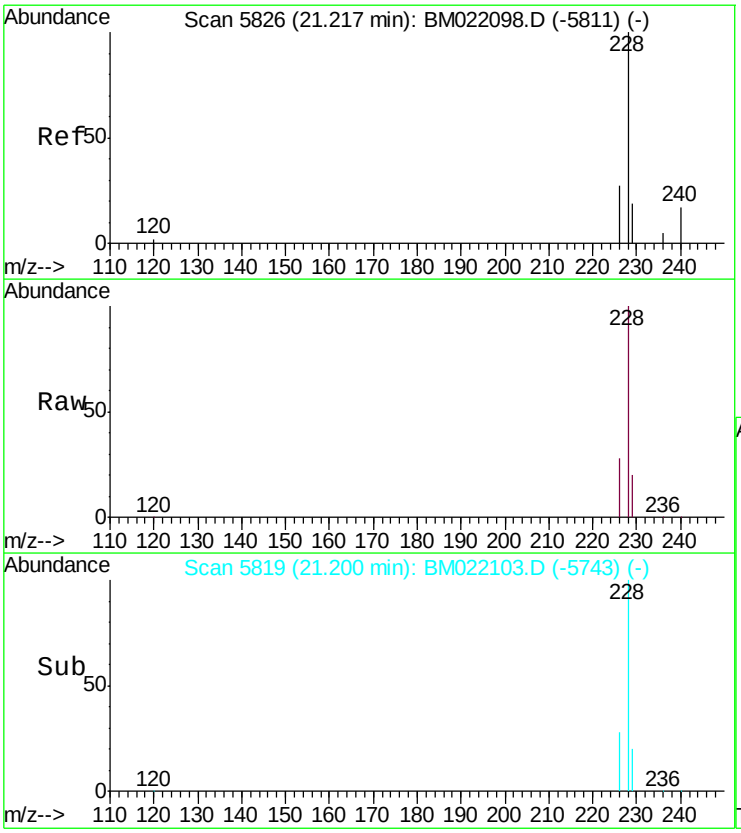
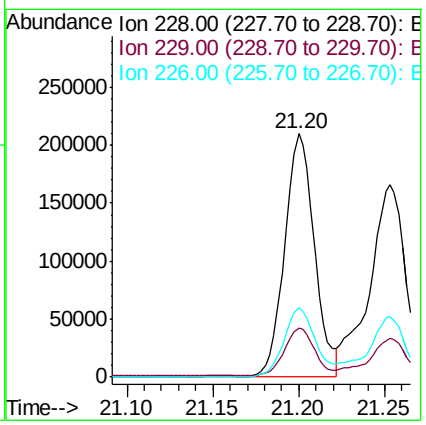
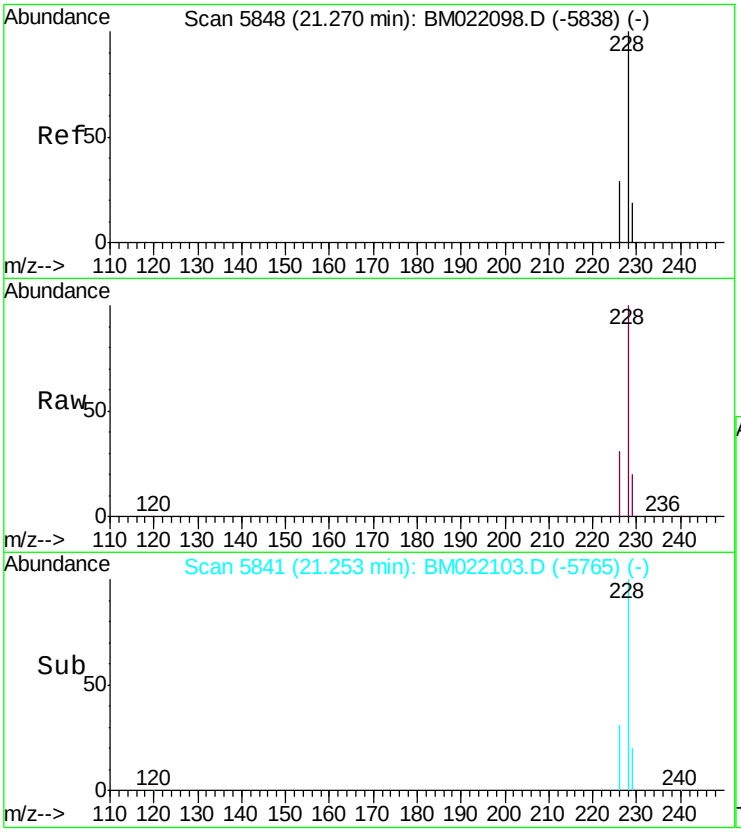


#18
Benzo(a)anthracene
Concen: 15.887 ng/ul m
RT: 21.20 min Scan# 5819
Delta R.T. -0.02 min
Lab File: BM022103.D
Acq: 14 Aug 2019 12:05

Tgt Ion:228 Resp: 254918

Ion	Ratio	Lower	Upper
228	100		
229	20.2	17.2	25.8
226	28.4	22.6	34.0

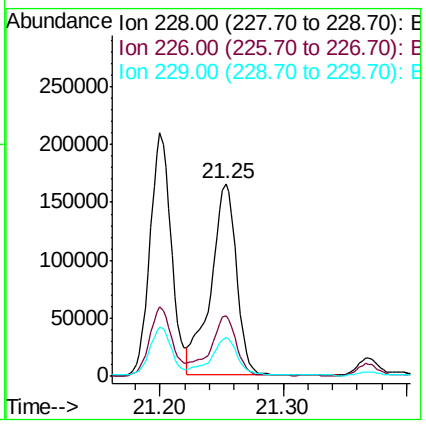




#19
Chrysene
Concen: 11.657 ng/ul
RT: 21.25 min Scan# 5841
Delta R.T. -0.02 min
Lab File: BM022103.D
Acq: 14 Aug 2019 12:05

Tgt Ion:228 Resp: 240553

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	20.0	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
CB5N6

Manual Integrations APPROVED
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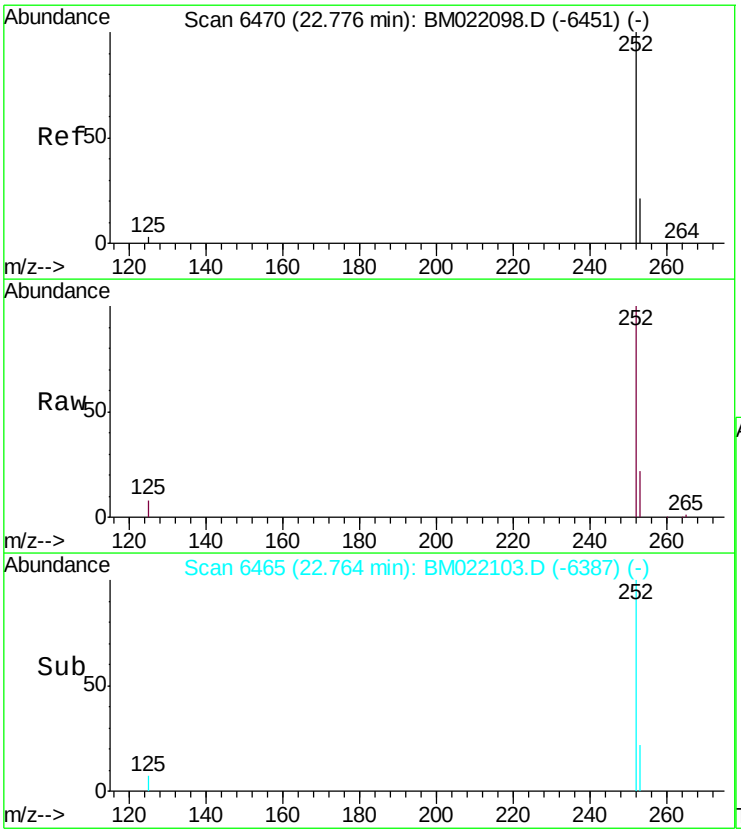
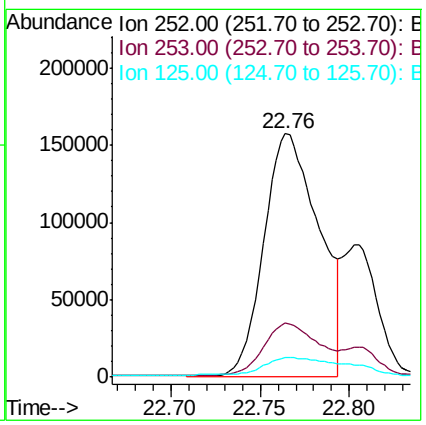
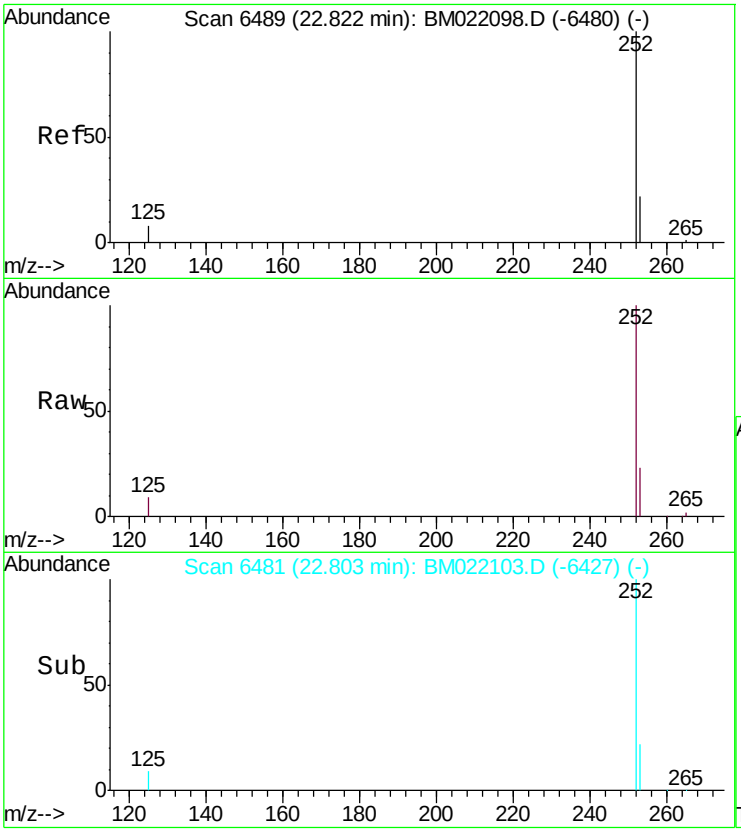


#21
Benzo(b)fluoranthene
Concen: 24.051 ng/ul m
RT: 22.76 min Scan# 6465
Delta R.T. -0.01 min
Lab File: BM022103.D
Acq: 14 Aug 2019 12:05

Tgt Ion:252 Resp: 338601

Ion	Ratio	Lower	Upper
252	100		
253	22.2	0.0	67.4
125	7.9	0.0	31.0





#22
Benzo(k)fluoranthene
Concen: 7.620 ng/ul m
RT: 22.80 min Scan# 6481
Delta R.T. -0.02 min
Lab File: BM022103.D
Acq: 14 Aug 2019 12:05

Tgt Ion:252 Resp: 121405

Ion	Ratio	Lower	Upper
252	100		
253	22.6	27.0	40.4#
125	9.4	12.2	18.2#

Instrument :
BNA_M
ClientSampleId :
CB5N6

Manual Integrations APPROVED
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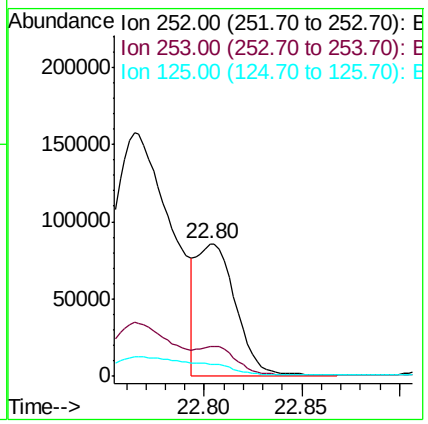
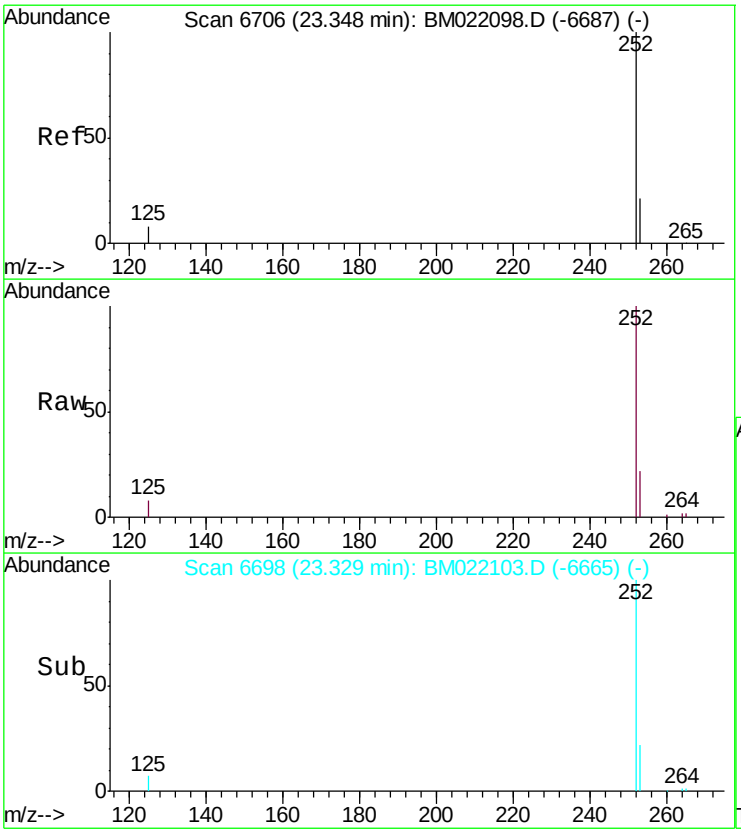
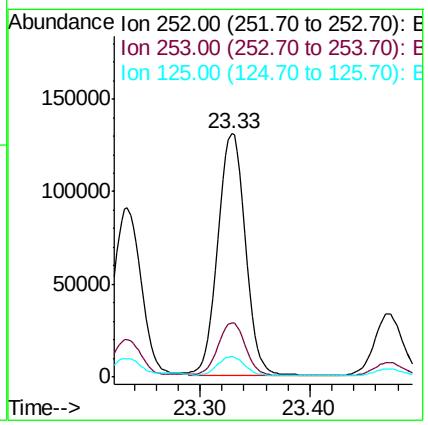


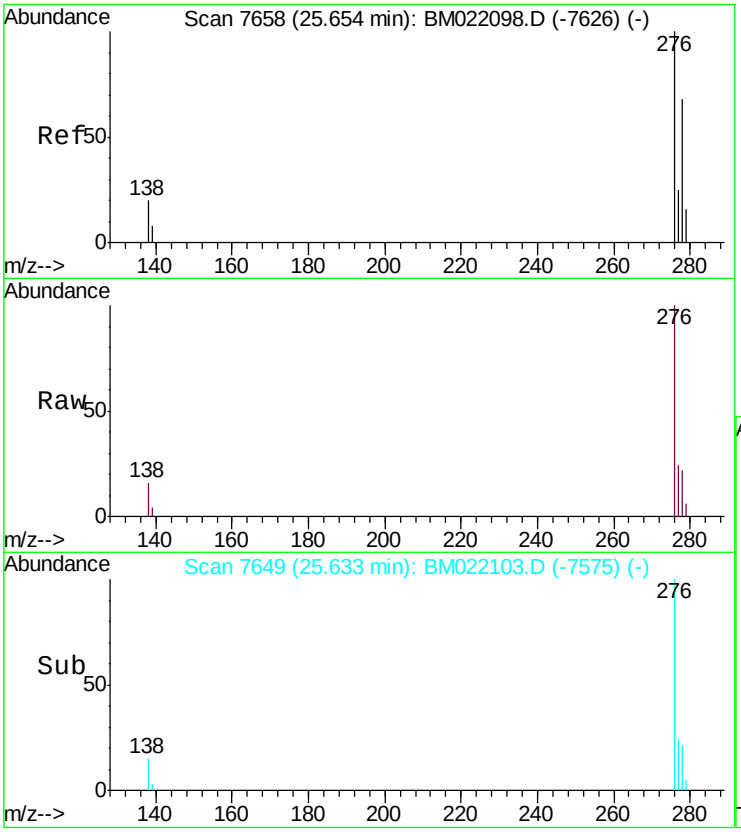


#23
Benzo(a)pyrene
Concen: 15.814 ng/ul
RT: 23.33 min Scan# 6698
Delta R.T. -0.02 min
Lab File: BM022103.D
Acq: 14 Aug 2019 12:05

Tgt Ion:252 Resp: 226421

Ion	Ratio	Lower	Upper
252	100		
253	22.3	31.7	47.5#
125	8.3	14.6	21.8#





#24
Indeno(1,2,3-cd)pyrene
Concen: 9.139 ng/ul
RT: 25.63 min Scan# 7649
Delta R.T. -0.02 min
Lab File: BM022103.D
Acq: 14 Aug 2019 12:05

Tgt Ion:276 Resp: 156239

Ion	Ratio	Lower	Upper
276	100		
138	15.9	15.1	22.7
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
CB5N6

Manual Integrations APPROVED
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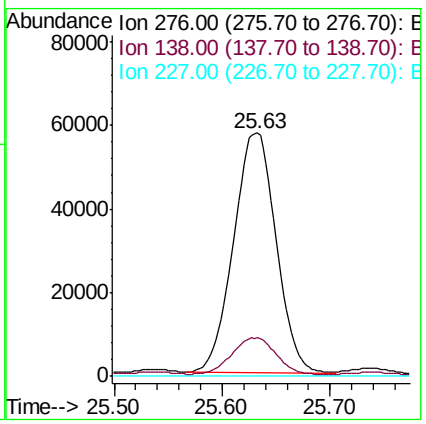
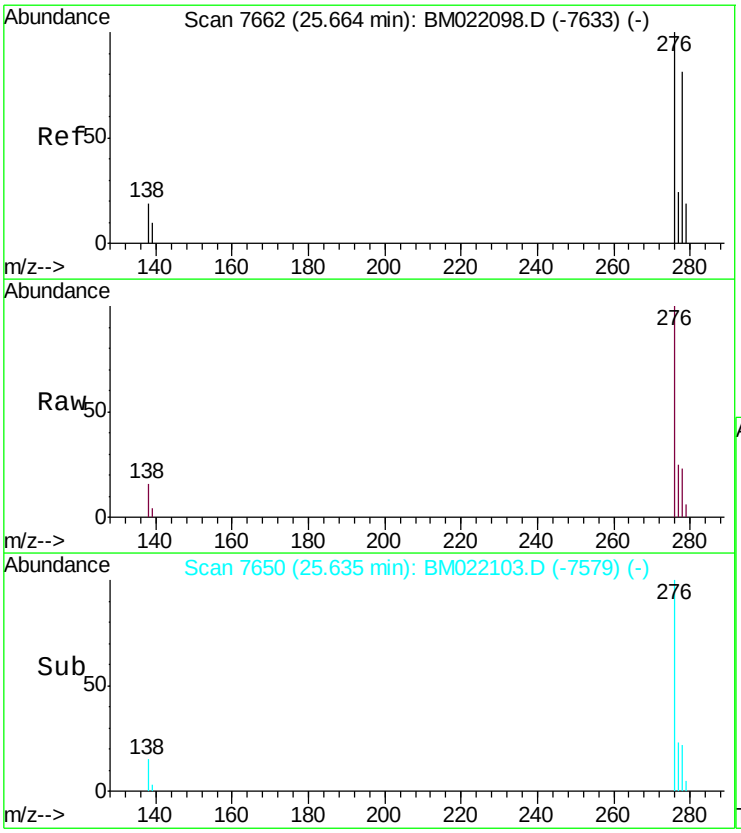
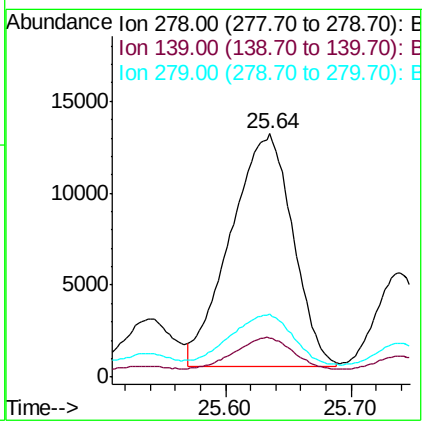


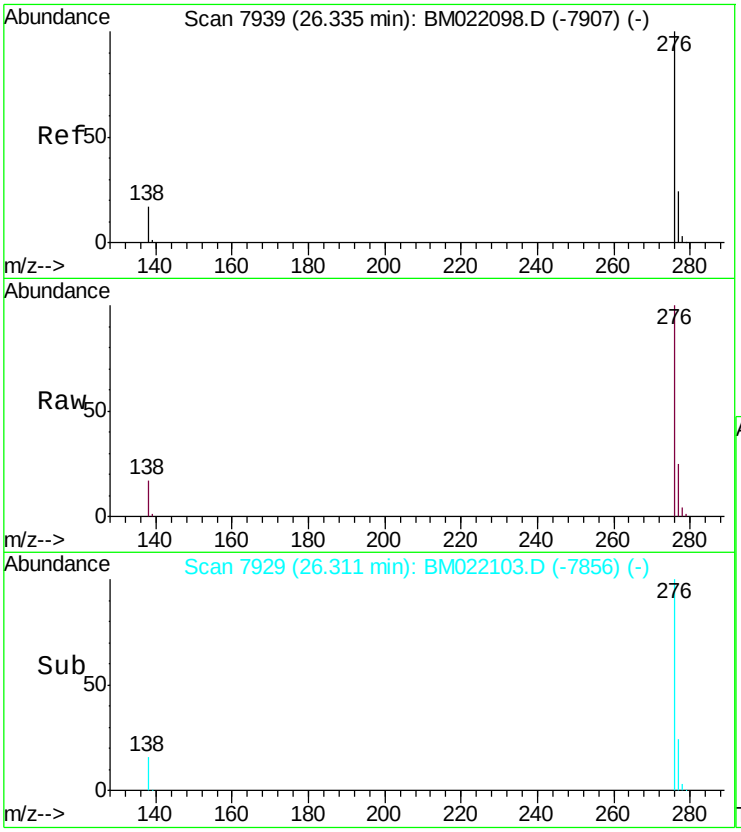


#25
Dibenzo(a,h)anthracene
Concen: 3.167 ng/ul m
RT: 25.64 min Scan# 7650
Delta R.T. -0.03 min
Lab File: BM022103.D
Acq: 14 Aug 2019 12:05

Tgt Ion:278 Resp: 43765

Ion	Ratio	Lower	Upper
278	100		
139	16.0	14.2	21.2
279	25.8	28.3	42.5#

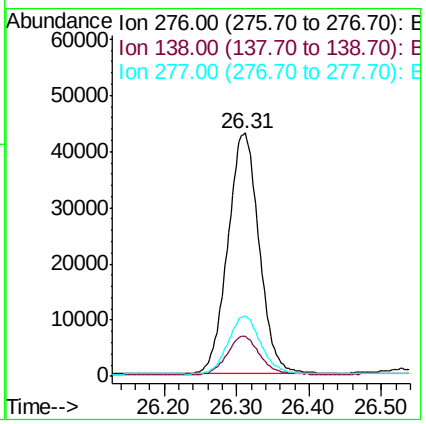




#26
Benzo(g,h,i)perylene
Concen: 8.358 ng/ul
RT: 26.31 min Scan# 7929
Delta R.T. -0.02 min
Lab File: BM022103.D
Acq: 14 Aug 2019 12:05

Tgt Ion:276 Resp: 128641

Ion	Ratio	Lower	Upper
276	100		
138	16.5	15.5	23.3
277	24.6	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
CB5N6

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:50 PM