Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022131.D
Acq On : 15 Aug 2019 06:25
Operator : HP/JU
Sample : K4304-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 15 13:02:53 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 : CB5P2

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	923	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.37	136	3835	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.25	164	1996	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4407m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.21	240	4277m	0.40	ng/ul	-0.02
20) Perylene-d12	23.42	264	4342m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	2182	0.35	ng/ul	-0.03
14) Fluoranthene-d10	19.04	212	5318m	0.36	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.42	128	8628	0.797	ng/ul#	93
5) 2-Methylnaphthalene	12.05	142	4038	0.559	ng/ul	96
7) Acenaphthylene	13.97	152	7029	0.755	ng/ul#	82
8) Acenaphthene	14.31	153	6113	0.803	ng/ul	96
9) Fluorene	15.31	166	7697	0.910	ng/ul	98
12) Phenanthrene	17.05	178	168590m	13.147	ng/ul	
13) Anthracene	17.14	178	29635m	2.709	ng/ul	
15) Fluoranthene	19.08	202	279877m	16.294	ng/ul	
17) Pyrene	19.44	202	241122	13.719	ng/ul	98
18) Benzo(a)anthracene	21.19	228	136191m	8.902	ng/ul	
19) Chrysene	21.25	228	144817	7.360	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	196037m	13.389	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	65808m	3.972	ng/ul	
23) Benzo(a)pyrene	23.32	252	124724	8.376	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.62	276	89889	5.056	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.62	278	26097m	1.816	ng/ul	
26) Benzo(g,h,i)perylene	26.30	276	81613	5.099	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 : BM022131.D
Acq On : 15 Aug 2019 06:25
Operator : HP/JU
Sample : K4304-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 15 13:02:53 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 :
CB5P2

Manual Integrations APPROVED
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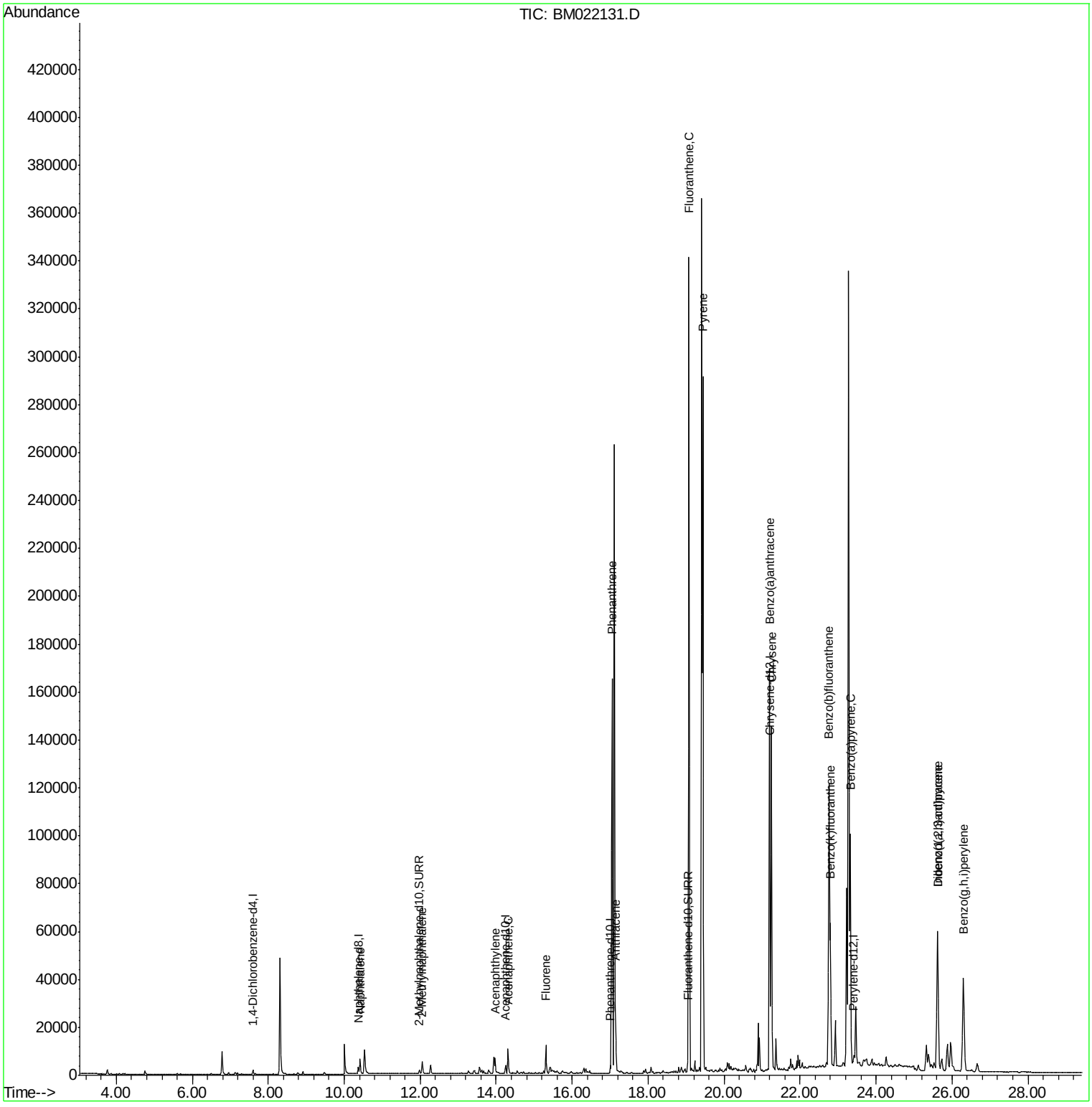

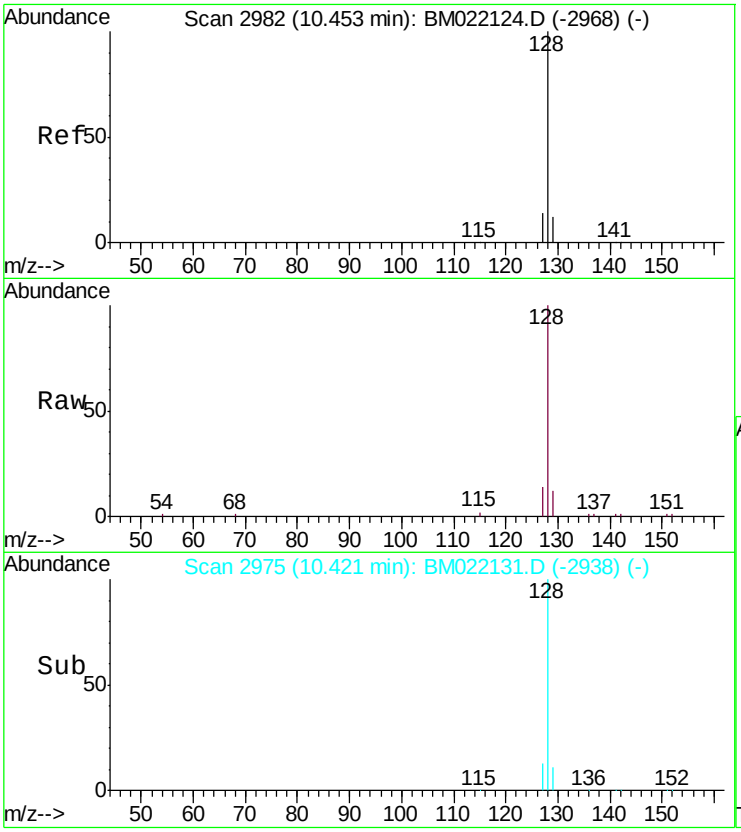

#3
Naphthalene
Concen: 0.797 ng/ul
RT: 10.42 min Scan# 2975
Delta R.T. -0.03 min
Lab File: BM022131.D
Acq: 15 Aug 2019 06:25

Tgt Ion:128 Resp: 8628

Ion	Ratio	Lower	Upper
128	100		
129	11.9	12.3	18.5#
127	13.6	13.0	19.6

Instrument :
BNA_M
ClientSampleId :
CB5P2

Manual Integrations APPROVED
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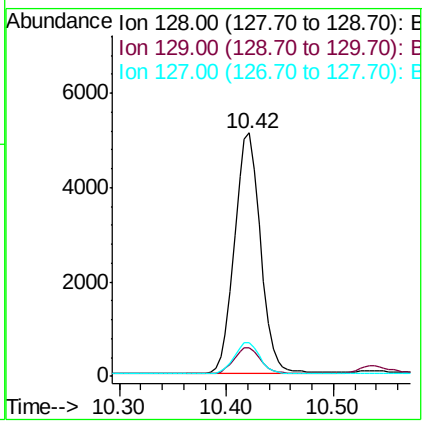
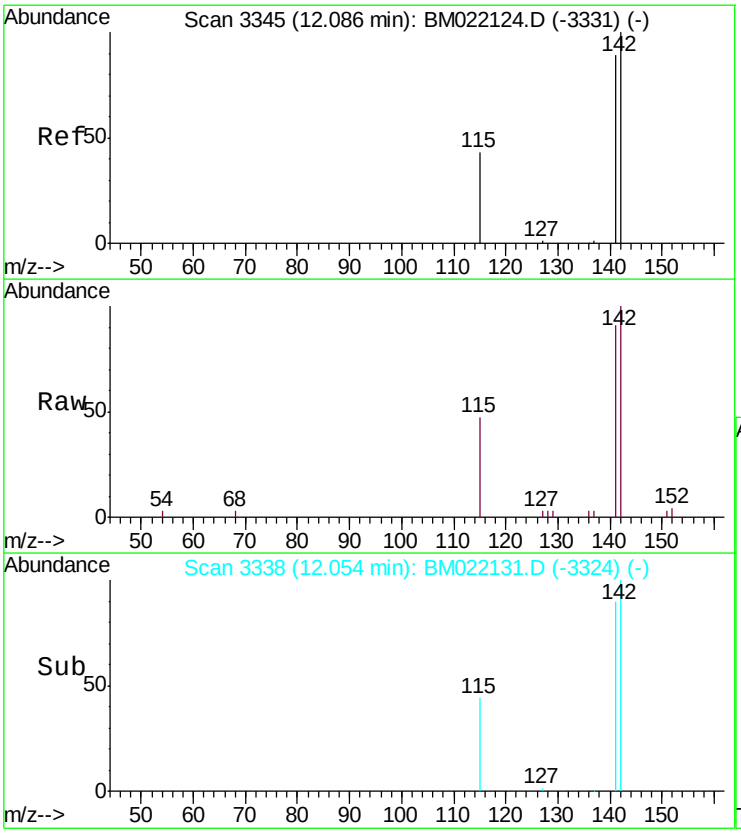
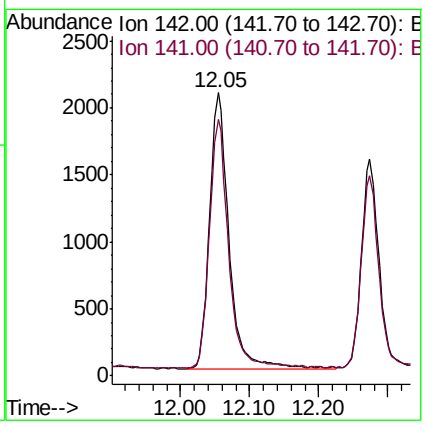


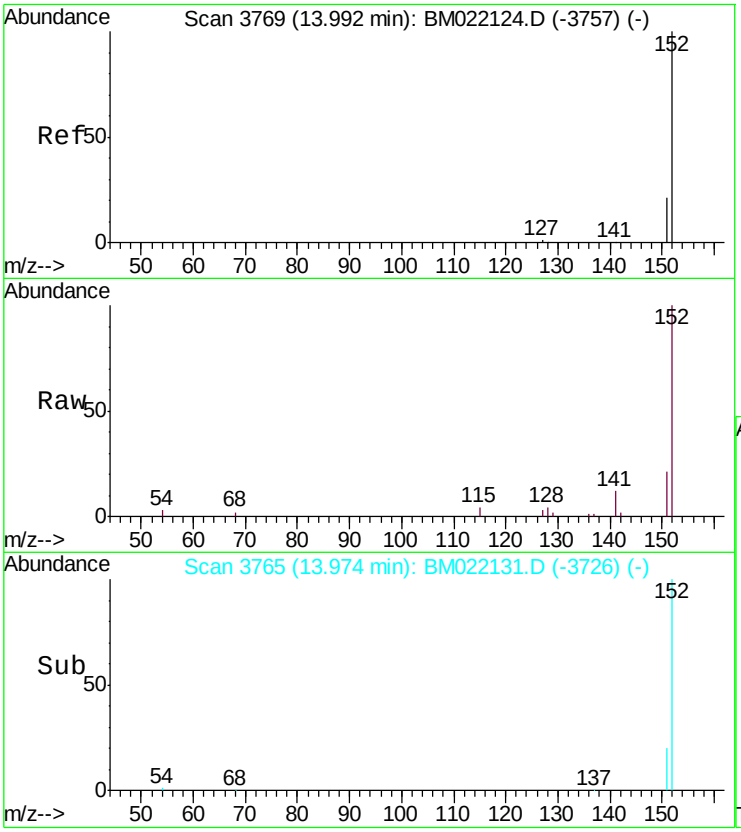


#5
2-Methylnaphthalene
Concen: 0.559 ng/ul
RT: 12.05 min Scan# 3338
Delta R.T. -0.04 min
Lab File: BM022131.D
Acq: 15 Aug 2019 06:25

Tgt Ion:142 Resp: 4038

Ion	Ratio	Lower	Upper
142	100		
141	89.5	74.3	111.5





#7
Acenaphthylene
Concen: 0.755 ng/ul
RT: 13.97 min Scan# 3765
Delta R.T. -0.02 min
Lab File: BM022131.D
Acq: 15 Aug 2019 06:25

Tgt Ion:152 Resp: 7029

Ion	Ratio	Lower	Upper
152	100		
151	21.2	18.3	27.5
153	0.0	12.8	19.2#

Instrument :
BNA_M
ClientSampleId :
CB5P2

Manual Integrations APPROVED
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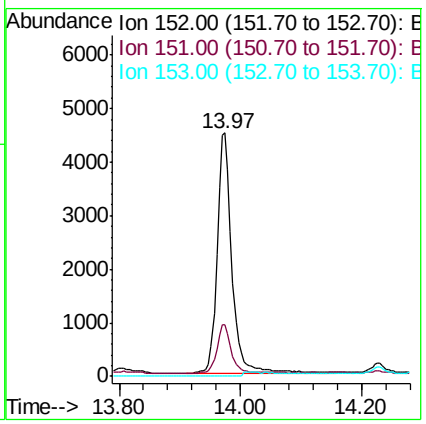
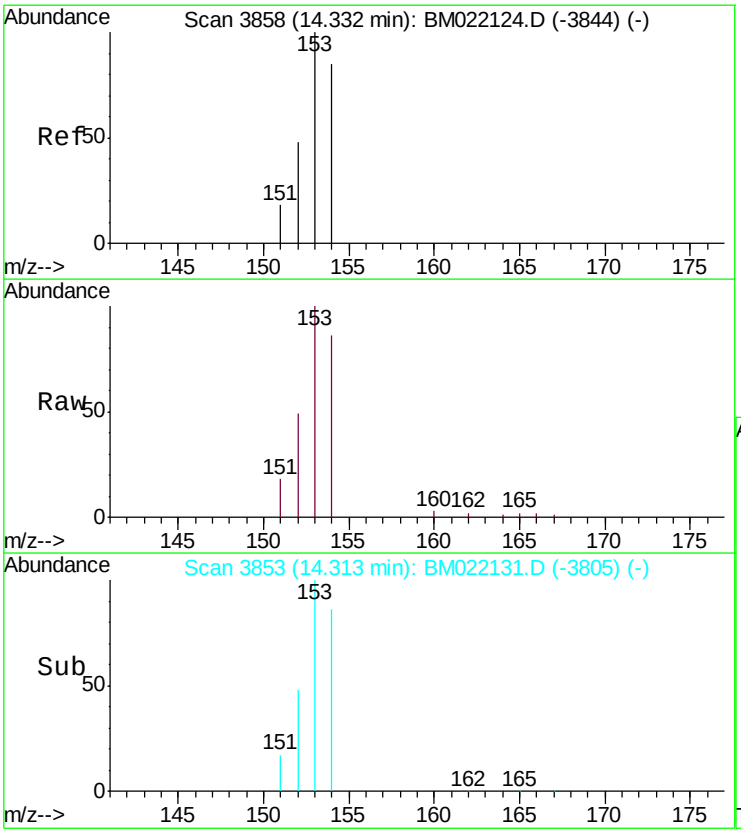
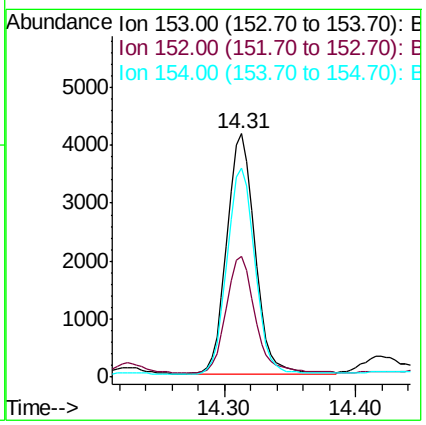


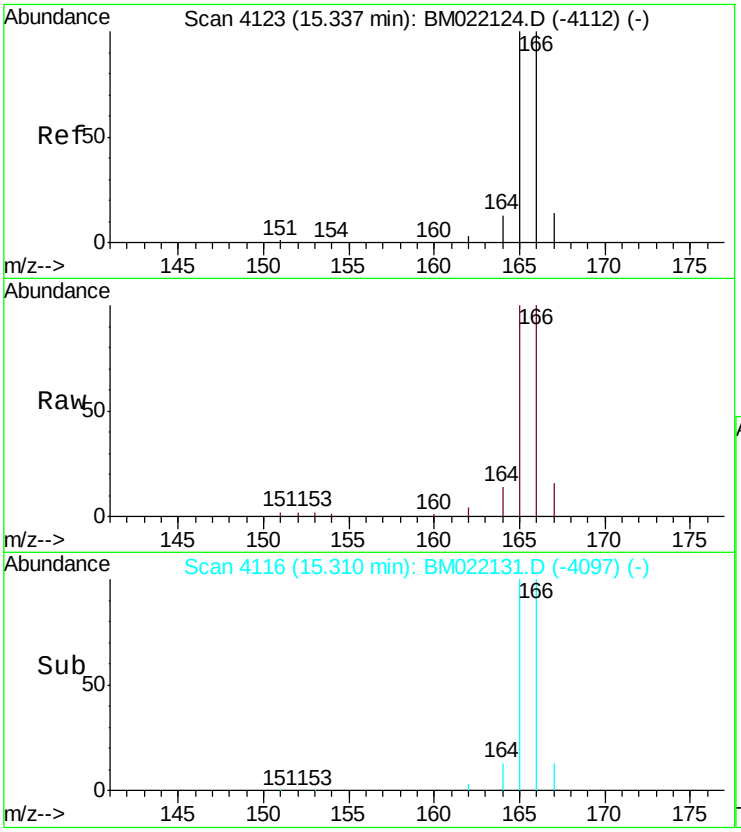


#8
Acenaphthene
Concen: 0.803 ng/ul
RT: 14.31 min Scan# 3853
Delta R.T. -0.02 min
Lab File: BM022131.D
Acq: 15 Aug 2019 06:25

Tgt Ion:153 Resp: 6113

Ion	Ratio	Lower	Upper
153	100		
152	49.4	41.3	61.9
154	85.9	72.3	108.5

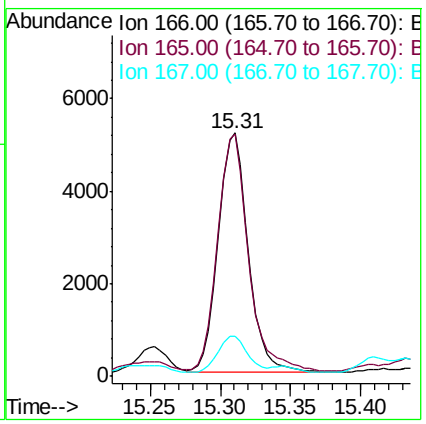




#9
Fluorene
Concen: 0.910 ng/ul
RT: 15.31 min Scan# 4116
Delta R.T. -0.03 min
Lab File: BM022131.D
Acq: 15 Aug 2019 06:25

Tgt Ion:166 Resp: 7697

Ion	Ratio	Lower	Upper
166	100		
165	99.7	81.4	122.0
167	16.3	13.7	20.5



Instrument :
BNA_M
ClientSampleId :
CB5P2

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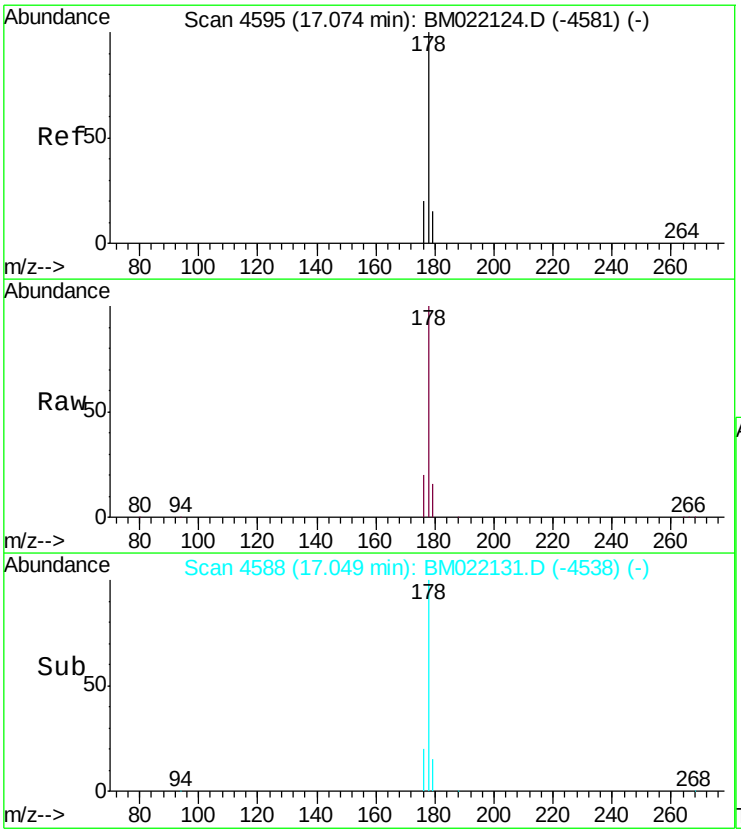
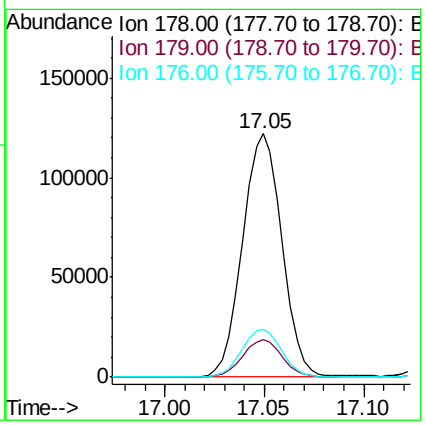
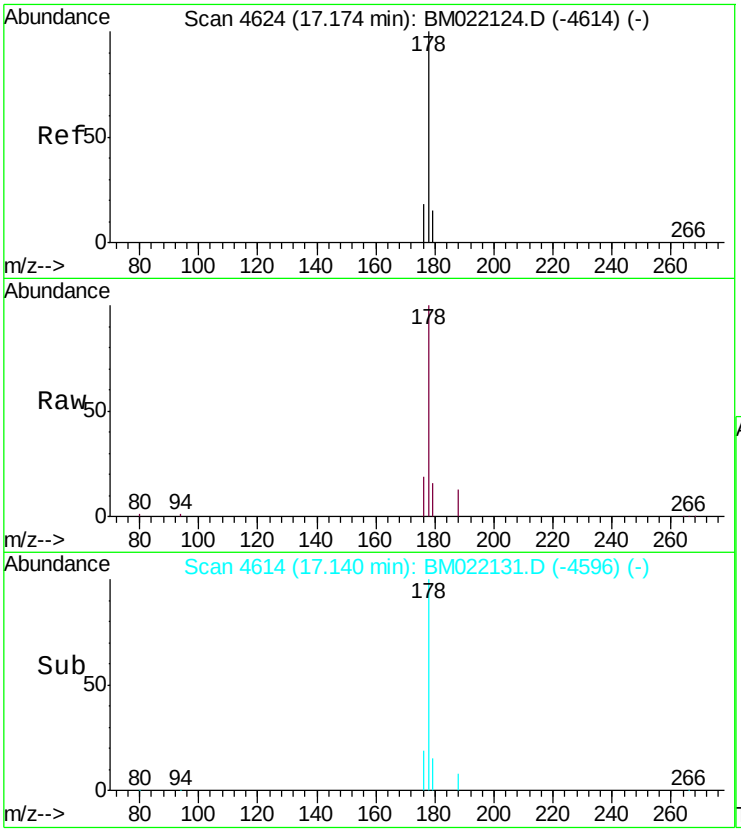


#12
Phenanthrene
Concen: 13.147 ng/ul m
RT: 17.05 min Scan# 4588
Delta R.T. -0.03 min
Lab File: BM022131.D
Acq: 15 Aug 2019 06:25

Tgt Ion:178 Resp: 168590

Ion	Ratio	Lower	Upper
178	100		
179	15.5	14.2	21.2
176	19.6	16.8	25.2

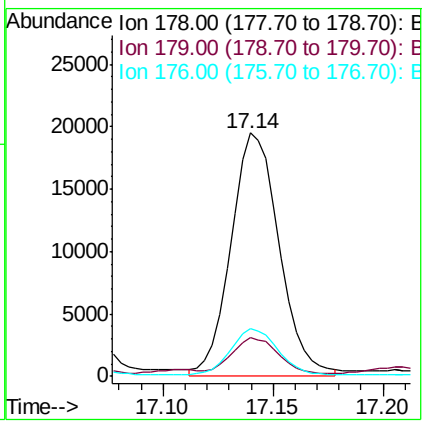




#13
Anthracene
Concen: 2.709 ng/ul m
RT: 17.14 min Scan# 4614
Delta R.T. -0.04 min
Lab File: BM022131.D
Acq: 15 Aug 2019 06:25

Tgt Ion:178 Resp: 29635

Ion	Ratio	Lower	Upper
178	100		
179	15.7	15.5	23.3
176	19.4	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
CB5P2

Manual Integrations APPROVED
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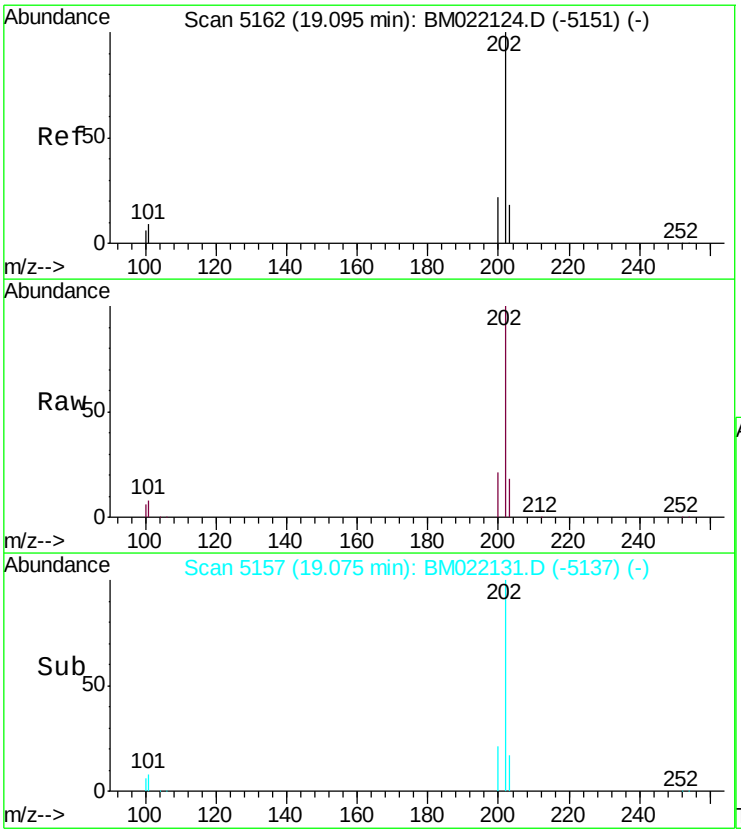
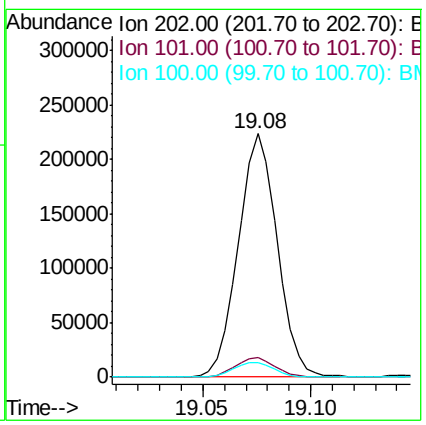
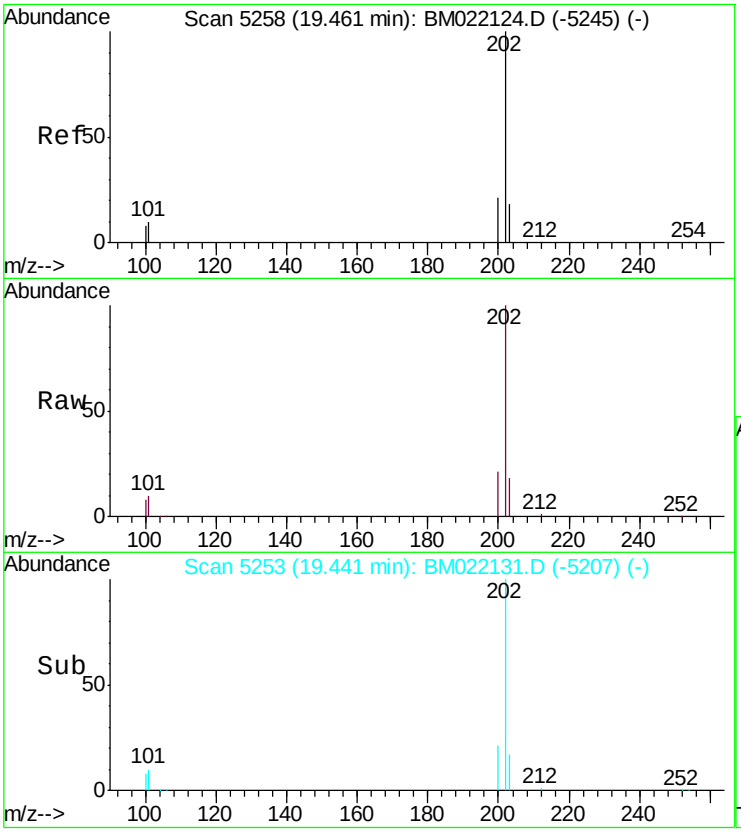


#15
Fluoranthene
Concen: 16.294 ng/ul m
RT: 19.08 min Scan# 5157
Delta R.T. -0.02 min
Lab File: BM022131.D
Acq: 15 Aug 2019 06:25

Tgt Ion:202 Resp: 279877

Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	30.2
100	6.2	0.0	28.1

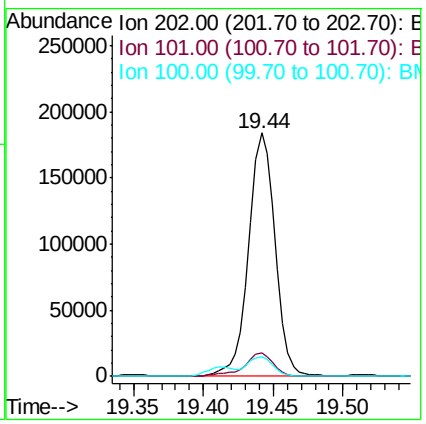




#17
Pyrene
Concen: 13.719 ng/ul
RT: 19.44 min Scan# 5253
Delta R.T. -0.02 min
Lab File: BM022131.D
Acq: 15 Aug 2019 06:25

Tgt Ion:202 Resp: 241122

Ion	Ratio	Lower	Upper
202	100		
101	9.6	8.3	12.5
100	8.0	7.2	10.8



Instrument :
BNA_M
ClientSampleId :
CB5P2

Manual Integrations APPROVED
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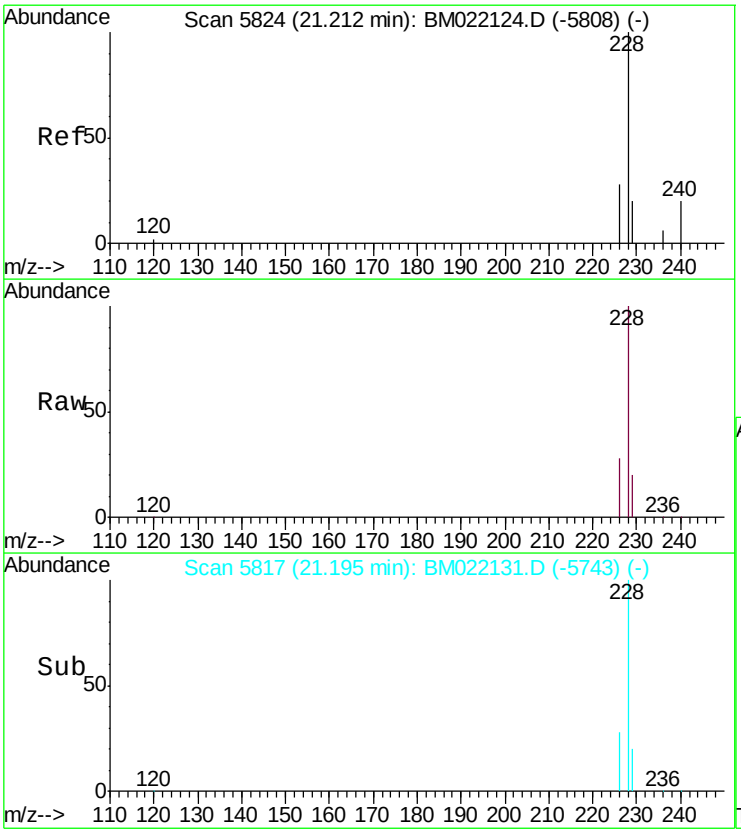
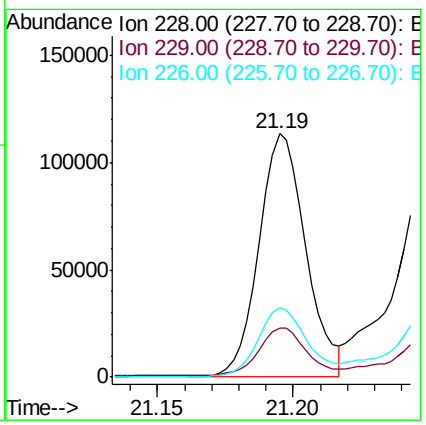
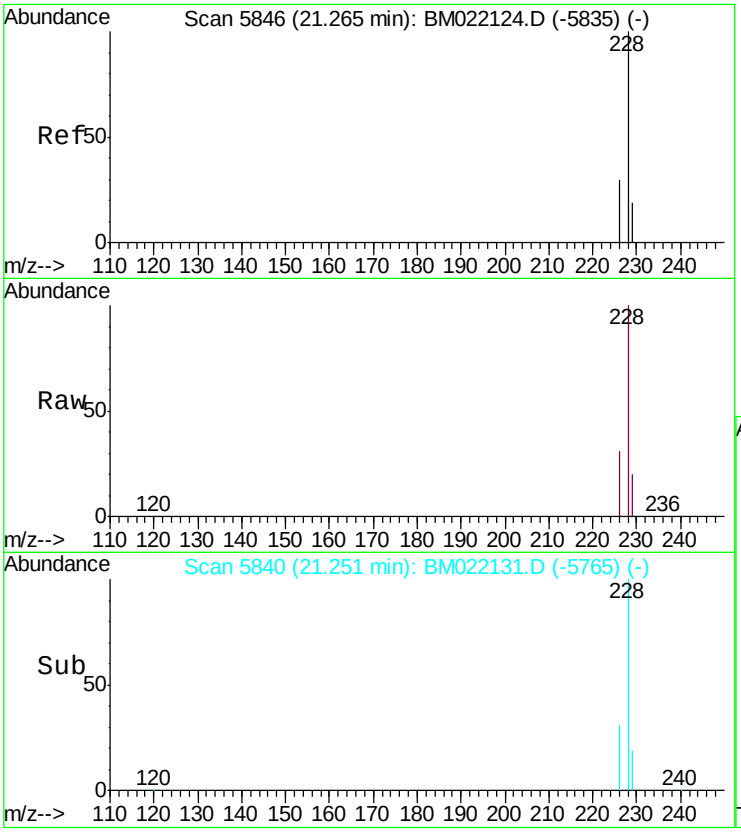


#18
Benzo(a)anthracene
Concen: 8.902 ng/ul m
RT: 21.19 min Scan# 5817
Delta R.T. -0.02 min
Lab File: BM022131.D
Acq: 15 Aug 2019 06:25

Tgt Ion:228 Resp: 136191

Ion	Ratio	Lower	Upper
228	100		
229	20.1	17.2	25.8
226	28.4	22.6	34.0





#19
Chrysene
Concen: 7.360 ng/ul
RT: 21.25 min Scan# 5840
Delta R.T. -0.02 min
Lab File: BM022131.D
Acq: 15 Aug 2019 06:25

Tgt Ion:228 Resp: 144817

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

Instrument :
BNA_M
ClientSampleId :
CB5P2

Manual Integrations APPROVED
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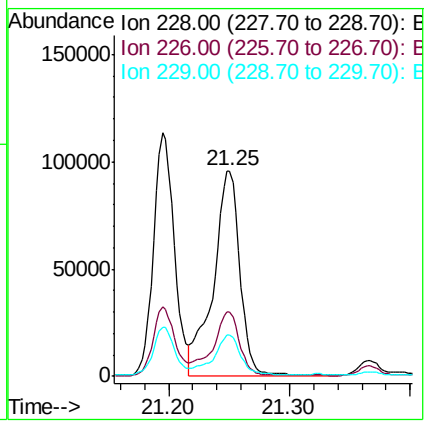
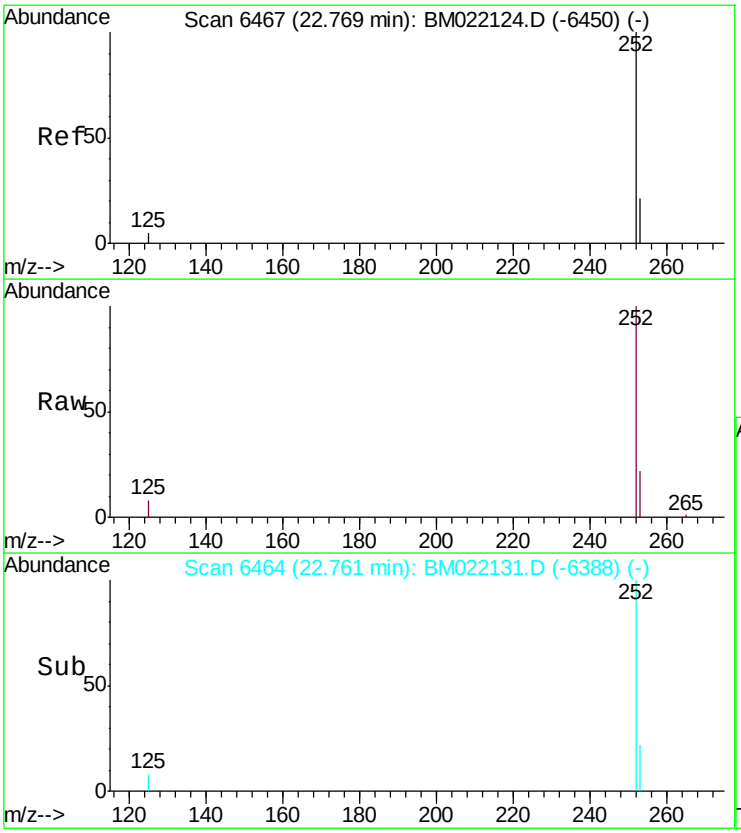
8/15/2019 5:10:15 PM

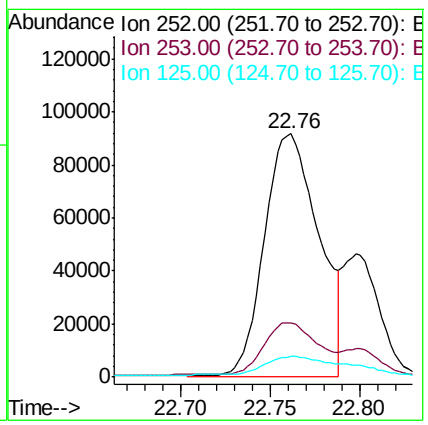


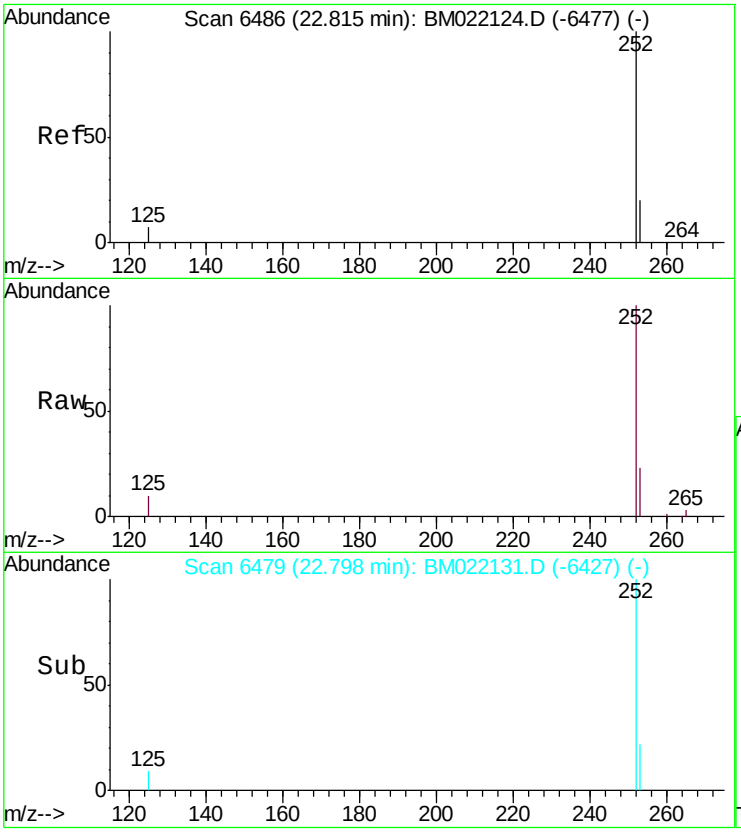


#21
Benzo(b)fluoranthene
Concen: 13.389 ng/ul m
RT: 22.76 min Scan# 6464
Delta R.T. -0.01 min
Lab File: BM022131.D
Acq: 15 Aug 2019 06:25

Tgt Ion:252 Resp: 196037

Ion	Ratio	Lower	Upper
252	100		
253	22.3	0.0	67.4
125	8.5	0.0	31.0





#22
Benzo(k)fluoranthene
Concen: 3.972 ng/ul m
RT: 22.80 min Scan# 6479
Delta R.T. -0.02 min
Lab File: BM022131.D
Acq: 15 Aug 2019 06:25

Tgt Ion:252 Resp: 65808

Ion	Ratio	Lower	Upper
252	100		
253	23.0	27.0	40.4#
125	10.2	12.2	18.2#

Instrument :
BNA_M
ClientSampleId :
CB5P2

Manual Integrations APPROVED
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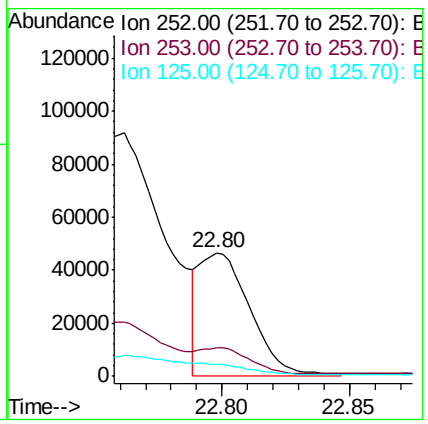
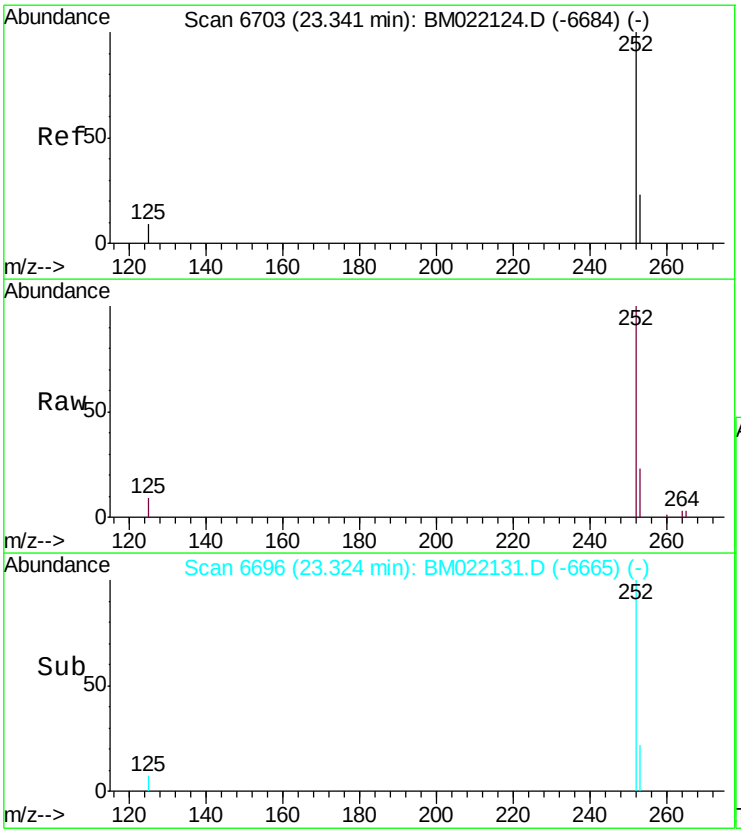
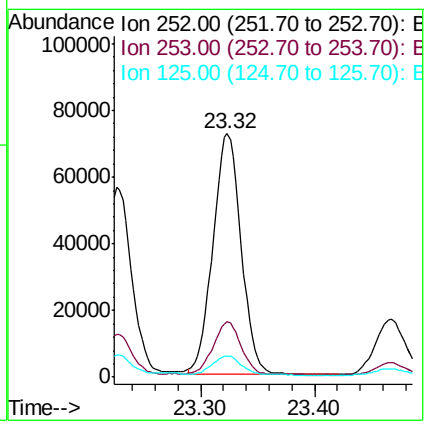


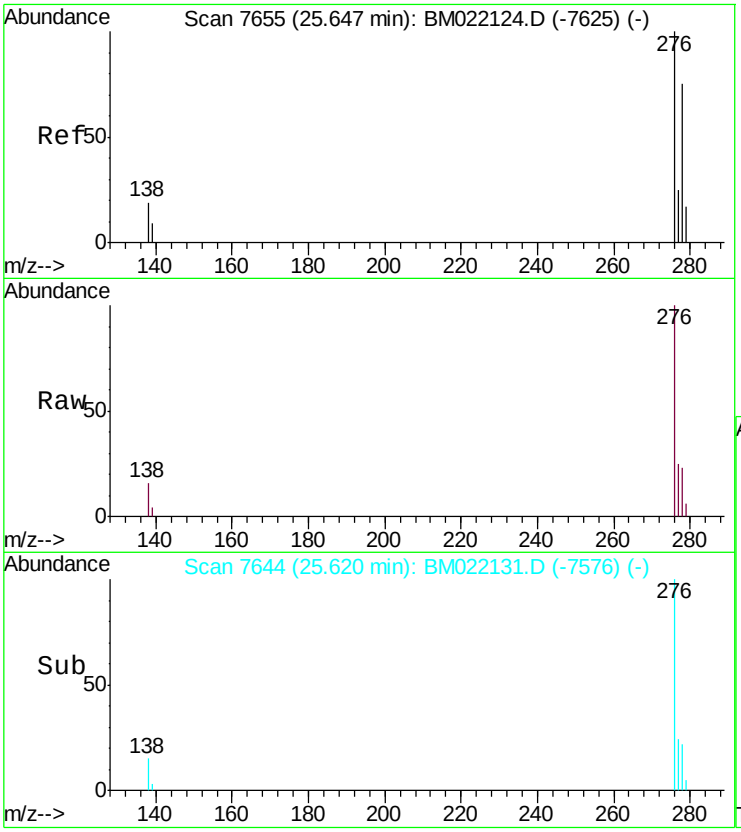


#23
Benzo(a)pyrene
Concen: 8.376 ng/ul
RT: 23.32 min Scan# 6696
Delta R.T. -0.02 min
Lab File: BM022131.D
Acq: 15 Aug 2019 06:25

Tgt Ion:252 Resp: 124724

Ion	Ratio	Lower	Upper
252	100		
253	22.6	31.7	47.5#
125	8.8	14.6	21.8#





#24
Indeno(1,2,3-cd)pyrene
Concen: 5.056 ng/ul
RT: 25.62 min Scan# 7644
Delta R.T. -0.03 min
Lab File: BM022131.D
Acq: 15 Aug 2019 06:25

Tgt Ion:276 Resp: 89889

Ion	Ratio	Lower	Upper
276	100		
138	16.3	15.1	22.7
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
CB5P2

Manual Integrations APPROVED
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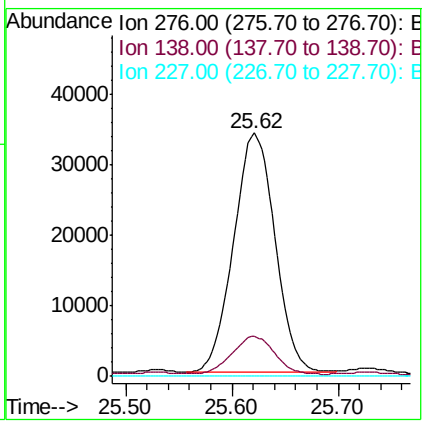
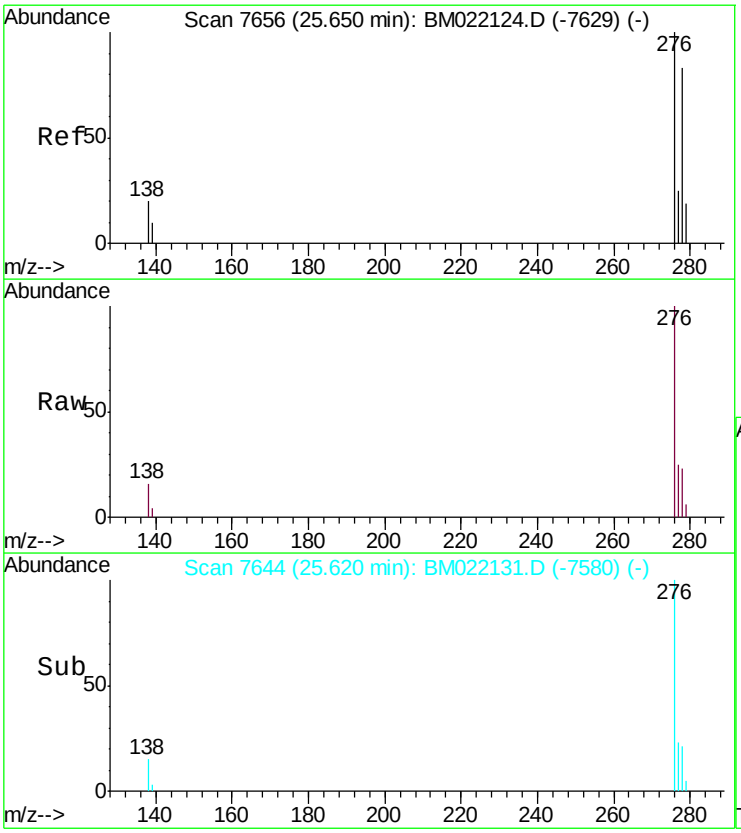
8/15/2019 5:10:15 PM

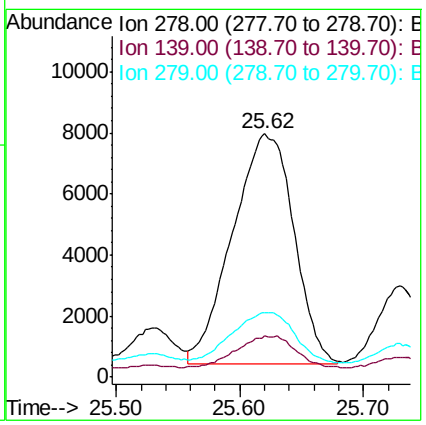


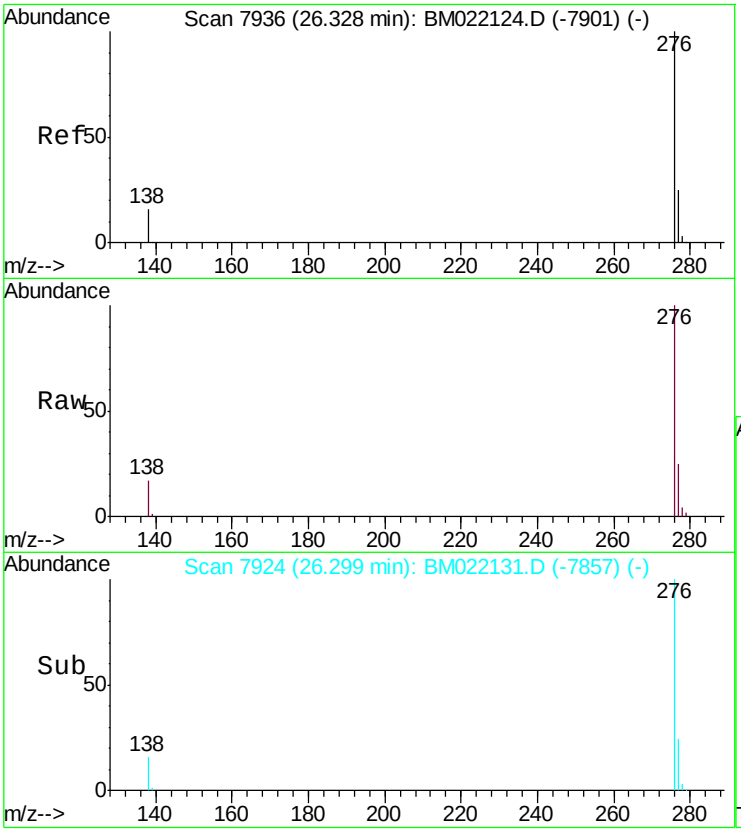


#25
Dibenzo(a,h)anthracene
Concen: 1.816 ng/ul m
RT: 25.62 min Scan# 7644
Delta R.T. -0.04 min
Lab File: BM022131.D
Acq: 15 Aug 2019 06:25

Tgt Ion:278 Resp: 26097

Ion	Ratio	Lower	Upper
278	100		
139	17.1	14.2	21.2
279	26.7	28.3	42.5#

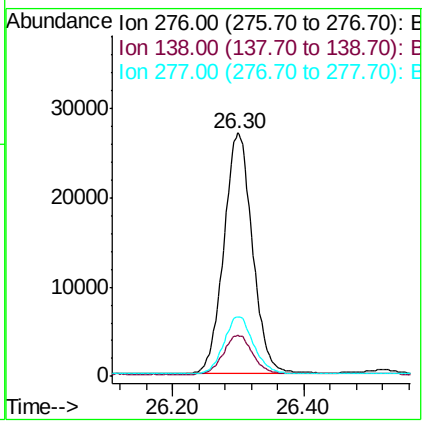




#26
Benzo(g,h,i)perylene
Concen: 5.099 ng/ul
RT: 26.30 min Scan# 7924
Delta R.T. -0.04 min
Lab File: BM022131.D
Acq: 15 Aug 2019 06:25

Tgt Ion:276 Resp: 81613

Ion	Ratio	Lower	Upper
276	100		
138	17.0	15.5	23.3
277	24.6	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
CB5P2

Manual Integrations APPROVED
mohammad
8/15/2019 5:10:15 PM