Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Data File : BM021892.D
Acq On : 07 Aug 2019 12:47
Operator : HP/JU
Sample : K3922-04DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F1DL

Manual Integrations APPROVED
mohammad
8/7/2019 11:52:22 PM

Quant Time: Aug 07 15:10:56 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 07 08:28:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	885	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	3769	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2122	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	4887	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	4870	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	6806	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	335	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	949	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.46	128	650	0.061	ng/ul#	81
5) 2-Methylnaphthalene	12.10	142	169	0.024	ng/ul	98
7) Acenaphthylene	14.01	152	880	0.089	ng/ul#	88
8) Acenaphthene	14.34	153	1868	0.231	ng/ul	97
9) Fluorene	15.34	166	2590	0.288	ng/ul	98
12) Phenanthrene	17.08	178	71228	5.009	ng/ul	96
13) Anthracene	17.17	178	4941	0.407	ng/ul	98
15) Fluoranthene	19.10	202	129315	6.789	ng/ul	95
17) Pyrene	19.47	202	101050	5.049	ng/ul	99
18) Benzo(a)anthracene	21.22	228	35382	2.031	ng/ul	99
19) Chrysene	21.27	228	50272	2.244	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	65970m	2.874	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	23785m	0.916	ng/ul	
23) Benzo(a)pyrene	23.36	252	38572	1.653	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.67	276	31101	1.116	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.67	278	6534	0.290	ng/ul	97
26) Benzo(g,h,i)perylene	26.35	276	30122	1.201	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
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Misc :
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Instrument :
BNA_M
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Manual Integrations APPROVED
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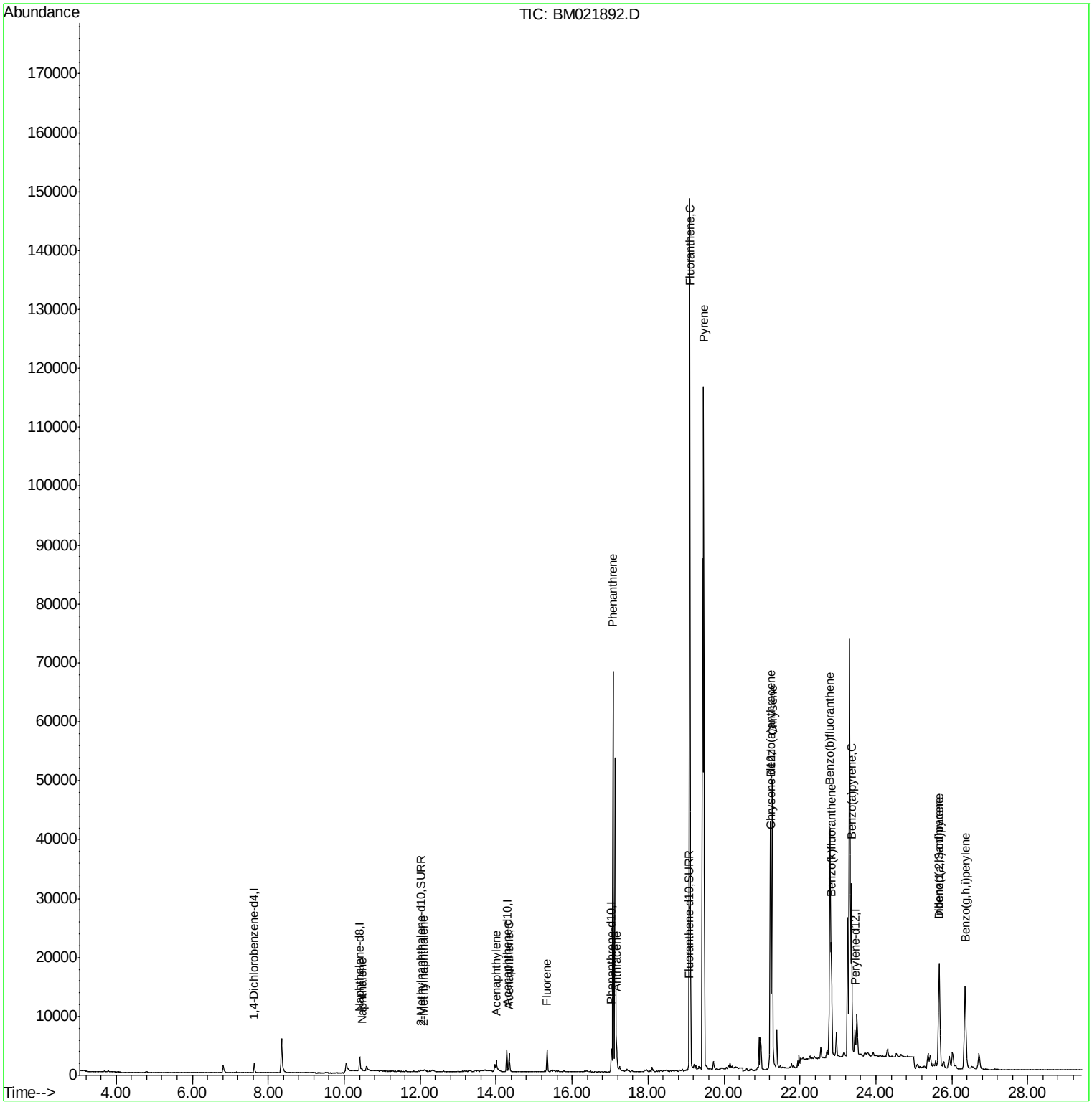

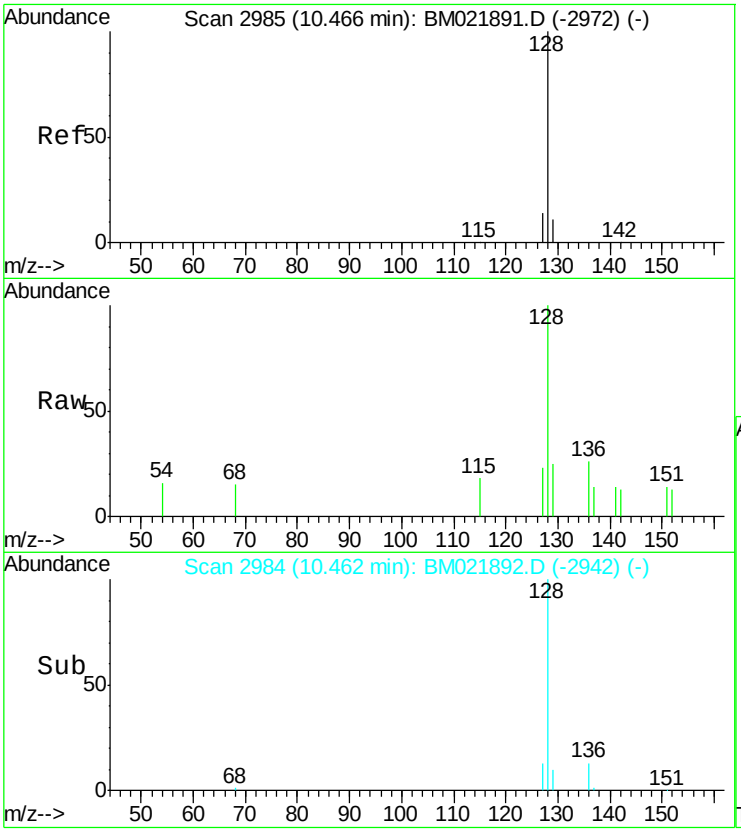

#3
Naphthalene
Concen: 0.061 ng/ul
RT: 10.46 min Scan# 2984
Delta R.T. -0.01 min
Lab File: BM021892.D
Acq: 07 Aug 2019 12:47

Tgt Ion:128 Resp: 650

Ion	Ratio	Lower	Upper
128	100		
129	24.9	12.3	18.5#
127	23.2	13.0	19.6#

Instrument :
BNA_M
ClientSampleId :
A52F1DL

Manual Integrations APPROVED
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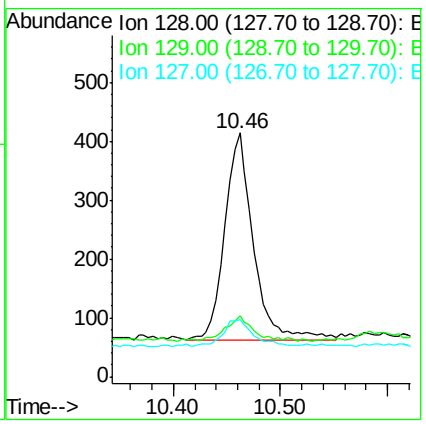
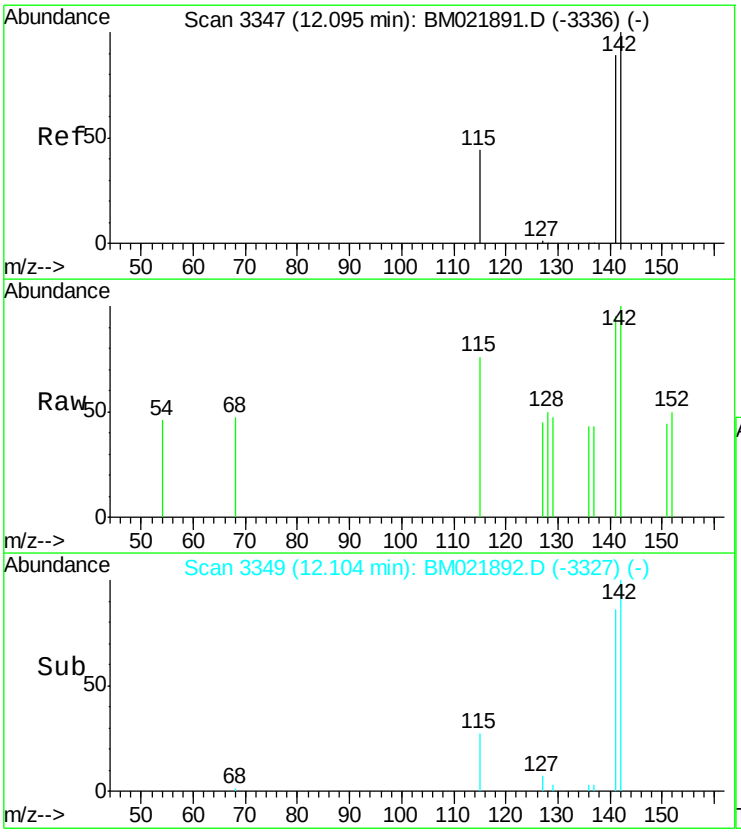
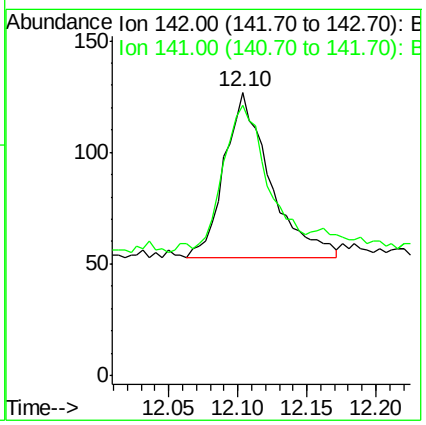


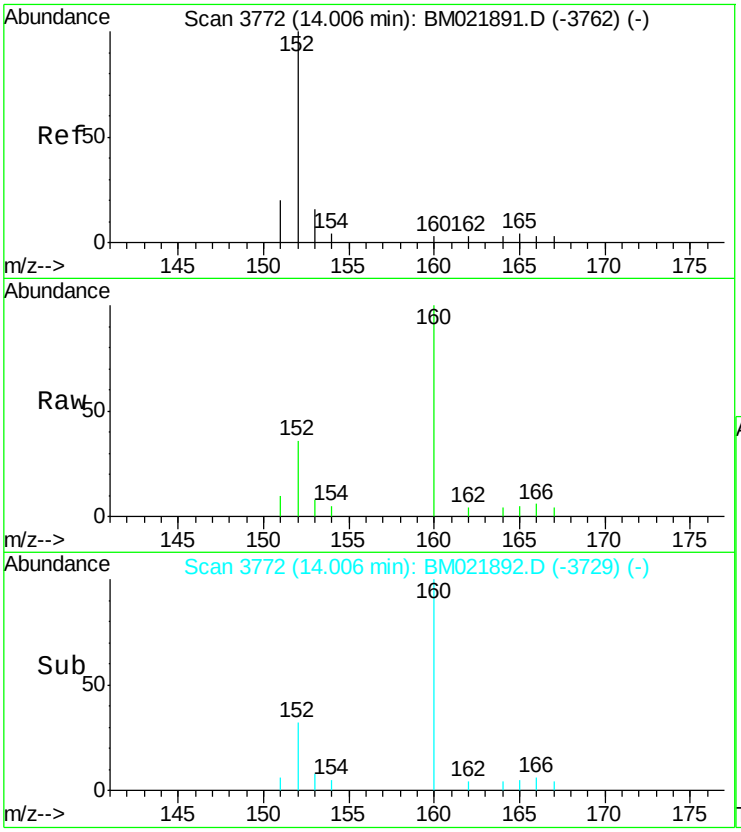


#5
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.10 min Scan# 3349
Delta R.T. -0.00 min
Lab File: BM021892.D
Acq: 07 Aug 2019 12:47

Tgt Ion:142 Resp: 169

Ion	Ratio	Lower	Upper
142	100		
141	95.3	74.3	111.5





#7
Acenaphthylene
Concen: 0.089 ng/ul
RT: 14.01 min Scan# 3772
Delta R.T. -0.01 min
Lab File: BM021892.D
Acq: 07 Aug 2019 12:47

Tgt Ion:152 Resp: 880

Ion	Ratio	Lower	Upper
152	100		
151	28.3	18.3	27.5#
153	21.9	12.8	19.2#

Instrument :
BNA_M
ClientSampleId :
A52F1DL

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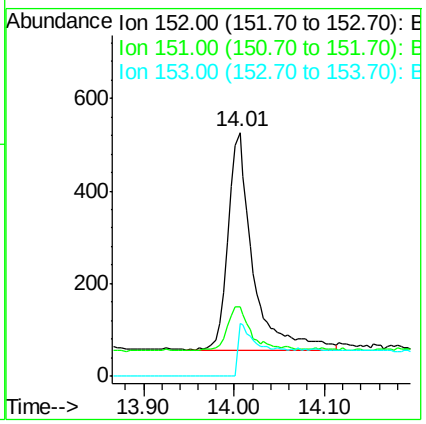
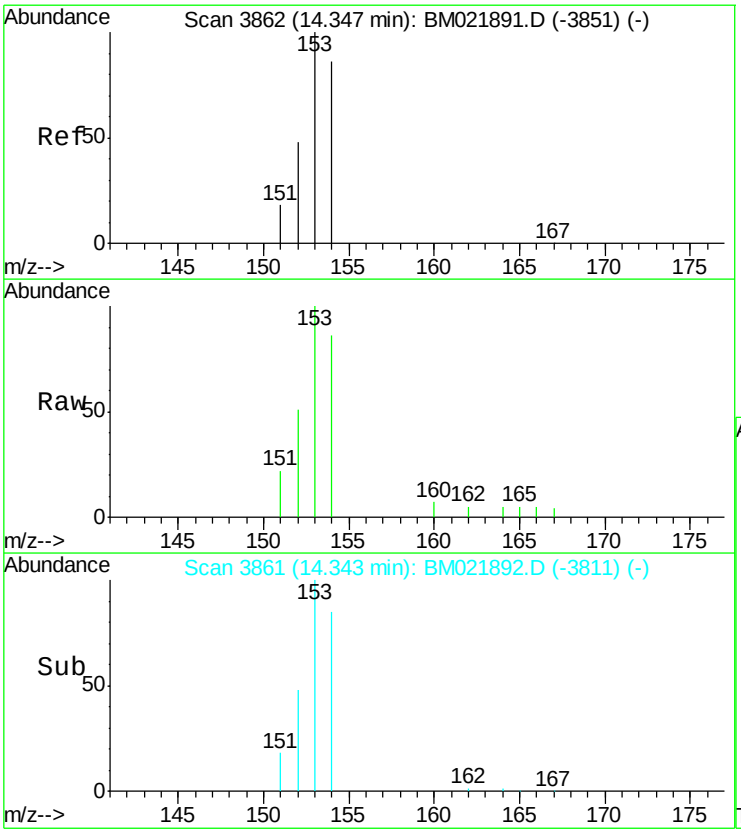
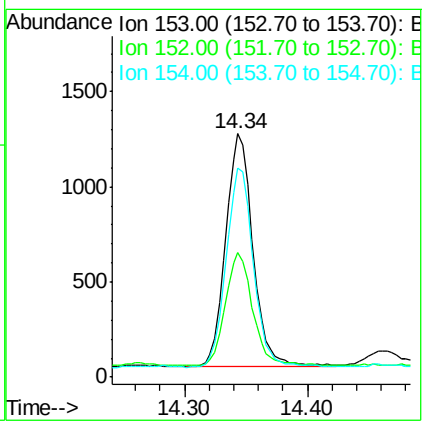


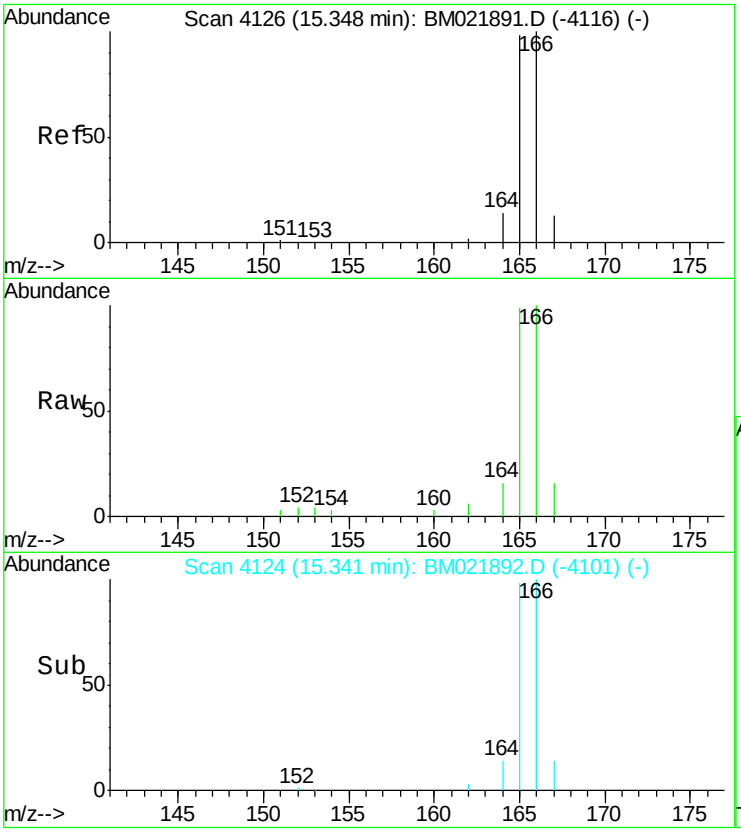


#8
Acenaphthene
Concen: 0.231 ng/ul
RT: 14.34 min Scan# 3861
Delta R.T. -0.01 min
Lab File: BM021892.D
Acq: 07 Aug 2019 12:47

Tgt Ion:153 Resp: 1868

Ion	Ratio	Lower	Upper
153	100		
152	51.4	41.3	61.9
154	85.8	72.3	108.5

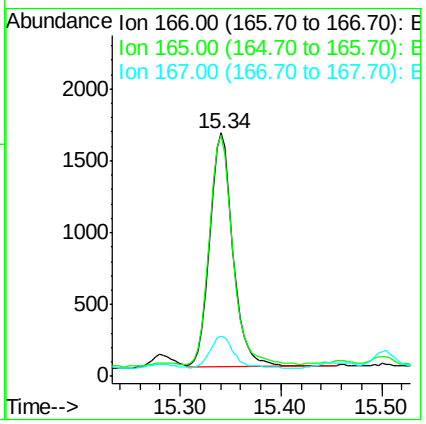




#9
Fluorene
Concen: 0.288 ng/ul
RT: 15.34 min Scan# 4124
Delta R.T. -0.01 min
Lab File: BM021892.D
Acq: 07 Aug 2019 12:47

Tgt Ion:166 Resp: 2590

Ion	Ratio	Lower	Upper
166	100		
165	99.1	81.4	122.0
167	16.5	13.7	20.5



Instrument :
BNA_M
ClientSampleId :
A52F1DL

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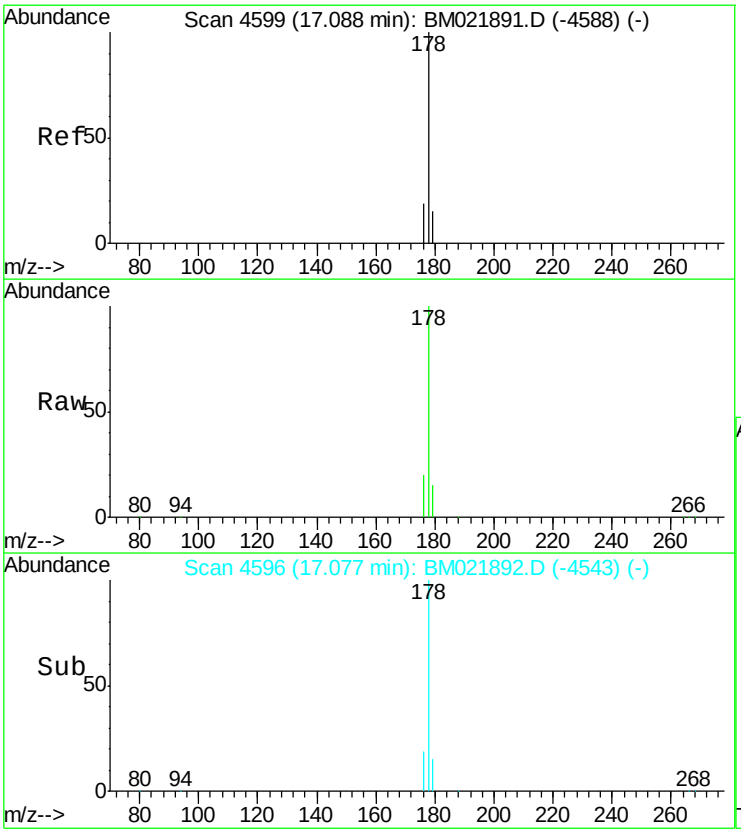
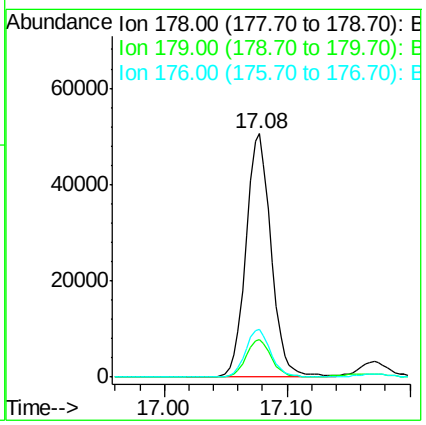
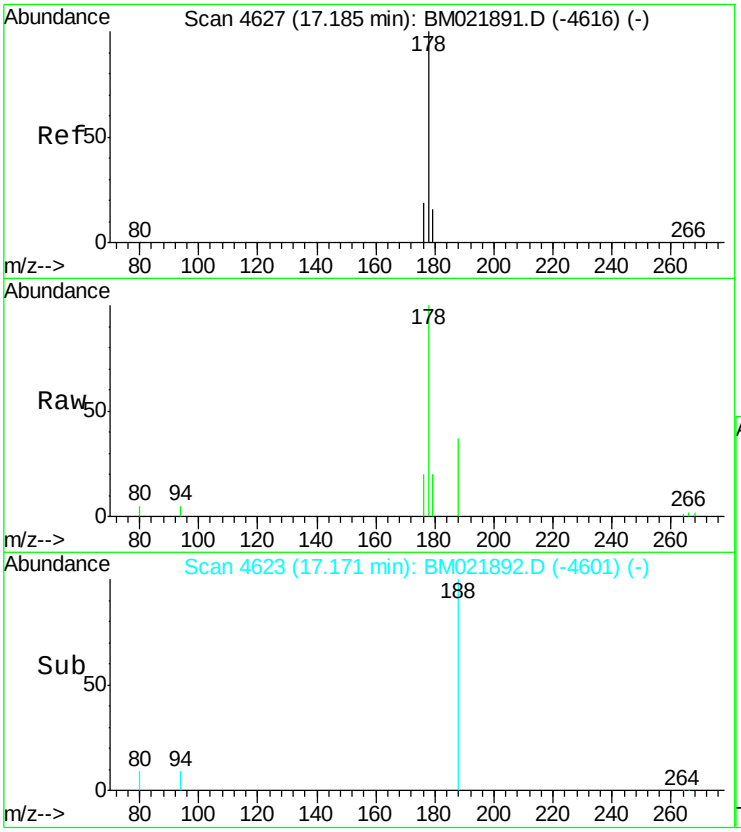


#12
Phenanthrene
Concen: 5.009 ng/ul
RT: 17.08 min Scan# 4596
Delta R.T. -0.02 min
Lab File: BM021892.D
Acq: 07 Aug 2019 12:47

Tgt Ion:178 Resp: 71228

Ion	Ratio	Lower	Upper
178	100		
179	15.4	14.2	21.2
176	19.5	16.8	25.2

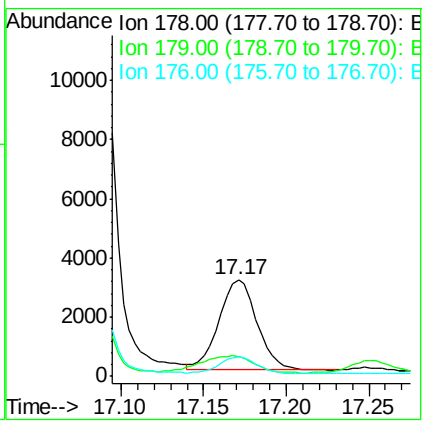




#13
Anthracene
Concen: 0.407 ng/ul
RT: 17.17 min Scan# 4623
Delta R.T. -0.02 min
Lab File: BM021892.D
Acq: 07 Aug 2019 12:47

Tgt Ion:178 Resp: 4941

Ion	Ratio	Lower	Upper
178	100		
179	20.5	15.5	23.3
176	20.4	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
A52F1DL

Manual Integrations APPROVED
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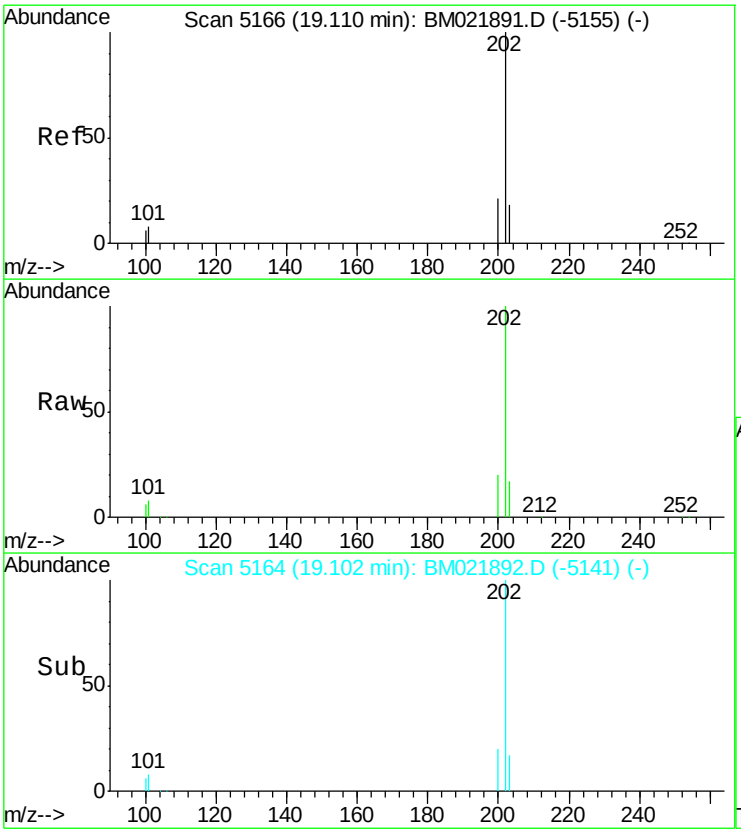
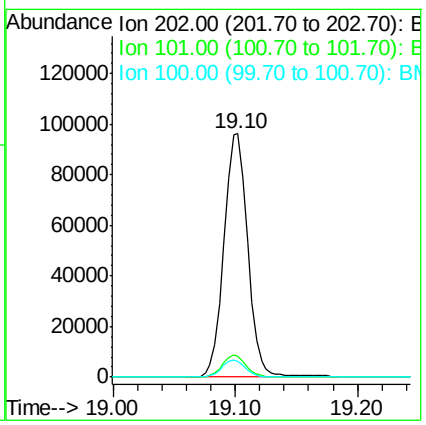
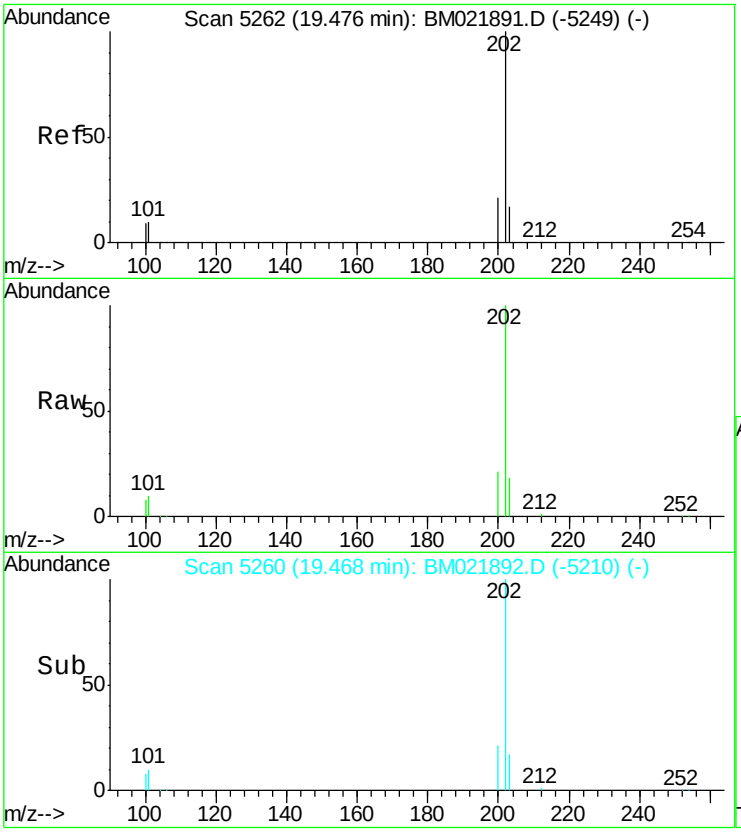


#15
Fluoranthene
Concen: 6.789 ng/ul
RT: 19.10 min Scan# 5164
Delta R.T. -0.01 min
Lab File: BM021892.D
Acq: 07 Aug 2019 12:47

Tgt Ion:202 Resp: 129315

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	30.2
100	6.5	0.0	28.1





#17
Pyrene
Concen: 5.049 ng/ul
RT: 19.47 min Scan# 5260
Delta R.T. -0.01 min
Lab File: BM021892.D
Acq: 07 Aug 2019 12:47

Tgt Ion:202 Resp: 101050

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.3	12.5
100	8.2	7.2	10.8

Instrument :
BNA_M
ClientSampleId :
A52F1DL

Manual Integrations APPROVED
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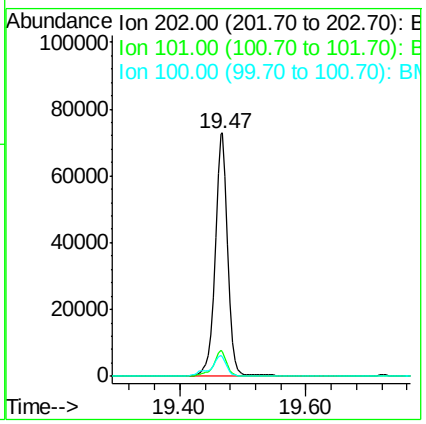
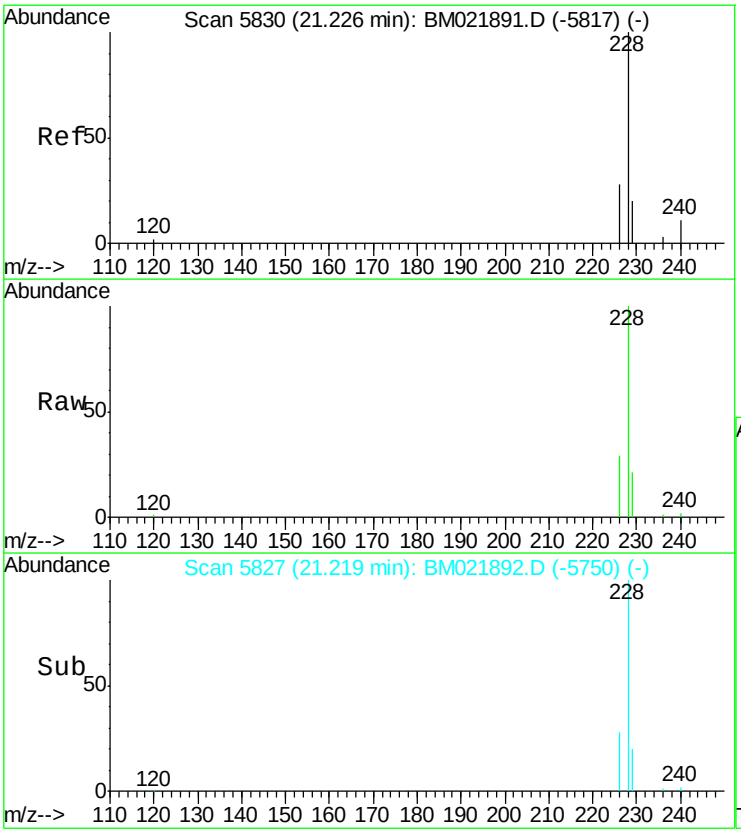
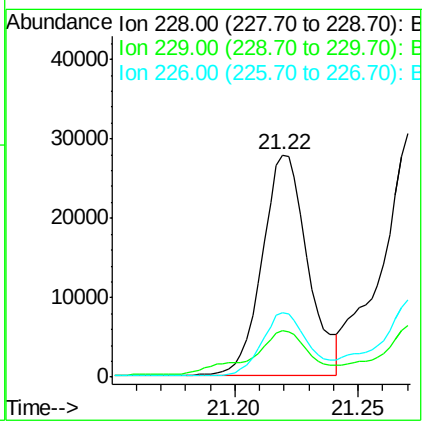


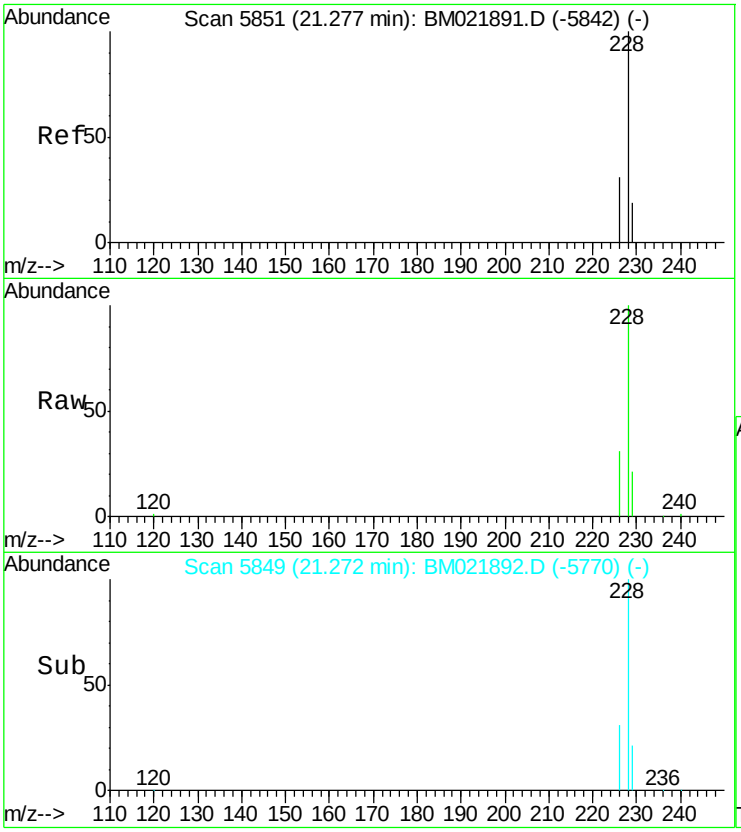


#18
Benzo(a)anthracene
Concen: 2.031 ng/ul
RT: 21.22 min Scan# 5827
Delta R.T. -0.01 min
Lab File: BM021892.D
Acq: 07 Aug 2019 12:47

Tgt Ion:228 Resp: 35382

Ion	Ratio	Lower	Upper
228	100		
229	20.7	17.2	25.8
226	28.9	22.6	34.0





#19
Chrysene
Concen: 2.244 ng/ul
RT: 21.27 min Scan# 5849
Delta R.T. -0.01 min
Lab File: BM021892.D
Acq: 07 Aug 2019 12:47

Tgt Ion:228 Resp: 50272

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	21.2	16.6	25.0

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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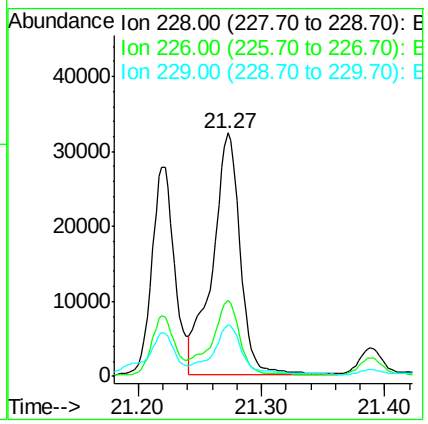
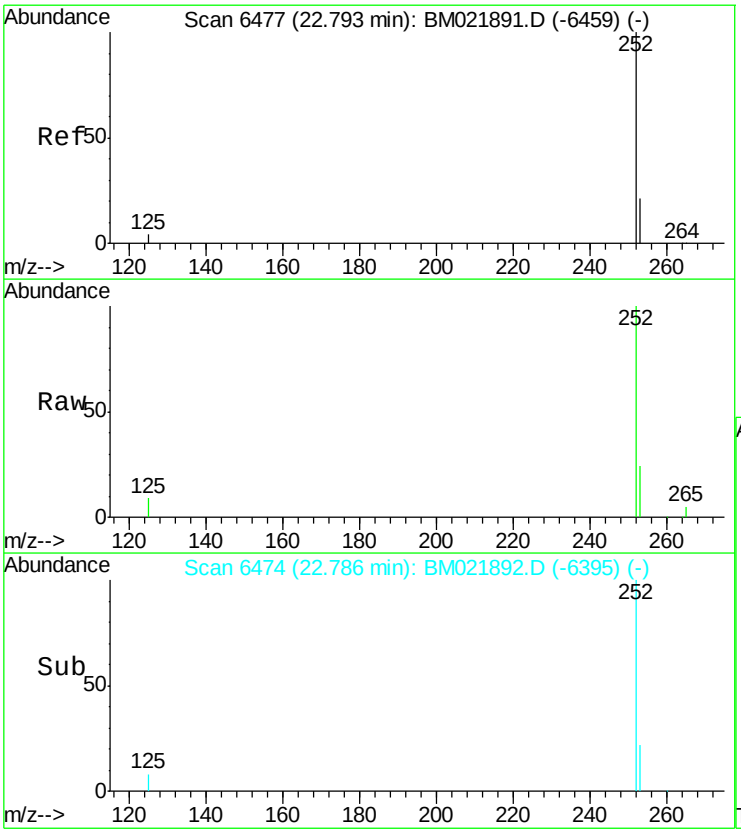
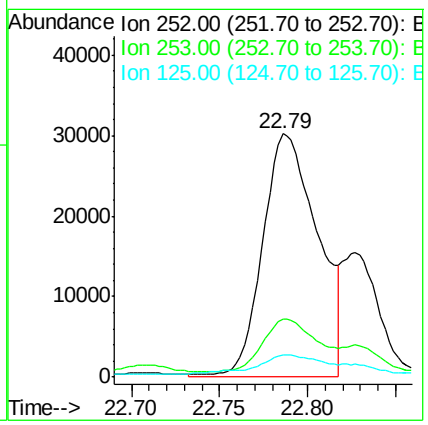


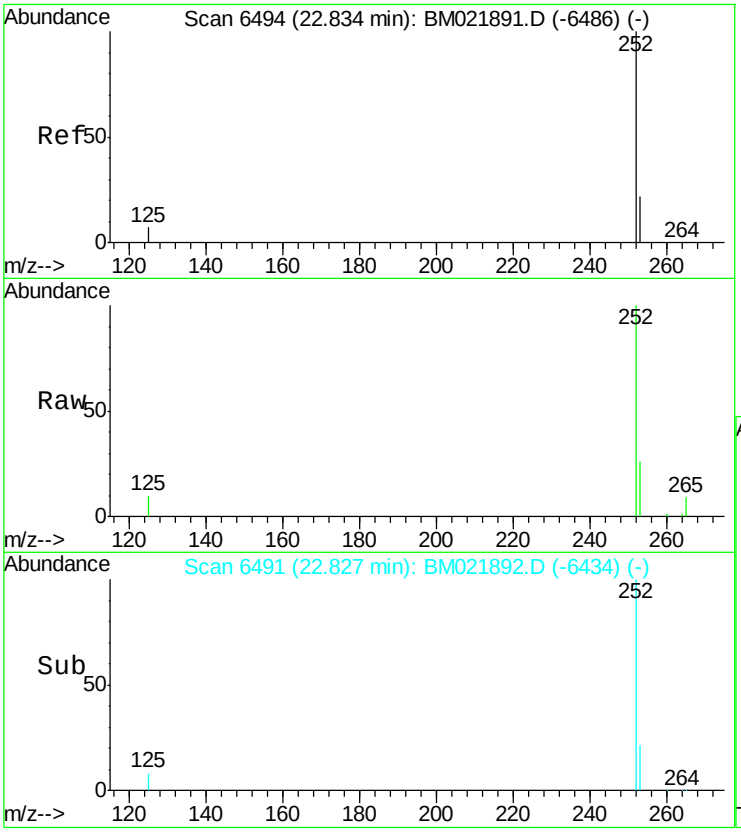


#21
Benzo(b)fluoranthene
Concen: 2.874 ng/ul m
RT: 22.79 min Scan# 6474
Delta R.T. -0.01 min
Lab File: BM021892.D
Acq: 07 Aug 2019 12:47

Tgt Ion:252 Resp: 65970

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	67.4
125	8.9	0.0	31.0





#22
Benzo(k)fluoranthene
Concen: 0.916 ng/ul m
RT: 22.83 min Scan# 6491
Delta R.T. -0.01 min
Lab File: BM021892.D
Acq: 07 Aug 2019 12:47

Tgt Ion:252 Resp: 23785

Ion	Ratio	Lower	Upper
252	100		
253	25.9	27.0	40.4#
125	10.2	12.2	18.2#

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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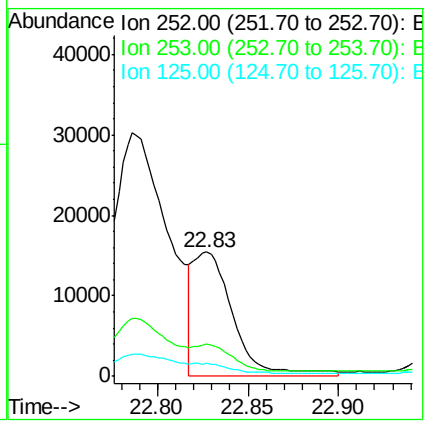
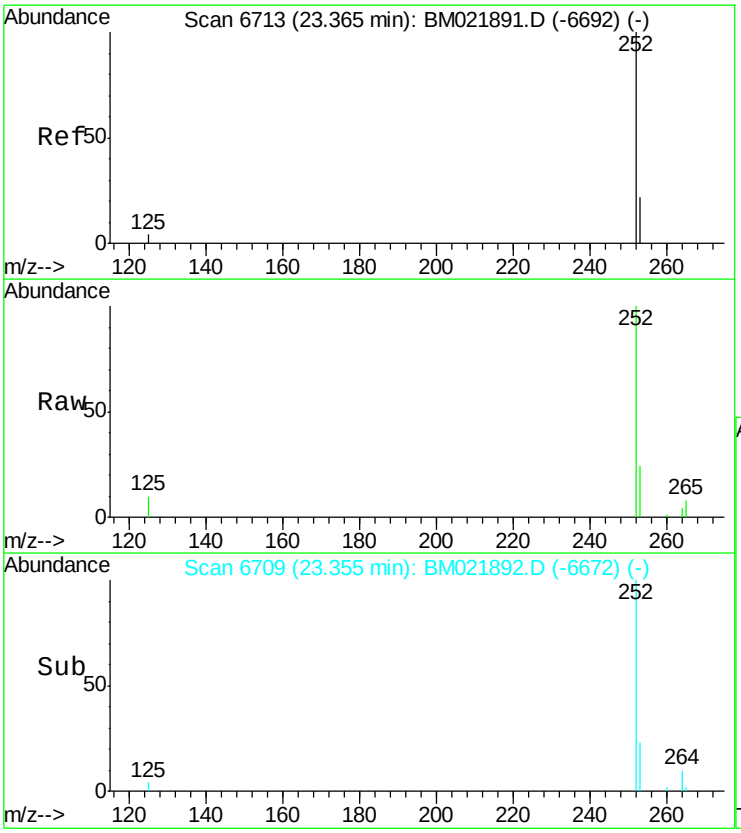
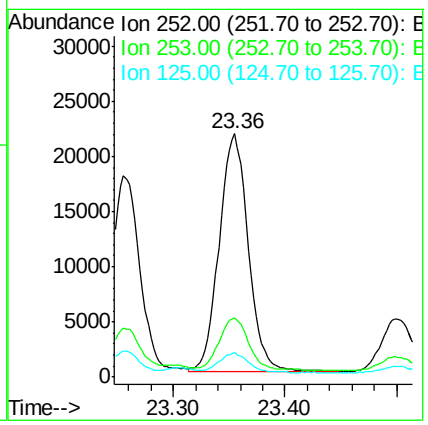


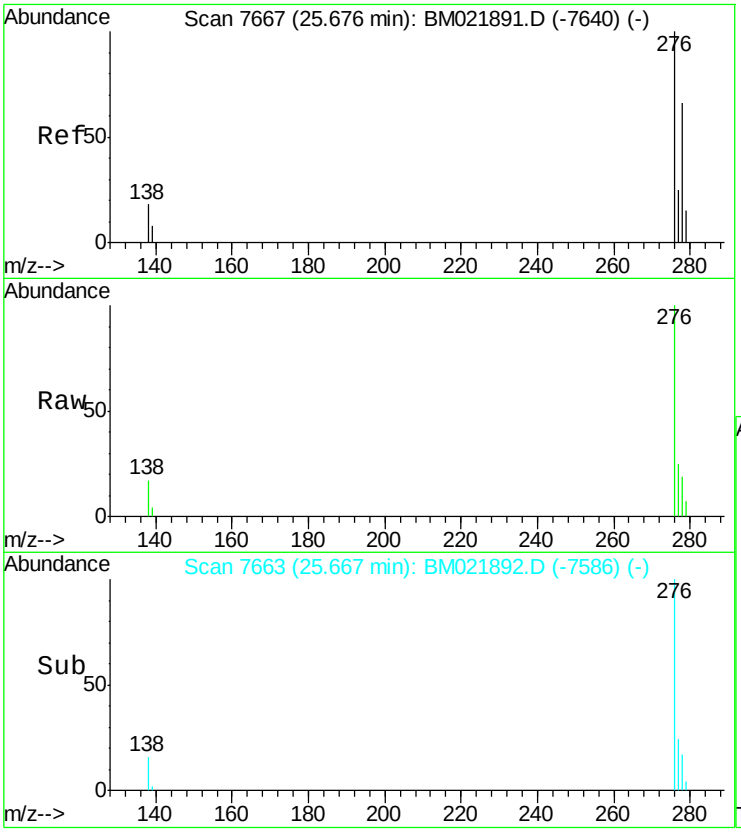


#23
Benzo(a)pyrene
Concen: 1.653 ng/ul
RT: 23.36 min Scan# 6709
Delta R.T. -0.01 min
Lab File: BM021892.D
Acq: 07 Aug 2019 12:47

Tgt Ion:252 Resp: 38572

Ion	Ratio	Lower	Upper
252	100		
253	24.4	31.7	47.5#
125	9.9	14.6	21.8#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.116 ng/ul
RT: 25.67 min Scan# 7663
Delta R.T. -0.01 min
Lab File: BM021892.D
Acq: 07 Aug 2019 12:47

Tgt Ion:276 Resp: 31101

Ion	Ratio	Lower	Upper
276	100		
138	15.0	15.1	22.7#
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
A52F1DL

Manual Integrations APPROVED
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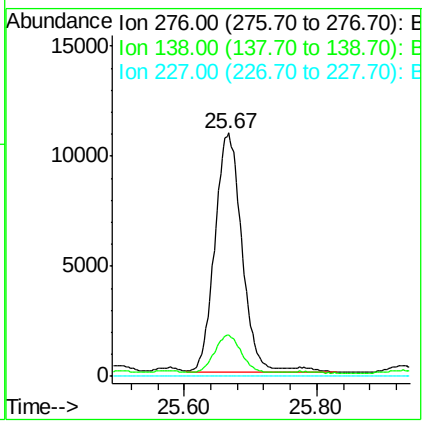
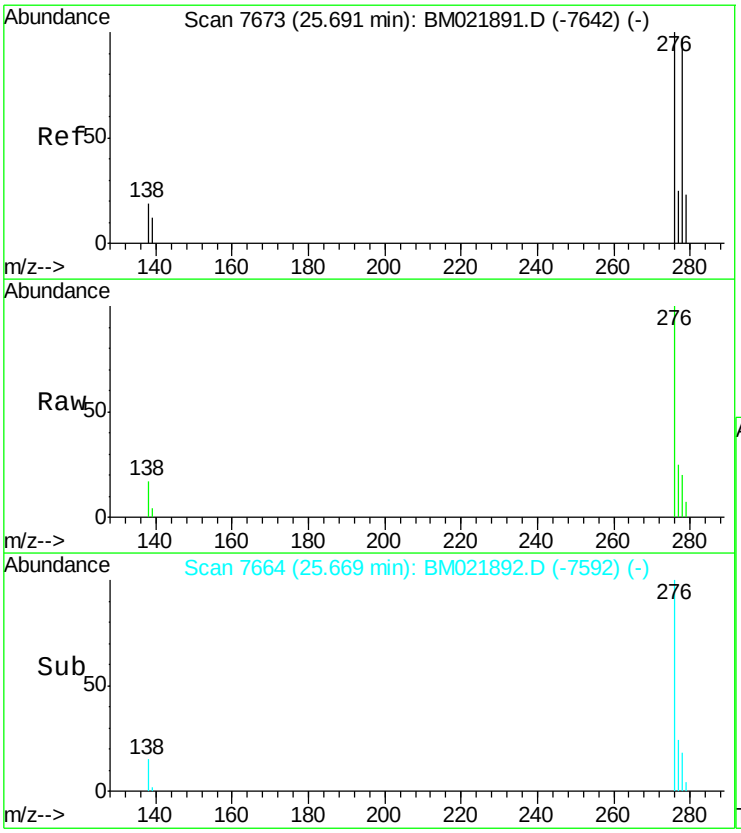
8/7/2019 11:52:22 PM

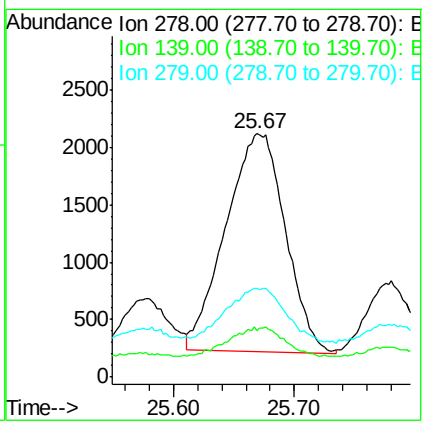


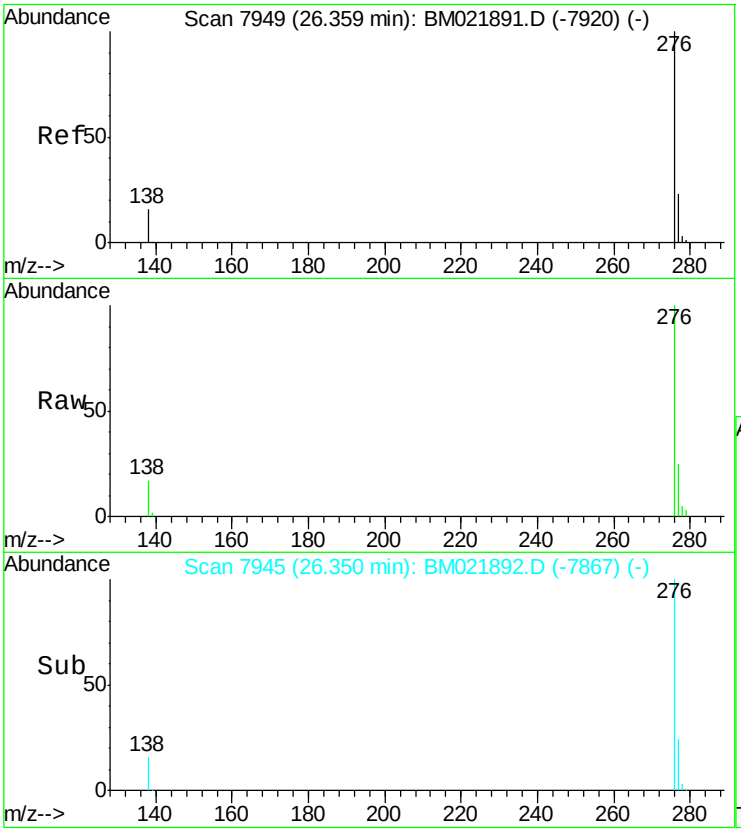


#25
Dibenzo(a,h)anthracene
Concen: 0.290 ng/ul
RT: 25.67 min Scan# 7664
Delta R.T. -0.02 min
Lab File: BM021892.D
Acq: 07 Aug 2019 12:47

Tgt Ion:278 Resp: 6534

Ion	Ratio	Lower	Upper
278	100		
139	19.2	14.2	21.2
279	36.7	28.3	42.5

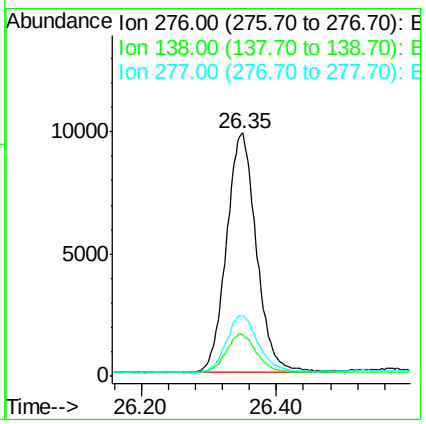




#26
Benzo(g,h,i)perylene
Concen: 1.201 ng/ul
RT: 26.35 min Scan# 7945
Delta R.T. -0.01 min
Lab File: BM021892.D
Acq: 07 Aug 2019 12:47

Tgt Ion:276 Resp: 30122

Ion	Ratio	Lower	Upper
276	100		
138	17.1	15.5	23.3
277	25.0	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
A52F1DL

Manual Integrations APPROVED
mohammad
8/7/2019 11:52:22 PM