Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
Data File : BM022178.D
Acq On : 16 Aug 2019 20:02
Operator : HP/JU
Sample : K4242-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG6DL

Manual Integrations APPROVED
mohammad
8/19/2019 5:32:23 PM

Quant Time: Aug 17 04:51:04 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 : Sat Aug 17 04:19:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	752	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	3208	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	1867	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	4332	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	4366	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	4970	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	309	0.06	ng/ul	0.02
14) Fluoranthene-d10	19.05	212	849	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.43	128	684	0.075	ng/ul#	78
5) 2-Methylnaphthalene	12.07	142	497	0.082	ng/ul	95
7) Acenaphthylene	13.98	152	300	0.034	ng/ul#	57
8) Acenaphthene	14.32	153	4925	0.691	ng/ul	95
9) Fluorene	15.31	166	7686	0.971	ng/ul	99
12) Phenanthrene	17.05	178	94824	7.523	ng/ul	96
13) Anthracene	17.15	178	27690	2.575	ng/ul	96
15) Fluoranthene	19.08	202	133873	7.929	ng/ul	94
17) Pyrene	19.45	202	109229	6.088	ng/ul	97
18) Benzo(a)anthracene	21.20	228	60992	3.906	ng/ul	99
19) Chrysene	21.25	228	52215	2.600	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	69360m	4.139	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	26210m	1.382	ng/ul	
23) Benzo(a)pyrene	23.33	252	52427	3.076	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.64	276	32661	1.605	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.64	278	8164	0.496	ng/ul#	80
26) Benzo(g,h,i)perylene	26.32	276	25872	1.412	ng/ul	97

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

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BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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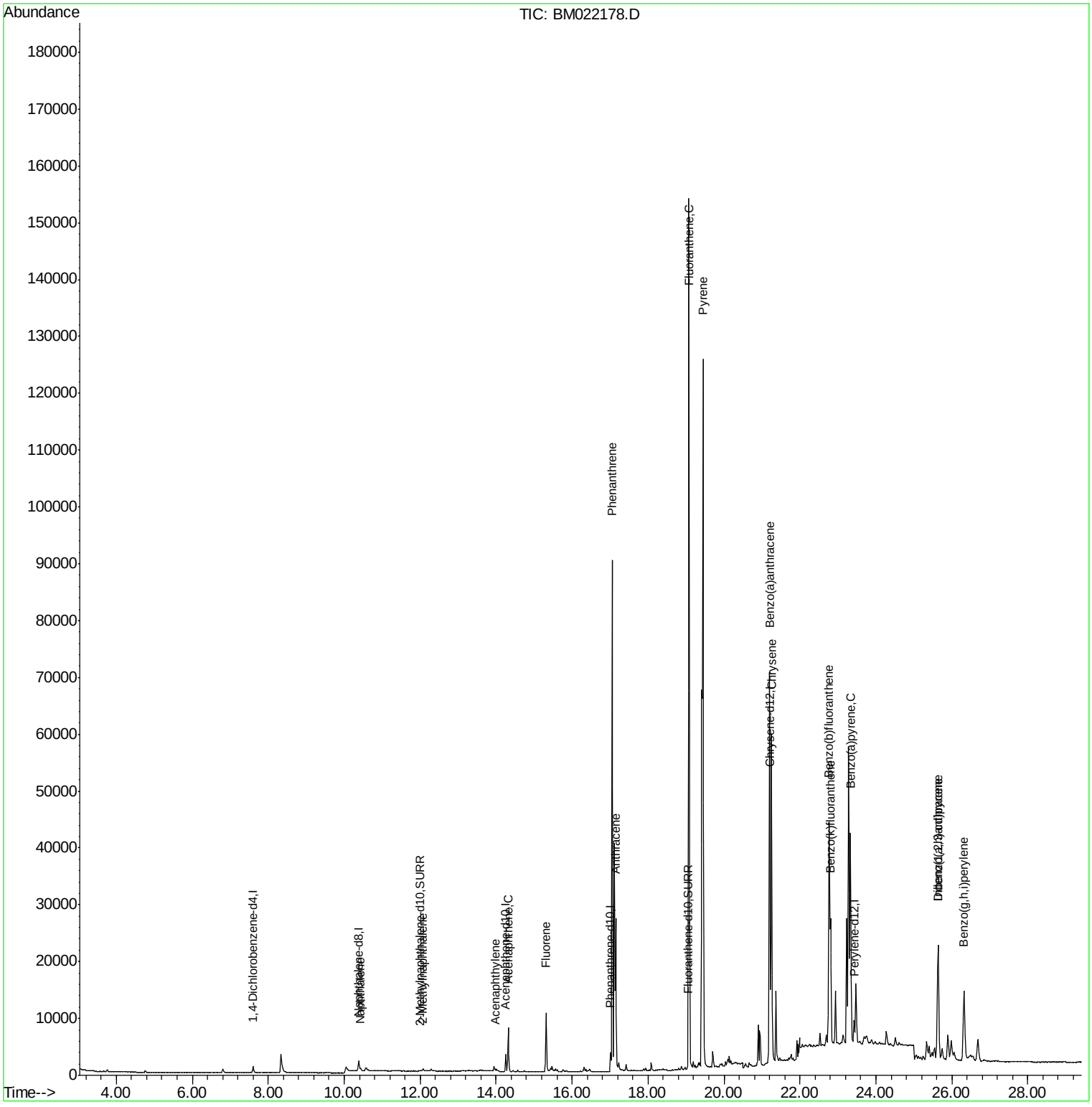

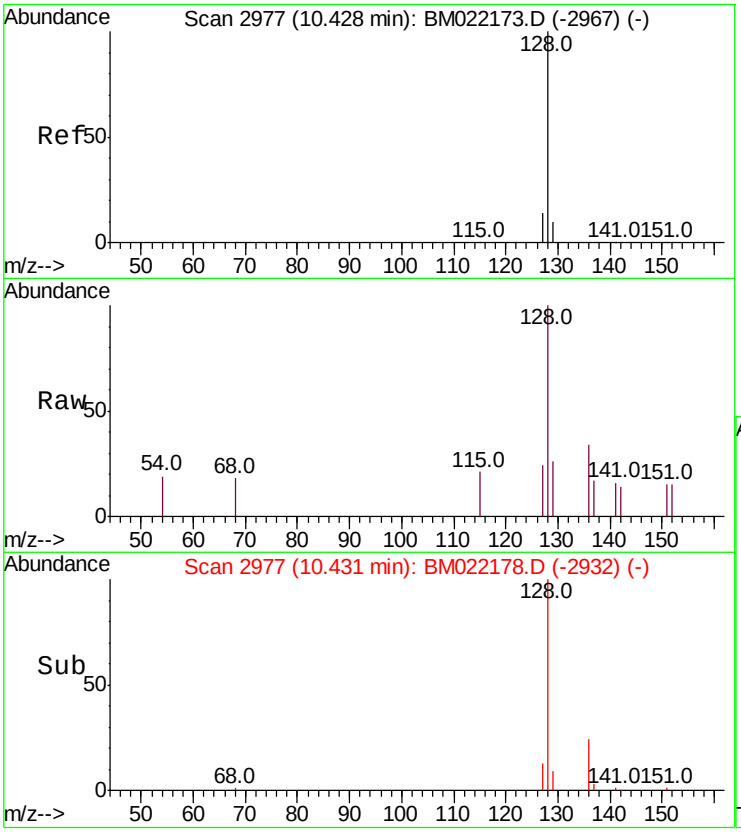

#3
Naphthalene
Concen: 0.075 ng/ul
RT: 10.43 min Scan# 2977
Delta R.T. 0.00 min
Lab File: BM022178.D
Acq: 16 Aug 2019 20:02

Tgt Ion:128 Resp: 684

Ion	Ratio	Lower	Upper
128	100		
129	26.4	12.3	18.5#
127	24.3	13.0	19.6#

Instrument :
BNA_M
ClientSampleId :
C0AG6DL

Manual Integrations APPROVED
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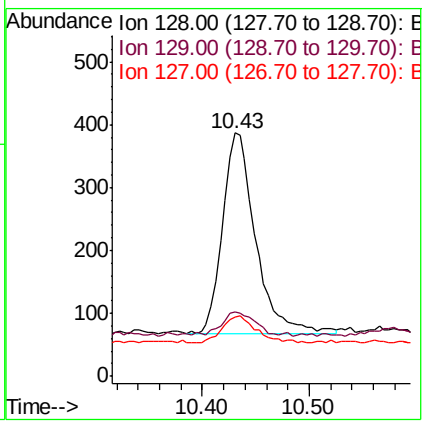
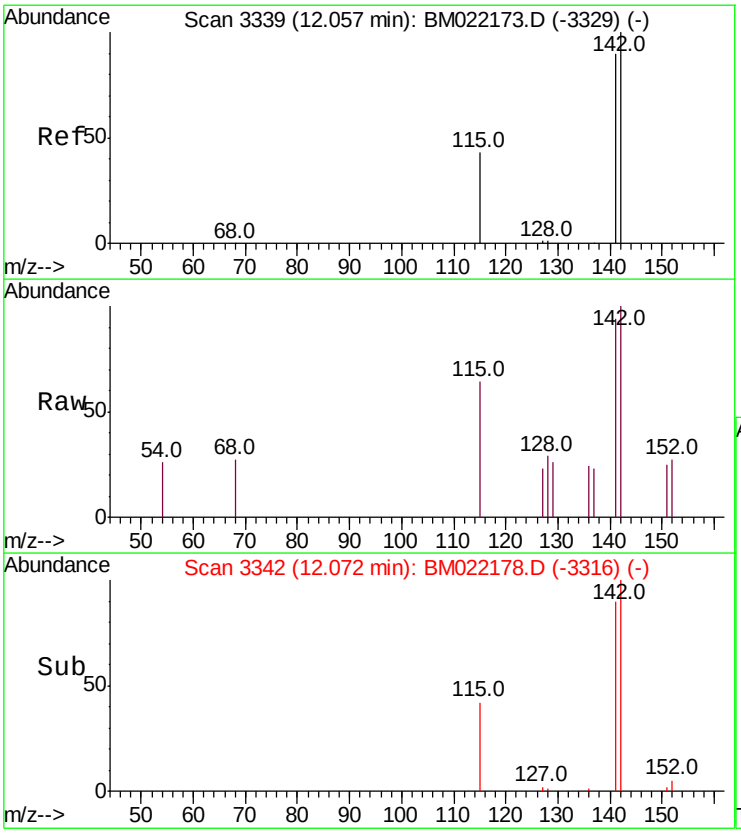
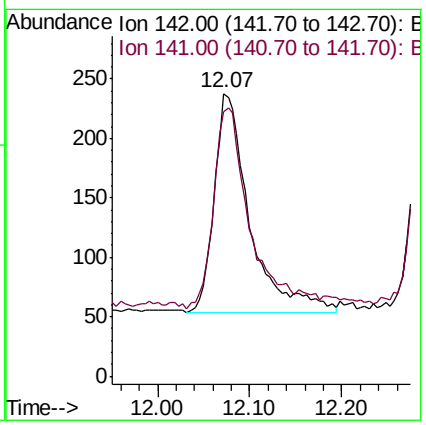


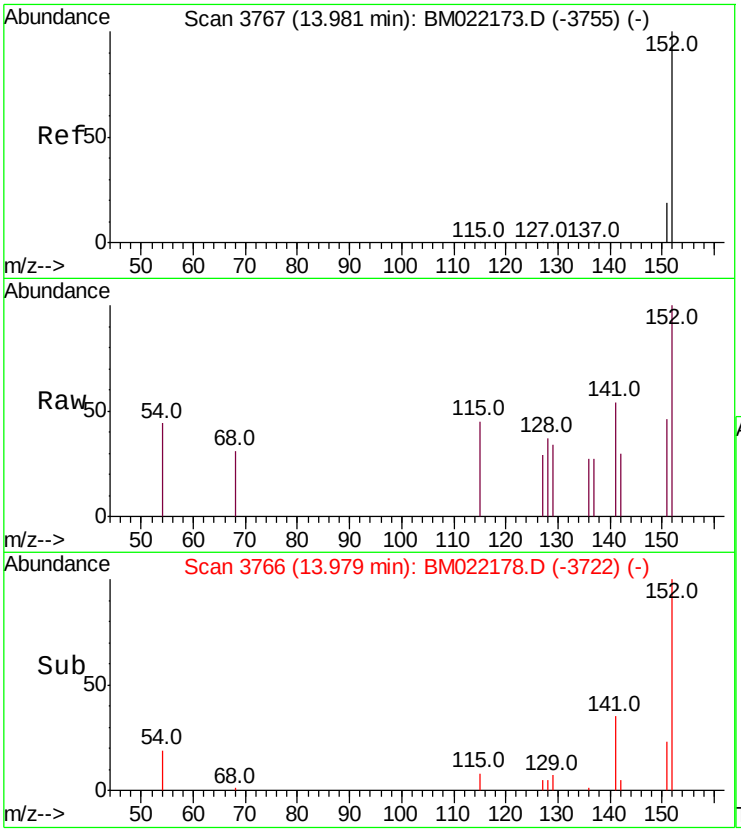


#5
2-Methylnaphthalene
Concen: 0.082 ng/ul
RT: 12.07 min Scan# 3342
Delta R.T. 0.02 min
Lab File: BM022178.D
Acq: 16 Aug 2019 20:02

Tgt Ion:142 Resp: 497

Ion	Ratio	Lower	Upper
142	100		
141	98.0	74.3	111.5

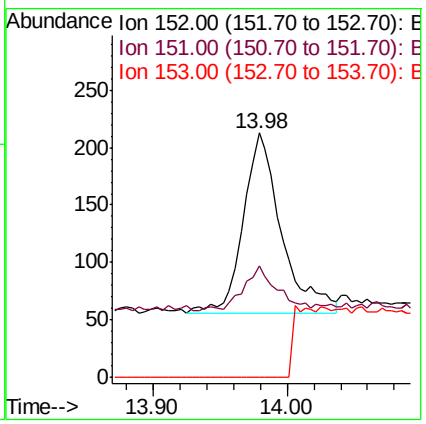




#7
Acenaphthylene
Concen: 0.034 ng/ul
RT: 13.98 min Scan# 3766
Delta R.T. -0.00 min
Lab File: BM022178.D
Acq: 16 Aug 2019 20:02

Tgt Ion:152 Resp: 300

Ion	Ratio	Lower	Upper
152	100		
151	45.5	18.3	27.5#
153	0.0	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
C0AG6DL

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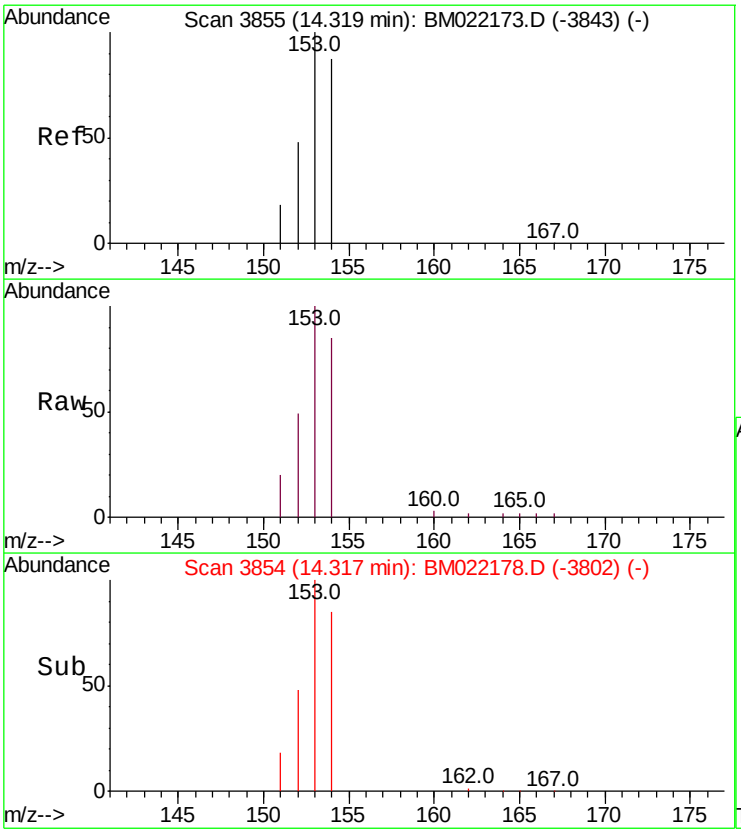
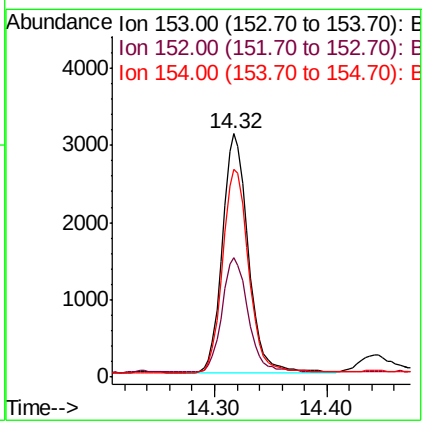
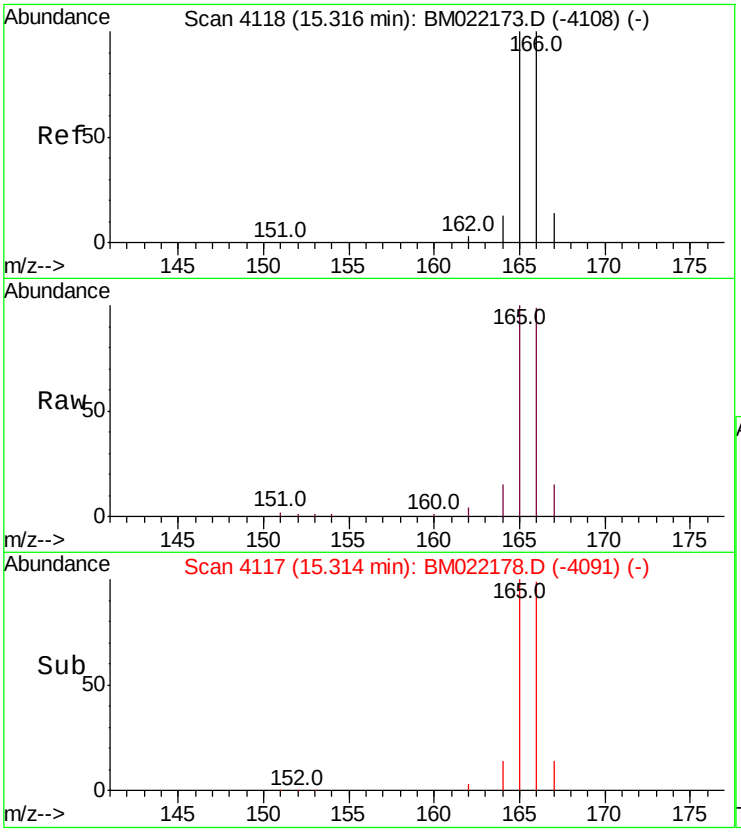


#8
Acenaphthene
Concen: 0.691 ng/ul
RT: 14.32 min Scan# 3854
Delta R.T. -0.00 min
Lab File: BM022178.D
Acq: 16 Aug 2019 20:02

Tgt Ion:153 Resp: 4925

Ion	Ratio	Lower	Upper
153	100		
152	49.1	41.3	61.9
154	85.1	72.3	108.5

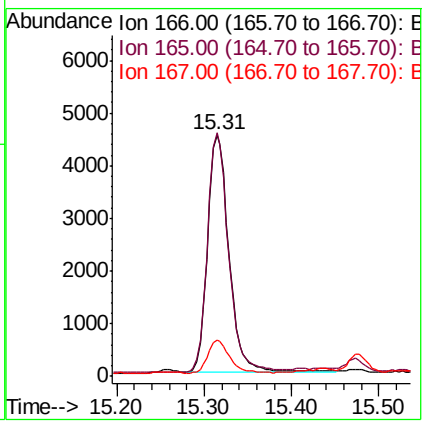




#9
Fluorene
Concen: 0.971 ng/ul
RT: 15.31 min Scan# 4117
Delta R.T. -0.00 min
Lab File: BM022178.D
Acq: 16 Aug 2019 20:02

Tgt Ion:166 Resp: 7686

Ion	Ratio	Lower	Upper
166	100		
165	100.9	81.4	122.0
167	15.1	13.7	20.5



Instrument :
BNA_M
ClientSampleId :
C0AG6DL

Manual Integrations APPROVED
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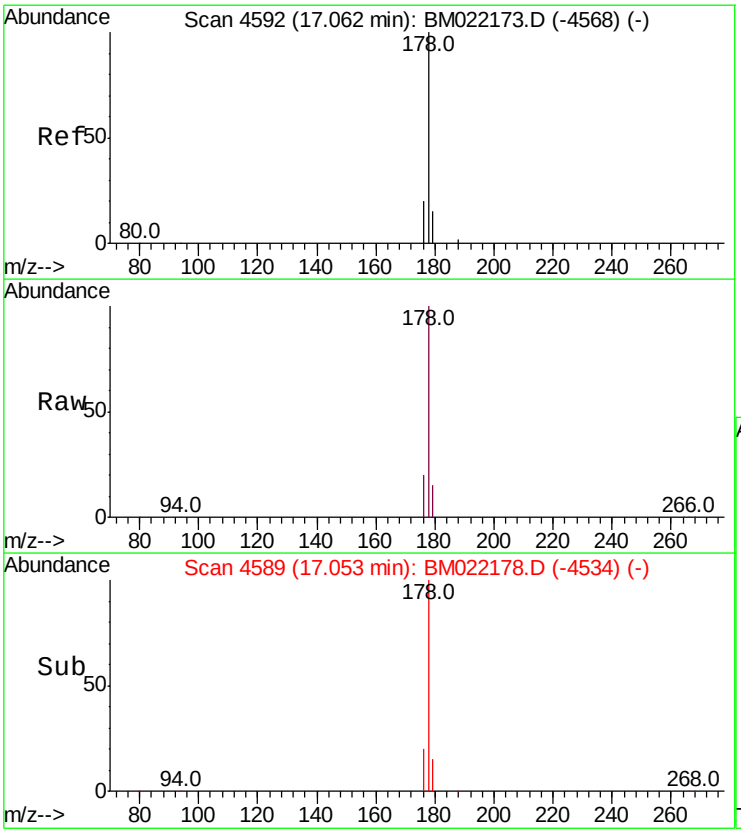
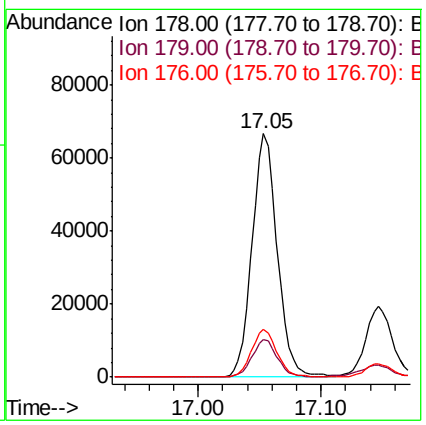
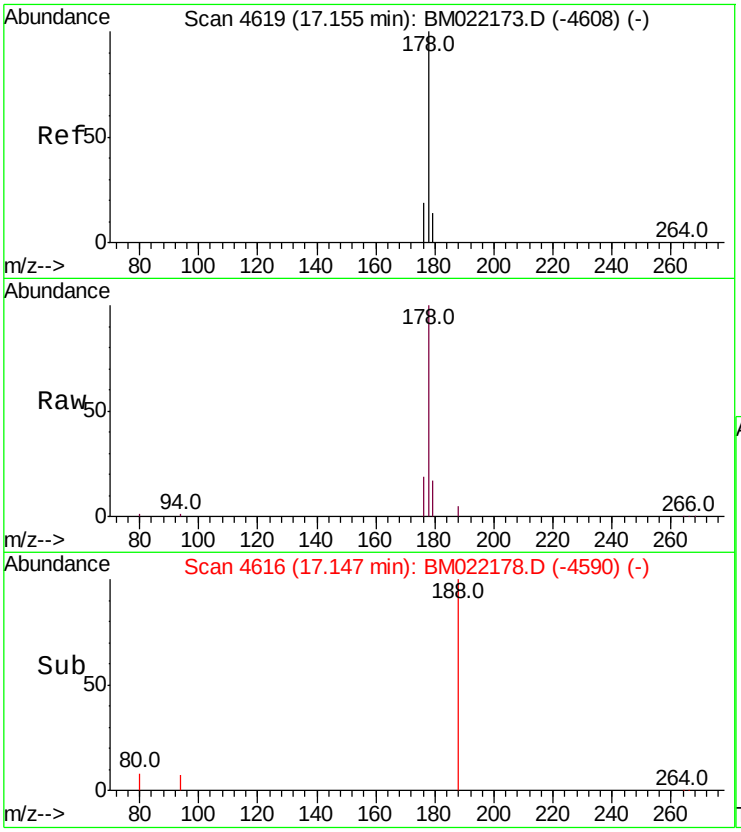


#12
Phenanthrene
Concen: 7.523 ng/ul
RT: 17.05 min Scan# 4589
Delta R.T. -0.01 min
Lab File: BM022178.D
Acq: 16 Aug 2019 20:02

Tgt Ion:178 Resp: 94824

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





#13
Anthracene
Concen: 2.575 ng/ul
RT: 17.15 min Scan# 4616
Delta R.T. -0.01 min
Lab File: BM022178.D
Acq: 16 Aug 2019 20:02

Tgt Ion:178 Resp: 27690

Ion	Ratio	Lower	Upper
178	100		
179	17.3	15.5	23.3
176	19.2	16.6	25.0

Instrument :
BNA_M
ClientSampleId :
C0AG6DL

Manual Integrations APPROVED
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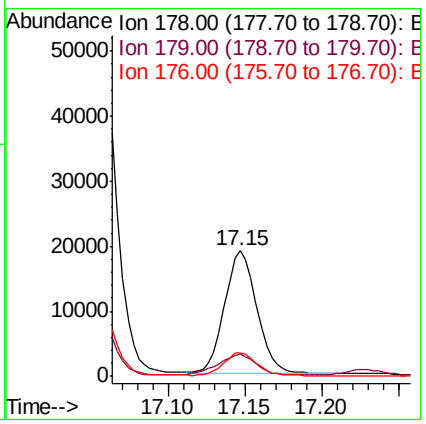
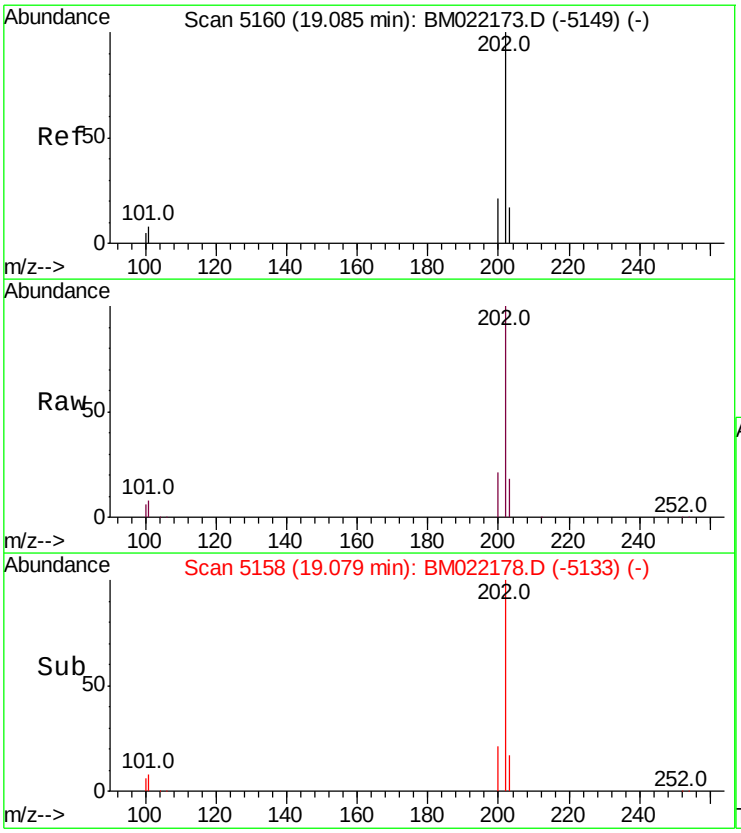
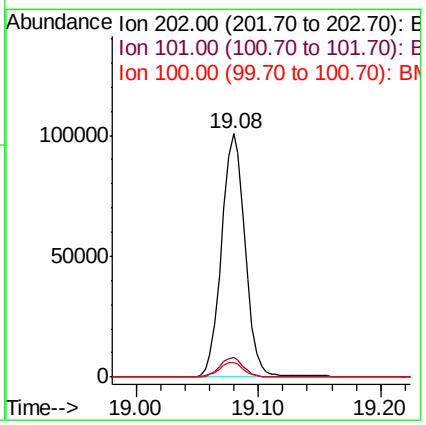


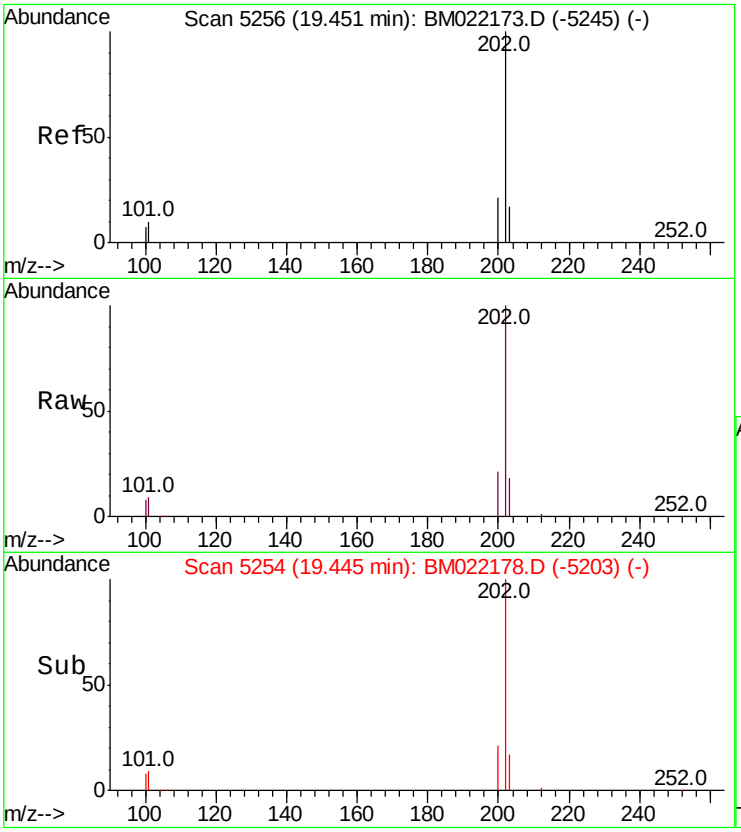


#15
Fluoranthene
Concen: 7.929 ng/ul
RT: 19.08 min Scan# 5158
Delta R.T. -0.01 min
Lab File: BM022178.D
Acq: 16 Aug 2019 20:02

Tgt Ion:202 Resp: 133873

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	30.2
100	6.2	0.0	28.1

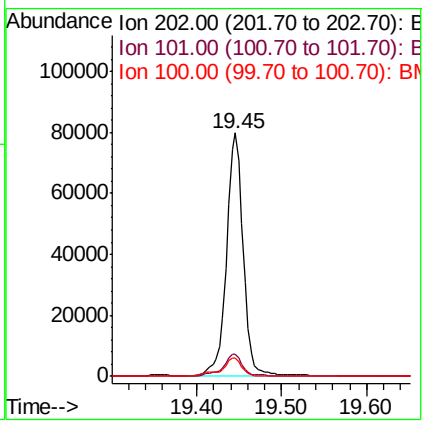




#17
Pyrene
Concen: 6.088 ng/ul
RT: 19.45 min Scan# 5254
Delta R.T. -0.01 min
Lab File: BM022178.D
Acq: 16 Aug 2019 20:02

Tgt Ion:202 Resp: 109229

Ion	Ratio	Lower	Upper
202	100		
101	9.3	8.3	12.5
100	7.7	7.2	10.8



Instrument :
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ClientSampleId :
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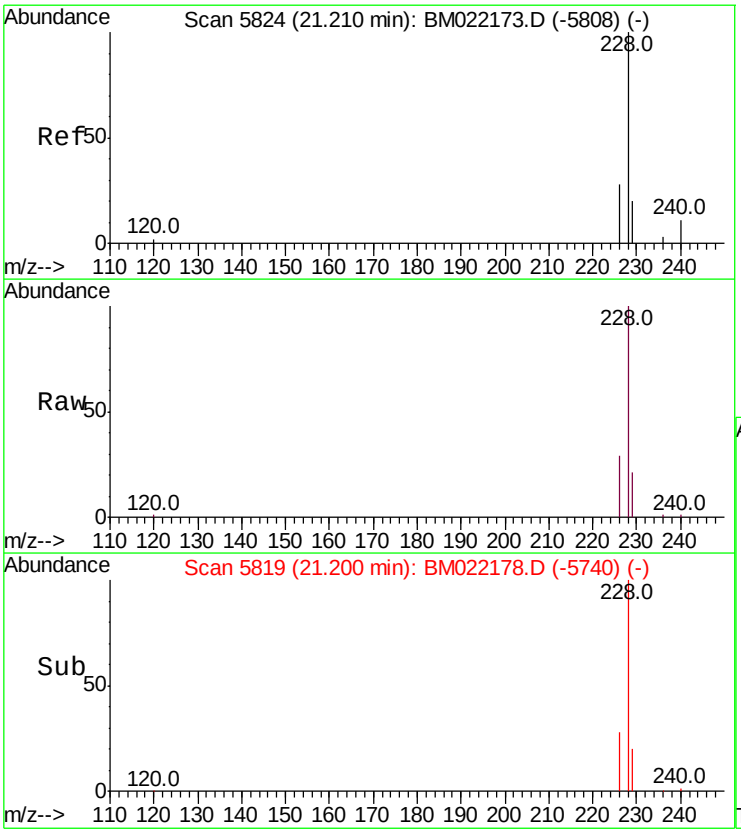
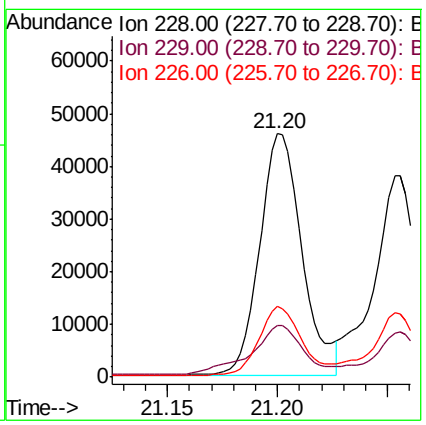
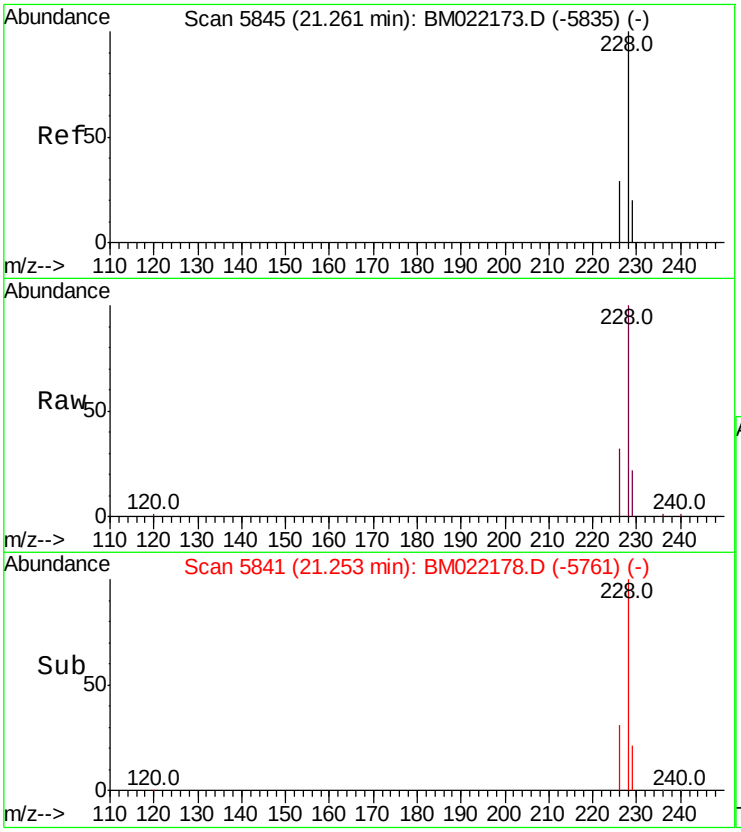


#18
Benzo(a)anthracene
Concen: 3.906 ng/ul
RT: 21.20 min Scan# 5819
Delta R.T. -0.01 min
Lab File: BM022178.D
Acq: 16 Aug 2019 20:02

Tgt Ion:228 Resp: 60992

Ion	Ratio	Lower	Upper
228	100		
229	21.1	17.2	25.8
226	29.0	22.6	34.0

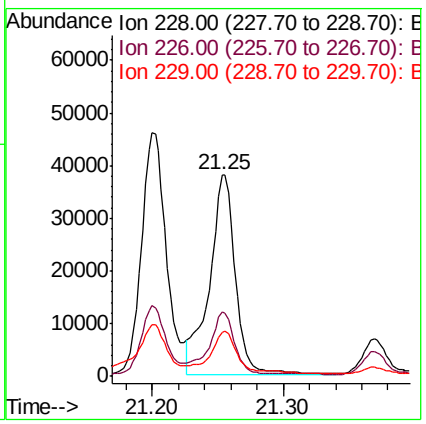




#19
Chrysene
Concen: 2.600 ng/ul
RT: 21.25 min Scan# 5841
Delta R.T. -0.01 min
Lab File: BM022178.D
Acq: 16 Aug 2019 20:02

Tgt Ion:228 Resp: 52215

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.9	37.3
229	22.0	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
C0AG6DL

Manual Integrations APPROVED
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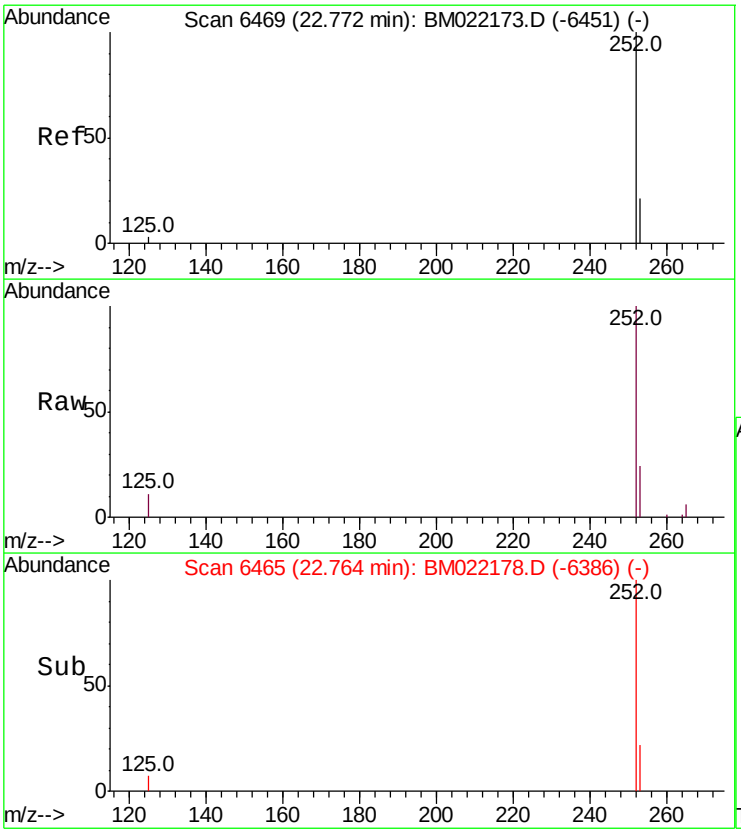
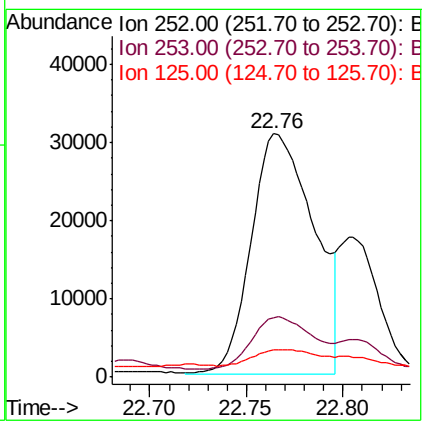
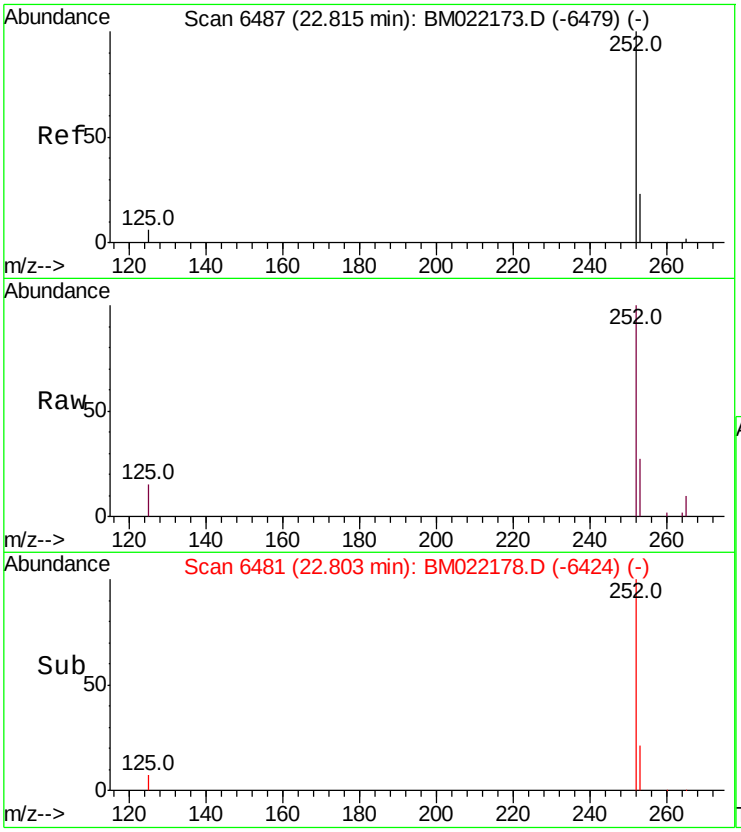


#21
Benzo(b)fluoranthene
Concen: 4.139 ng/ul m
RT: 22.76 min Scan# 6465
Delta R.T. -0.01 min
Lab File: BM022178.D
Acq: 16 Aug 2019 20:02

Tgt Ion:252 Resp: 69360

Ion	Ratio	Lower	Upper
252	100		
253	24.5	0.0	67.4
125	11.1	0.0	31.0

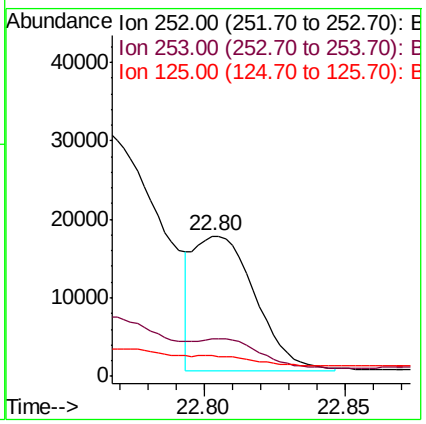




#22
Benzo(k)fluoranthene
Concen: 1.382 ng/ul m
RT: 22.80 min Scan# 6481
Delta R.T. -0.01 min
Lab File: BM022178.D
Acq: 16 Aug 2019 20:02

Tgt Ion:252 Resp: 26210

Ion	Ratio	Lower	Upper
252	100		
253	26.6	27.0	40.4#
125	14.6	12.2	18.2



Instrument :
BNA_M
ClientSampleId :
C0AG6DL

Manual Integrations APPROVED
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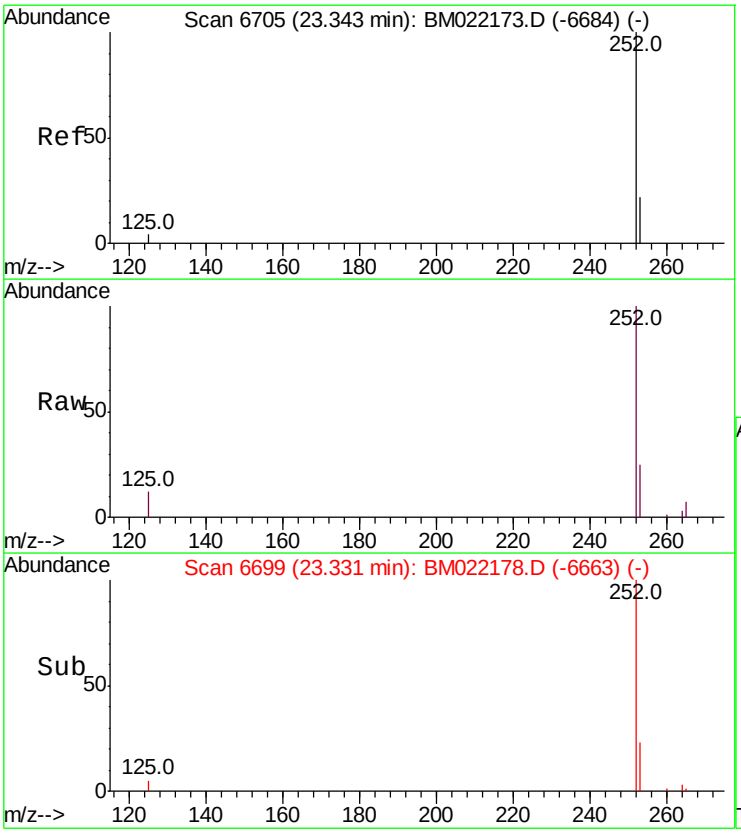
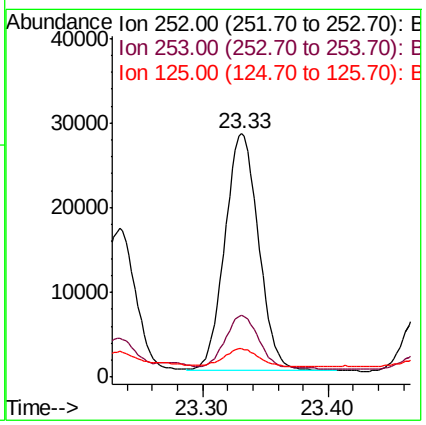
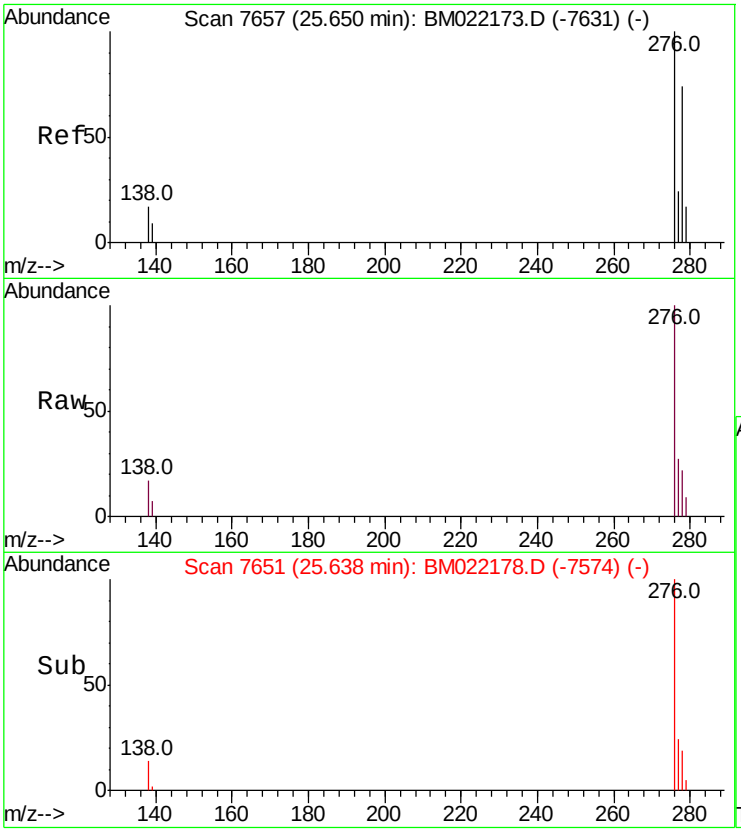


#23
Benzo(a)pyrene
Concen: 3.076 ng/ul
RT: 23.33 min Scan# 6699
Delta R.T. -0.01 min
Lab File: BM022178.D
Acq: 16 Aug 2019 20:02

Tgt Ion:252 Resp: 52427

Ion	Ratio	Lower	Upper
252	100		
253	25.4	31.7	47.5#
125	11.6	14.6	21.8#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.605 ng/ul
RT: 25.64 min Scan# 7651
Delta R.T. -0.01 min
Lab File: BM022178.D
Acq: 16 Aug 2019 20:02

Tgt Ion:276 Resp: 32661

Ion	Ratio	Lower	Upper
276	100		
138	14.6	15.1	22.7#
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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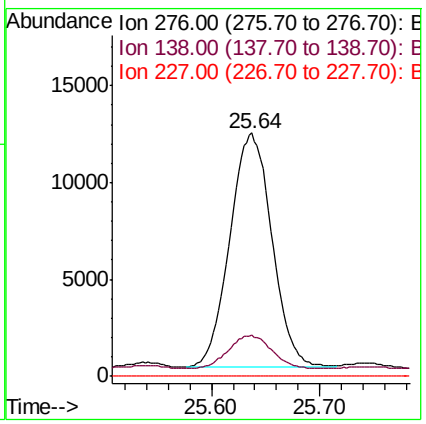
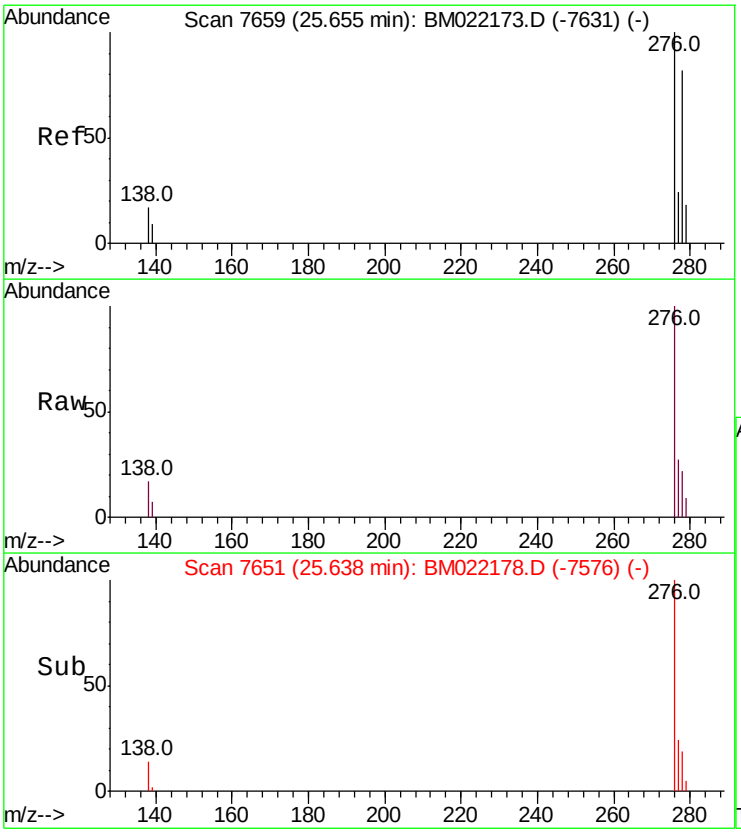
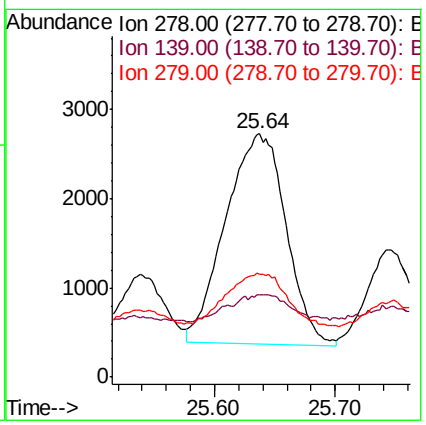


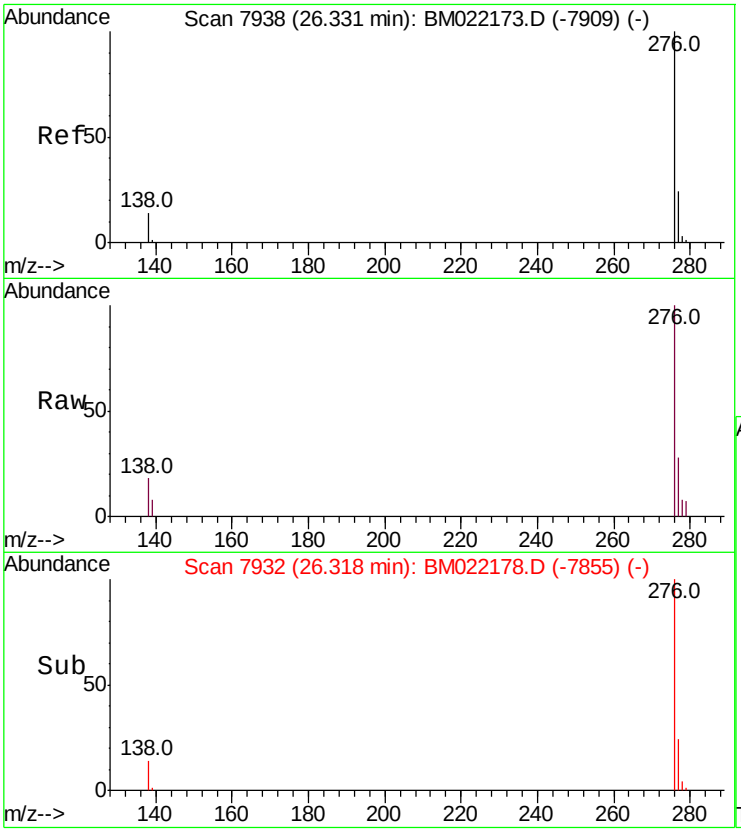


#25
Dibenzo(a,h)anthracene
Concen: 0.496 ng/ul
RT: 25.64 min Scan# 7651
Delta R.T. -0.02 min
Lab File: BM022178.D
Acq: 16 Aug 2019 20:02

Tgt Ion:278 Resp: 8164

Ion	Ratio	Lower	Upper
278	100		
139	33.9	14.2	21.2#
279	42.3	28.3	42.5

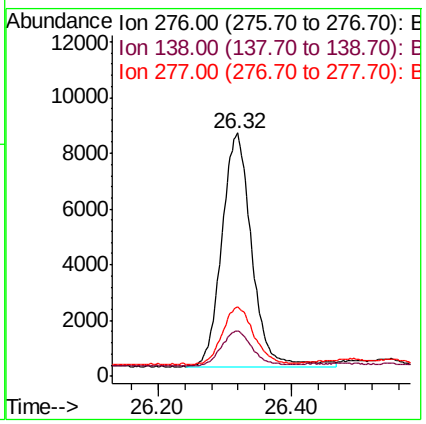




#26
Benzo(g,h,i)perylene
Concen: 1.412 ng/ul
RT: 26.32 min Scan# 7932
Delta R.T. -0.01 min
Lab File: BM022178.D
Acq: 16 Aug 2019 20:02

Tgt Ion:276 Resp: 25872

Ion	Ratio	Lower	Upper
276	100		
138	18.4	15.5	23.3
277	28.4	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
C0AG6DL

Manual Integrations APPROVED
mohammad
8/19/2019 5:32:23 PM