Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\
Data File : BM022052.D
Acq On : 13 Aug 2019 04:07
Operator : HP/JU
Sample : K4041-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW7

Manual Integrations APPROVED
mohammad
8/14/2019 2:48:26 AM

Quant Time: Aug 13 09:11:09 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 : Tue Aug 13 08:25:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	991	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.38	136	4058	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.26	164	2172	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	5089m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.22	240	4913m	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	5266m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	1467	0.22	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	4135m	0.24	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.43	128	4165	0.363	ng/ul	96
5) 2-Methylnaphthalene	12.06	142	2534	0.332	ng/ul	97
7) Acenaphthylene	13.98	152	11080	1.094	ng/ul#	82
8) Acenaphthene	14.32	153	2475	0.299	ng/ul	99
9) Fluorene	15.31	166	3237	0.352	ng/ul	98
12) Phenanthrene	17.06	178	76388m	5.159	ng/ul	
13) Anthracene	17.15	178	20874m	1.653	ng/ul	
15) Fluoranthene	19.08	202	168796m	8.510	ng/ul	
17) Pyrene	19.45	202	195383	9.678	ng/ul	98
18) Benzo(a)anthracene	21.20	228	127047m	7.229	ng/ul	
19) Chrysene	21.26	228	131494	5.818	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	154705m	8.712	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	58385m	2.905	ng/ul	
23) Benzo(a)pyrene	23.33	252	120833m	6.691	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.63	276	75224m	3.489	ng/ul	
25) Dibenzo(a,h)anthracene	25.63	278	23515m	1.349	ng/ul	
26) Benzo(g,h,i)perylene	26.31	276	79273m	4.084	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\
Data File : BM022052.D
Acq On : 13 Aug 2019 04:07
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Sample : K4041-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

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QLast Update : Tue Aug 13 08:25:01 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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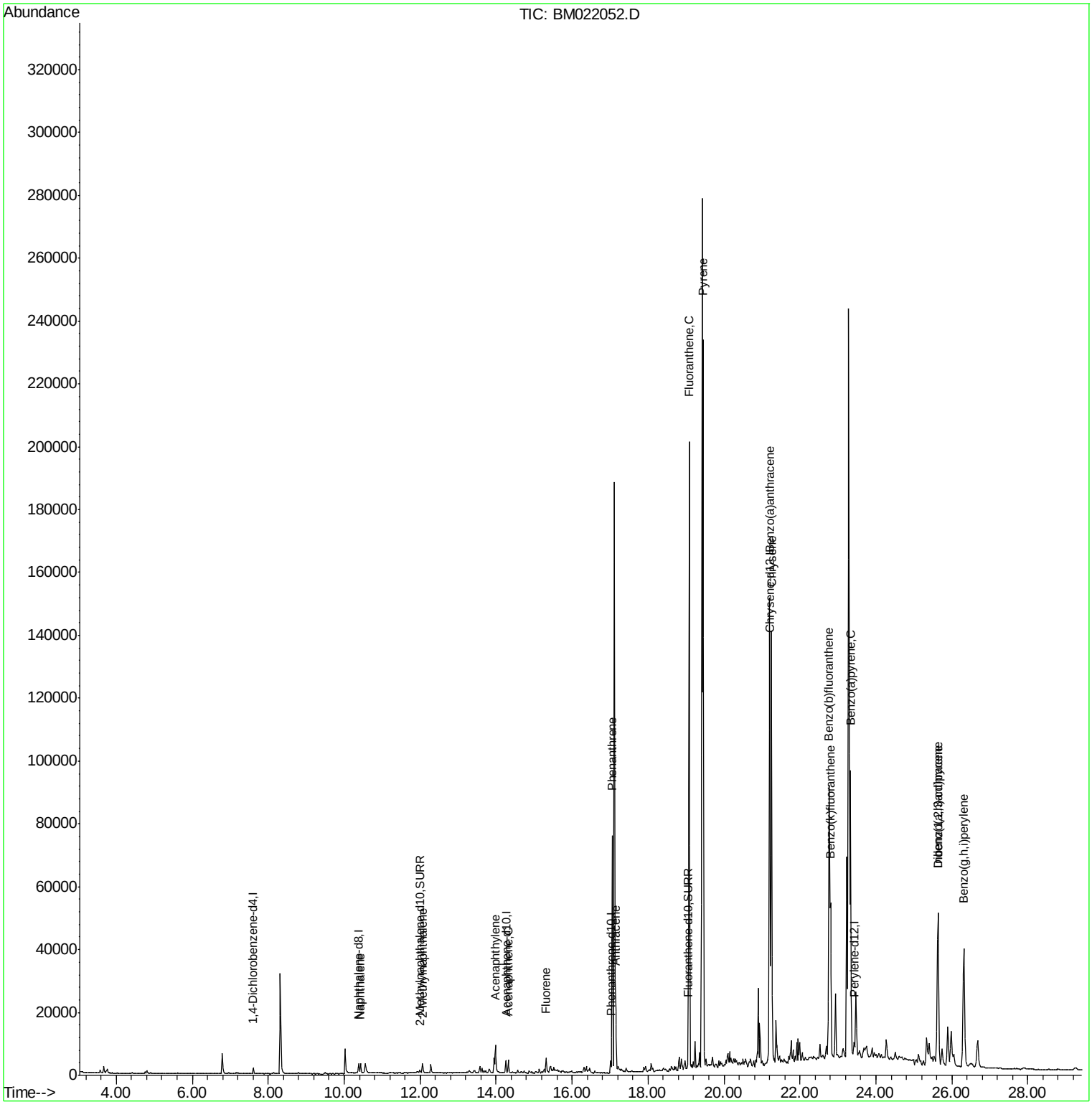
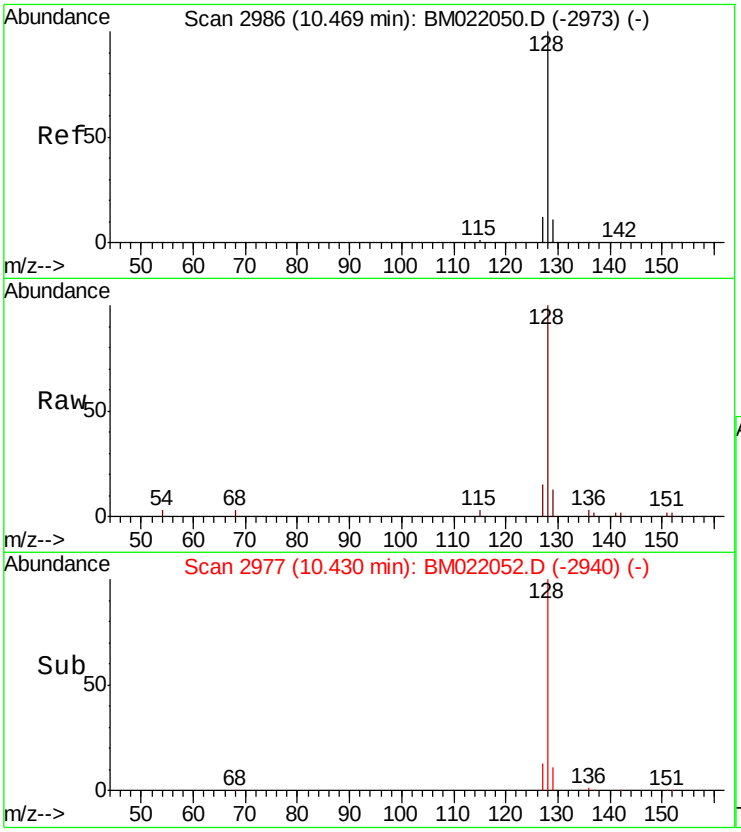
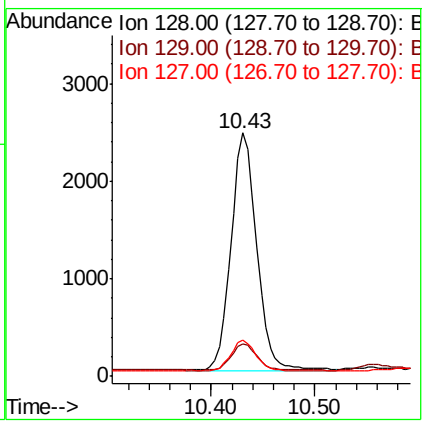




#3
Naphthalene
Concen: 0.363 ng/ul
RT: 10.43 min Scan# 2977
Delta R.T. -0.03 min
Lab File: BM022052.D
Acq: 13 Aug 2019 04:07

Tgt Ion:128 Resp: 4165

Ion	Ratio	Lower	Upper
128	100		
129	13.4	12.3	18.5
127	15.0	13.0	19.6



Instrument :
BNA_M
ClientSampleId :
BENW7

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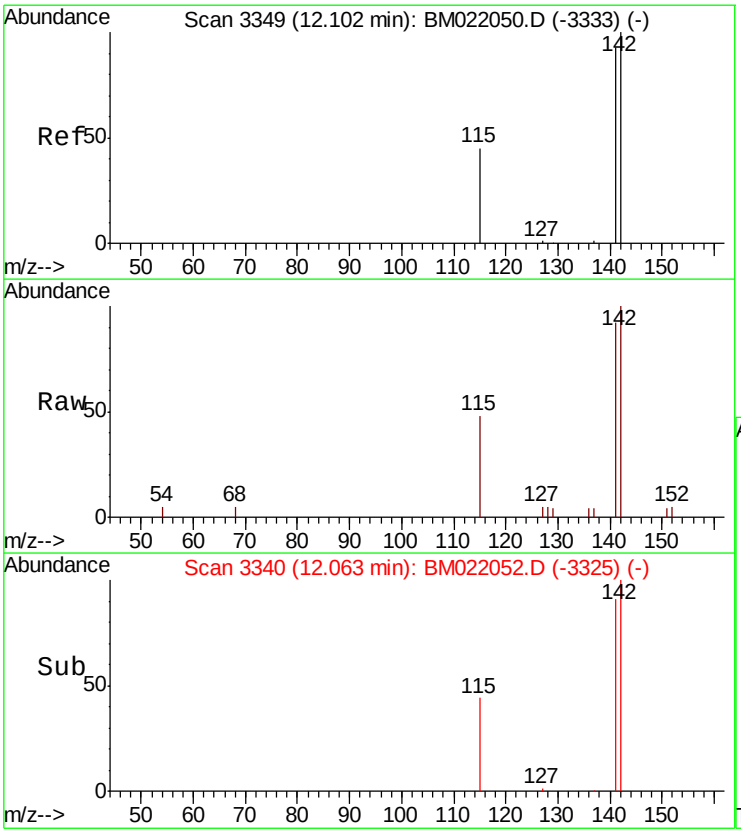
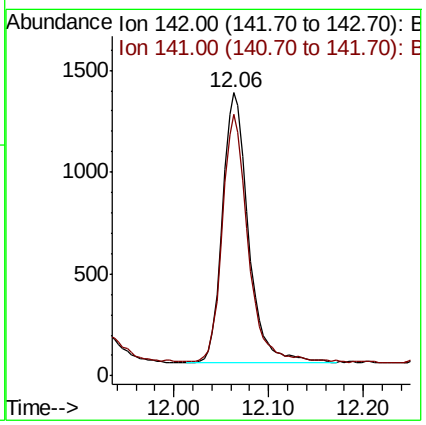
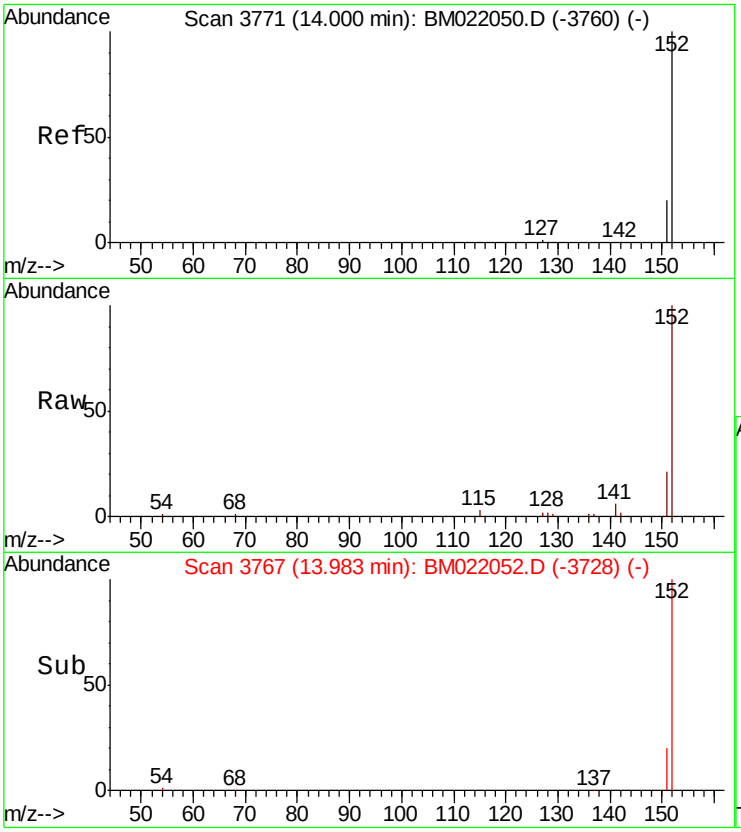


#5
2-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 12.06 min Scan# 3340
Delta R.T. -0.03 min
Lab File: BM022052.D
Acq: 13 Aug 2019 04:07

Tgt Ion:142 Resp: 2534

Ion	Ratio	Lower	Upper
142	100		
141	90.4	74.3	111.5





#7
Acenaphthylene
Concen: 1.094 ng/ul
RT: 13.98 min Scan# 3767
Delta R.T. -0.02 min
Lab File: BM022052.D
Acq: 13 Aug 2019 04:07

Tgt Ion:152 Resp: 11080

Ion	Ratio	Lower	Upper
152	100		
151	20.8	18.3	27.5
153	0.0	12.8	19.2#

Instrument :
BNA_M
ClientSampleId :
BENW7

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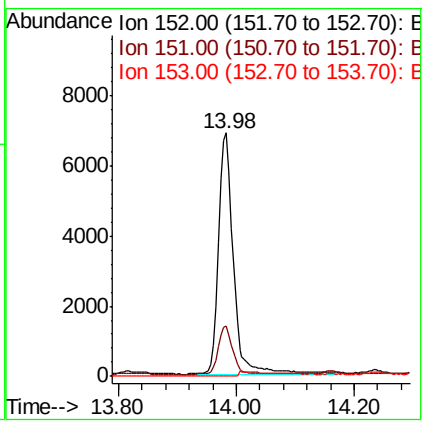
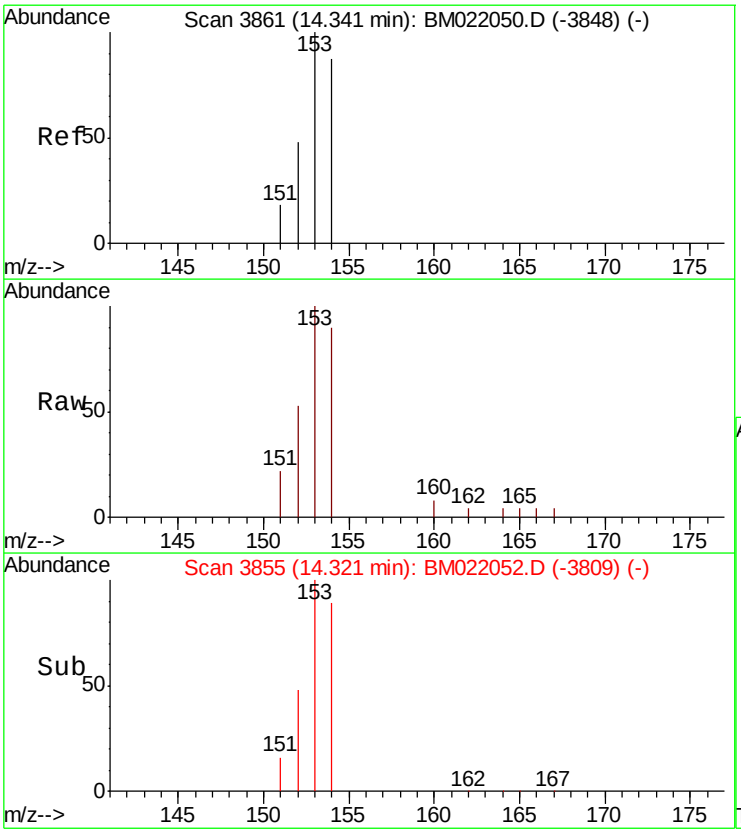
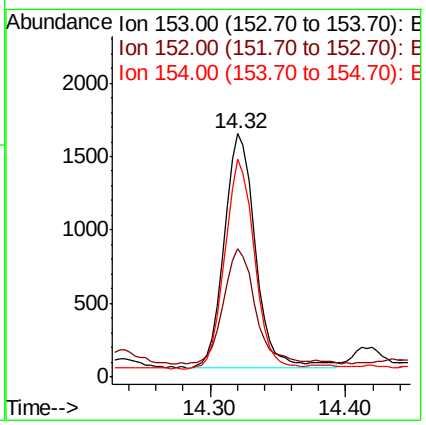


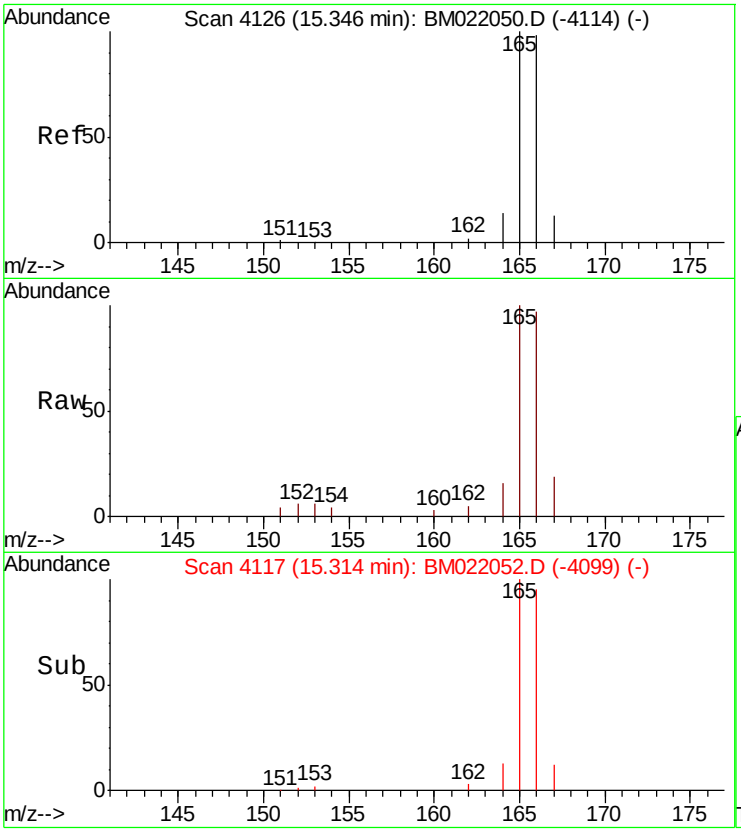


#8
Acenaphthene
Concen: 0.299 ng/ul
RT: 14.32 min Scan# 3855
Delta R.T. -0.02 min
Lab File: BM022052.D
Acq: 13 Aug 2019 04:07

Tgt Ion:153 Resp: 2475

Ion	Ratio	Lower	Upper
153	100		
152	53.0	41.3	61.9
154	89.6	72.3	108.5

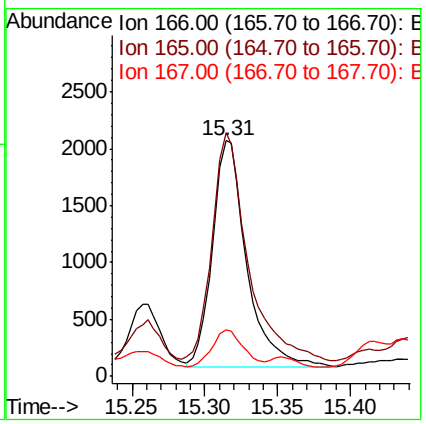




#9
Fluorene
Concen: 0.352 ng/ul
RT: 15.31 min Scan# 4117
Delta R.T. -0.03 min
Lab File: BM022052.D
Acq: 13 Aug 2019 04:07

Tgt Ion:166 Resp: 3237

Ion	Ratio	Lower	Upper
166	100		
165	103.3	81.4	122.0
167	19.9	13.7	20.5



Instrument :
BNA_M
ClientSampleId :
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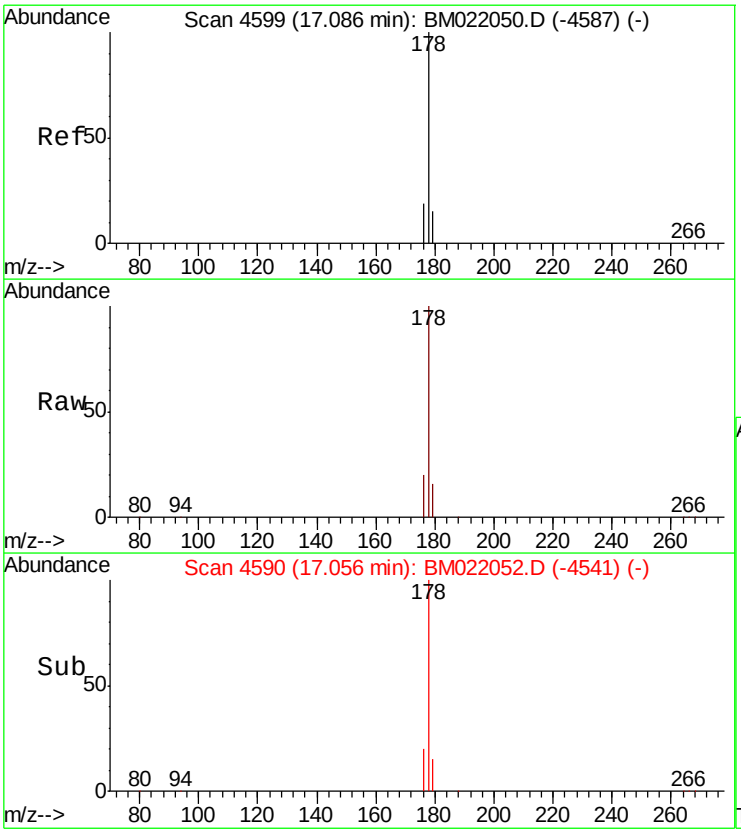
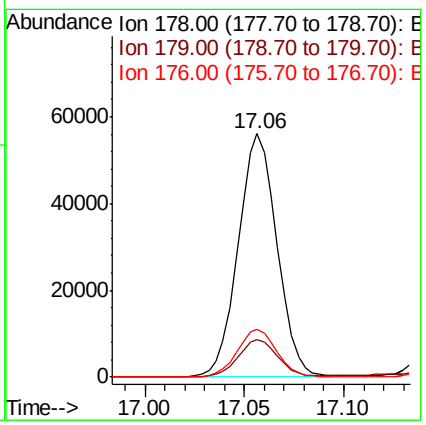
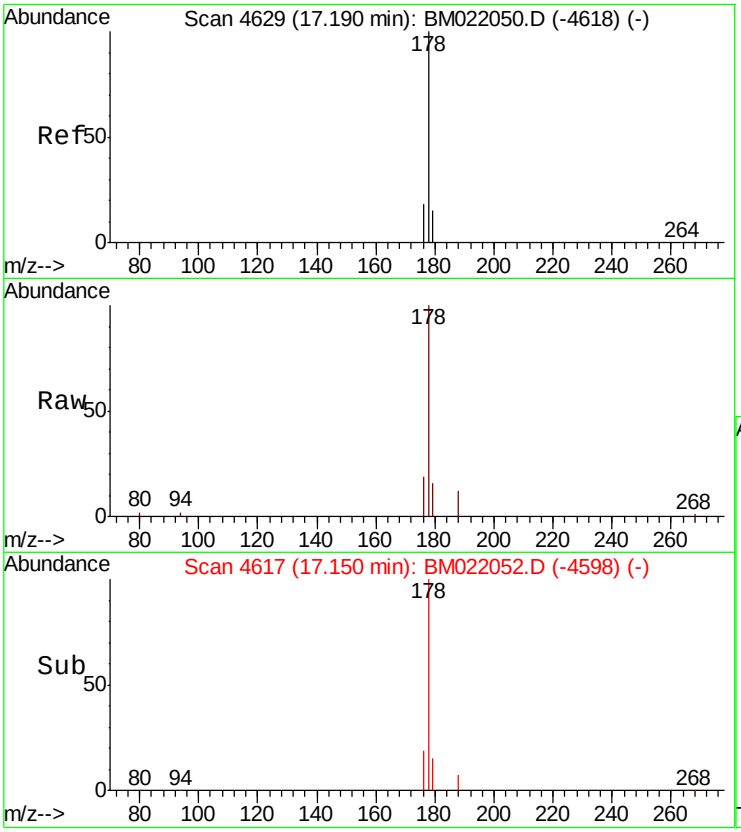


#12
Phenanthrene
Concen: 5.159 ng/ul m
RT: 17.06 min Scan# 4590
Delta R.T. -0.03 min
Lab File: BM022052.D
Acq: 13 Aug 2019 04:07

Tgt Ion:178 Resp: 76388

Ion	Ratio	Lower	Upper
178	100		
179	15.5	14.2	21.2
176	19.7	16.8	25.2

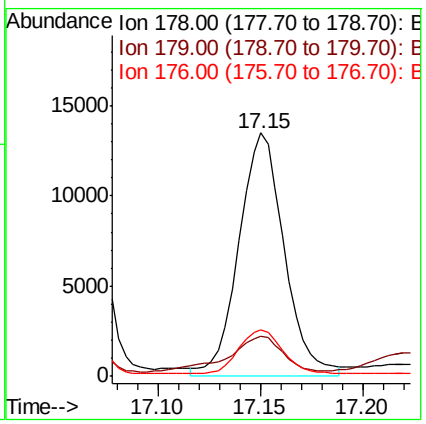




#13
Anthracene
Concen: 1.653 ng/ul m
RT: 17.15 min Scan# 4617
Delta R.T. -0.03 min
Lab File: BM022052.D
Acq: 13 Aug 2019 04:07

Tgt Ion:178 Resp: 20874

Ion	Ratio	Lower	Upper
178	100		
179	16.5	15.5	23.3
176	19.2	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
BENW7

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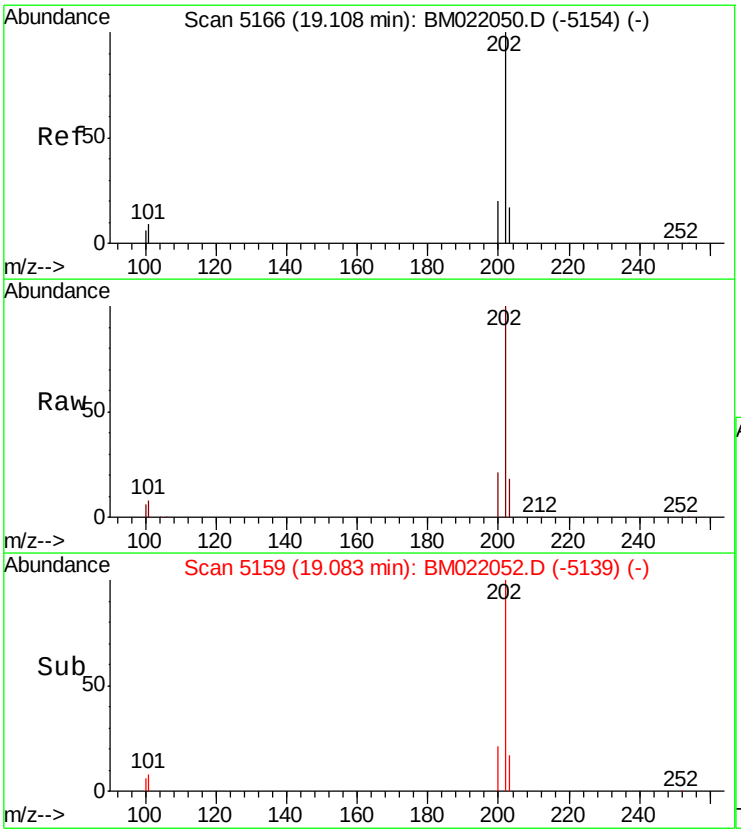
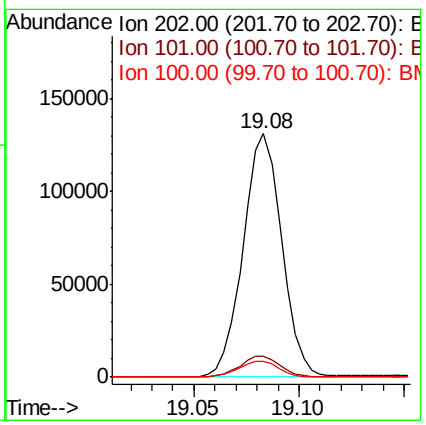
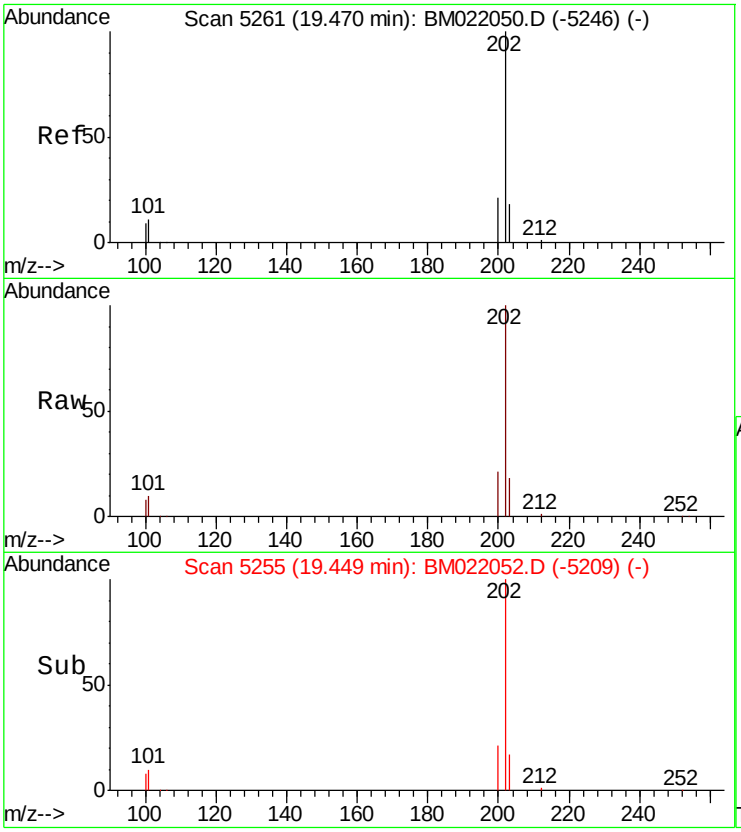


#15
Fluoranthene
Concen: 8.510 ng/ul m
RT: 19.08 min Scan# 5159
Delta R.T. -0.02 min
Lab File: BM022052.D
Acq: 13 Aug 2019 04:07

Tgt Ion:202 Resp: 168796

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

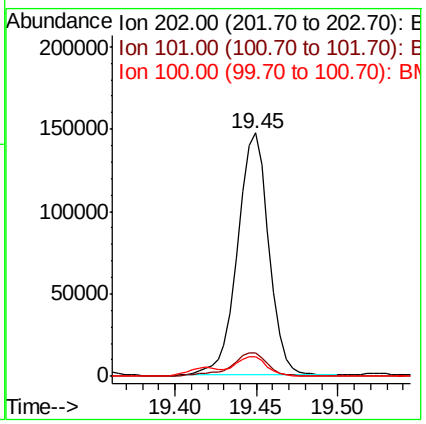




#17
Pyrene
Concen: 9.678 ng/ul
RT: 19.45 min Scan# 5255
Delta R.T. -0.02 min
Lab File: BM022052.D
Acq: 13 Aug 2019 04:07

Tgt Ion:202 Resp: 195383

Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.3	12.5
100	8.0	7.2	10.8



Instrument :
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ClientSampleId :
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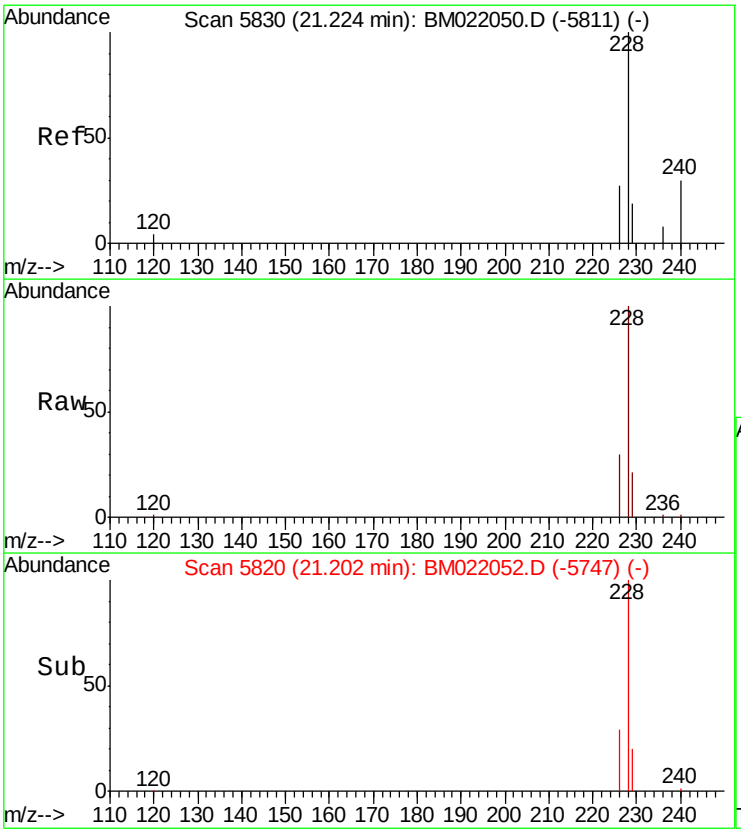
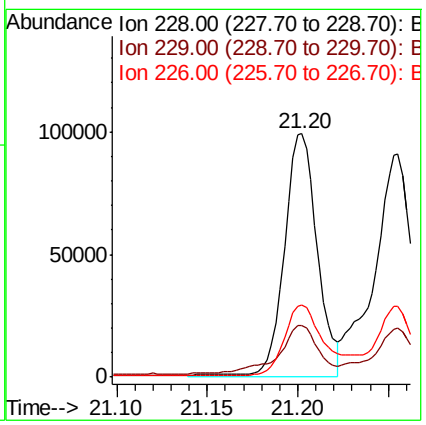
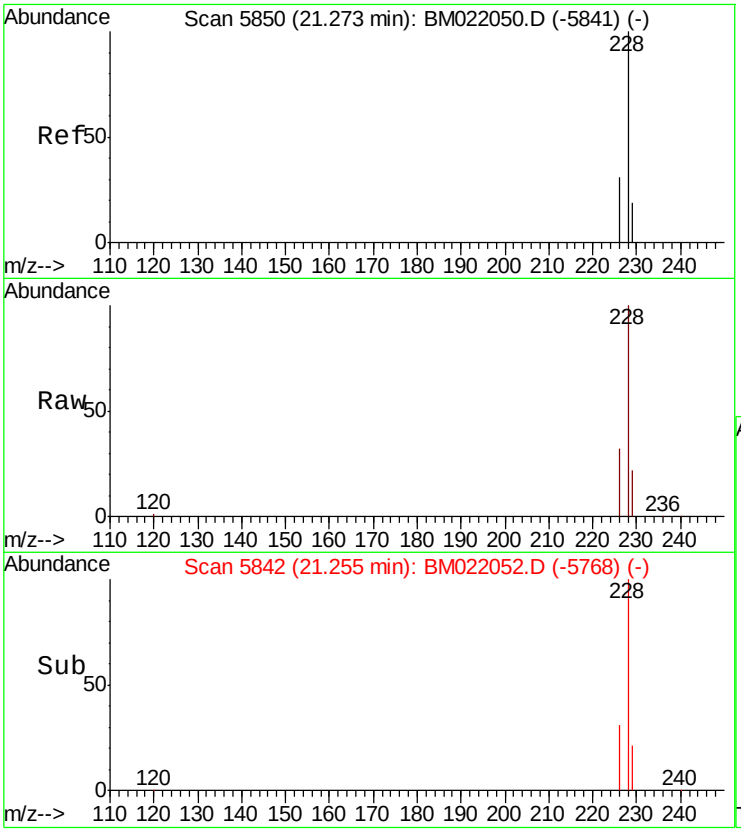


#18
Benzo(a)anthracene
Concen: 7.229 ng/ul m
RT: 21.20 min Scan# 5820
Delta R.T. -0.02 min
Lab File: BM022052.D
Acq: 13 Aug 2019 04:07

Tgt Ion:228 Resp: 127047

Ion	Ratio	Lower	Upper
228	100		
229	21.2	17.2	25.8
226	29.6	22.6	34.0

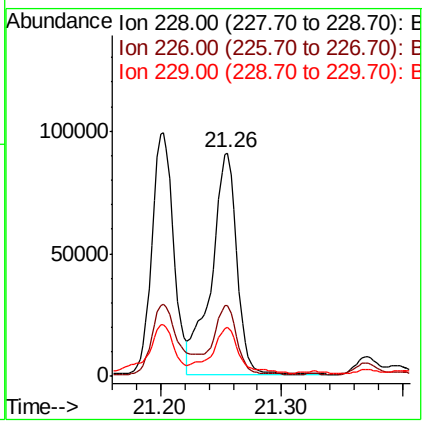




#19
Chrysene
Concen: 5.818 ng/ul
RT: 21.26 min Scan# 5842
Delta R.T. -0.02 min
Lab File: BM022052.D
Acq: 13 Aug 2019 04:07

Tgt Ion:228 Resp: 131494

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	21.8	16.6	25.0



Instrument :
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ClientSampleId :
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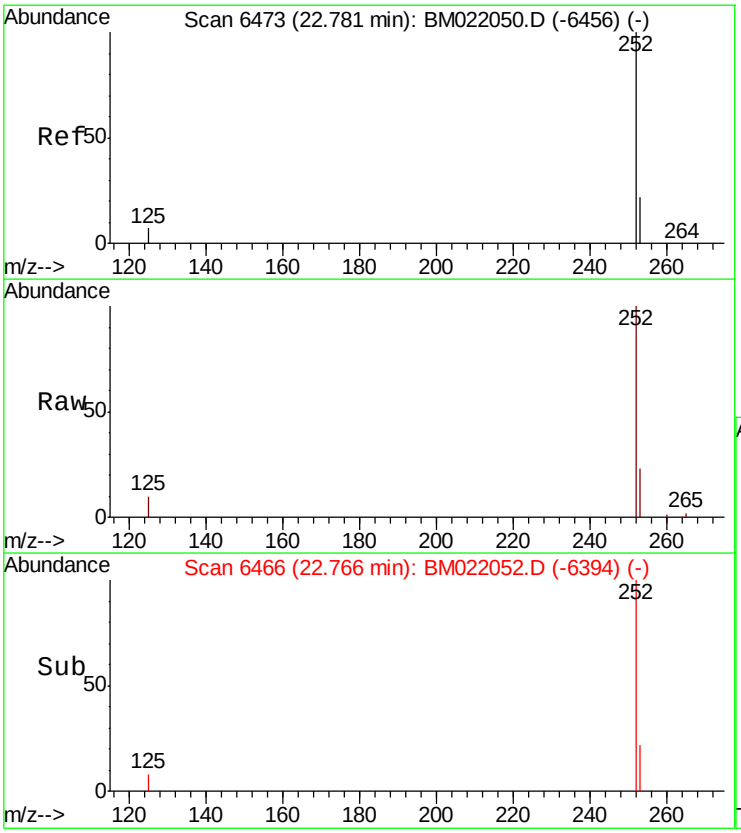
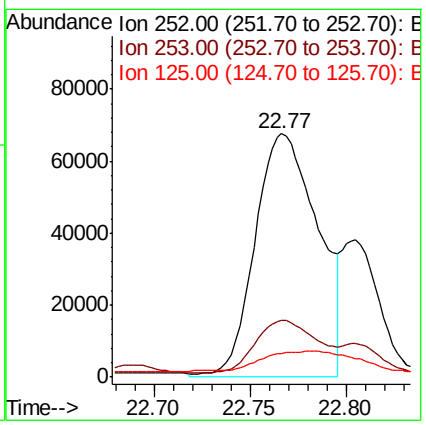
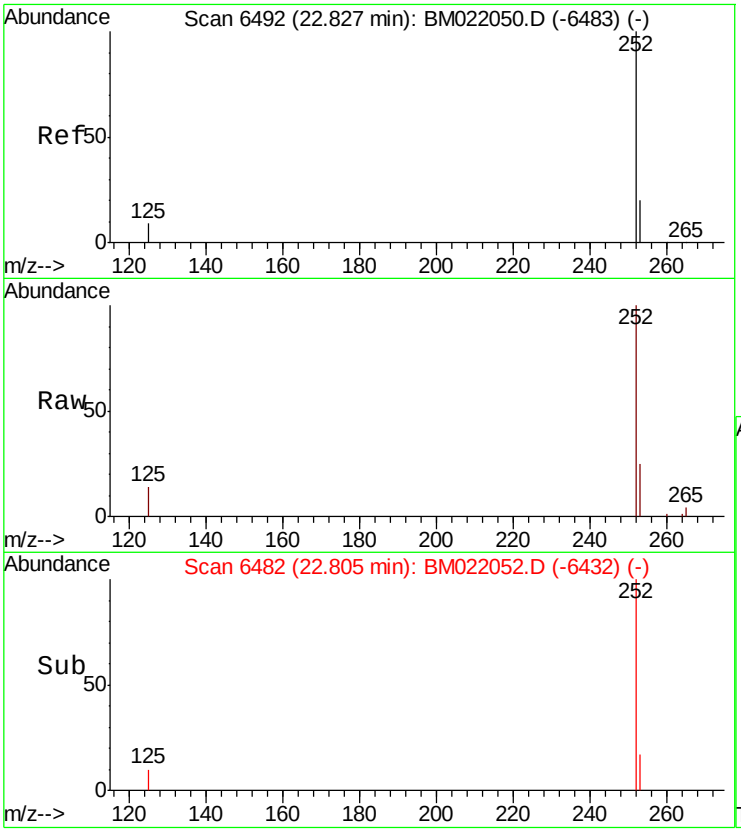


#21
Benzo(b)fluoranthene
Concen: 8.712 ng/ul m
RT: 22.77 min Scan# 6466
Delta R.T. -0.02 min
Lab File: BM022052.D
Acq: 13 Aug 2019 04:07

Tgt Ion:252 Resp: 154705

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	67.4
125	9.8	0.0	31.0





#22
Benzo(k)fluoranthene
Concen: 2.905 ng/ul m
RT: 22.81 min Scan# 6482
Delta R.T. -0.03 min
Lab File: BM022052.D
Acq: 13 Aug 2019 04:07

Tgt Ion:252 Resp: 58385

Ion	Ratio	Lower	Upper
252	100		
253	24.7	27.0	40.4#
125	13.7	12.2	18.2

Instrument :
BNA_M
ClientSampleId :
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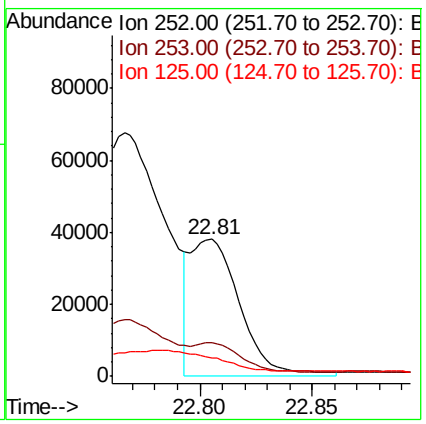
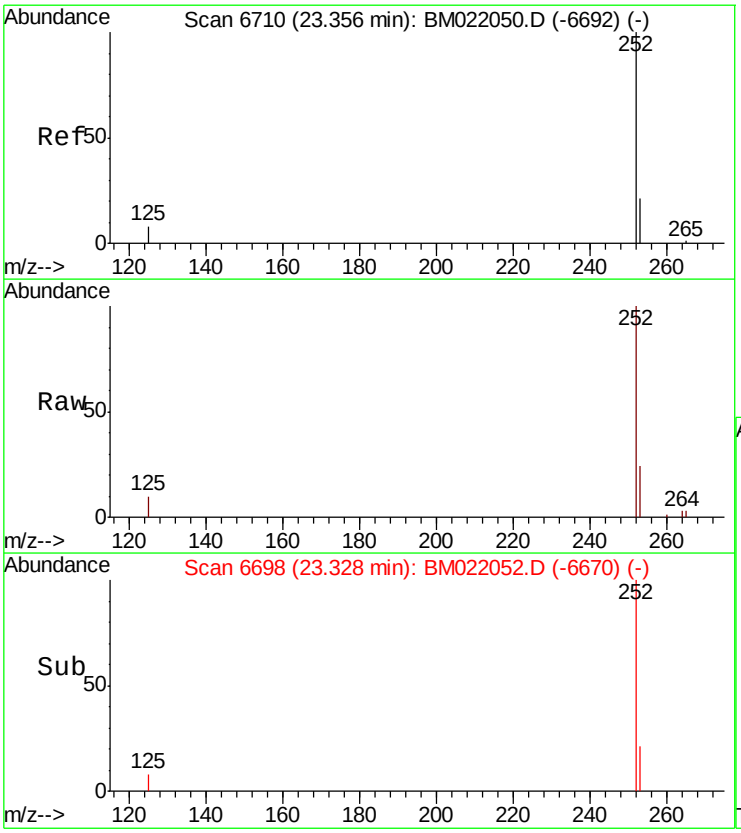
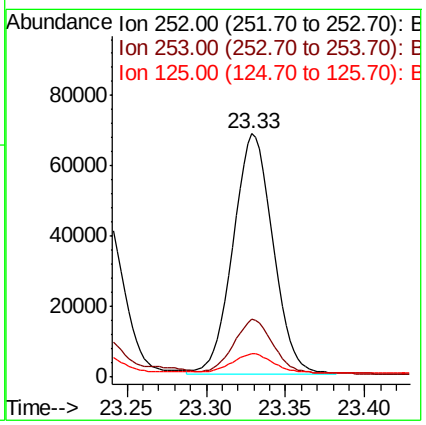


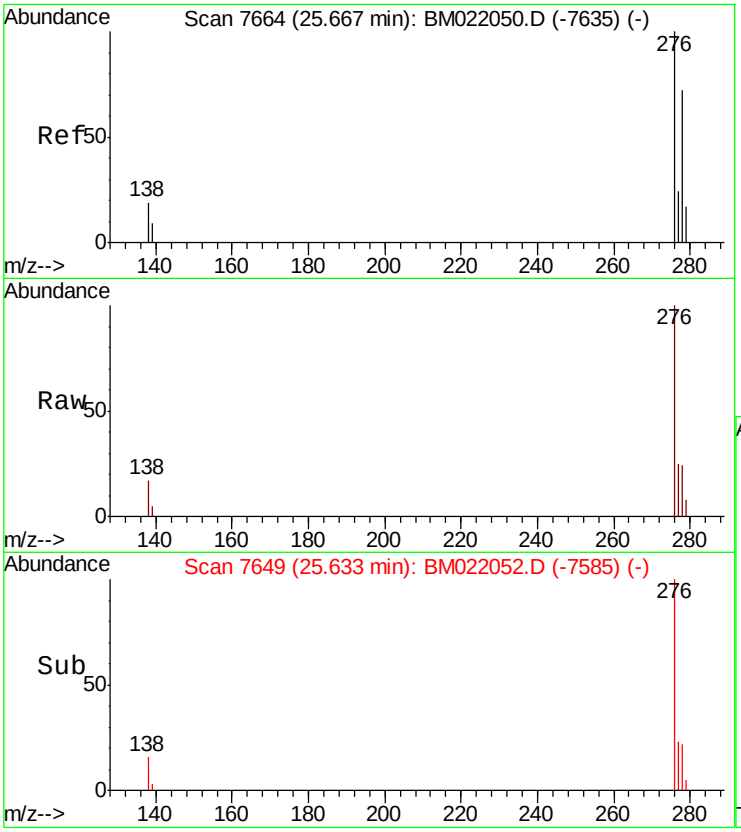


#23
Benzo(a)pyrene
Concen: 6.691 ng/ul m
RT: 23.33 min Scan# 6698
Delta R.T. -0.03 min
Lab File: BM022052.D
Acq: 13 Aug 2019 04:07

Tgt Ion:252 Resp: 120833

Ion	Ratio	Lower	Upper
252	100		
253	23.6	31.7	47.5#
125	9.6	14.6	21.8#

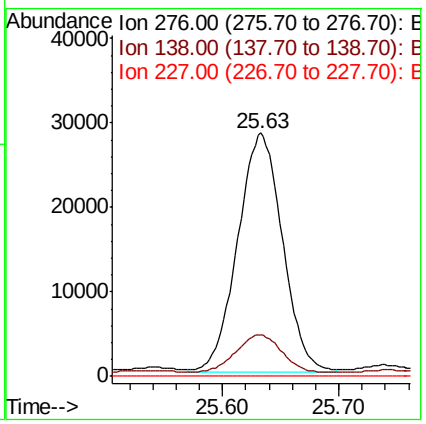




#24
Indeno(1,2,3-cd)pyrene
Concen: 3.489 ng/ul m
RT: 25.63 min Scan# 7649
Delta R.T. -0.04 min
Lab File: BM022052.D
Acq: 13 Aug 2019 04:07

Tgt Ion:276 Resp: 75224

Ion	Ratio	Lower	Upper
276	100		
138	1.3	15.1	22.7#
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
BENW7

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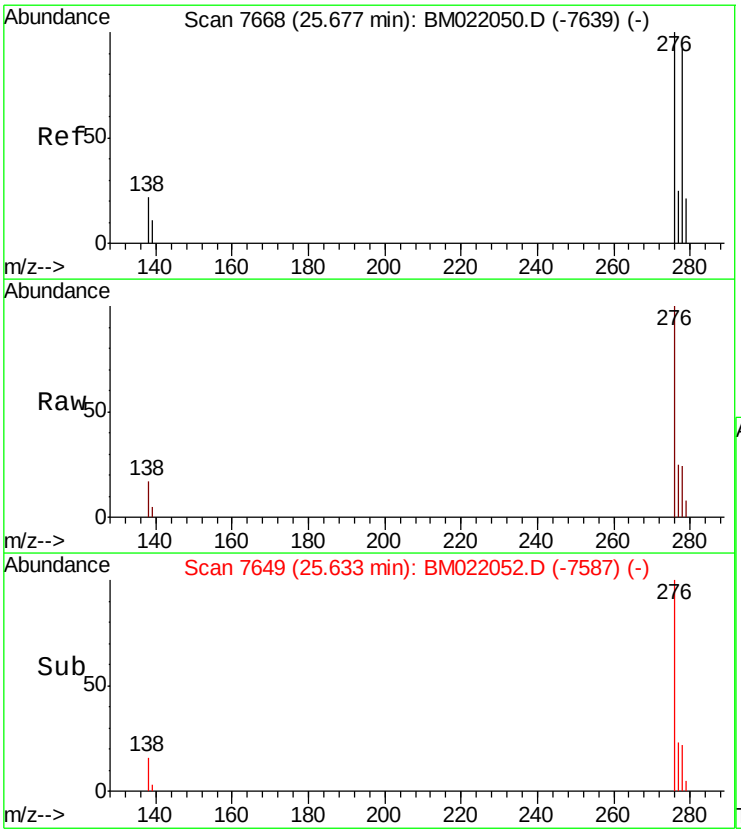
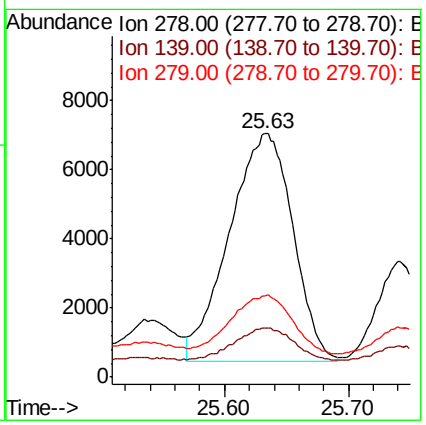
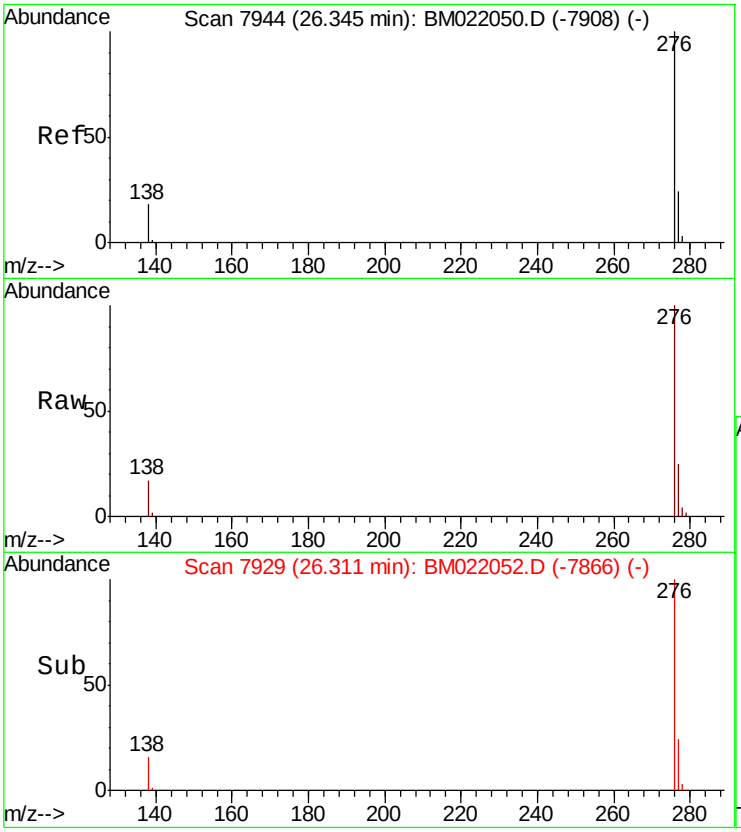


#25
Dibenzo(a,h)anthracene
Concen: 1.349 ng/ul m
RT: 25.63 min Scan# 7649
Delta R.T. -0.05 min
Lab File: BM022052.D
Acq: 13 Aug 2019 04:07

Tgt Ion:278 Resp: 23515

Ion	Ratio	Lower	Upper
278	100		
139	20.0	14.2	21.2
279	33.4	28.3	42.5

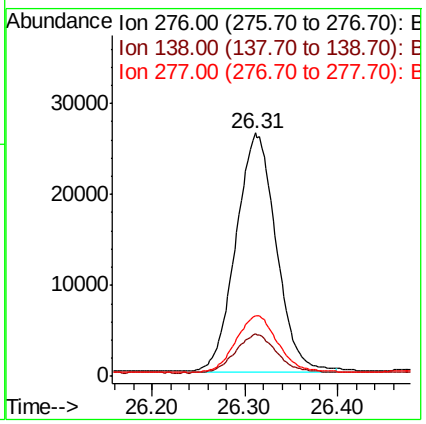




#26
Benzo(g,h,i)perylene
Concen: 4.084 ng/ul m
RT: 26.31 min Scan# 7929
Delta R.T. -0.05 min
Lab File: BM022052.D
Acq: 13 Aug 2019 04:07

Tgt Ion:276 Resp: 79273

Ion	Ratio	Lower	Upper
276	100		
138	17.3	15.5	23.3
277	25.0	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
BENW7

Manual Integrations APPROVED
mohammad
8/14/2019 2:48:26 AM