Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022121.D
Acq On : 14 Aug 2019 23:06
Operator : HP/JU
Sample : K4304-06DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 15 11:25:21 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 :
CB5N7DL

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	882	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	3623	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	1880	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.01	188	3999	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	3974	0.40	ng/ul	-0.01
20) Perylene-d12	23.43	264	4227	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	473	0.08	ng/ul	-0.01
14) Fluoranthene-d10	19.05	212	1019	0.08	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.43	128	2525	0.247	ng/ul	99
5) 2-Methylnaphthalene	12.08	142	982	0.144	ng/ul	98
7) Acenaphthylene	13.98	152	1514	0.173	ng/ul#	82
8) Acenaphthene	14.32	153	2325	0.324	ng/ul	96
9) Fluorene	15.32	166	2319	0.291	ng/ul	99
12) Phenanthrene	17.05	178	39764	3.417	ng/ul	96
13) Anthracene	17.15	178	8629	0.869	ng/ul	96
15) Fluoranthene	19.08	202	71131	4.564	ng/ul	96
17) Pyrene	19.45	202	61695	3.778	ng/ul	99
18) Benzo(a)anthracene	21.20	228	33496	2.356	ng/ul	99
19) Chrysene	21.25	228	30896	1.690	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	44019m	3.088	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	17224m	1.068	ng/ul	
23) Benzo(a)pyrene	23.33	252	29710	2.050	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.63	276	20562	1.188	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.63	278	5345	0.382	ng/ul#	96
26) Benzo(g,h,i)perylene	26.31	276	17348	1.113	ng/ul	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 15 11:25:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
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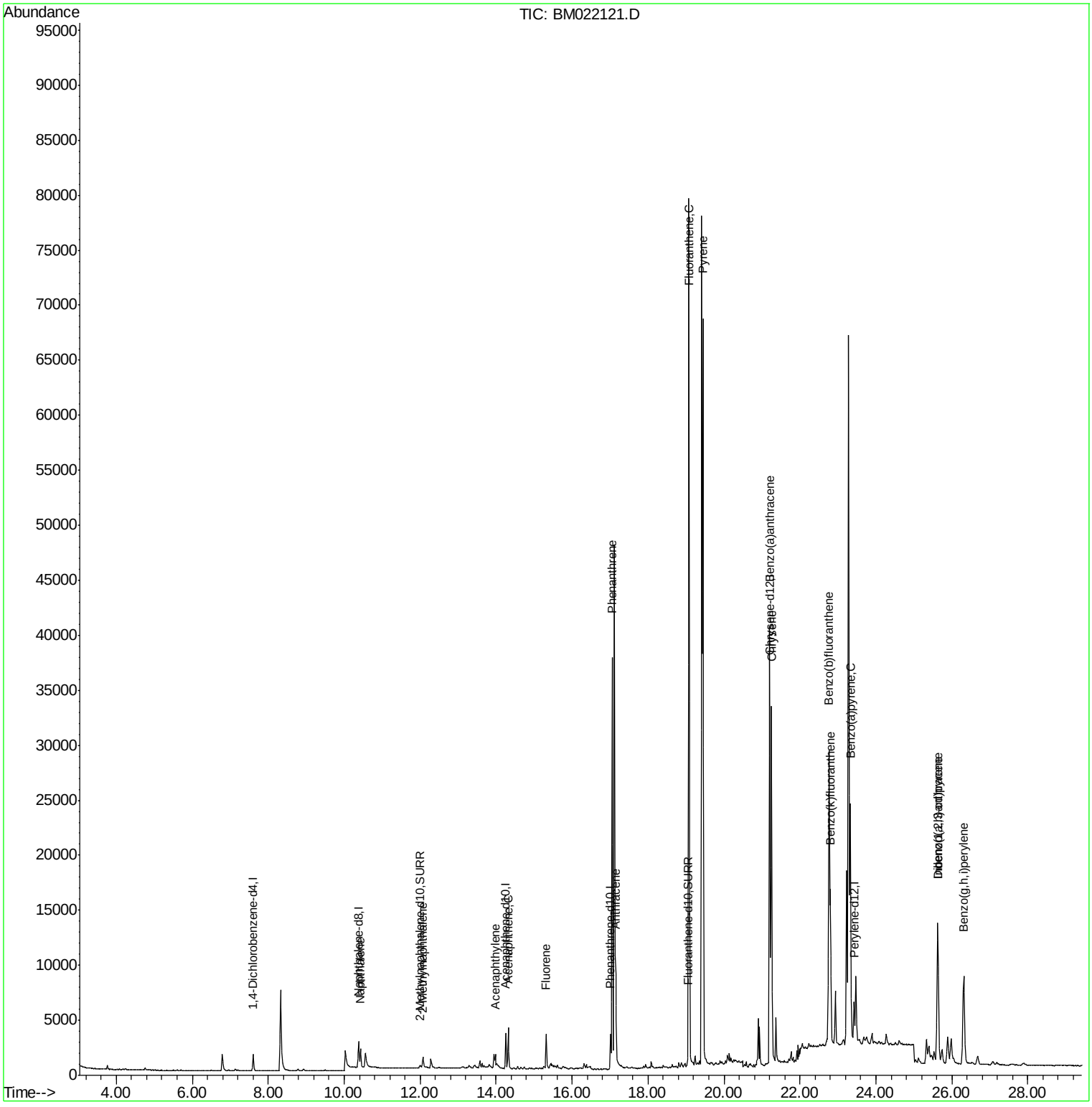
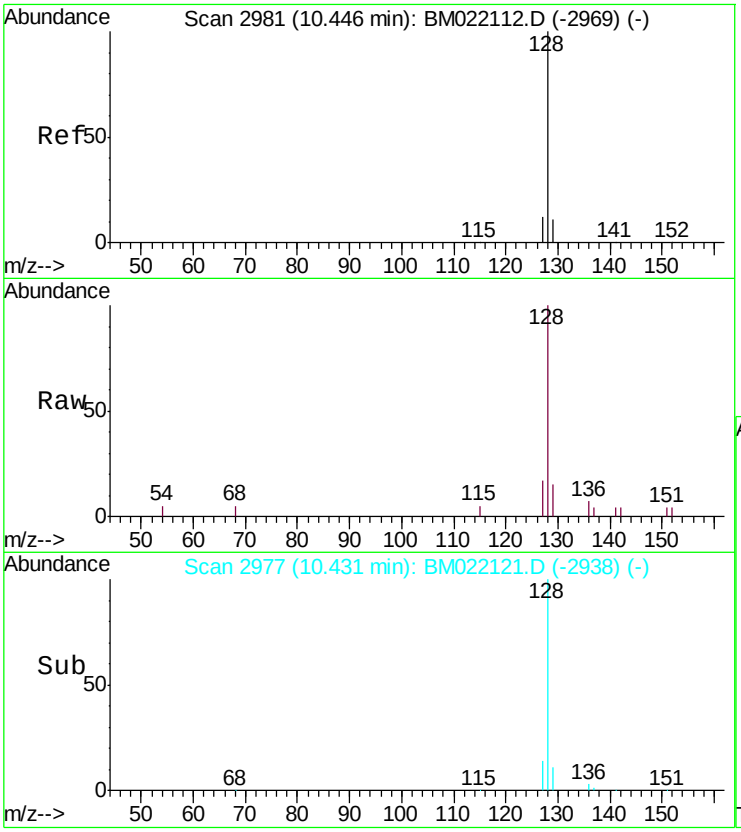
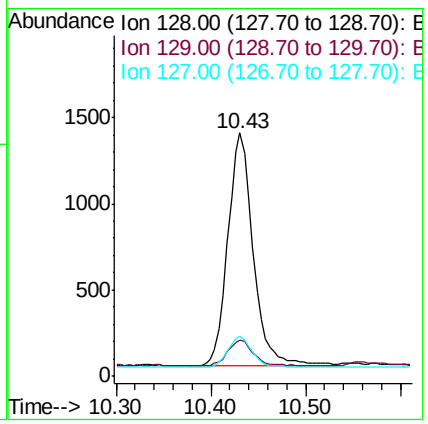




#3
Naphthalene
Concen: 0.247 ng/ul
RT: 10.43 min Scan# 2977
Delta R.T. -0.02 min
Lab File: BM022121.D
Acq: 14 Aug 2019 23:06

Tgt Ion:128 Resp: 2525

Ion	Ratio	Lower	Upper
128	100		
129	14.9	12.3	18.5
127	16.7	13.0	19.6



Instrument :
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ClientSampleId :
CB5N7DL

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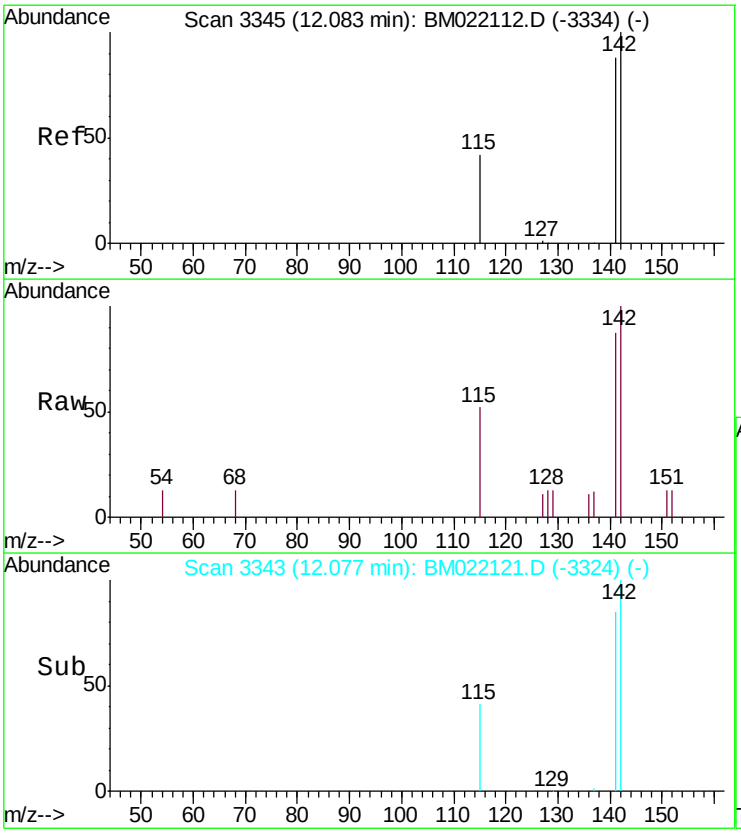
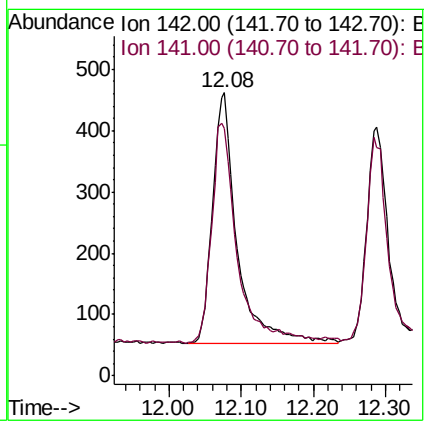
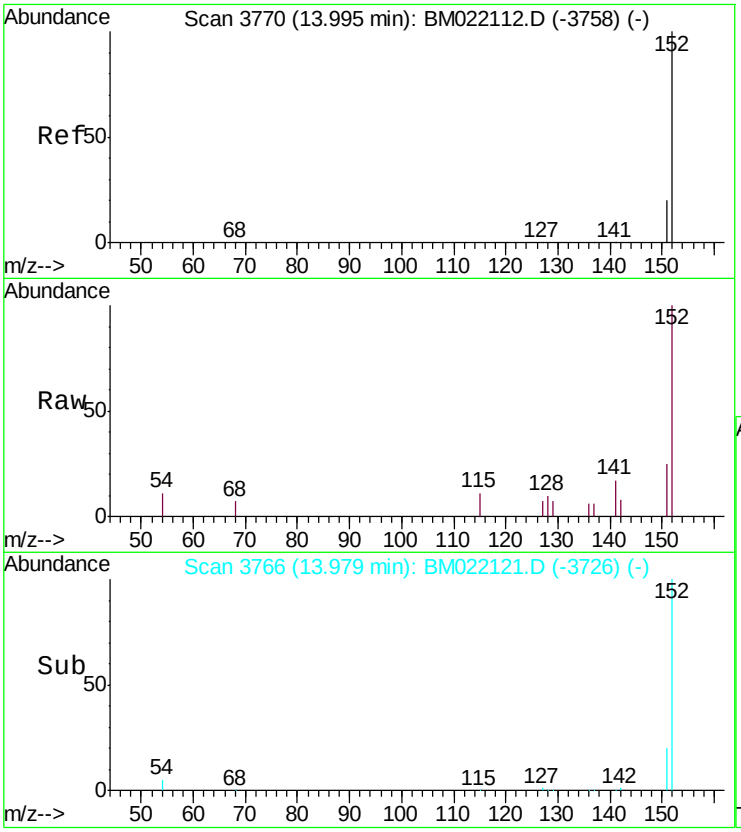


#5
2-Methylnaphthalene
Concen: 0.144 ng/ul
RT: 12.08 min Scan# 3343
Delta R.T. -0.01 min
Lab File: BM022121.D
Acq: 14 Aug 2019 23:06

Tgt Ion:142 Resp: 982

Ion	Ratio	Lower	Upper
142	100		
141	90.6	74.3	111.5

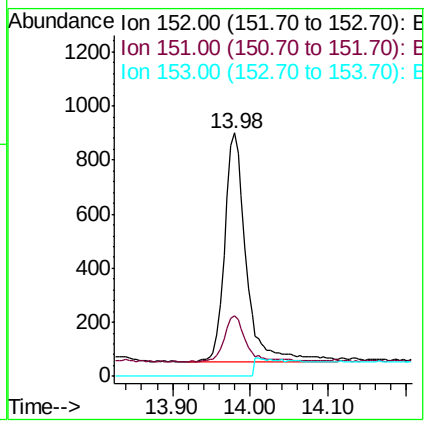




#7
Acenaphthylene
Concen: 0.173 ng/ul
RT: 13.98 min Scan# 3766
Delta R.T. -0.02 min
Lab File: BM022121.D
Acq: 14 Aug 2019 23:06

Tgt Ion:152 Resp: 1514

Ion	Ratio	Lower	Upper
152	100		
151	25.0	18.3	27.5
153	0.0	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
CB5N7DL

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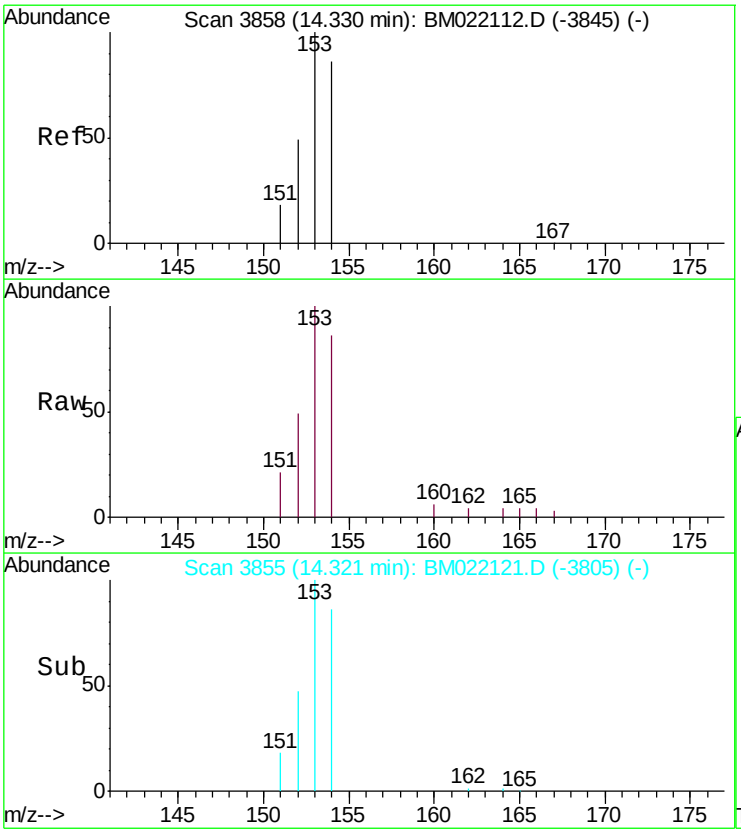
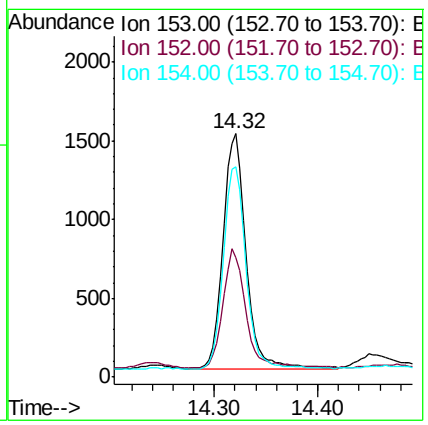
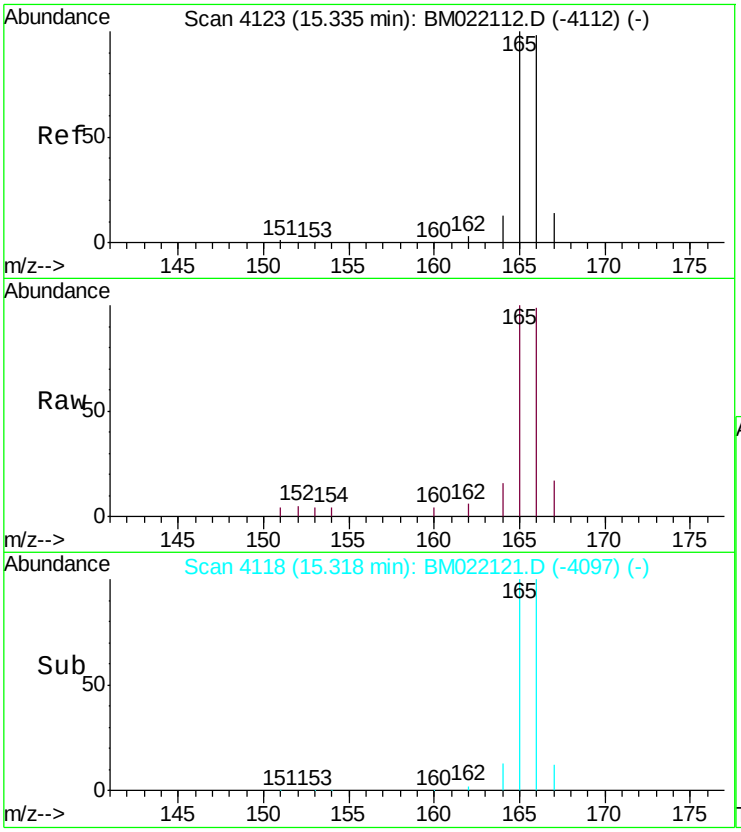


#8
Acenaphthene
Concen: 0.324 ng/ul
RT: 14.32 min Scan# 3855
Delta R.T. -0.01 min
Lab File: BM022121.D
Acq: 14 Aug 2019 23:06

Tgt Ion:153 Resp: 2325

Ion	Ratio	Lower	Upper
153	100		
152	49.2	41.3	61.9
154	86.4	72.3	108.5

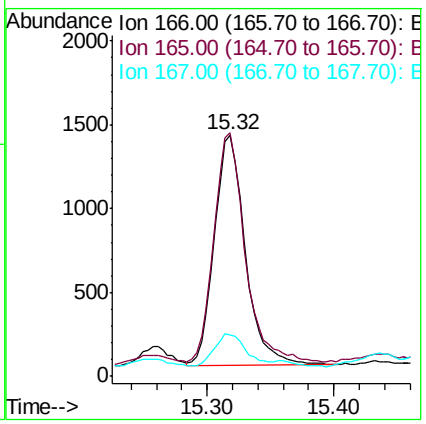




#9
Fluorene
Concen: 0.291 ng/ul
RT: 15.32 min Scan# 4118
Delta R.T. -0.02 min
Lab File: BM022121.D
Acq: 14 Aug 2019 23:06

Tgt Ion:166 Resp: 2319

Ion	Ratio	Lower	Upper
166	100		
165	100.8	81.4	122.0
167	17.1	13.7	20.5



Instrument :
BNA_M
ClientSampleId :
CB5N7DL

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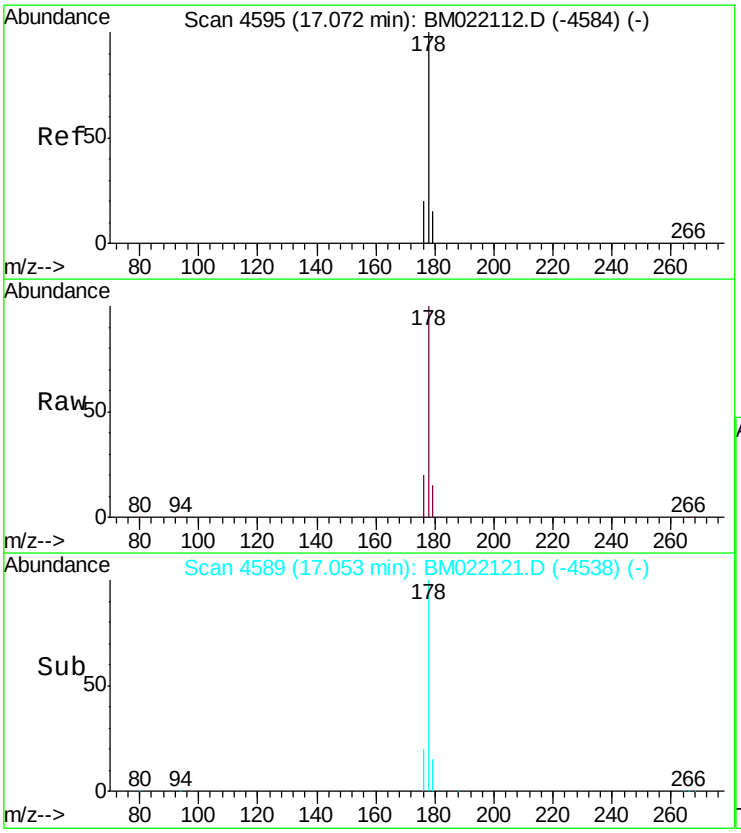
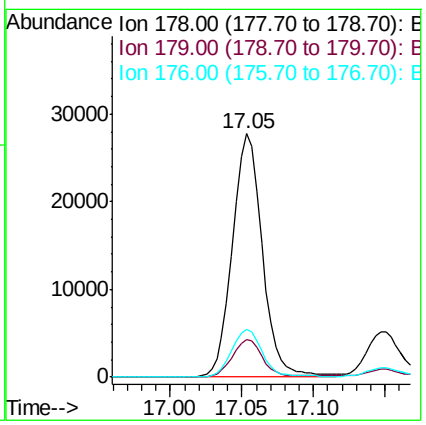
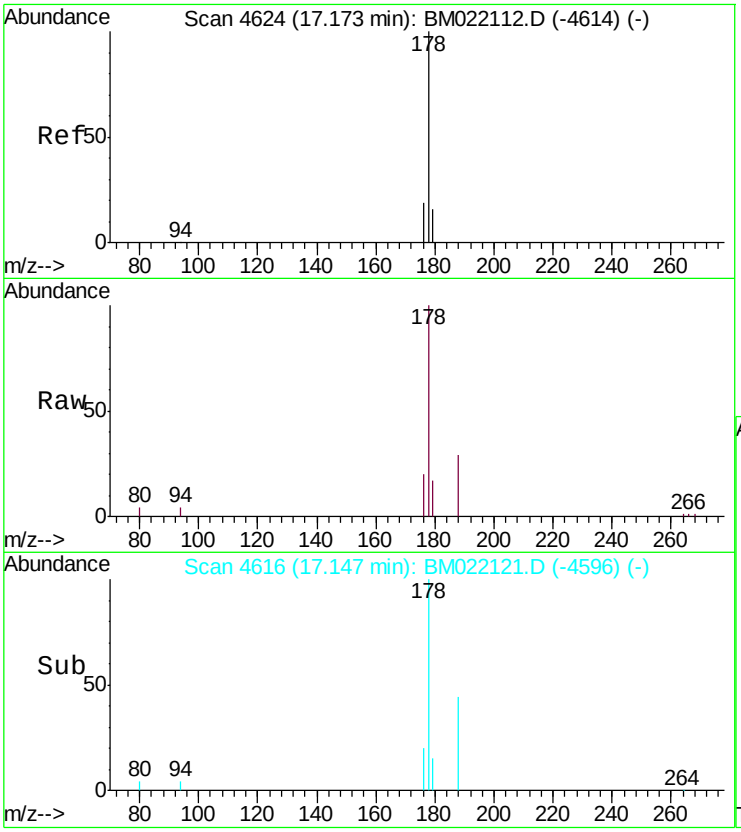


#12
Phenanthrene
Concen: 3.417 ng/ul
RT: 17.05 min Scan# 4589
Delta R.T. -0.02 min
Lab File: BM022121.D
Acq: 14 Aug 2019 23:06

Tgt Ion:178 Resp: 39764

Ion	Ratio	Lower	Upper
178	100		
179	15.5	14.2	21.2
176	19.8	16.8	25.2

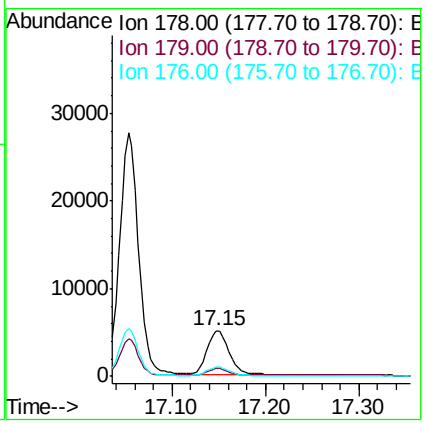




#13
Anthracene
Concen: 0.869 ng/ul
RT: 17.15 min Scan# 4616
Delta R.T. -0.03 min
Lab File: BM022121.D
Acq: 14 Aug 2019 23:06

Tgt Ion:178 Resp: 8629

Ion	Ratio	Lower	Upper
178	100		
179	16.6	15.5	23.3
176	20.1	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
CB5N7DL

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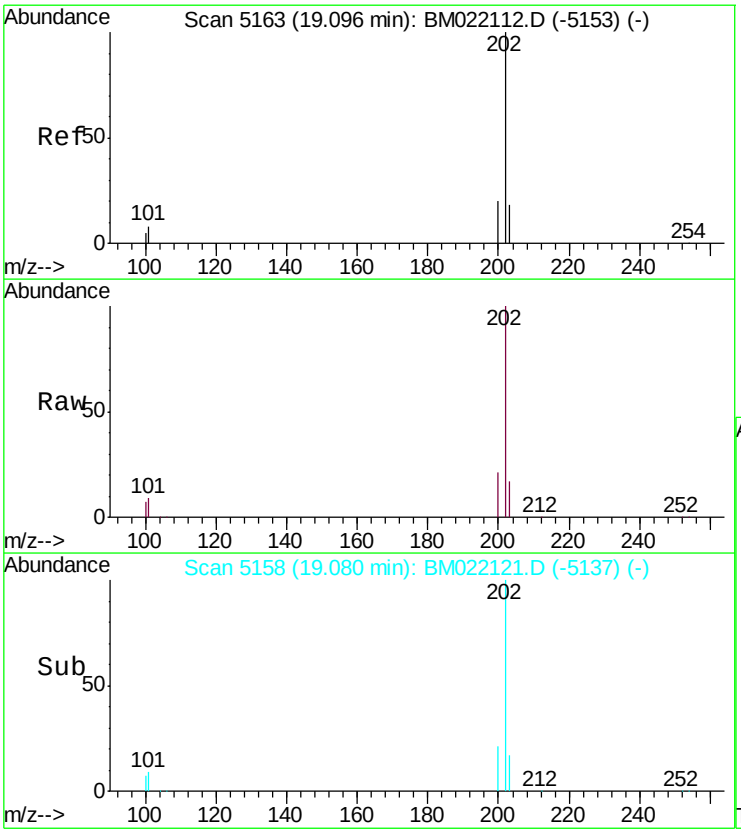
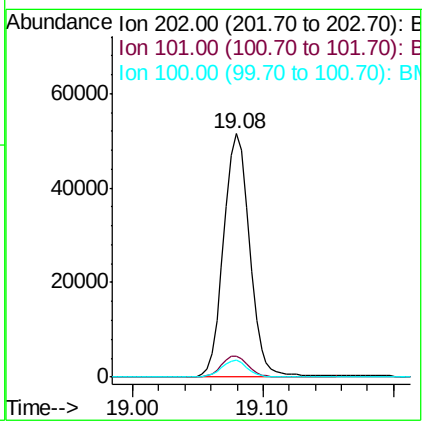
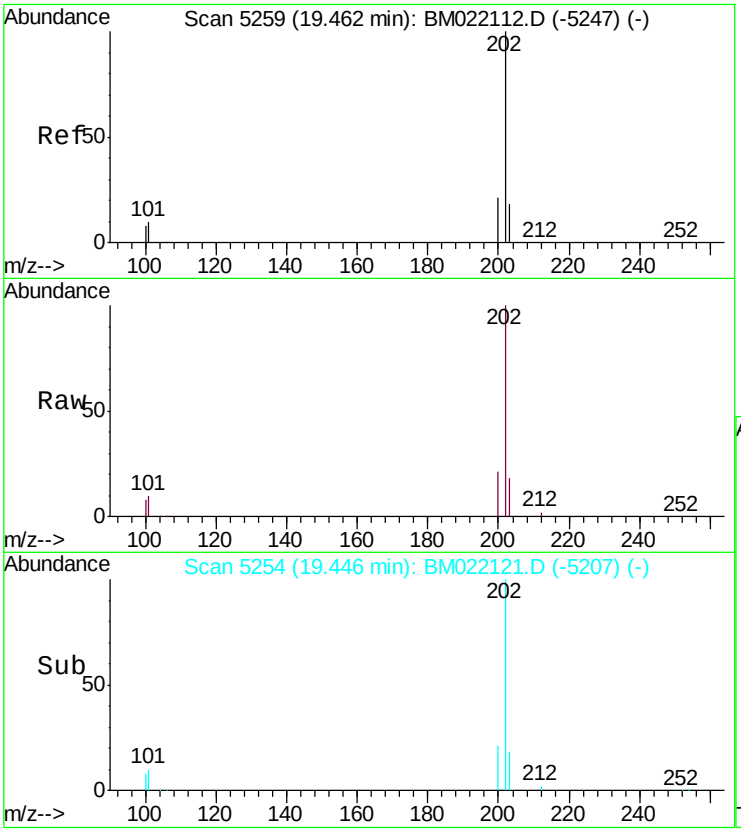


#15
Fluoranthene
Concen: 4.564 ng/ul
RT: 19.08 min Scan# 5158
Delta R.T. -0.02 min
Lab File: BM022121.D
Acq: 14 Aug 2019 23:06

Tgt Ion:202 Resp: 71131

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	30.2
100	6.8	0.0	28.1





#17
Pyrene
Concen: 3.778 ng/ul
RT: 19.45 min Scan# 5254
Delta R.T. -0.02 min
Lab File: BM022121.D
Acq: 14 Aug 2019 23:06

Tgt Ion:202 Resp: 61695

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.3	12.5
100	8.5	7.2	10.8

Instrument :
BNA_M
ClientSampleId :
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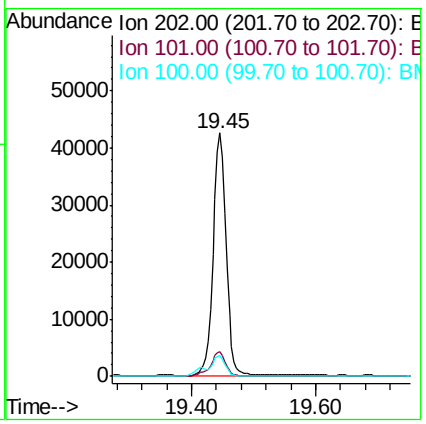
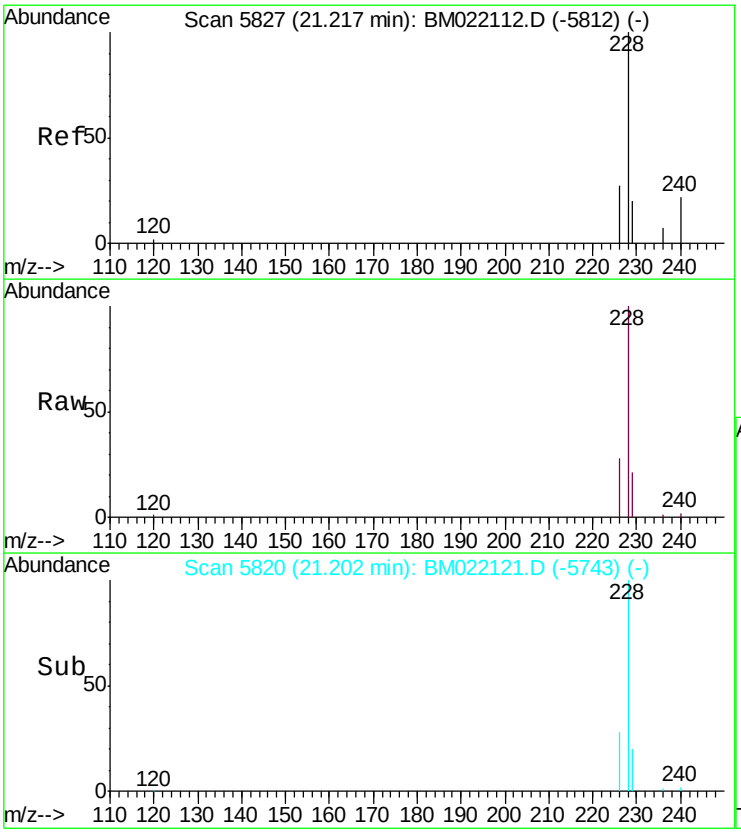
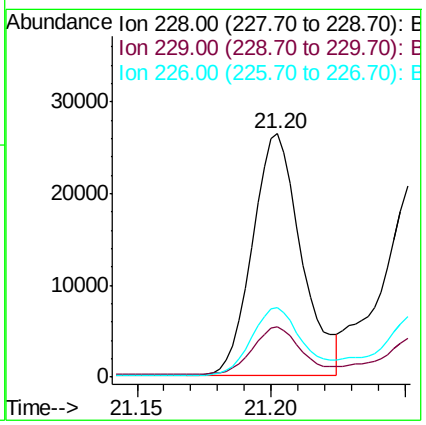


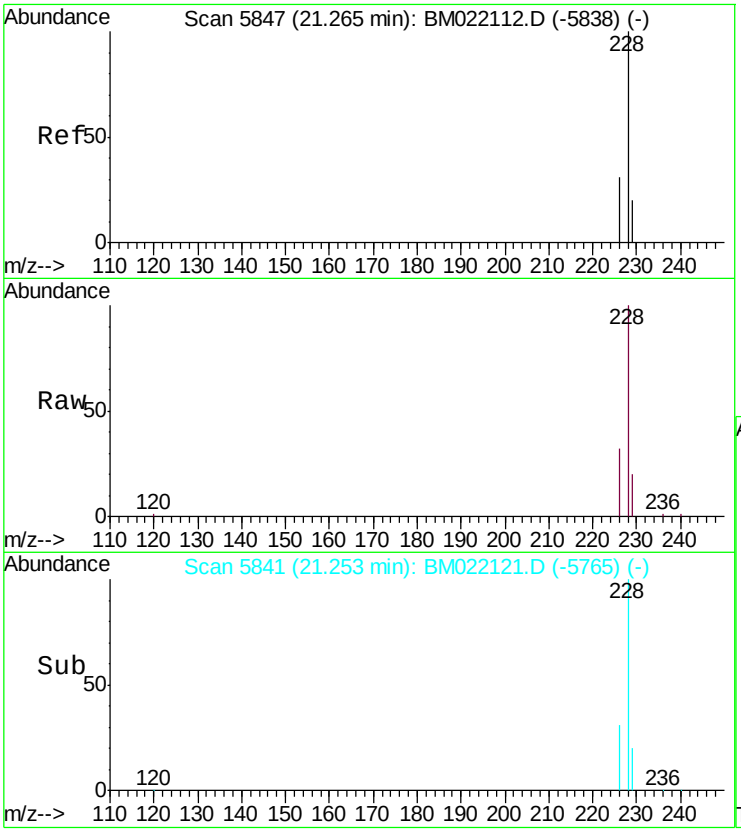


#18
Benzo(a)anthracene
Concen: 2.356 ng/ul
RT: 21.20 min Scan# 5820
Delta R.T. -0.01 min
Lab File: BM022121.D
Acq: 14 Aug 2019 23:06

Tgt Ion:228 Resp: 33496

Ion	Ratio	Lower	Upper
228	100		
229	20.6	17.2	25.8
226	28.5	22.6	34.0

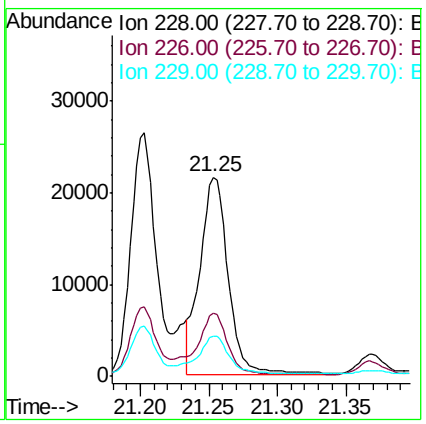




#19
Chrysene
Concen: 1.690 ng/ul
RT: 21.25 min Scan# 5841
Delta R.T. -0.02 min
Lab File: BM022121.D
Acq: 14 Aug 2019 23:06

Tgt Ion:228 Resp: 30896

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	20.3	16.6	25.0



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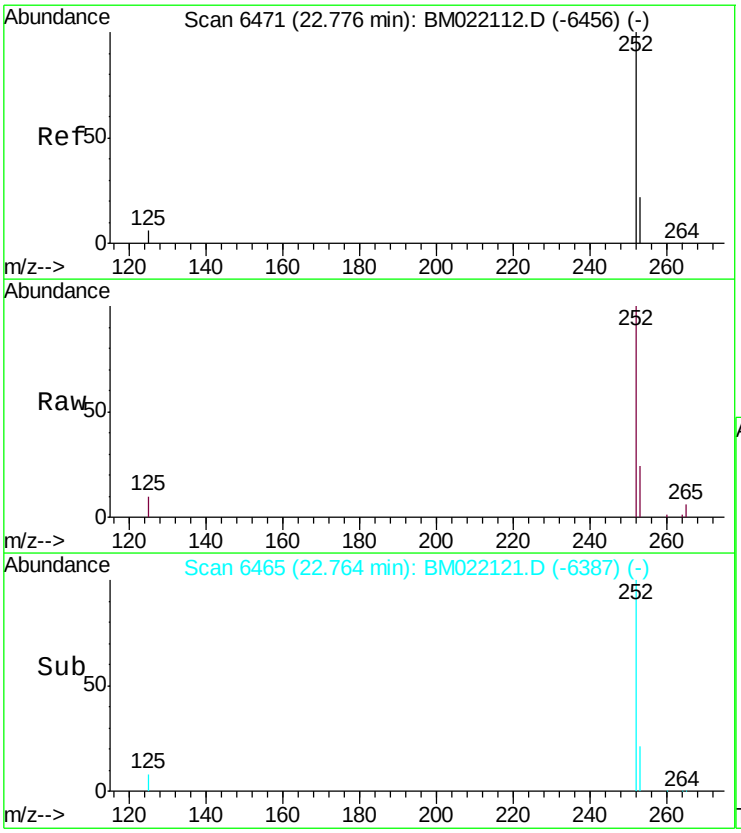
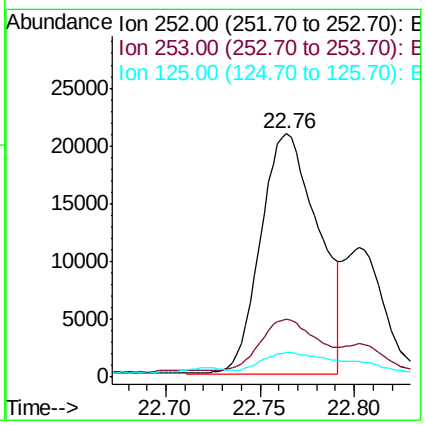
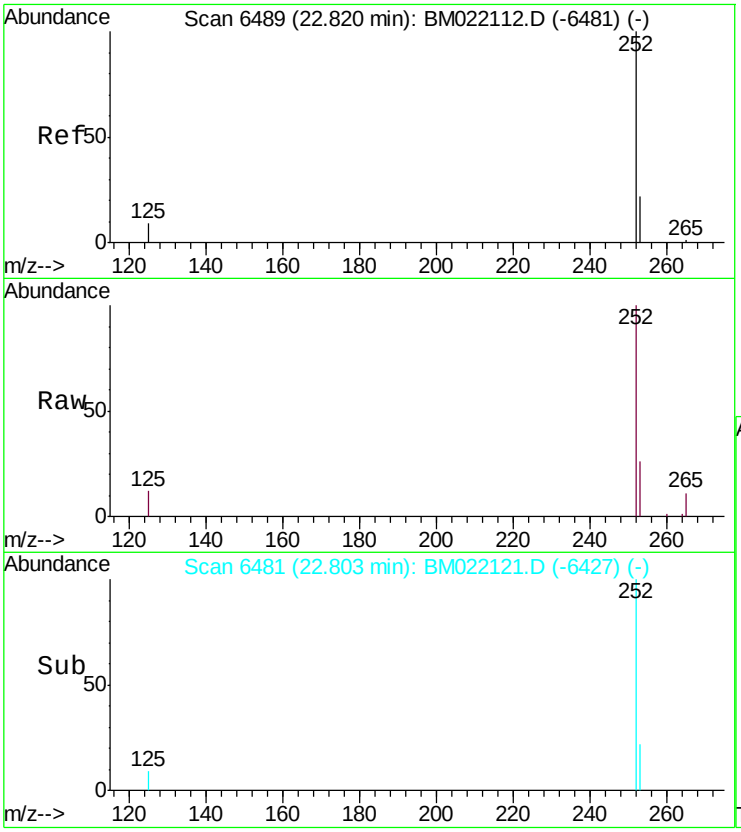


#21
Benzo(b)fluoranthene
Concen: 3.088 ng/ul m
RT: 22.76 min Scan# 6465
Delta R.T. -0.01 min
Lab File: BM022121.D
Acq: 14 Aug 2019 23:06

Tgt Ion:252 Resp: 44019

Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	67.4
125	9.9	0.0	31.0





#22
Benzo(k)fluoranthene
Concen: 1.068 ng/ul m
RT: 22.80 min Scan# 6481
Delta R.T. -0.02 min
Lab File: BM022121.D
Acq: 14 Aug 2019 23:06

Tgt Ion:252 Resp: 17224

Ion	Ratio	Lower	Upper
252	100		
253	25.5	27.0	40.4#
125	12.4	12.2	18.2

Instrument :
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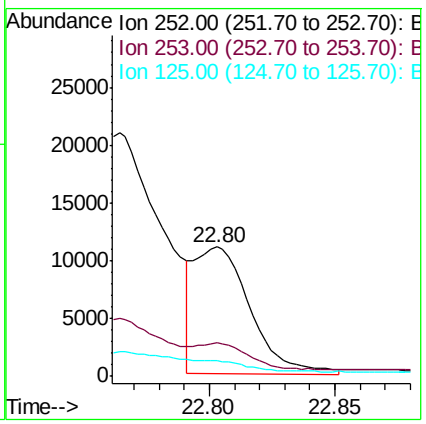
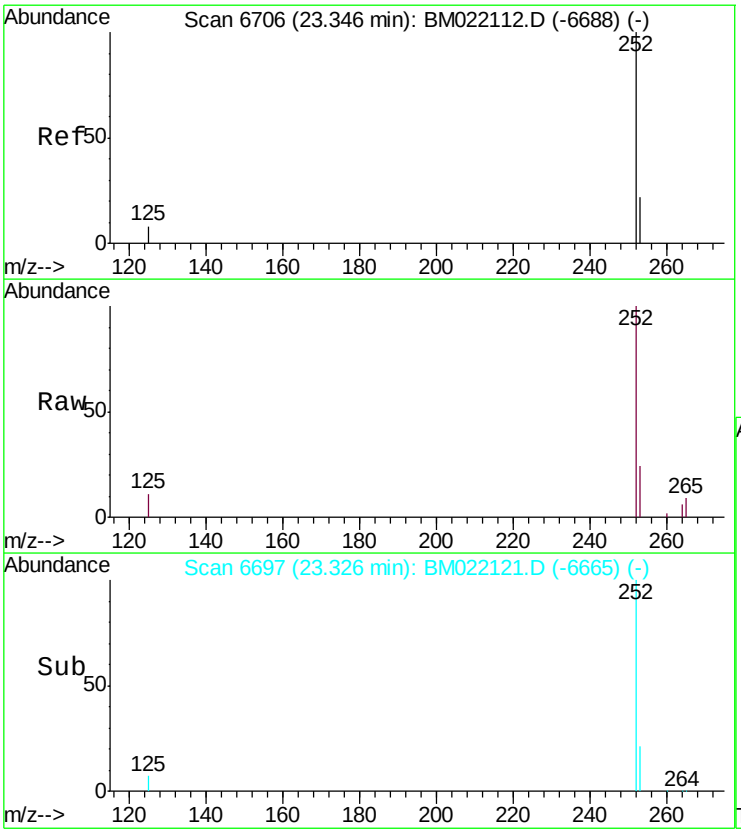
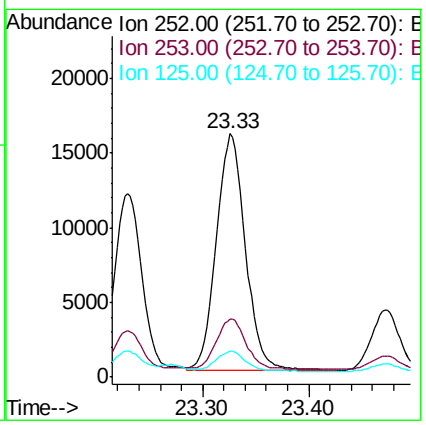


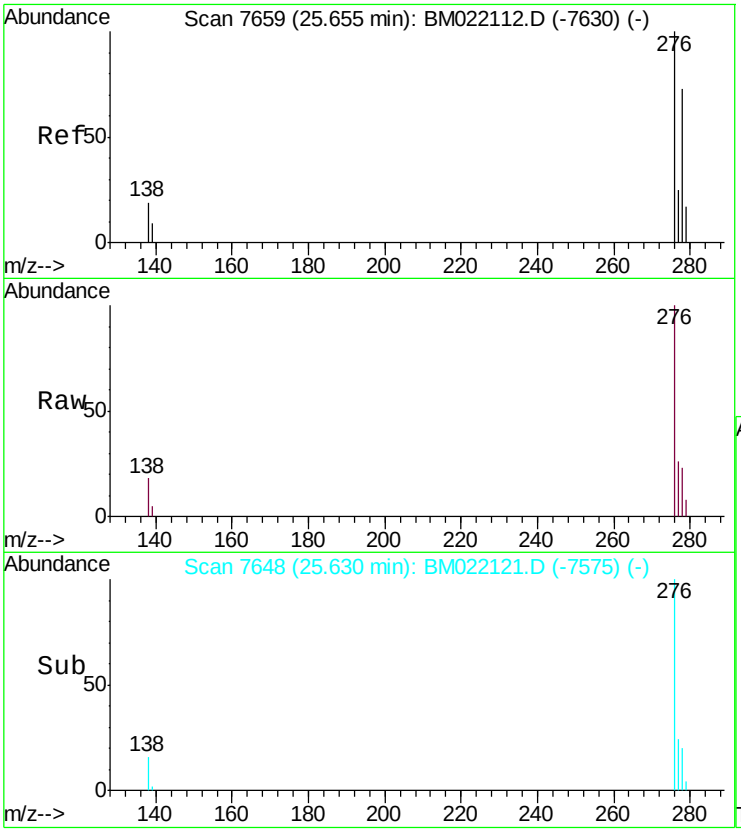


#23
Benzo(a)pyrene
Concen: 2.050 ng/ul
RT: 23.33 min Scan# 6697
Delta R.T. -0.02 min
Lab File: BM022121.D
Acq: 14 Aug 2019 23:06

Tgt Ion:252 Resp: 29710

Ion	Ratio	Lower	Upper
252	100		
253	24.0	31.7	47.5#
125	10.8	14.6	21.8#

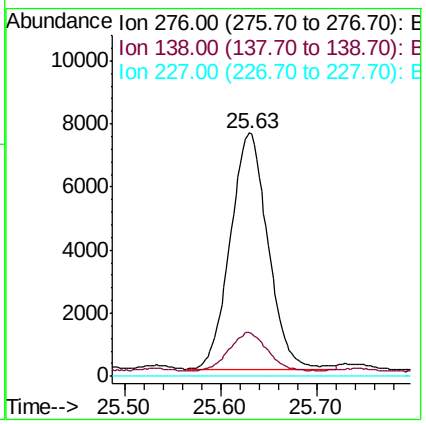




#24
Indeno(1,2,3-cd)pyrene
Concen: 1.188 ng/ul
RT: 25.63 min Scan# 7648
Delta R.T. -0.02 min
Lab File: BM022121.D
Acq: 14 Aug 2019 23:06

Tgt Ion:276 Resp: 20562

Ion	Ratio	Lower	Upper
276	100		
138	16.4	15.1	22.7
227	0.0	0.0	0.0



Instrument :
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ClientSampleId :
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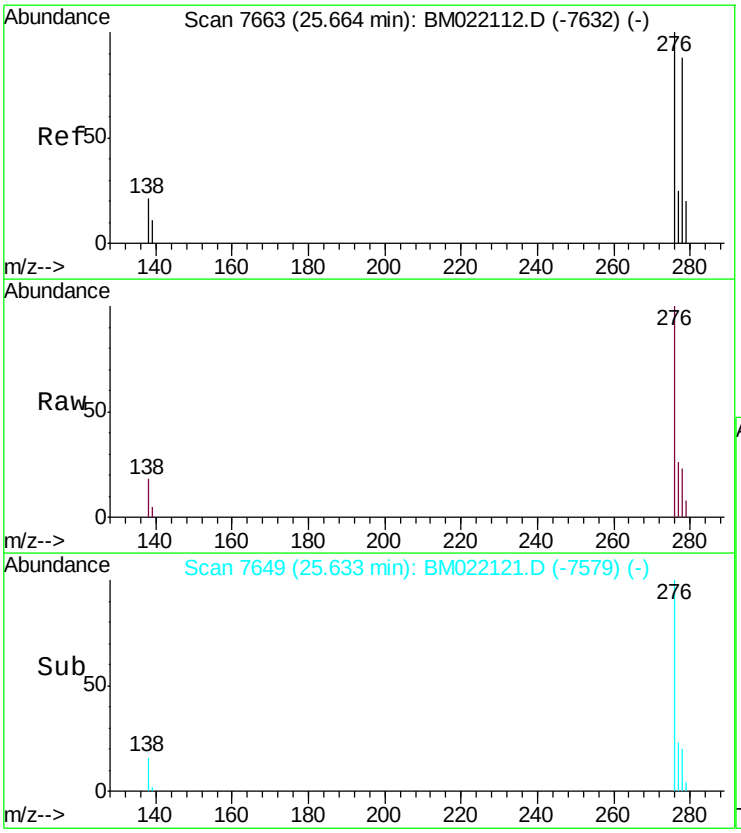
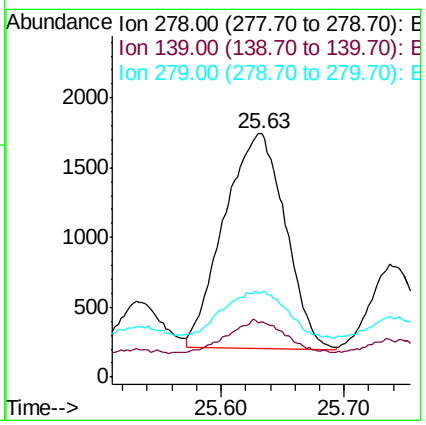
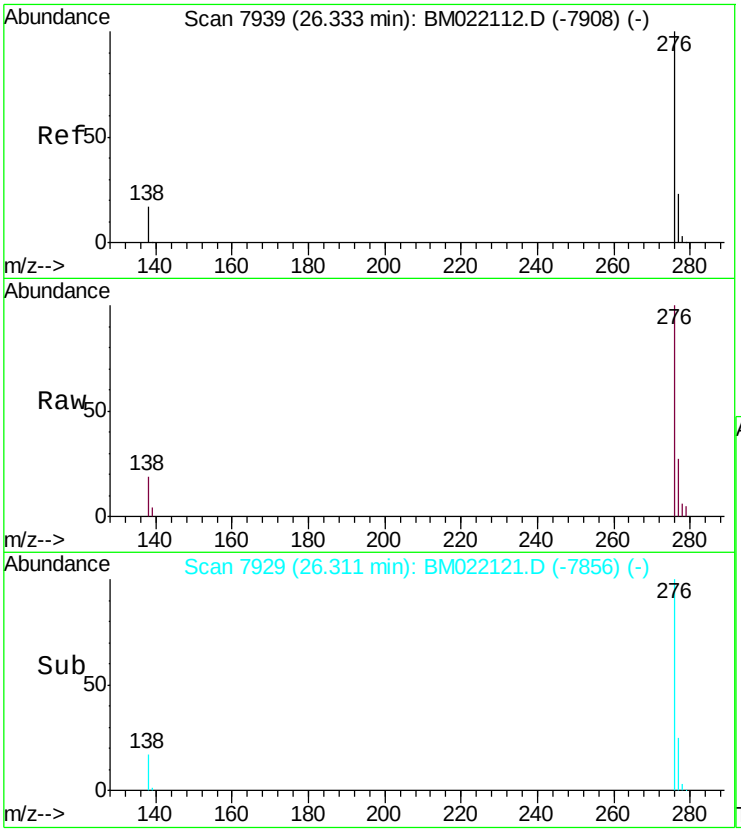


#25
Dibenzo(a,h)anthracene
Concen: 0.382 ng/ul
RT: 25.63 min Scan# 7649
Delta R.T. -0.03 min
Lab File: BM022121.D
Acq: 14 Aug 2019 23:06

Tgt Ion:278 Resp: 5345

Ion	Ratio	Lower	Upper
278	100		
139	22.6	14.2	21.2#
279	34.7	28.3	42.5

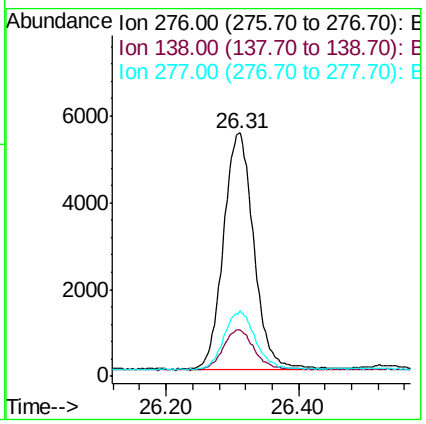




#26
Benzo(g,h,i)perylene
Concen: 1.113 ng/ul
RT: 26.31 min Scan# 7929
Delta R.T. -0.02 min
Lab File: BM022121.D
Acq: 14 Aug 2019 23:06

Tgt Ion:276 Resp: 17348

Ion	Ratio	Lower	Upper
276	100		
138	18.9	15.5	23.3
277	26.7	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
CB5N7DL

Manual Integrations APPROVED
mohammad
8/15/2019 5:09:42 PM