Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022141.D
Acq On : 15 Aug 2019 12:31
Operator : HP/JU
Sample : K4304-15DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 15 13:46:59 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 :
CB5P6DL

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	865	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	3587	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.25	164	1936	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4241	0.40	ng/ul	-0.03
16) Chrysene-d12	21.22	240	4244	0.40	ng/ul	-0.01
20) Perylene-d12	23.43	264	4436	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	342	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	854	0.06	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.43	128	2395	0.236	ng/ul	98
5) 2-Methylnaphthalene	12.07	142	886	0.131	ng/ul	98
7) Acenaphthylene	13.98	152	1238	0.137	ng/ul#	81
8) Acenaphthene	14.32	153	1548	0.210	ng/ul	97
9) Fluorene	15.31	166	2179	0.266	ng/ul	98
12) Phenanthrene	17.05	178	41073	3.328	ng/ul	96
13) Anthracene	17.15	178	7191	0.683	ng/ul	97
15) Fluoranthene	19.08	202	71439	4.322	ng/ul	96
17) Pyrene	19.44	202	57509	3.298	ng/ul	99
18) Benzo(a)anthracene	21.20	228	32252	2.125	ng/ul	99
19) Chrysene	21.25	228	33105	1.696	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	43571m	2.913	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	17542m	1.036	ng/ul	
23) Benzo(a)pyrene	23.33	252	25179	1.655	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.63	276	19511	1.074	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.63	278	5004	0.341	ng/ul	96
26) Benzo(g,h,i)perylene	26.31	276	16234	0.993	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022141.D
Acq On : 15 Aug 2019 12:31
Operator : HP/JU
Sample : K4304-15DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 15 13:46:59 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 :
CB5P6DL

Manual Integrations APPROVED
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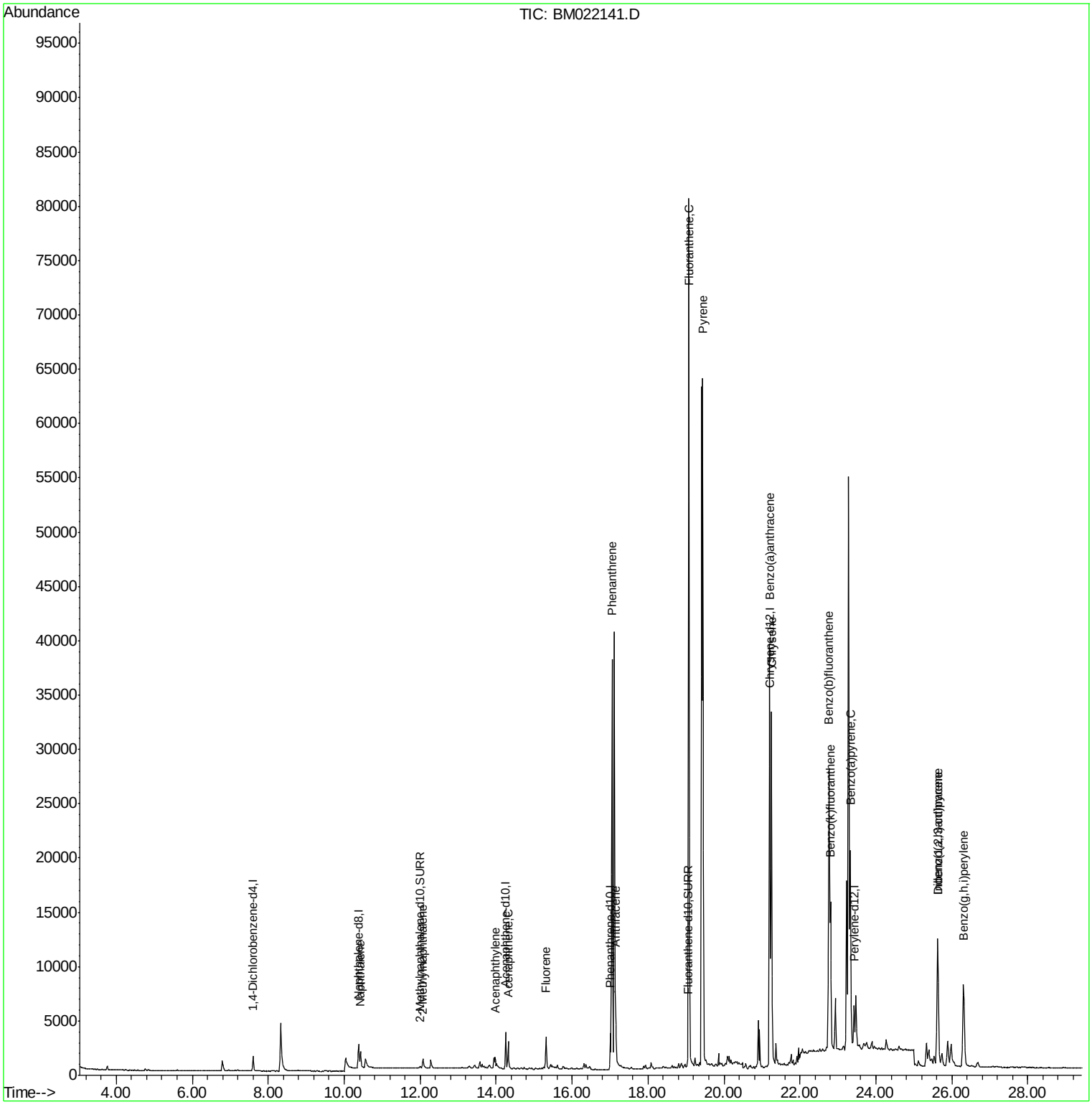
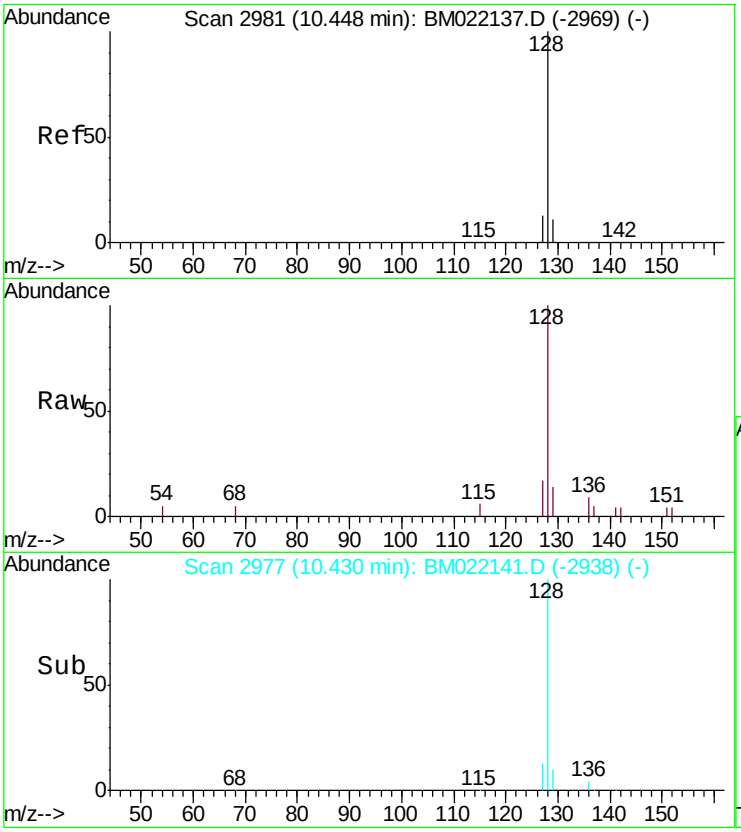
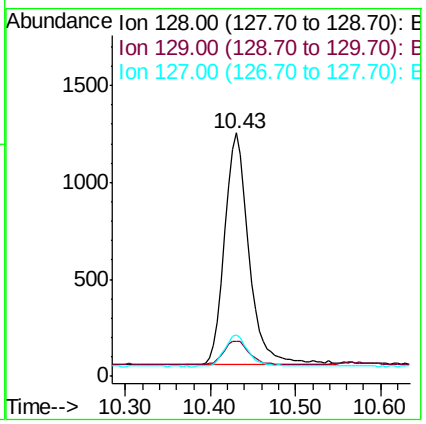




#3
Naphthalene
Concen: 0.236 ng/ul
RT: 10.43 min Scan# 2977
Delta R.T. -0.02 min
Lab File: BM022141.D
Acq: 15 Aug 2019 12:31

Tgt Ion:128 Resp: 2395

Ion	Ratio	Lower	Upper
128	100		
129	14.5	12.3	18.5
127	16.7	13.0	19.6



Instrument :
BNA_M
ClientSampleId :
CB5P6DL

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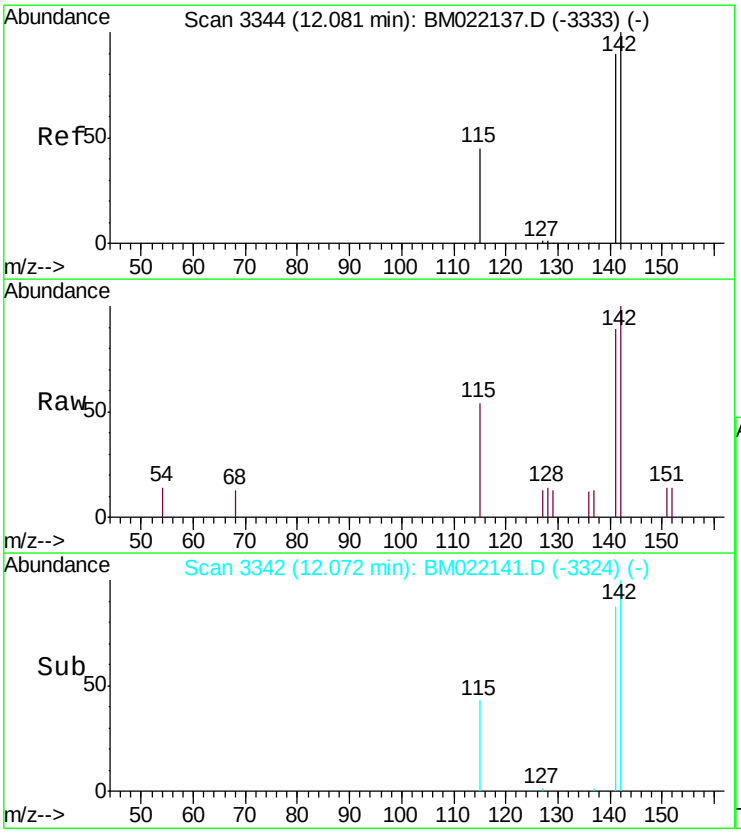
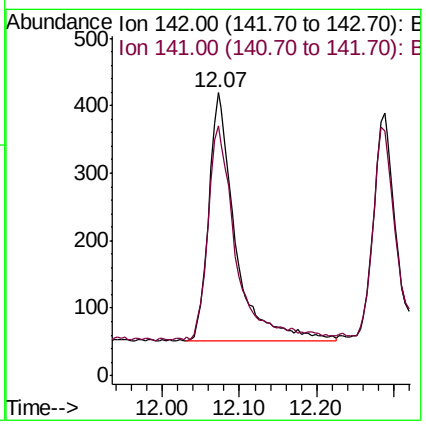
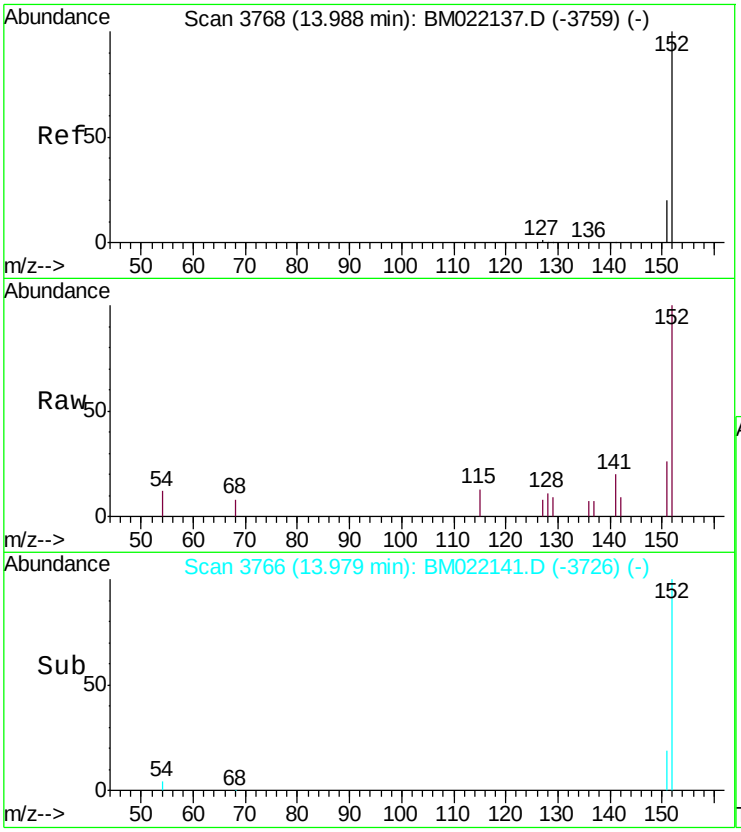


#5
2-Methylnaphthalene
Concen: 0.131 ng/ul
RT: 12.07 min Scan# 3342
Delta R.T. -0.02 min
Lab File: BM022141.D
Acq: 15 Aug 2019 12:31

Tgt Ion:142 Resp: 886

Ion	Ratio	Lower	Upper
142	100		
141	91.3	74.3	111.5

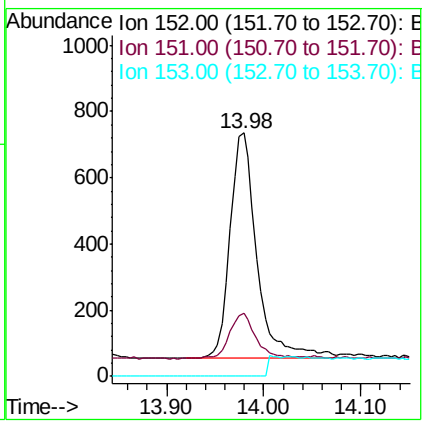




#7
Acenaphthylene
Concen: 0.137 ng/ul
RT: 13.98 min Scan# 3766
Delta R.T. -0.02 min
Lab File: BM022141.D
Acq: 15 Aug 2019 12:31

Tgt Ion:152 Resp: 1238

Ion	Ratio	Lower	Upper
152	100		
151	26.0	18.3	27.5
153	0.0	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
CB5P6DL

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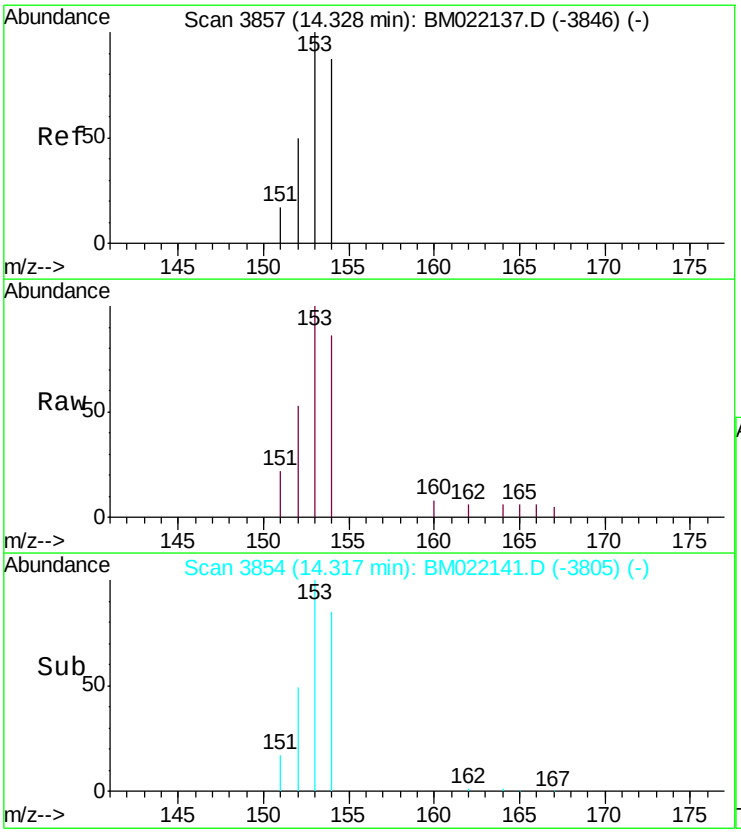
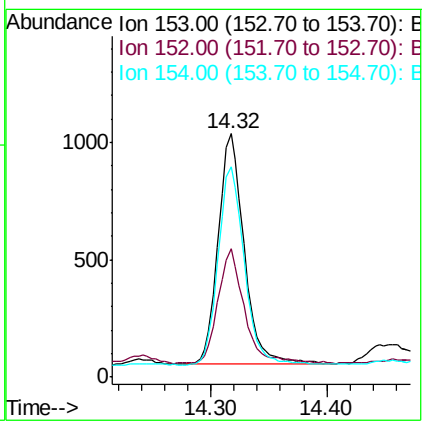
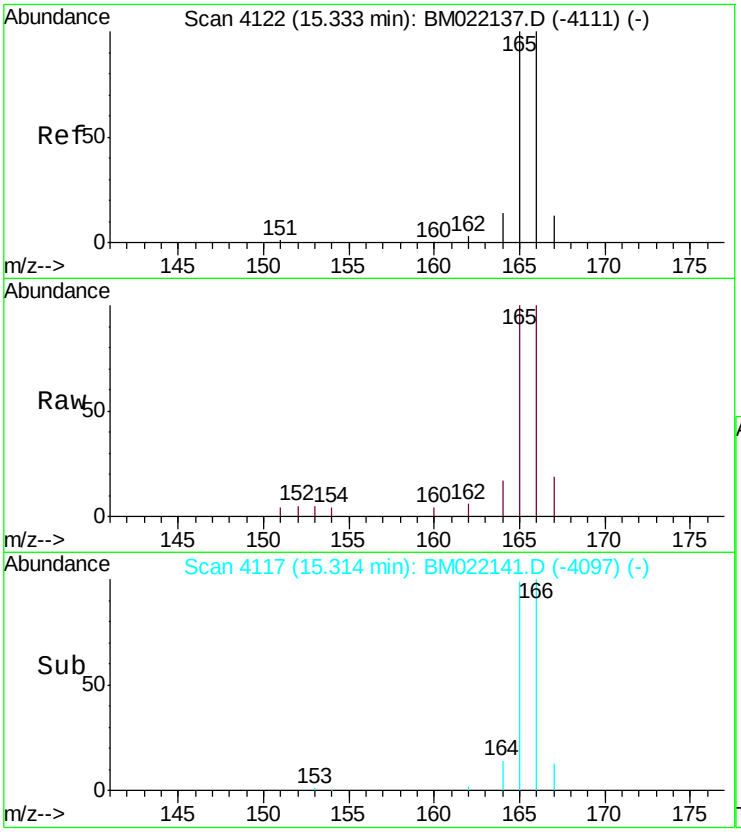


#8
Acenaphthene
Concen: 0.210 ng/ul
RT: 14.32 min Scan# 3854
Delta R.T. -0.02 min
Lab File: BM022141.D
Acq: 15 Aug 2019 12:31

Tgt Ion:153 Resp: 1548

Ion	Ratio	Lower	Upper
153	100		
152	52.5	41.3	61.9
154	86.1	72.3	108.5

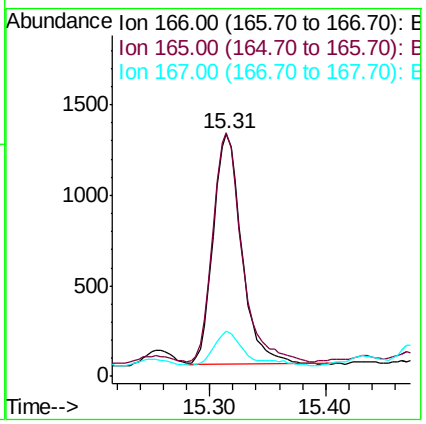




#9
Fluorene
Concen: 0.266 ng/ul
RT: 15.31 min Scan# 4117
Delta R.T. -0.02 min
Lab File: BM022141.D
Acq: 15 Aug 2019 12:31

Tgt Ion:166 Resp: 2179

Ion	Ratio	Lower	Upper
166	100		
165	100.4	81.4	122.0
167	18.7	13.7	20.5



Instrument :
BNA_M
ClientSampleId :
CB5P6DL

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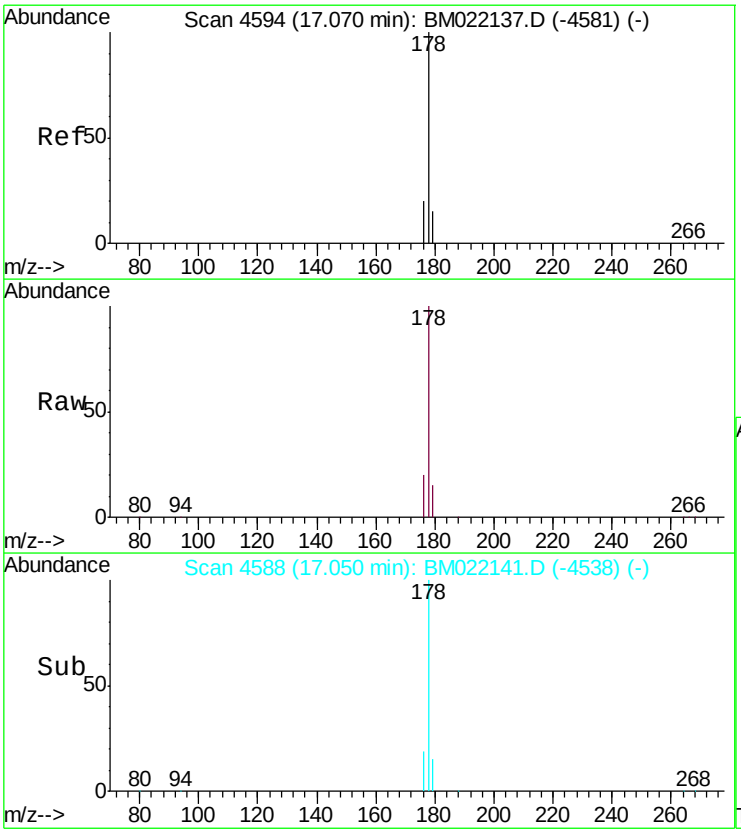
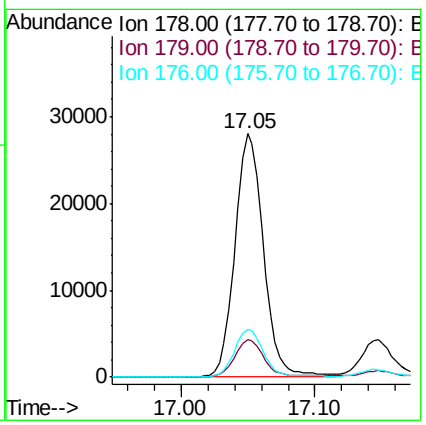
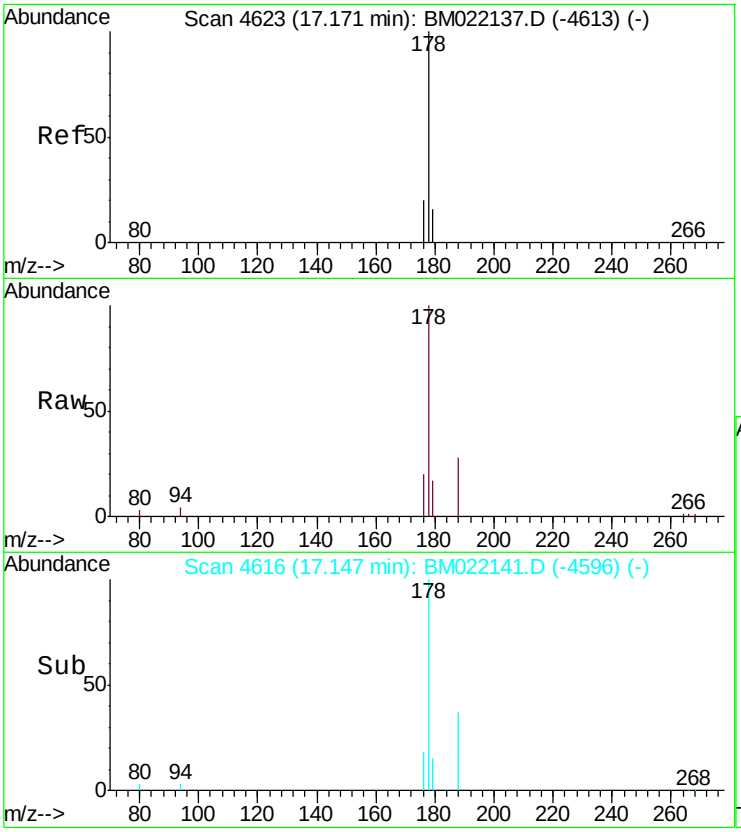


#12
Phenanthrene
Concen: 3.328 ng/ul
RT: 17.05 min Scan# 4588
Delta R.T. -0.03 min
Lab File: BM022141.D
Acq: 15 Aug 2019 12:31

Tgt Ion:178 Resp: 41073

Ion	Ratio	Lower	Upper
178	100		
179	15.3	14.2	21.2
176	19.5	16.8	25.2

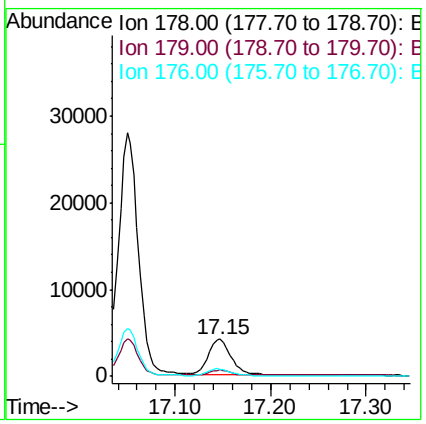




#13
Anthracene
Concen: 0.683 ng/ul
RT: 17.15 min Scan# 4616
Delta R.T. -0.03 min
Lab File: BM022141.D
Acq: 15 Aug 2019 12:31

Tgt Ion:178 Resp: 7191

Ion	Ratio	Lower	Upper
178	100		
179	17.2	15.5	23.3
176	20.0	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
CB5P6DL

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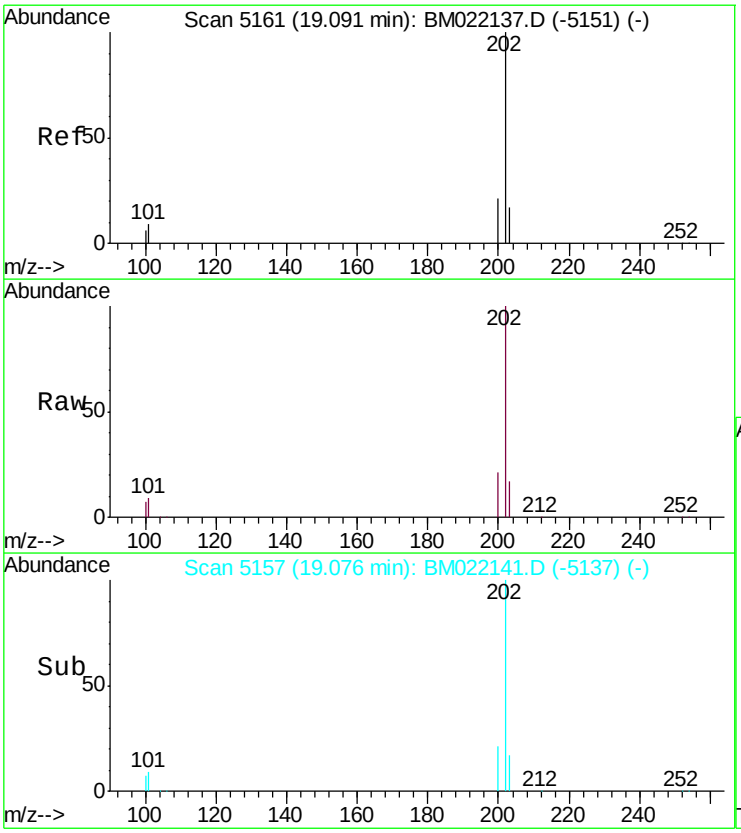
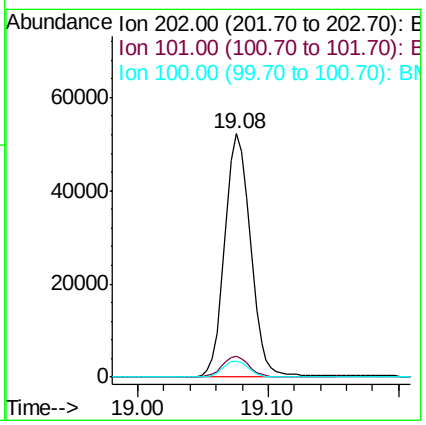
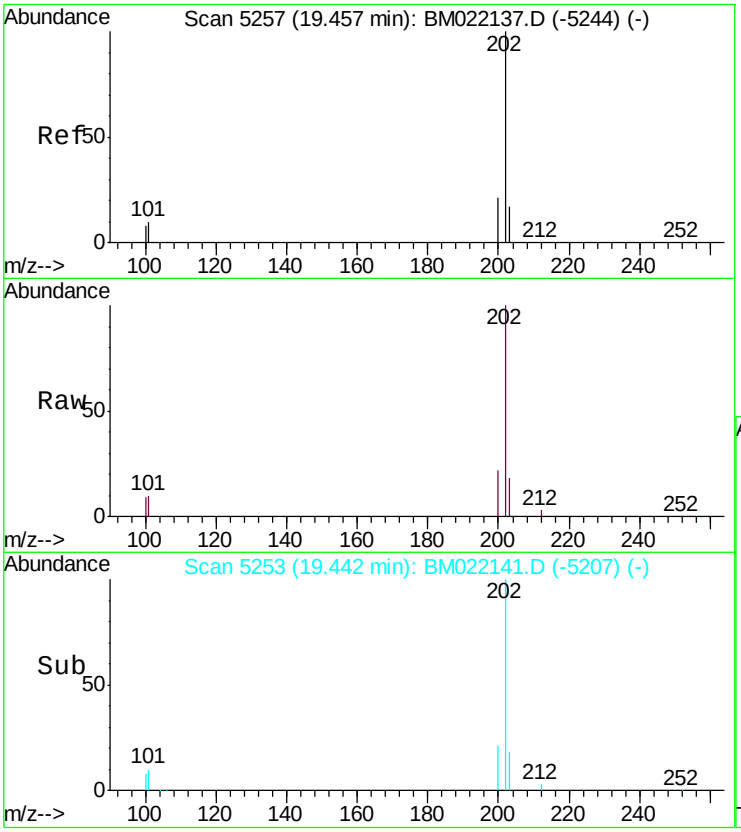


#15
Fluoranthene
Concen: 4.322 ng/ul
RT: 19.08 min Scan# 5157
Delta R.T. -0.02 min
Lab File: BM022141.D
Acq: 15 Aug 2019 12:31

Tgt Ion:202 Resp: 71439

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	30.2
100	6.7	0.0	28.1





#17
Pyrene
Concen: 3.298 ng/ul
RT: 19.44 min Scan# 5253
Delta R.T. -0.02 min
Lab File: BM022141.D
Acq: 15 Aug 2019 12:31

Tgt Ion:202 Resp: 57509

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.3	12.5
100	8.6	7.2	10.8

Instrument :
BNA_M
ClientSampleId :
CB5P6DL

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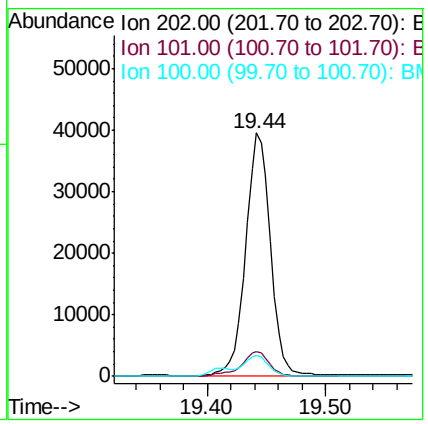
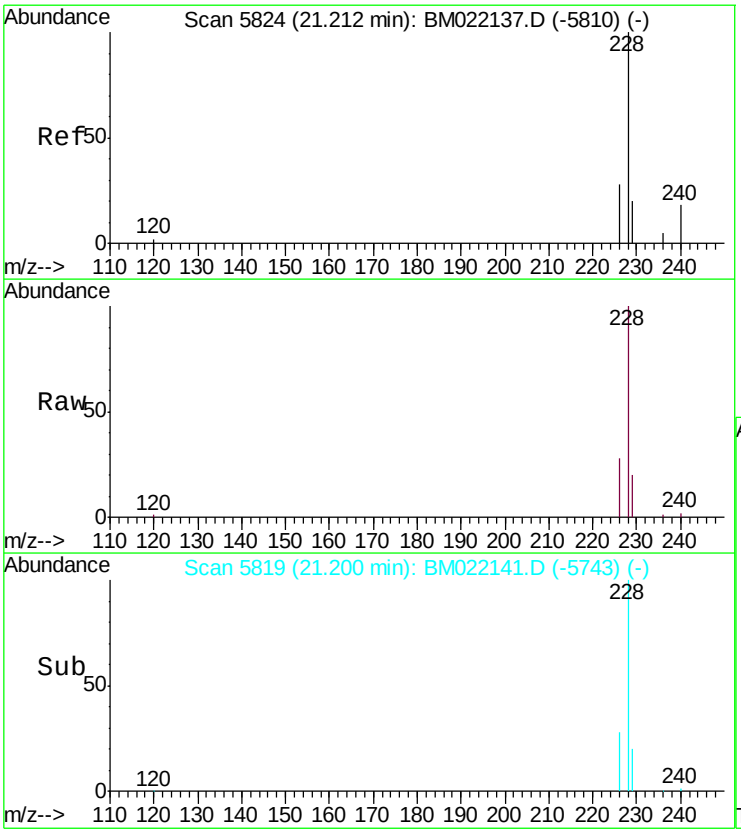
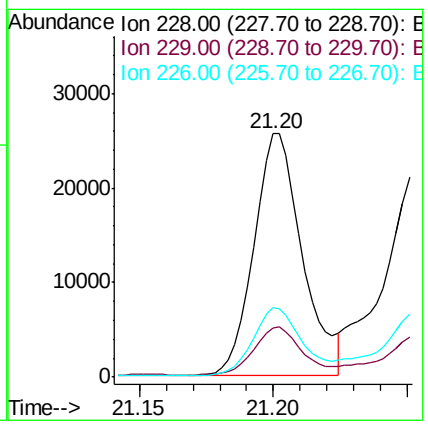


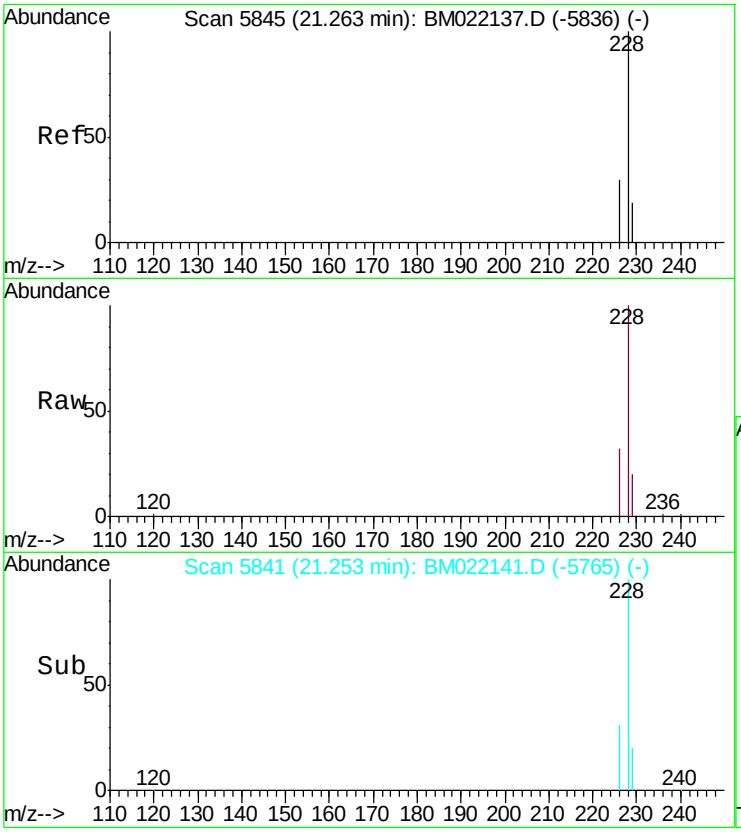


#18
Benzo(a)anthracene
Concen: 2.125 ng/ul
RT: 21.20 min Scan# 5819
Delta R.T. -0.02 min
Lab File: BM022141.D
Acq: 15 Aug 2019 12:31

Tgt Ion:228 Resp: 32252

Ion	Ratio	Lower	Upper
228	100		
229	20.3	17.2	25.8
226	28.4	22.6	34.0

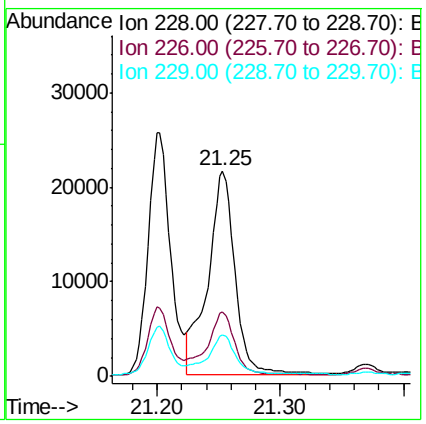




#19
Chrysene
Concen: 1.696 ng/ul
RT: 21.25 min Scan# 5841
Delta R.T. -0.02 min
Lab File: BM022141.D
Acq: 15 Aug 2019 12:31

Tgt Ion:228 Resp: 33105

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	20.1	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
CB5P6DL

Manual Integrations APPROVED
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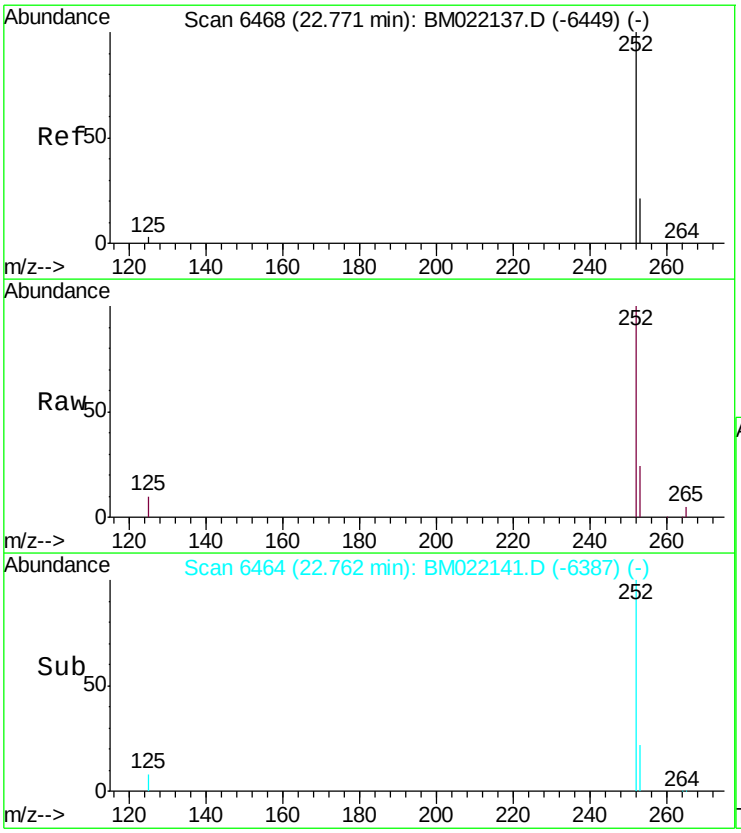
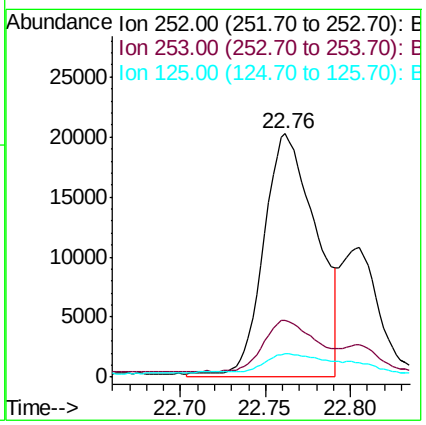
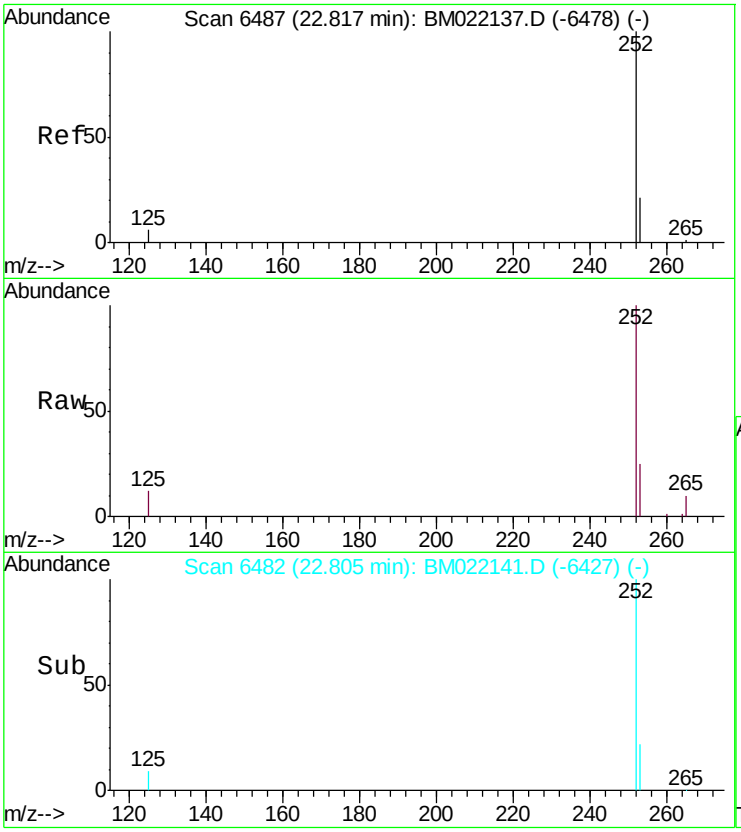


#21
Benzo(b)fluoranthene
Concen: 2.913 ng/ul m
RT: 22.76 min Scan# 6464
Delta R.T. -0.01 min
Lab File: BM022141.D
Acq: 15 Aug 2019 12:31

Tgt Ion:252 Resp: 43571

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	67.4
125	9.6	0.0	31.0





#22
Benzo(k)fluoranthene
Concen: 1.036 ng/ul m
RT: 22.81 min Scan# 6482
Delta R.T. -0.02 min
Lab File: BM022141.D
Acq: 15 Aug 2019 12:31

Tgt Ion:252 Resp: 17542

Ion	Ratio	Lower	Upper
252	100		
253	25.3	27.0	40.4#
125	11.6	12.2	18.2#

Instrument :
BNA_M
ClientSampleId :
CB5P6DL

Manual Integrations APPROVED
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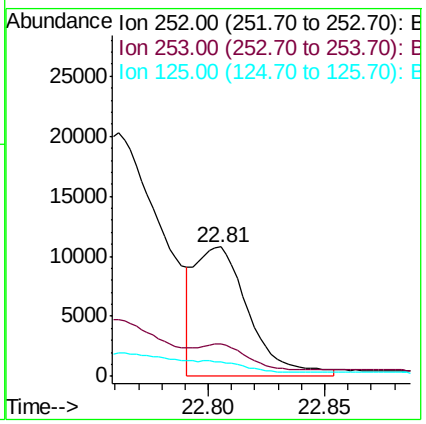
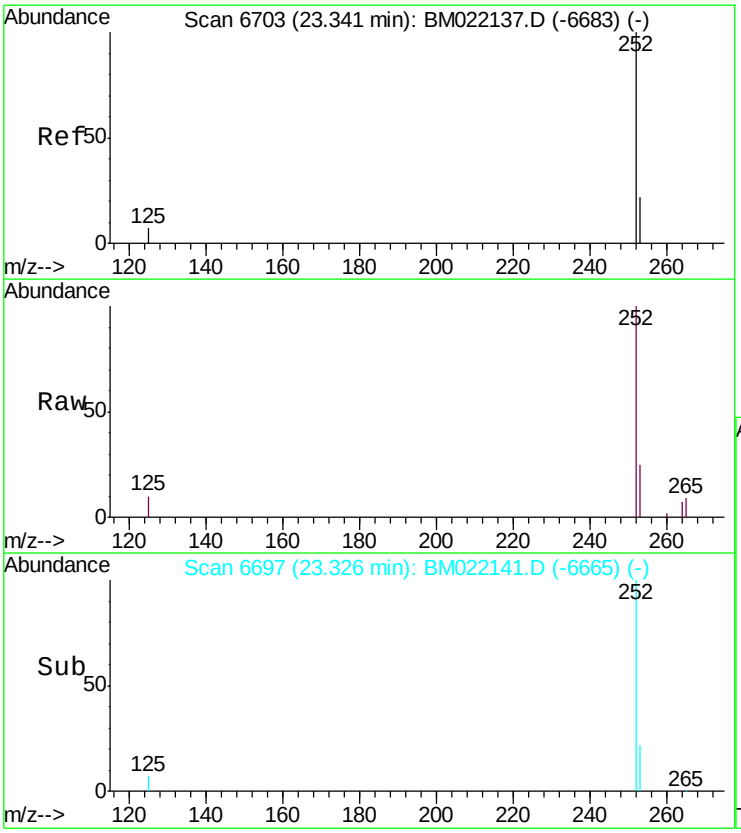
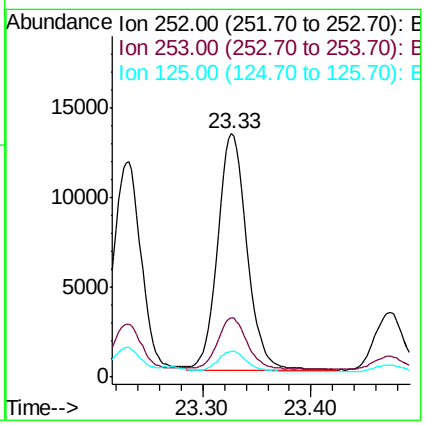


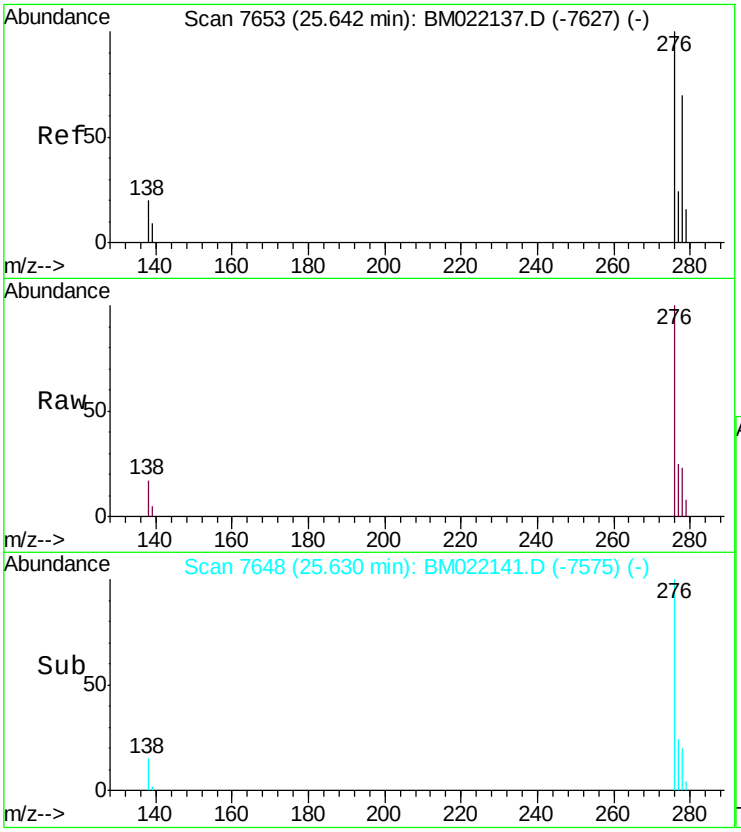


#23
Benzo(a)pyrene
Concen: 1.655 ng/ul
RT: 23.33 min Scan# 6697
Delta R.T. -0.02 min
Lab File: BM022141.D
Acq: 15 Aug 2019 12:31

Tgt Ion:252 Resp: 25179

Ion	Ratio	Lower	Upper
252	100		
253	24.5	31.7	47.5#
125	10.5	14.6	21.8#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.074 ng/ul
RT: 25.63 min Scan# 7648
Delta R.T. -0.02 min
Lab File: BM022141.D
Acq: 15 Aug 2019 12:31

Tgt Ion:276 Resp: 19511

Ion	Ratio	Lower	Upper
276	100		
138	16.0	15.1	22.7
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
CB5P6DL

Manual Integrations APPROVED
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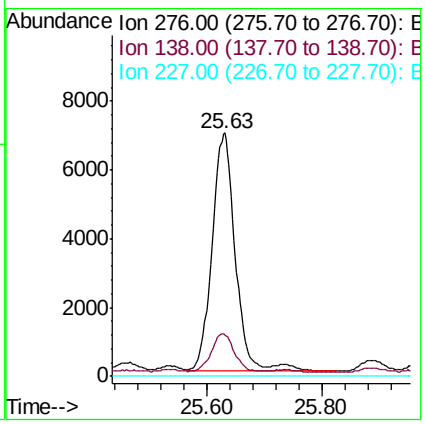
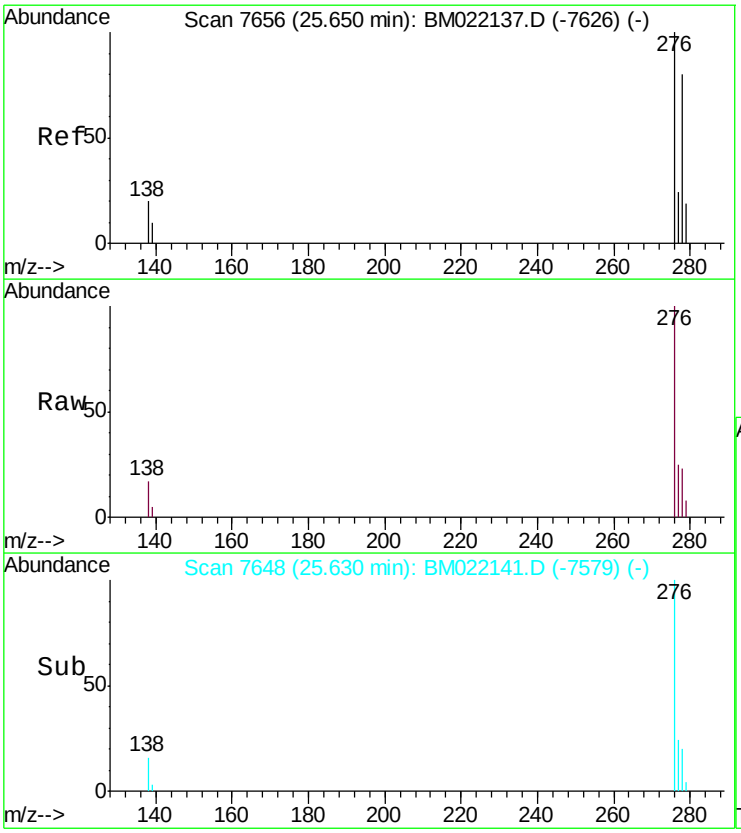
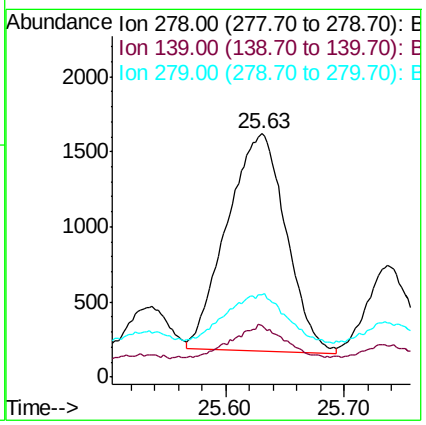


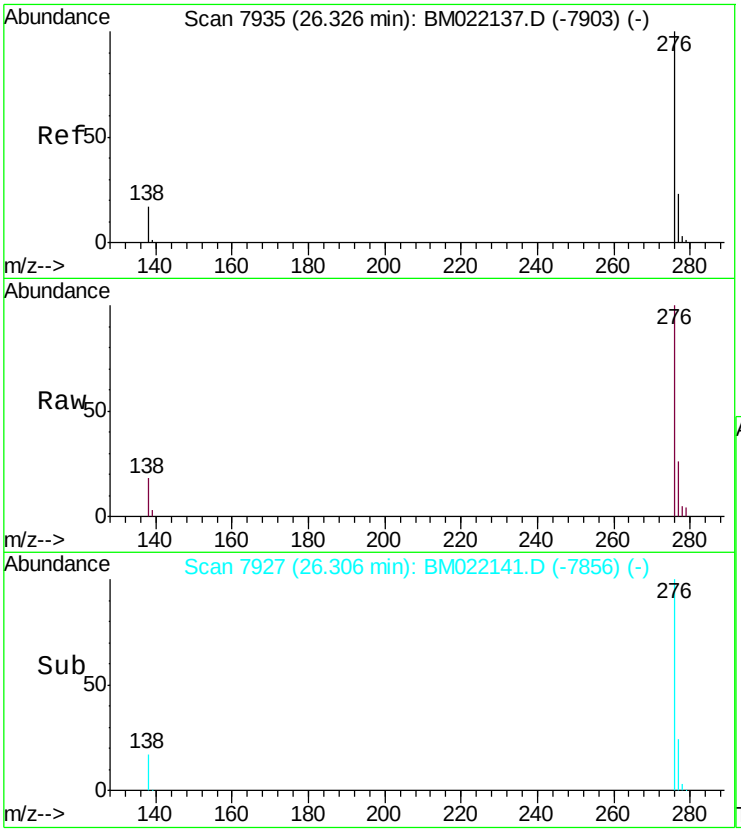


#25
Dibenzo(a,h)anthracene
Concen: 0.341 ng/ul
RT: 25.63 min Scan# 7648
Delta R.T. -0.03 min
Lab File: BM022141.D
Acq: 15 Aug 2019 12:31

Tgt Ion:278 Resp: 5004

Ion	Ratio	Lower	Upper
278	100		
139	21.1	14.2	21.2
279	33.7	28.3	42.5

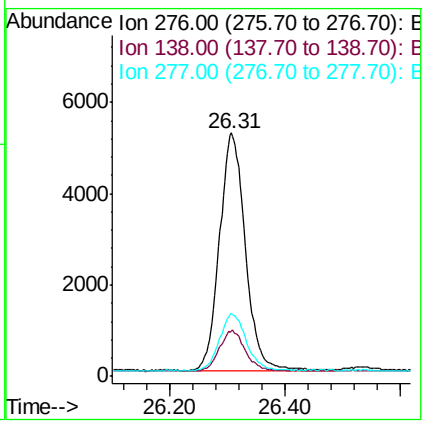




#26
Benzo(g,h,i)perylene
Concen: 0.993 ng/ul
RT: 26.31 min Scan# 7927
Delta R.T. -0.03 min
Lab File: BM022141.D
Acq: 15 Aug 2019 12:31

Tgt Ion:276 Resp: 16234

Ion	Ratio	Lower	Upper
276	100		
138	18.5	15.5	23.3
277	26.0	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
CB5P6DL

Manual Integrations APPROVED
mohammad
8/15/2019 5:10:41 PM