Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022126.D
Acq On : 15 Aug 2019 03:22
Operator : HP/JU
Sample : K4304-08DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB5N9DL

Manual Integrations APPROVED
mohammad
8/15/2019 5:09:59 PM

Quant Time: Aug 15 12:30:37 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	842	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	3462	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.25	164	1825	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	3953	0.40	ng/ul	-0.02
16) Chrysene-d12	21.21	240	3934	0.40	ng/ul	-0.02
20) Perylene-d12	23.42	264	4282	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	492	0.09	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	1132	0.08	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.43	128	4226	0.432	ng/ul	95
5) 2-Methylnaphthalene	12.07	142	1459	0.224	ng/ul	96
7) Acenaphthylene	13.98	152	2397	0.282	ng/ul#	84
8) Acenaphthene	14.32	153	3007	0.432	ng/ul	95
9) Fluorene	15.31	166	3187	0.412	ng/ul	99
12) Phenanthrene	17.05	178	51277	4.458	ng/ul	96
13) Anthracene	17.15	178	11179	1.139	ng/ul	96
15) Fluoranthene	19.08	202	86856	5.637	ng/ul	96
17) Pyrene	19.44	202	74602	4.615	ng/ul	99
18) Benzo(a)anthracene	21.20	228	40584	2.884	ng/ul	98
19) Chrysene	21.25	228	39894	2.204	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	54078m	3.745	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	21952m	1.343	ng/ul	
23) Benzo(a)pyrene	23.32	252	36054	2.455	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.62	276	25116	1.432	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.62	278	6565	0.463	ng/ul	95
26) Benzo(g,h,i)perylene	26.30	276	21113	1.338	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022126.D
Acq On : 15 Aug 2019 03:22
Operator : HP/JU
Sample : K4304-08DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 15 12:30:37 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 :
CB5N9DL

Manual Integrations APPROVED
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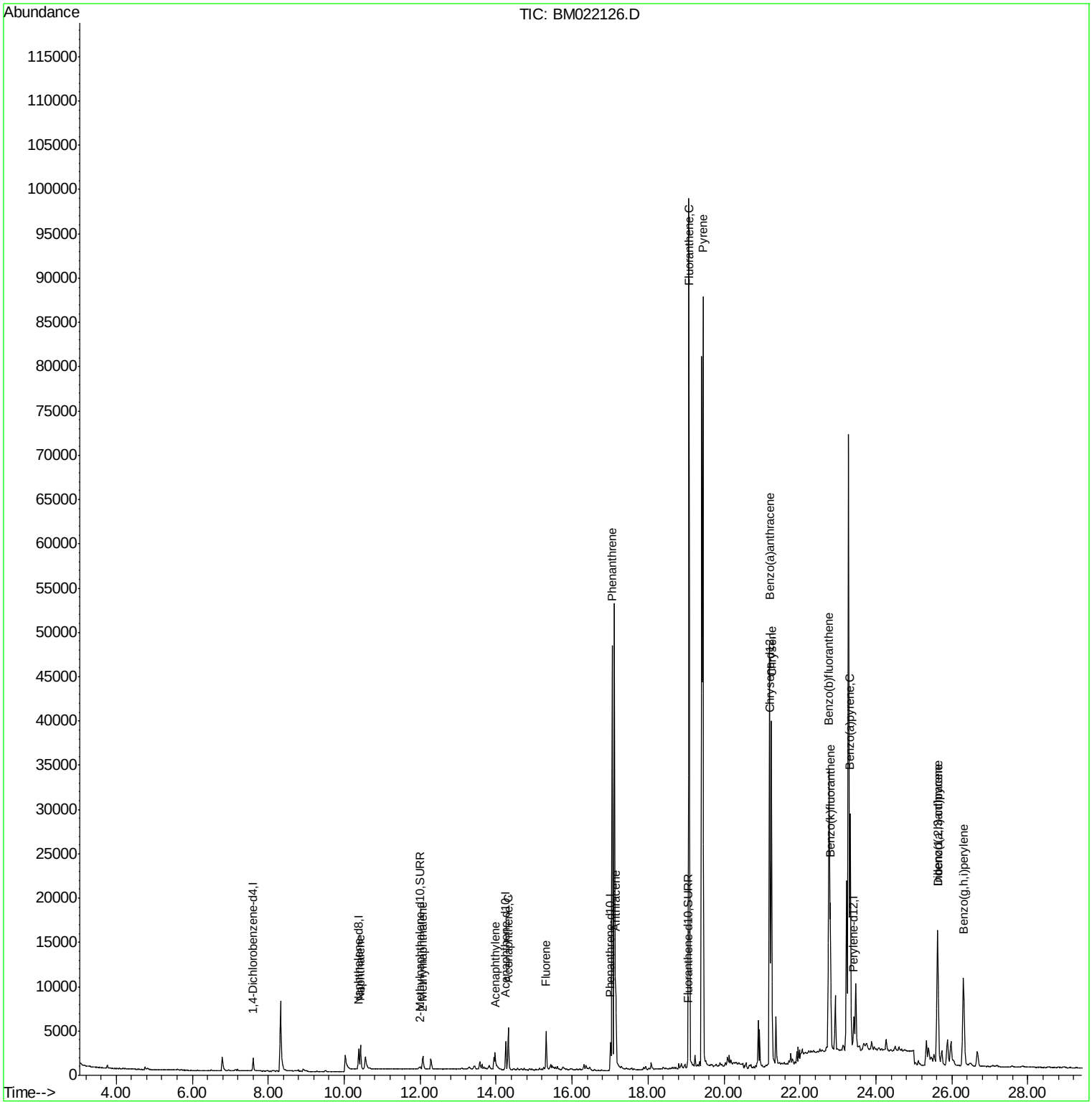
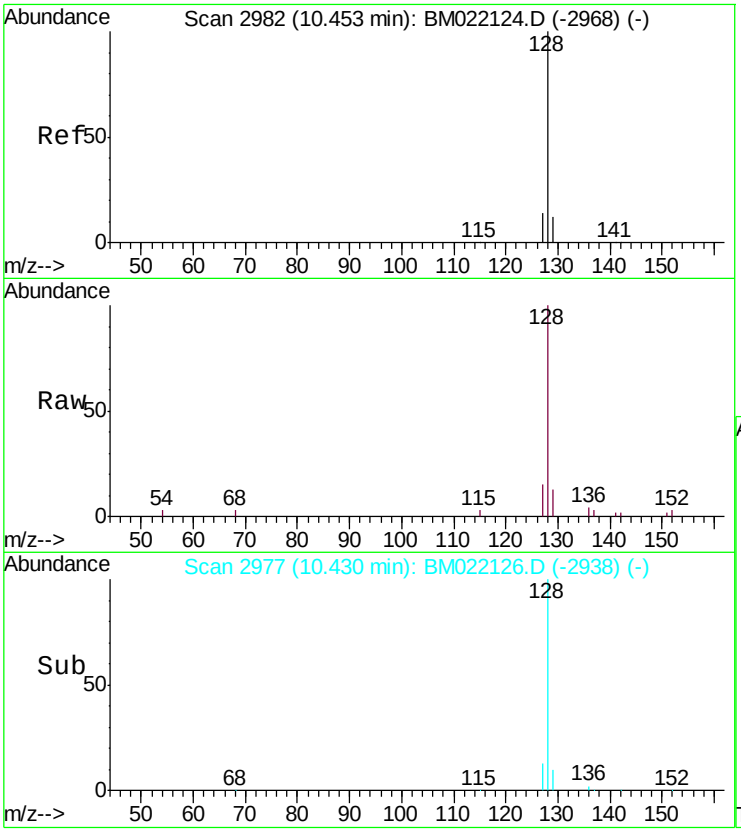
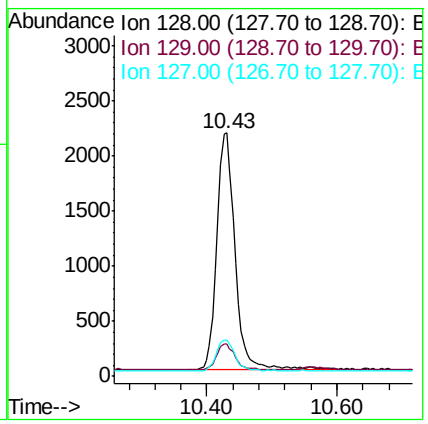




#3
Naphthalene
Concen: 0.432 ng/ul
RT: 10.43 min Scan# 2977
Delta R.T. -0.02 min
Lab File: BM022126.D
Acq: 15 Aug 2019 03:22

Tgt Ion:128 Resp: 4226

Ion	Ratio	Lower	Upper
128	100		
129	13.1	12.3	18.5
127	14.7	13.0	19.6



Instrument :
BNA_M
ClientSampleId :
CB5N9DL

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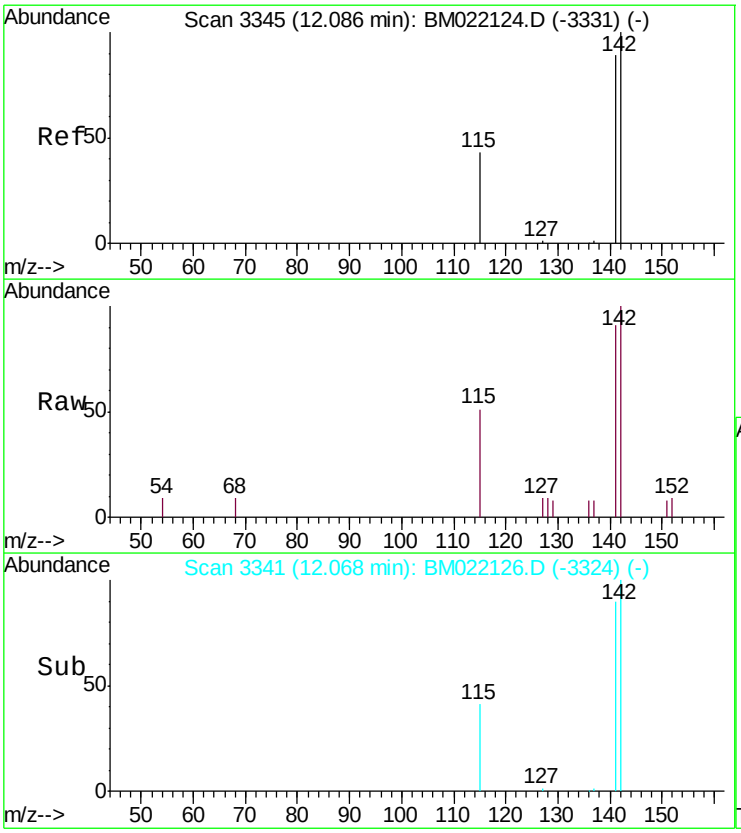
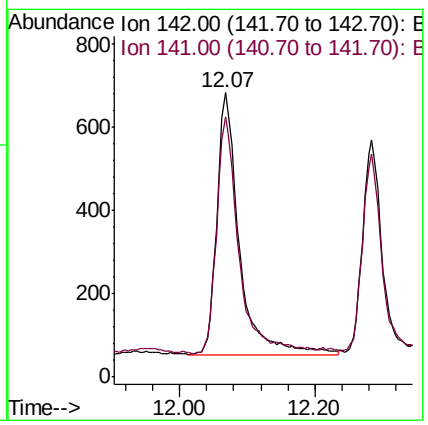
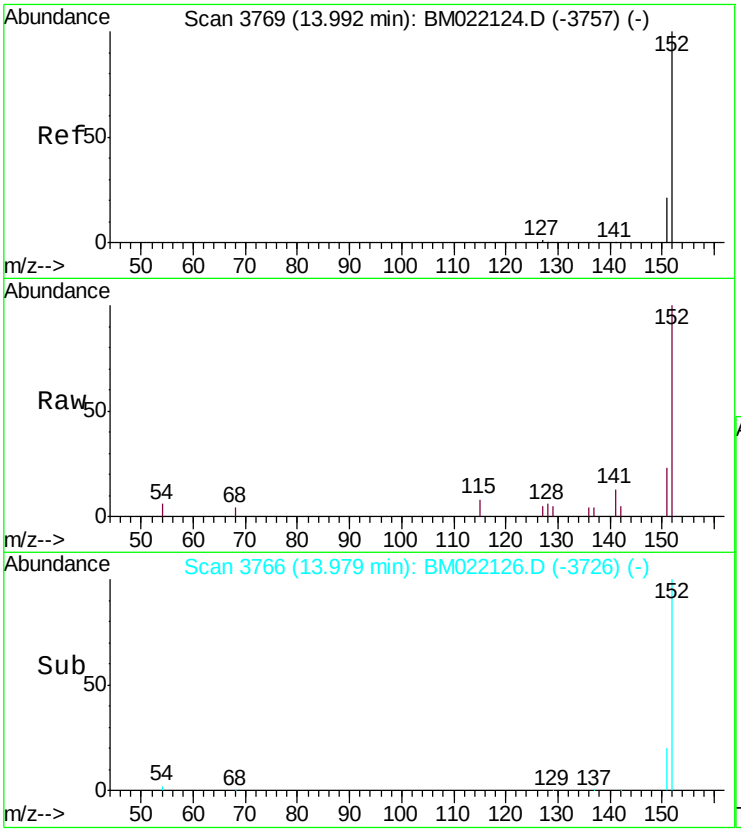


#5
2-Methylnaphthalene
Concen: 0.224 ng/ul
RT: 12.07 min Scan# 3341
Delta R.T. -0.02 min
Lab File: BM022126.D
Acq: 15 Aug 2019 03:22

Tgt Ion:142 Resp: 1459

Ion	Ratio	Lower	Upper
142	100		
141	88.8	74.3	111.5





#7
Acenaphthylene
Concen: 0.282 ng/ul
RT: 13.98 min Scan# 3766
Delta R.T. -0.02 min
Lab File: BM022126.D
Acq: 15 Aug 2019 03:22

Tgt Ion:152 Resp: 2397

Ion	Ratio	Lower	Upper
152	100		
151	23.1	18.3	27.5
153	0.0	12.8	19.2#

Instrument :
BNA_M
ClientSampleId :
CB5N9DL

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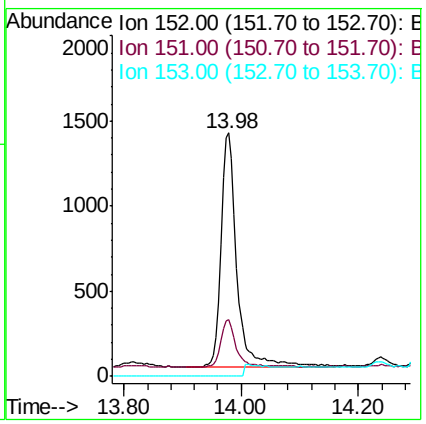
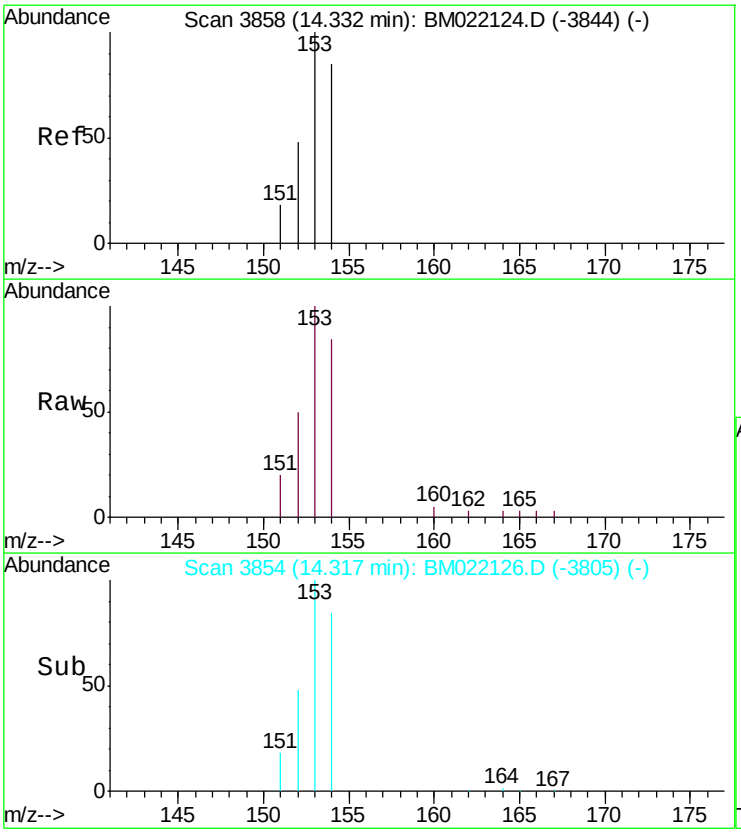
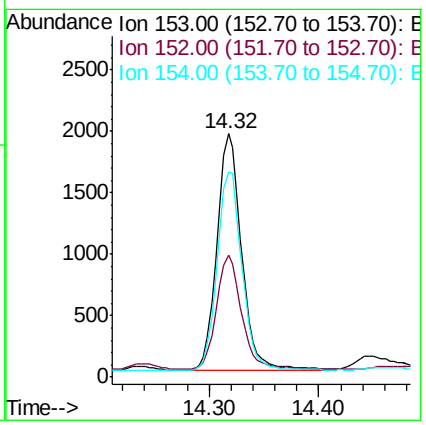


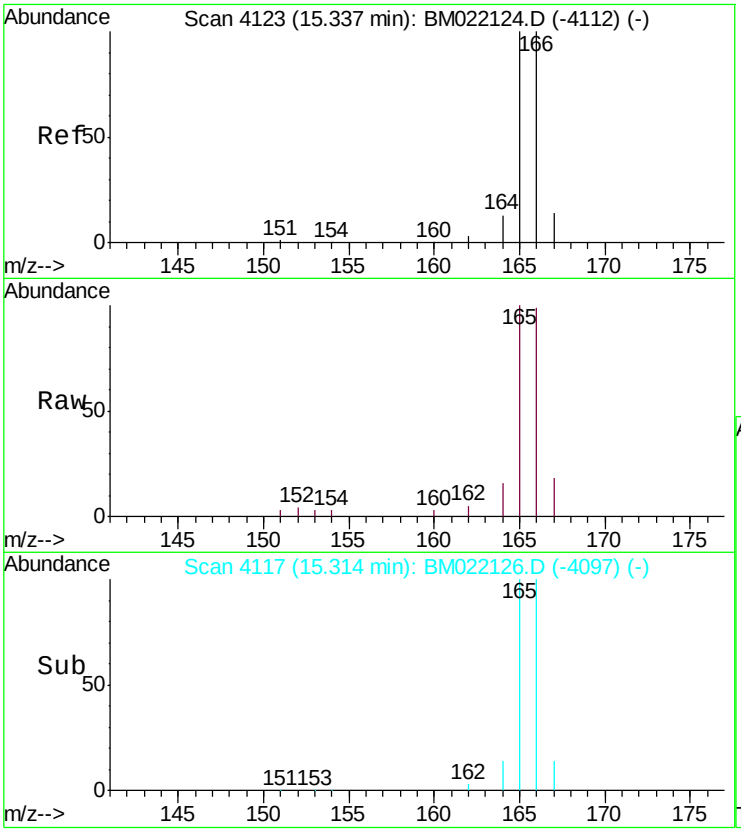


#8
Acenaphthene
Concen: 0.432 ng/ul
RT: 14.32 min Scan# 3854
Delta R.T. -0.02 min
Lab File: BM022126.D
Acq: 15 Aug 2019 03:22

Tgt Ion:153 Resp: 3007

Ion	Ratio	Lower	Upper
153	100		
152	50.0	41.3	61.9
154	84.2	72.3	108.5

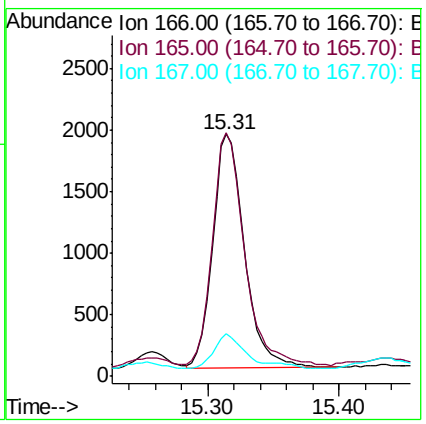




#9
Fluorene
Concen: 0.412 ng/ul
RT: 15.31 min Scan# 4117
Delta R.T. -0.02 min
Lab File: BM022126.D
Acq: 15 Aug 2019 03:22

Tgt Ion:166 Resp: 3187

Ion	Ratio	Lower	Upper
166	100		
165	100.6	81.4	122.0
167	17.7	13.7	20.5



Instrument :
BNA_M
ClientSampleId :
CB5N9DL

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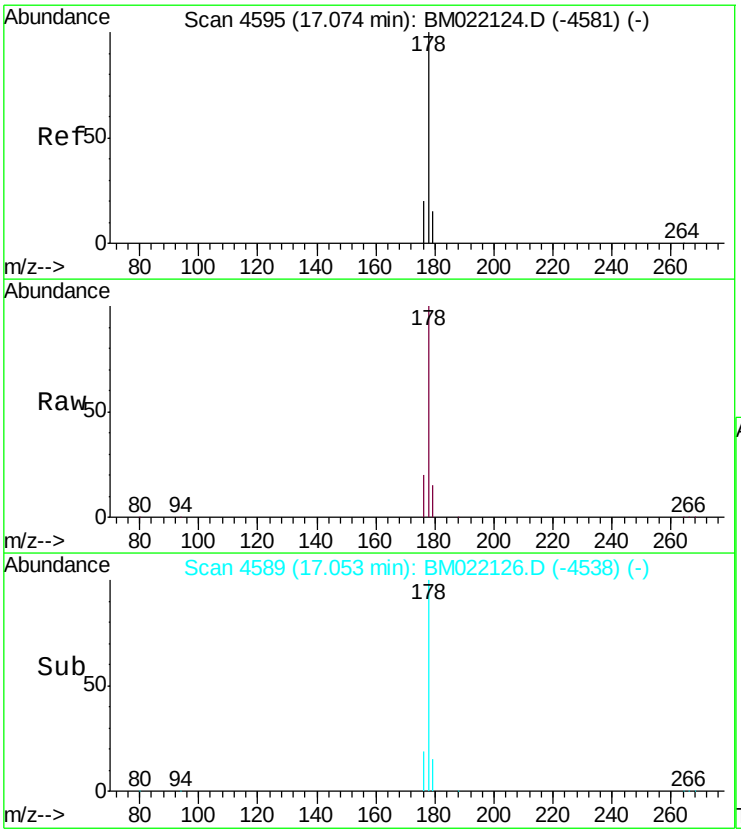
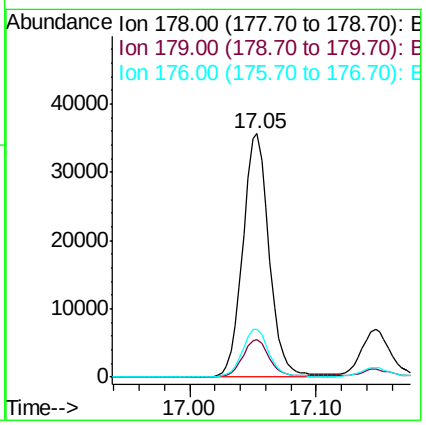
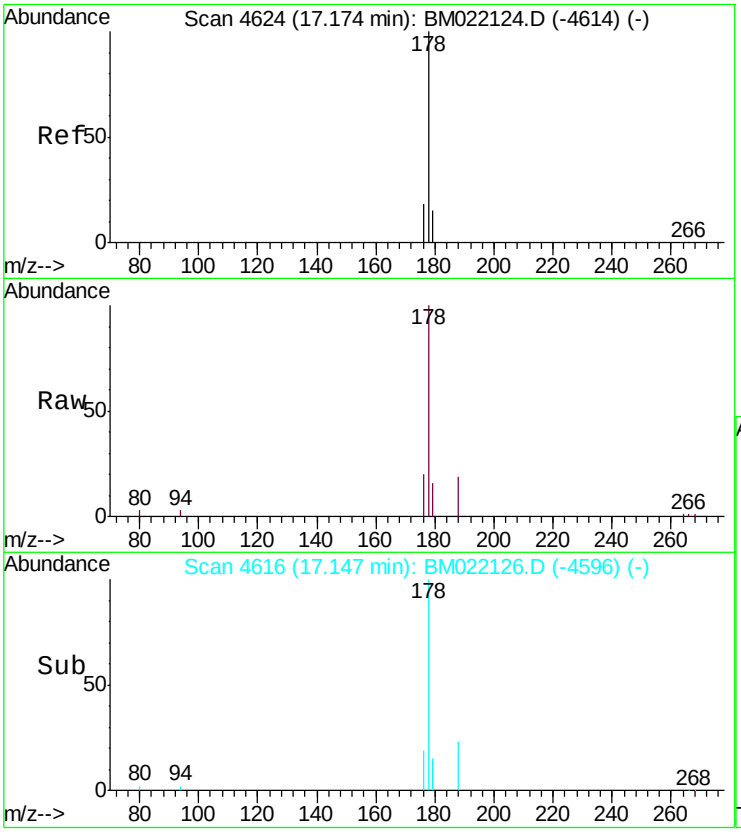


#12
Phenanthrene
Concen: 4.458 ng/ul
RT: 17.05 min Scan# 4589
Delta R.T. -0.02 min
Lab File: BM022126.D
Acq: 15 Aug 2019 03:22

Tgt Ion:178 Resp: 51277

Ion	Ratio	Lower	Upper
178	100		
179	15.4	14.2	21.2
176	19.6	16.8	25.2

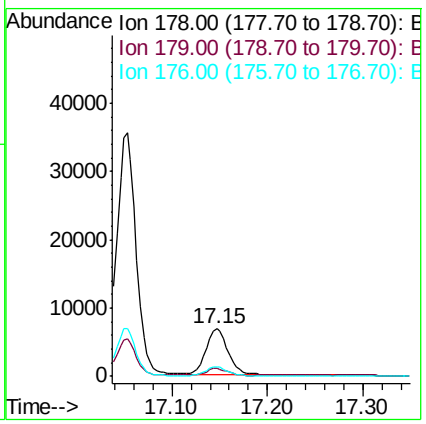




#13
Anthracene
Concen: 1.139 ng/ul
RT: 17.15 min Scan# 4616
Delta R.T. -0.03 min
Lab File: BM022126.D
Acq: 15 Aug 2019 03:22

Tgt Ion:178 Resp: 11179

Ion	Ratio	Lower	Upper
178	100		
179	16.4	15.5	23.3
176	19.8	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
CB5N9DL

Manual Integrations APPROVED
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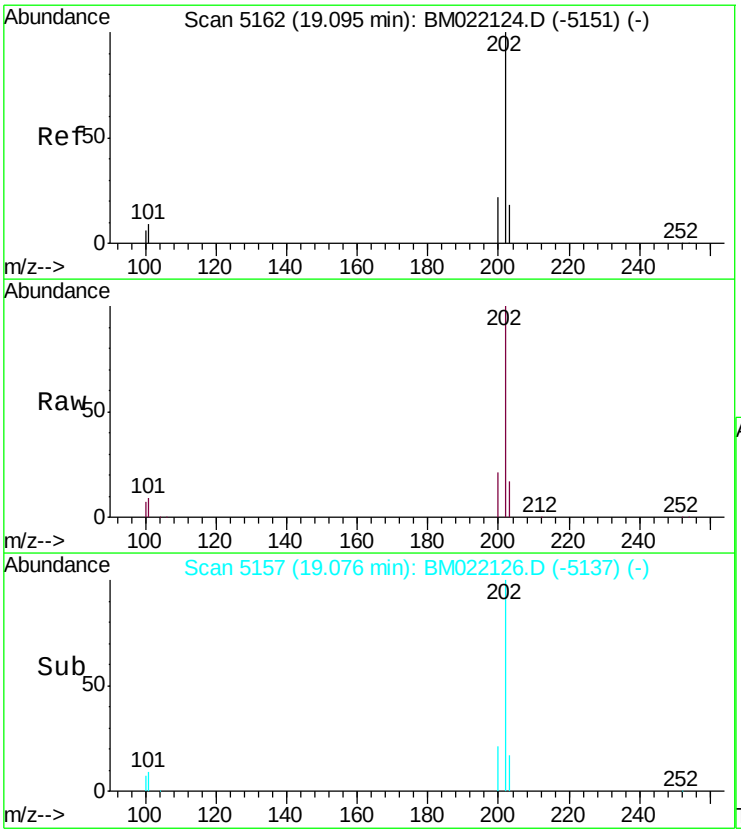
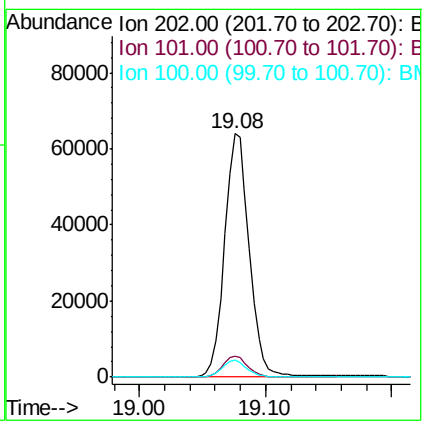
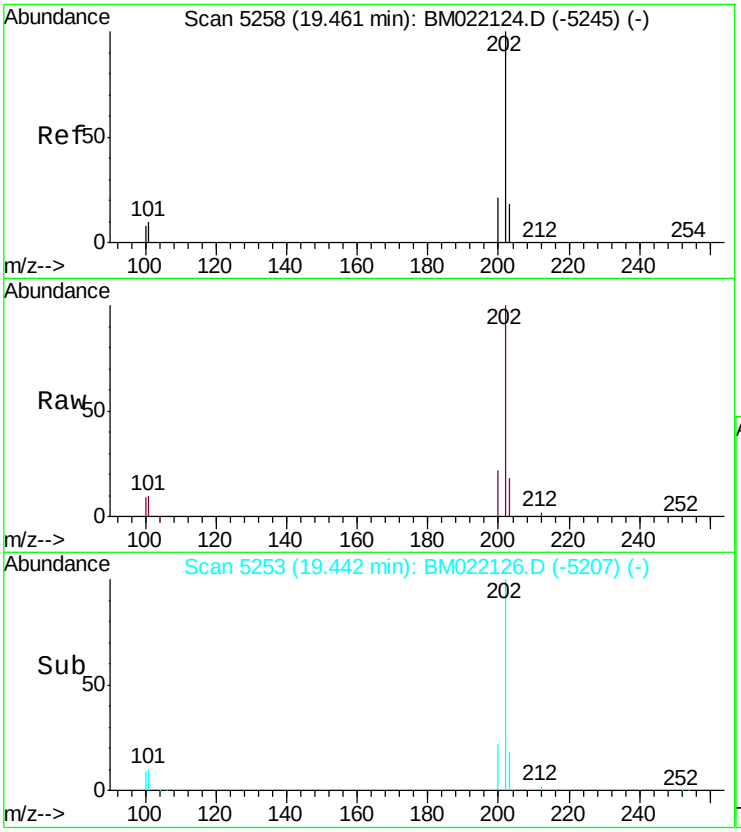


#15
Fluoranthene
Concen: 5.637 ng/ul
RT: 19.08 min Scan# 5157
Delta R.T. -0.02 min
Lab File: BM022126.D
Acq: 15 Aug 2019 03:22

Tgt Ion:202 Resp: 86856

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

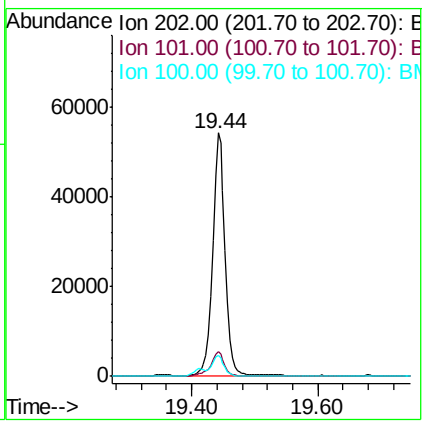




#17
Pyrene
Concen: 4.615 ng/ul
RT: 19.44 min Scan# 5253
Delta R.T. -0.02 min
Lab File: BM022126.D
Acq: 15 Aug 2019 03:22

Tgt Ion:202 Resp: 74602

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.3	12.5
100	8.6	7.2	10.8



Instrument :
BNA_M
ClientSampleId :
CB5N9DL

Manual Integrations APPROVED
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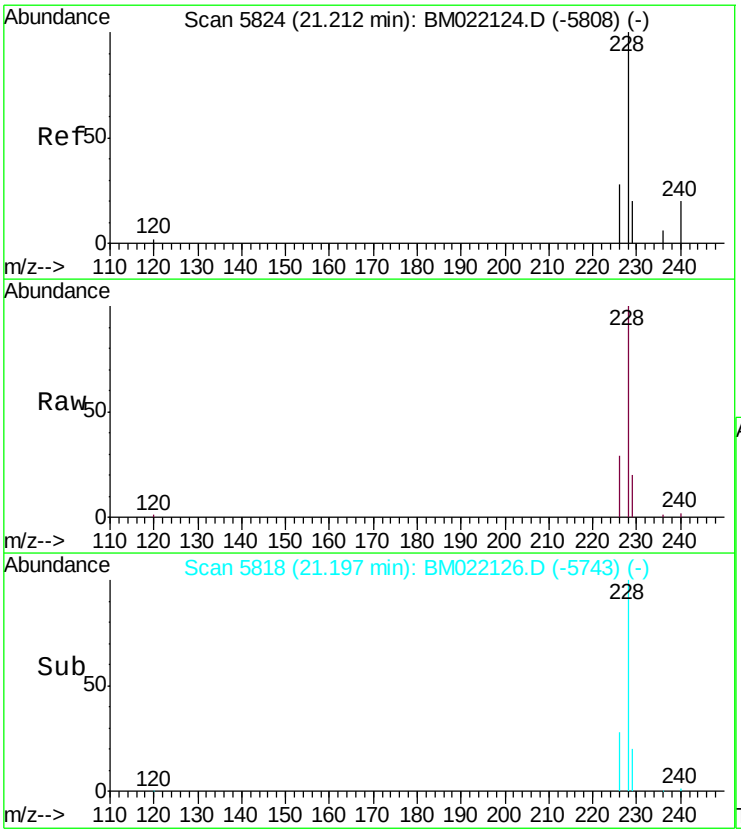
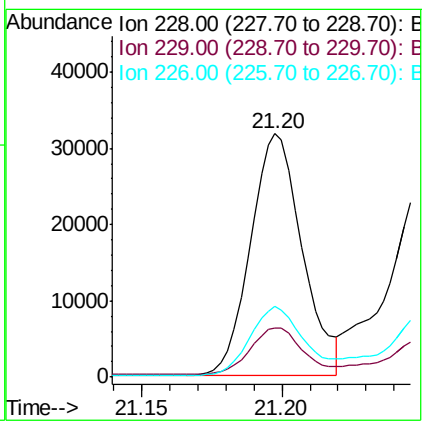
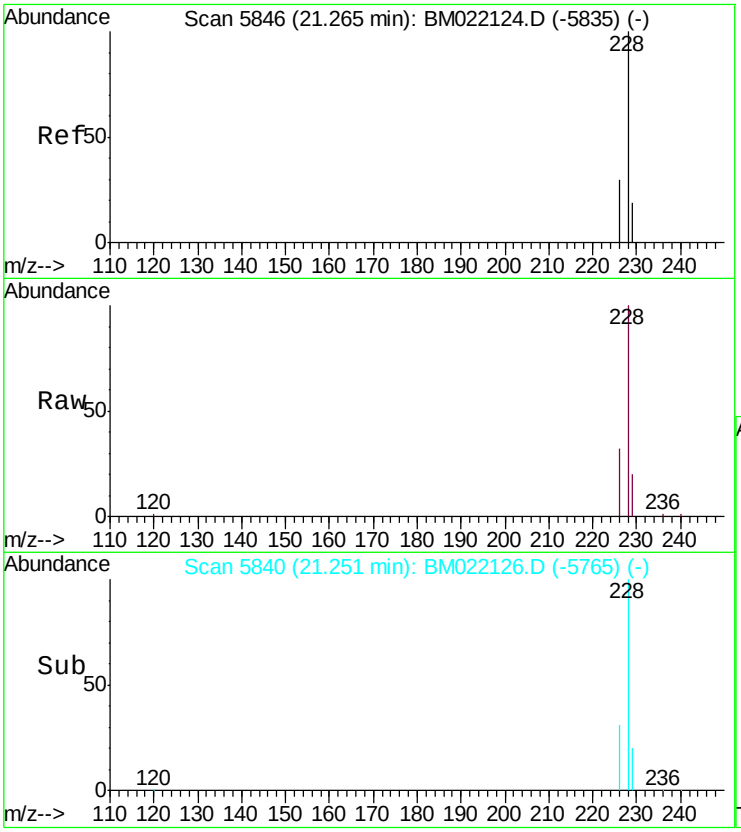


#18
Benzo(a)anthracene
Concen: 2.884 ng/ul
RT: 21.20 min Scan# 5818
Delta R.T. -0.02 min
Lab File: BM022126.D
Acq: 15 Aug 2019 03:22

Tgt Ion:228 Resp: 40584

Ion	Ratio	Lower	Upper
228	100		
229	20.3	17.2	25.8
226	28.8	22.6	34.0

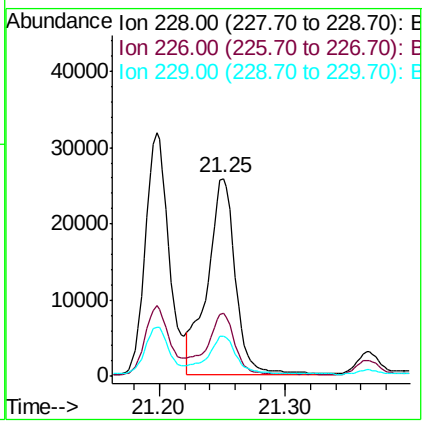




#19
Chrysene
Concen: 2.204 ng/ul
RT: 21.25 min Scan# 5840
Delta R.T. -0.02 min
Lab File: BM022126.D
Acq: 15 Aug 2019 03:22

Tgt Ion:228 Resp: 39894

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	20.4	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
CB5N9DL

Manual Integrations APPROVED
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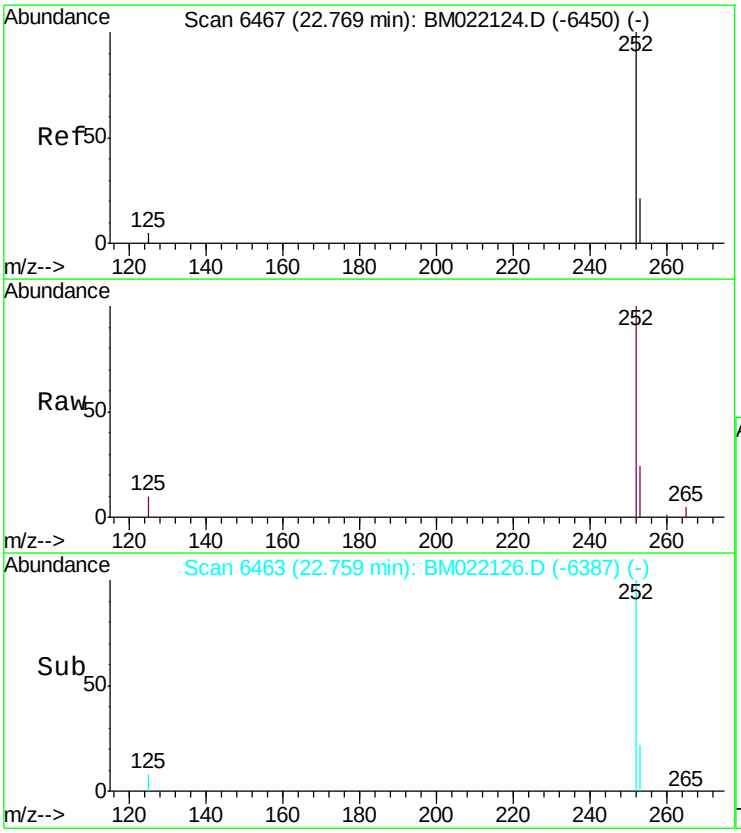
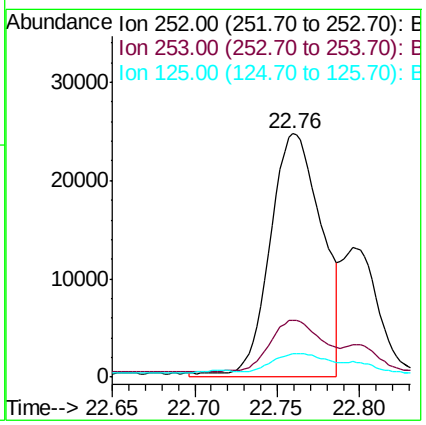
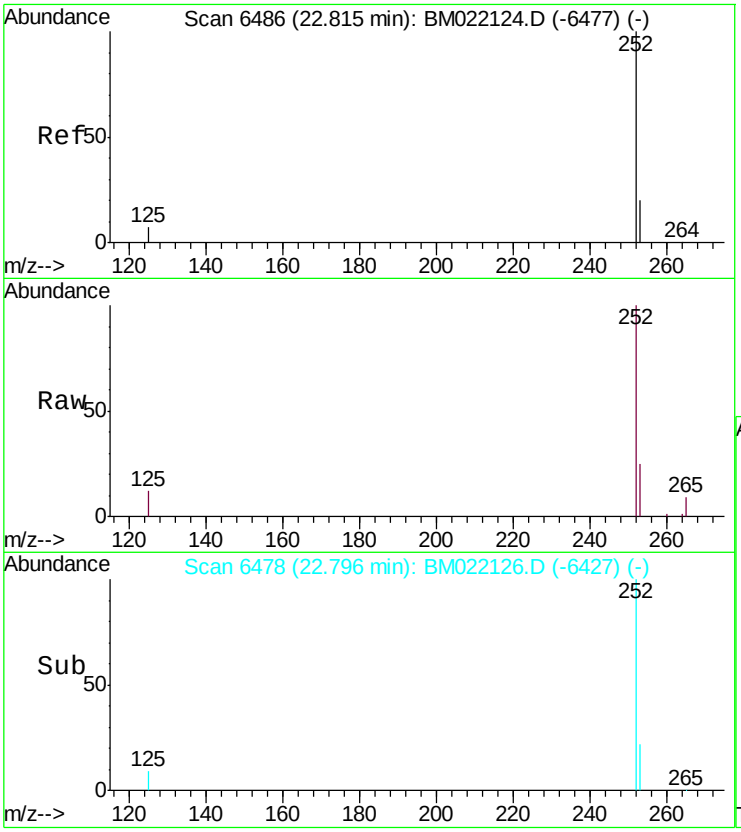


#21
Benzo(b)fluoranthene
Concen: 3.745 ng/ul m
RT: 22.76 min Scan# 6463
Delta R.T. -0.02 min
Lab File: BM022126.D
Acq: 15 Aug 2019 03:22

Tgt Ion:252 Resp: 54078

Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	67.4
125	9.7	0.0	31.0





#22
Benzo(k)fluoranthene
Concen: 1.343 ng/ul m
RT: 22.80 min Scan# 6478
Delta R.T. -0.03 min
Lab File: BM022126.D
Acq: 15 Aug 2019 03:22

Tgt Ion:252 Resp: 21952

Ion	Ratio	Lower	Upper
252	100		
253	25.0	27.0	40.4#
125	11.6	12.2	18.2#

Instrument :
BNA_M
ClientSampleId :
CB5N9DL

Manual Integrations APPROVED
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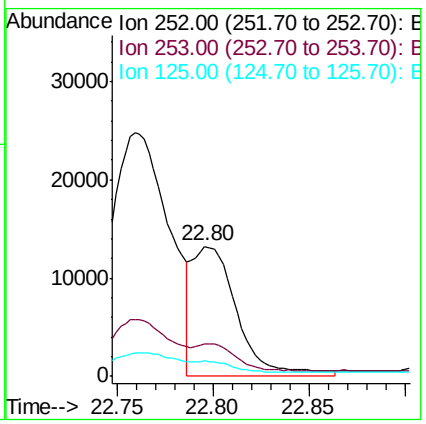
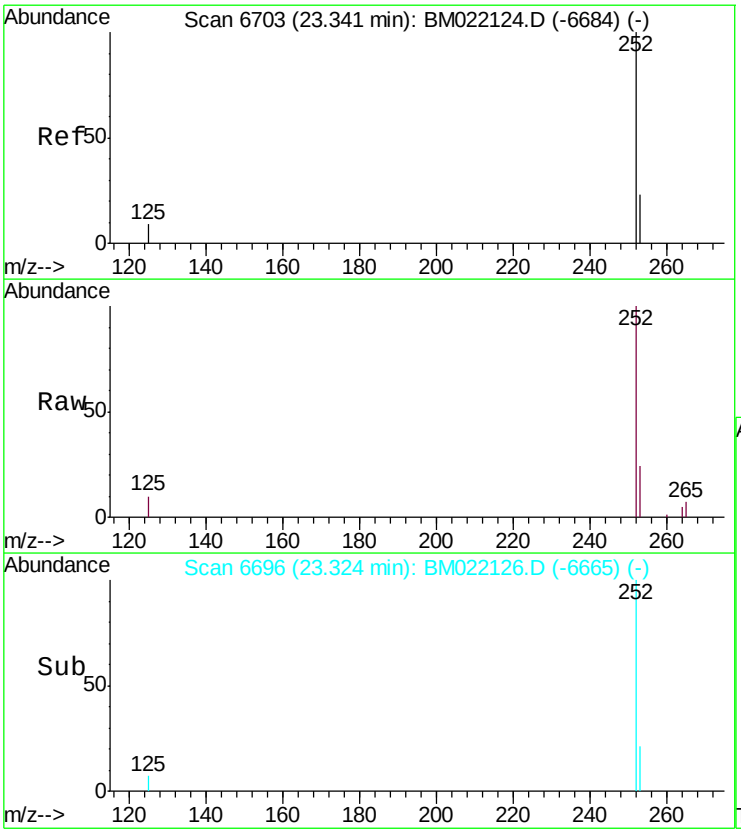
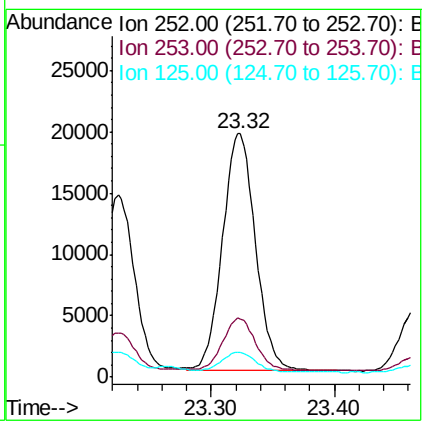


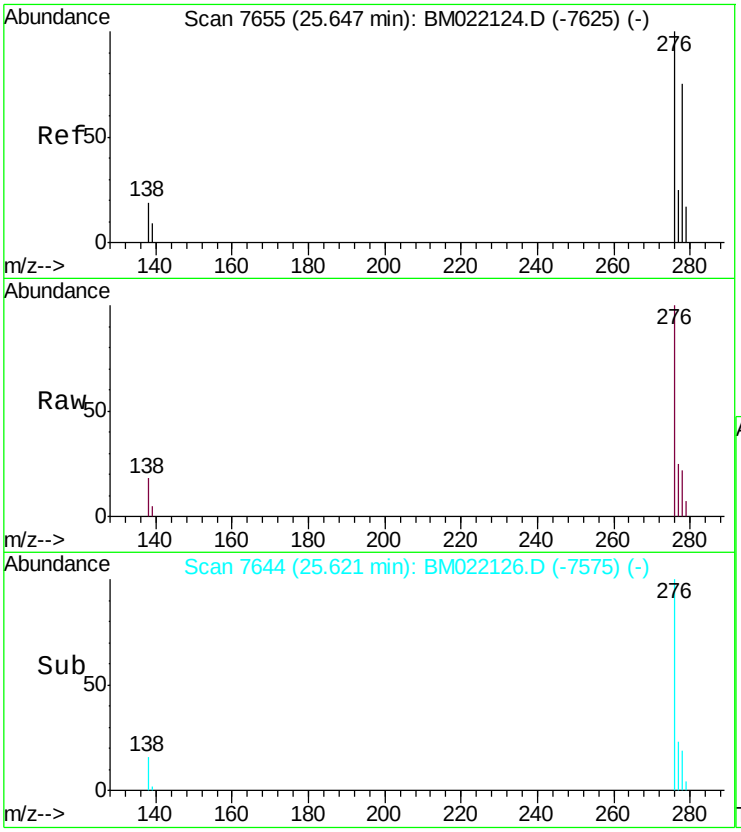


#23
Benzo(a)pyrene
Concen: 2.455 ng/ul
RT: 23.32 min Scan# 6696
Delta R.T. -0.02 min
Lab File: BM022126.D
Acq: 15 Aug 2019 03:22

Tgt Ion:252 Resp: 36054

Ion	Ratio	Lower	Upper
252	100		
253	23.8	31.7	47.5#
125	10.4	14.6	21.8#

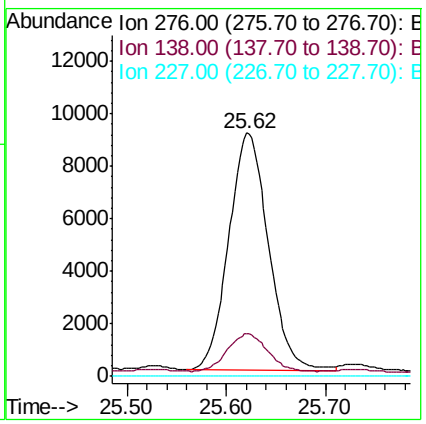




#24
Indeno(1,2,3-cd)pyrene
Concen: 1.432 ng/ul
RT: 25.62 min Scan# 7644
Delta R.T. -0.03 min
Lab File: BM022126.D
Acq: 15 Aug 2019 03:22

Tgt Ion:276 Resp: 25116

Ion	Ratio	Lower	Upper
276	100		
138	16.3	15.1	22.7
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
CB5N9DL

Manual Integrations APPROVED
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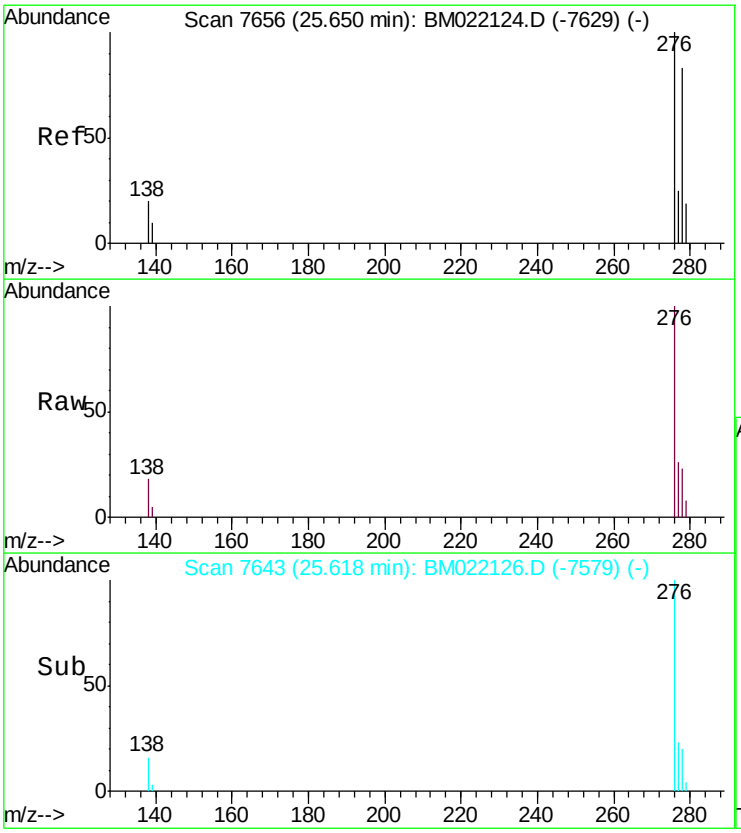
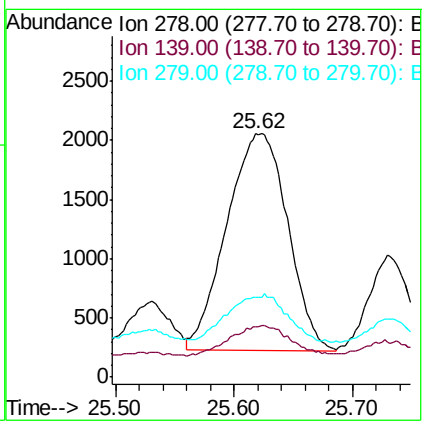
8/15/2019 5:09:59 PM

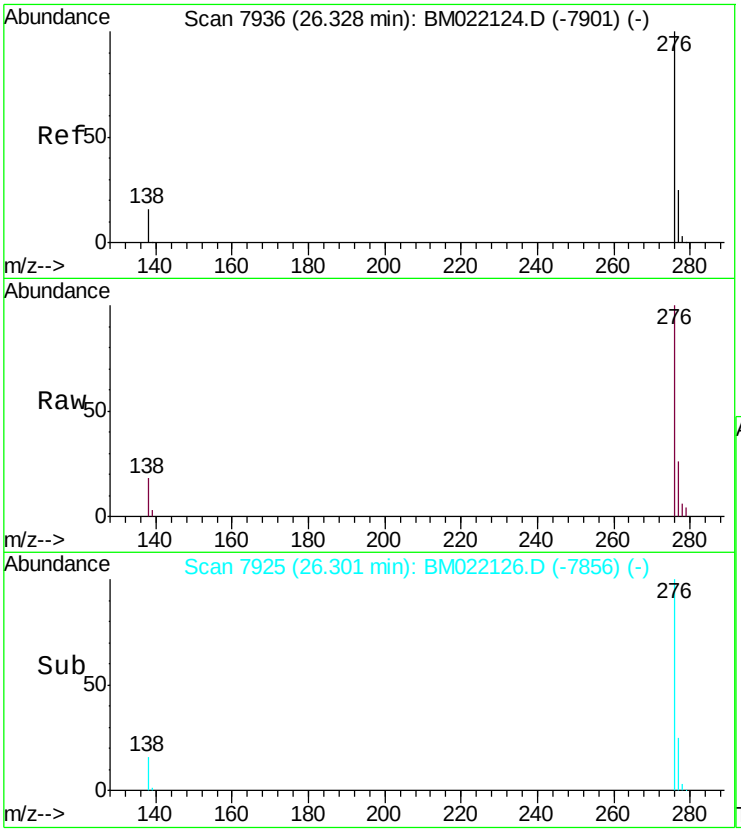


#25
Dibenzo(a,h)anthracene
Concen: 0.463 ng/ul
RT: 25.62 min Scan# 7643
Delta R.T. -0.05 min
Lab File: BM022126.D
Acq: 15 Aug 2019 03:22

Tgt Ion:278 Resp: 6565

Ion	Ratio	Lower	Upper
278	100		
139	20.7	14.2	21.2
279	32.9	28.3	42.5

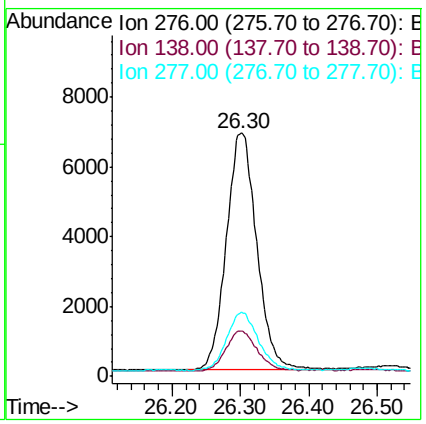




#26
Benzo(g,h,i)perylene
Concen: 1.338 ng/ul
RT: 26.30 min Scan# 7925
Delta R.T. -0.03 min
Lab File: BM022126.D
Acq: 15 Aug 2019 03:22

Tgt Ion:276 Resp: 21113

Ion	Ratio	Lower	Upper
276	100		
138	18.3	15.5	23.3
277	26.4	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
CB5N9DL

Manual Integrations APPROVED
mohammad
8/15/2019 5:09:59 PM