Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022144.D
Acq On : 15 Aug 2019 14:43
Operator : HP/JU
Sample : K4183-15DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG1DL

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Quant Time: Aug 15 15:45:00 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	865	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	3478	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.25	164	1903	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4687m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.22	240	4781m	0.40	ng/ul	-0.01
20) Perylene-d12	23.43	264	5251	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	206	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	577m	0.04	ng/ul	-0.02
Target Compounds						Qvalue
5) 2-Methylnaphthalene	12.08	142	204	0.031	ng/ul	94
7) Acenaphthylene	13.98	152	504	0.057	ng/ul#	66
8) Acenaphthene	14.32	153	1656	0.228	ng/ul	95
9) Fluorene	15.31	166	2098	0.260	ng/ul	100
12) Phenanthrene	17.05	178	44545m	3.266	ng/ul	
13) Anthracene	17.15	178	11974m	1.029	ng/ul	
15) Fluoranthene	19.08	202	77843m	4.261	ng/ul	
17) Pyrene	19.45	202	60521	3.080	ng/ul	97
18) Benzo(a)anthracene	21.20	228	33074	1.934	ng/ul	99
19) Chrysene	21.25	228	31321	1.424	ng/ul	97
21) Benzo(b)fluoranthene	22.77	252	36312m	2.051	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	15088m	0.753	ng/ul	
23) Benzo(a)pyrene	23.33	252	23930	1.329	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.64	276	15614	0.726	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.64	278	4039	0.232	ng/ul#	58
26) Benzo(g,h,i)perylene	26.31	276	14537	0.751	ng/ul	96

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022144.D
Acq On : 15 Aug 2019 14:43
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Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Aug 15 15:45:00 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
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Instrument :
BNA_M
ClientSampleId :
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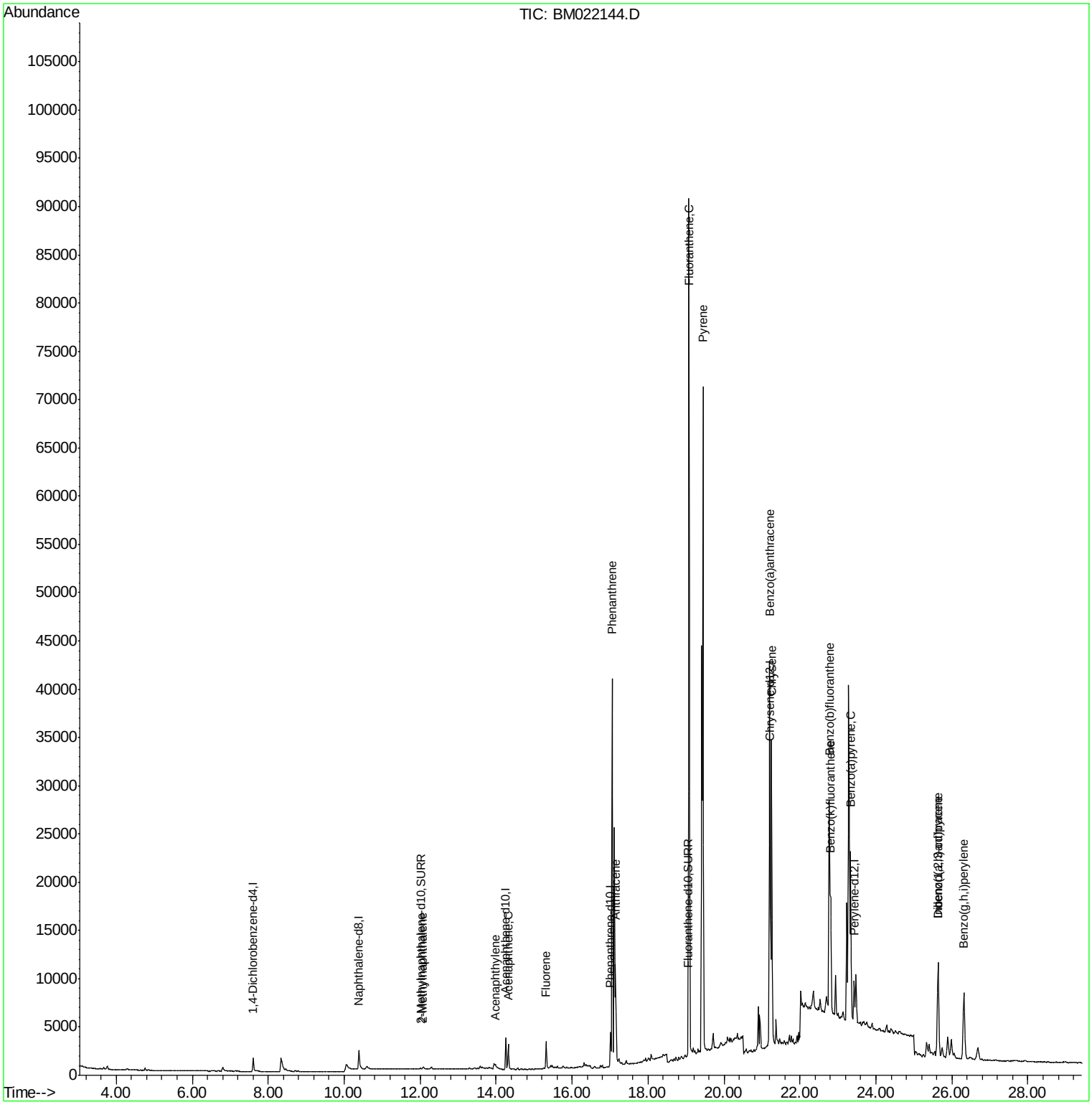

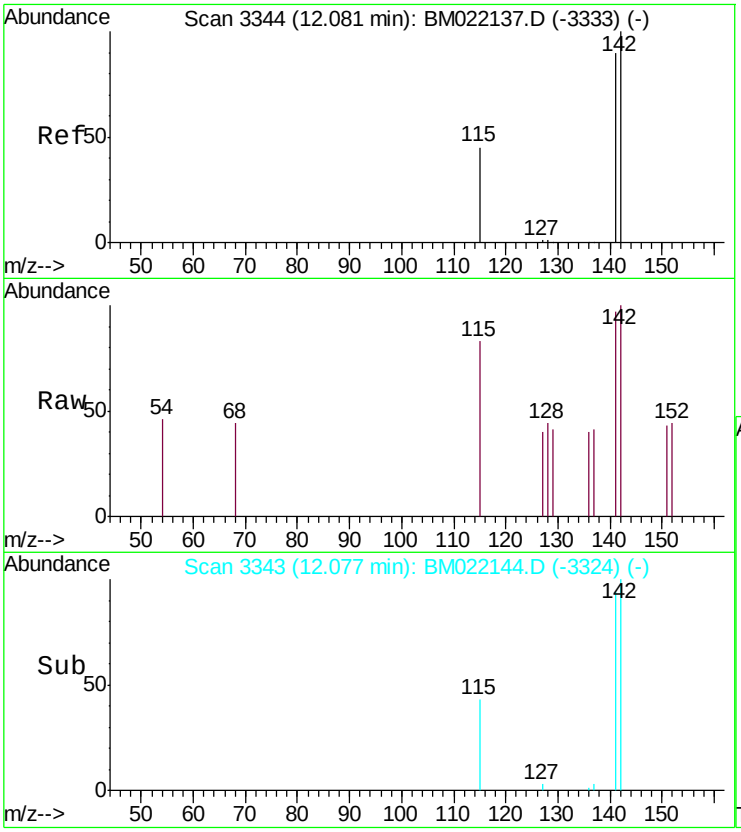

#5
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.08 min Scan# 3343
Delta R.T. -0.01 min
Lab File: BM022144.D
Acq: 15 Aug 2019 14:43

Tgt Ion:142 Resp: 204

Ion	Ratio	Lower	Upper
142	100		
141	86.8	74.3	111.5

Instrument :
BNA_M
ClientSampleId :
C0AG1DL

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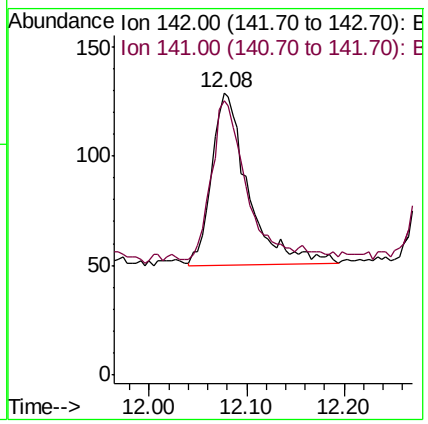
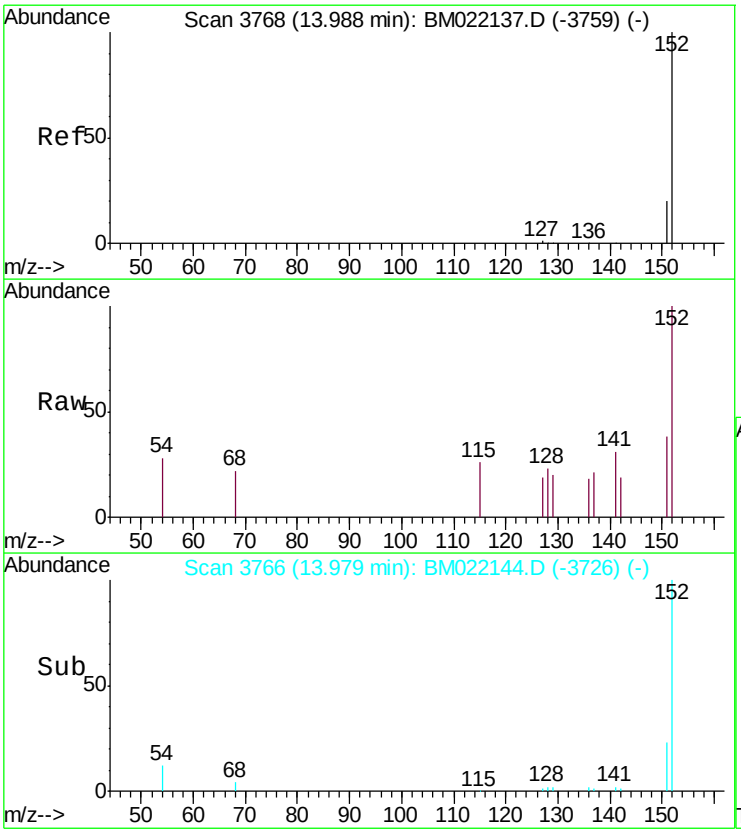
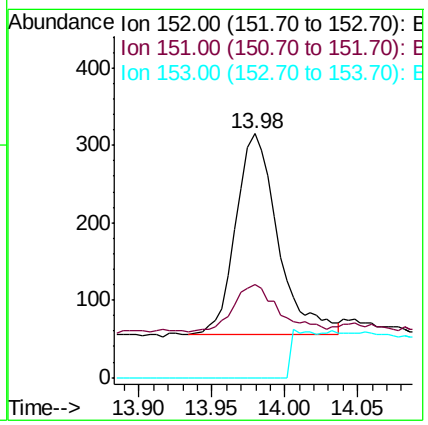


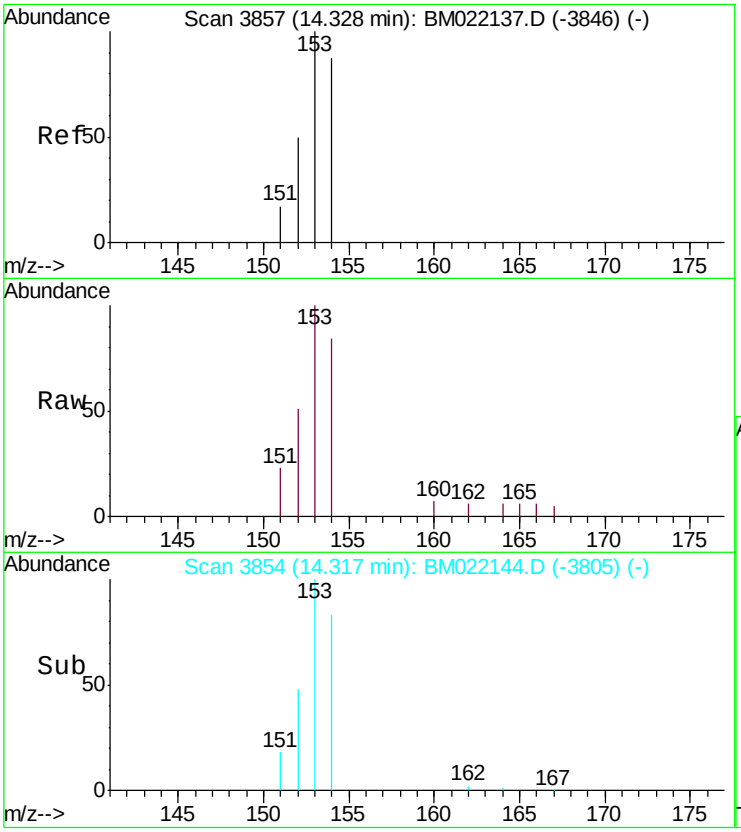


#7
Acenaphthylene
Concen: 0.057 ng/ul
RT: 13.98 min Scan# 3766
Delta R.T. -0.02 min
Lab File: BM022144.D
Acq: 15 Aug 2019 14:43

Tgt Ion:152 Resp: 504

Ion	Ratio	Lower	Upper
152	100		
151	38.1	18.3	27.5#
153	0.0	12.8	19.2#

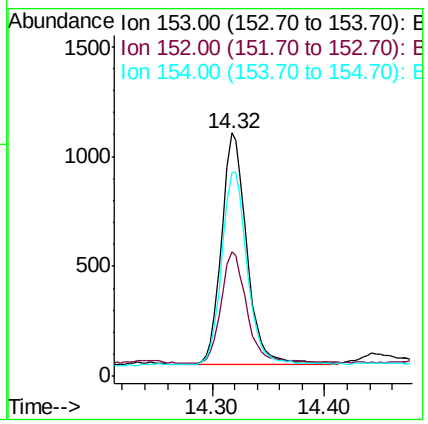




#8
Acenaphthene
Concen: 0.228 ng/ul
RT: 14.32 min Scan# 3854
Delta R.T. -0.02 min
Lab File: BM022144.D
Acq: 15 Aug 2019 14:43

Tgt Ion:153 Resp: 1656

Ion	Ratio	Lower	Upper
153	100		
152	50.9	41.3	61.9
154	83.6	72.3	108.5



Instrument :
BNA_M
ClientSampleId :
C0AG1DL

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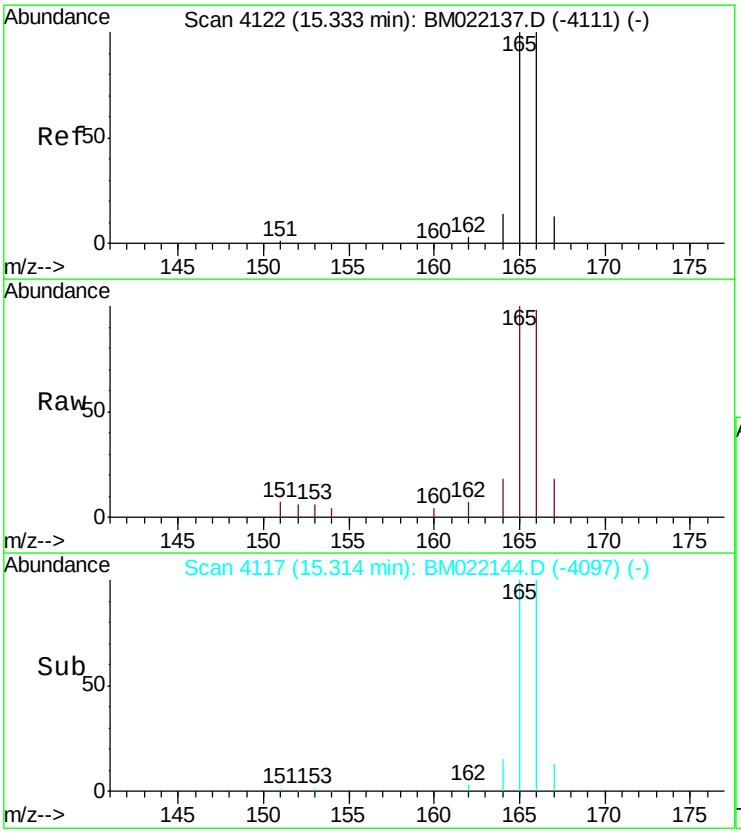
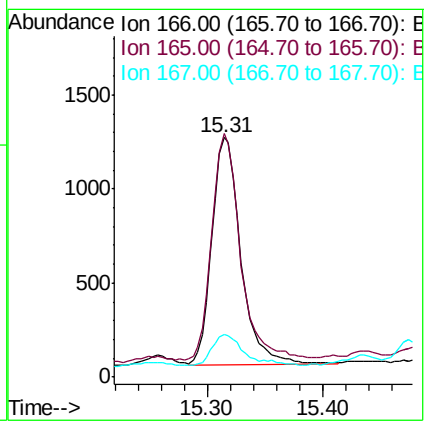
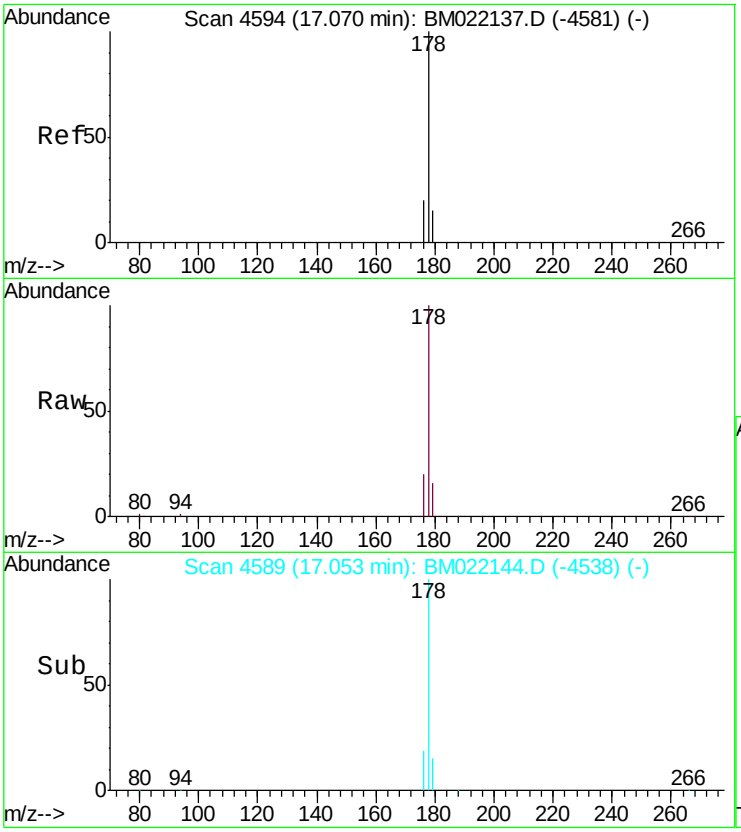


#9
Fluorene
Concen: 0.260 ng/ul
RT: 15.31 min Scan# 4117
Delta R.T. -0.02 min
Lab File: BM022144.D
Acq: 15 Aug 2019 14:43

Tgt Ion:166 Resp: 2098

Ion	Ratio	Lower	Upper
166	100		
165	101.8	81.4	122.0
167	18.0	13.7	20.5

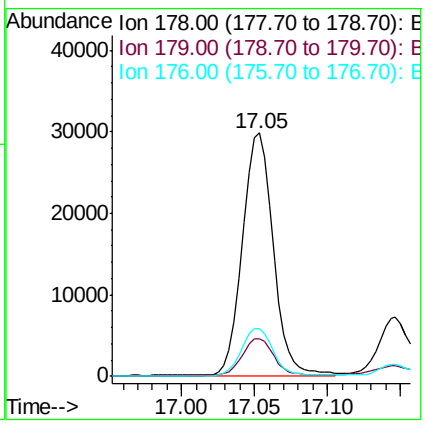




#12
Phenanthrene
Concen: 3.266 ng/ul m
RT: 17.05 min Scan# 4589
Delta R.T. -0.02 min
Lab File: BM022144.D
Acq: 15 Aug 2019 14:43

Tgt Ion:178 Resp: 44545

Ion	Ratio	Lower	Upper
178	100		
179	15.6	14.2	21.2
176	19.7	16.8	25.2



Instrument :
BNA_M
ClientSampleId :
C0AG1DL

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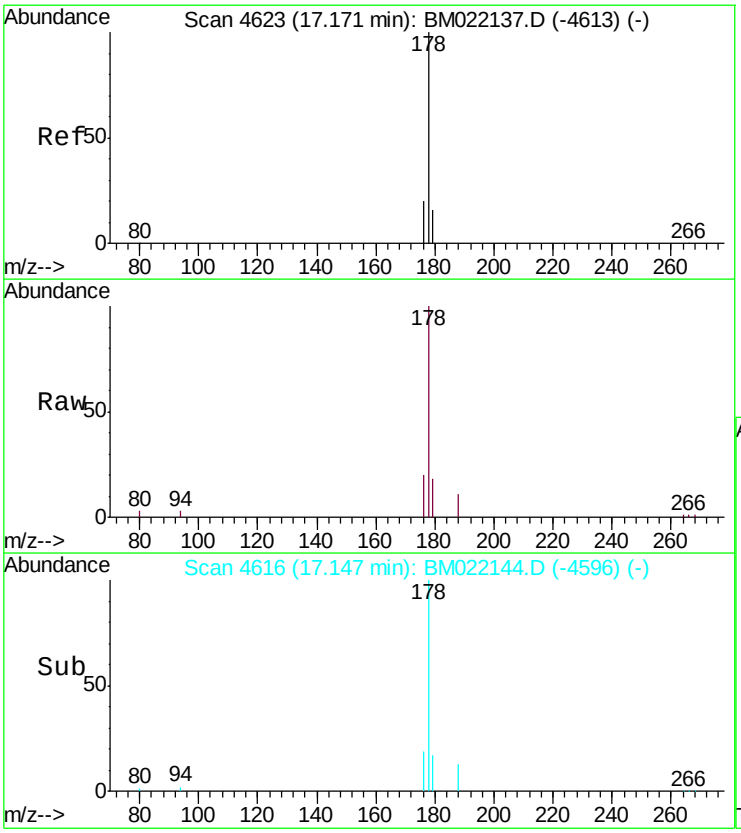
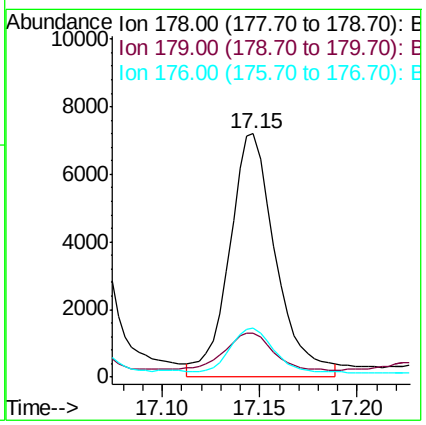
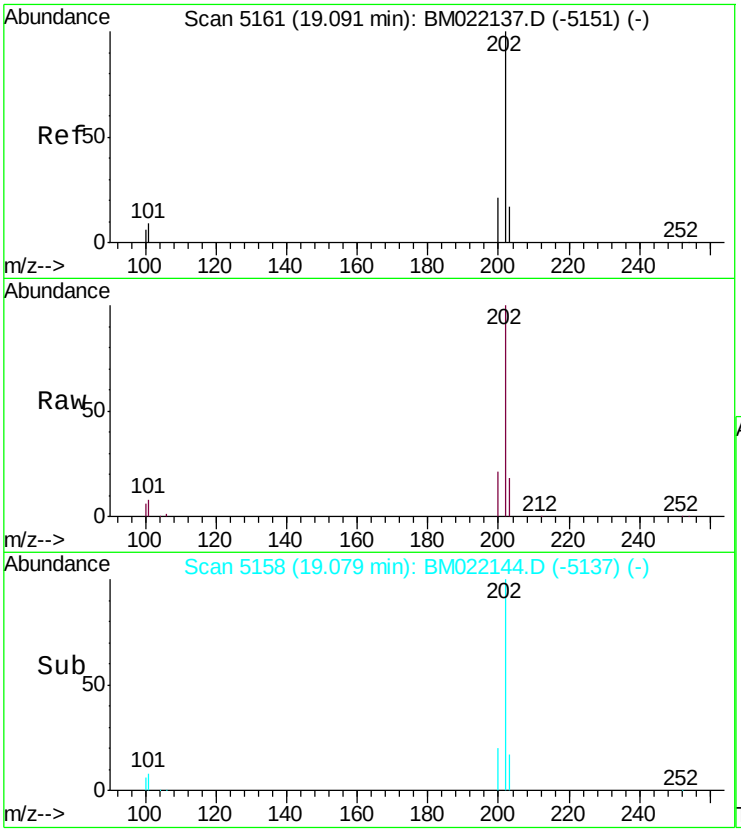


#13
Anthracene
Concen: 1.029 ng/ul m
RT: 17.15 min Scan# 4616
Delta R.T. -0.03 min
Lab File: BM022144.D
Acq: 15 Aug 2019 14:43

Tgt Ion:178 Resp: 11974

Ion	Ratio	Lower	Upper
178	100		
179	18.3	15.5	23.3
176	20.2	16.6	25.0

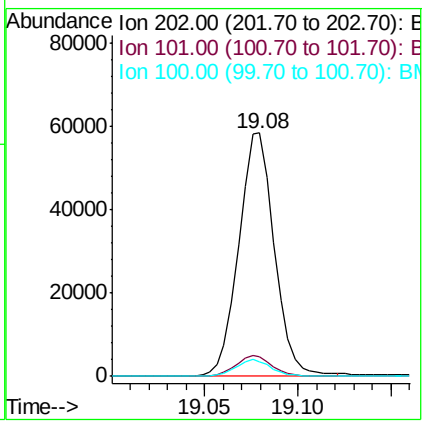




#15
Fluoranthene
Concen: 4.261 ng/ul m
RT: 19.08 min Scan# 5158
Delta R.T. -0.02 min
Lab File: BM022144.D
Acq: 15 Aug 2019 14:43

Tgt Ion:202 Resp: 77843

Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	30.2
100	6.2	0.0	28.1



Instrument :
BNA_M
ClientSampleId :
C0AG1DL

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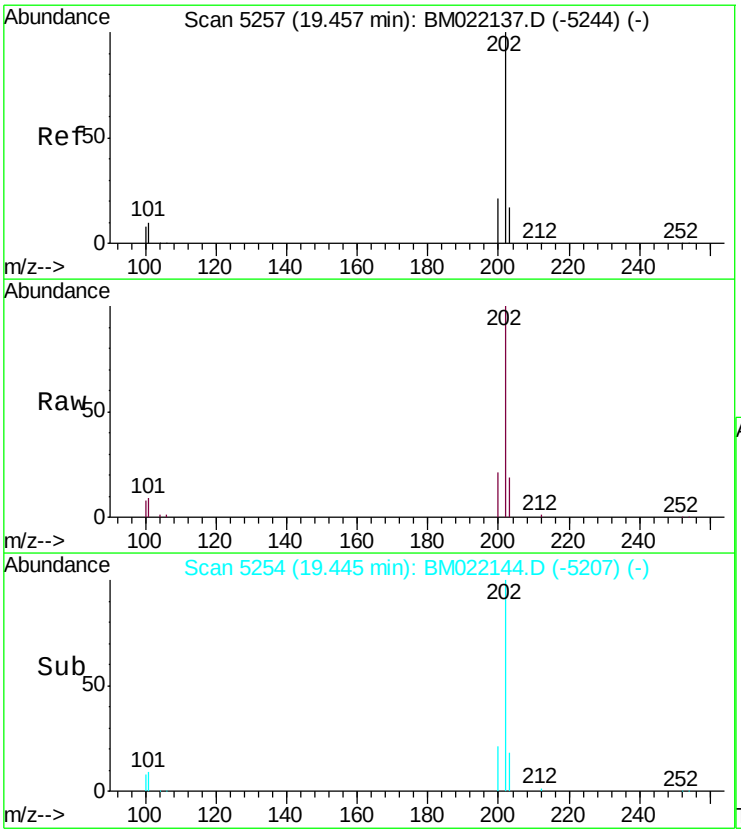
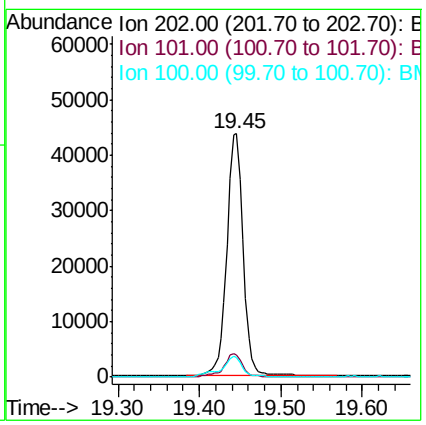
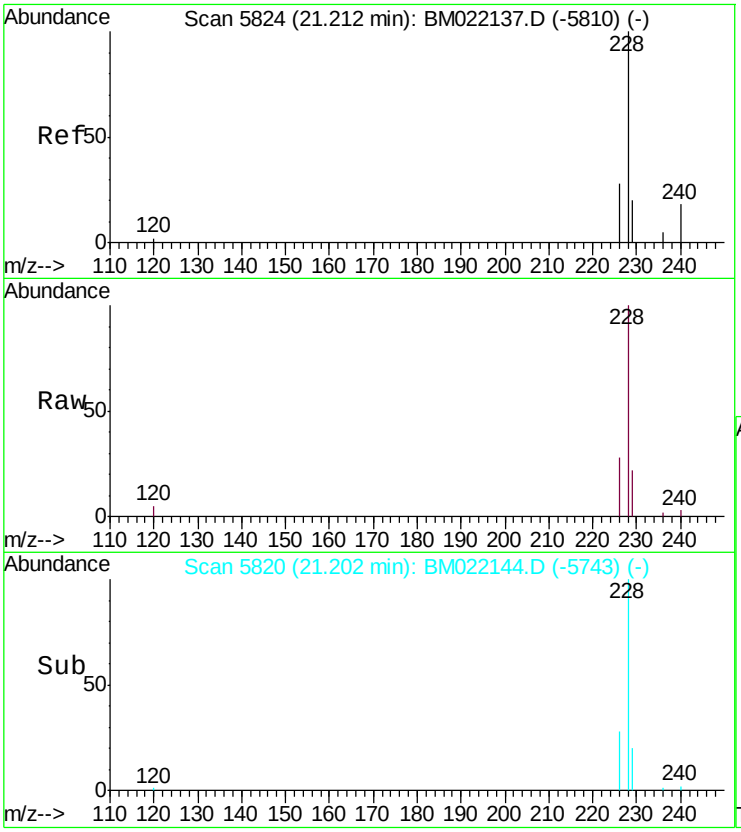


#17
Pyrene
Concen: 3.080 ng/ul
RT: 19.45 min Scan# 5254
Delta R.T. -0.02 min
Lab File: BM022144.D
Acq: 15 Aug 2019 14:43

Tgt Ion:202 Resp: 60521

Ion	Ratio	Lower	Upper
202	100		
101	9.2	8.3	12.5
100	7.9	7.2	10.8

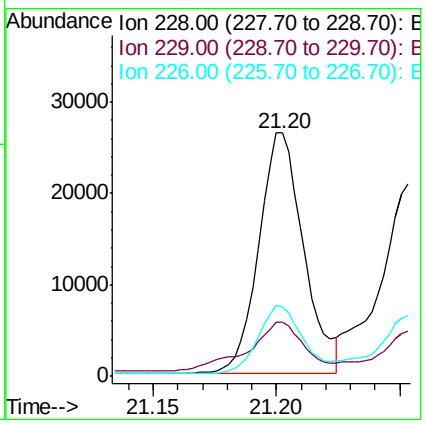




#18
Benzo(a)anthracene
Concen: 1.934 ng/ul
RT: 21.20 min Scan# 5820
Delta R.T. -0.01 min
Lab File: BM022144.D
Acq: 15 Aug 2019 14:43

Tgt Ion:228 Resp: 33074

Ion	Ratio	Lower	Upper
228	100		
229	22.3	17.2	25.8
226	28.5	22.6	34.0



Instrument :
BNA_M
ClientSampleId :
C0AG1DL

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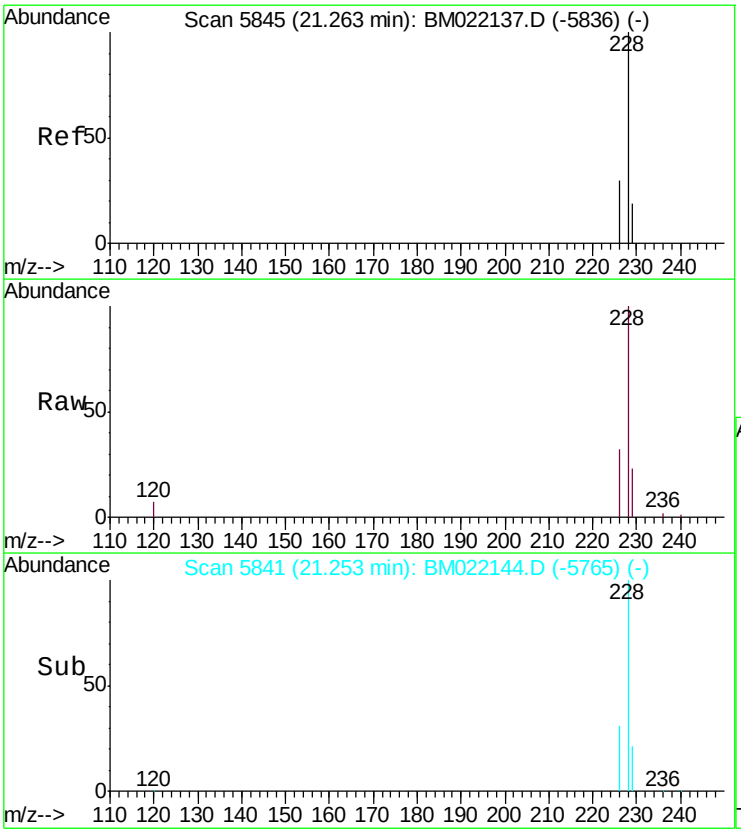
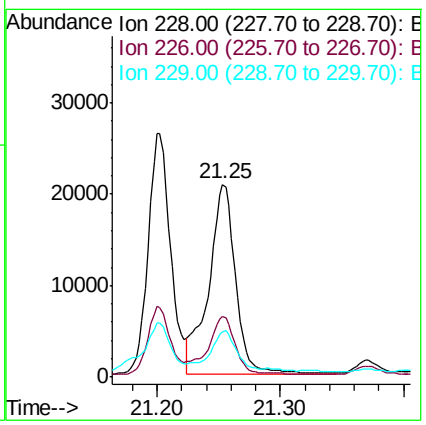
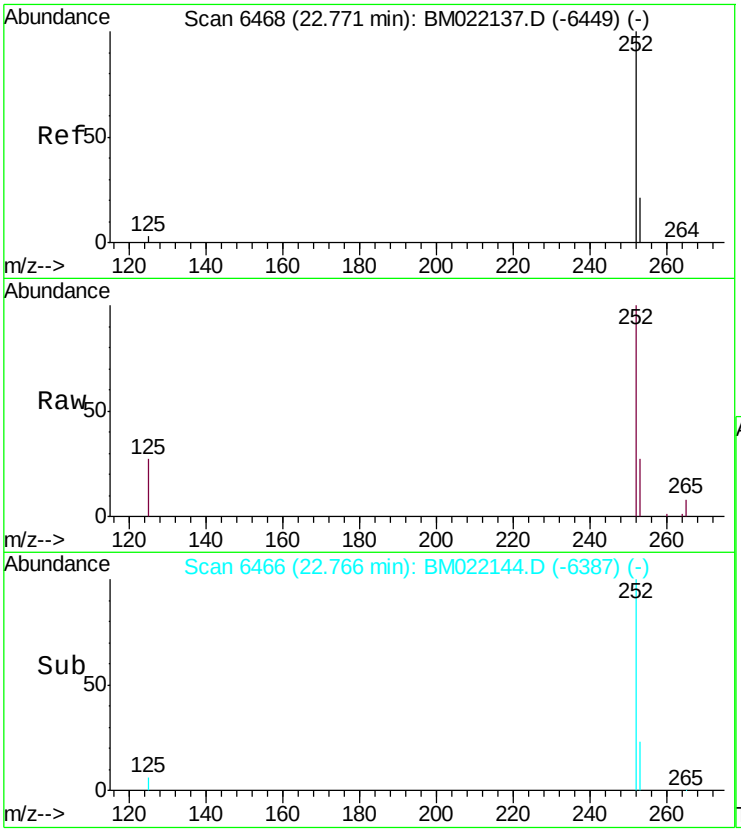


#19
Chrysene
Concen: 1.424 ng/ul
RT: 21.25 min Scan# 5841
Delta R.T. -0.02 min
Lab File: BM022144.D
Acq: 15 Aug 2019 14:43

Tgt Ion:228 Resp: 31321

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	23.5	16.6	25.0





#21
Benzo(b)fluoranthene
Concen: 2.051 ng/ul m
RT: 22.77 min Scan# 6466
Delta R.T. -0.01 min
Lab File: BM022144.D
Acq: 15 Aug 2019 14:43

Tgt Ion:252 Resp: 36312

Ion	Ratio	Lower	Upper
252	100		
253	26.8	0.0	67.4
125	26.8	0.0	31.0

Instrument :
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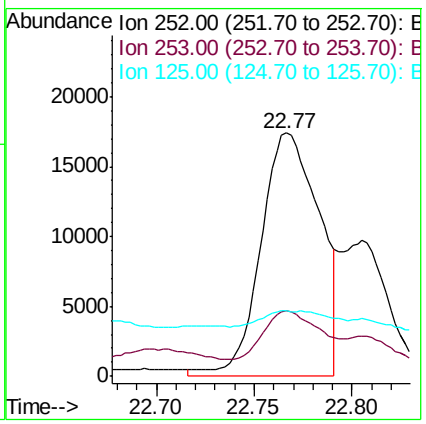
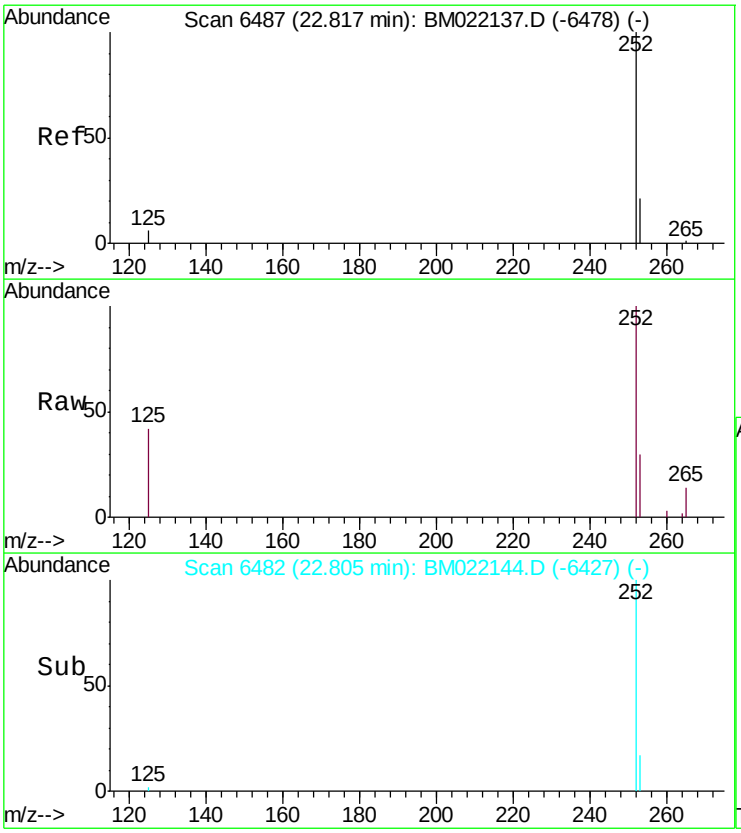
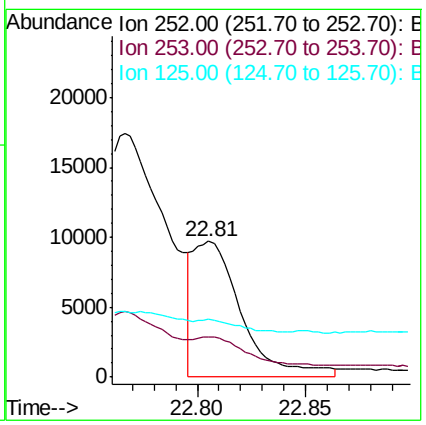


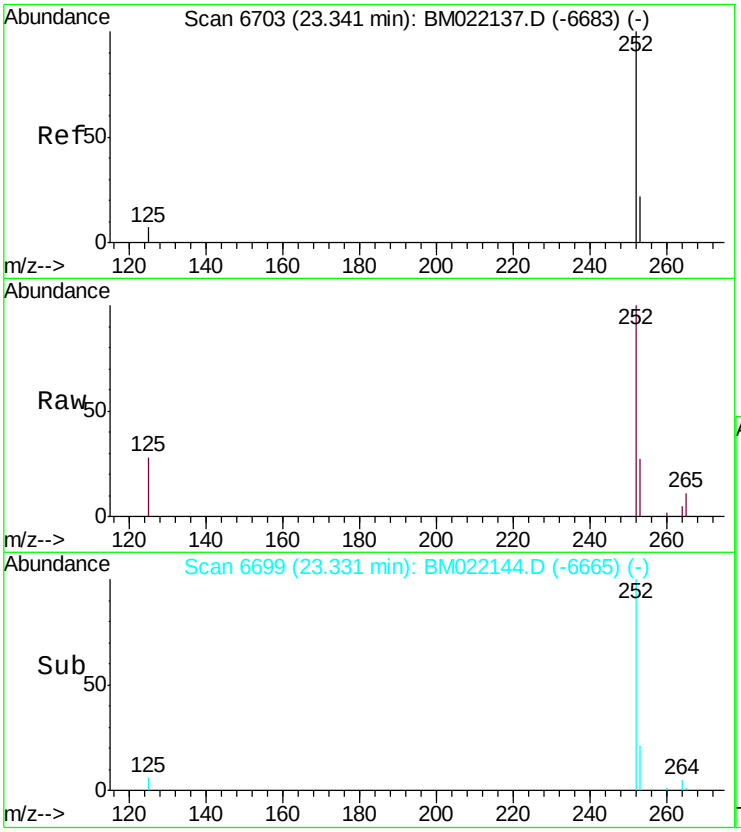


#22
Benzo(k)fluoranthene
Concen: 0.753 ng/ul m
RT: 22.81 min Scan# 6482
Delta R.T. -0.02 min
Lab File: BM022144.D
Acq: 15 Aug 2019 14:43

Tgt Ion:252 Resp: 15088

Ion	Ratio	Lower	Upper
252	100		
253	29.5	27.0	40.4
125	42.5	12.2	18.2#





#23
Benzo(a)pyrene
Concen: 1.329 ng/ul
RT: 23.33 min Scan# 6699
Delta R.T. -0.02 min
Lab File: BM022144.D
Acq: 15 Aug 2019 14:43

Tgt Ion:252 Resp: 23930

Ion	Ratio	Lower	Upper
252	100		
253	26.7	31.7	47.5#
125	27.6	14.6	21.8#

Instrument :
BNA_M
ClientSampleId :
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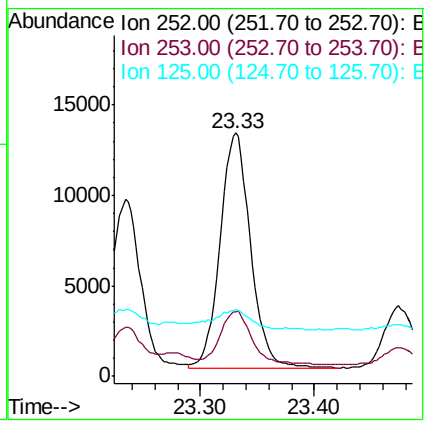
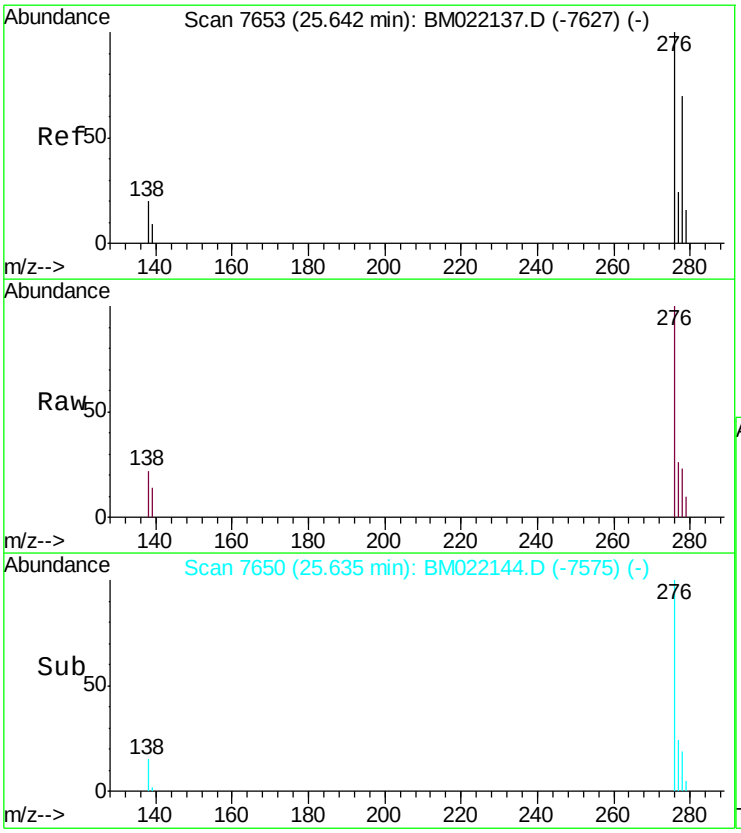
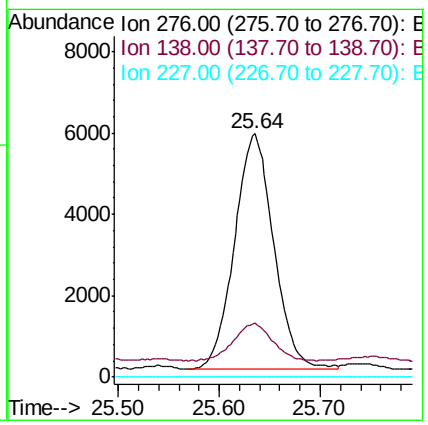


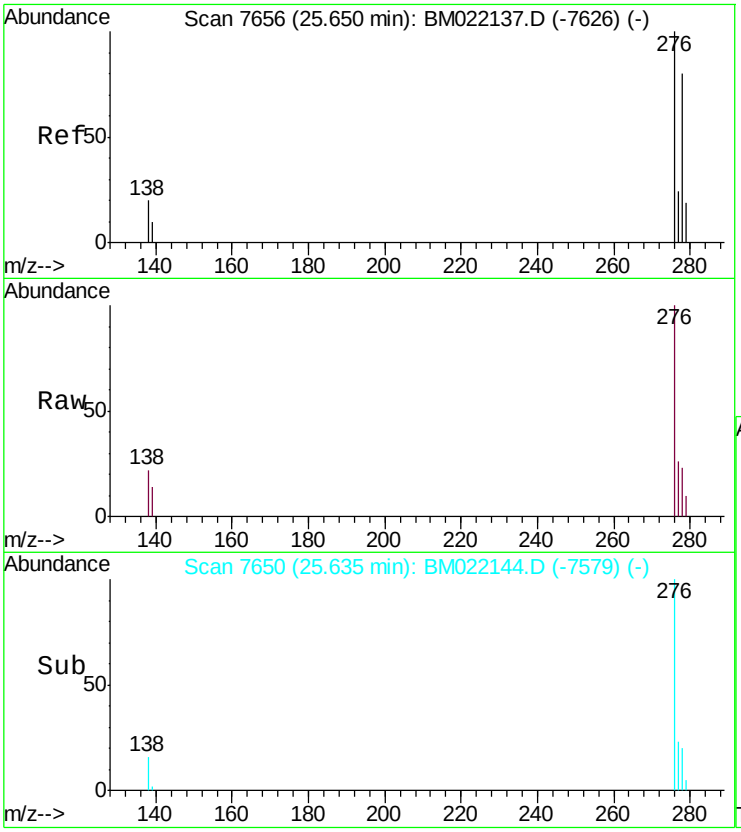


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.726 ng/ul
RT: 25.64 min Scan# 7650
Delta R.T. -0.02 min
Lab File: BM022144.D
Acq: 15 Aug 2019 14:43

Tgt Ion:276 Resp: 15614

Ion	Ratio	Lower	Upper
276	100		
138	15.8	15.1	22.7
227	0.0	0.0	0.0





#25
Dibenzo(a,h)anthracene
Concen: 0.232 ng/ul
RT: 25.64 min Scan# 7650
Delta R.T. -0.03 min
Lab File: BM022144.D
Acq: 15 Aug 2019 14:43

Tgt Ion:278 Resp: 4039

Ion	Ratio	Lower	Upper
278	100		
139	60.3	14.2	21.2#
279	43.5	28.3	42.5#

Instrument :
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ClientSampleId :
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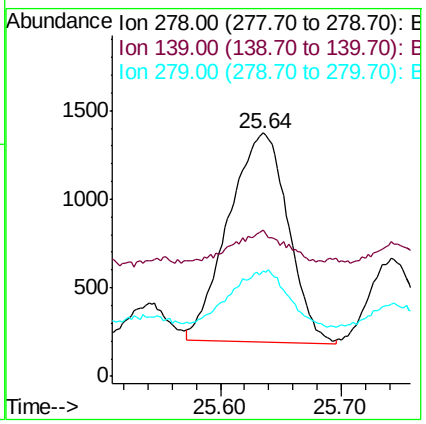

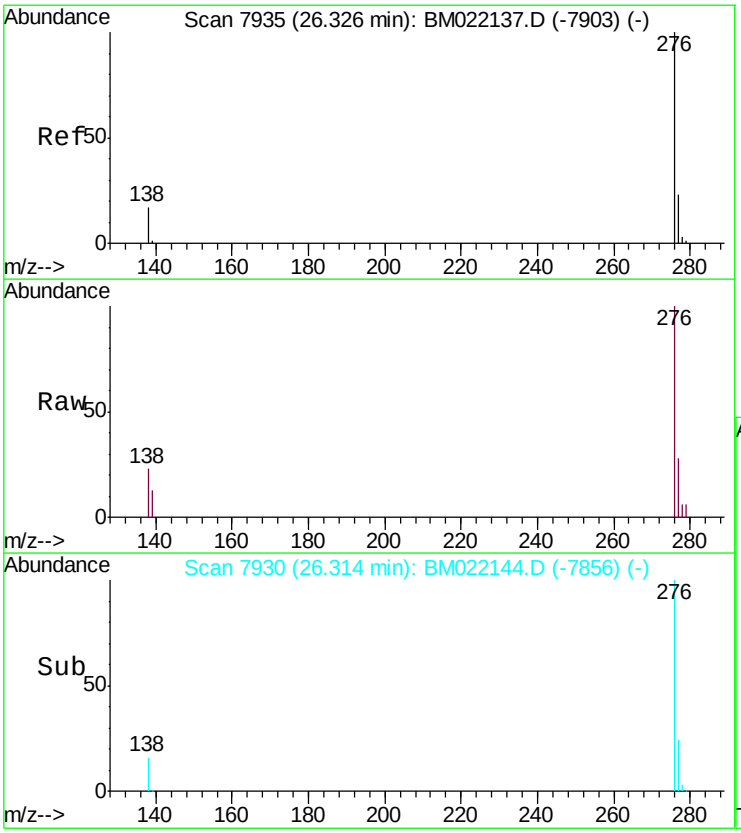

#26
Benzo(g,h,i)perylene
Concen: 0.751 ng/ul
RT: 26.31 min Scan# 7930
Delta R.T. -0.02 min
Lab File: BM022144.D
Acq: 15 Aug 2019 14:43

Tgt Ion:276 Resp: 14537

Ion	Ratio	Lower	Upper
276	100		
138	22.8	15.5	23.3
277	27.5	21.4	32.2