Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
Data File : BM021994.D
Acq On : 10 Aug 2019 11:26
Operator : HP/JU
Sample : K4041-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW5

Manual Integrations APPROVED
Sohil
8/13/2019 8:46:08 AM

Quant Time: Aug 10 23:31:26 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	592	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	2559	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1374	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.02	188	3218m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	2803m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	2606m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	976	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	2560m	0.24	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.44	128	185	0.026	ng/ul#	40
7) Acenaphthylene	13.99	152	489	0.076	ng/ul#	73
9) Fluorene	15.33	166	161	0.028	ng/ul#	91
12) Phenanthrene	17.06	178	2959	0.316	ng/ul	100
13) Anthracene	17.16	178	788m	0.099	ng/ul	
15) Fluoranthene	19.09	202	7196m	0.574	ng/ul	
17) Pyrene	19.46	202	7540	0.655	ng/ul#	96
18) Benzo(a)anthracene	21.22	228	4445	0.443	ng/ul	98
19) Chrysene	21.27	228	4284	0.332	ng/ul	97
21) Benzo(b)fluoranthene	22.78	252	5278m	0.601	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	2473m	0.249	ng/ul	
23) Benzo(a)pyrene	23.34	252	3896m	0.436	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.66	276	2617m	0.245	ng/ul	
25) Dibenzo(a,h)anthracene	25.66	278	790m	0.092	ng/ul	
26) Benzo(g,h,i)perylene	26.34	276	2546m	0.265	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
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Acq On : 10 Aug 2019 11:26
Operator : HP/JU
Sample : K4041-12
Misc :
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Instrument :
BNA_M
ClientSampleId :
BENW5

Manual Integrations APPROVED
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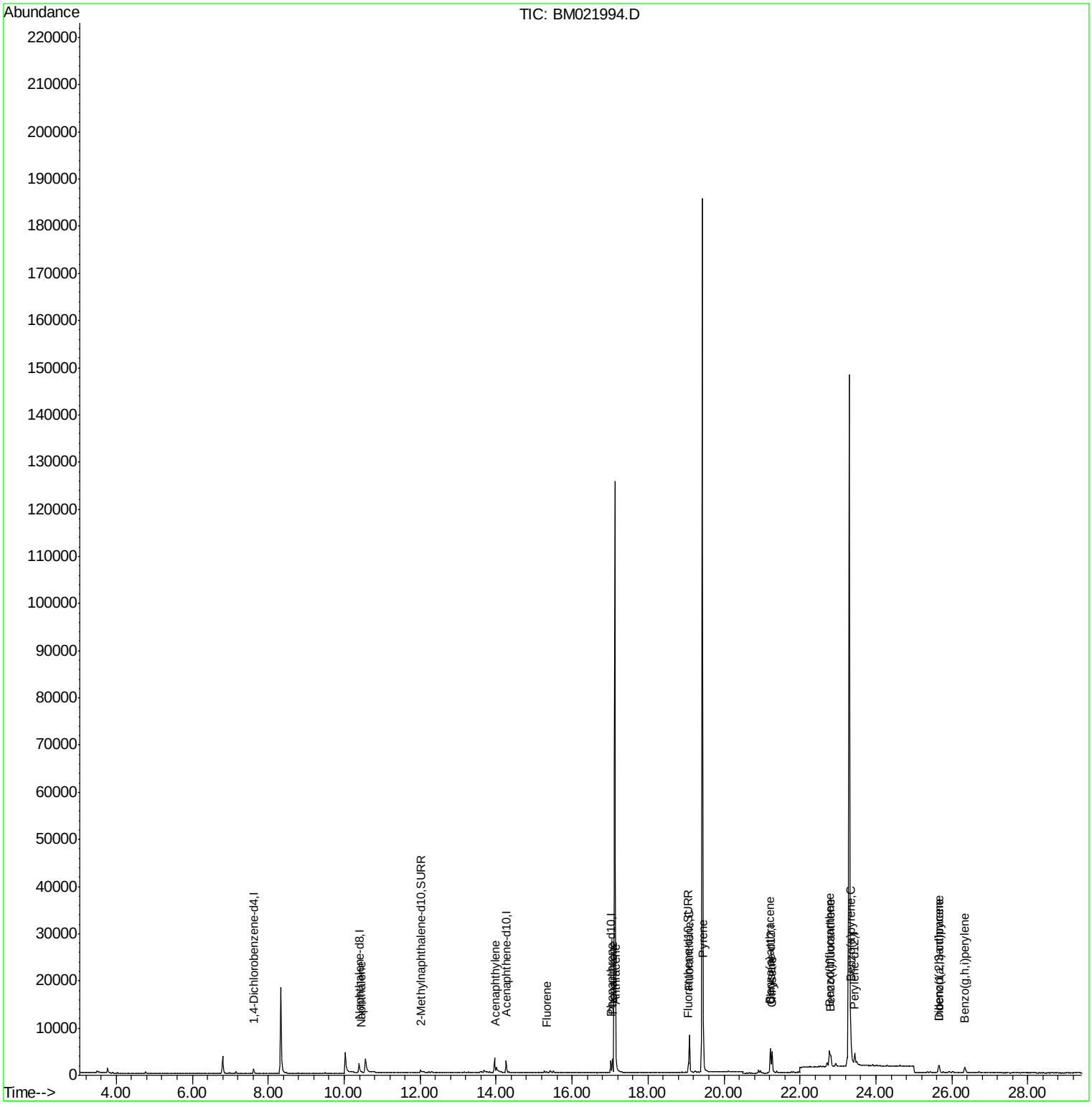

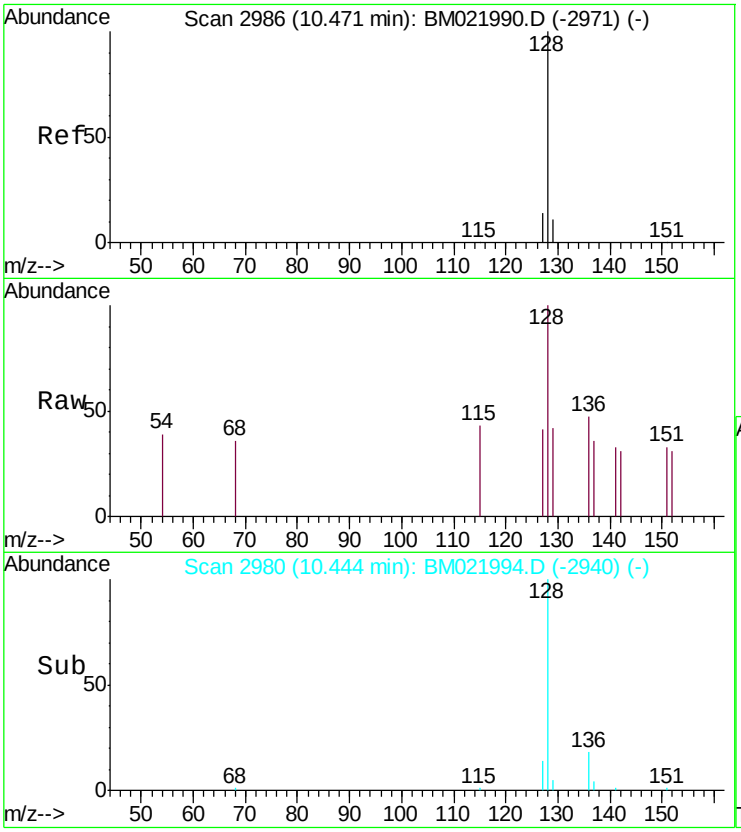

#3
Naphthalene
Concen: 0.026 ng/ul
RT: 10.44 min Scan# 2980
Delta R.T. -0.02 min
Lab File: BM021994.D
Acq: 10 Aug 2019 11:26

Tgt Ion:128 Resp: 185

Ion	Ratio	Lower	Upper
128	100		
129	41.9	12.3	18.5#
127	40.6	13.0	19.6#

Instrument :
BNA_M
ClientSampleId :
BENW5

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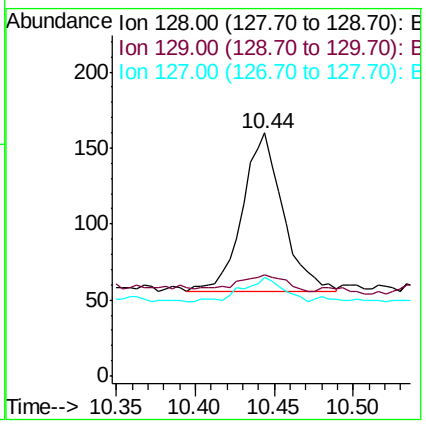
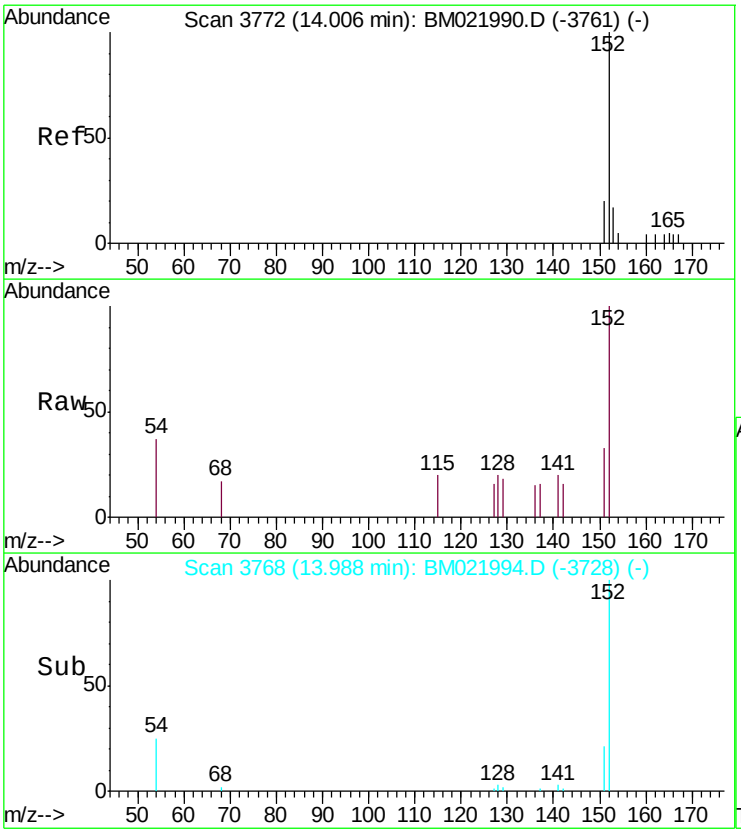
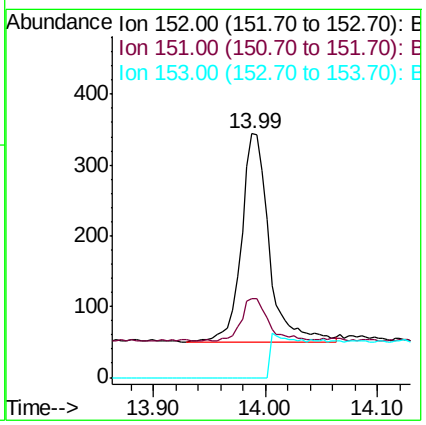


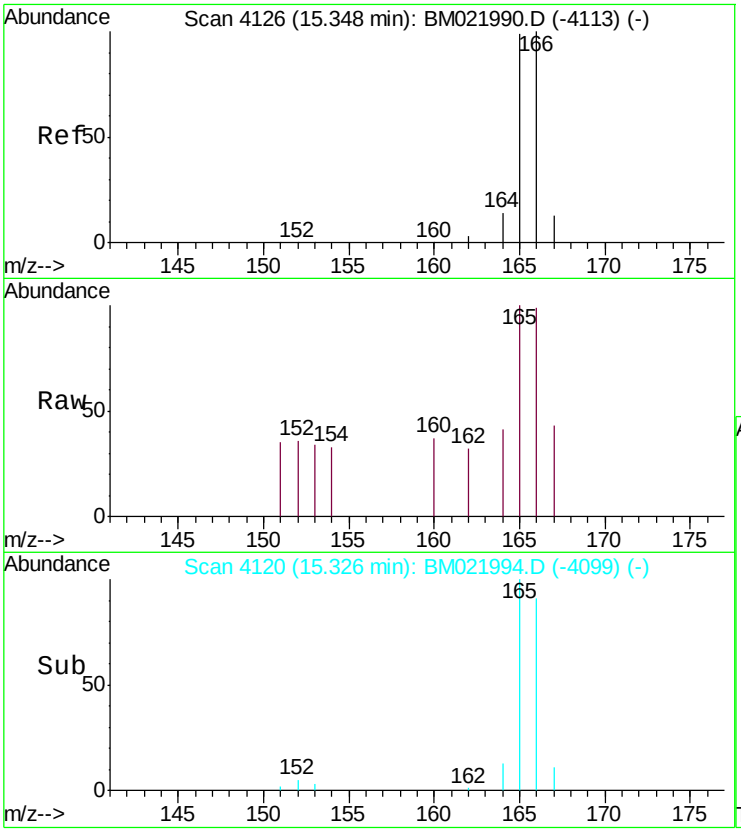


#7
Acenaphthylene
Concen: 0.076 ng/ul
RT: 13.99 min Scan# 3768
Delta R.T. -0.02 min
Lab File: BM021994.D
Acq: 10 Aug 2019 11:26

Tgt Ion:152 Resp: 489

Ion	Ratio	Lower	Upper
152	100		
151	32.6	18.3	27.5#
153	0.0	12.8	19.2#





#9
Fluorene
Concen: 0.028 ng/ul
RT: 15.33 min Scan# 4120
Delta R.T. -0.02 min
Lab File: BM021994.D
Acq: 10 Aug 2019 11:26

Tgt Ion:166 Resp: 161

Ion	Ratio	Lower	Upper
166	100		
165	101.3	81.4	122.0
167	43.2	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
BENW5

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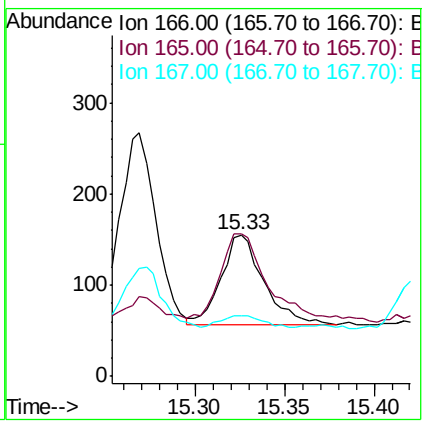
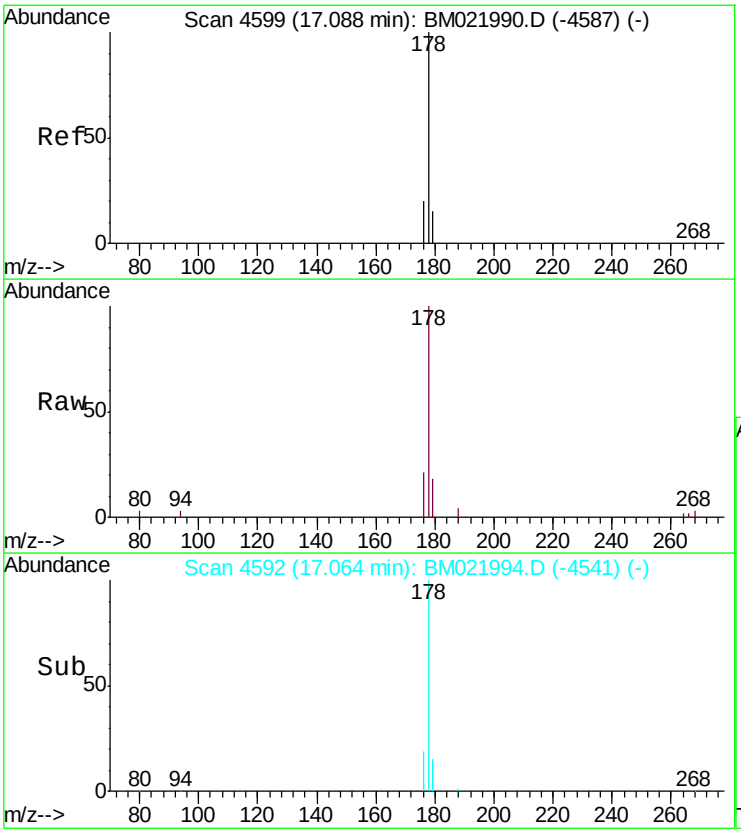
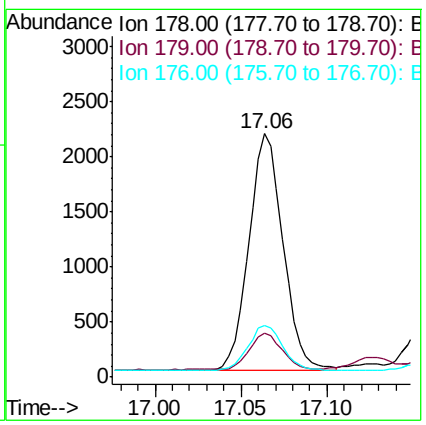


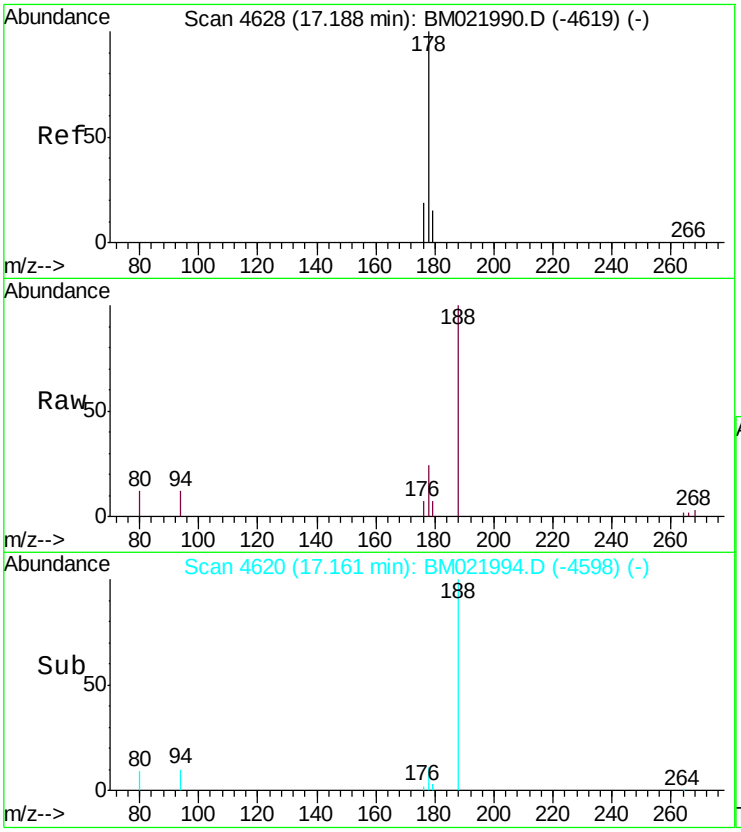


#12
Phenanthrene
Concen: 0.316 ng/ul
RT: 17.06 min Scan# 4592
Delta R.T. -0.02 min
Lab File: BM021994.D
Acq: 10 Aug 2019 11:26

Tgt Ion:178 Resp: 2959

Ion	Ratio	Lower	Upper
178	100		
179	18.0	14.2	21.2
176	21.2	16.8	25.2





#13
Anthracene
Concen: 0.099 ng/ul m
RT: 17.16 min Scan# 4620
Delta R.T. -0.02 min
Lab File: BM021994.D
Acq: 10 Aug 2019 11:26

Tgt Ion:178 Resp: 788

Ion	Ratio	Lower	Upper
178	100		
179	29.6	15.5	23.3#
176	27.9	16.6	25.0#

Instrument :
BNA_M
ClientSampleId :
BENW5

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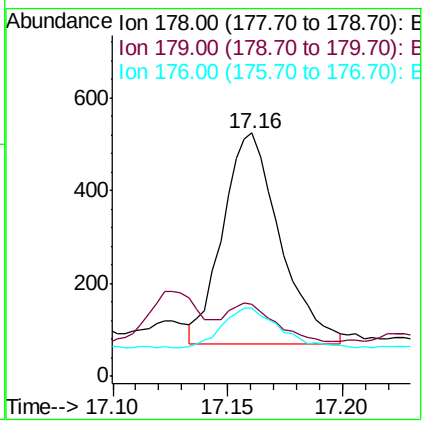
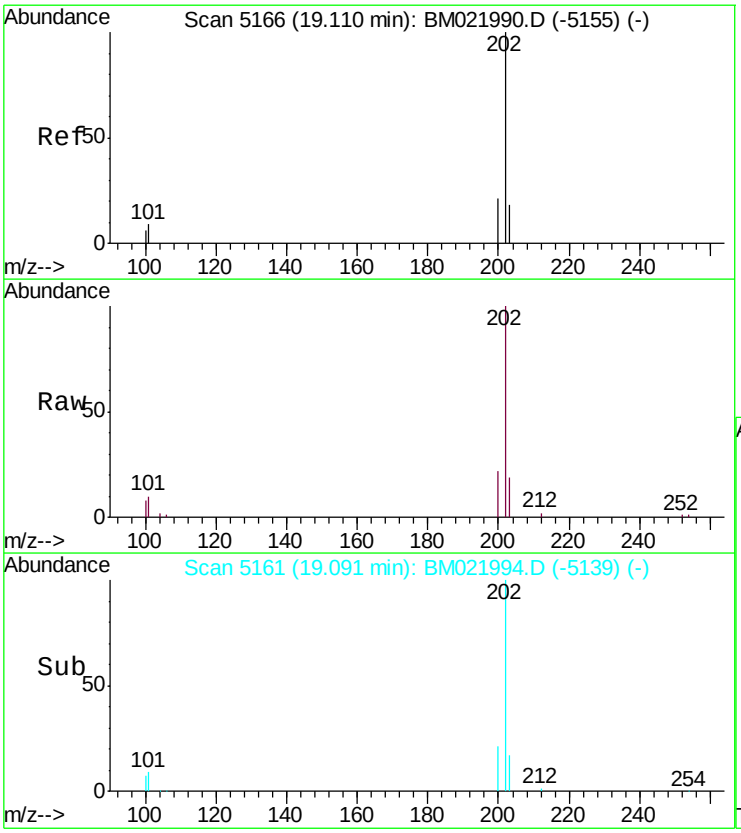
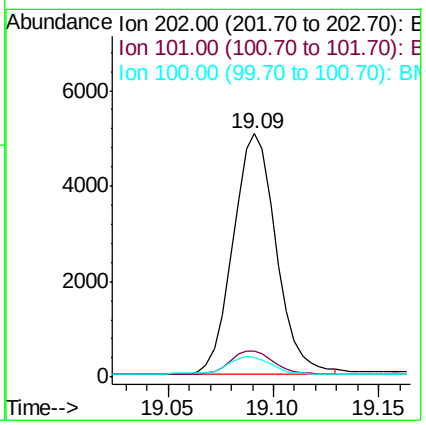


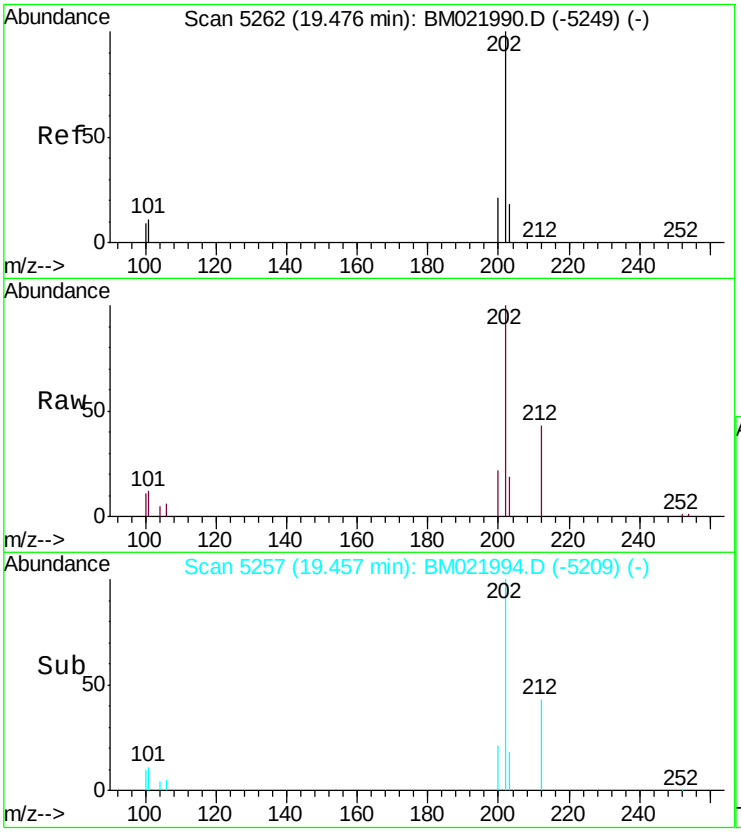


#15
Fluoranthene
Concen: 0.574 ng/ul m
RT: 19.09 min Scan# 5161
Delta R.T. -0.02 min
Lab File: BM021994.D
Acq: 10 Aug 2019 11:26

Tgt Ion:202 Resp: 7196

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.2
100	8.2	0.0	28.1

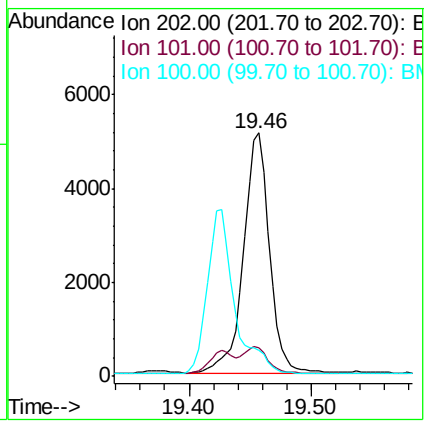




#17
Pyrene
Concen: 0.655 ng/ul
RT: 19.46 min Scan# 5257
Delta R.T. -0.02 min
Lab File: BM021994.D
Acq: 10 Aug 2019 11:26

Tgt Ion:202 Resp: 7540

Ion	Ratio	Lower	Upper
202	100		
101	11.8	8.3	12.5
100	10.9	7.2	10.8#



Instrument :
BNA_M
ClientSampleId :
BENW5

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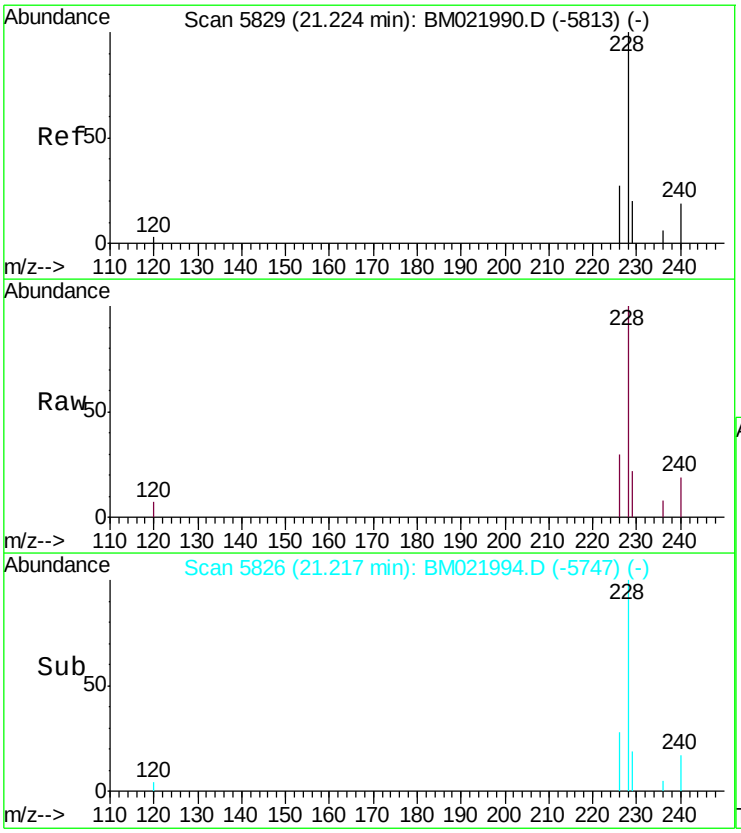
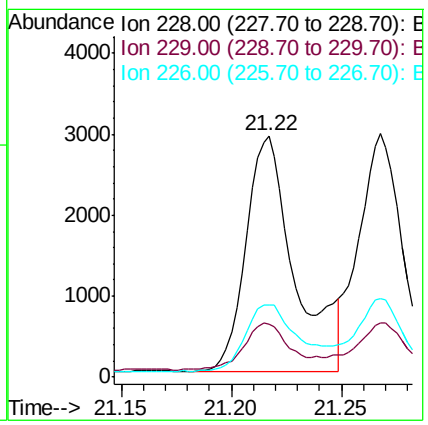
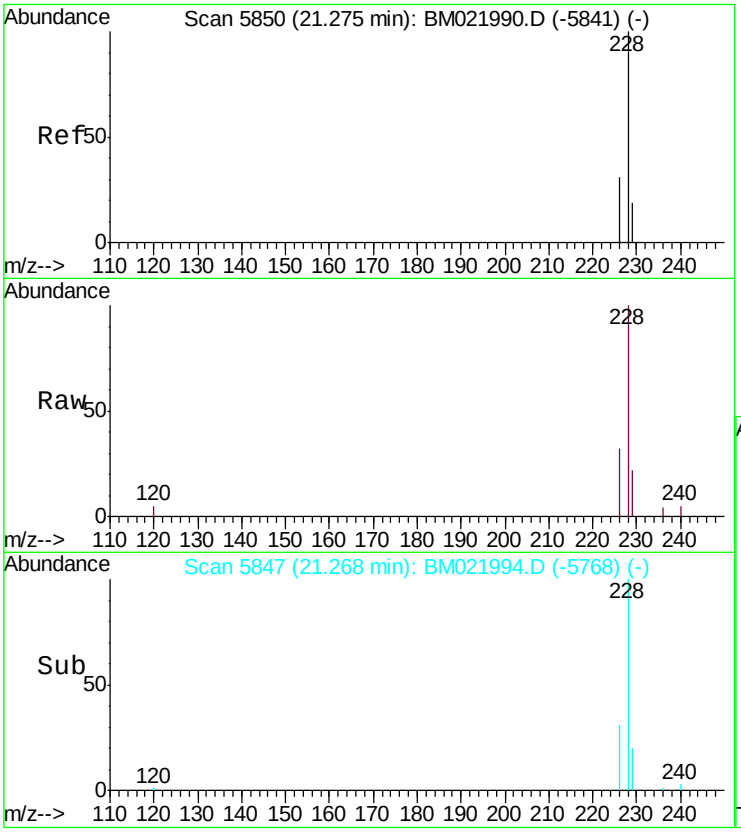


#18
Benzo(a)anthracene
Concen: 0.443 ng/ul
RT: 21.22 min Scan# 5826
Delta R.T. -0.01 min
Lab File: BM021994.D
Acq: 10 Aug 2019 11:26

Tgt Ion:228 Resp: 4445

Ion	Ratio	Lower	Upper
228	100		
229	22.1	17.2	25.8
226	30.0	22.6	34.0

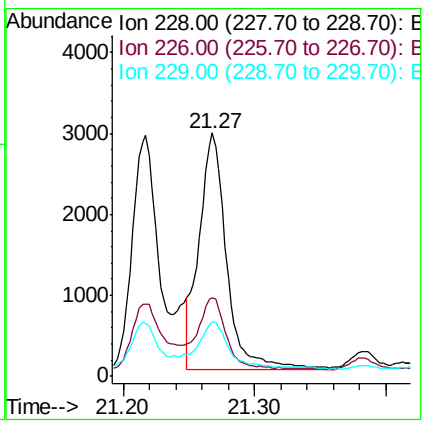




#19
Chrysene
Concen: 0.332 ng/ul
RT: 21.27 min Scan# 5847
Delta R.T. -0.01 min
Lab File: BM021994.D
Acq: 10 Aug 2019 11:26

Tgt Ion:228 Resp: 4284

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.9	37.3
229	22.1	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
BENW5

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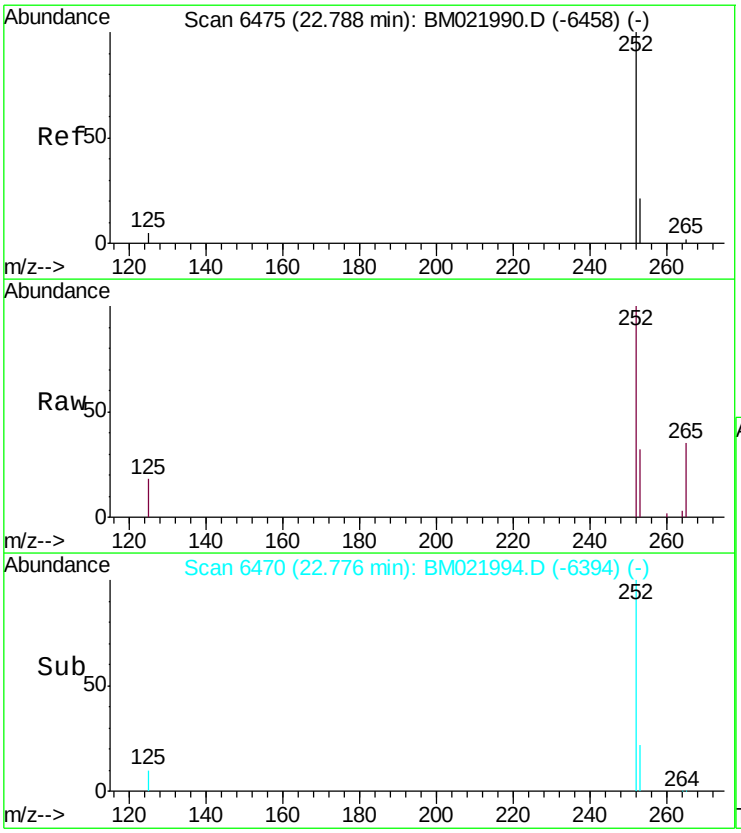
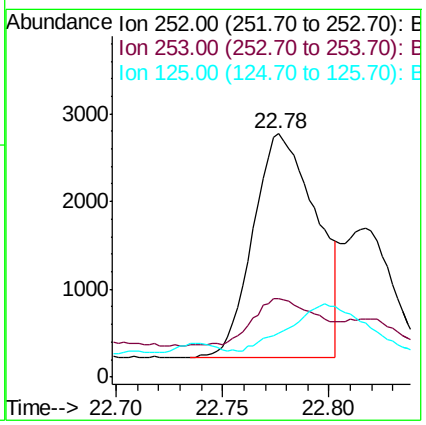
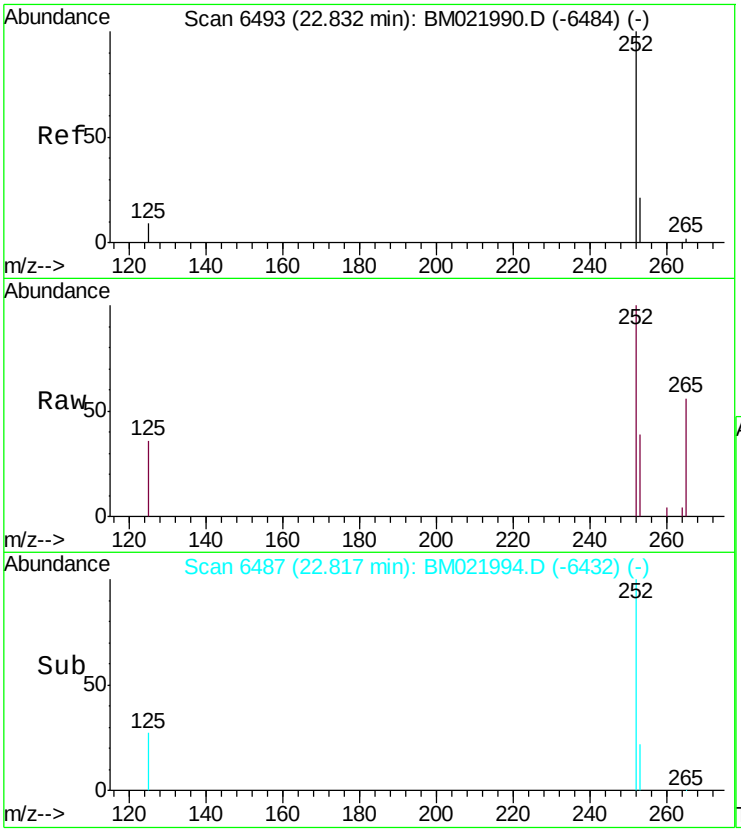


#21
Benzo(b)fluoranthene
Concen: 0.601 ng/ul m
RT: 22.78 min Scan# 6470
Delta R.T. -0.01 min
Lab File: BM021994.D
Acq: 10 Aug 2019 11:26

Tgt Ion:252 Resp: 5278

Ion	Ratio	Lower	Upper
252	100		
253	32.4	0.0	67.4
125	17.8	0.0	31.0

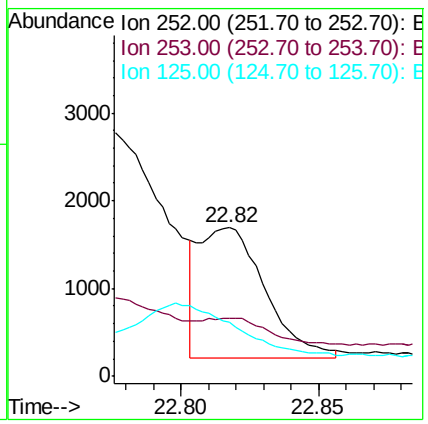




#22
Benzo(k)fluoranthene
Concen: 0.249 ng/ul m
RT: 22.82 min Scan# 6487
Delta R.T. -0.02 min
Lab File: BM021994.D
Acq: 10 Aug 2019 11:26

Tgt Ion:252 Resp: 2473

Ion	Ratio	Lower	Upper
252	100		
253	39.3	27.0	40.4
125	36.3	12.2	18.2#



Instrument :
BNA_M
ClientSampleId :
BENW5

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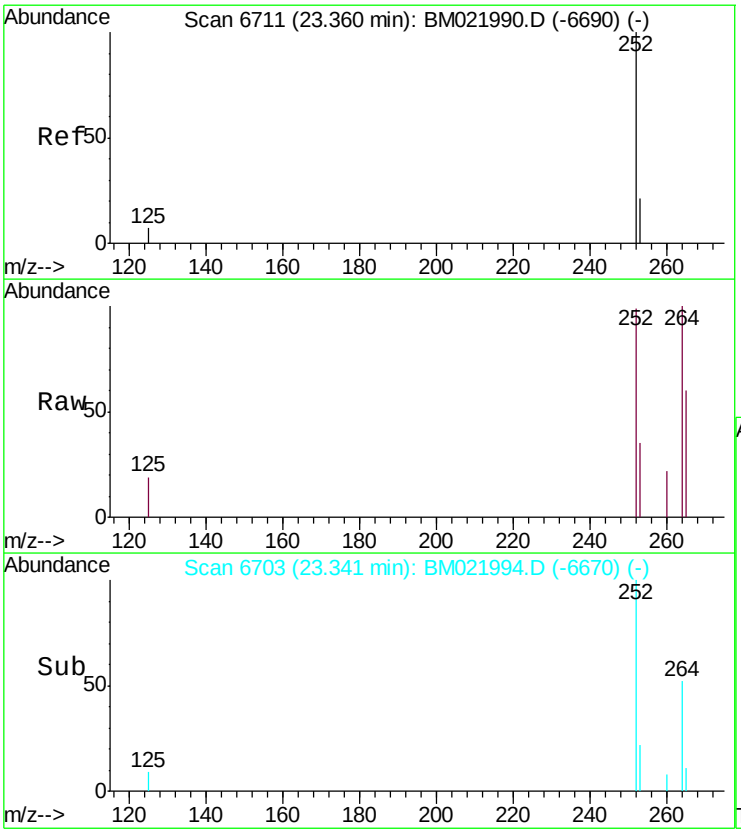
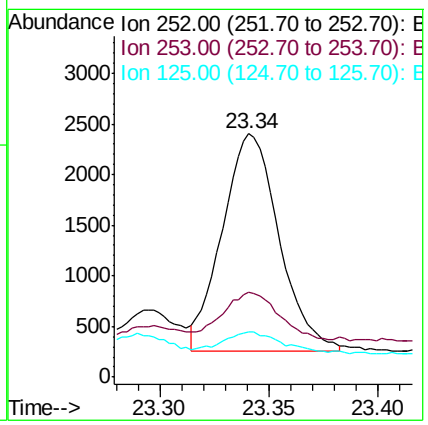
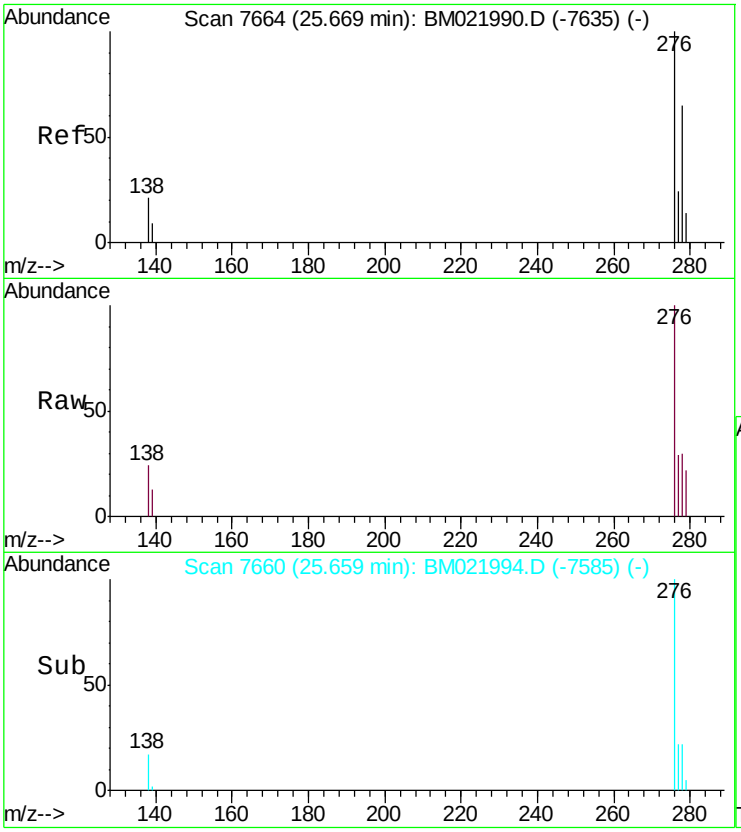


#23
Benzo(a)pyrene
Concen: 0.436 ng/ul m
RT: 23.34 min Scan# 6703
Delta R.T. -0.02 min
Lab File: BM021994.D
Acq: 10 Aug 2019 11:26

Tgt Ion:252 Resp: 3896

Ion	Ratio	Lower	Upper
252	100		
253	34.7	31.7	47.5
125	18.7	14.6	21.8





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.245 ng/ul m
RT: 25.66 min Scan# 7660
Delta R.T. -0.02 min
Lab File: BM021994.D
Acq: 10 Aug 2019 11:26

Tgt Ion:276 Resp: 2617

Ion	Ratio	Lower	Upper
276	100		
138	0.5	15.1	22.7#
227	0.0	0.0	0.0

Instrument :
BNA_M
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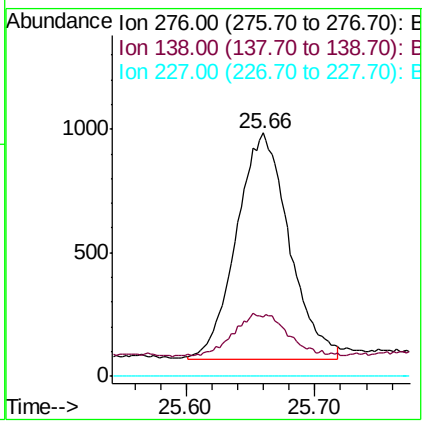
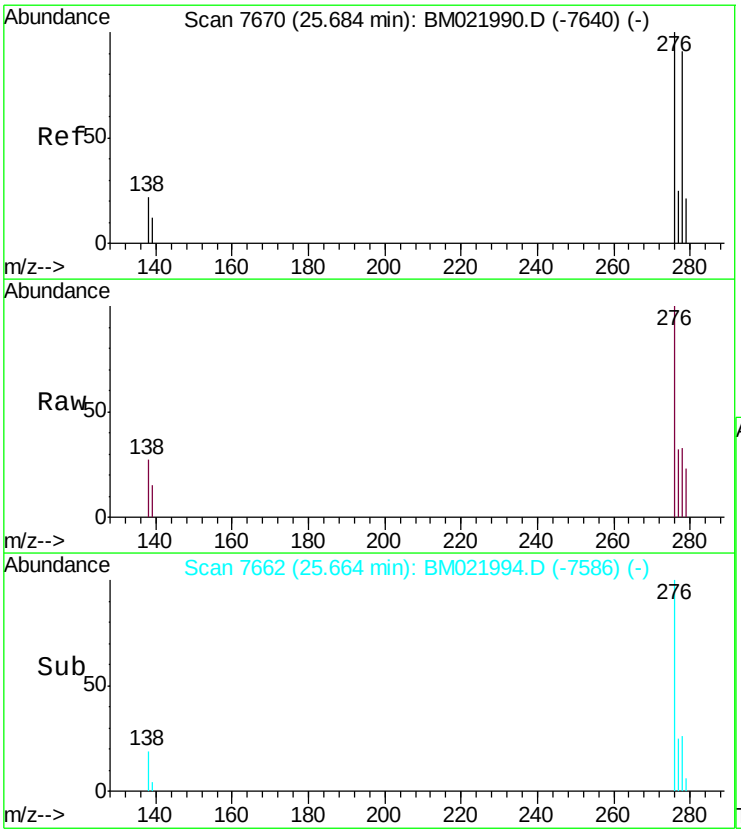
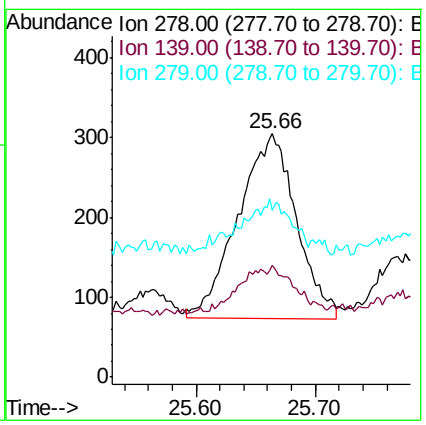


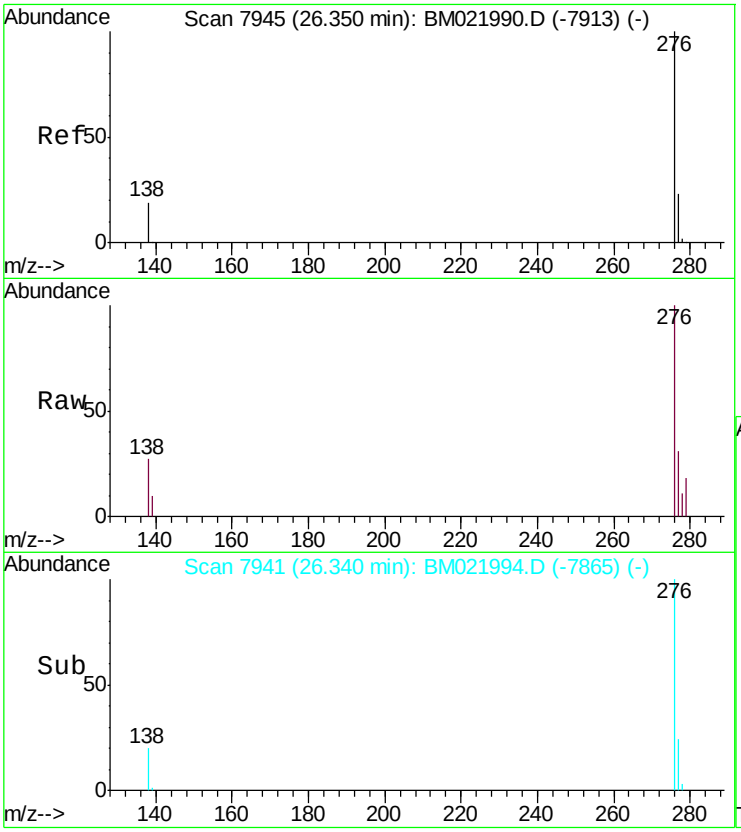


#25
Dibenzo(a,h)anthracene
Concen: 0.092 ng/ul m
RT: 25.66 min Scan# 7662
Delta R.T. -0.02 min
Lab File: BM021994.D
Acq: 10 Aug 2019 11:26

Tgt Ion:278 Resp: 790

Ion	Ratio	Lower	Upper
278	100		
139	45.9	14.2	21.2#
279	68.5	28.3	42.5#

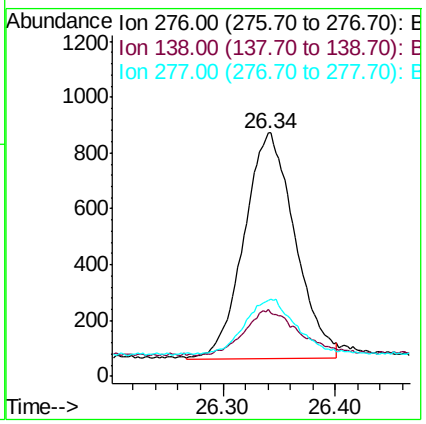




#26
Benzo(g,h,i)perylene
Concen: 0.265 ng/ul m
RT: 26.34 min Scan# 7941
Delta R.T. -0.02 min
Lab File: BM021994.D
Acq: 10 Aug 2019 11:26

Tgt Ion:276 Resp: 2546

Ion	Ratio	Lower	Upper
276	100		
138	27.3	15.5	23.3#
277	31.0	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
BENW5

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