Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
Data File : BM025215.D
Acq On : 03 Mar 2020 16:57
Operator : CG/JU
Sample : L1507-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD05

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Quant Time: Mar 03 17:31:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 03 14:30:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	2828	0.40	ng/ul	0.00
2) Naphthalene-d8	10.45	136	11154	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	7899	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	19175	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	19473	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	18972	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	3486	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	10687	0.17	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.50	128	2330	0.069	ng/ul#	90
5) 2-Methylnaphthalene	12.12	142	870	0.036	ng/ul	97
7) Acenaphthylene	14.02	152	1105	0.030	ng/ul	95
12) Phenanthrene	17.09	178	3382	0.055	ng/ul	98
13) Anthracene	17.18	178	1477m	0.027	ng/ul	
15) Fluoranthene	19.11	202	30481	0.394	ng/ul	95
17) Pyrene	19.47	202	28637	0.388	ng/ul	95
18) Benzo(a)anthracene	21.22	228	26754	0.374	ng/ul	99
19) Chrysene	21.27	228	13716m	0.174	ng/ul	
21) Benzo(b)fluoranthene	22.78	252	23386m	0.308	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	10482m	0.132	ng/ul	
23) Benzo(a)pyrene	23.33	252	8766	0.138	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.61	276	4334	0.055	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.62	278	1533	0.023	ng/ul#	59
26) Benzo(g,h,i)perylene	26.28	276	2657	0.039	ng/ul	95

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

Quantitation Report (QT Reviewed)

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Acq On : 03 Mar 2020 16:57
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Misc :
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Instrument :
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ClientSampleId :
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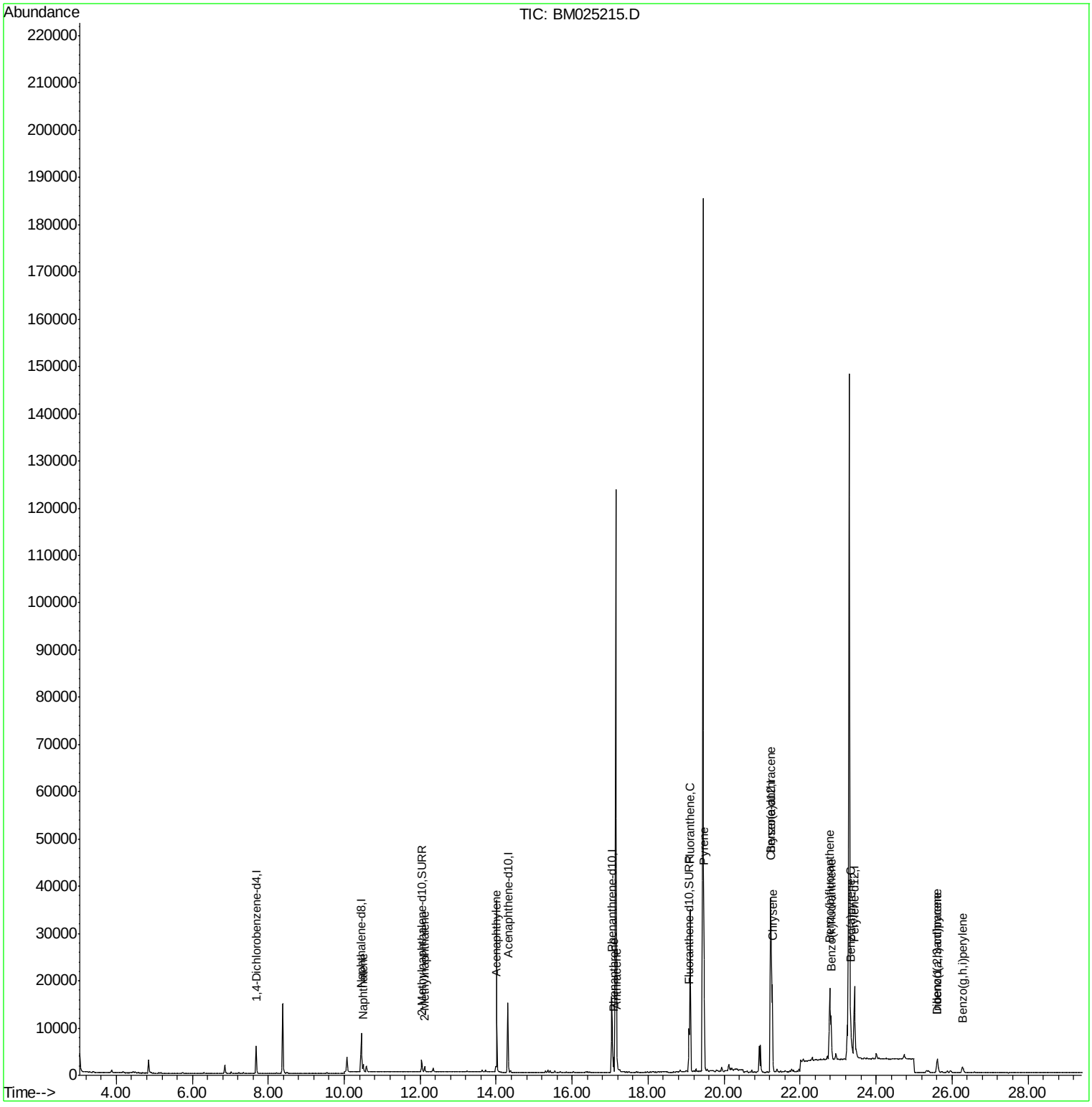

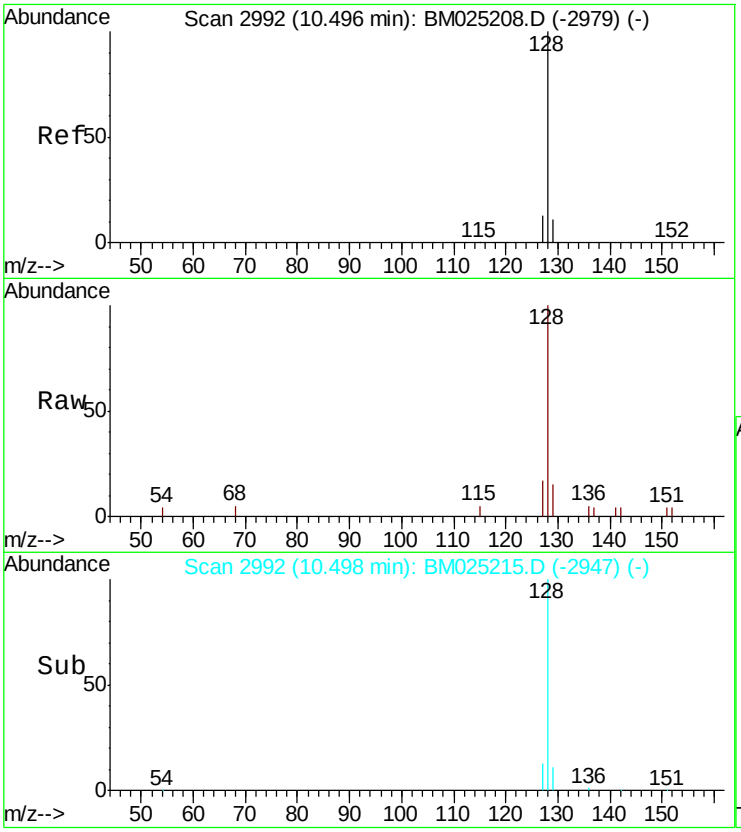

#3
Naphthalene
Concen: 0.069 ng/ul
RT: 10.50 min Scan# 2992
Delta R.T. 0.00 min
Lab File: BM025215.D
Acq: 03 Mar 2020 16:57

Tgt Ion:128 Resp: 2330

Ion	Ratio	Lower	Upper
128	100		
129	15.1	17.0	25.6#
127	16.6	15.7	23.5

Instrument :
BNA_M
ClientSampleId :
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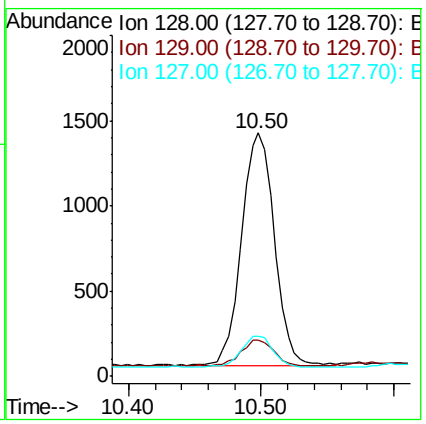
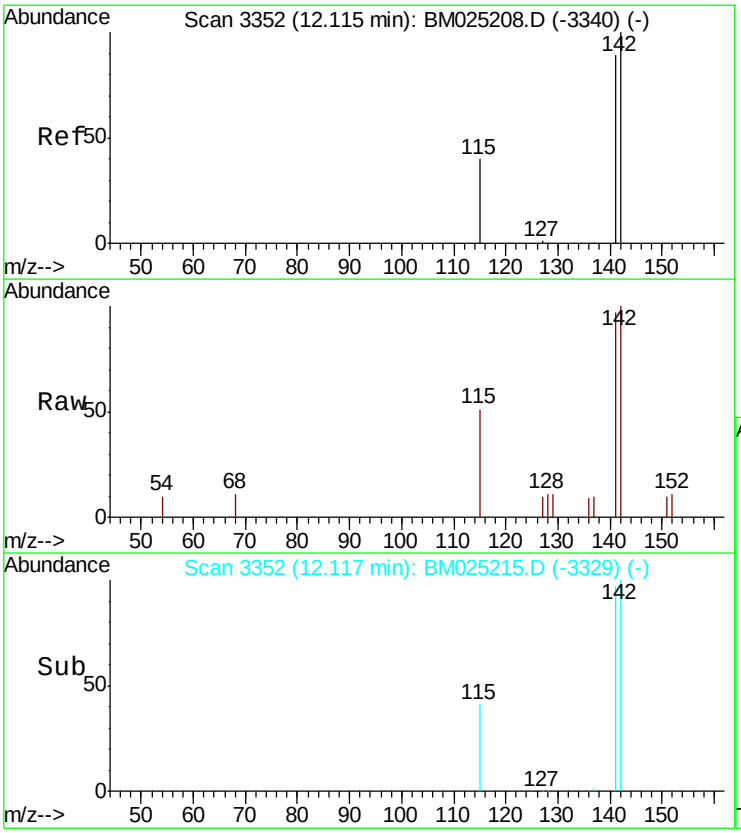
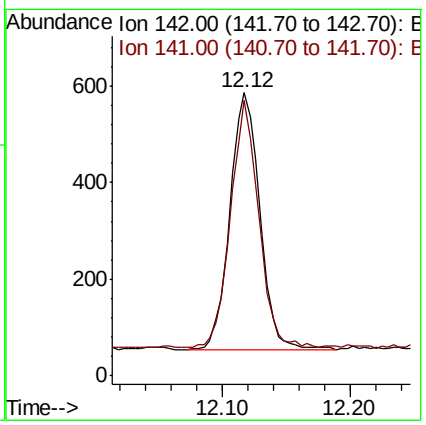


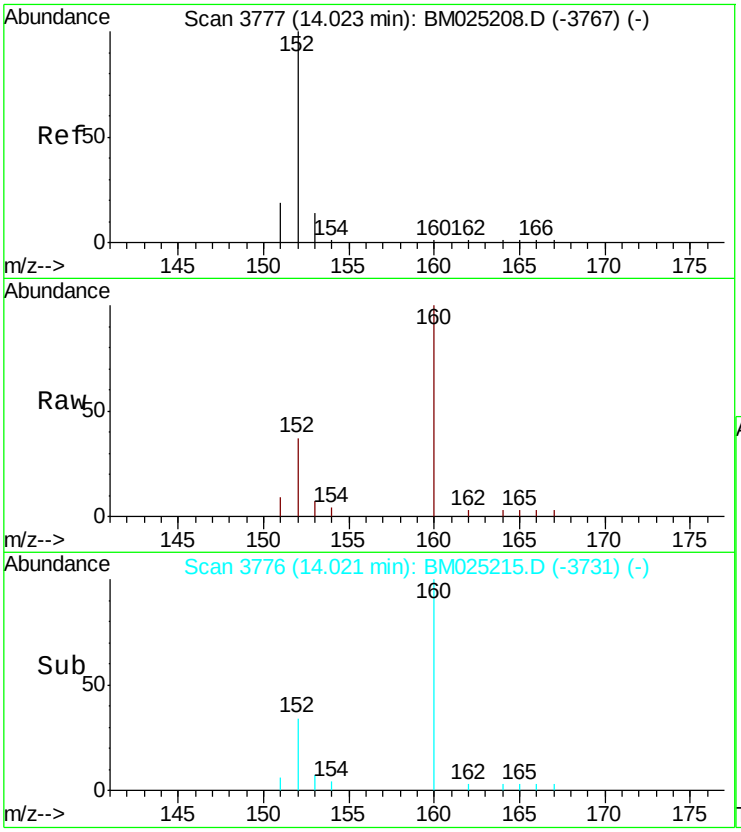


#5
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.12 min Scan# 3352
Delta R.T. 0.00 min
Lab File: BM025215.D
Acq: 03 Mar 2020 16:57

Tgt Ion:142 Resp: 870

Ion	Ratio	Lower	Upper
142	100		
141	90.2	69.8	104.8

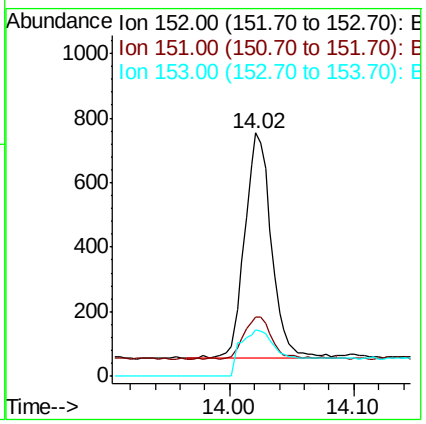




#7
Acenaphthylene
Concen: 0.030 ng/ul
RT: 14.02 min Scan# 3776
Delta R.T. -0.00 min
Lab File: BM025215.D
Acq: 03 Mar 2020 16:57

Tgt Ion:152 Resp: 1105

Ion	Ratio	Lower	Upper
152	100		
151	24.5	17.8	26.8
153	18.8	13.3	19.9



Instrument :
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ClientSampleId :
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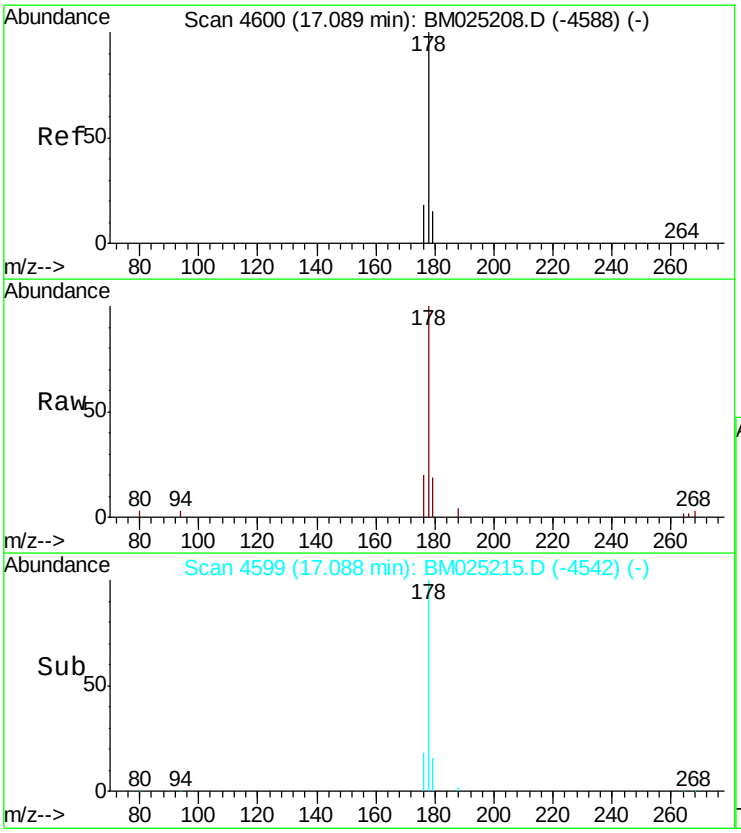
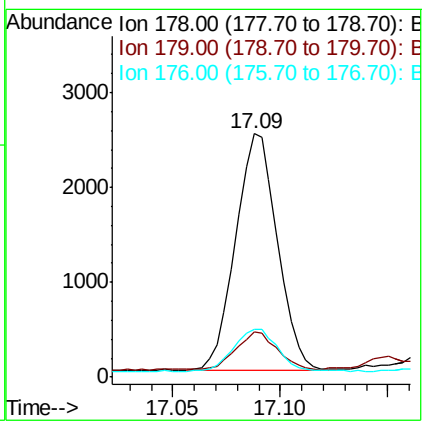
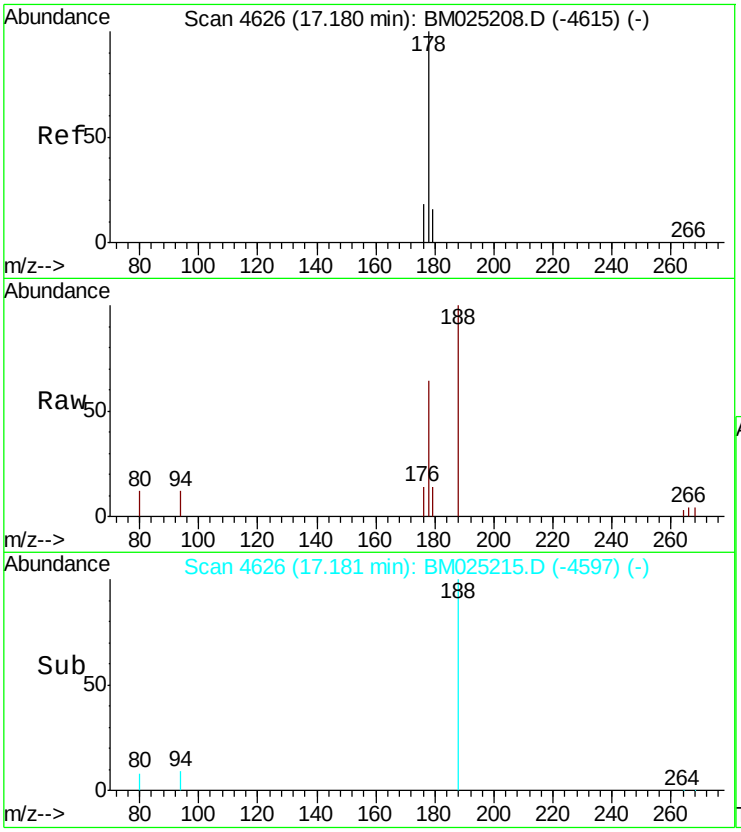


#12
Phenanthrene
Concen: 0.055 ng/ul
RT: 17.09 min Scan# 4599
Delta R.T. -0.00 min
Lab File: BM025215.D
Acq: 03 Mar 2020 16:57

Tgt Ion:178 Resp: 3382

Ion	Ratio	Lower	Upper
178	100		
179	18.5	14.0	21.0
176	19.7	16.6	24.8

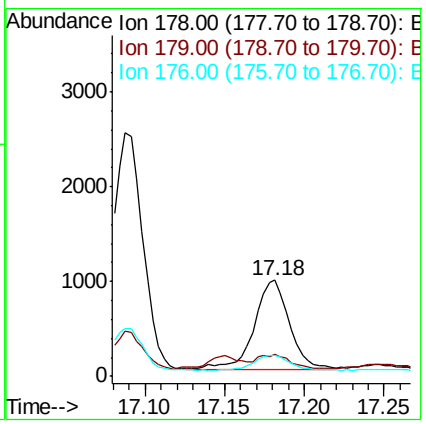




#13
Anthracene
Concen: 0.027 ng/ul m
RT: 17.18 min Scan# 4626
Delta R.T. 0.00 min
Lab File: BM025215.D
Acq: 03 Mar 2020 16:57

Tgt Ion:178 Resp: 1477

Ion	Ratio	Lower	Upper
178	100		
179	22.4	14.1	21.1#
176	21.8	16.2	24.4



Instrument :
BNA_M
ClientSampleId :
DBD05

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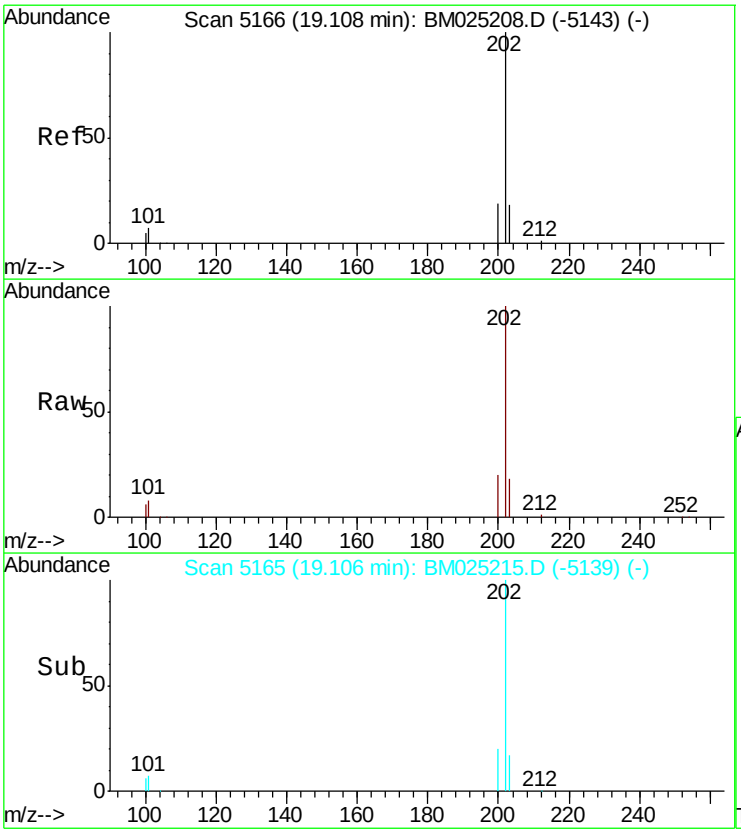
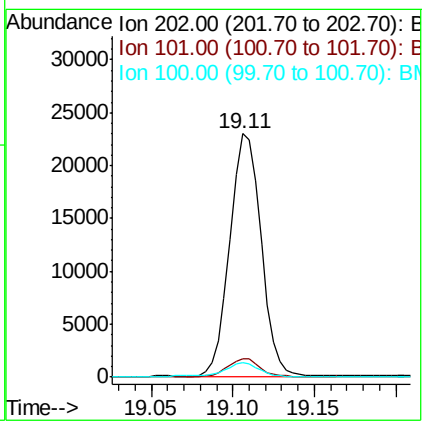
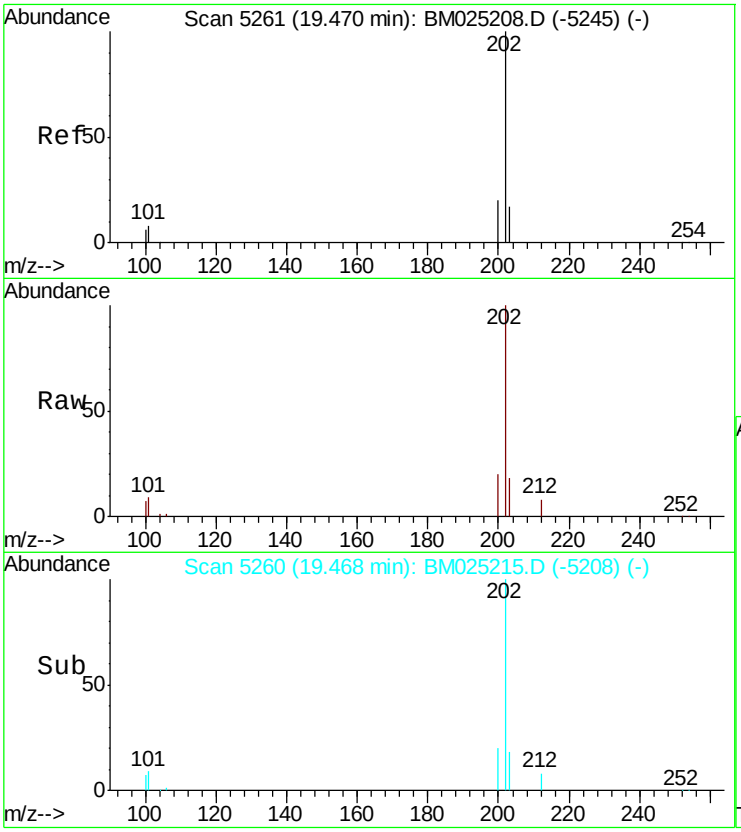


#15
Fluoranthene
Concen: 0.394 ng/ul
RT: 19.11 min Scan# 5165
Delta R.T. -0.00 min
Lab File: BM025215.D
Acq: 03 Mar 2020 16:57

Tgt Ion:202 Resp: 30481

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	29.4
100	5.8	0.0	28.0





#17
Pyrene
Concen: 0.388 ng/ul
RT: 19.47 min Scan# 5260
Delta R.T. -0.00 min
Lab File: BM025215.D
Acq: 03 Mar 2020 16:57

Tgt Ion:202 Resp: 28637

Ion	Ratio	Lower	Upper
202	100		
101	8.9	8.7	13.1
100	7.4	7.3	10.9

Instrument :
BNA_M
ClientSampleId :
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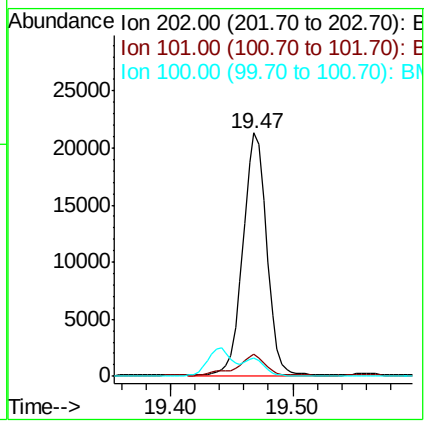
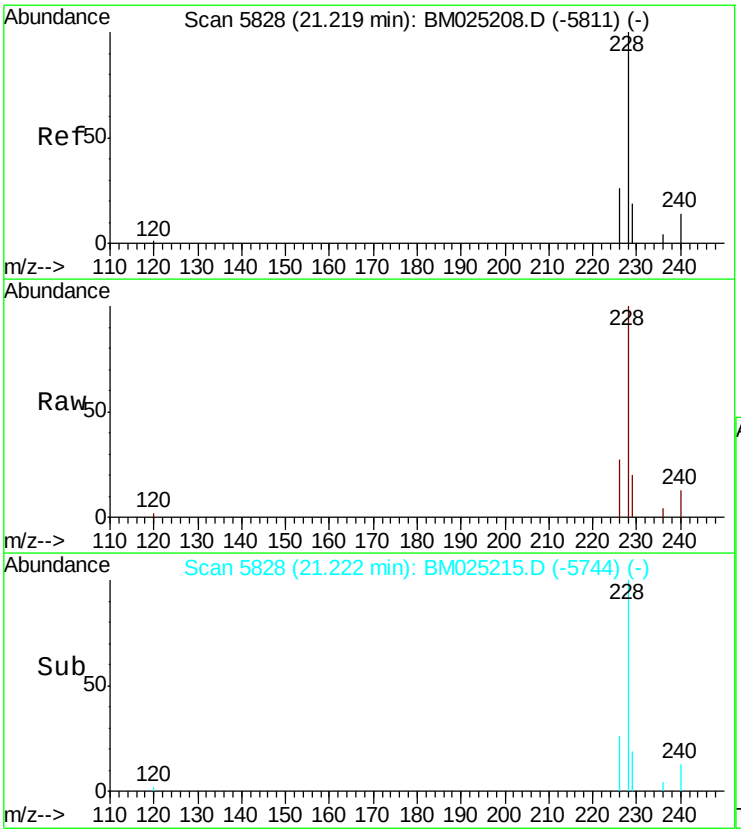
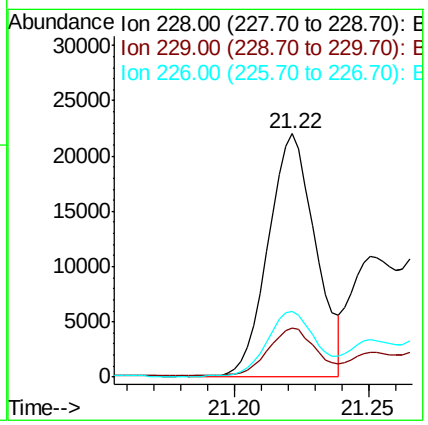


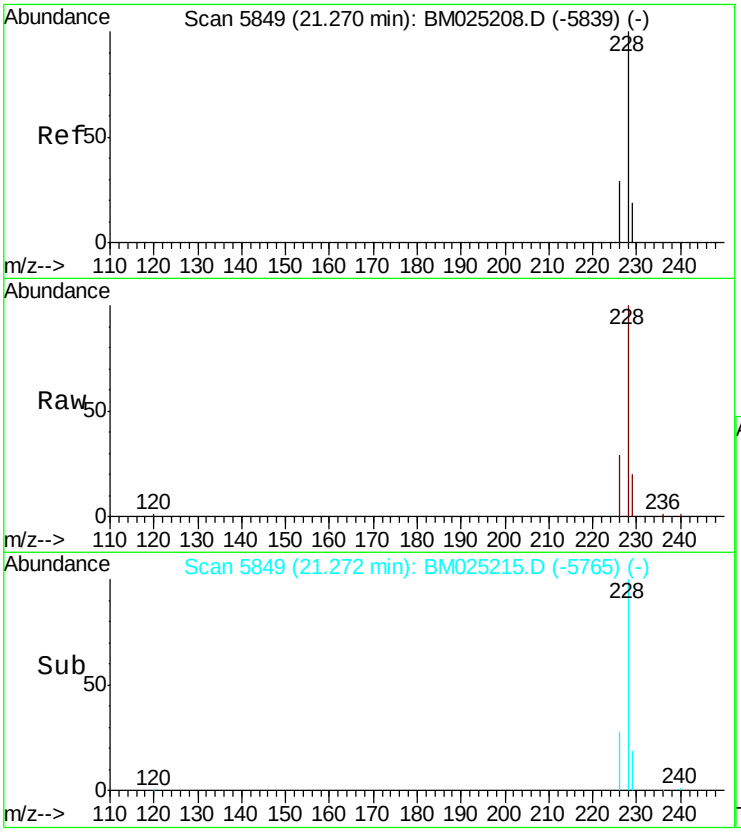


#18
Benzo(a)anthracene
Concen: 0.374 ng/ul
RT: 21.22 min Scan# 5828
Delta R.T. 0.00 min
Lab File: BM025215.D
Acq: 03 Mar 2020 16:57

Tgt Ion:228 Resp: 26754

Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.6	25.0
226	26.9	21.9	32.9

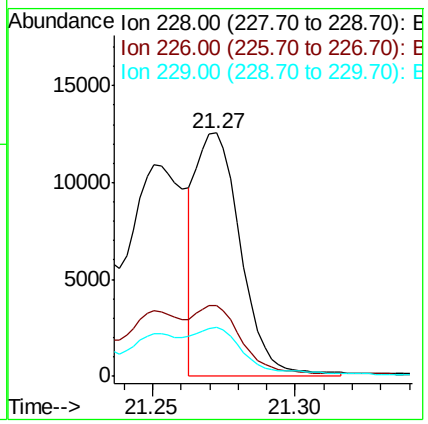




#19
Chrysene
Concen: 0.174 ng/ul m
RT: 21.27 min Scan# 5849
Delta R.T. 0.00 min
Lab File: BM025215.D
Acq: 03 Mar 2020 16:57

Tgt Ion:228 Resp: 13716

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.8	35.8
229	20.3	16.9	25.3



Instrument :
BNA_M
ClientSampleId :
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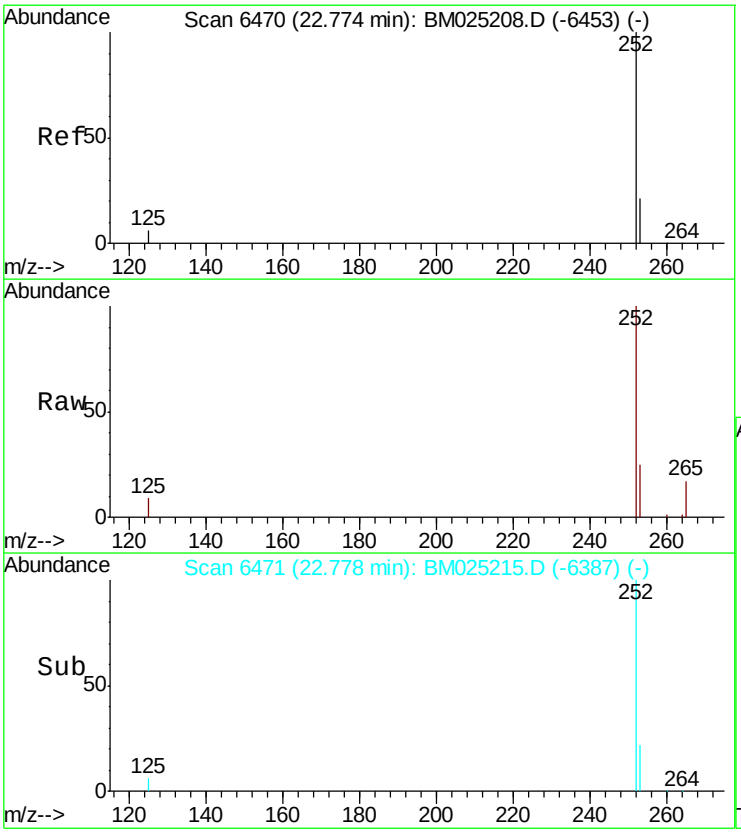
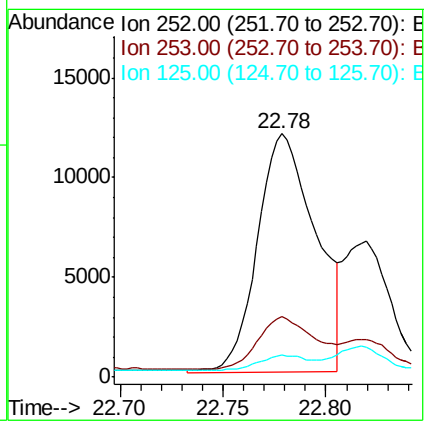
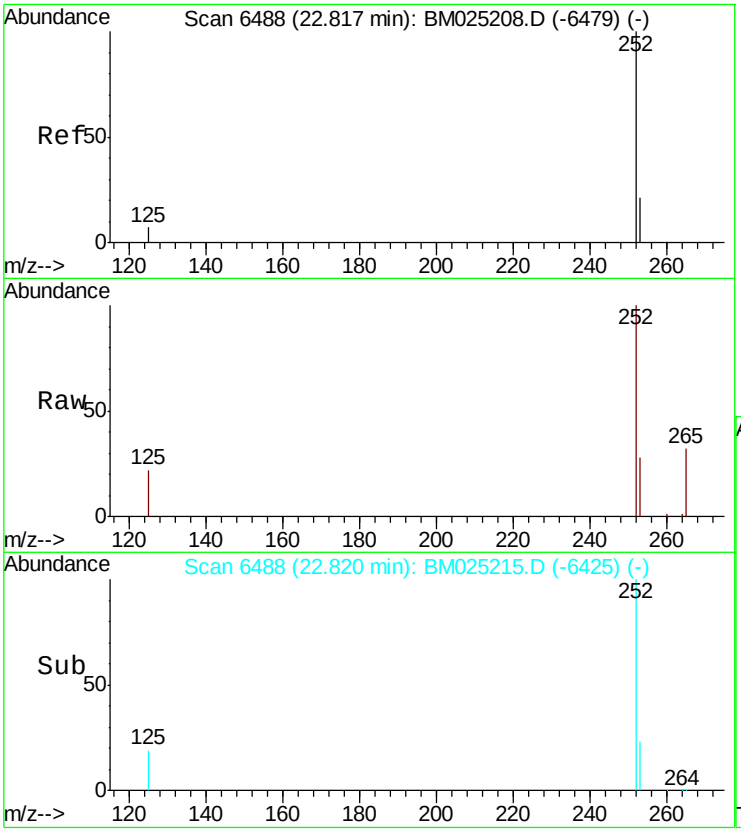


#21
Benzo(b)fluoranthene
Concen: 0.308 ng/ul m
RT: 22.78 min Scan# 6471
Delta R.T. 0.00 min
Lab File: BM025215.D
Acq: 03 Mar 2020 16:57

Tgt Ion:252 Resp: 23386

Ion	Ratio	Lower	Upper
252	100		
253	24.6	0.0	49.8
125	8.9	0.0	28.6





#22
Benzo(k)fluoranthene
Concen: 0.132 ng/ul m
RT: 22.82 min Scan# 6488
Delta R.T. 0.00 min
Lab File: BM025215.D
Acq: 03 Mar 2020 16:57

Tgt Ion:252 Resp: 10482

Ion	Ratio	Lower	Upper
252	100		
253	27.7	19.4	29.0
125	22.3	10.7	16.1#

Instrument :
BNA_M
ClientSampleId :
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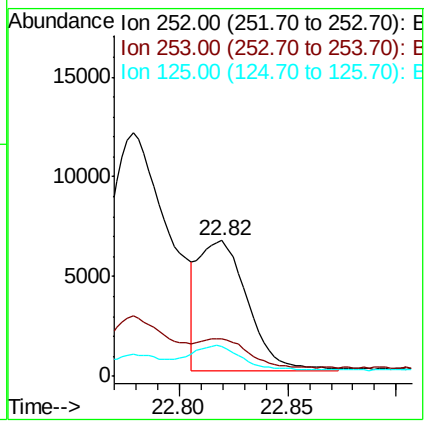
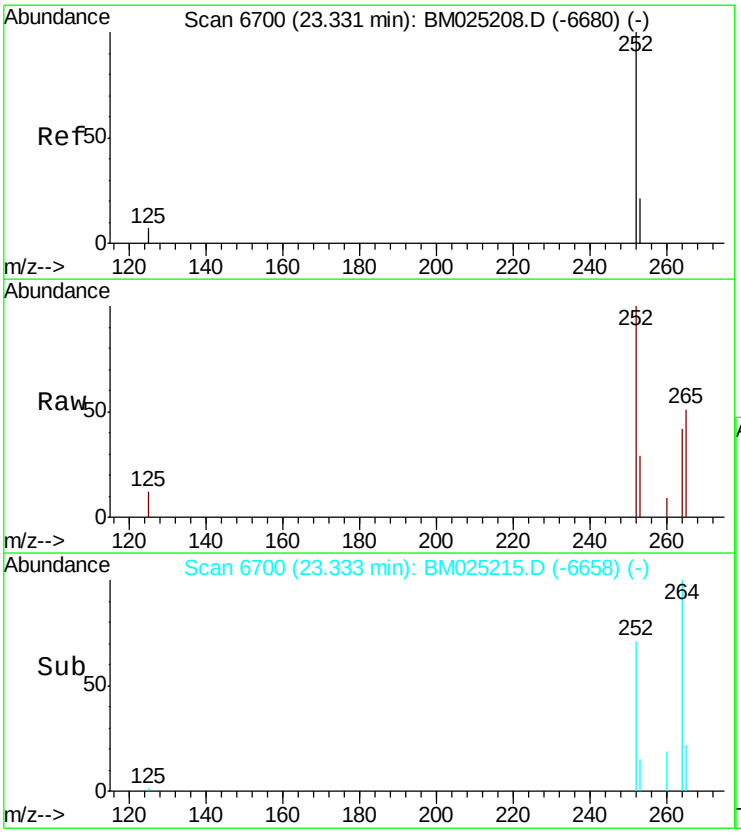
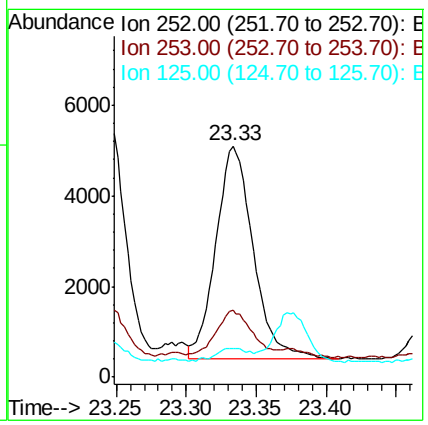


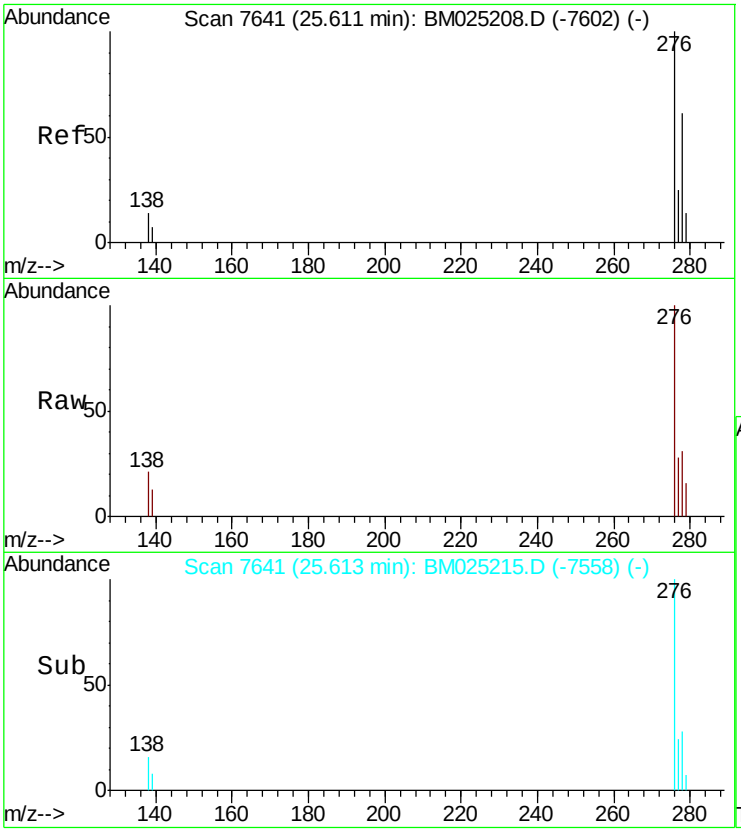


#23
Benzo(a)pyrene
Concen: 0.138 ng/ul
RT: 23.33 min Scan# 6700
Delta R.T. 0.00 min
Lab File: BM025215.D
Acq: 03 Mar 2020 16:57

Tgt Ion:252 Resp: 8766

Ion	Ratio	Lower	Upper
252	100		
253	28.9	20.3	30.5
125	12.5	13.0	19.4#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.055 ng/ul
RT: 25.61 min Scan# 7641
Delta R.T. 0.00 min
Lab File: BM025215.D
Acq: 03 Mar 2020 16:57

Tgt Ion:276 Resp: 4334

Ion	Ratio	Lower	Upper
276	100		
138	17.4	0.0	0.0#
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
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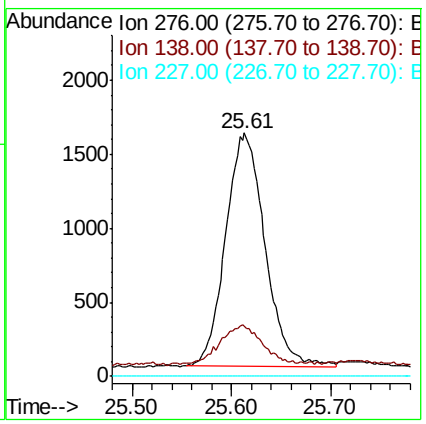
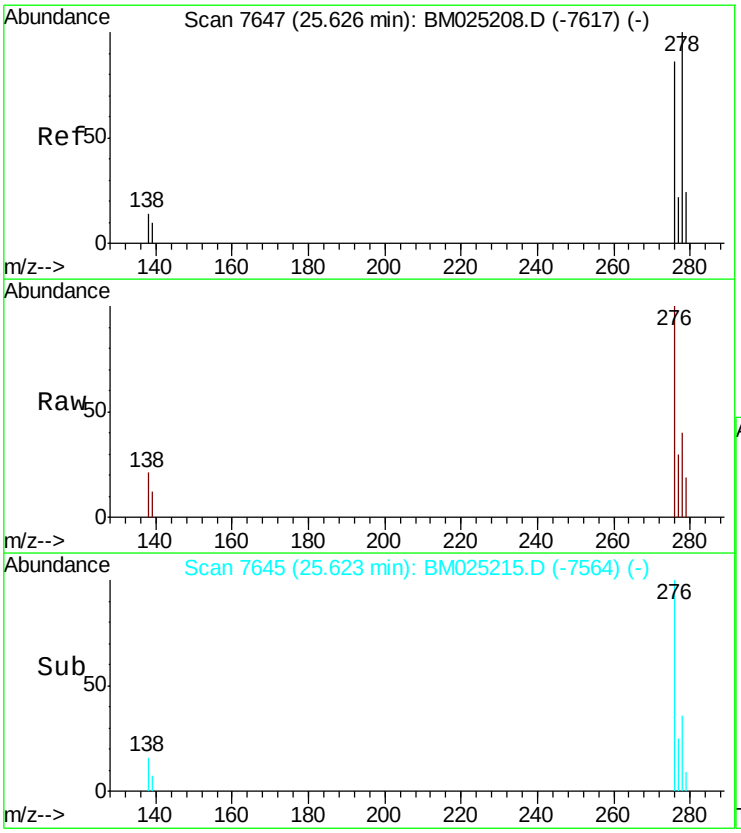
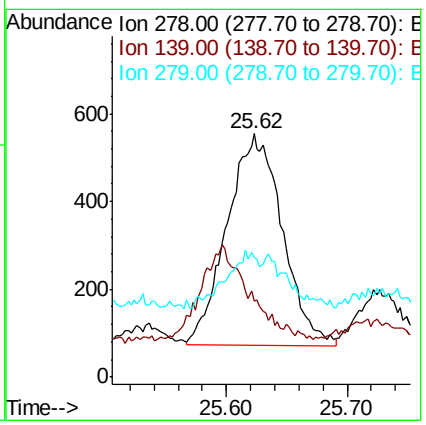


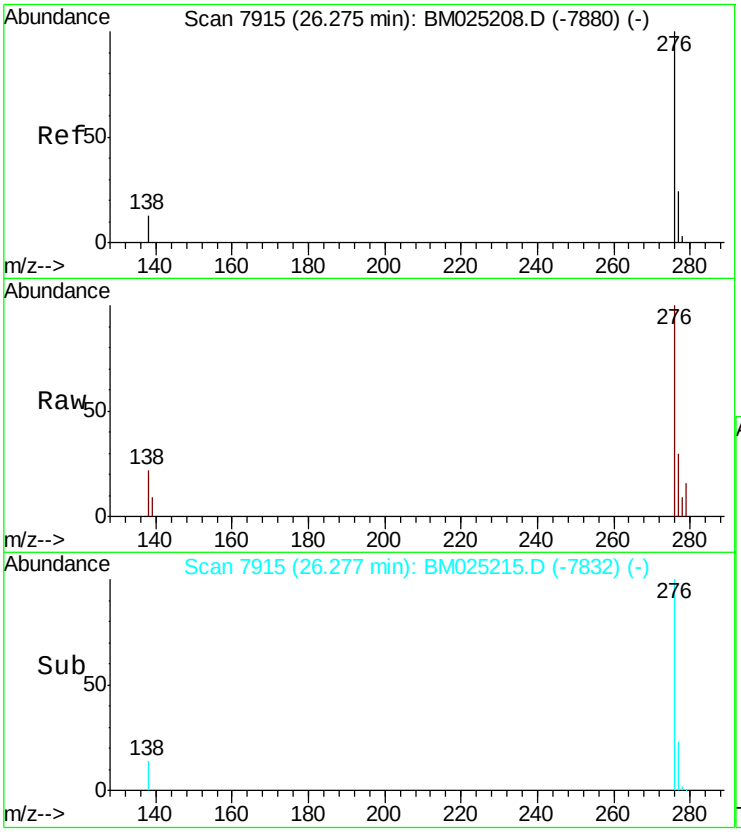


#25
Dibenzo(a,h)anthracene
Concen: 0.023 ng/ul
RT: 25.62 min Scan# 7645
Delta R.T. -0.00 min
Lab File: BM025215.D
Acq: 03 Mar 2020 16:57

Tgt Ion:278 Resp: 1533

Ion	Ratio	Lower	Upper
278	100		
139	31.4	13.2	19.8#
279	49.0	21.0	31.4#

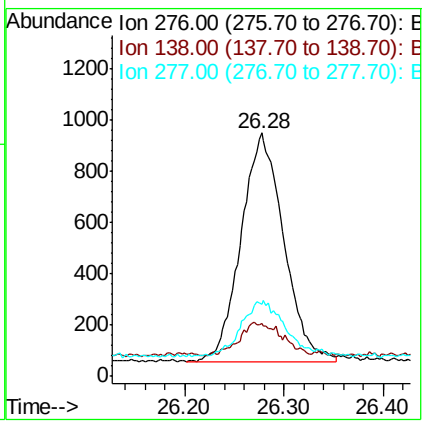




#26
Benzo(g,h,i)perylene
Concen: 0.039 ng/ul
RT: 26.28 min Scan# 7915
Delta R.T. 0.00 min
Lab File: BM025215.D
Acq: 03 Mar 2020 16:57

Tgt Ion:276 Resp: 2657

Ion	Ratio	Lower	Upper
276	100		
138	21.9	17.9	26.9
277	29.8	20.5	30.7



Instrument :
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ClientSampleId :
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