Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025431.D
Acq On : 10 Mar 2020 01:29
Operator : CG/JU
Sample : L1615-07DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDN1DL

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Quant Time: Mar 10 02:09:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3078	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	12970	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9193	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	20653	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	16169	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	13801	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	440	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	1137	0.02	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.01	152	3404	0.091	ng/ul	96
8) Acenaphthene	14.35	153	1189	0.036	ng/ul	98
9) Fluorene	15.34	166	1448	0.036	ng/ul#	96
12) Phenanthrene	17.07	178	11320	0.173	ng/ul	98
13) Anthracene	17.17	178	19245	0.338	ng/ul	100
15) Fluoranthene	19.09	202	159580	2.249	ng/ul	100
17) Pyrene	19.45	202	271217	3.737	ng/ul	100
18) Benzo(a)anthracene	21.20	228	94031	1.627	ng/ul	98
19) Chrysene	21.25	228	139523	2.149	ng/ul	99
21) Benzo(b)fluoranthene	22.75	252	187413m	3.429	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	58758m	1.026	ng/ul	
23) Benzo(a)pyrene	23.31	252	71411	1.574	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.57	276	43935	0.714	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.58	278	11640	0.225	ng/ul#	95
26) Benzo(g,h,i)perylene	26.23	276	26333	0.493	ng/ul	99

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

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Misc :
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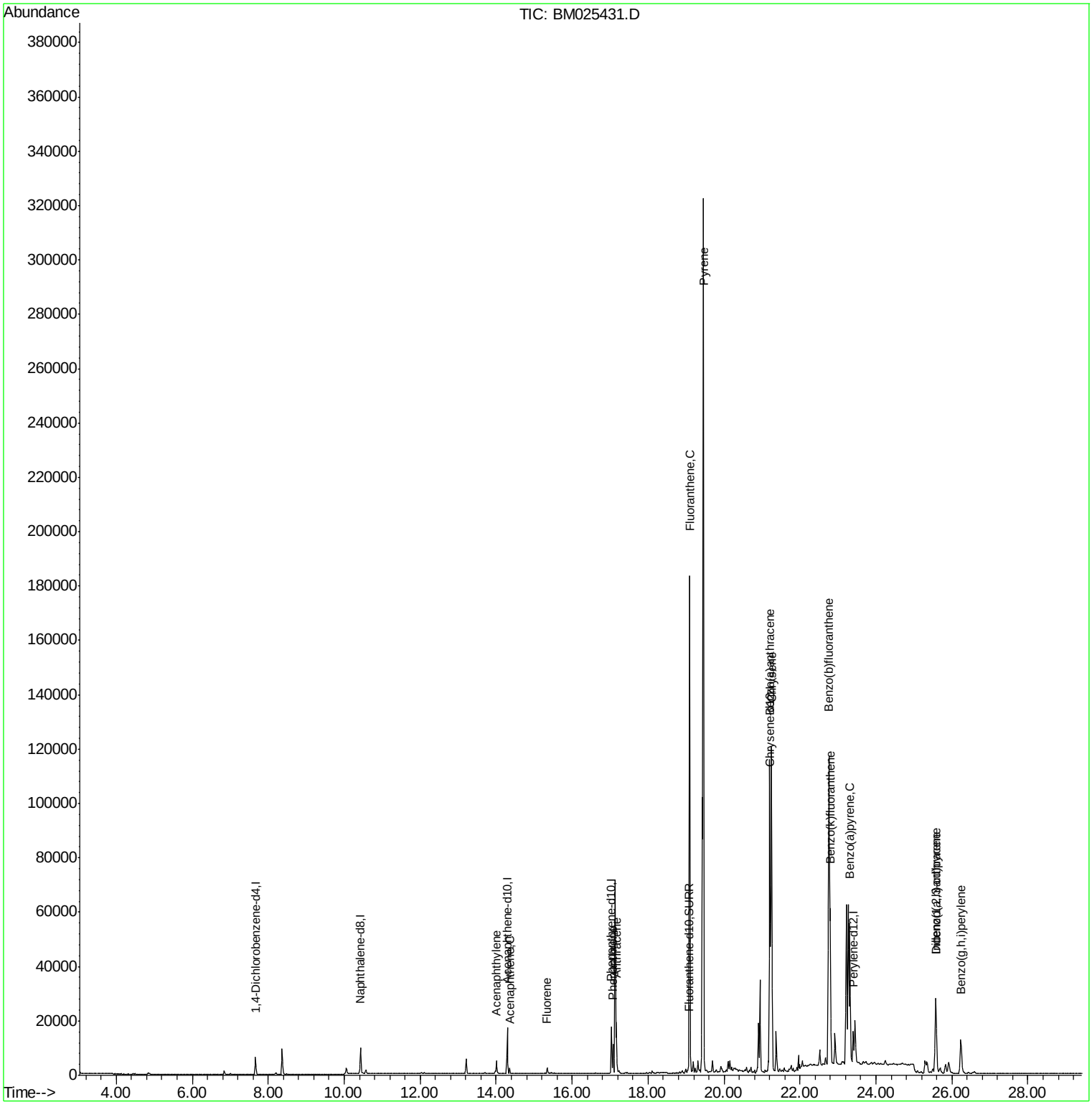
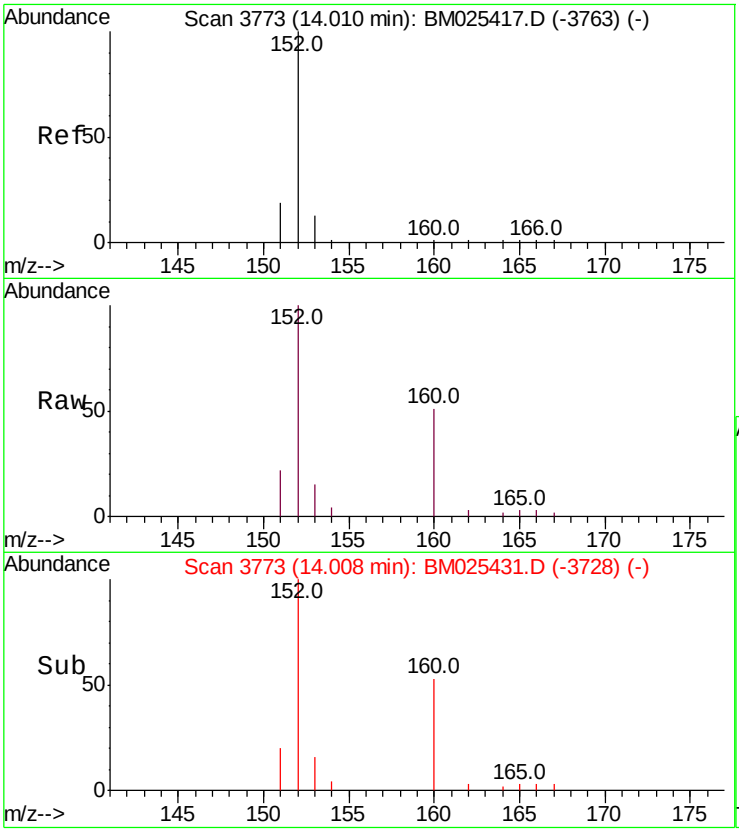
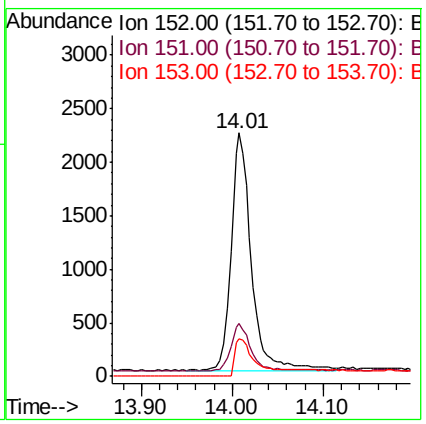




#7
Acenaphthylene
Concen: 0.091 ng/ul
RT: 14.01 min Scan# 3773
Delta R.T. -0.00 min
Lab File: BM025431.D
Acq: 10 Mar 2020 01:29

Tgt Ion:152 Resp: 3404

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.2	24.2
153	15.3	10.6	16.0



Instrument :
BNA_M
ClientSampleId :
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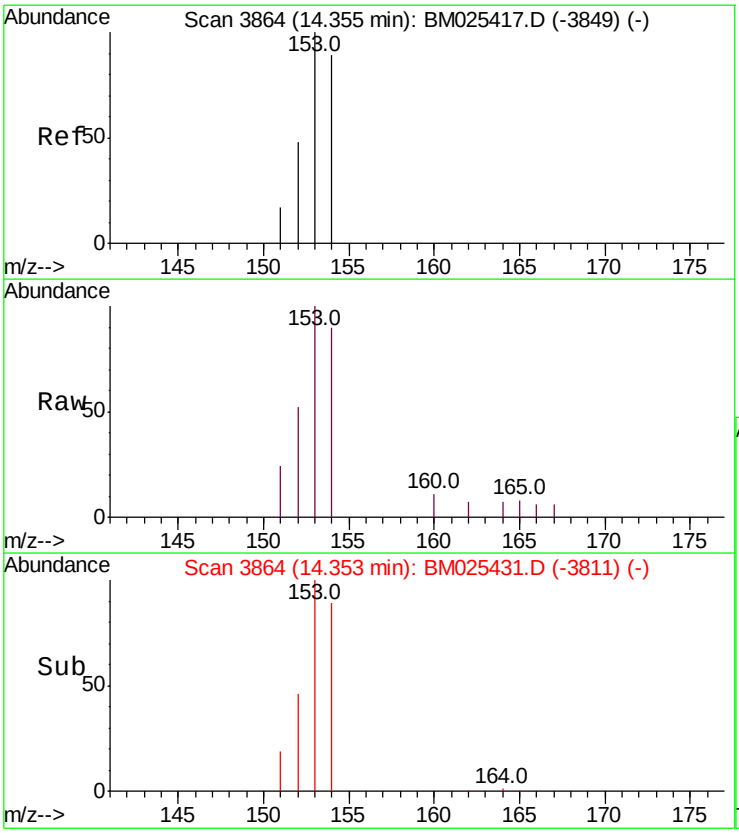
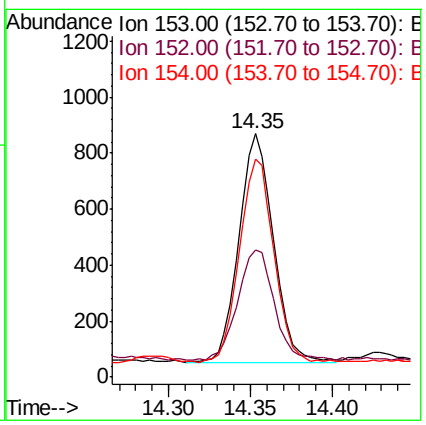
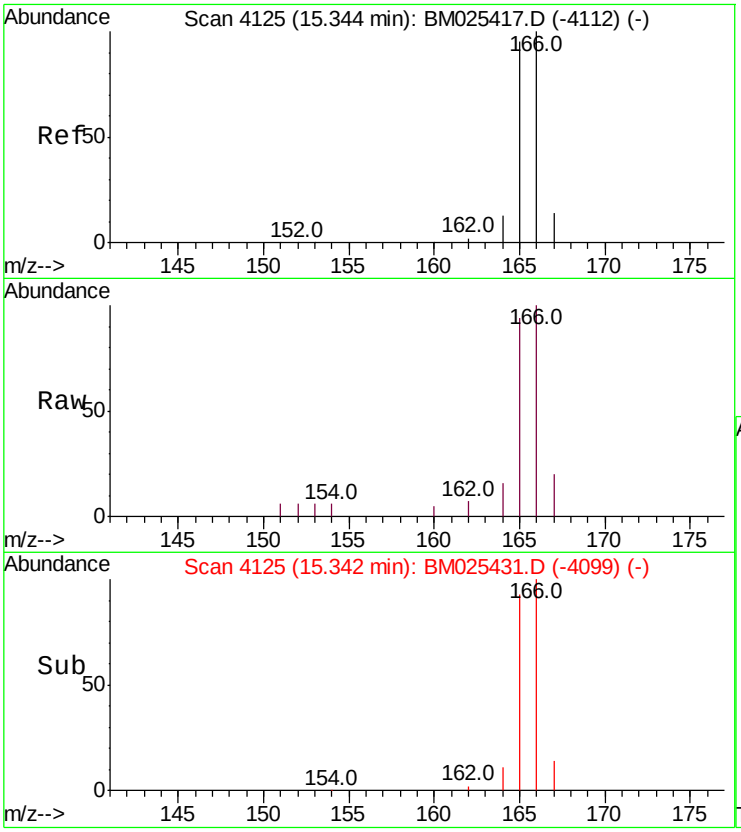


#8
Acenaphthene
Concen: 0.036 ng/ul
RT: 14.35 min Scan# 3864
Delta R.T. -0.00 min
Lab File: BM025431.D
Acq: 10 Mar 2020 01:29

Tgt Ion:153 Resp: 1189

Ion	Ratio	Lower	Upper
153	100		
152	52.2	39.5	59.3
154	89.8	71.7	107.5

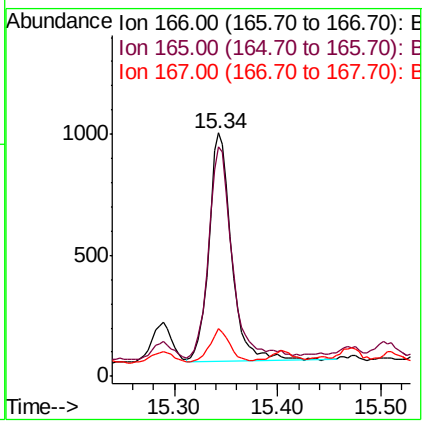




#9
Fluorene
Concen: 0.036 ng/ul
RT: 15.34 min Scan# 4125
Delta R.T. -0.00 min
Lab File: BM025431.D
Acq: 10 Mar 2020 01:29

Tgt Ion:166 Resp: 1448

Ion	Ratio	Lower	Upper
166	100		
165	94.0	76.8	115.2
167	19.6	11.2	16.8#



Instrument :
BNA_M
ClientSampleId :
DBDN1DL

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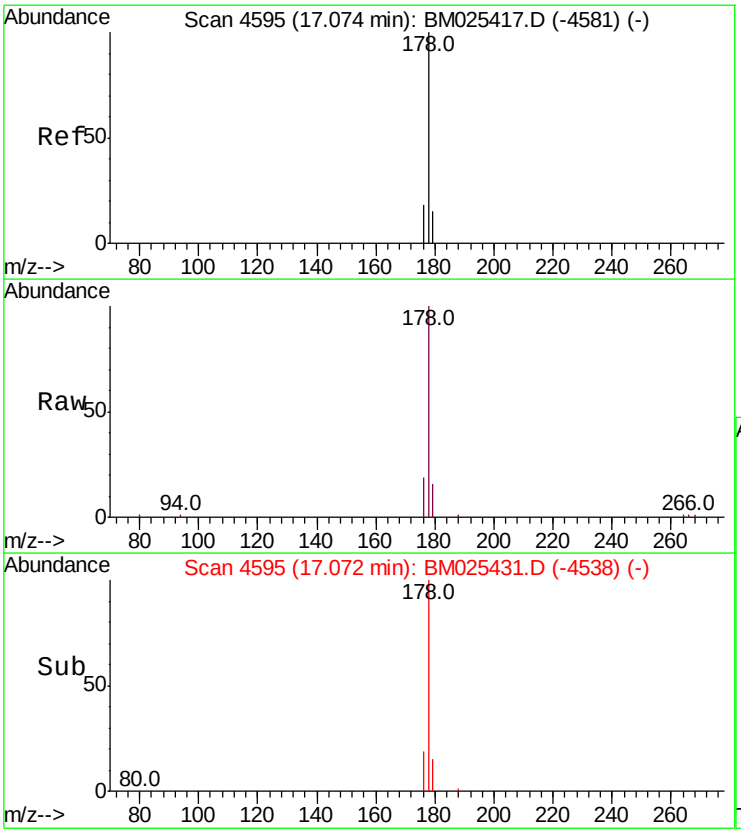
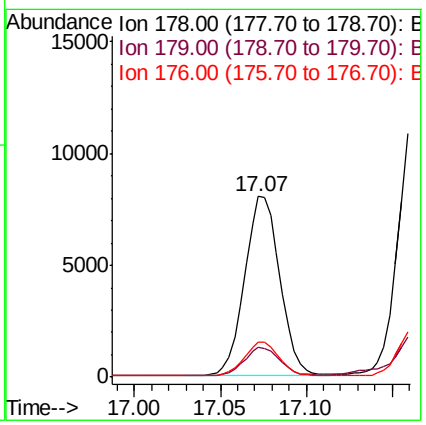
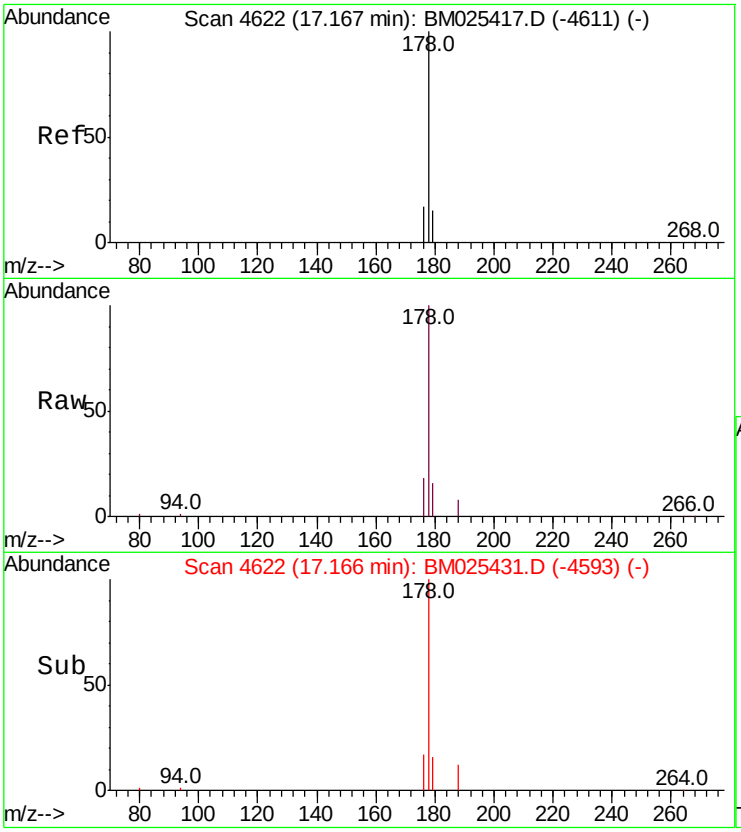


#12
Phenanthrene
Concen: 0.173 ng/ul
RT: 17.07 min Scan# 4595
Delta R.T. -0.00 min
Lab File: BM025431.D
Acq: 10 Mar 2020 01:29

Tgt Ion:178 Resp: 11320

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.4	18.6
176	19.1	14.8	22.2

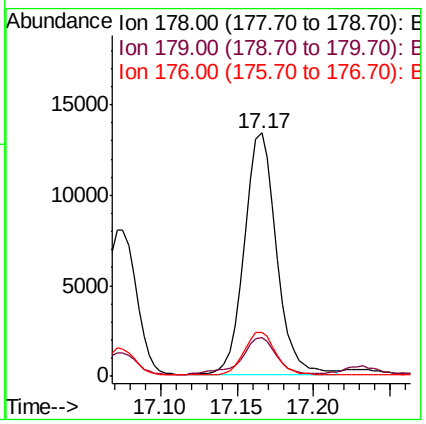




#13
Anthracene
Concen: 0.338 ng/ul
RT: 17.17 min Scan# 4622
Delta R.T. -0.00 min
Lab File: BM025431.D
Acq: 10 Mar 2020 01:29

Tgt Ion:178 Resp: 19245

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	18.8
176	18.1	14.5	21.7



Instrument :
BNA_M
ClientSampleId :
DBDN1DL

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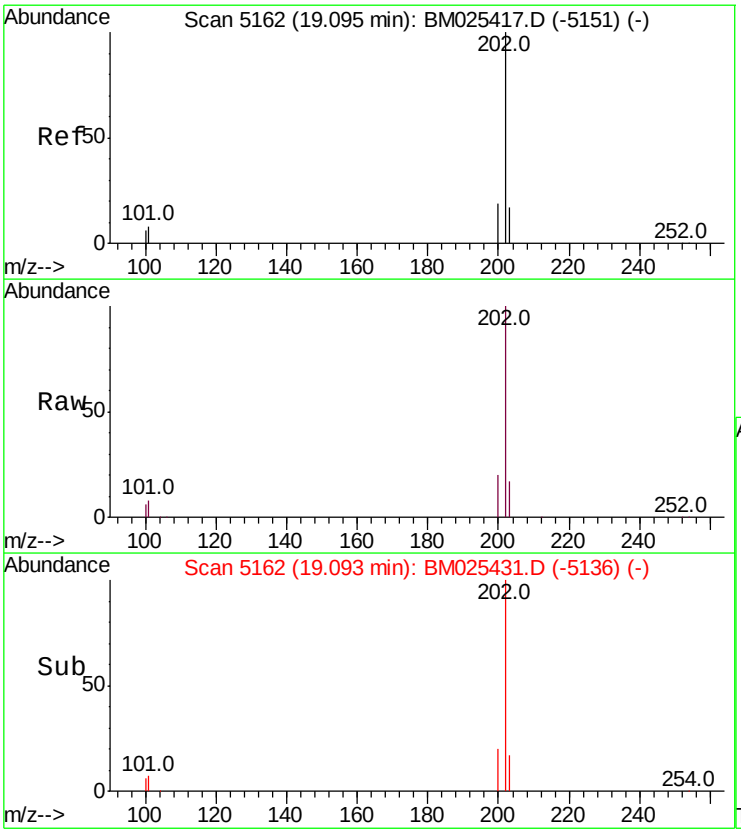
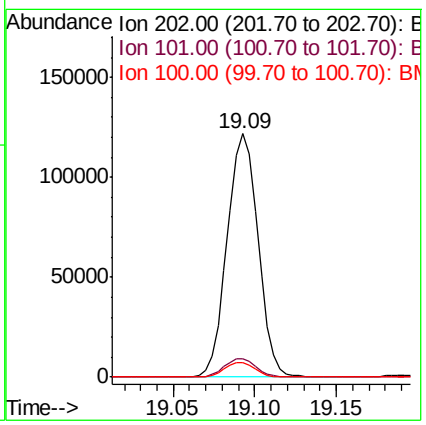
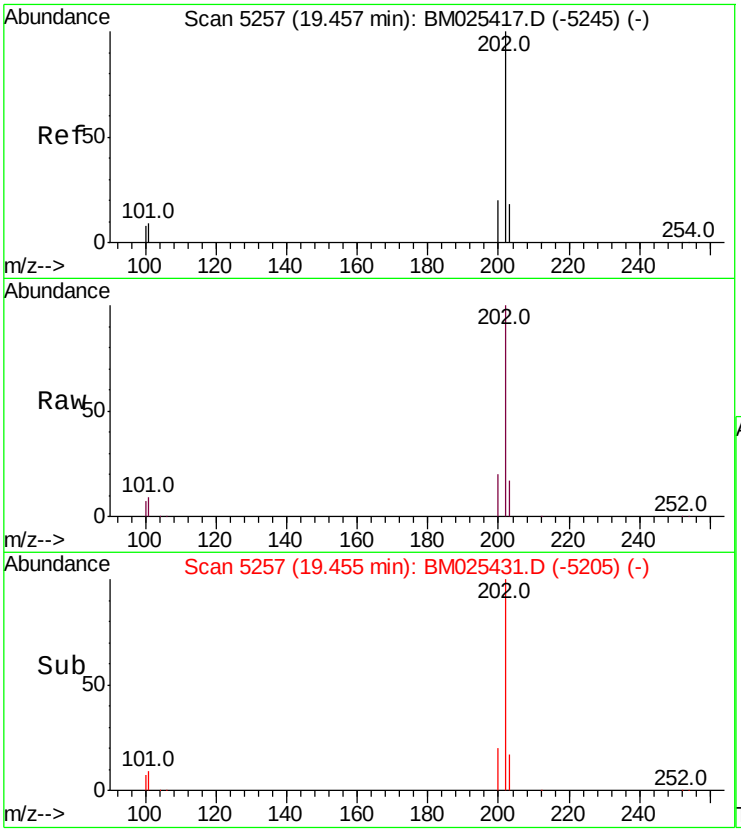


#15
Fluoranthene
Concen: 2.249 ng/ul
RT: 19.09 min Scan# 5162
Delta R.T. -0.00 min
Lab File: BM025431.D
Acq: 10 Mar 2020 01:29

Tgt Ion:202 Resp: 159580

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	27.5
100	6.0	0.0	26.0

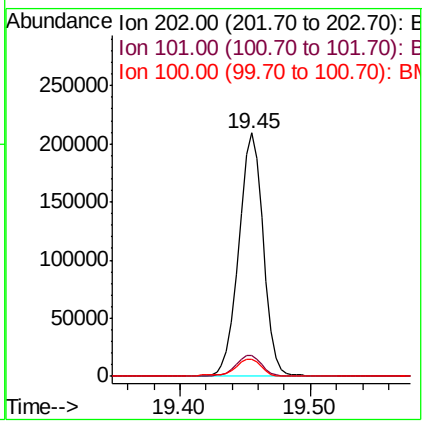




#17
Pyrene
Concen: 3.737 ng/ul
RT: 19.45 min Scan# 5257
Delta R.T. -0.00 min
Lab File: BM025431.D
Acq: 10 Mar 2020 01:29

Tgt Ion:202 Resp: 271217

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.1	10.7
100	7.3	6.0	9.0



Instrument :
BNA_M
ClientSampleId :
DBDN1DL

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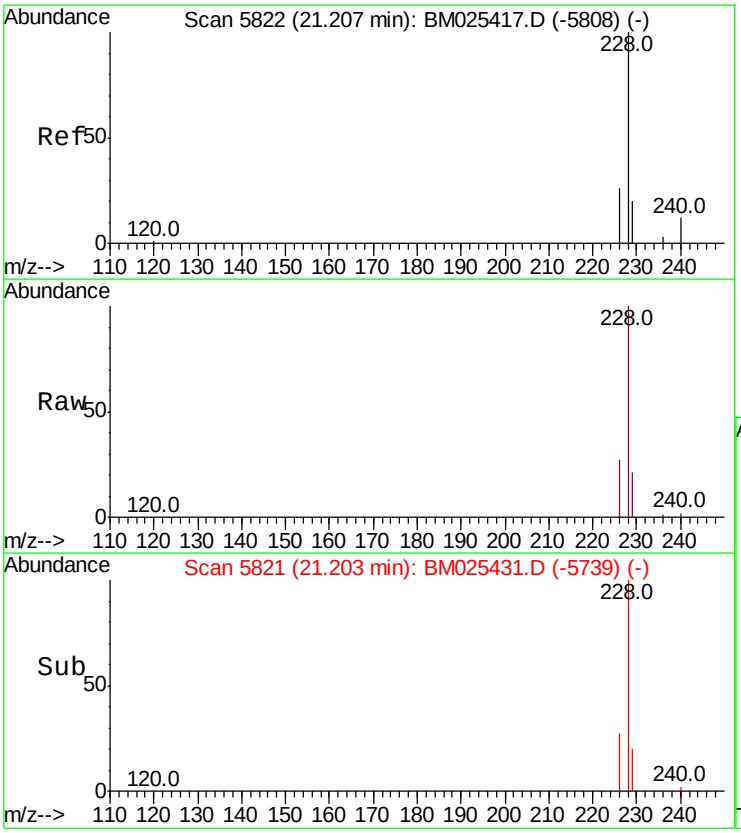
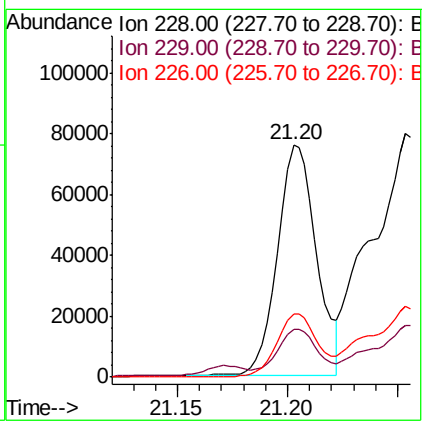
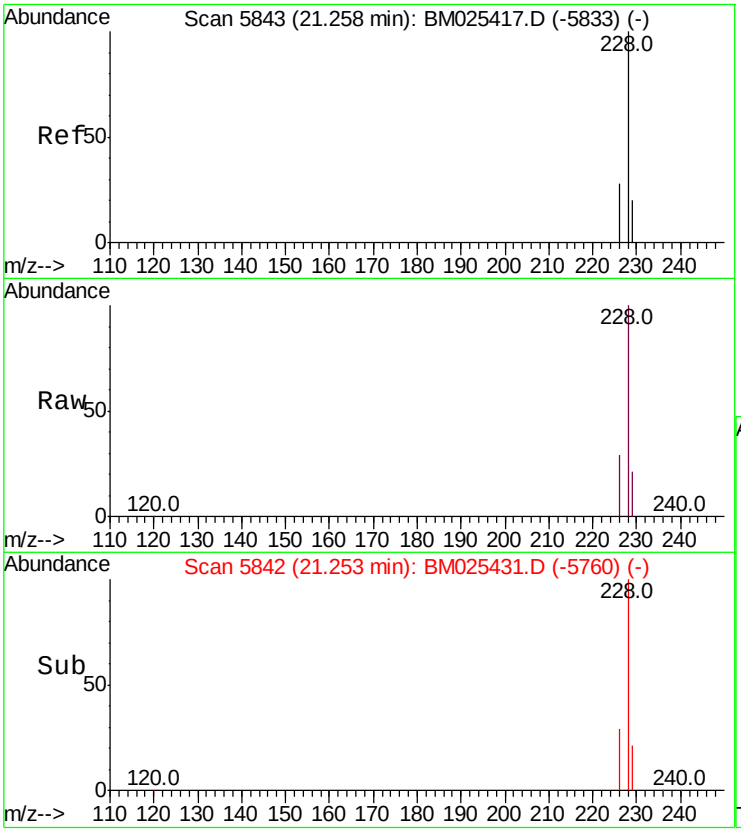


#18
Benzo(a)anthracene
Concen: 1.627 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.00 min
Lab File: BM025431.D
Acq: 10 Mar 2020 01:29

Tgt Ion:228 Resp: 94031

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.6	23.4
226	27.4	21.1	31.7





#19
Chrysene
Concen: 2.149 ng/ul
RT: 21.25 min Scan# 5842
Delta R.T. -0.00 min
Lab File: BM025431.D
Acq: 10 Mar 2020 01:29

Tgt Ion:228 Resp: 139523

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.6	35.4
229	21.1	16.3	24.5

Instrument :
BNA_M
ClientSampleId :
DBDN1DL

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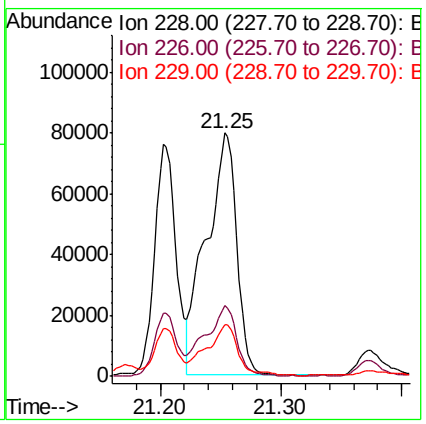
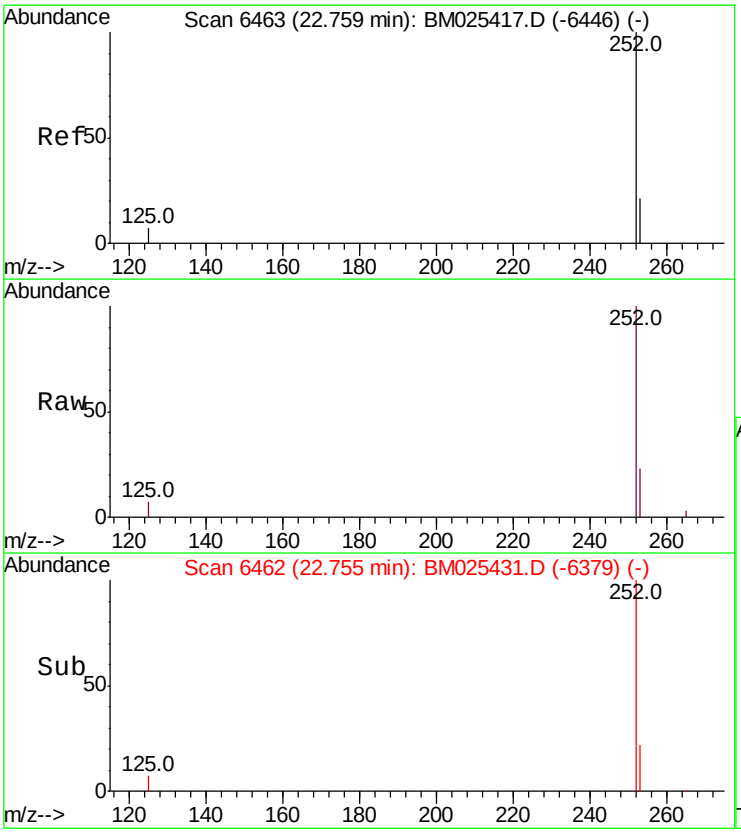
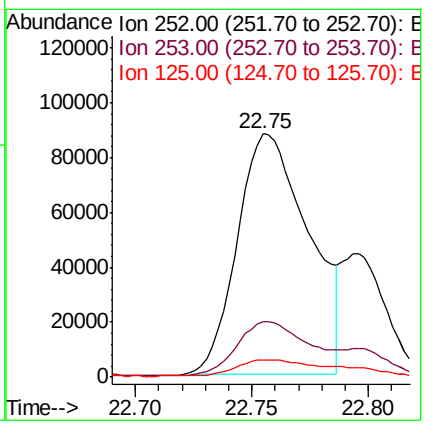


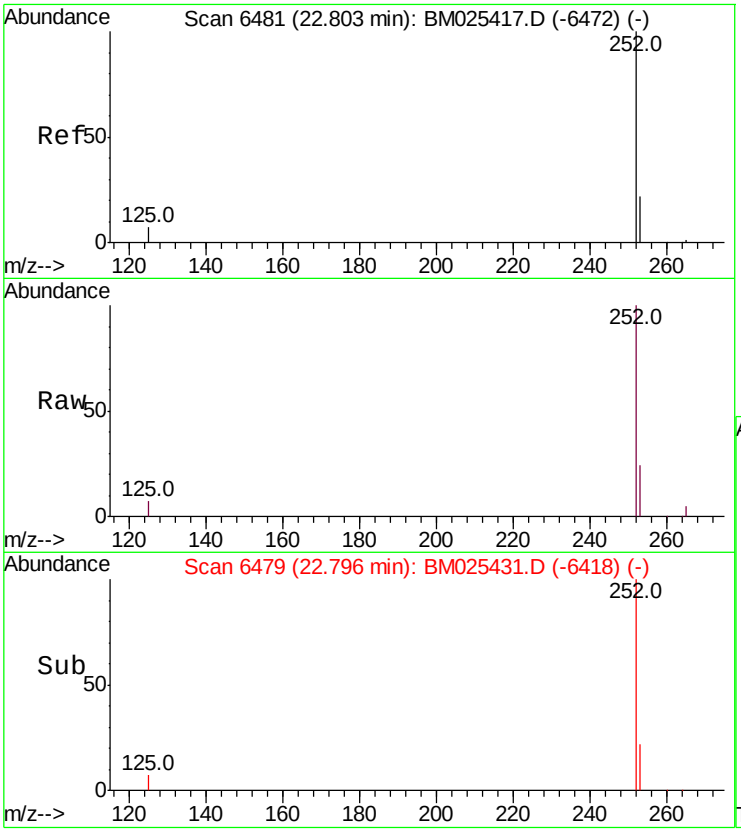


#21
Benzo(b)fluoranthene
Concen: 3.429 ng/ul m
RT: 22.75 min Scan# 6462
Delta R.T. -0.00 min
Lab File: BM025431.D
Acq: 10 Mar 2020 01:29

Tgt Ion:252 Resp: 187413

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	50.2
125	7.0	0.0	17.6





#22
Benzo(k)fluoranthene
Concen: 1.026 ng/ul m
RT: 22.80 min Scan# 6479
Delta R.T. -0.00 min
Lab File: BM025431.D
Acq: 10 Mar 2020 01:29

Tgt Ion:252 Resp: 58758

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.8	29.8
125	7.5	7.1	10.7

Instrument :
BNA_M
ClientSampleId :
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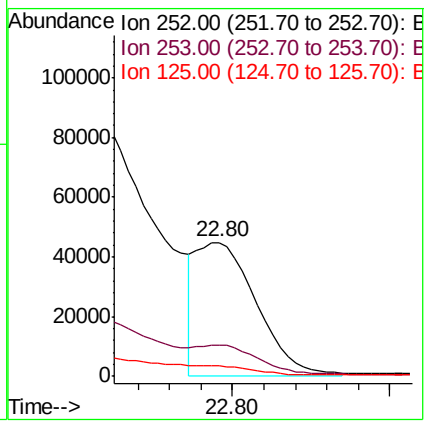
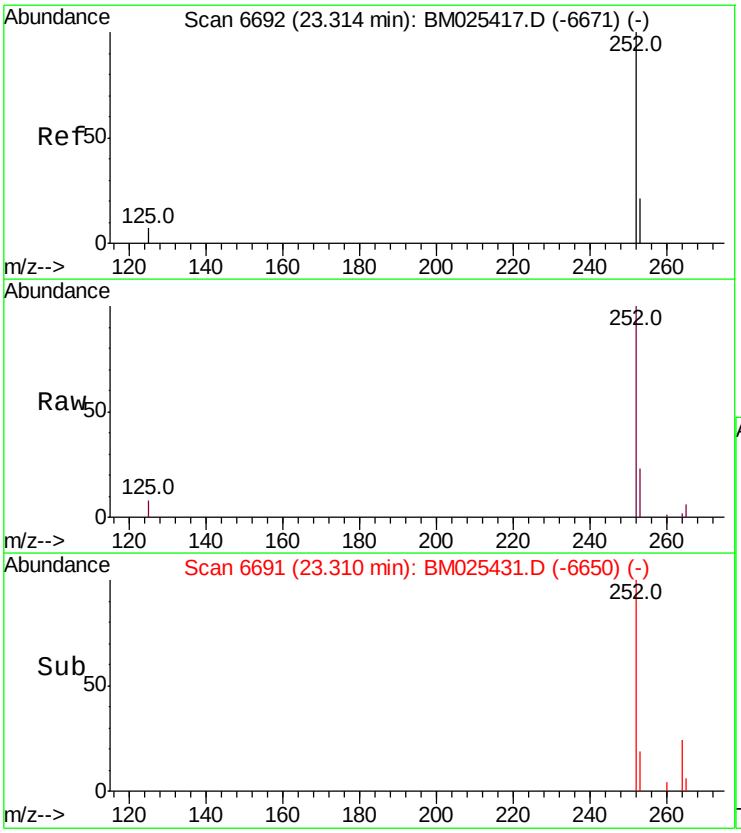
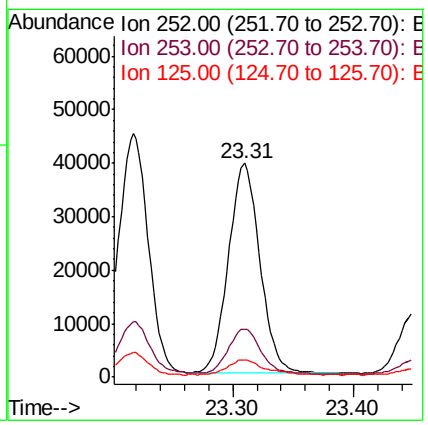


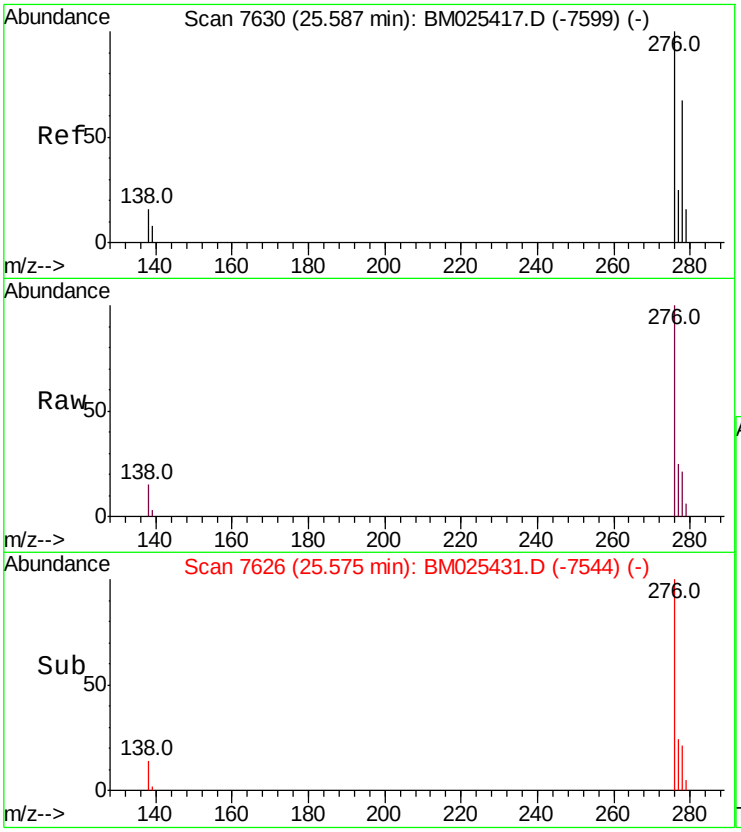


#23
Benzo(a)pyrene
Concen: 1.574 ng/ul
RT: 23.31 min Scan# 6691
Delta R.T. -0.00 min
Lab File: BM025431.D
Acq: 10 Mar 2020 01:29

Tgt Ion:252 Resp: 71411

Ion	Ratio	Lower	Upper
252	100		
253	22.6	21.3	31.9
125	8.0	8.5	12.7#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.714 ng/ul
RT: 25.57 min Scan# 7626
Delta R.T. -0.00 min
Lab File: BM025431.D
Acq: 10 Mar 2020 01:29

Tgt Ion:276 Resp: 43935

Ion	Ratio	Lower	Upper
276	100		
138	14.2	12.3	18.5
227	0.0	0.0	0.0

Instrument :
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ClientSampleId :
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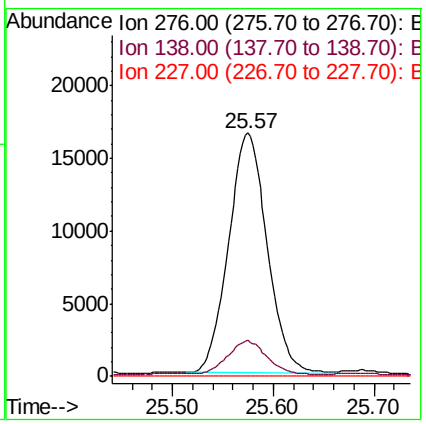
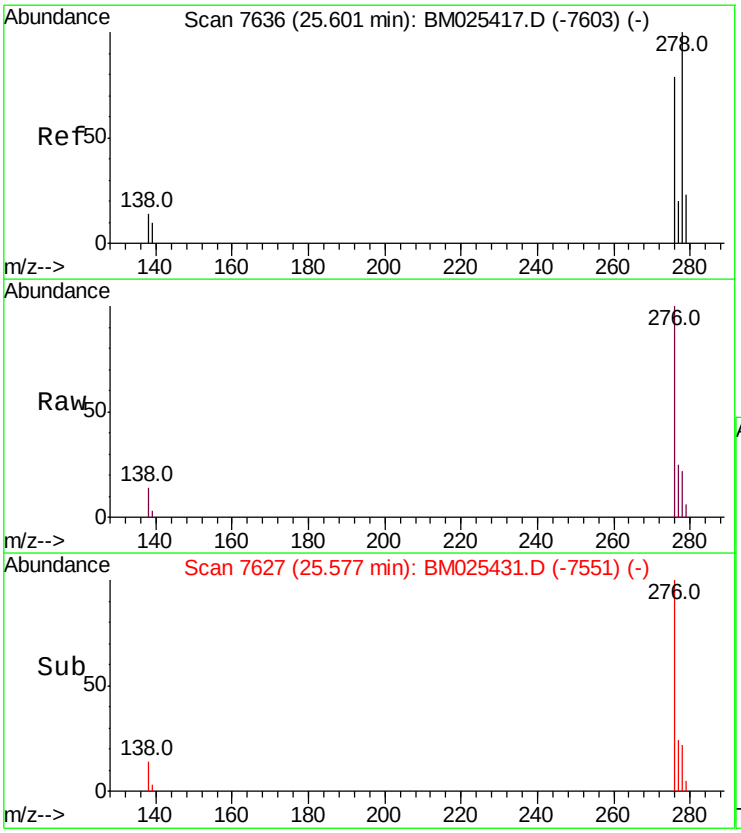
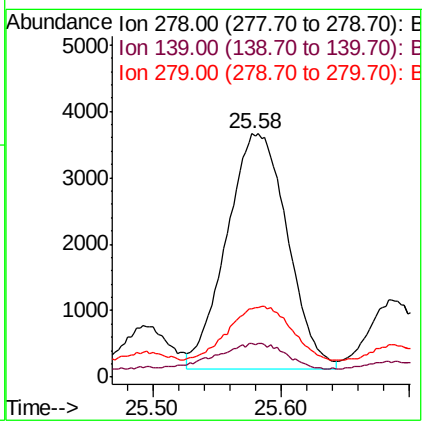


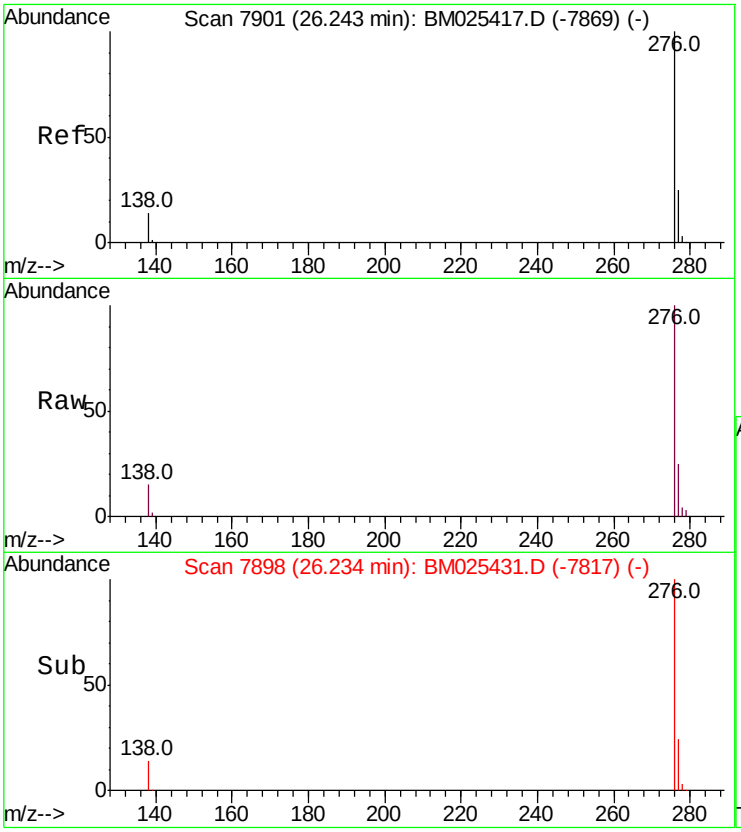


#25
Dibenzo(a,h)anthracene
Concen: 0.225 ng/ul
RT: 25.58 min Scan# 7627
Delta R.T. -0.02 min
Lab File: BM025431.D
Acq: 10 Mar 2020 01:29

Tgt Ion:278 Resp: 11640

Ion	Ratio	Lower	Upper
278	100		
139	14.0	9.0	13.6#
279	28.2	21.1	31.7

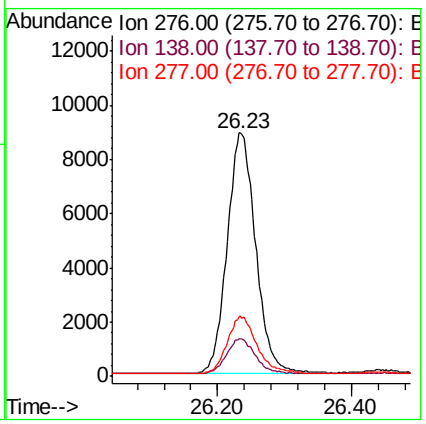




#26
Benzo(g,h,i)perylene
Concen: 0.493 ng/ul
RT: 26.23 min Scan# 7898
Delta R.T. -0.00 min
Lab File: BM025431.D
Acq: 10 Mar 2020 01:29

Tgt Ion:276 Resp: 26333

Ion	Ratio	Lower	Upper
276	100		
138	15.3	11.0	16.4
277	24.7	19.8	29.6



Instrument :
BNA_M
ClientSampleId :
DBDN1DL

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