Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
Data File : BM025295.D
Acq On : 05 Mar 2020 19:33
Operator : CG/JU
Sample : L1543-18
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDA0

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3/6/2020 10:15:03 PM

Quant Time: Mar 06 03:02:23 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 : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3331	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	14412	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10649	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	25521	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	24012	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	20995	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	3488	0.13	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	11908	0.14	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.49	128	2131	0.049	ng/ul#	89
5) 2-Methylnaphthalene	12.11	142	1014	0.032	ng/ul	100
7) Acenaphthylene	14.02	152	4871	0.098	ng/ul	98
8) Acenaphthene	14.36	153	1486	0.038	ng/ul	98
9) Fluorene	15.35	166	1806	0.037	ng/ul	97
12) Phenanthrene	17.08	178	13784	0.167	ng/ul	97
13) Anthracene	17.17	178	42933	0.588	ng/ul	95
15) Fluoranthene	19.10	202	46041	0.447	ng/ul	95
17) Pyrene	19.46	202	56941	0.625	ng/ul	95
18) Benzo(a)anthracene	21.21	228	35734	0.405	ng/ul	99
19) Chrysene	21.26	228	58717	0.605	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	119543m	1.423	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	44349m	0.503	ng/ul	
23) Benzo(a)pyrene	23.32	252	28884	0.410	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.59	276	30048	0.342	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.60	278	9105	0.125	ng/ul	96
26) Benzo(g,h,i)perylene	26.26	276	17784	0.238	ng/ul#	93

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

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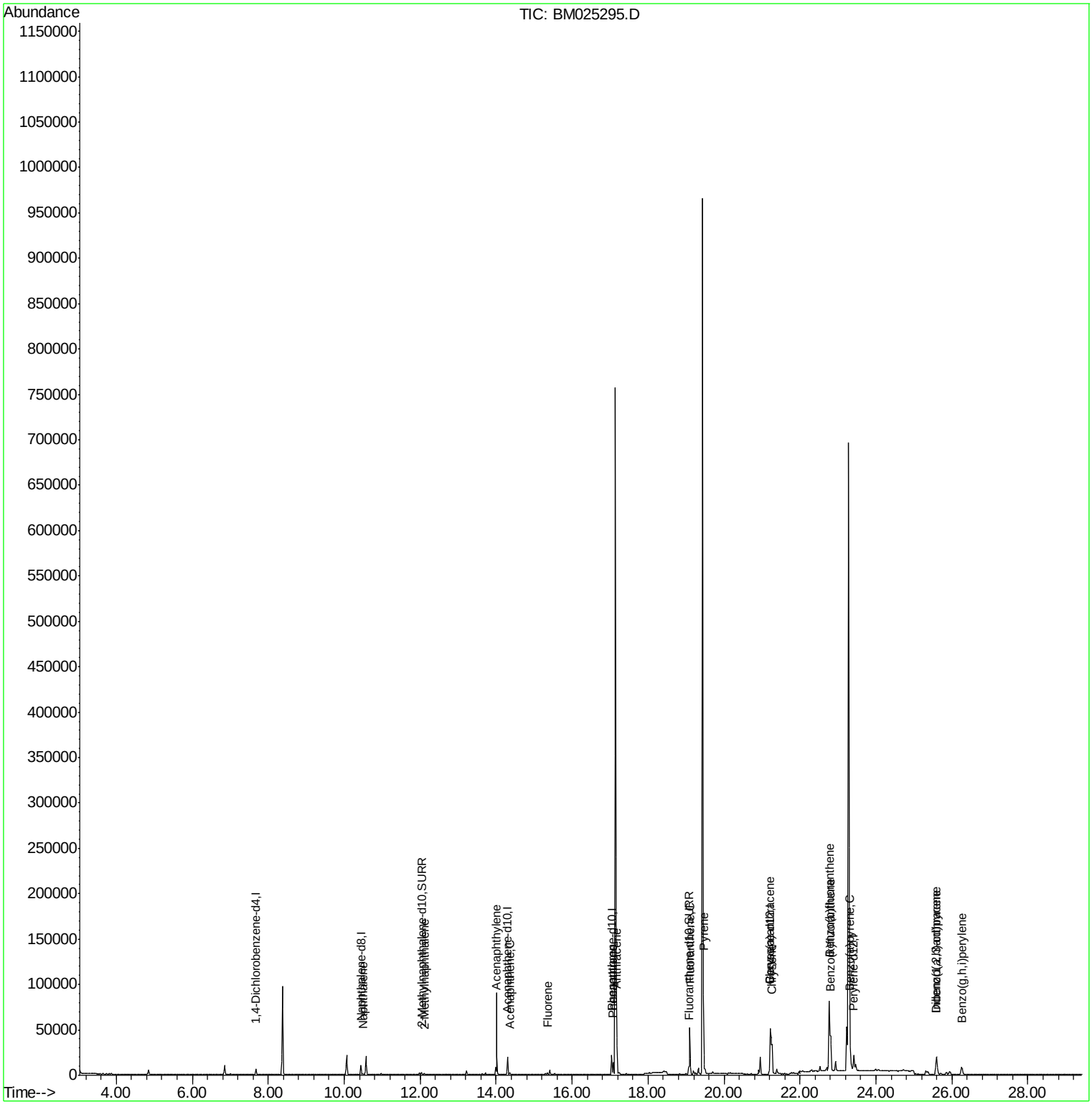

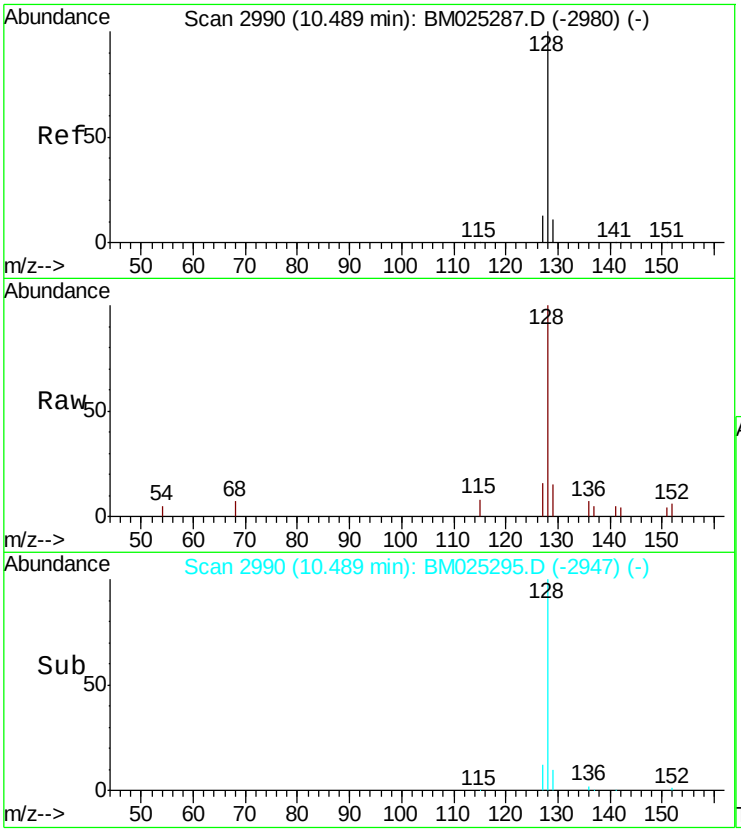

#3
Naphthalene
Concen: 0.049 ng/ul
RT: 10.49 min Scan# 2990
Delta R.T. -0.00 min
Lab File: BM025295.D
Acq: 05 Mar 2020 19:33

Tgt Ion:128 Resp: 2131

Ion	Ratio	Lower	Upper
128	100		
129	15.0	17.0	25.6#
127	15.8	15.7	23.5

Instrument :
BNA_M
ClientSampleId :
DBDA0

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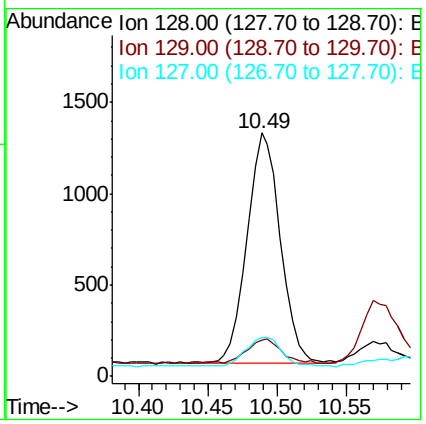
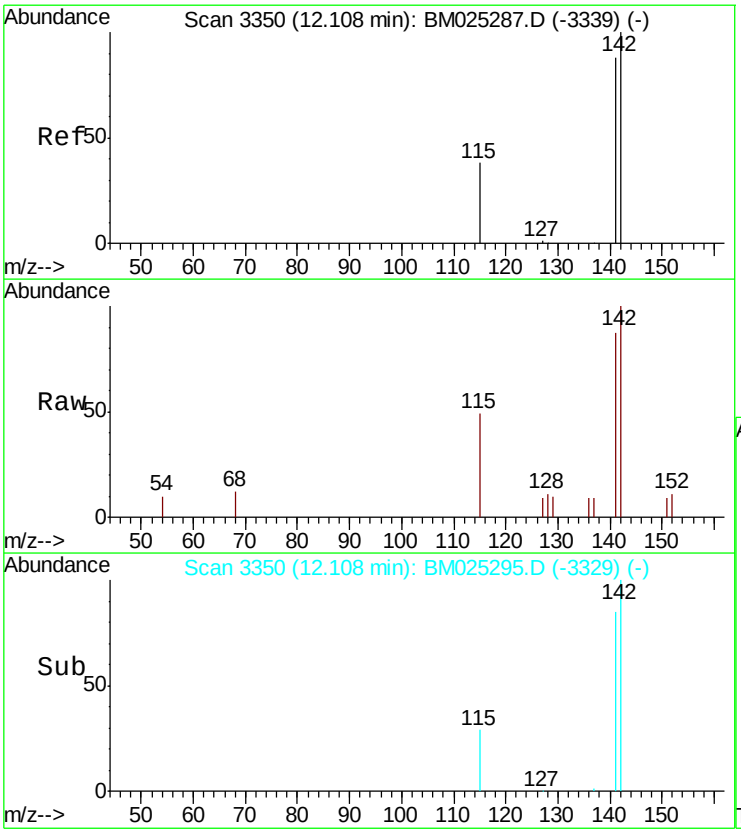
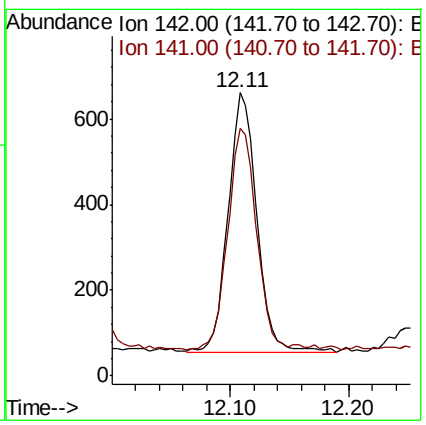


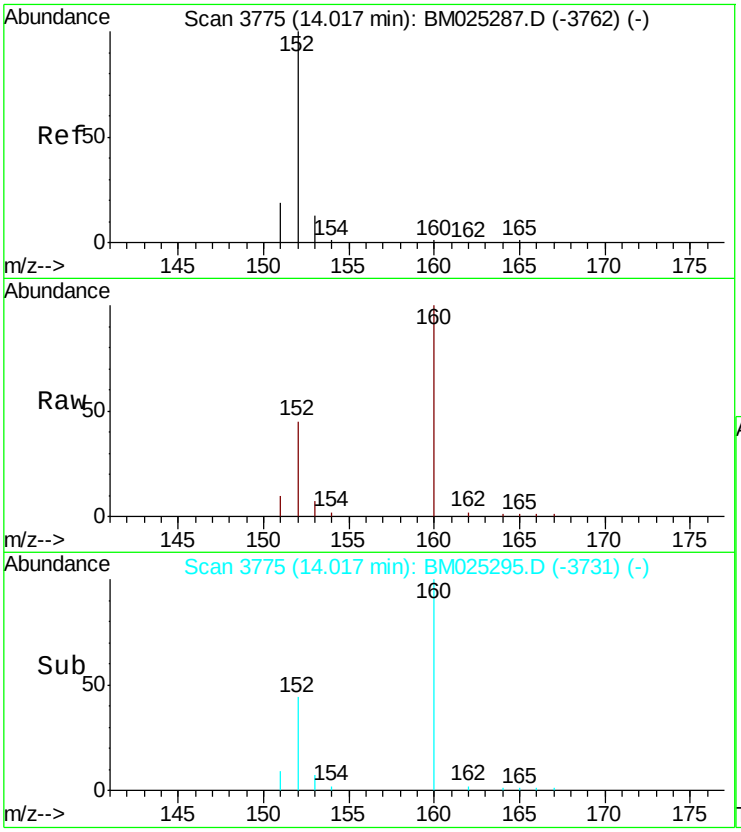


#5
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.11 min Scan# 3350
Delta R.T. -0.00 min
Lab File: BM025295.D
Acq: 05 Mar 2020 19:33

Tgt Ion:142 Resp: 1014

Ion	Ratio	Lower	Upper
142	100		
141	87.1	69.8	104.8

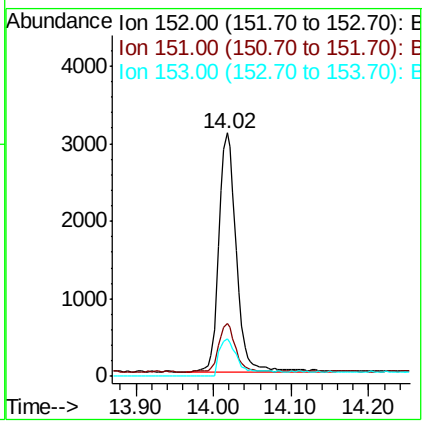




#7
Acenaphthylene
Concen: 0.098 ng/ul
RT: 14.02 min Scan# 3775
Delta R.T. -0.00 min
Lab File: BM025295.D
Acq: 05 Mar 2020 19:33

Tgt Ion:152 Resp: 4871

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.8	26.8
153	15.4	13.3	19.9



Instrument :
BNA_M
ClientSampleId :
DBDA0

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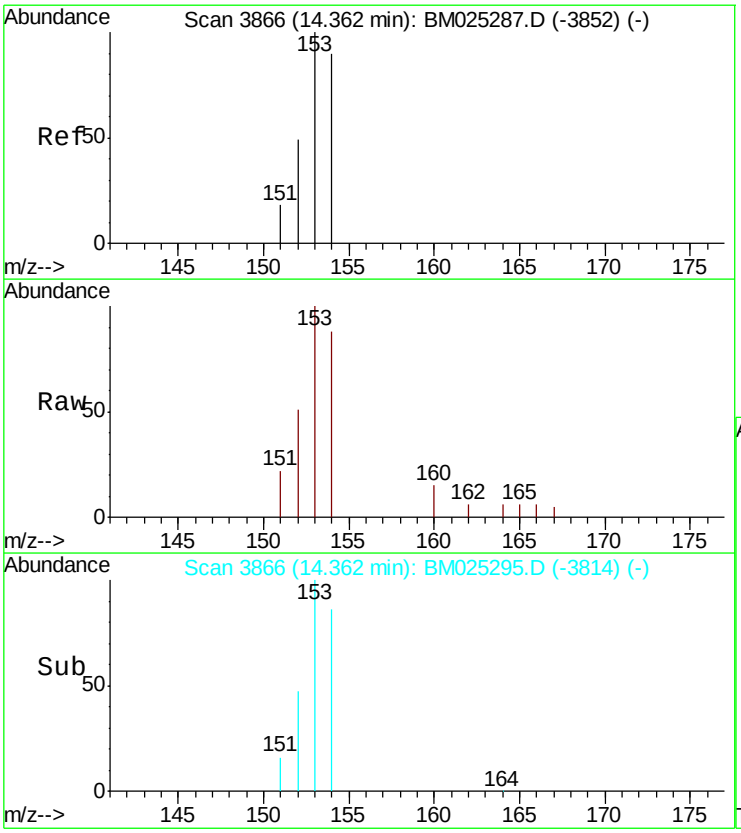
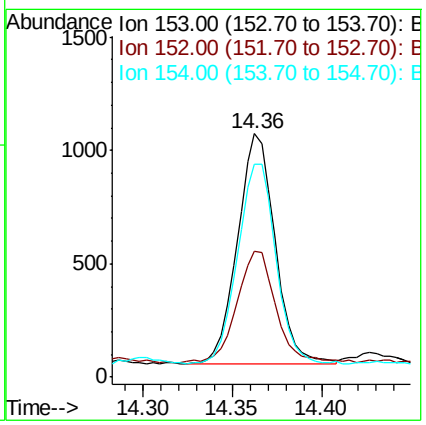
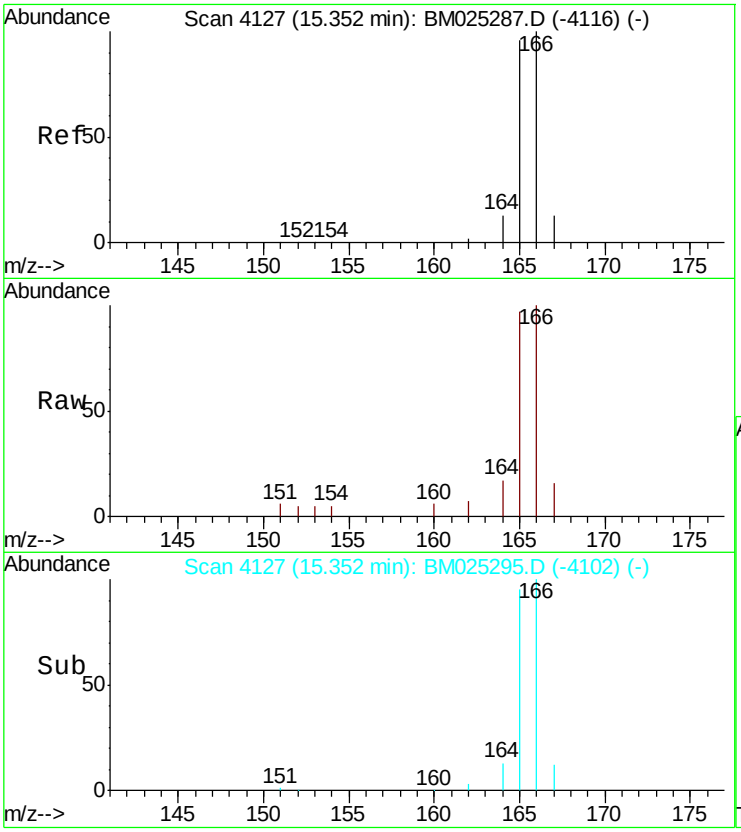


#8
Acenaphthene
Concen: 0.038 ng/ul
RT: 14.36 min Scan# 3866
Delta R.T. -0.00 min
Lab File: BM025295.D
Acq: 05 Mar 2020 19:33

Tgt Ion:153 Resp: 1486

Ion	Ratio	Lower	Upper
153	100		
152	51.5	40.0	60.0
154	87.6	71.0	106.6

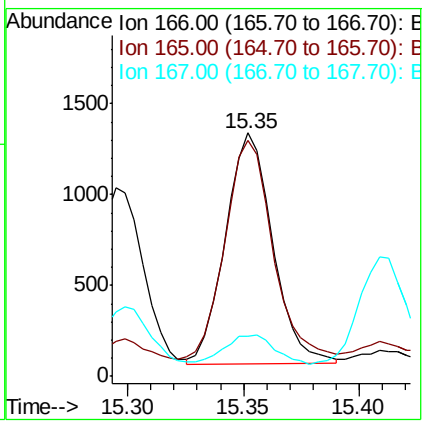




#9
Fluorene
Concen: 0.037 ng/ul
RT: 15.35 min Scan# 4127
Delta R.T. -0.00 min
Lab File: BM025295.D
Acq: 05 Mar 2020 19:33

Tgt Ion:166 Resp: 1806

Ion	Ratio	Lower	Upper
166	100		
165	96.9	80.0	120.0
167	16.5	13.7	20.5



Instrument :
BNA_M
ClientSampleId :
DBDA0

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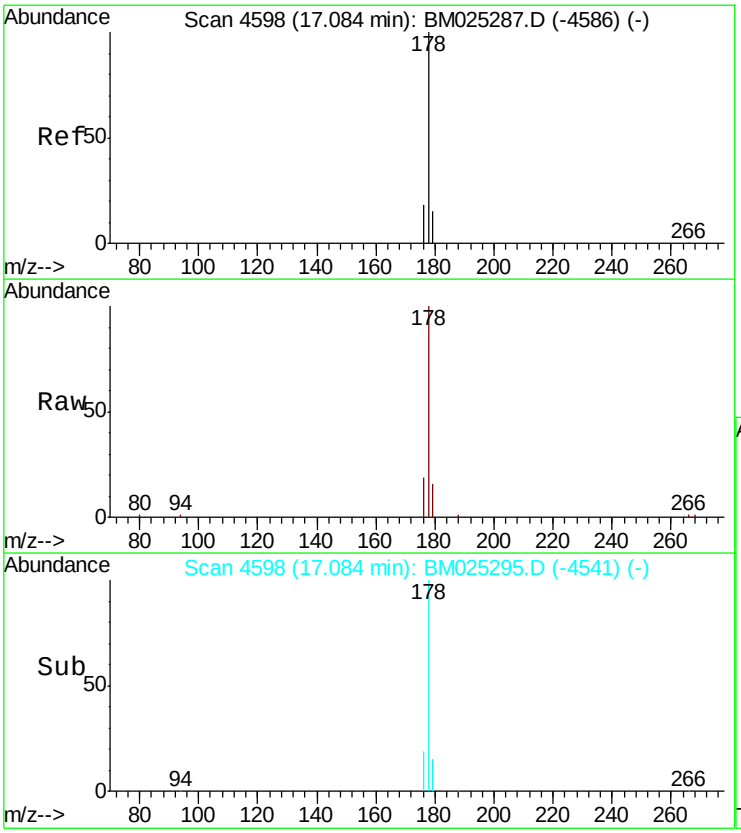
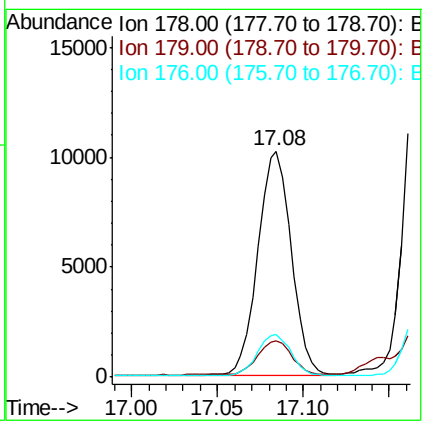
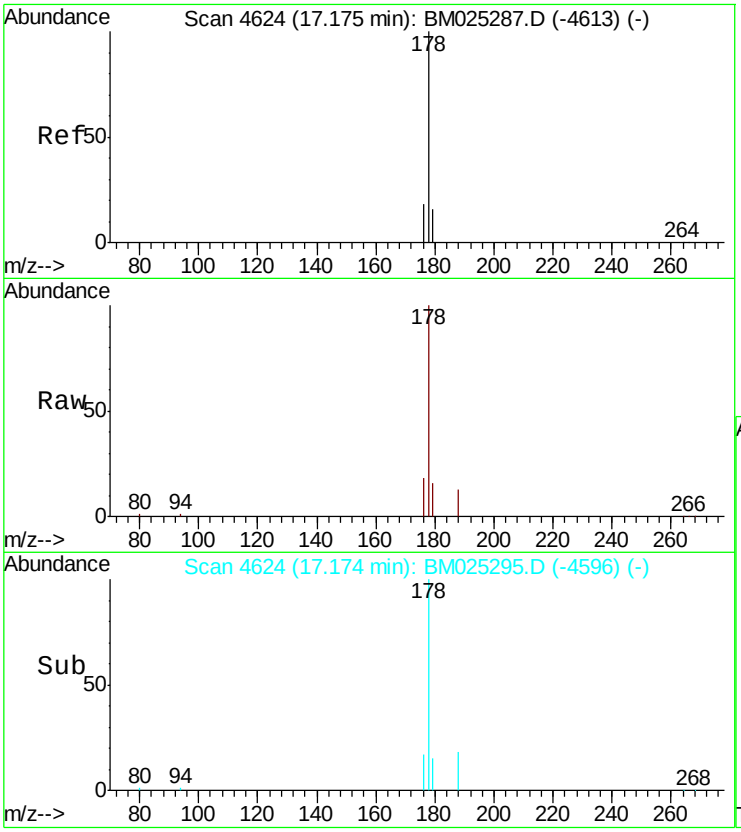


#12
Phenanthrene
Concen: 0.167 ng/ul
RT: 17.08 min Scan# 4598
Delta R.T. -0.00 min
Lab File: BM025295.D
Acq: 05 Mar 2020 19:33

Tgt Ion:178 Resp: 13784

Ion	Ratio	Lower	Upper
178	100		
179	16.1	14.0	21.0
176	19.1	16.6	24.8





#13
Anthracene
Concen: 0.588 ng/ul
RT: 17.17 min Scan# 4624
Delta R.T. -0.00 min
Lab File: BM025295.D
Acq: 05 Mar 2020 19:33

Tgt Ion:178 Resp: 42933

Ion	Ratio	Lower	Upper
178	100		
179	15.5	14.1	21.1
176	18.0	16.2	24.4

Instrument :
BNA_M
ClientSampleId :
DBDA0

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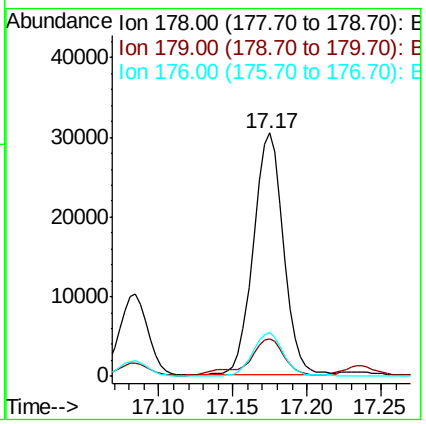
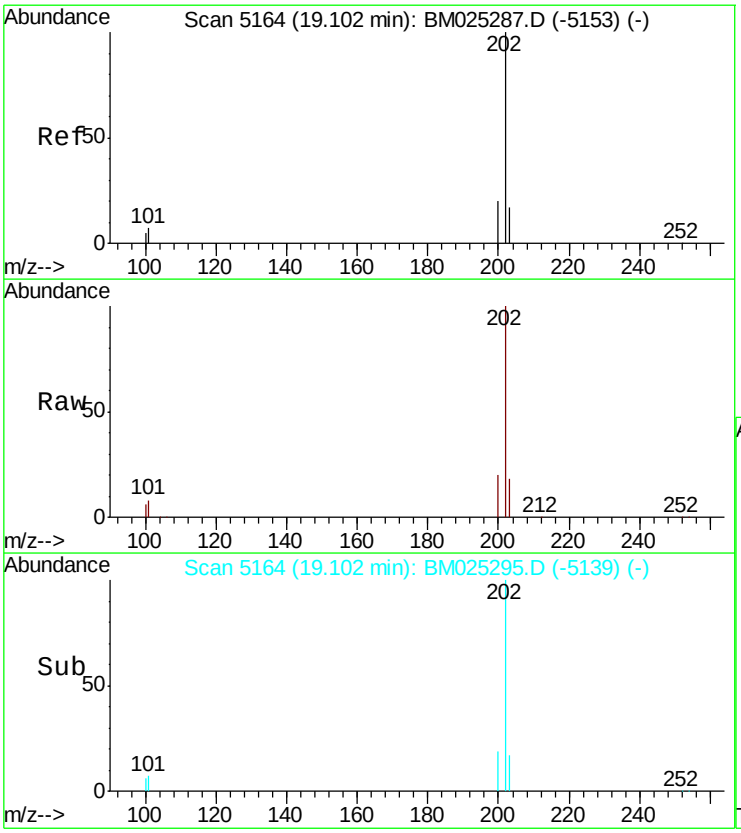
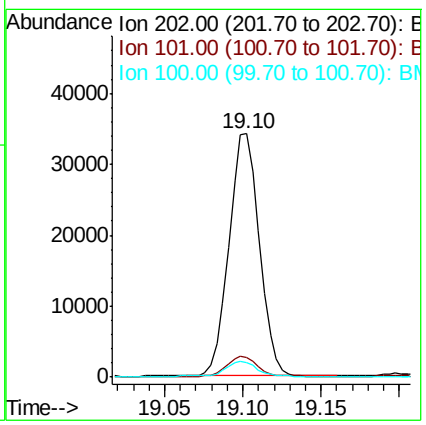


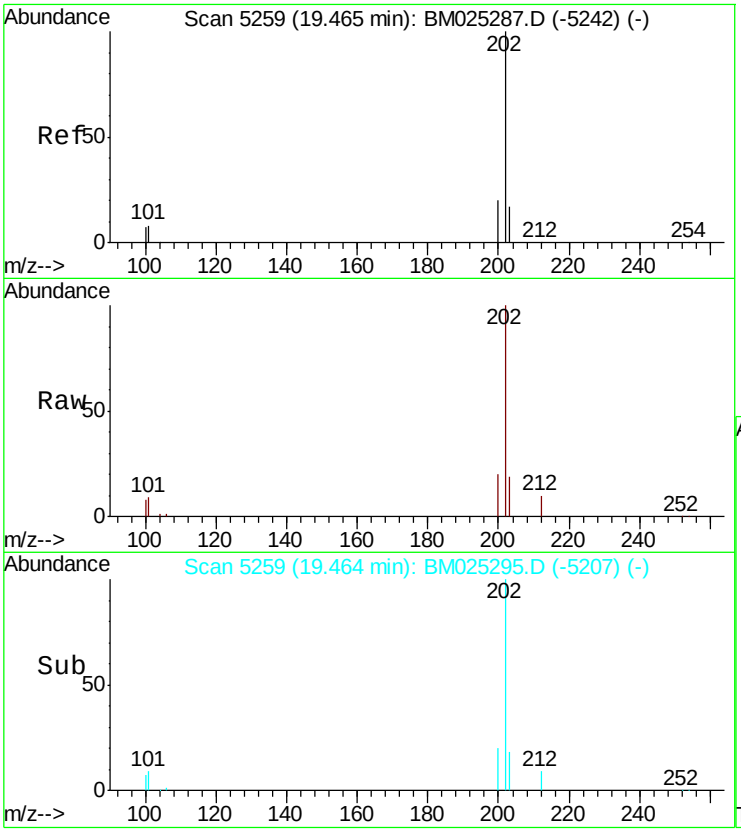


#15
Fluoranthene
Concen: 0.447 ng/ul
RT: 19.10 min Scan# 5164
Delta R.T. -0.00 min
Lab File: BM025295.D
Acq: 05 Mar 2020 19:33

Tgt Ion:202 Resp: 46041

Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	29.4
100	5.8	0.0	28.0





#17
Pyrene
Concen: 0.625 ng/ul
RT: 19.46 min Scan# 5259
Delta R.T. -0.00 min
Lab File: BM025295.D
Acq: 05 Mar 2020 19:33

Tgt Ion:202 Resp: 56941

Ion	Ratio	Lower	Upper
202	100		
101	9.0	8.7	13.1
100	7.5	7.3	10.9

Instrument :
BNA_M
ClientSampleId :
DBDA0

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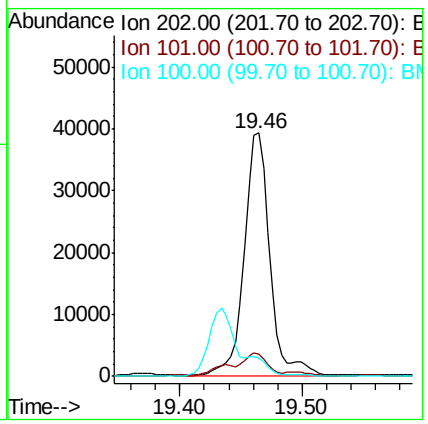
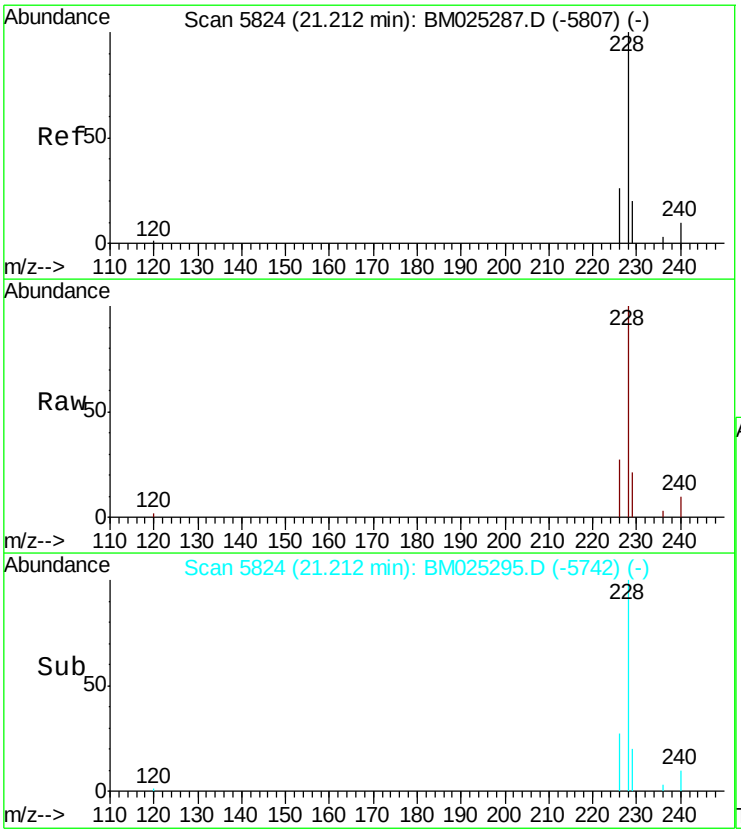
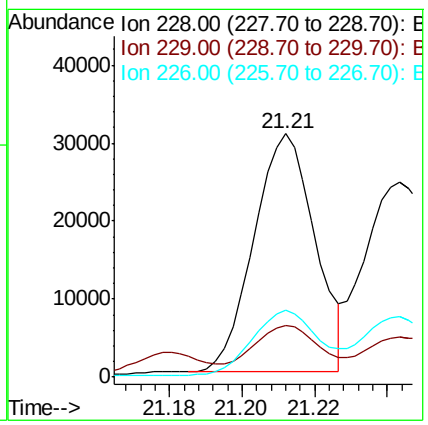


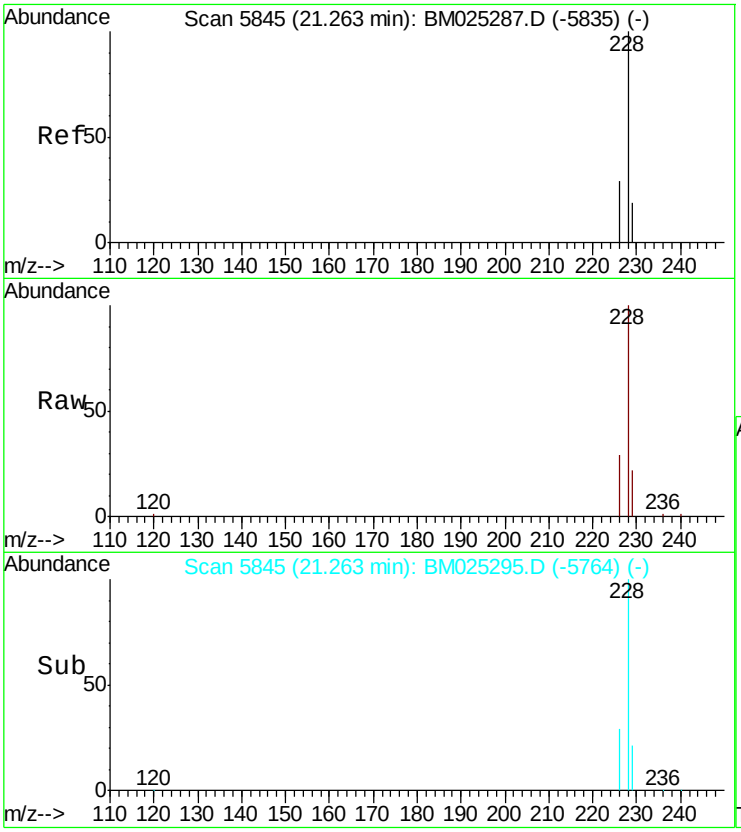


#18
Benzo(a)anthracene
Concen: 0.405 ng/ul
RT: 21.21 min Scan# 5824
Delta R.T. -0.00 min
Lab File: BM025295.D
Acq: 05 Mar 2020 19:33

Tgt Ion:228 Resp: 35734

Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.6	25.0
226	27.3	21.9	32.9

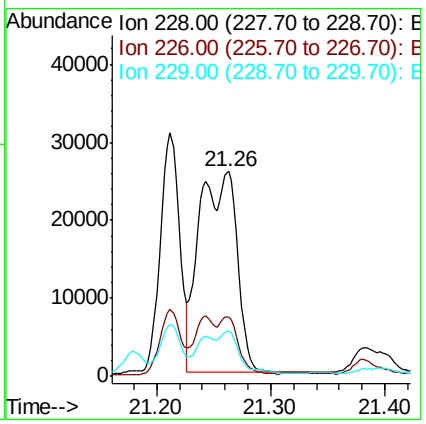




#19
Chrysene
Concen: 0.605 ng/ul
RT: 21.26 min Scan# 5845
Delta R.T. -0.00 min
Lab File: BM025295.D
Acq: 05 Mar 2020 19:33

Tgt Ion:228 Resp: 58717

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.8	35.8
229	21.9	16.9	25.3



Instrument :
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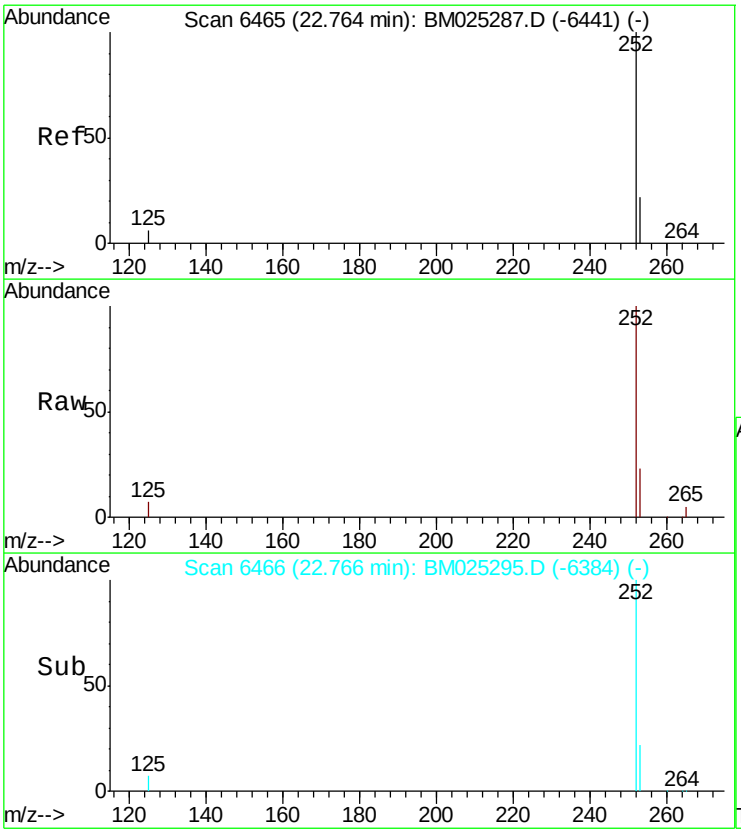
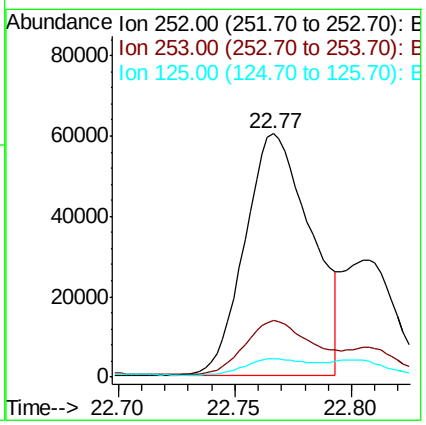
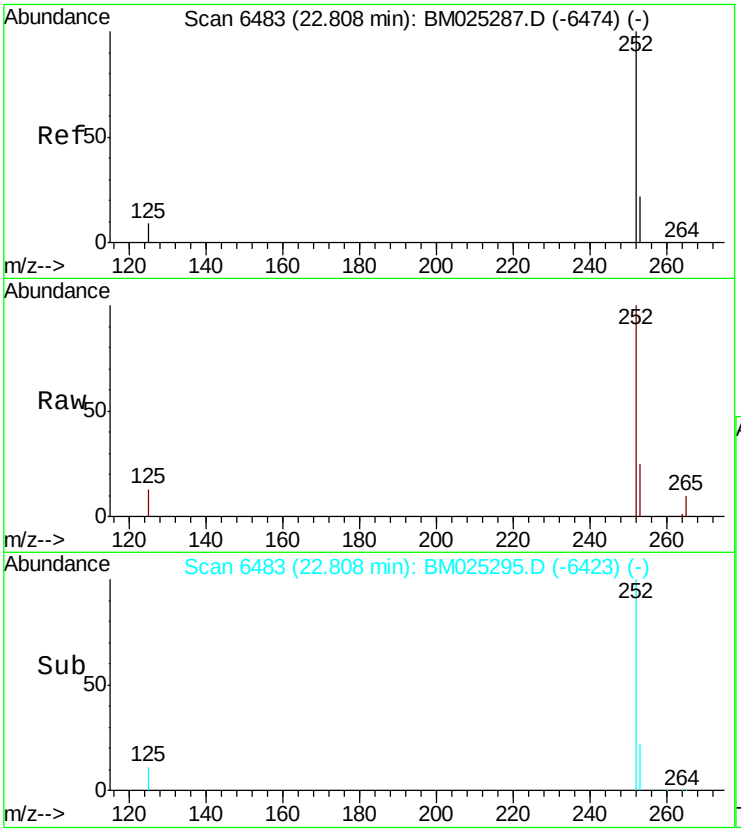


#21
Benzo(b)fluoranthene
Concen: 1.423 ng/ul m
RT: 22.77 min Scan# 6466
Delta R.T. -0.00 min
Lab File: BM025295.D
Acq: 05 Mar 2020 19:33

Tgt Ion:252 Resp: 119543

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	49.8
125	7.4	0.0	28.6

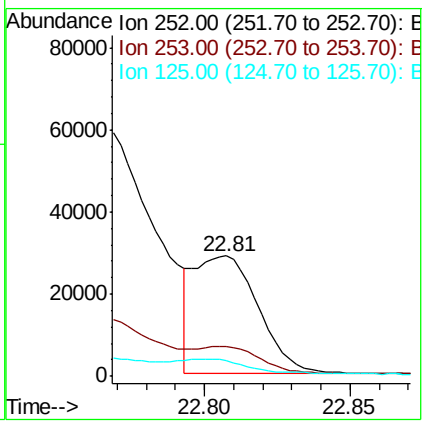




#22
Benzo(k)fluoranthene
Concen: 0.503 ng/ul m
RT: 22.81 min Scan# 6483
Delta R.T. -0.00 min
Lab File: BM025295.D
Acq: 05 Mar 2020 19:33

Tgt Ion:252 Resp: 44349

Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.4	29.0
125	12.9	10.7	16.1



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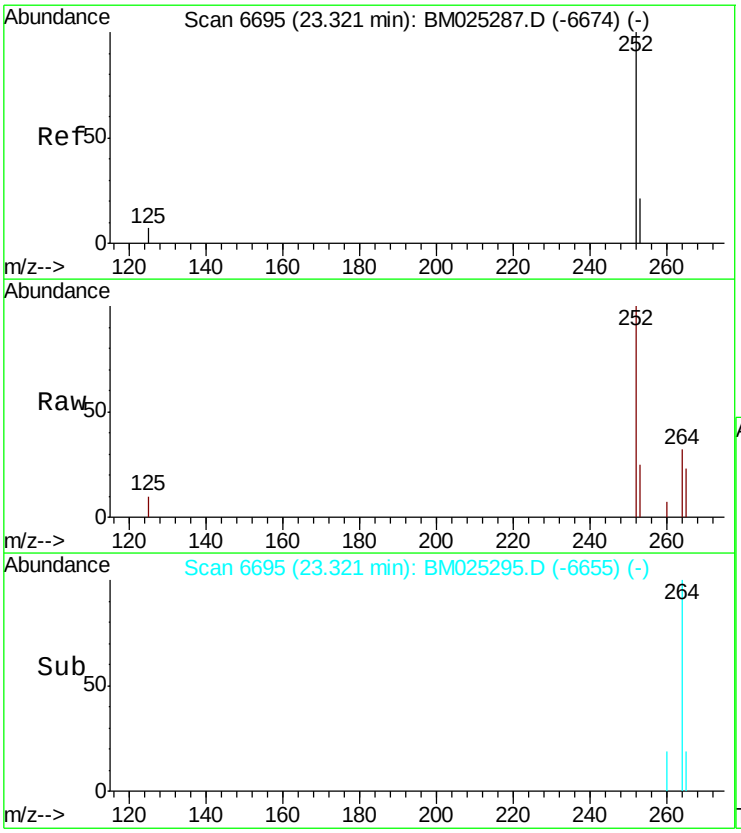
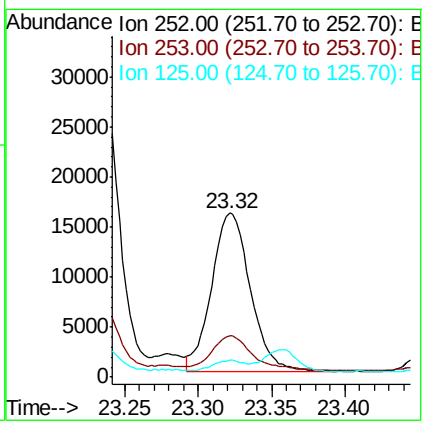
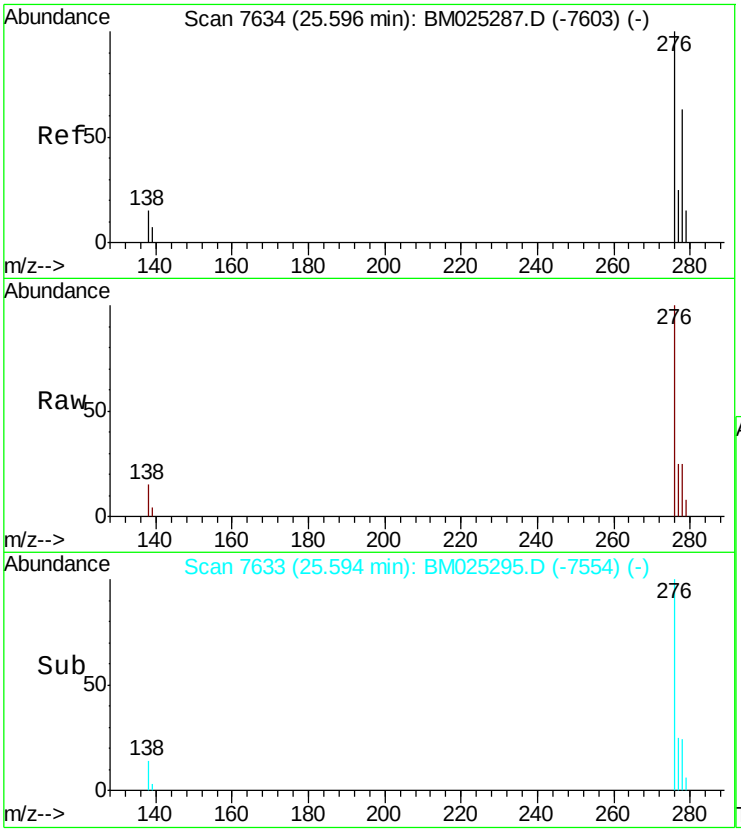


#23
Benzo(a)pyrene
Concen: 0.410 ng/ul
RT: 23.32 min Scan# 6695
Delta R.T. -0.00 min
Lab File: BM025295.D
Acq: 05 Mar 2020 19:33

Tgt Ion:252 Resp: 28884

Ion	Ratio	Lower	Upper
252	100		
253	25.3	20.3	30.5
125	10.1	13.0	19.4#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.342 ng/ul
RT: 25.59 min Scan# 7633
Delta R.T. -0.01 min
Lab File: BM025295.D
Acq: 05 Mar 2020 19:33

Tgt Ion:276 Resp: 30048

Ion	Ratio	Lower	Upper
276	100		
138	14.8	0.0	0.0#
227	0.0	0.0	0.0

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ClientSampleId :
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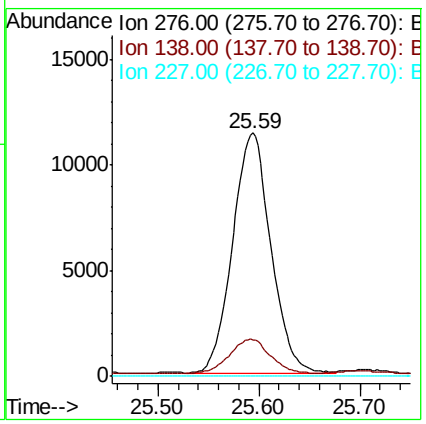
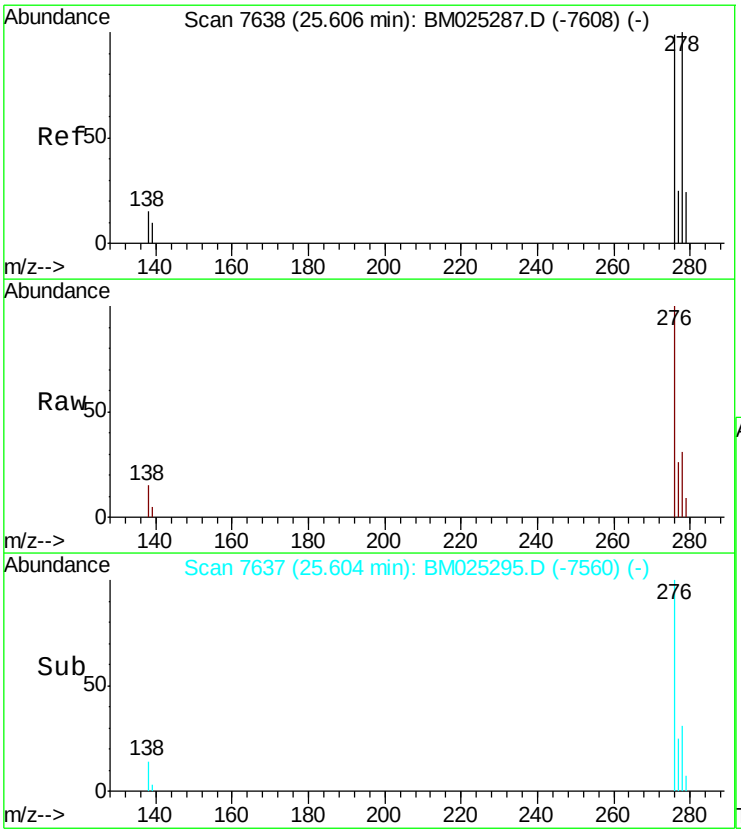
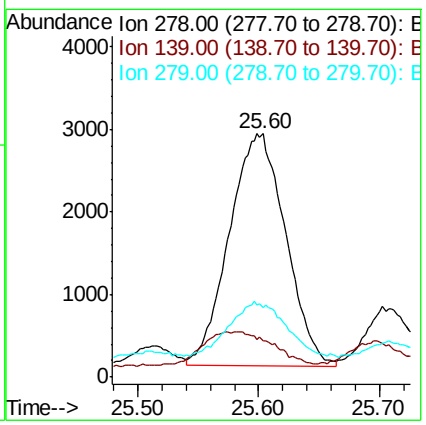


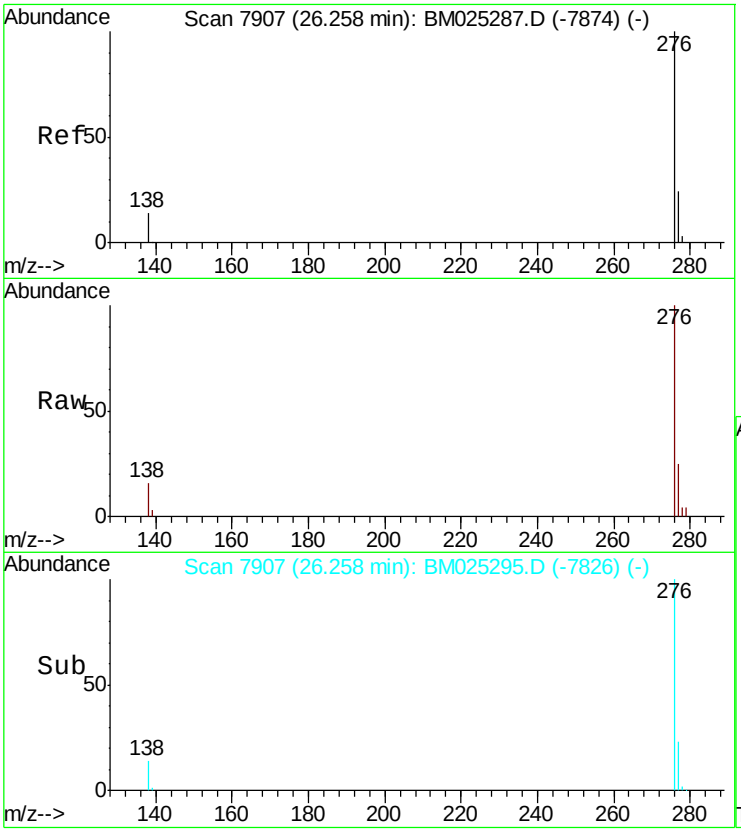


#25
Dibenzo(a,h)anthracene
Concen: 0.125 ng/ul
RT: 25.60 min Scan# 7637
Delta R.T. -0.01 min
Lab File: BM025295.D
Acq: 05 Mar 2020 19:33

Tgt Ion:278 Resp: 9105

Ion	Ratio	Lower	Upper
278	100		
139	14.8	13.2	19.8
279	28.6	21.0	31.4

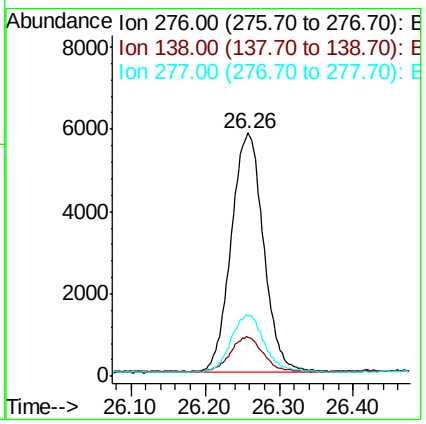




#26
Benzo(g,h,i)perylene
Concen: 0.238 ng/ul
RT: 26.26 min Scan# 7907
Delta R.T. -0.00 min
Lab File: BM025295.D
Acq: 05 Mar 2020 19:33

Tgt Ion:276 Resp: 17784

Ion	Ratio	Lower	Upper
276	100		
138	16.0	17.9	26.9#
277	24.9	20.5	30.7



Instrument :
BNA_M
ClientSampleId :
DBDA0

Manual Integrations APPROVED
mohammad
3/6/2020 10:15:03 PM