Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
Data File : BM025235.D
Acq On : 04 Mar 2020 05:40
Operator : CG/JU
Sample : L1516-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD21

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Quant Time: Mar 04 08:08:08 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	7.68	152	3917	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	16082	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	11776	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	28626	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	28925	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	27801	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	6154	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	19404	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.49	128	1899	0.039	ng/ul#	90
5) 2-Methylnaphthalene	12.11	142	833	0.024	ng/ul	97
8) Acenaphthene	14.37	153	1758	0.041	ng/ul	98
9) Fluorene	15.36	166	1673	0.031	ng/ul	96
12) Phenanthrene	17.09	178	10477	0.113	ng/ul	98
13) Anthracene	17.18	178	2498	0.030	ng/ul	96
15) Fluoranthene	19.11	202	22299	0.193	ng/ul	94
17) Pyrene	19.47	202	24314	0.222	ng/ul#	94
18) Benzo(a)anthracene	21.21	228	12927	0.122	ng/ul	99
19) Chrysene	21.27	228	15640	0.134	ng/ul	100
21) Benzo(b)fluoranthene	22.77	252	17730m	0.159	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	6507m	0.056	ng/ul	
23) Benzo(a)pyrene	23.33	252	6518	0.070	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.60	276	3916	0.034	ng/ul#	100
26) Benzo(g,h,i)perylene	26.27	276	2688	0.027	ng/ul	94

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

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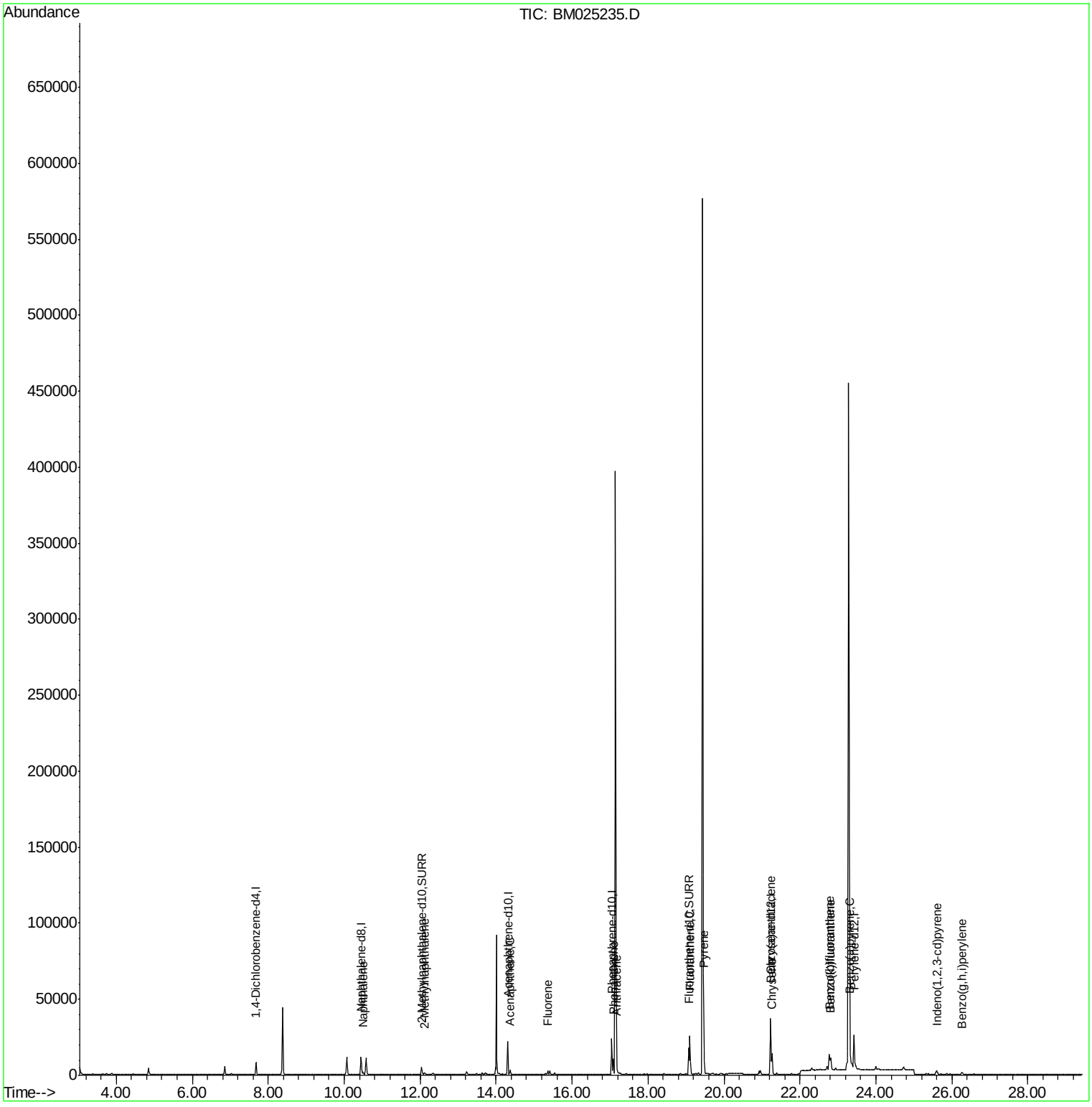

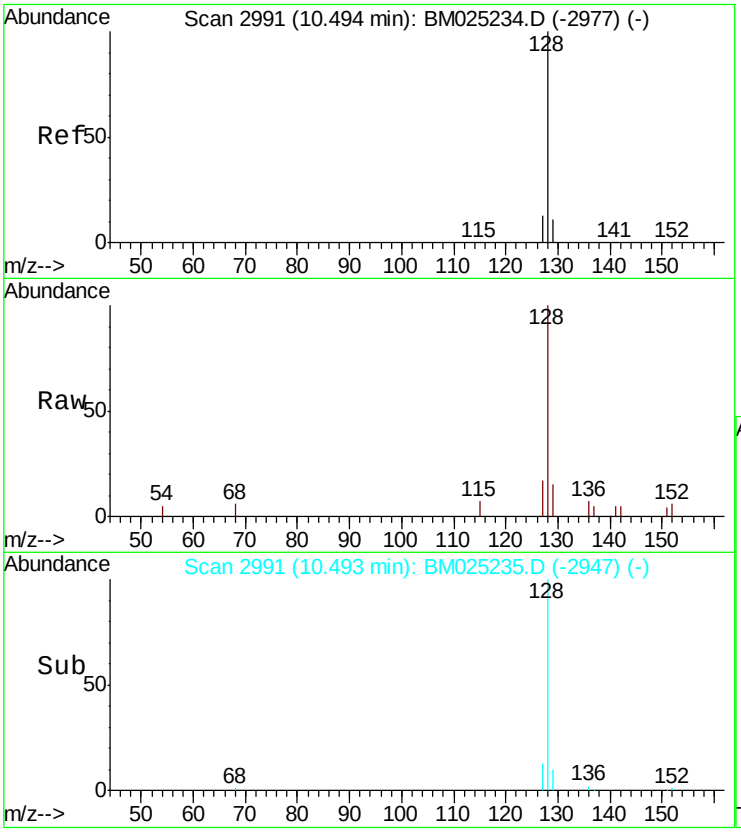

#3
Naphthalene
Concen: 0.039 ng/ul
RT: 10.49 min Scan# 2991
Delta R.T. -0.00 min
Lab File: BM025235.D
Acq: 04 Mar 2020 05:40

Tgt Ion:128 Resp: 1899

Ion	Ratio	Lower	Upper
128	100		
129	15.4	17.0	25.6#
127	16.8	15.7	23.5

Instrument :
BNA_M
ClientSampleId :
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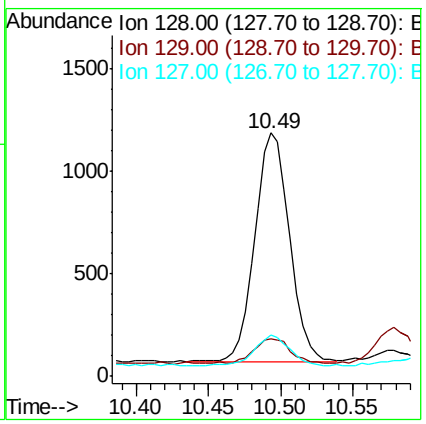
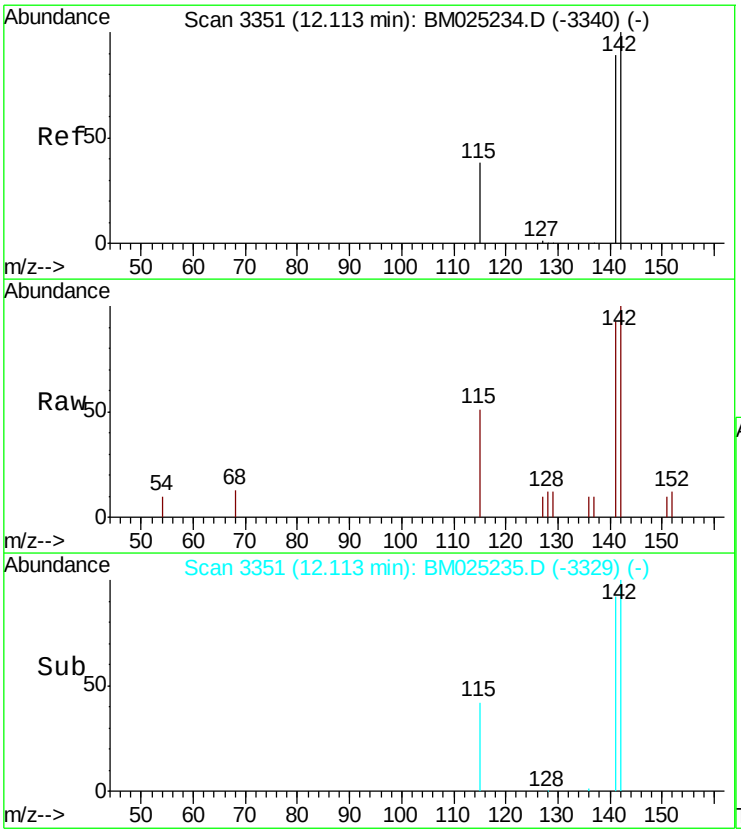
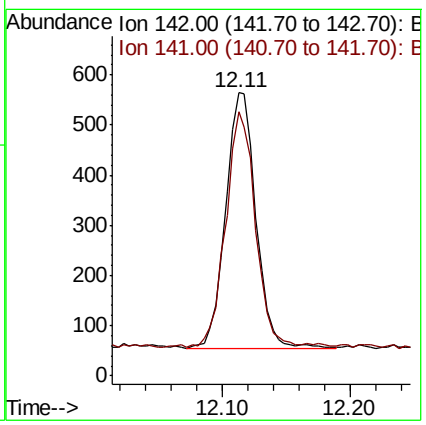


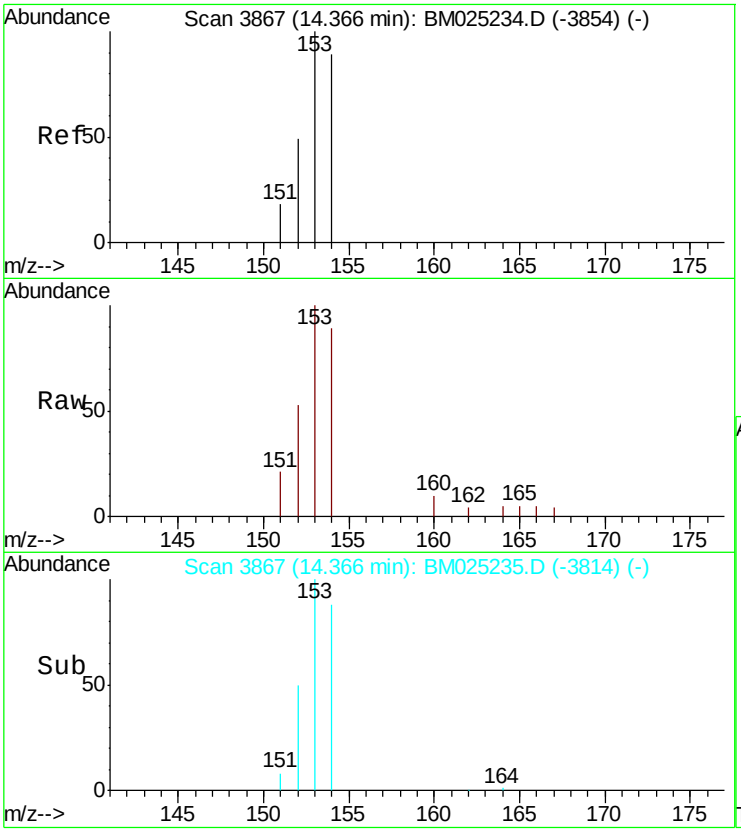


#5
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.11 min Scan# 3351
Delta R.T. -0.00 min
Lab File: BM025235.D
Acq: 04 Mar 2020 05:40

Tgt Ion:142 Resp: 833

Ion	Ratio	Lower	Upper
142	100		
141	90.4	69.8	104.8

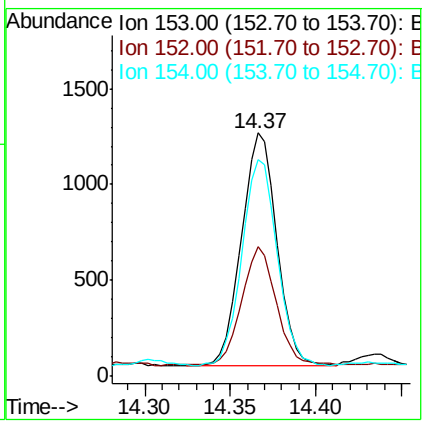




#8
Acenaphthene
Concen: 0.041 ng/ul
RT: 14.37 min Scan# 3867
Delta R.T. -0.00 min
Lab File: BM025235.D
Acq: 04 Mar 2020 05:40

Tgt Ion:153 Resp: 1758

Ion	Ratio	Lower	Upper
153	100		
152	53.3	40.0	60.0
154	89.2	71.0	106.6



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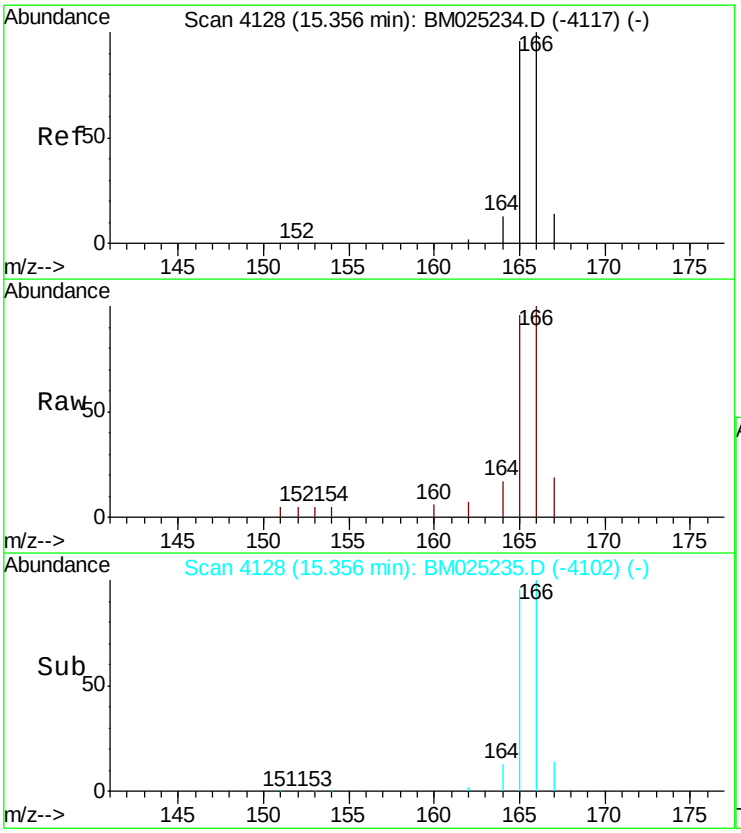
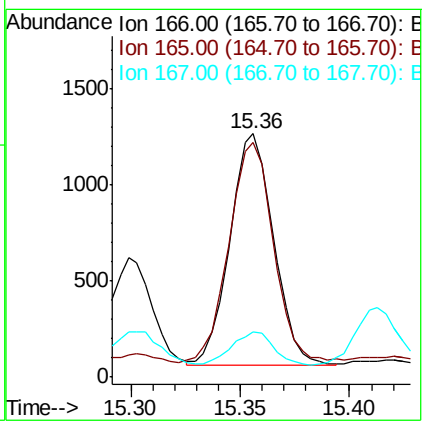
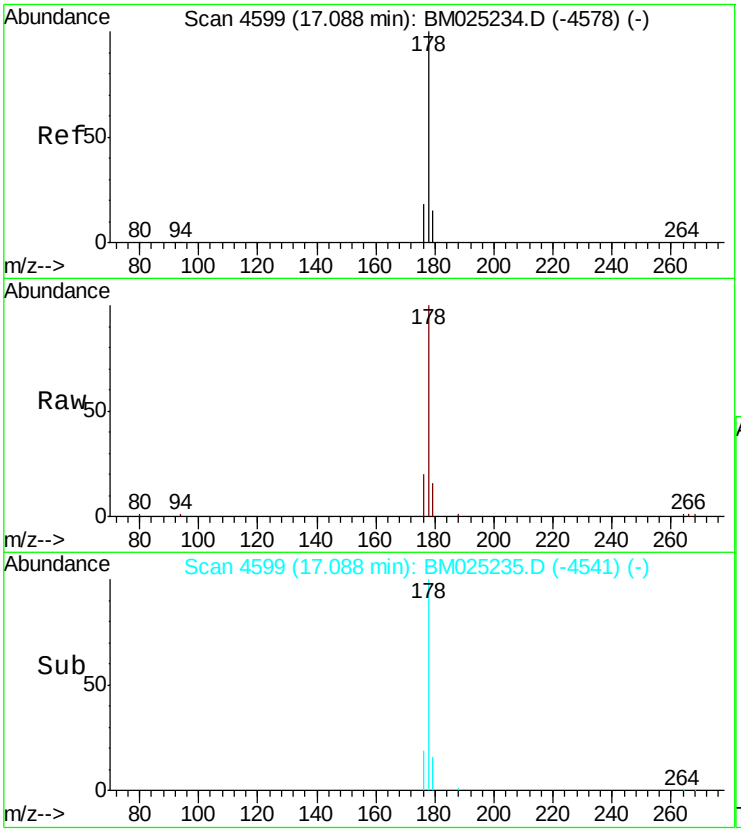


#9
Fluorene
Concen: 0.031 ng/ul
RT: 15.36 min Scan# 4128
Delta R.T. -0.00 min
Lab File: BM025235.D
Acq: 04 Mar 2020 05:40

Tgt Ion:166 Resp: 1673

Ion	Ratio	Lower	Upper
166	100		
165	96.4	80.0	120.0
167	18.7	13.7	20.5

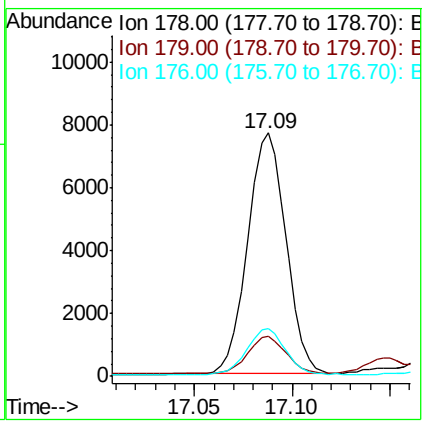




#12
Phenanthrene
Concen: 0.113 ng/ul
RT: 17.09 min Scan# 4599
Delta R.T. -0.00 min
Lab File: BM025235.D
Acq: 04 Mar 2020 05:40

Tgt Ion:178 Resp: 10477

Ion	Ratio	Lower	Upper
178	100		
179	16.4	14.0	21.0
176	19.6	16.6	24.8



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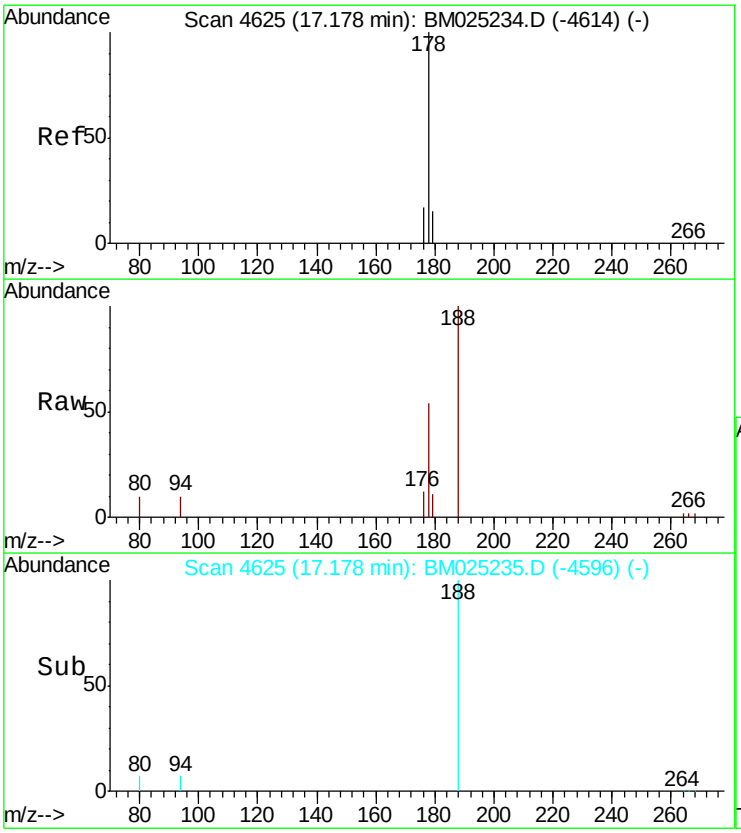
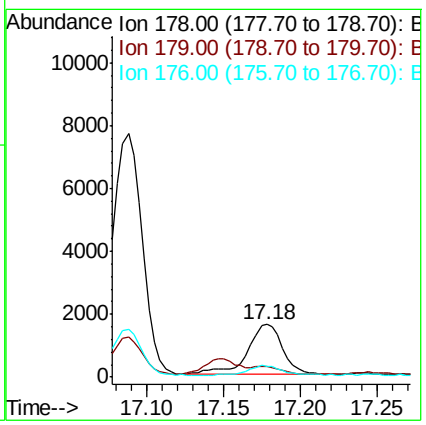
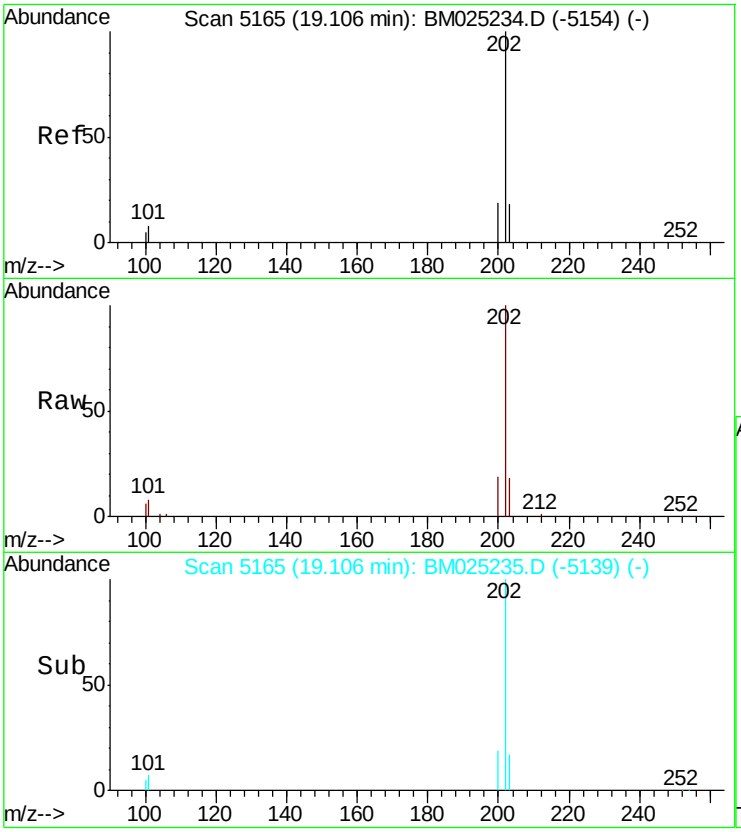


#13
Anthracene
Concen: 0.030 ng/ul
RT: 17.18 min Scan# 4625
Delta R.T. -0.00 min
Lab File: BM025235.D
Acq: 04 Mar 2020 05:40

Tgt Ion:178 Resp: 2498

Ion	Ratio	Lower	Upper
178	100		
179	20.0	14.1	21.1
176	21.3	16.2	24.4

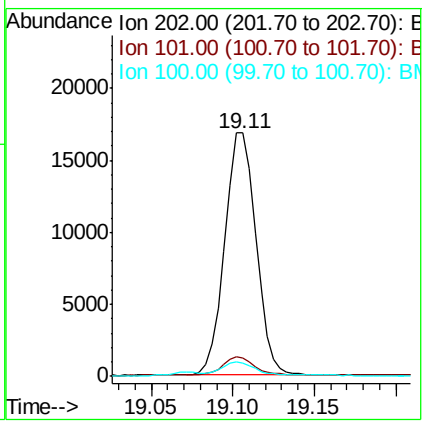




#15
Fluoranthene
Concen: 0.193 ng/ul
RT: 19.11 min Scan# 5165
Delta R.T. 0.00 min
Lab File: BM025235.D
Acq: 04 Mar 2020 05:40

Tgt Ion:202 Resp: 22299

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	29.4
100	5.6	0.0	28.0



Instrument :
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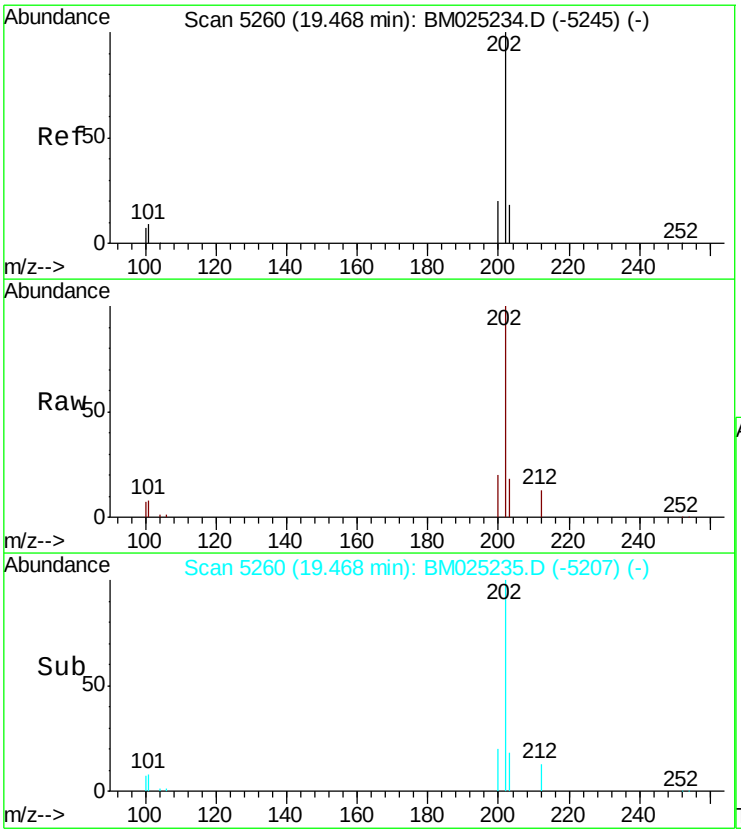
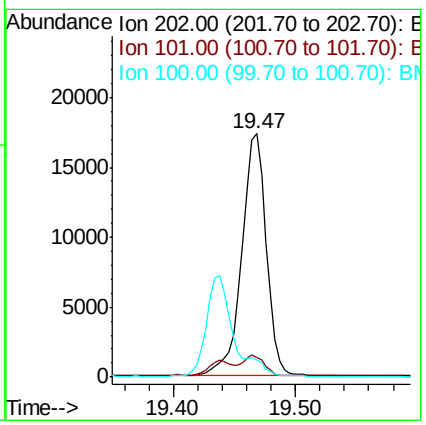
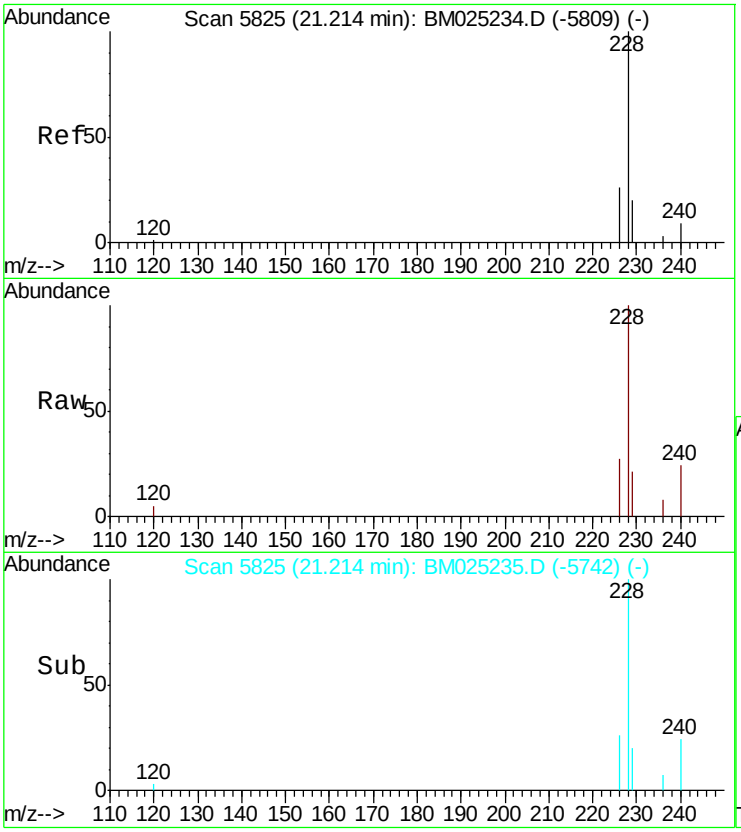


#17
Pyrene
Concen: 0.222 ng/ul
RT: 19.47 min Scan# 5260
Delta R.T. 0.00 min
Lab File: BM025235.D
Acq: 04 Mar 2020 05:40

Tgt Ion:202 Resp: 24314

Ion	Ratio	Lower	Upper
202	100		
101	8.2	8.7	13.1#
100	7.1	7.3	10.9#

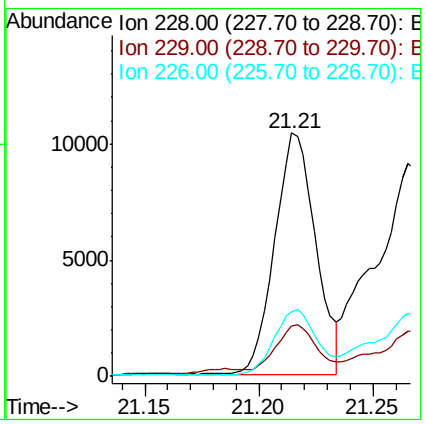




#18
Benzo(a)anthracene
Concen: 0.122 ng/ul
RT: 21.21 min Scan# 5825
Delta R.T. 0.00 min
Lab File: BM025235.D
Acq: 04 Mar 2020 05:40

Tgt Ion:228 Resp: 12927

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.6	25.0
226	26.6	21.9	32.9



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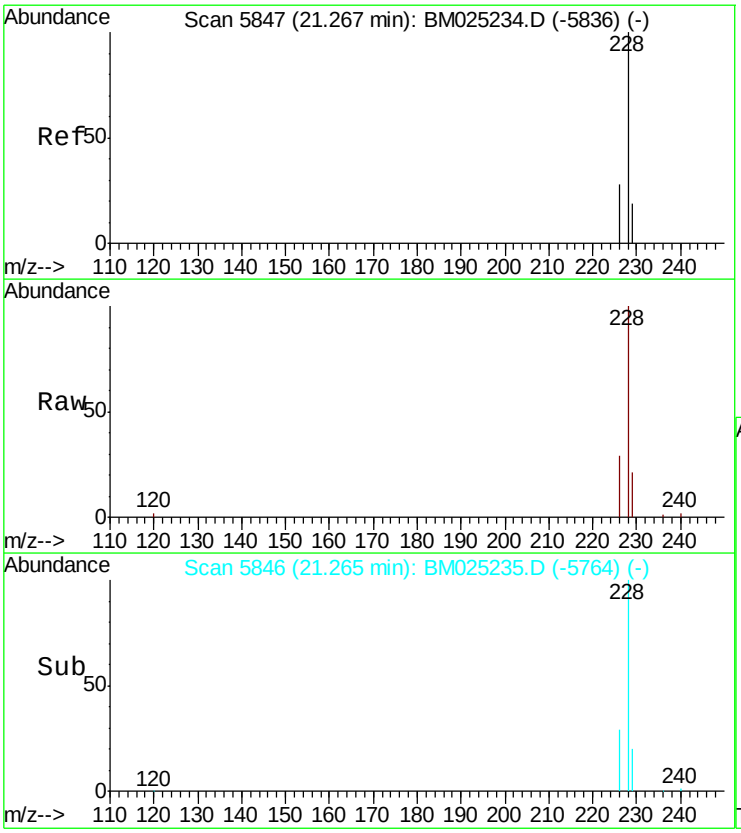
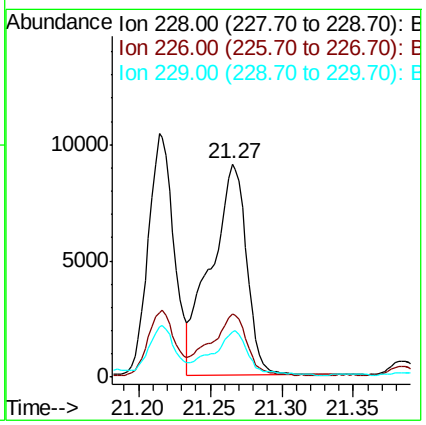
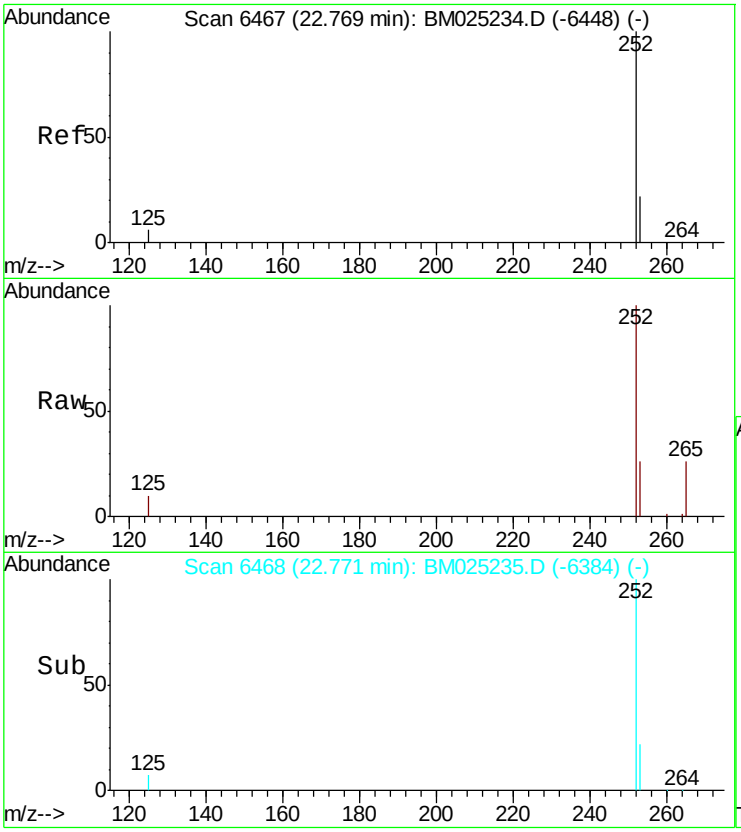


#19
Chrysene
Concen: 0.134 ng/ul
RT: 21.27 min Scan# 5846
Delta R.T. -0.00 min
Lab File: BM025235.D
Acq: 04 Mar 2020 05:40

Tgt Ion:228 Resp: 15640

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.8
229	20.9	16.9	25.3

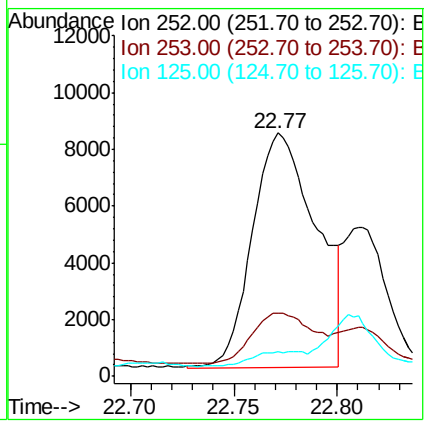




#21
Benzo(b)fluoranthene
Concen: 0.159 ng/ul m
RT: 22.77 min Scan# 6468
Delta R.T. 0.00 min
Lab File: BM025235.D
Acq: 04 Mar 2020 05:40

Tgt Ion:252 Resp: 17730

Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	49.8
125	10.3	0.0	28.6



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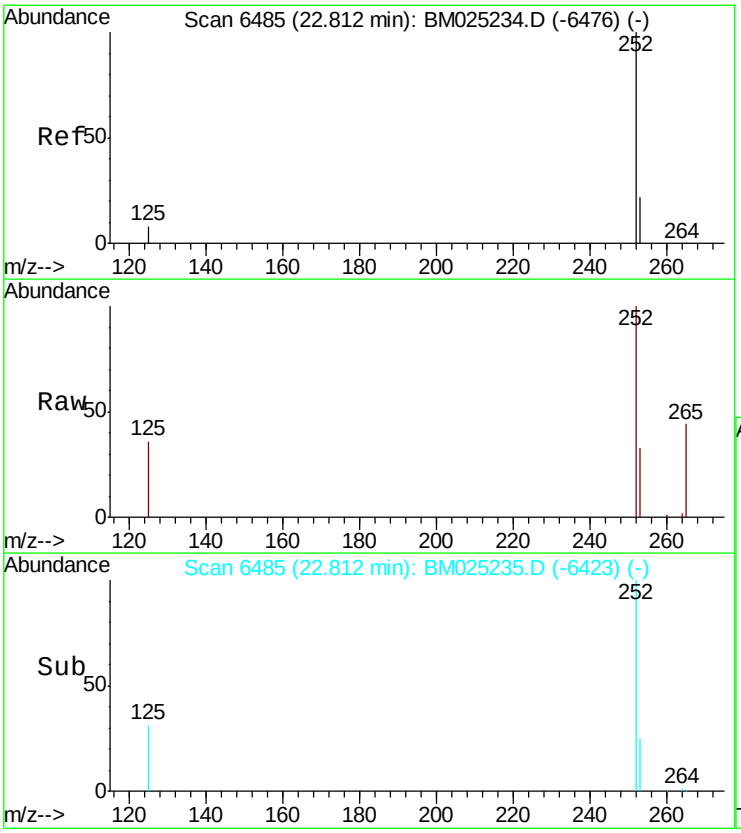
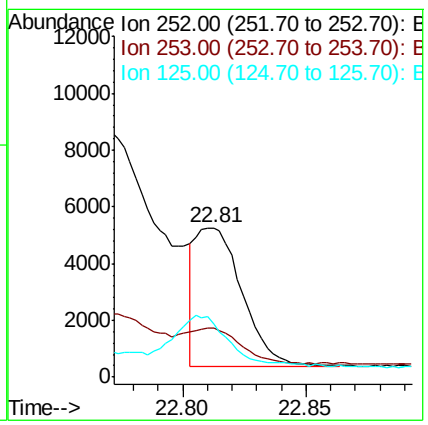
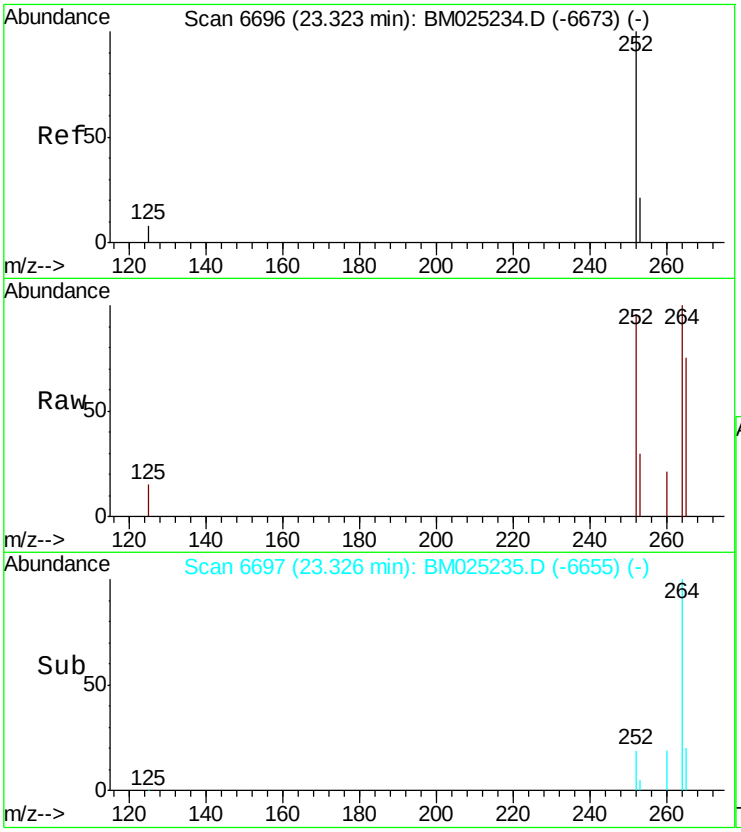


#22
Benzo(k)fluoranthene
Concen: 0.056 ng/ul m
RT: 22.81 min Scan# 6485
Delta R.T. 0.00 min
Lab File: BM025235.D
Acq: 04 Mar 2020 05:40

Tgt Ion:252 Resp: 6507

Ion	Ratio	Lower	Upper
252	100		
253	32.6	19.4	29.0#
125	35.5	10.7	16.1#





#23
Benzo(a)pyrene
Concen: 0.070 ng/ul
RT: 23.33 min Scan# 6697
Delta R.T. 0.00 min
Lab File: BM025235.D
Acq: 04 Mar 2020 05:40

Tgt Ion:252 Resp: 6518

Ion	Ratio	Lower	Upper
252	100		
253	31.7	20.3	30.5#
125	15.3	13.0	19.4

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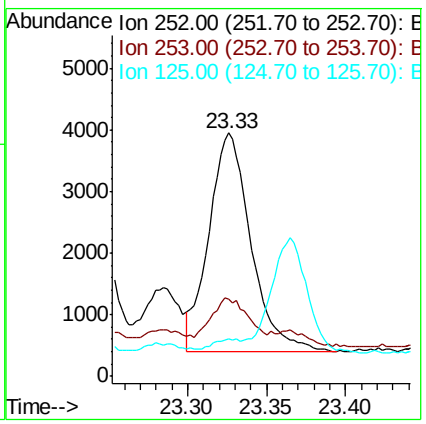
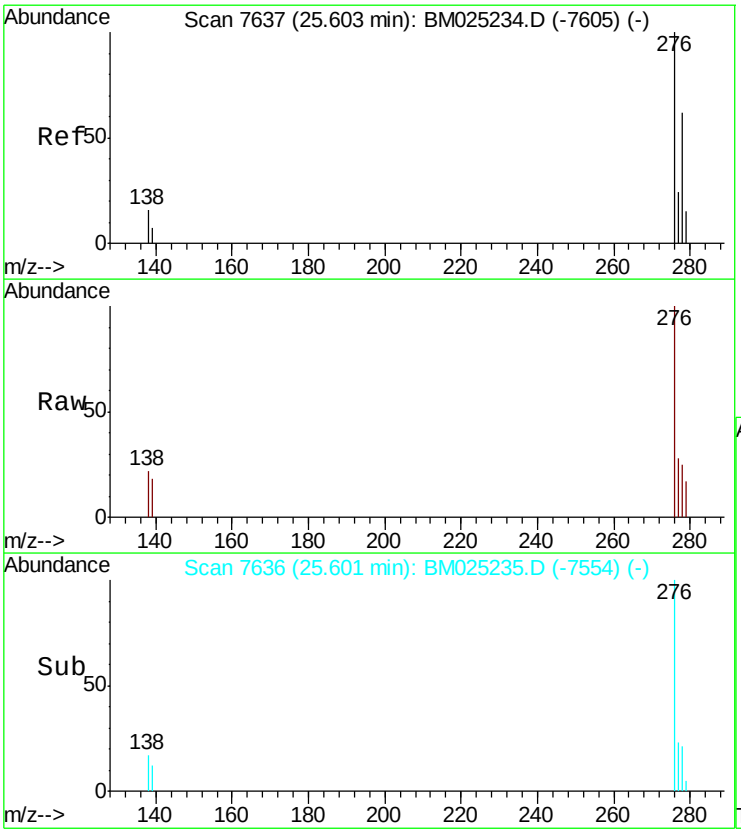
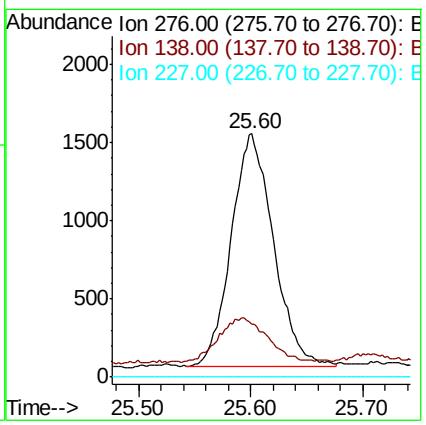


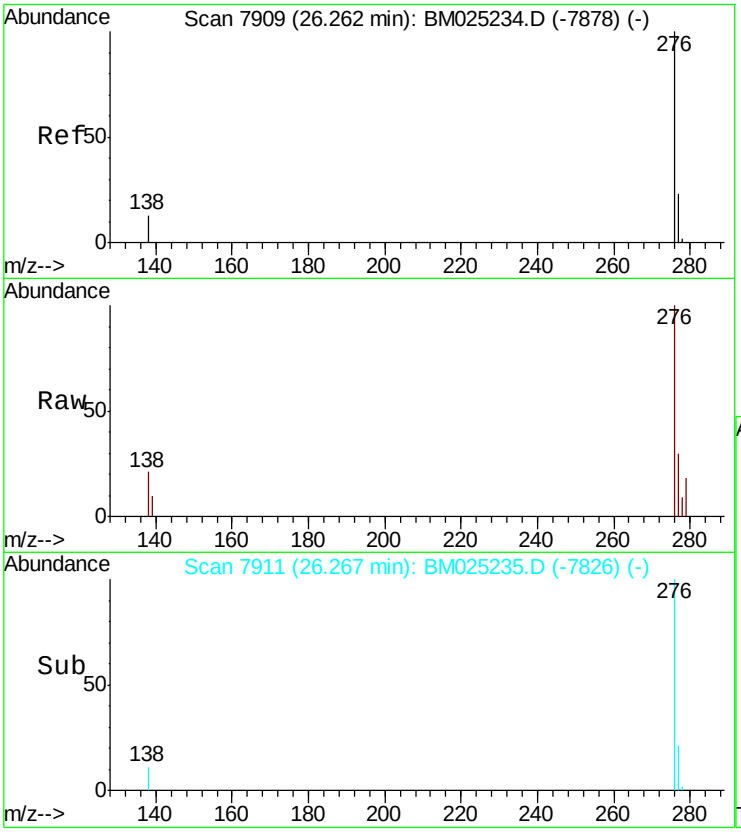


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.034 ng/ul
RT: 25.60 min Scan# 7636
Delta R.T. -0.00 min
Lab File: BM025235.D
Acq: 04 Mar 2020 05:40

Tgt Ion:276 Resp: 3916

Ion	Ratio	Lower	Upper
276	100		
138	21.9	0.0	0.0#
227	0.0	0.0	0.0

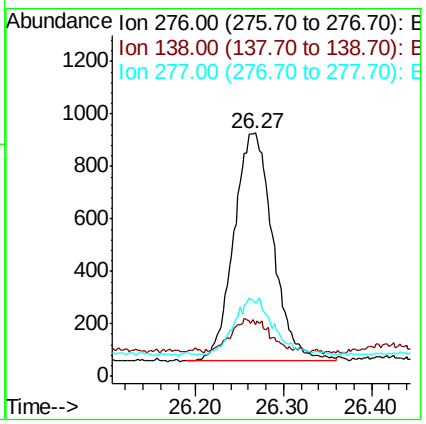




#26
Benzo(g,h,i)perylene
Concen: 0.027 ng/ul
RT: 26.27 min Scan# 7911
Delta R.T. 0.01 min
Lab File: BM025235.D
Acq: 04 Mar 2020 05:40

Tgt Ion:276 Resp: 2688

Ion	Ratio	Lower	Upper
276	100		
138	21.4	17.9	26.9
277	30.1	20.5	30.7



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