Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022820\
Data File : BM025143.D
Acq On : 28 Feb 2020 21:09
Operator : CG/JU
Sample : L1507-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 29 05:34:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 29 04:43:59 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : DBD07

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	2768	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	10710	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	6840	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	15587m	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	16129	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	18409	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	5936	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	15994	0.30	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.51	128	3258	0.100	ng/ul#	88
5) 2-Methylnaphthalene	12.12	142	2139	0.091	ng/ul	99
7) Acenaphthylene	14.03	152	2013	0.051	ng/ul#	93
8) Acenaphthene	14.38	153	6556	0.247	ng/ul	98
9) Fluorene	15.36	166	6221	0.187	ng/ul	96
11) Pentachlorophenol	16.71	266	682	0.143	ng/ul	98
12) Phenanthrene	17.09	178	37265	0.680	ng/ul	96
13) Anthracene	17.19	178	3602	0.068	ng/ul	97
15) Fluoranthene	19.11	202	72687	0.913	ng/ul	95
17) Pyrene	19.48	202	58141	0.800	ng/ul#	95
18) Benzo(a)anthracene	21.22	228	4349	0.062	ng/ul	96
19) Chrysene	21.25	228	7298	0.105	ng/ul	98
21) Benzo(b)fluoranthene	22.78	252	5518m	0.076	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	1962m	0.027	ng/ul	

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

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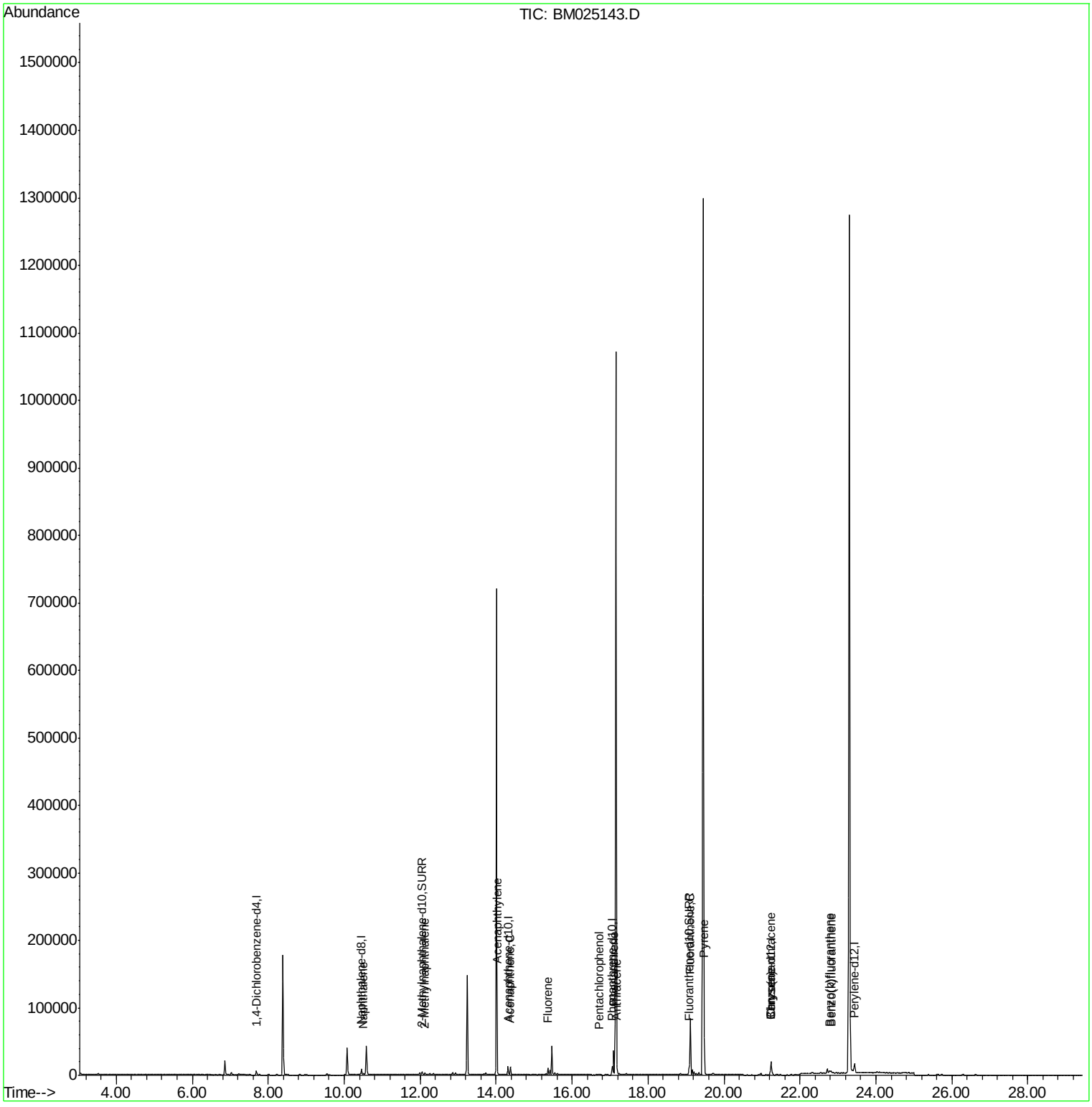

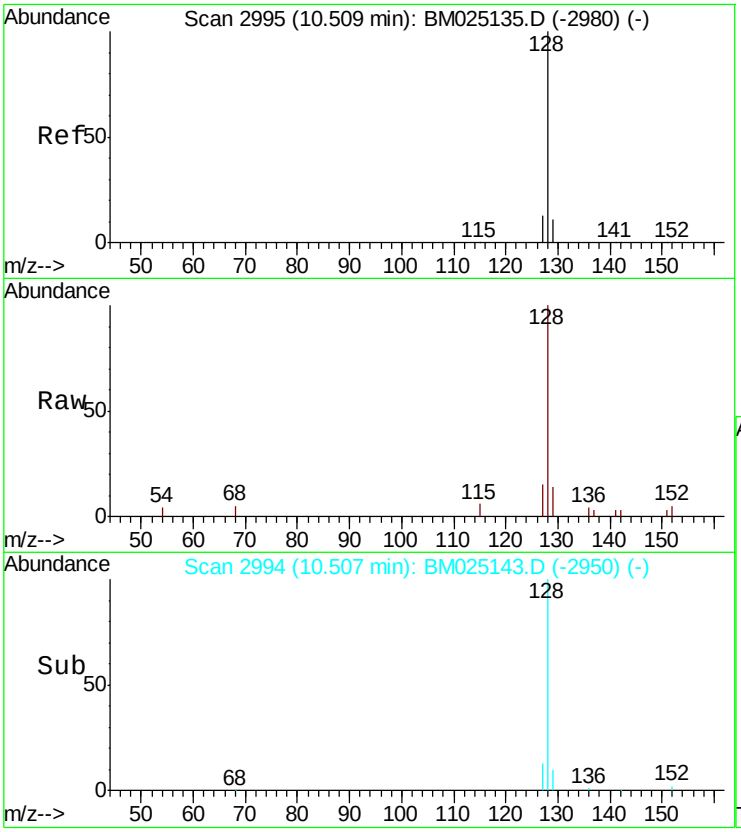

#3
Naphthalene
Concen: 0.100 ng/ul
RT: 10.51 min Scan# 2994
Delta R.T. -0.00 min
Lab File: BM025143.D
Acq: 28 Feb 2020 21:09

Tgt Ion:128 Resp: 3258

Ion	Ratio	Lower	Upper
128	100		
129	14.3	17.0	25.6#
127	15.2	15.7	23.5#

Instrument :
BNA_M
ClientSampleId :
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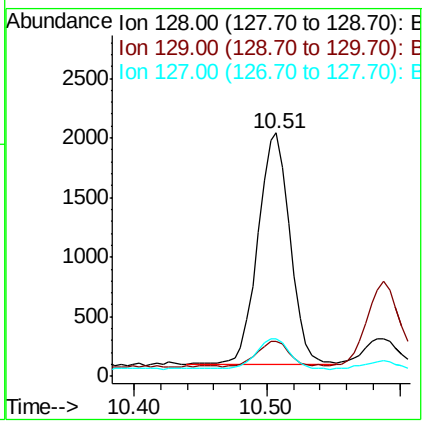
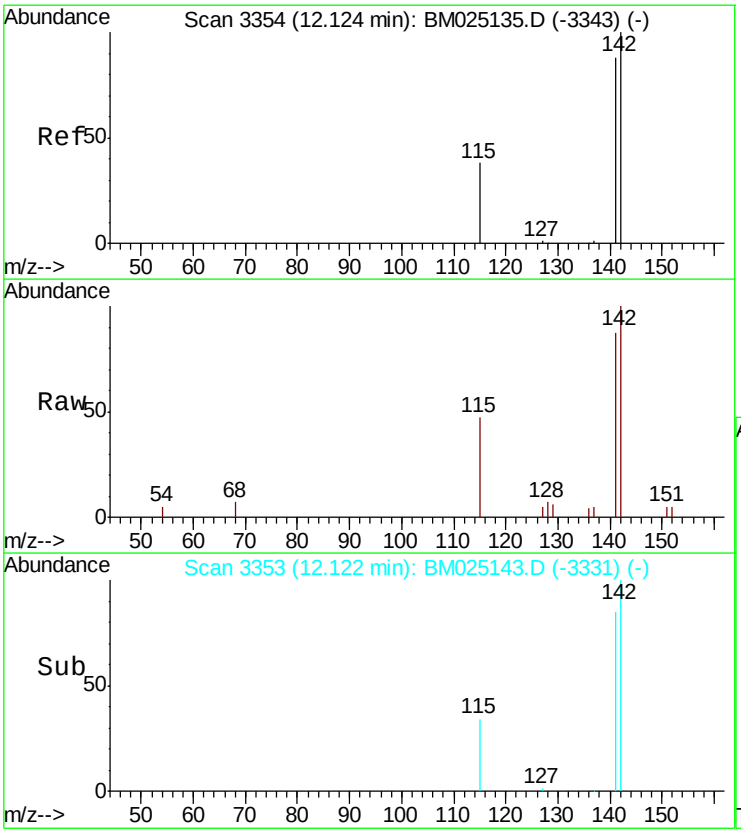
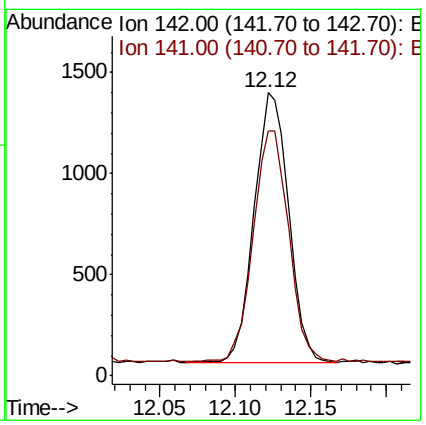


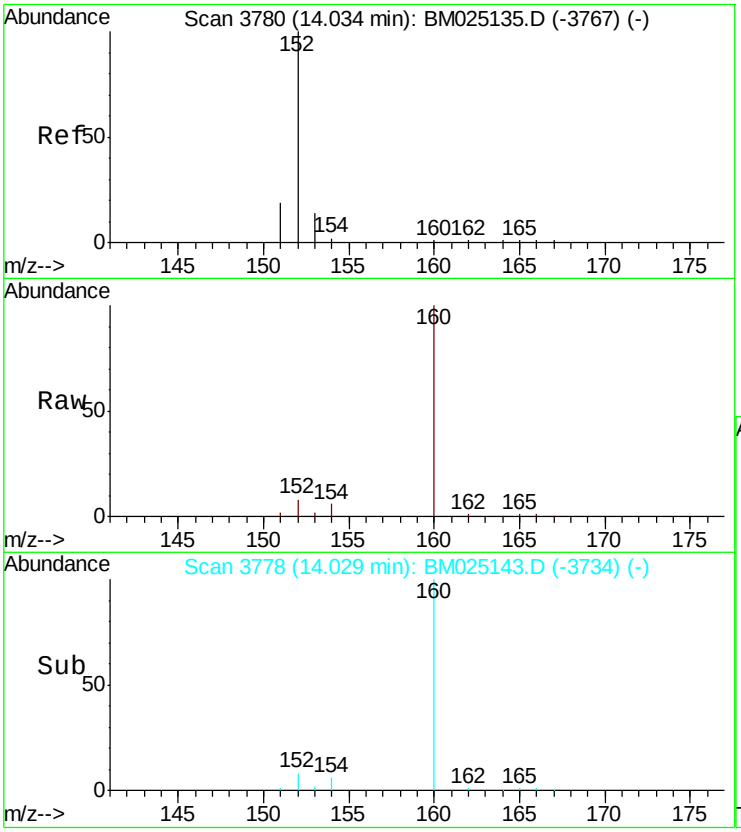


#5
2-Methylnaphthalene
Concen: 0.091 ng/ul
RT: 12.12 min Scan# 3353
Delta R.T. -0.00 min
Lab File: BM025143.D
Acq: 28 Feb 2020 21:09

Tgt Ion:142 Resp: 2139

Ion	Ratio	Lower	Upper
142	100		
141	88.0	69.8	104.8





#7
Acenaphthylene
Concen: 0.051 ng/ul
RT: 14.03 min Scan# 3778
Delta R.T. -0.01 min
Lab File: BM025143.D
Acq: 28 Feb 2020 21:09

Tgt Ion:152 Resp: 2013

Ion	Ratio	Lower	Upper
152	100		
151	24.6	17.8	26.8
153	20.9	13.3	19.9#

Instrument :
BNA_M
ClientSampleId :
DBD07

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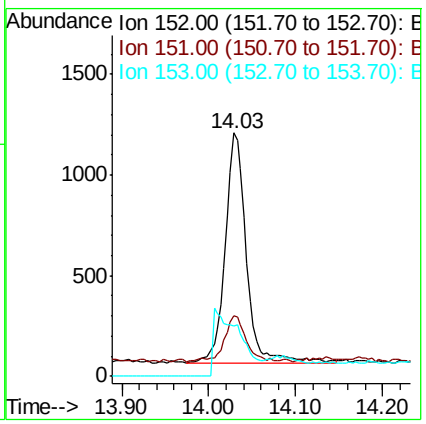
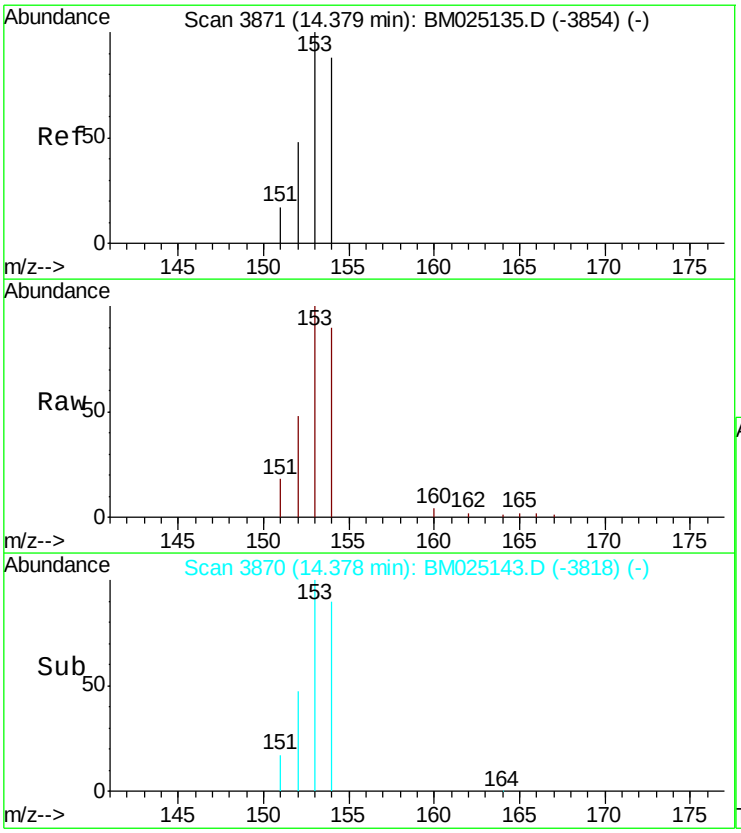
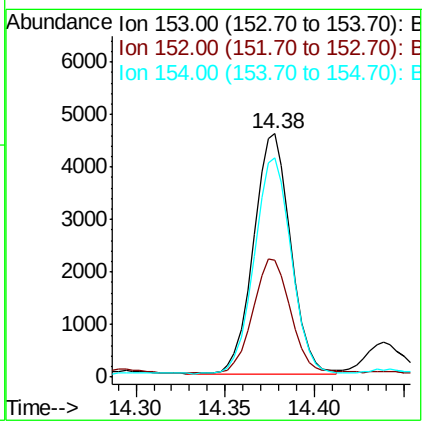


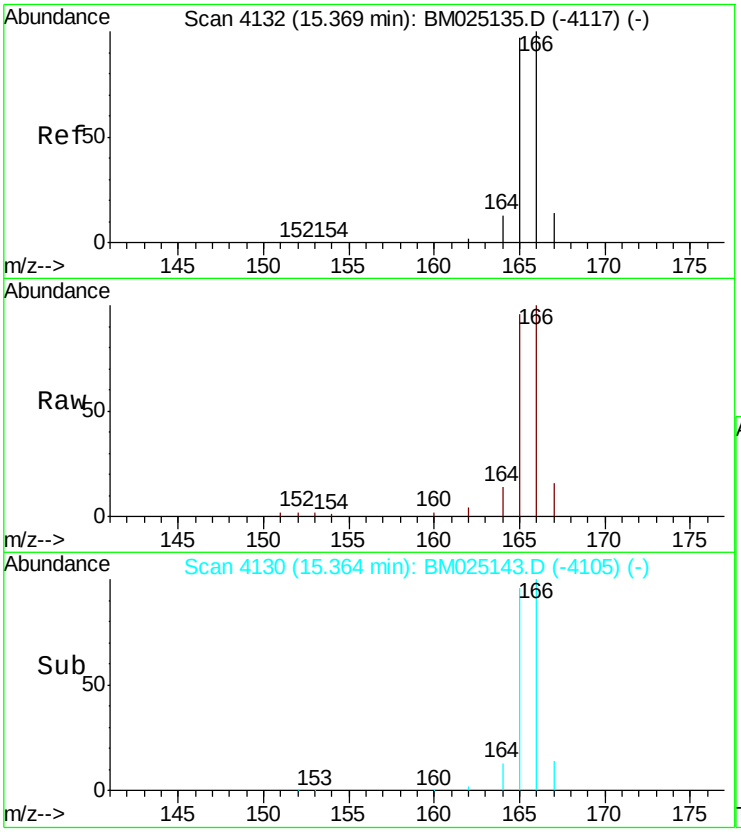


#8
Acenaphthene
Concen: 0.247 ng/ul
RT: 14.38 min Scan# 3870
Delta R.T. -0.00 min
Lab File: BM025143.D
Acq: 28 Feb 2020 21:09

Tgt Ion:153 Resp: 6556

Ion	Ratio	Lower	Upper
153	100		
152	48.2	40.0	60.0
154	90.0	71.0	106.6

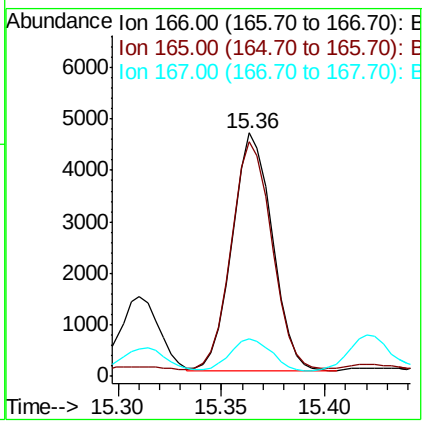




#9
Fluorene
Concen: 0.187 ng/ul
RT: 15.36 min Scan# 4130
Delta R.T. -0.01 min
Lab File: BM025143.D
Acq: 28 Feb 2020 21:09

Tgt Ion:166 Resp: 6221

Ion	Ratio	Lower	Upper
166	100		
165	96.3	80.0	120.0
167	15.7	13.7	20.5



Instrument :
BNA_M
ClientSampleId :
DBD07

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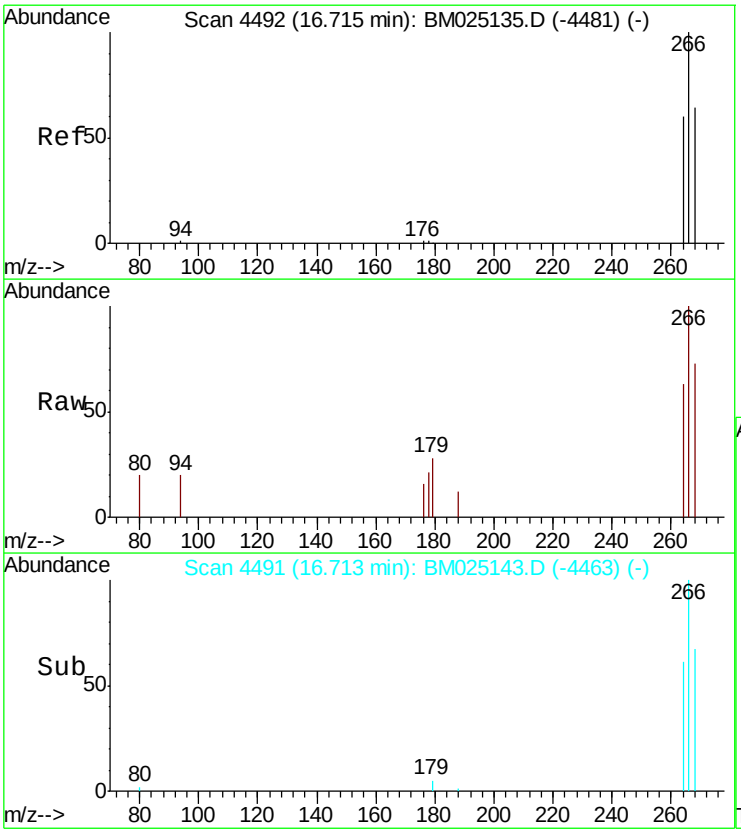
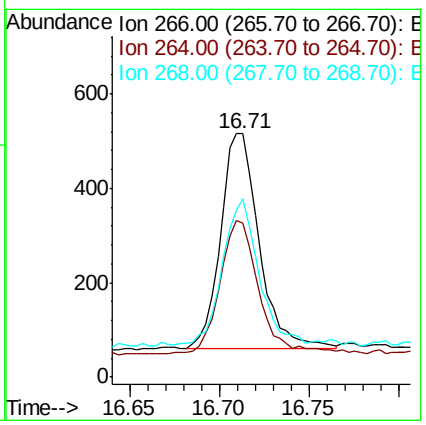
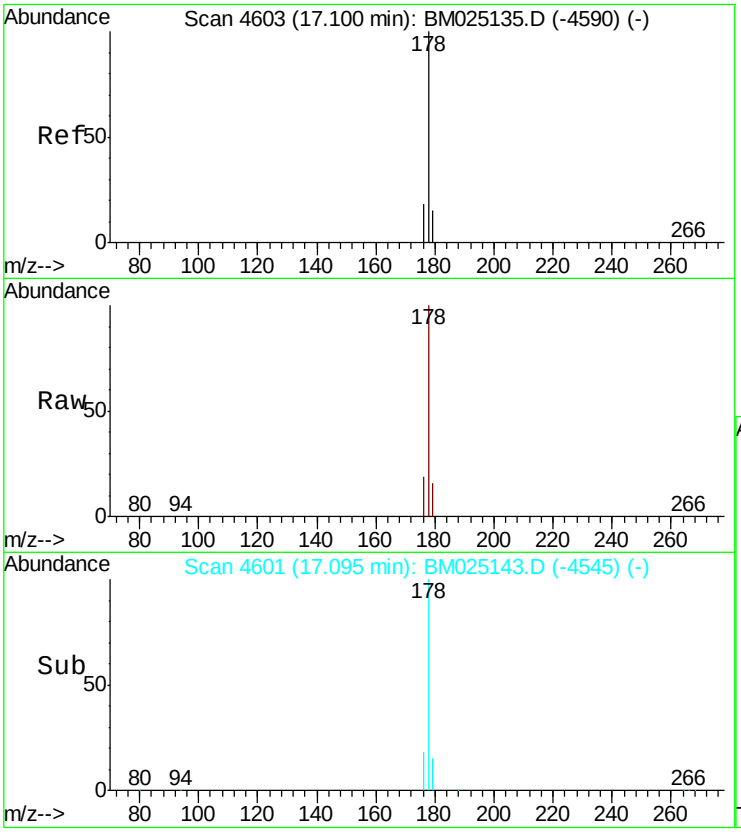


#11
Pentachlorophenol
Concen: 0.143 ng/ul
RT: 16.71 min Scan# 4491
Delta R.T. -0.00 min
Lab File: BM025143.D
Acq: 28 Feb 2020 21:09

Tgt Ion:266 Resp: 682

Ion	Ratio	Lower	Upper
266	100		
264	63.3	49.8	74.6
268	63.3	49.0	73.4

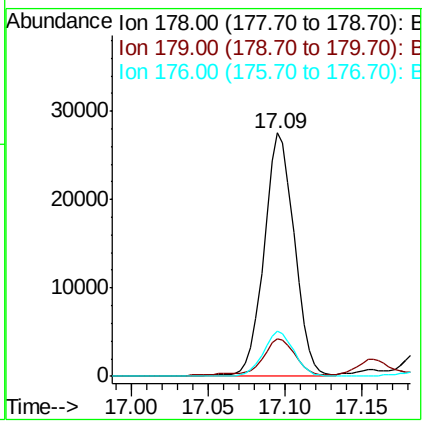




#12
Phenanthrene
Concen: 0.680 ng/ul
RT: 17.09 min Scan# 4601
Delta R.T. -0.01 min
Lab File: BM025143.D
Acq: 28 Feb 2020 21:09

Tgt Ion:178 Resp: 37265

Ion	Ratio	Lower	Upper
178	100		
179	15.5	14.0	21.0
176	18.7	16.6	24.8



Instrument :
BNA_M
ClientSampleId :
DBD07

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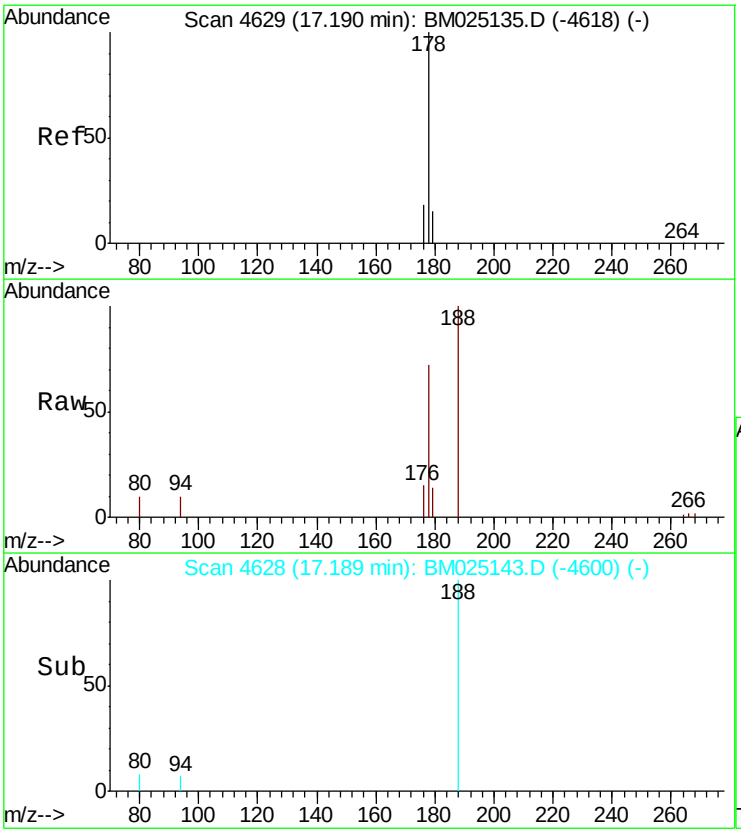
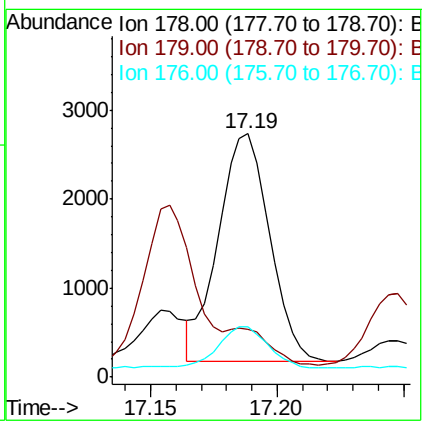
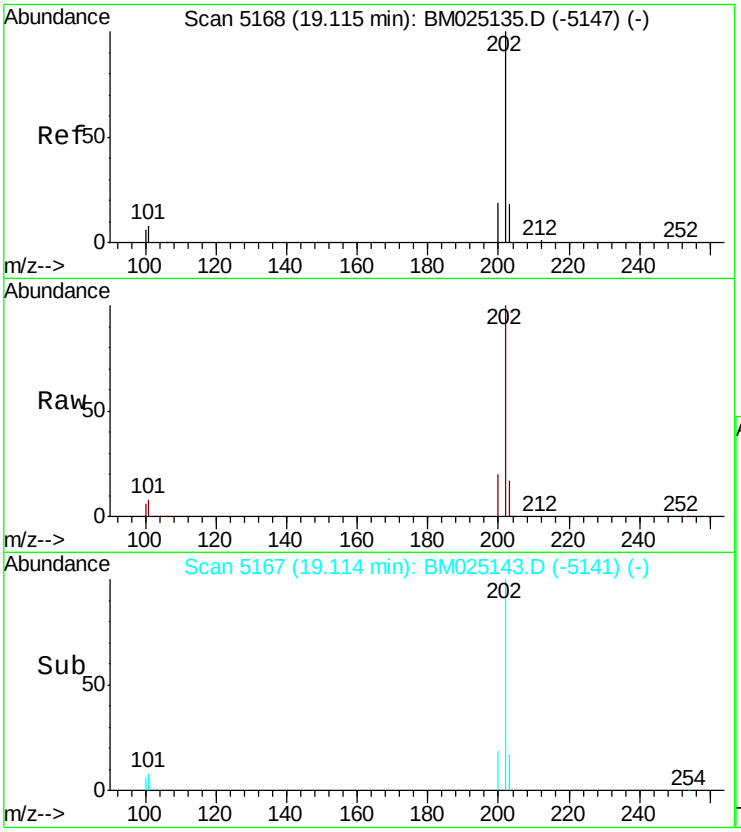


#13
Anthracene
Concen: 0.068 ng/ul
RT: 17.19 min Scan# 4628
Delta R.T. -0.00 min
Lab File: BM025143.D
Acq: 28 Feb 2020 21:09

Tgt Ion:178 Resp: 3602

Ion	Ratio	Lower	Upper
178	100		
179	19.8	14.1	21.1
176	20.9	16.2	24.4





#15
Fluoranthene
Concen: 0.913 ng/ul
RT: 19.11 min Scan# 5167
Delta R.T. -0.00 min
Lab File: BM025143.D
Acq: 28 Feb 2020 21:09

Tgt Ion:202 Resp: 72687

Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	29.4
100	5.9	0.0	28.0

Instrument :
BNA_M
ClientSampleId :
DBD07

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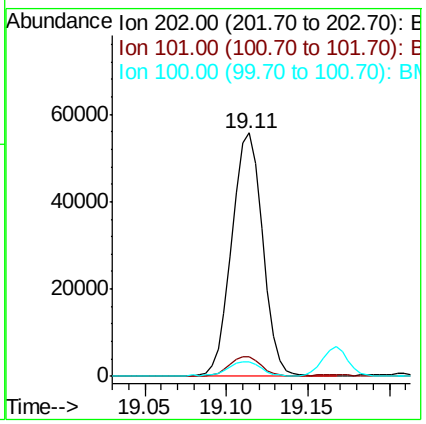
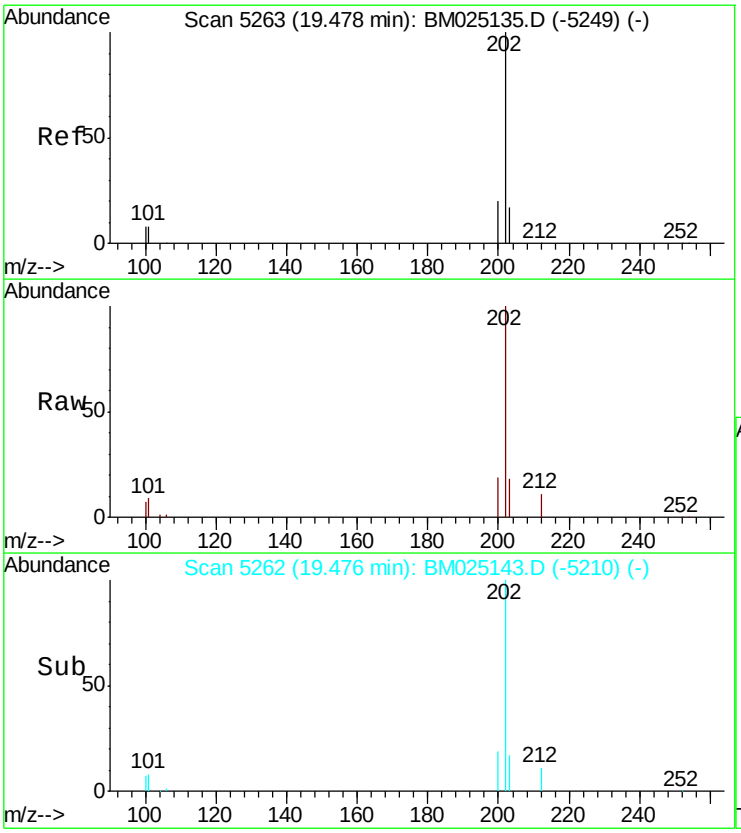
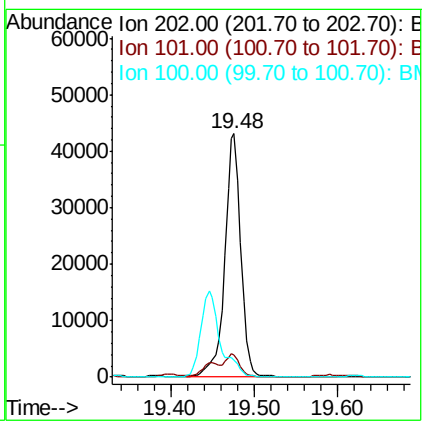


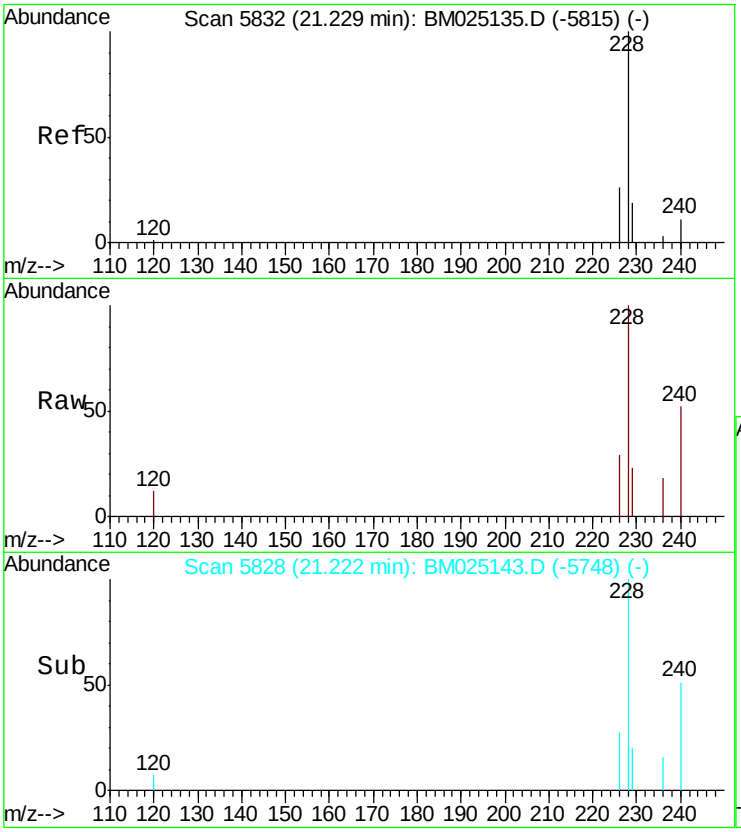


#17
Pyrene
Concen: 0.800 ng/ul
RT: 19.48 min Scan# 5262
Delta R.T. -0.00 min
Lab File: BM025143.D
Acq: 28 Feb 2020 21:09

Tgt Ion:202 Resp: 58141

Ion	Ratio	Lower	Upper
202	100		
101	8.9	8.7	13.1
100	7.2	7.3	10.9#

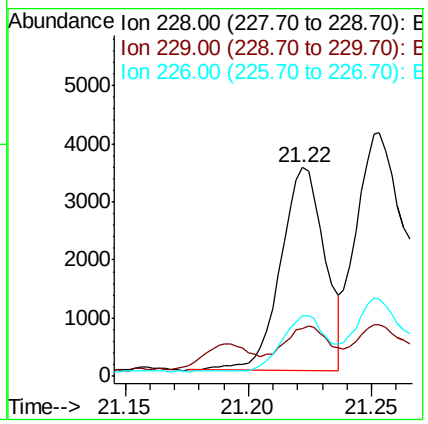




#18
Benzo(a)anthracene
Concen: 0.062 ng/ul
RT: 21.22 min Scan# 5828
Delta R.T. -0.01 min
Lab File: BM025143.D
Acq: 28 Feb 2020 21:09

Tgt Ion:228 Resp: 4349

Ion	Ratio	Lower	Upper
228	100		
229	23.1	16.6	25.0
226	29.2	21.9	32.9



Instrument :
BNA_M
ClientSampleId :
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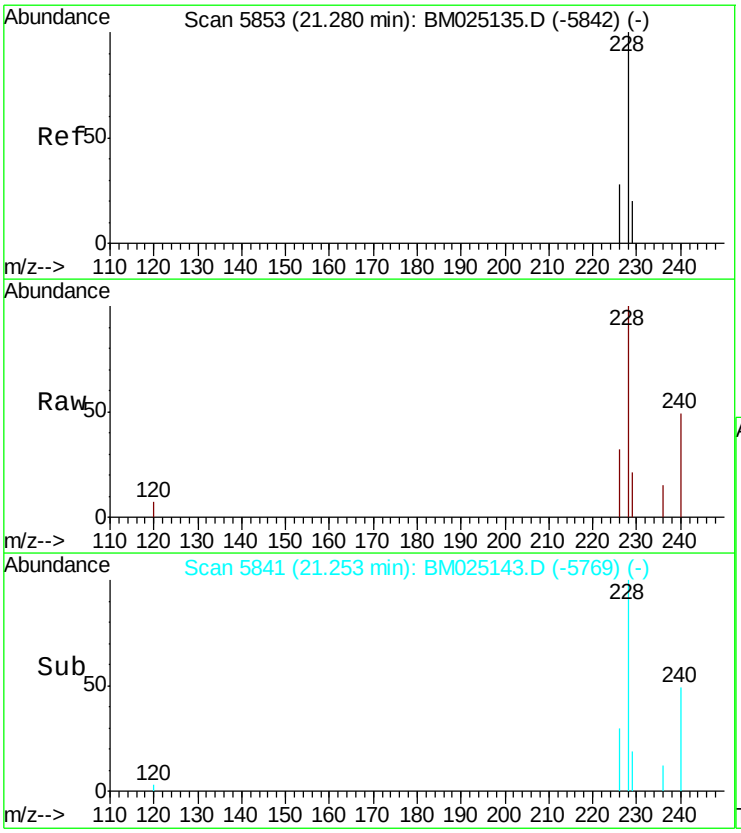
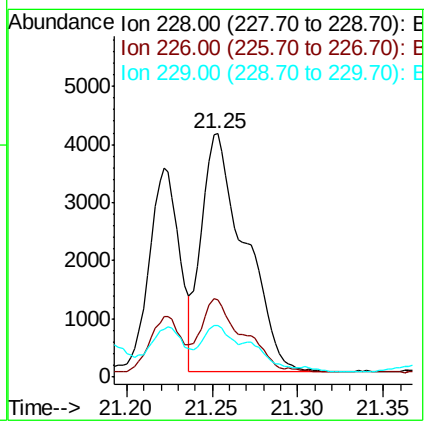
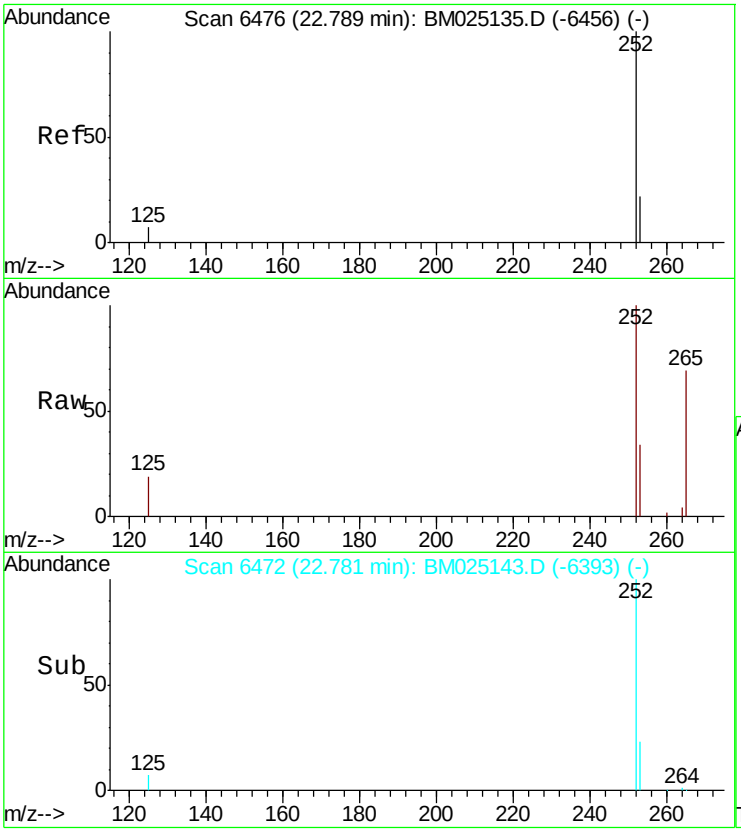


#19
Chrysene
Concen: 0.105 ng/ul
RT: 21.25 min Scan# 5841
Delta R.T. -0.03 min
Lab File: BM025143.D
Acq: 28 Feb 2020 21:09

Tgt Ion:228 Resp: 7298

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.8	35.8
229	21.0	16.9	25.3

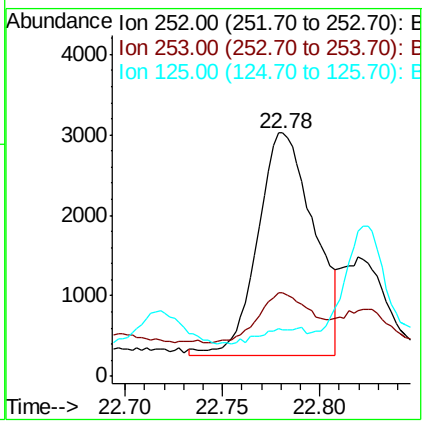




#21
Benzo(b)fluoranthene
Concen: 0.076 ng/ul m
RT: 22.78 min Scan# 6472
Delta R.T. -0.01 min
Lab File: BM025143.D
Acq: 28 Feb 2020 21:09

Tgt Ion:252 Resp: 5518

Ion	Ratio	Lower	Upper
252	100		
253	34.2	0.0	49.8
125	19.0	0.0	28.6



Instrument :
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ClientSampleId :
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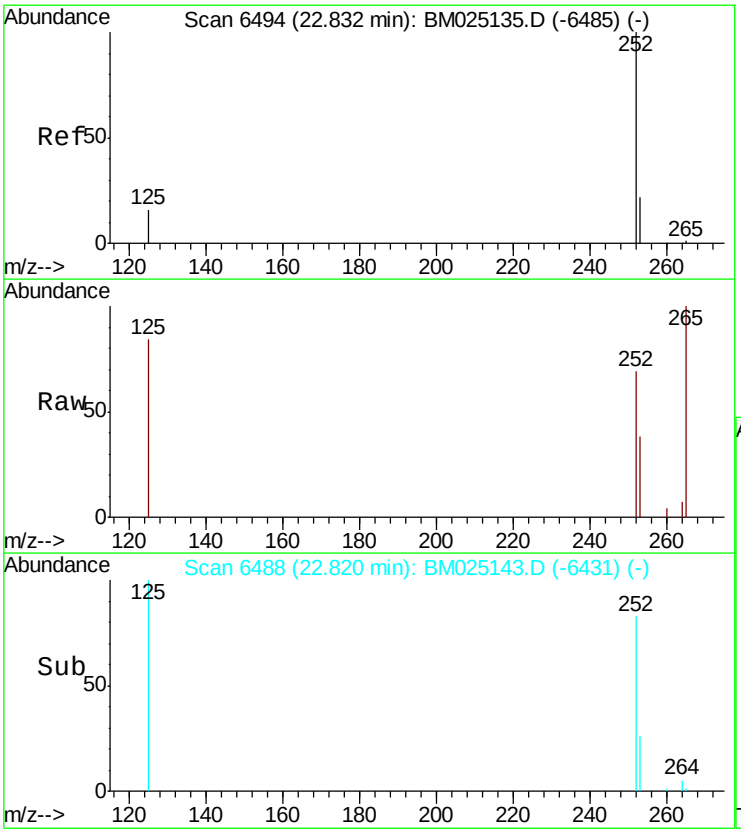

#22
Benzo(k)fluoranthene
Concen: 0.027 ng/ul m
RT: 22.82 min Scan# 6488
Delta R.T. -0.01 min
Lab File: BM025143.D
Acq: 28 Feb 2020 21:09

Tgt Ion:252 Resp: 1962

Ion	Ratio	Lower	Upper
252	100		
253	54.9	19.4	29.0#
125	121.5	10.7	16.1#