Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025459.D
Acq On : 10 Mar 2020 19:01
Operator : CG/JU
Sample : L1617-21
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Mar 11 00:45:15 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 : Tue Mar 10 23:48:01 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : DBDT5

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	2998	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	12609	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	8997	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	17811m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	15217	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	16495	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	7500	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	17197	0.35	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.48	128	167454	4.486	ng/ul	98
5) 2-Methylnaphthalene	12.10	142	85725	3.213	ng/ul	100
7) Acenaphthylene	14.01	152	6754	0.184	ng/ul#	94
8) Acenaphthene	14.35	153	150868	4.679	ng/ul	98
9) Fluorene	15.34	166	123835	3.152	ng/ul	99
12) Phenanthrene	17.07	178	838384	14.853	ng/ul	100
13) Anthracene	17.13	178	151342	3.081	ng/ul#	1
15) Fluoranthene	19.09	202	302590	4.945	ng/ul	100
17) Pyrene	19.45	202	195649	2.865	ng/ul	100
18) Benzo(a)anthracene	21.21	228	26352	0.484	ng/ul	99
19) Chrysene	21.26	228	18077	0.296	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	13583m	0.208	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	6006m	0.088	ng/ul	
23) Benzo(a)pyrene	23.31	252	7662	0.141	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.58	276	2714	0.037	ng/ul#	92
26) Benzo(g,h,i)perylene	26.24	276	2101	0.033	ng/ul#	76

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

Quantitation Report (QT Reviewed)

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Data File : BM025459.D
Acq On : 10 Mar 2020 19:01
Operator : CG/JU
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Misc :
ALS Vial : 53 Sample Multiplier: 1

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QLast Update : Tue Mar 10 23:48:01 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDT5

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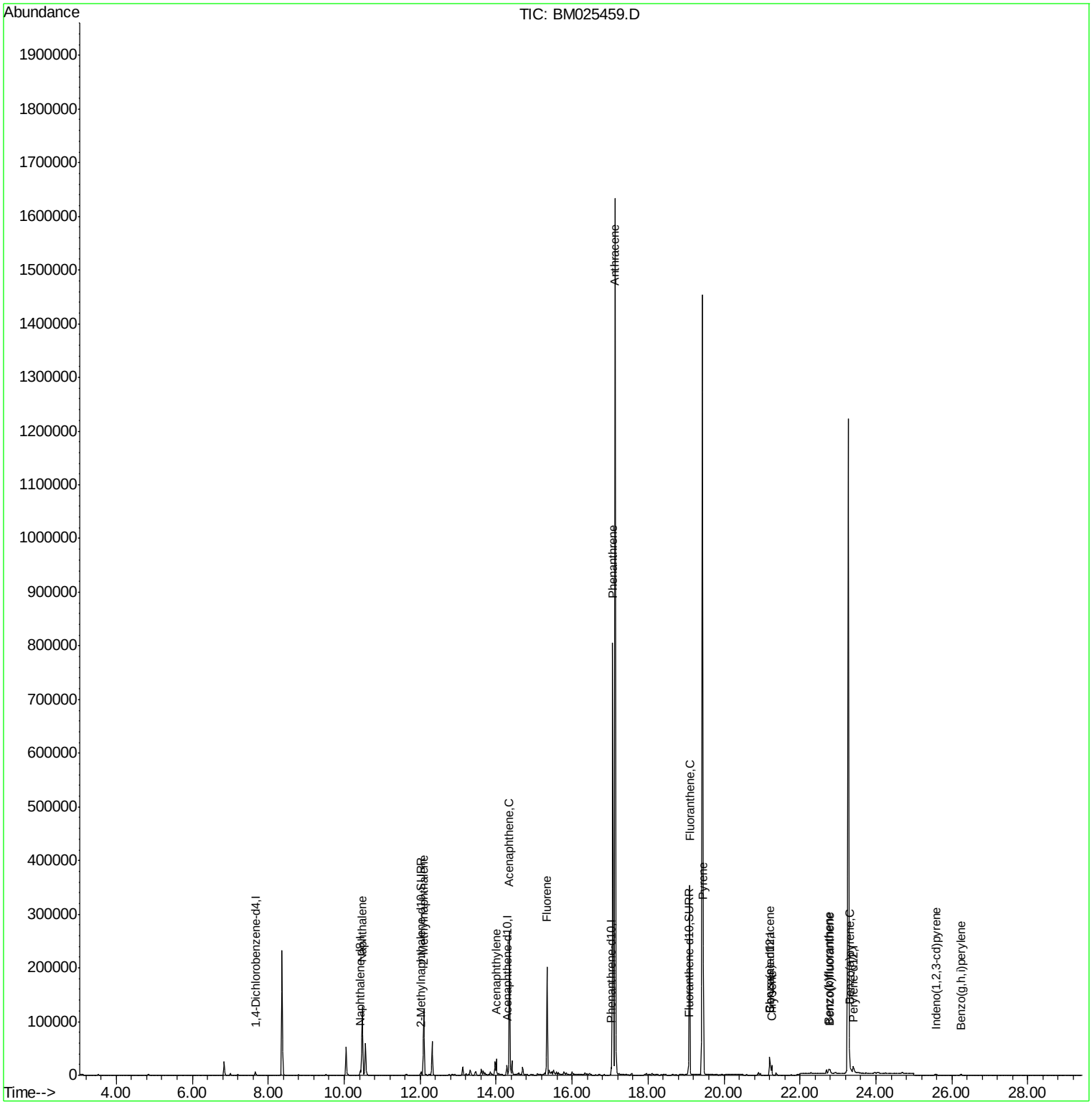

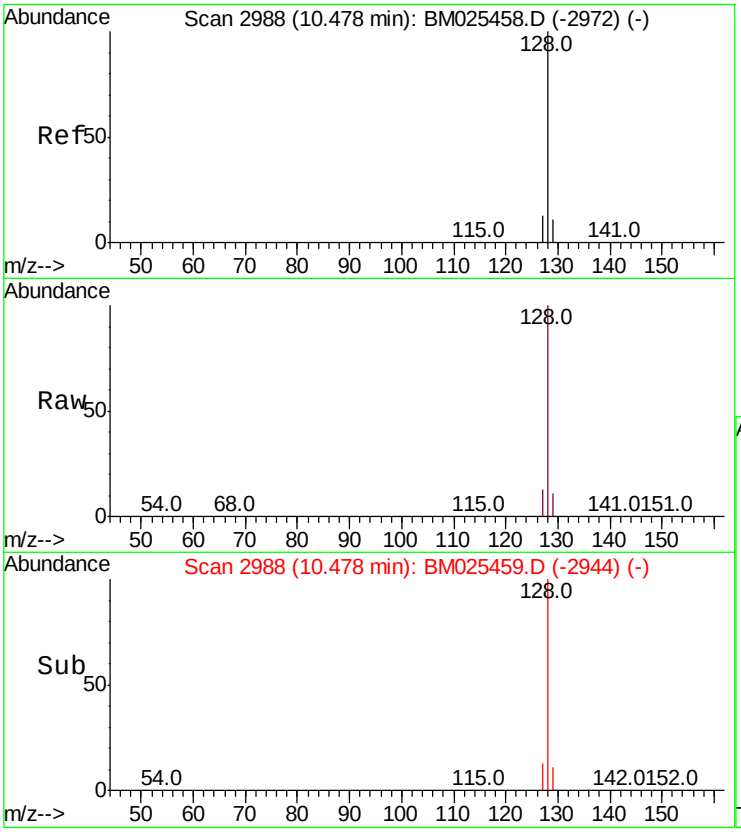

#3
Naphthalene
Concen: 4.486 ng/ul
RT: 10.48 min Scan# 2988
Delta R.T. -0.00 min
Lab File: BM025459.D
Acq: 10 Mar 2020 19:01

Tgt Ion:128 Resp: 167454

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.0
127	12.8	10.9	16.3

Instrument :
BNA_M
ClientSampleId :
DBDT5

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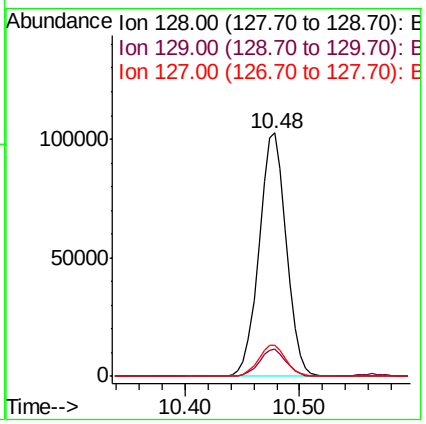
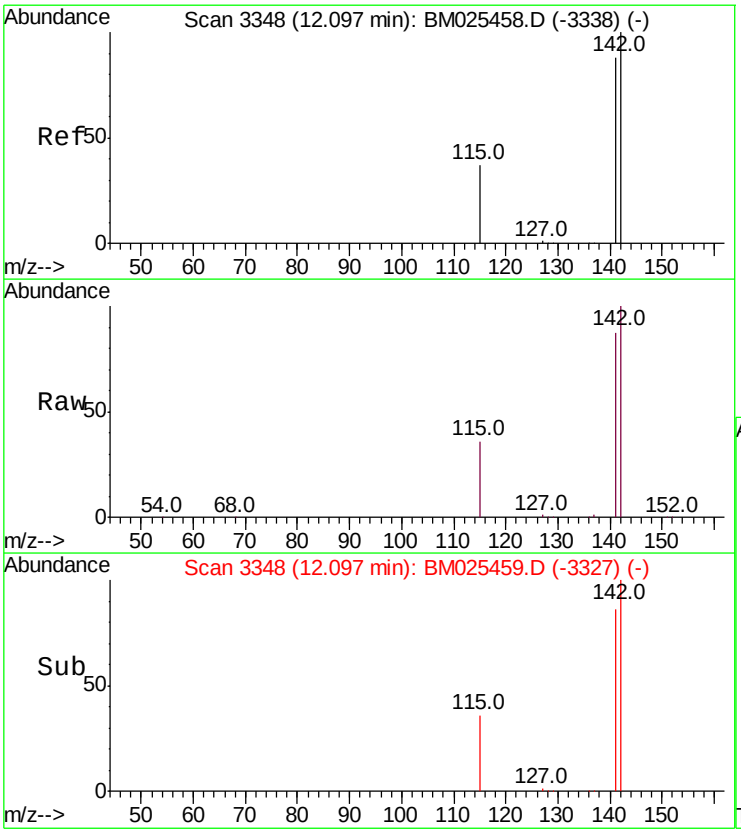
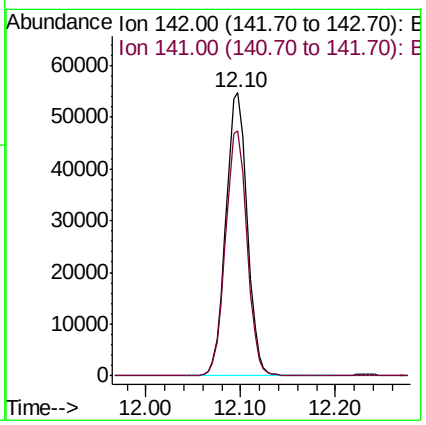


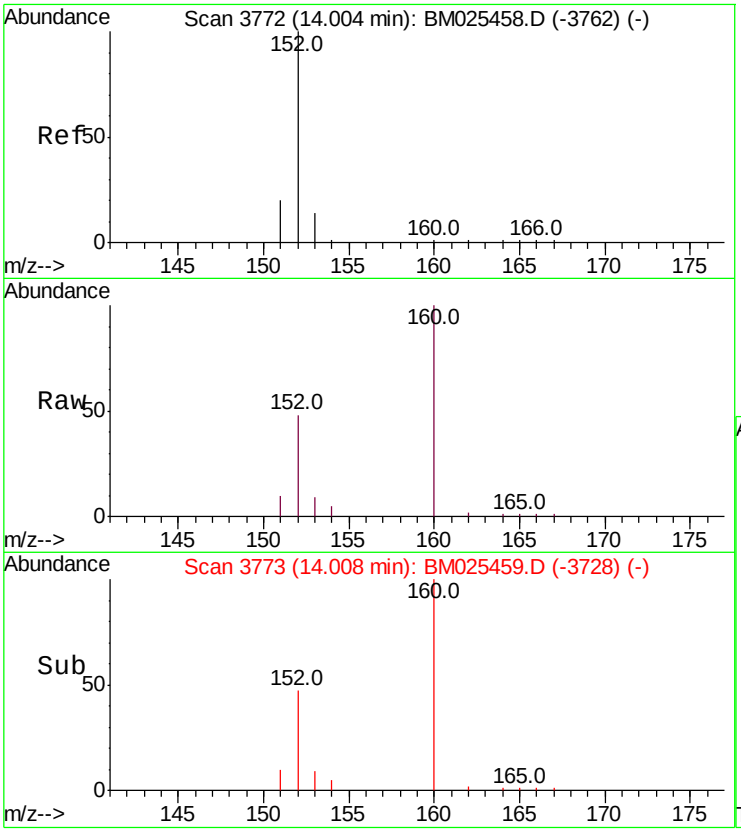


#5
2-Methylnaphthalene
Concen: 3.213 ng/ul
RT: 12.10 min Scan# 3348
Delta R.T. -0.00 min
Lab File: BM025459.D
Acq: 10 Mar 2020 19:01

Tgt Ion:142 Resp: 85725

Ion	Ratio	Lower	Upper
142	100		
141	87.2	69.8	104.6





#7
Acenaphthylene
Concen: 0.184 ng/ul
RT: 14.01 min Scan# 3773
Delta R.T. -0.00 min
Lab File: BM025459.D
Acq: 10 Mar 2020 19:01

Tgt Ion:152 Resp: 6754

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.2	24.2
153	18.0	10.6	16.0#

Instrument :
BNA_M
ClientSampleId :
DBDT5

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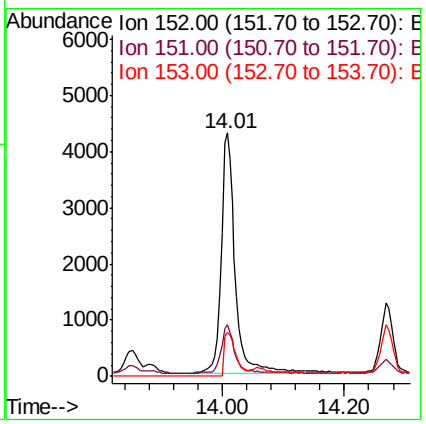
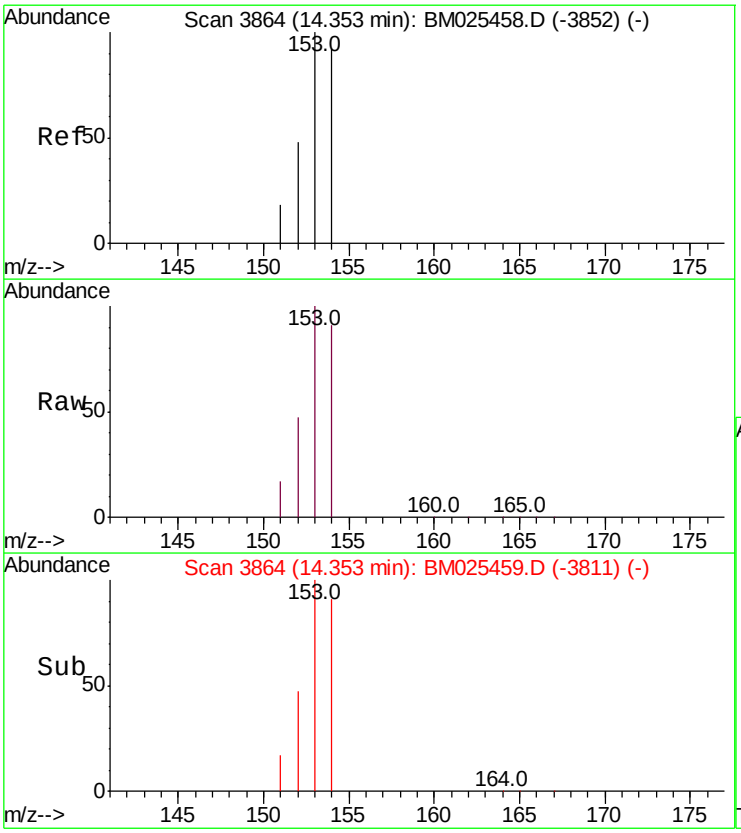
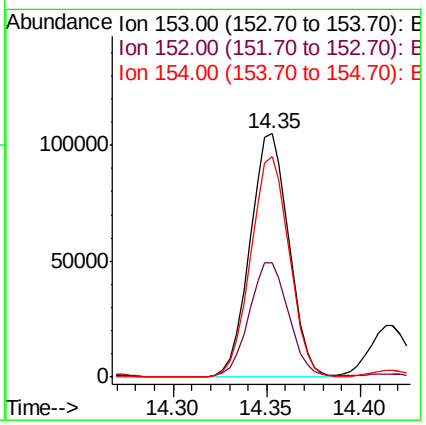


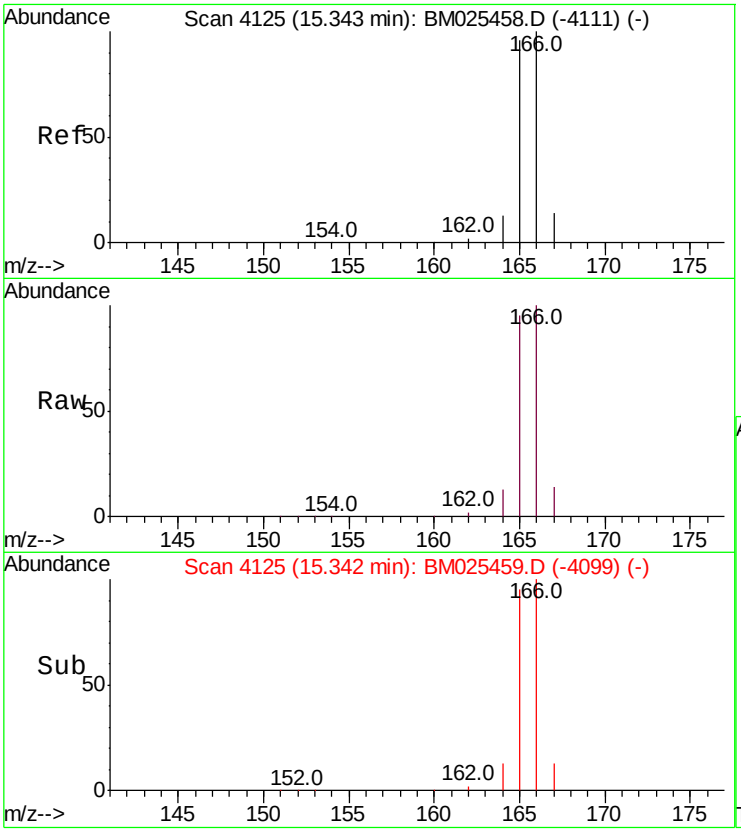


#8
Acenaphthene
Concen: 4.679 ng/ul
RT: 14.35 min Scan# 3864
Delta R.T. -0.00 min
Lab File: BM025459.D
Acq: 10 Mar 2020 19:01

Tgt Ion:153 Resp: 150868

Ion	Ratio	Lower	Upper
153	100		
152	47.2	39.5	59.3
154	90.7	71.7	107.5

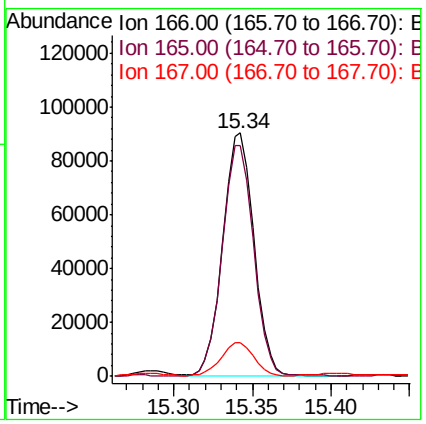




#9
Fluorene
Concen: 3.152 ng/ul
RT: 15.34 min Scan# 4125
Delta R.T. -0.00 min
Lab File: BM025459.D
Acq: 10 Mar 2020 19:01

Tgt Ion:166 Resp: 123835

Ion	Ratio	Lower	Upper
166	100		
165	94.8	76.8	115.2
167	13.6	11.2	16.8



Instrument :
BNA_M
ClientSampleId :
DBDT5

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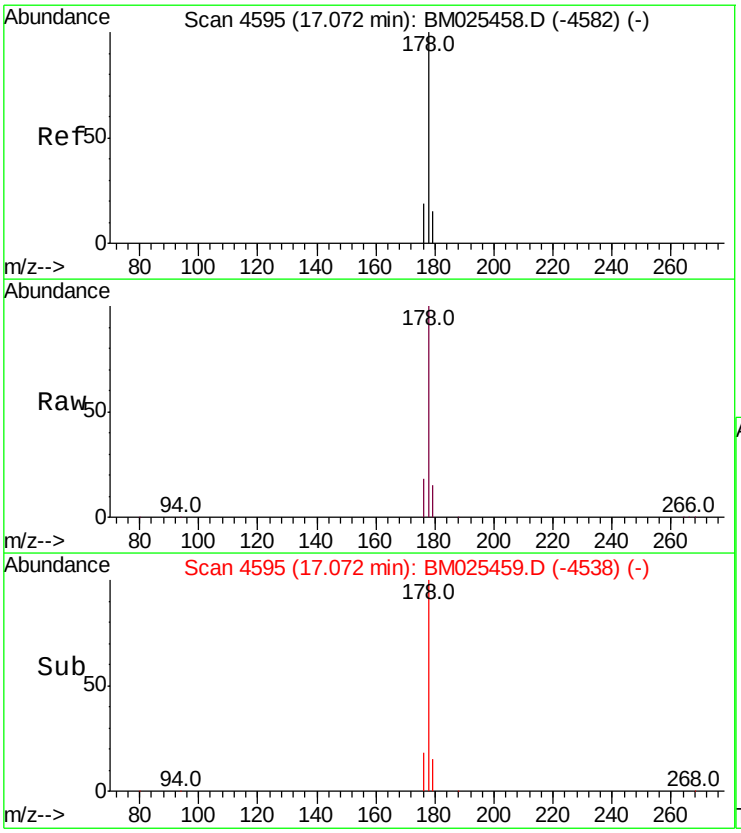
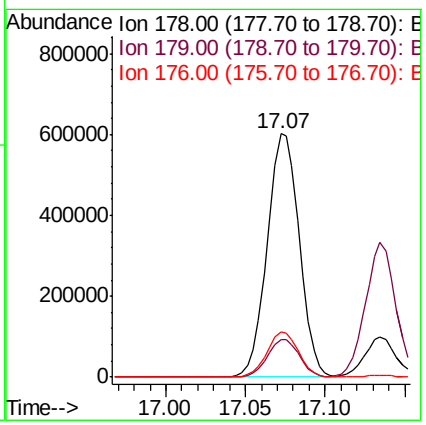
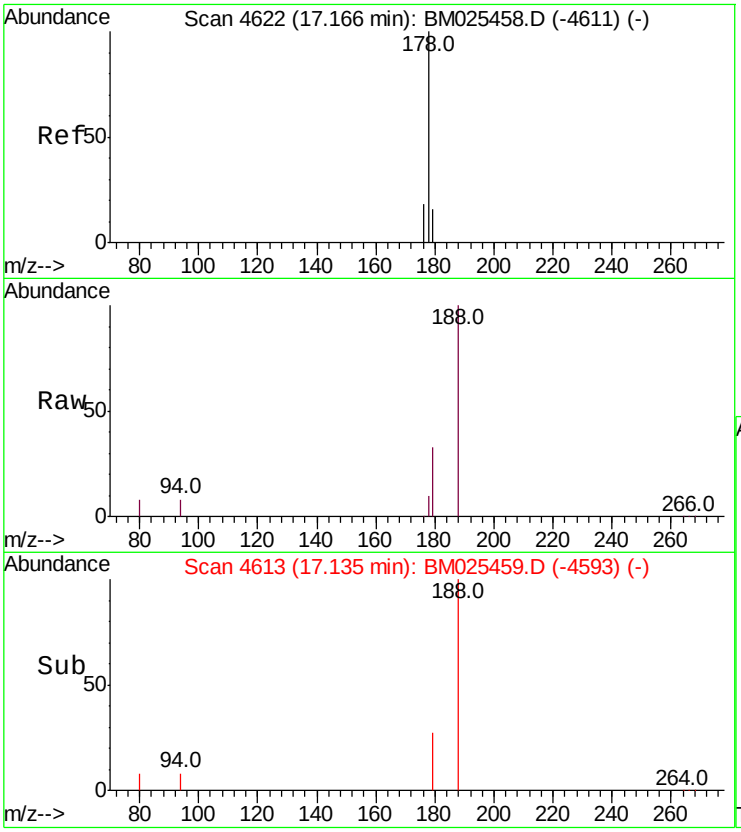


#12
Phenanthrene
Concen: 14.853 ng/ul
RT: 17.07 min Scan# 4595
Delta R.T. -0.00 min
Lab File: BM025459.D
Acq: 10 Mar 2020 19:01

Tgt Ion:178 Resp: 838384

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.4	14.8	22.2





#13
Anthracene
Concen: 3.081 ng/ul
RT: 17.13 min Scan# 4613
Delta R.T. -0.03 min
Lab File: BM025459.D
Acq: 10 Mar 2020 19:01

Tgt Ion:178 Resp: 151342

Ion	Ratio	Lower	Upper
178	100		
179	331.2	12.6	18.8#
176	4.1	14.5	21.7#

Instrument :
BNA_M
ClientSampleId :
DBDT5

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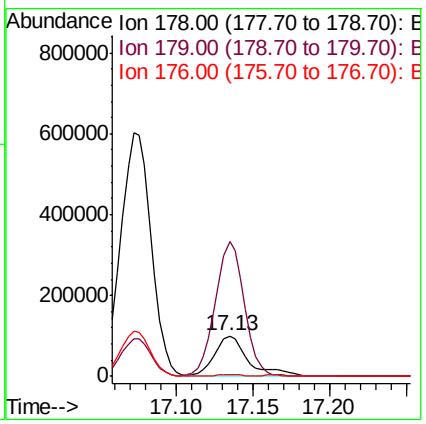
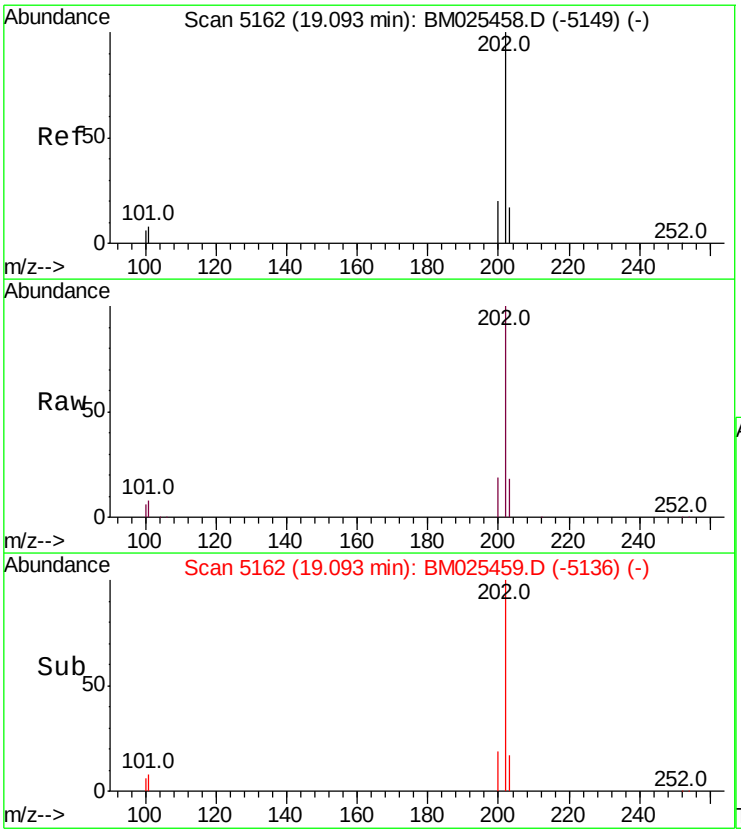
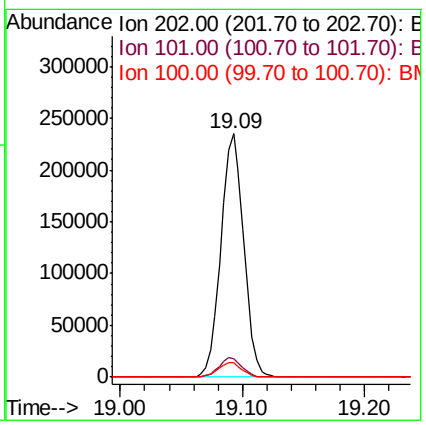


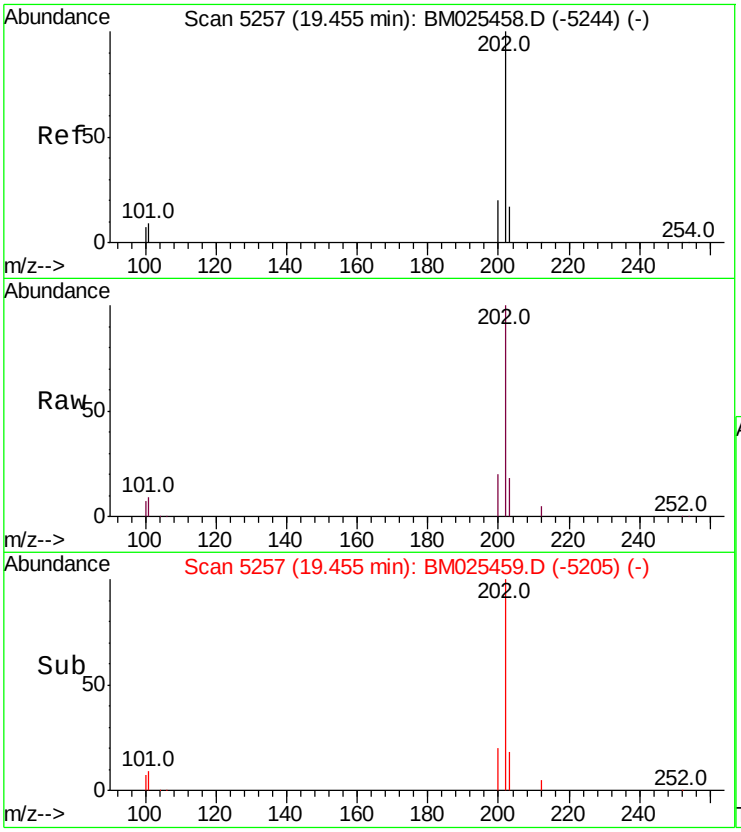


#15
Fluoranthene
Concen: 4.945 ng/ul
RT: 19.09 min Scan# 5162
Delta R.T. -0.00 min
Lab File: BM025459.D
Acq: 10 Mar 2020 19:01

Tgt Ion:202 Resp: 302590

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	27.5
100	5.9	0.0	26.0





#17
Pyrene
Concen: 2.865 ng/ul
RT: 19.45 min Scan# 5257
Delta R.T. -0.00 min
Lab File: BM025459.D
Acq: 10 Mar 2020 19:01

Tgt Ion:202 Resp: 195649

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.1	10.7
100	7.4	6.0	9.0

Instrument :
BNA_M
ClientSampleId :
DBDT5

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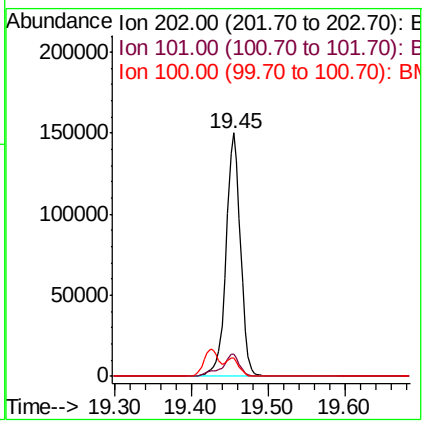
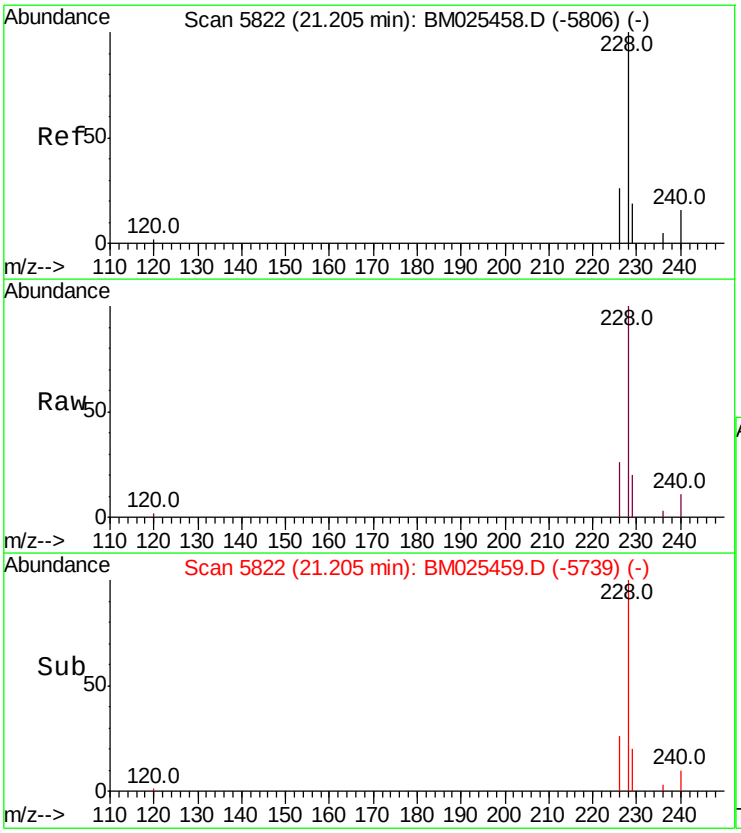
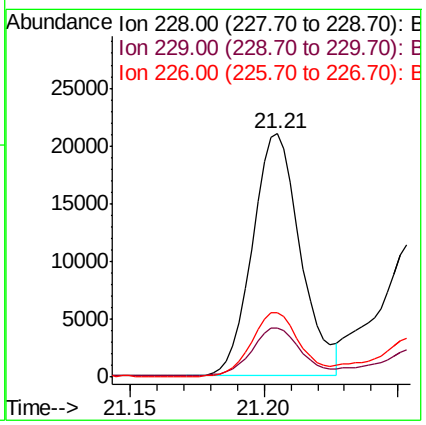


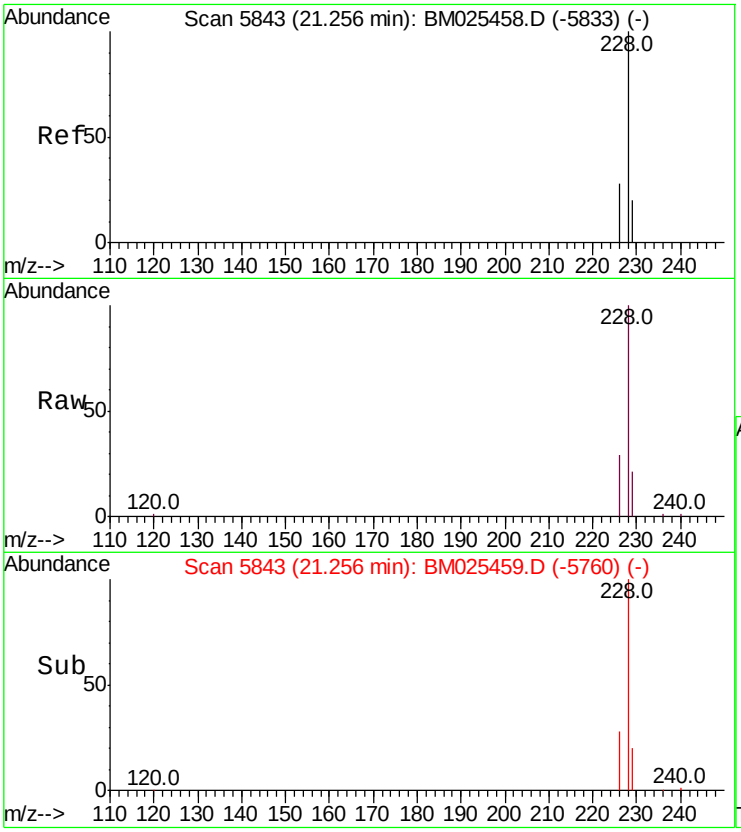


#18
Benzo(a)anthracene
Concen: 0.484 ng/ul
RT: 21.21 min Scan# 5822
Delta R.T. -0.00 min
Lab File: BM025459.D
Acq: 10 Mar 2020 19:01

Tgt Ion:228 Resp: 26352

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.6	23.4
226	26.3	21.1	31.7

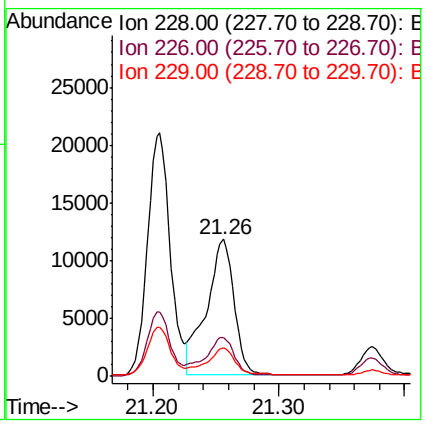




#19
Chrysene
Concen: 0.296 ng/ul
RT: 21.26 min Scan# 5843
Delta R.T. -0.00 min
Lab File: BM025459.D
Acq: 10 Mar 2020 19:01

Tgt Ion:228 Resp: 18077

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.6	35.4
229	20.7	16.3	24.5



Instrument :
BNA_M
ClientSampleId :
DBDT5

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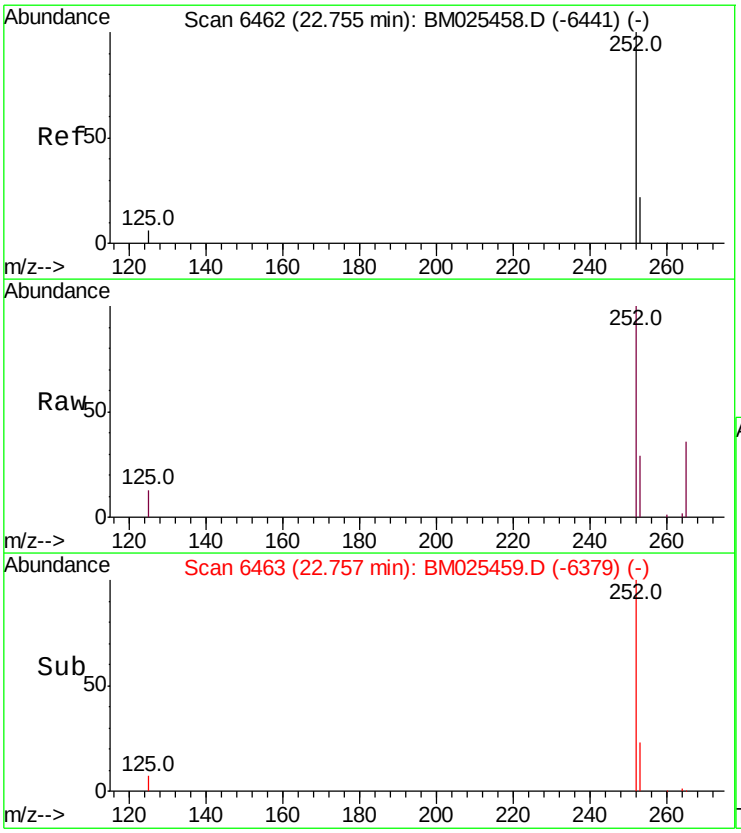
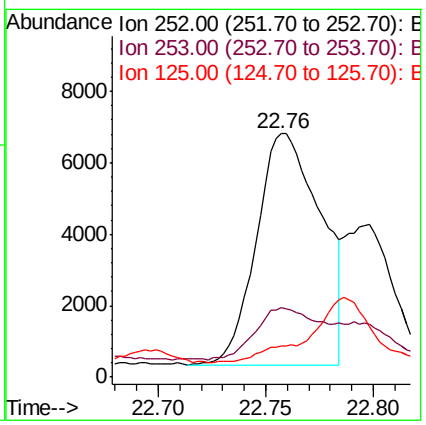
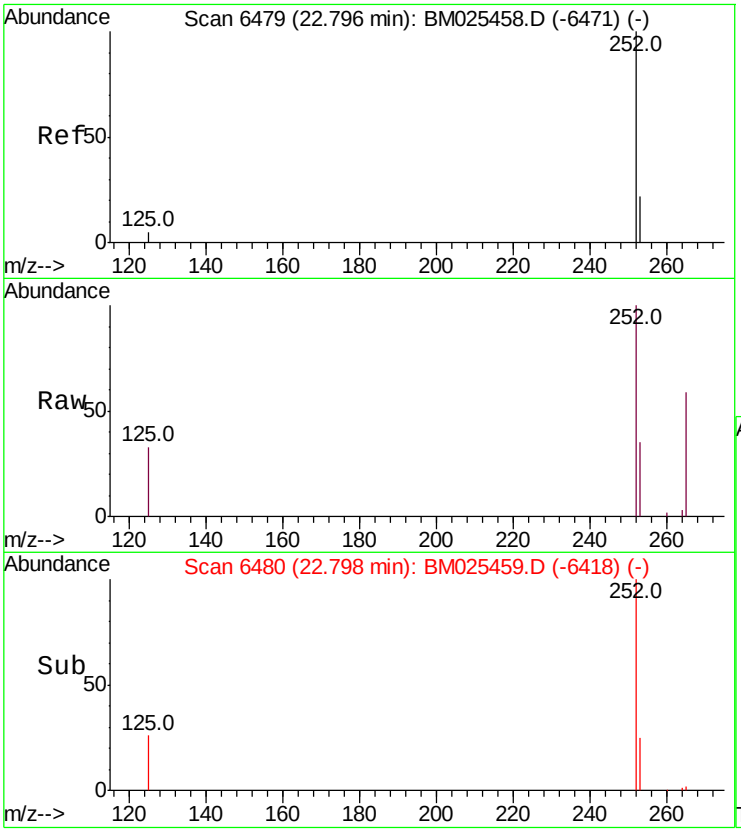


#21
Benzo(b)fluoranthene
Concen: 0.208 ng/ul m
RT: 22.76 min Scan# 6463
Delta R.T. 0.00 min
Lab File: BM025459.D
Acq: 10 Mar 2020 19:01

Tgt Ion:252 Resp: 13583

Ion	Ratio	Lower	Upper
252	100		
253	28.7	0.0	50.2
125	12.9	0.0	17.6





#22
Benzo(k)fluoranthene
Concen: 0.088 ng/ul m
RT: 22.80 min Scan# 6480
Delta R.T. -0.00 min
Lab File: BM025459.D
Acq: 10 Mar 2020 19:01

Tgt Ion:252 Resp: 6006

Ion	Ratio	Lower	Upper
252	100		
253	34.6	19.8	29.8#
125	33.4	7.1	10.7#

Instrument :
BNA_M
ClientSampleId :
DBDT5

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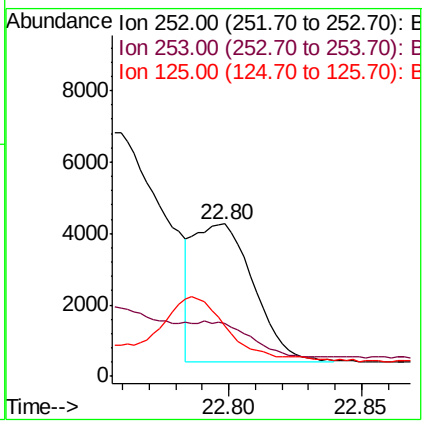
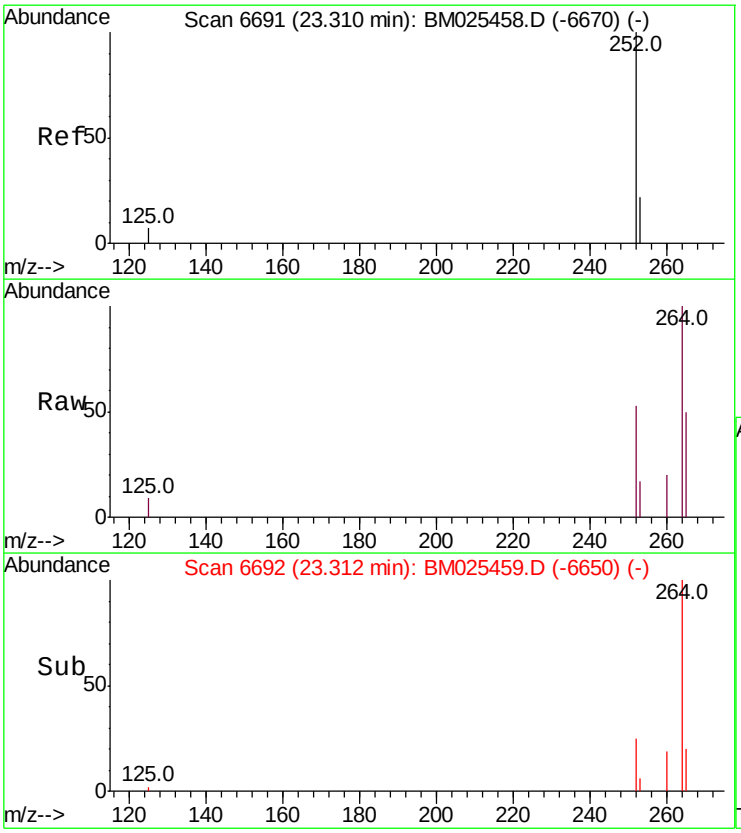
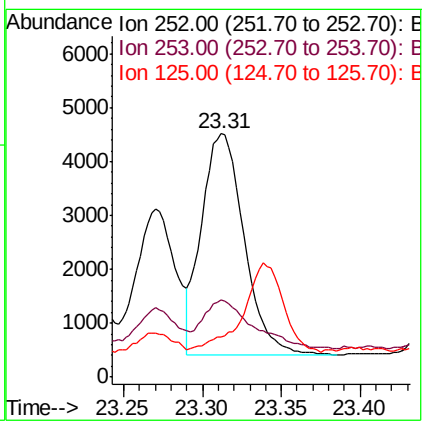


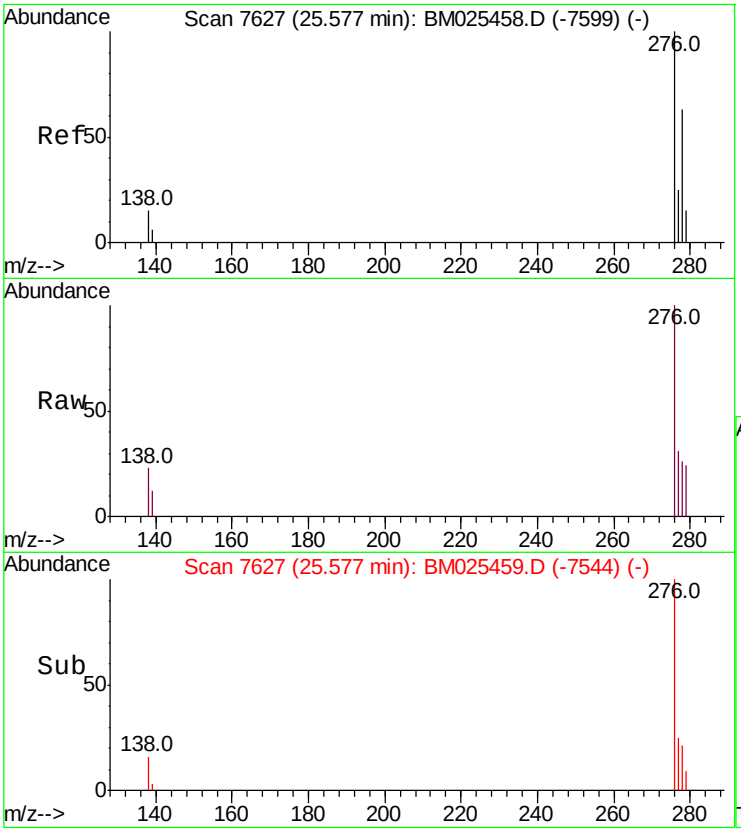


#23
Benzo(a)pyrene
Concen: 0.141 ng/ul
RT: 23.31 min Scan# 6692
Delta R.T. 0.00 min
Lab File: BM025459.D
Acq: 10 Mar 2020 19:01

Tgt Ion:252 Resp: 7662

Ion	Ratio	Lower	Upper
252	100		
253	31.8	21.3	31.9
125	16.3	8.5	12.7#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.037 ng/ul
RT: 25.58 min Scan# 7627
Delta R.T. -0.00 min
Lab File: BM025459.D
Acq: 10 Mar 2020 19:01

Tgt Ion:276 Resp: 2714

Ion	Ratio	Lower	Upper
276	100		
138	12.0	12.3	18.5#
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
DBDT5

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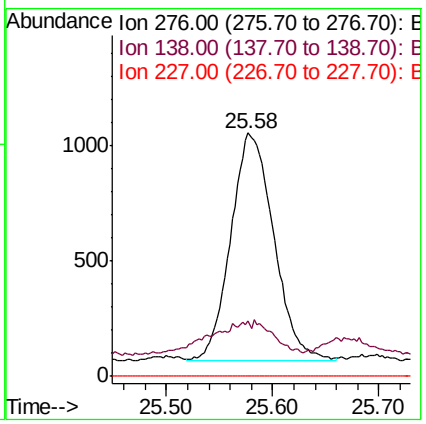

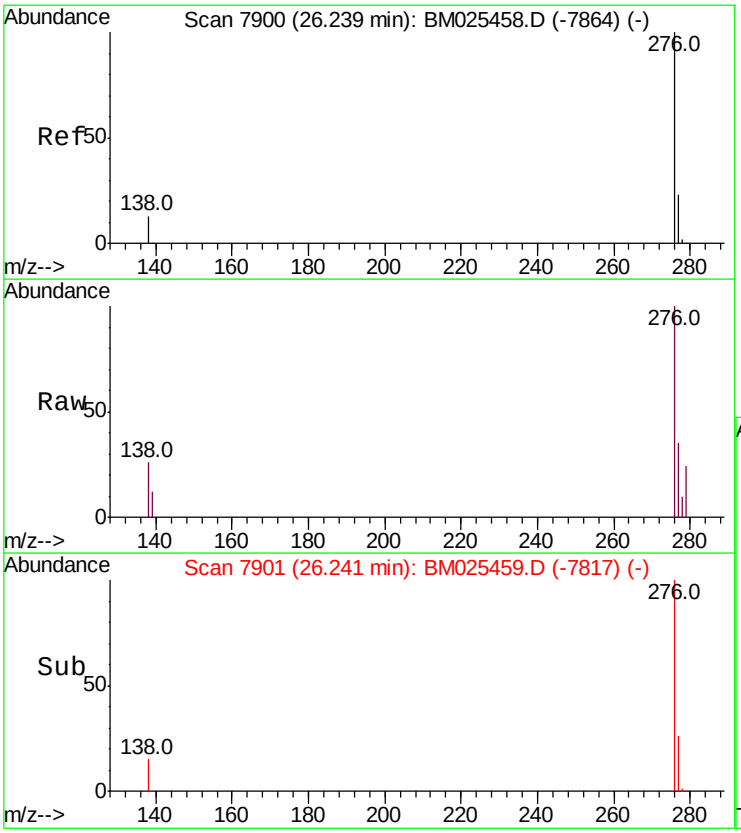

#26
Benzo(g,h,i)perylene
Concen: 0.033 ng/ul
RT: 26.24 min Scan# 7901
Delta R.T. 0.00 min
Lab File: BM025459.D
Acq: 10 Mar 2020 19:01

Tgt Ion:276 Resp: 2101

Ion	Ratio	Lower	Upper
276	100		
138	26.1	11.0	16.4#
277	34.5	19.8	29.6#