Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
Data File : BM025304.D
Acq On : 06 Mar 2020 02:10
Operator : CG/JU
Sample : L1568-04
Misc :
ALS Vial : 101 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDA7

Manual Integrations APPROVED
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3/6/2020 10:15:29 PM

Quant Time: Mar 06 03:40:27 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	3576	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	15743	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	11780	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	28166m	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	27514	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	25861	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	7030	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	22560	0.25	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.49	128	1060	0.022	ng/ul	98
8) Acenaphthene	14.36	153	1241	0.029	ng/ul	97
9) Fluorene	15.35	166	1229	0.023	ng/ul	95
12) Phenanthrene	17.08	178	7269	0.080	ng/ul	99
13) Anthracene	17.17	178	2585	0.032	ng/ul	97
15) Fluoranthene	19.10	202	12675	0.112	ng/ul	98
17) Pyrene	19.46	202	14104m	0.135	ng/ul	
18) Benzo(a)anthracene	21.21	228	7793	0.077	ng/ul	97
19) Chrysene	21.26	228	9584	0.086	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	16740m	0.162	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	5766m	0.053	ng/ul	
23) Benzo(a)pyrene	23.32	252	6460	0.074	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.59	276	3872	0.036	ng/ul#	100
26) Benzo(g,h,i)perylene	26.26	276	3515	0.038	ng/ul#	93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
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Acq On : 06 Mar 2020 02:10
Operator : CG/JU
Sample : L1568-04
Misc :
ALS Vial : 101 Sample Multiplier: 1

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Instrument :
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ClientSampleId :
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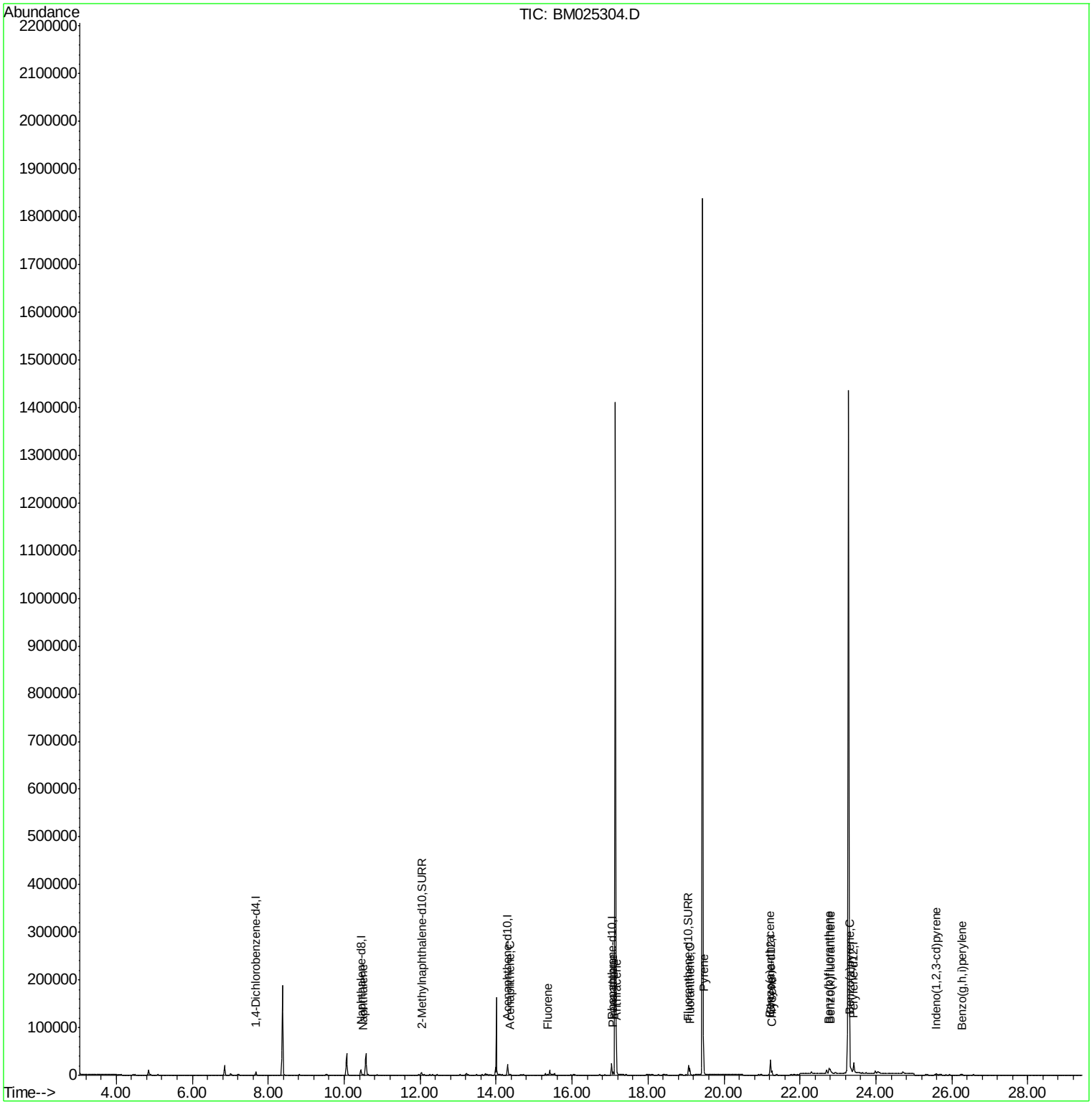
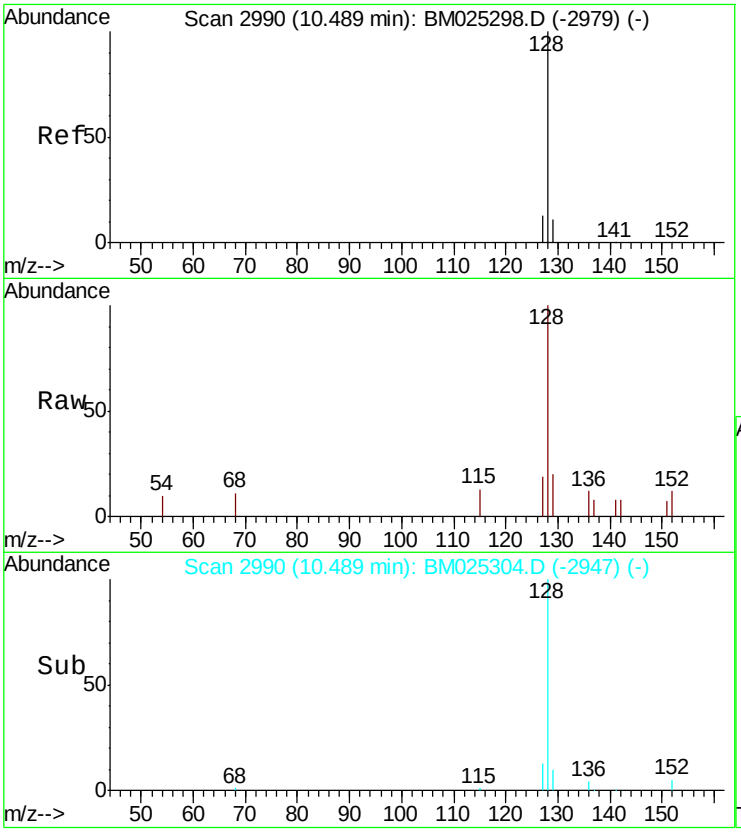
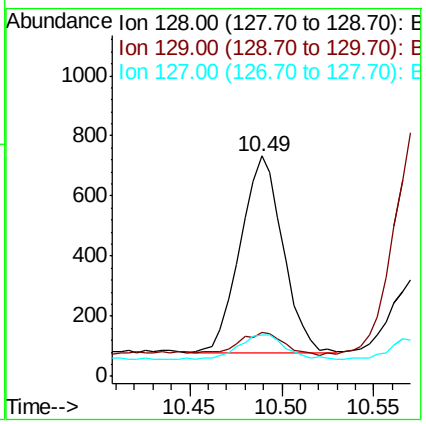




#3
Naphthalene
Concen: 0.022 ng/ul
RT: 10.49 min Scan# 2990
Delta R.T. -0.00 min
Lab File: BM025304.D
Acq: 06 Mar 2020 02:10

Tgt Ion:128 Resp: 1060

Ion	Ratio	Lower	Upper
128	100		
129	20.1	17.0	25.6
127	18.9	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
DBDA7

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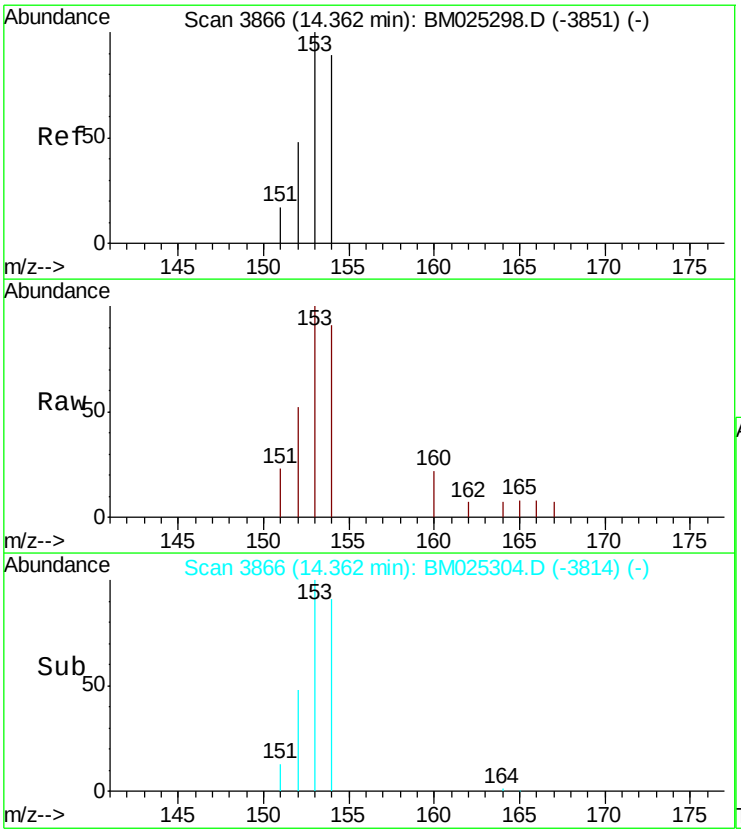
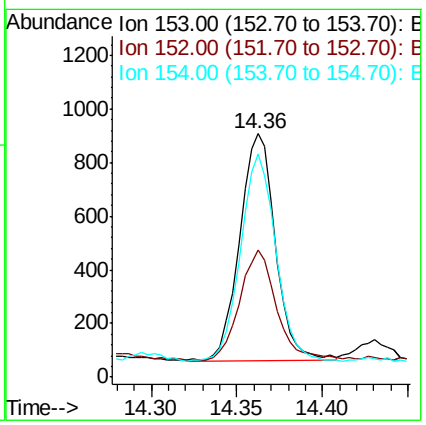
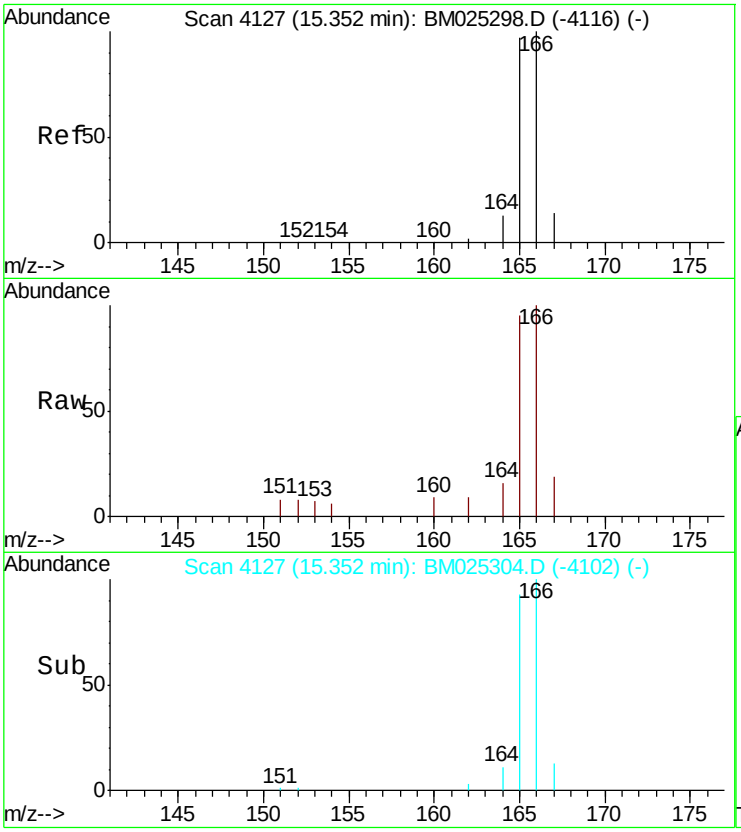


#8
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.36 min Scan# 3866
Delta R.T. -0.00 min
Lab File: BM025304.D
Acq: 06 Mar 2020 02:10

Tgt Ion:153 Resp: 1241

Ion	Ratio	Lower	Upper
153	100		
152	52.0	40.0	60.0
154	91.4	71.0	106.6

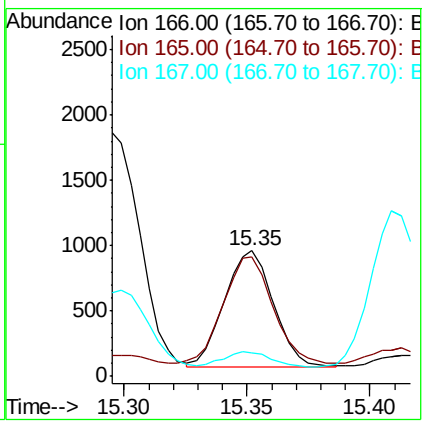




#9
Fluorene
Concen: 0.023 ng/ul
RT: 15.35 min Scan# 4127
Delta R.T. -0.00 min
Lab File: BM025304.D
Acq: 06 Mar 2020 02:10

Tgt Ion:166 Resp: 1229

Ion	Ratio	Lower	Upper
166	100		
165	94.8	80.0	120.0
167	19.0	13.7	20.5



Instrument :
BNA_M
ClientSampleId :
DBDA7

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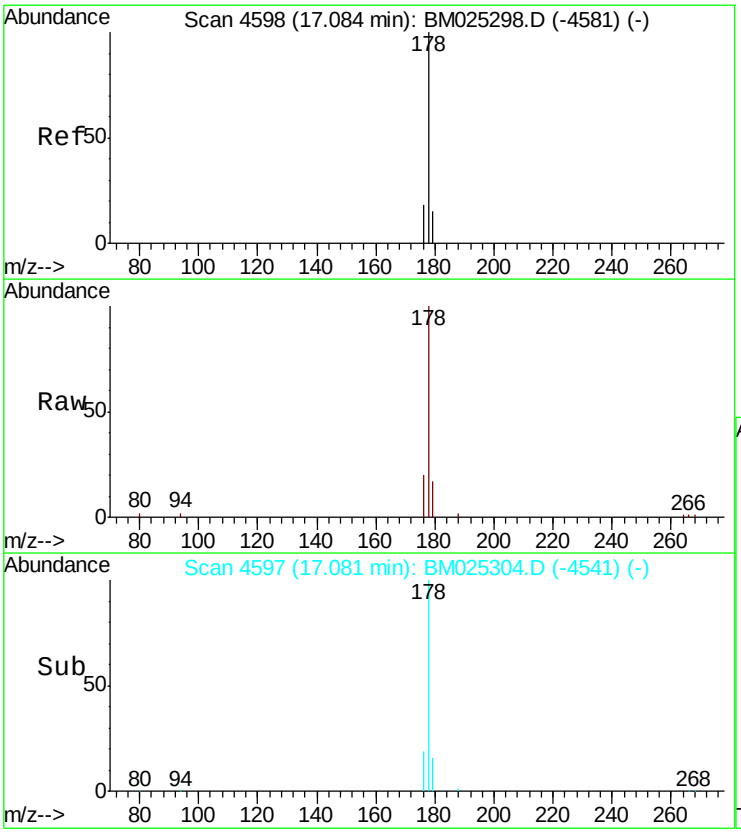
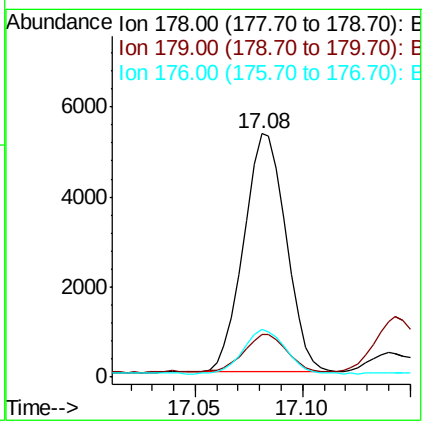
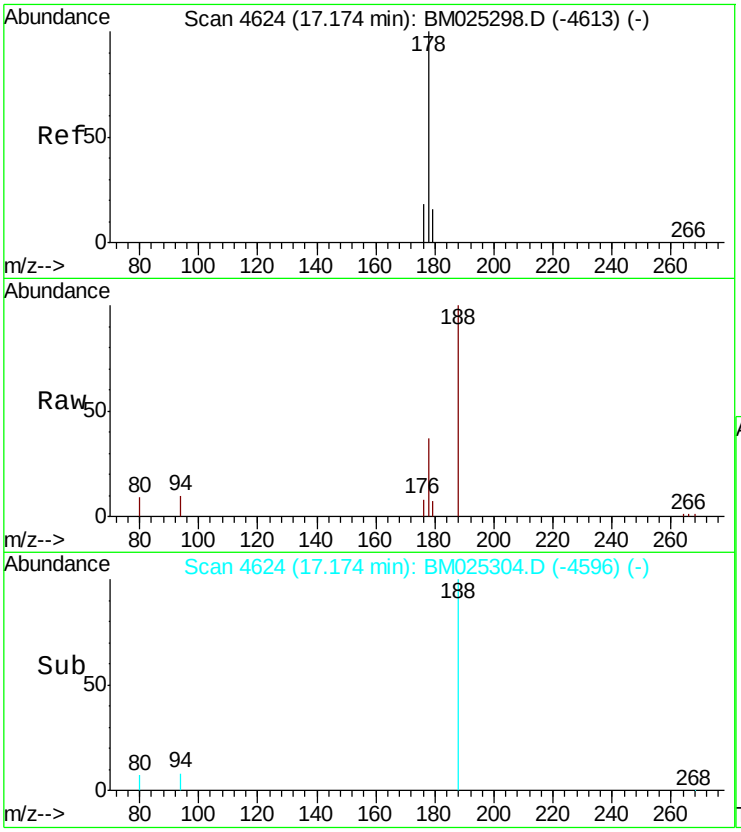


#12
Phenanthrene
Concen: 0.080 ng/ul
RT: 17.08 min Scan# 4597
Delta R.T. -0.01 min
Lab File: BM025304.D
Acq: 06 Mar 2020 02:10

Tgt Ion:178 Resp: 7269

Ion	Ratio	Lower	Upper
178	100		
179	17.4	14.0	21.0
176	19.8	16.6	24.8





#13
Anthracene
Concen: 0.032 ng/ul
RT: 17.17 min Scan# 4624
Delta R.T. -0.00 min
Lab File: BM025304.D
Acq: 06 Mar 2020 02:10

Tgt Ion:178 Resp: 2585

Ion	Ratio	Lower	Upper
178	100		
179	19.8	14.1	21.1
176	20.6	16.2	24.4

Instrument :
BNA_M
ClientSampleId :
DBDA7

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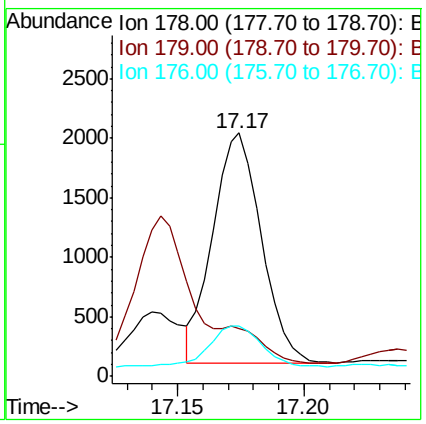
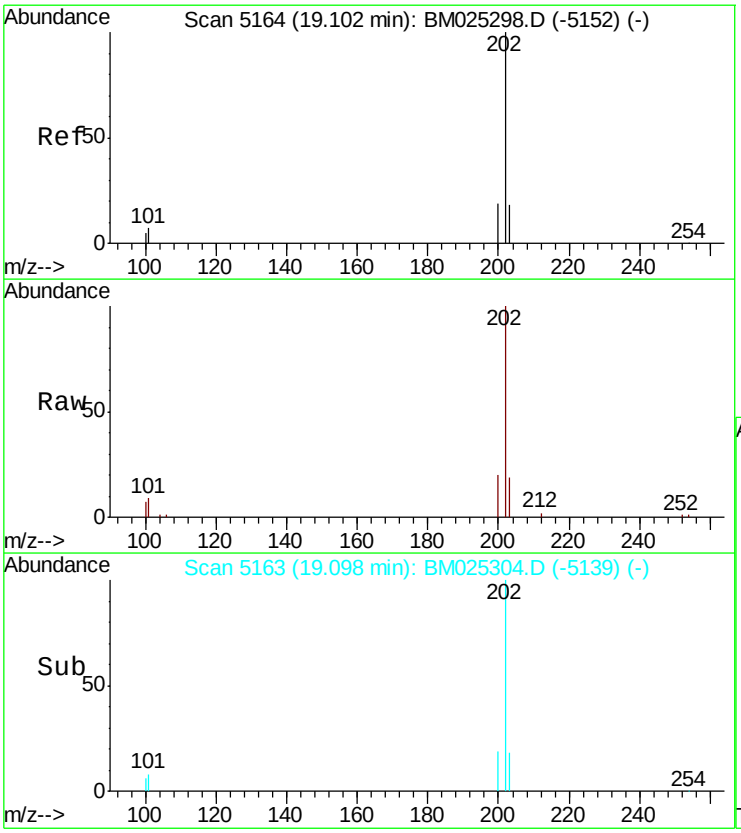
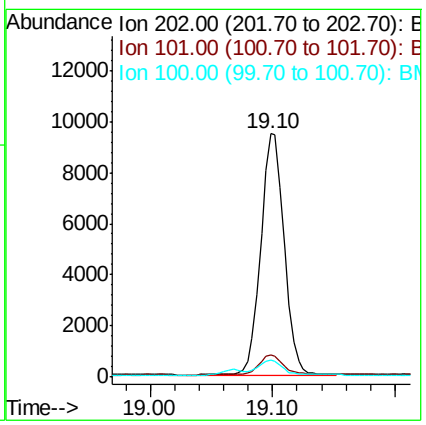


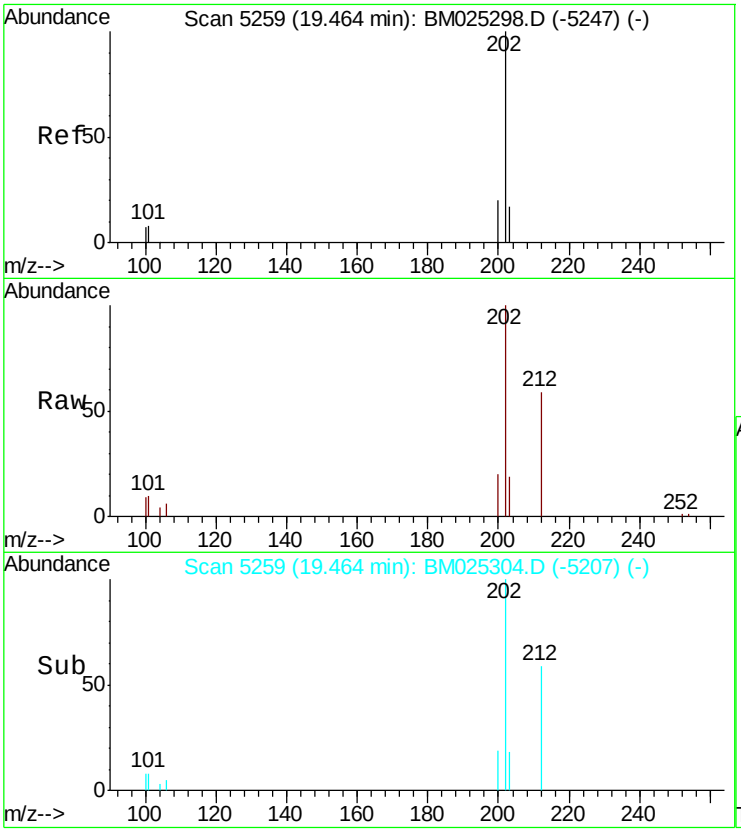


#15
Fluoranthene
Concen: 0.112 ng/ul
RT: 19.10 min Scan# 5163
Delta R.T. -0.01 min
Lab File: BM025304.D
Acq: 06 Mar 2020 02:10

Tgt Ion:202 Resp: 12675

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	29.4
100	7.0	0.0	28.0





#17
Pyrene
Concen: 0.135 ng/ul m
RT: 19.46 min Scan# 5259
Delta R.T. -0.00 min
Lab File: BM025304.D
Acq: 06 Mar 2020 02:10

Tgt Ion:202 Resp: 14104

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.7	13.1
100	8.6	7.3	10.9

Instrument :
BNA_M
ClientSampleId :
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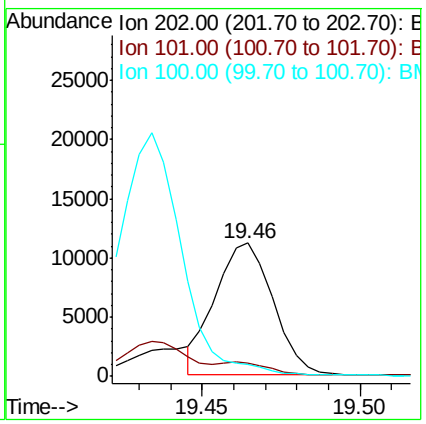
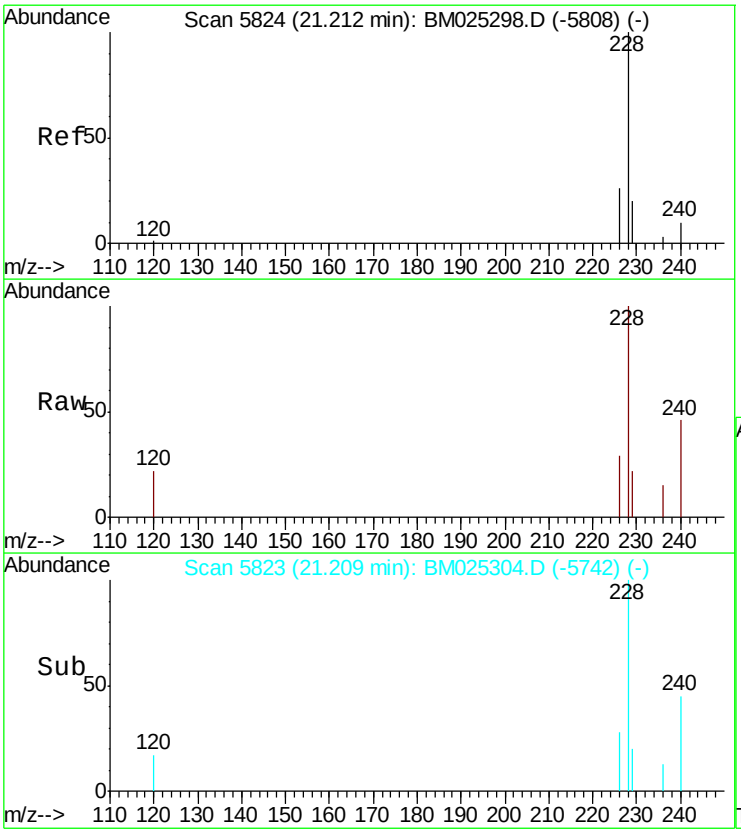
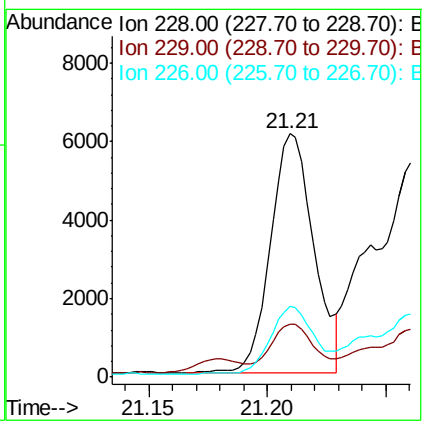


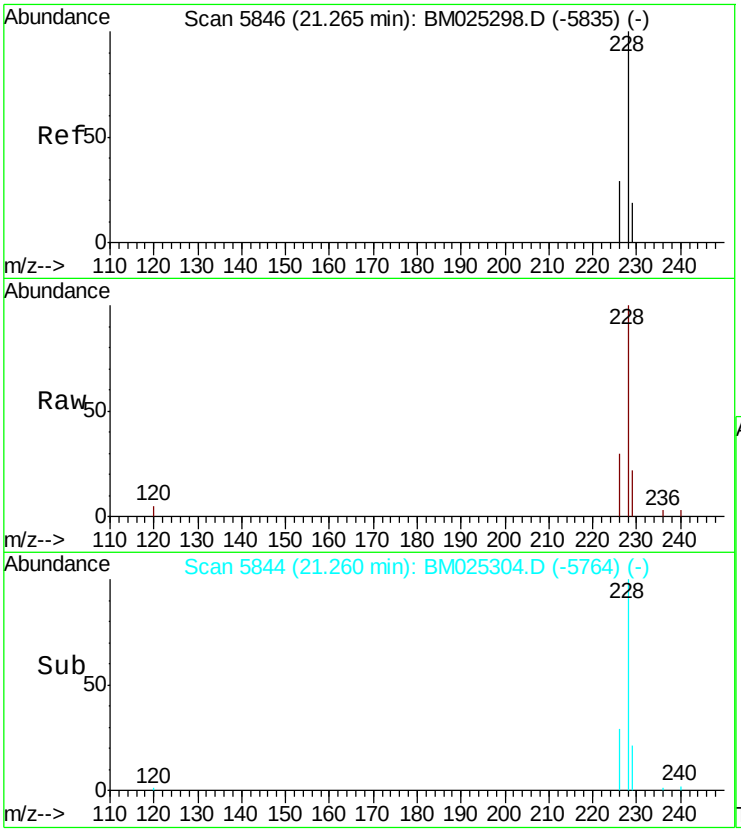


#18
Benzo(a)anthracene
Concen: 0.077 ng/ul
RT: 21.21 min Scan# 5823
Delta R.T. -0.00 min
Lab File: BM025304.D
Acq: 06 Mar 2020 02:10

Tgt Ion:228 Resp: 7793

Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.6	25.0
226	28.9	21.9	32.9

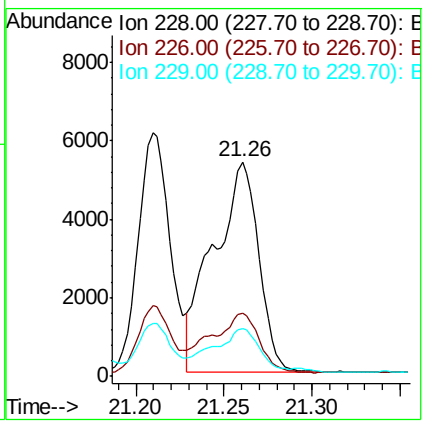




#19
Chrysene
Concen: 0.086 ng/ul
RT: 21.26 min Scan# 5844
Delta R.T. -0.01 min
Lab File: BM025304.D
Acq: 06 Mar 2020 02:10

Tgt Ion:228 Resp: 9584

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.8
229	22.3	16.9	25.3



Instrument :
BNA_M
ClientSampleId :
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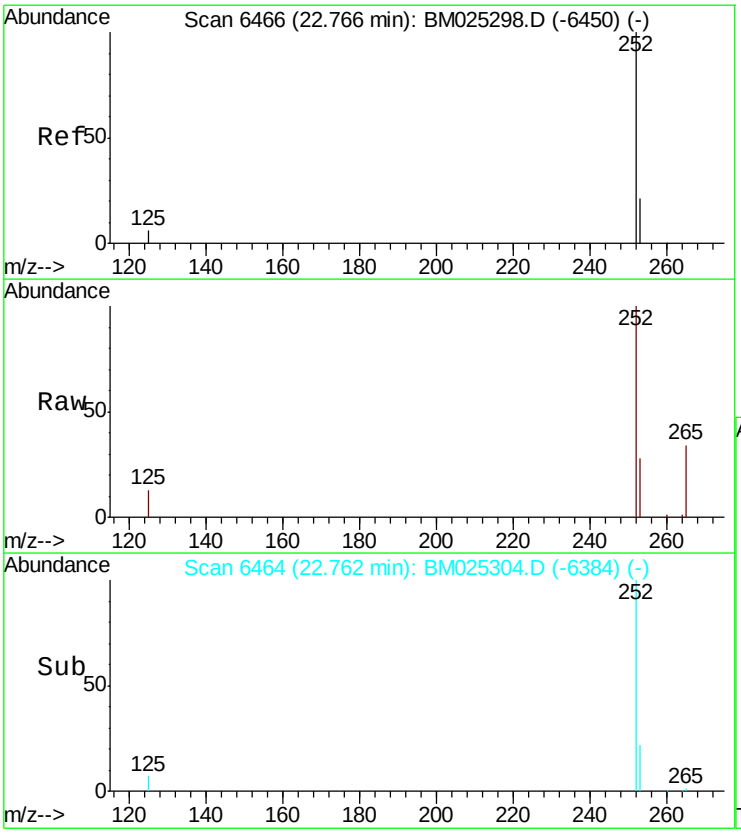
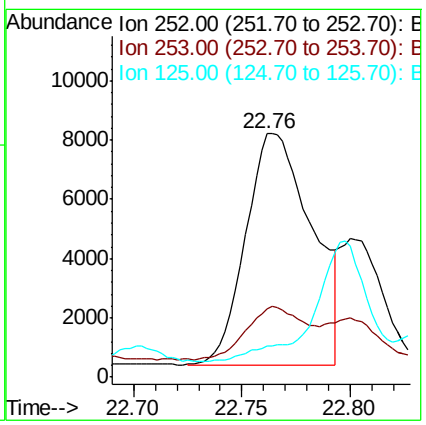
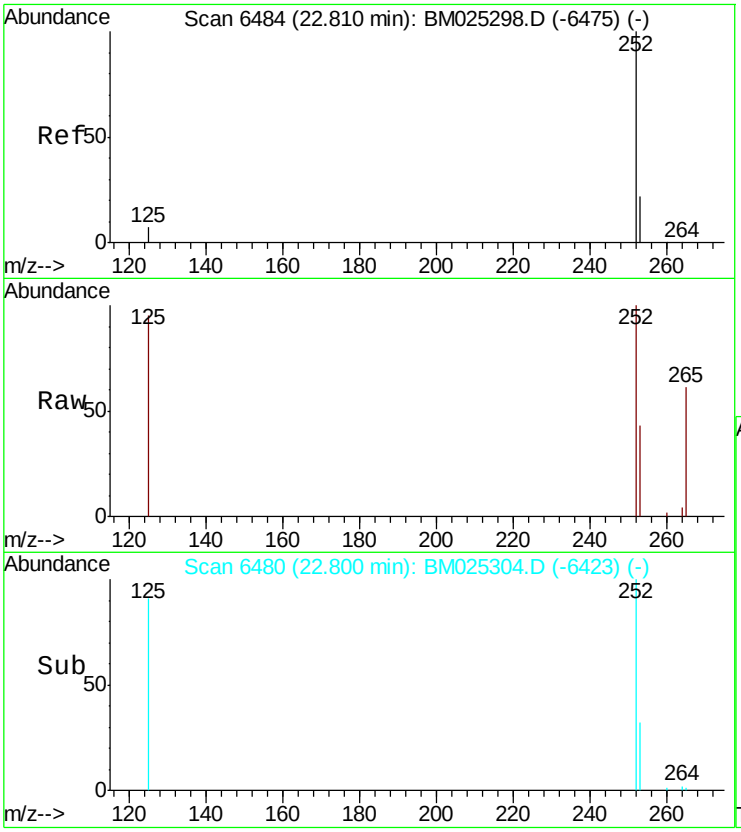


#21
Benzo(b)fluoranthene
Concen: 0.162 ng/ul m
RT: 22.76 min Scan# 6464
Delta R.T. -0.01 min
Lab File: BM025304.D
Acq: 06 Mar 2020 02:10

Tgt Ion:252 Resp: 16740

Ion	Ratio	Lower	Upper
252	100		
253	27.9	0.0	49.8
125	12.6	0.0	28.6

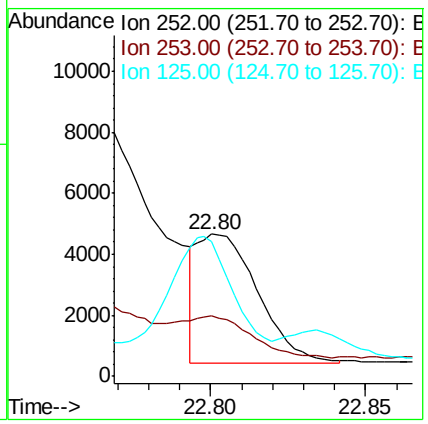




#22
Benzo(k)fluoranthene
Concen: 0.053 ng/ul m
RT: 22.80 min Scan# 6480
Delta R.T. -0.01 min
Lab File: BM025304.D
Acq: 06 Mar 2020 02:10

Tgt Ion:252 Resp: 5766

Ion	Ratio	Lower	Upper
252	100		
253	42.6	19.4	29.0#
125	94.6	10.7	16.1#



Instrument :
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ClientSampleId :
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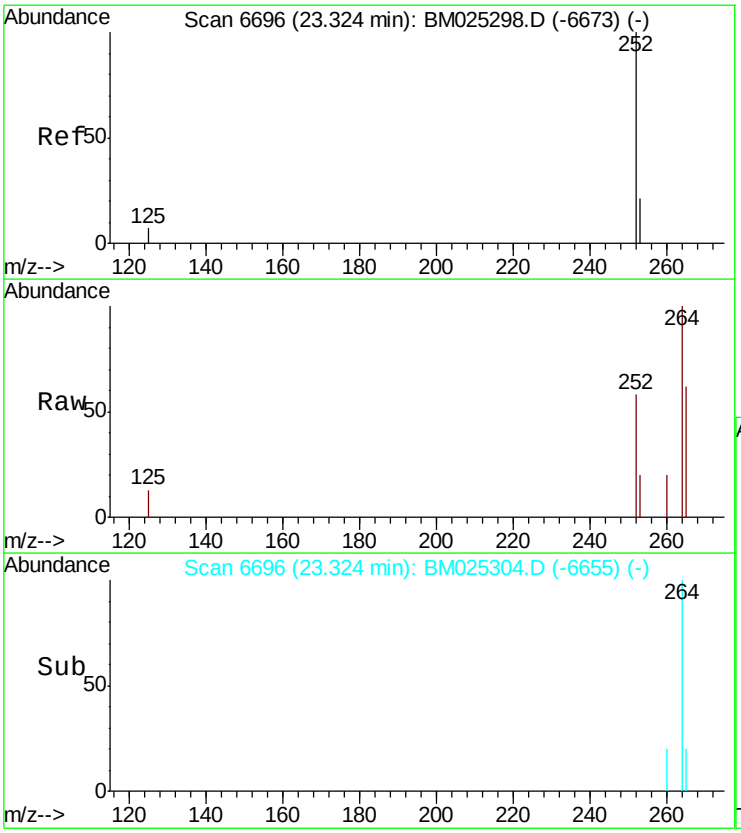
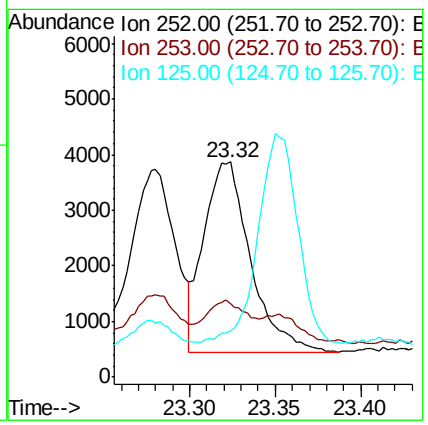
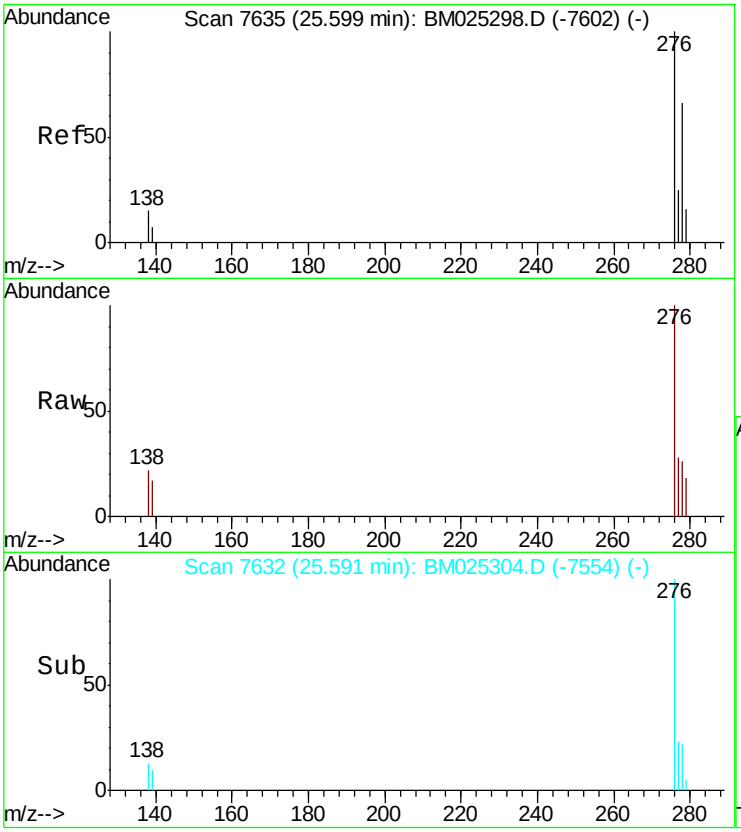


#23
Benzo(a)pyrene
Concen: 0.074 ng/ul
RT: 23.32 min Scan# 6696
Delta R.T. 0.00 min
Lab File: BM025304.D
Acq: 06 Mar 2020 02:10

Tgt Ion:252 Resp: 6460

Ion	Ratio	Lower	Upper
252	100		
253	34.1	20.3	30.5#
125	21.6	13.0	19.4#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.036 ng/ul
RT: 25.59 min Scan# 7632
Delta R.T. -0.01 min
Lab File: BM025304.D
Acq: 06 Mar 2020 02:10

Tgt Ion:276 Resp: 3872

Ion	Ratio	Lower	Upper
276	100		
138	24.8	0.0	0.0#
227	0.0	0.0	0.0

Instrument :
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ClientSampleId :
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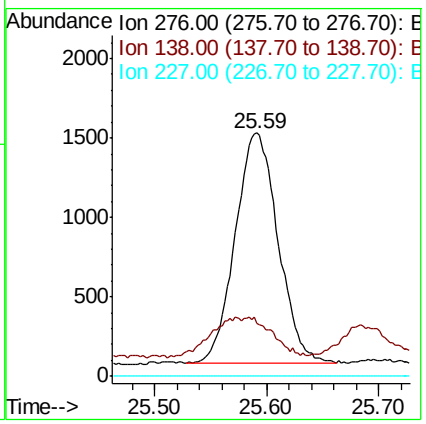

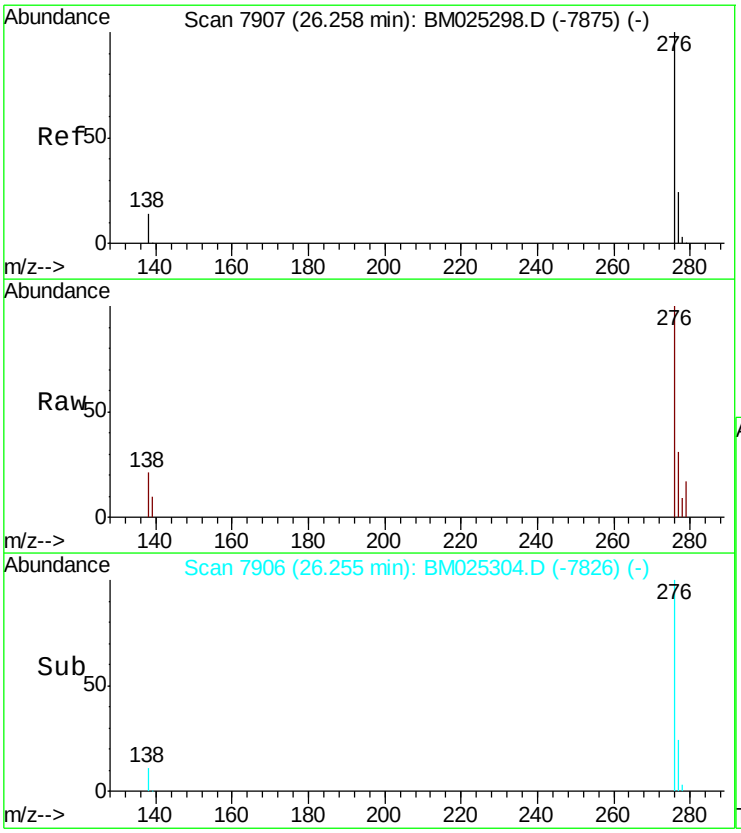

#26
Benzo(g,h,i)perylene
Concen: 0.038 ng/ul
RT: 26.26 min Scan# 7906
Delta R.T. -0.01 min
Lab File: BM025304.D
Acq: 06 Mar 2020 02:10

Tgt Ion:276 Resp: 3515

Ion	Ratio	Lower	Upper
276	100		
138	20.8	17.9	26.9
277	30.8	20.5	30.7#