Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025484.D
Acq On : 11 Mar 2020 10:49
Operator : CG/JU
Sample : L1677-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0CC9

Manual Integrations APPROVED
mohammad
3/13/2020 8:48:30 AM

Quant Time: Mar 11 13:48:14 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 : Wed Mar 11 07:15:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	2815	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	12293	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	8271	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	16574	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	11500	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	11670	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1856	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	3992	0.09	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.47	128	3758	0.103	ng/ul	96
5) 2-Methylnaphthalene	12.09	142	1821	0.070	ng/ul	98
7) Acenaphthylene	14.00	152	2845	0.084	ng/ul#	95
8) Acenaphthene	14.35	153	1200	0.040	ng/ul	99
9) Fluorene	15.34	166	2434	0.067	ng/ul#	98
12) Phenanthrene	17.07	178	38919	0.741	ng/ul	99
13) Anthracene	17.16	178	12809	0.280	ng/ul	99
15) Fluoranthene	19.09	202	86034	1.511	ng/ul	99
17) Pyrene	19.45	202	73925	1.432	ng/ul	98
18) Benzo(a)anthracene	21.20	228	37812	0.920	ng/ul	97
19) Chrysene	21.25	228	38940	0.843	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	41854m	0.906	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	18676m	0.386	ng/ul	
23) Benzo(a)pyrene	23.31	252	26950	0.702	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.57	276	17523	0.337	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.58	278	5120	0.117	ng/ul#	84
26) Benzo(g,h,i)perylene	26.24	276	16067	0.356	ng/ul	97

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

Quantitation Report (QT Reviewed)

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ClientSampleId :
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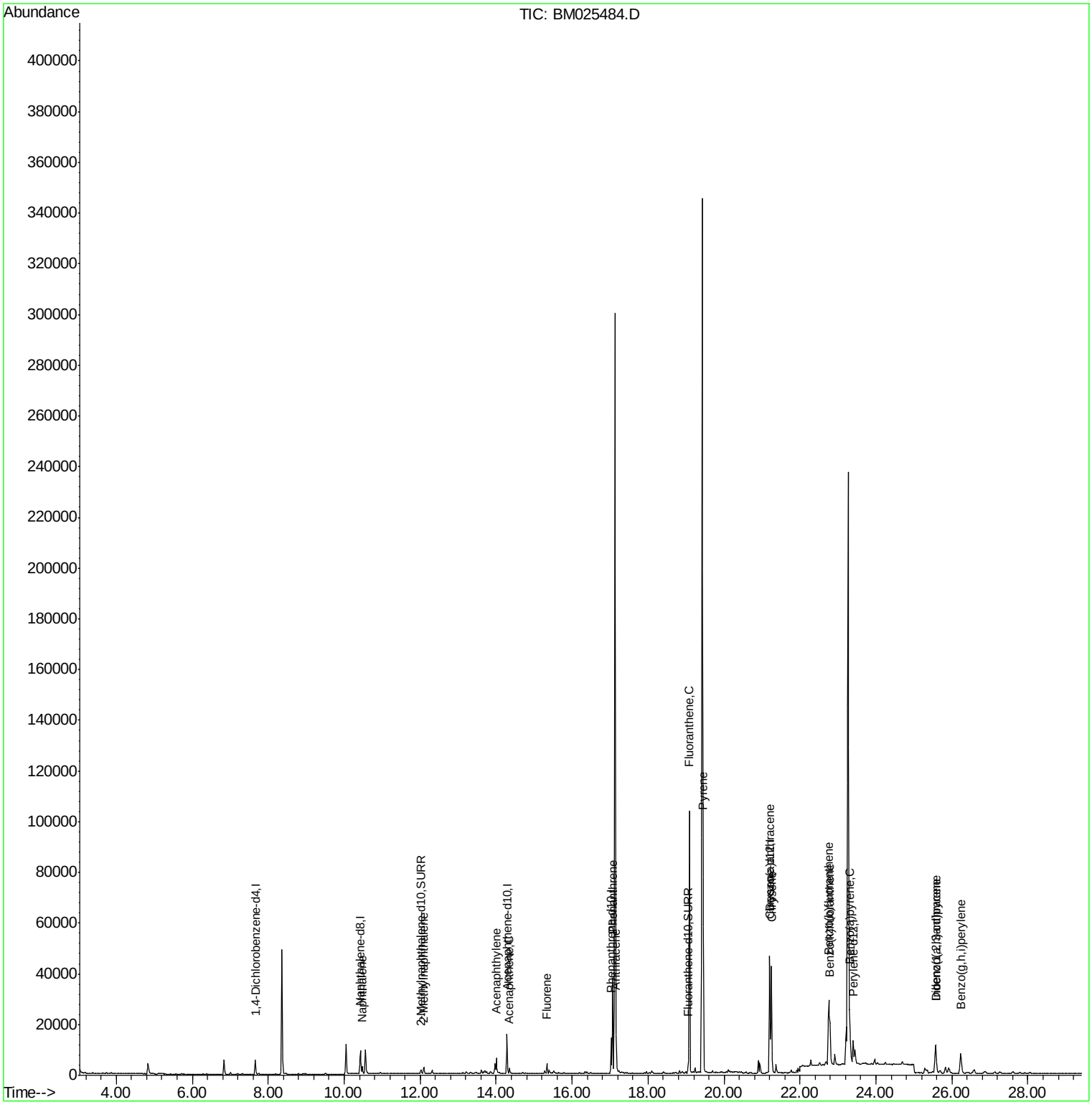

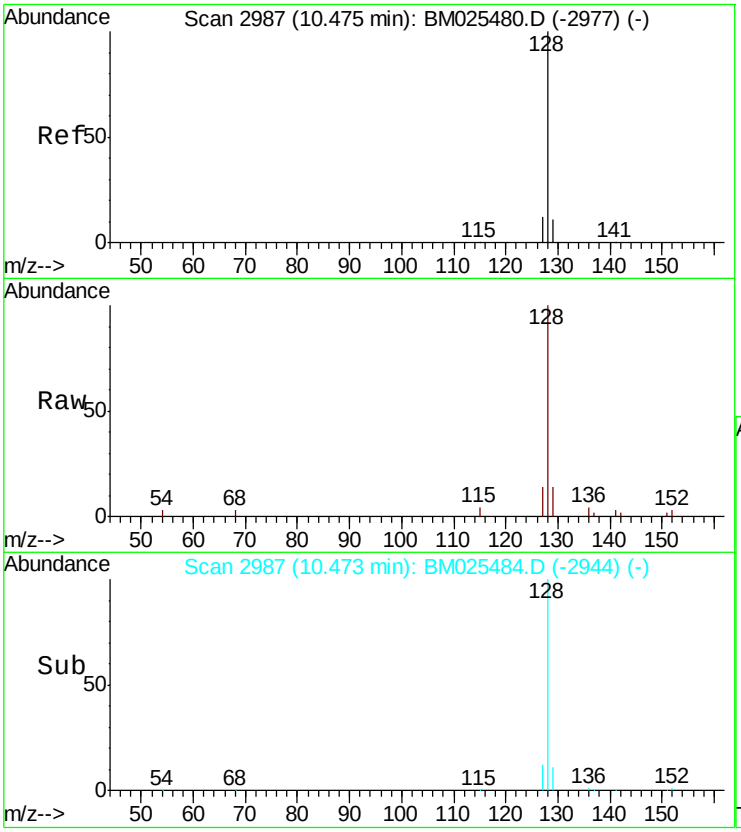

#3
Naphthalene
Concen: 0.103 ng/ul
RT: 10.47 min Scan# 2987
Delta R.T. -0.00 min
Lab File: BM025484.D
Acq: 11 Mar 2020 10:49

Tgt Ion:128 Resp: 3758

Ion	Ratio	Lower	Upper
128	100		
129	13.8	9.4	14.0
127	14.4	10.9	16.3

Instrument :
BNA_M
ClientSampleId :
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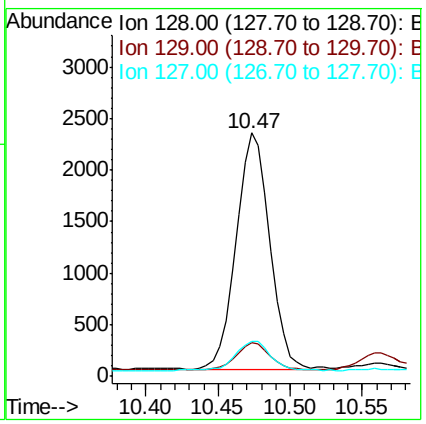
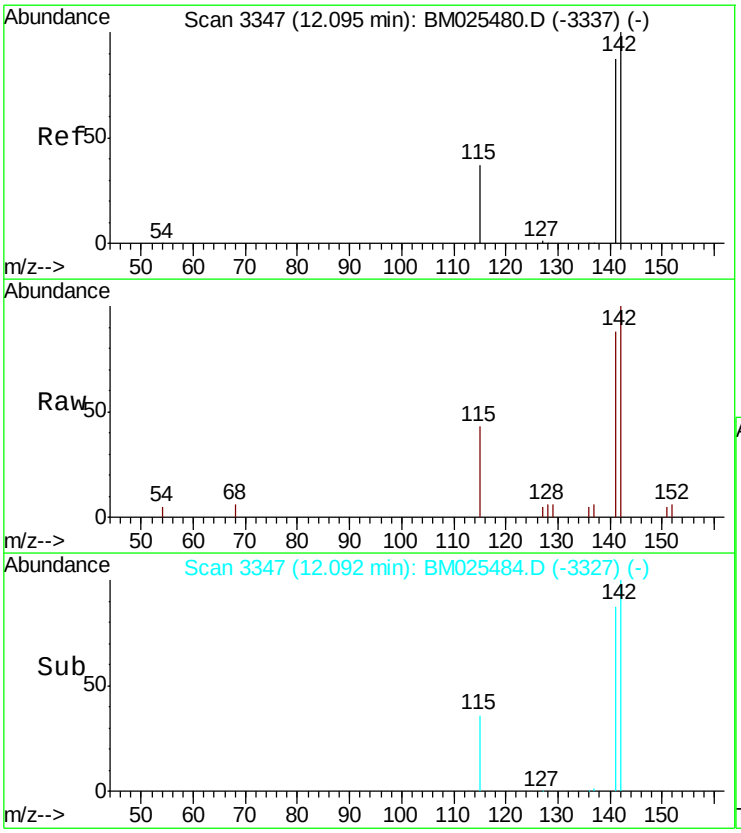
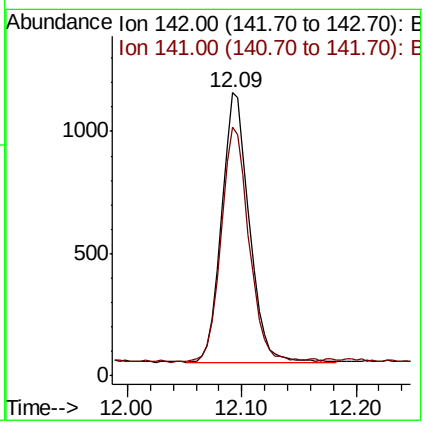


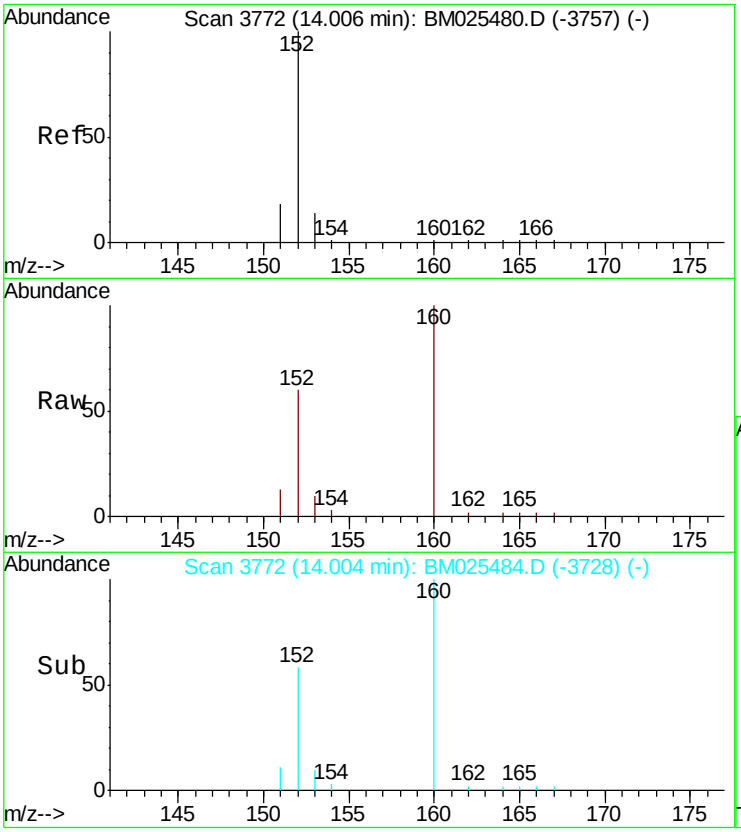


#5
2-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 12.09 min Scan# 3347
Delta R.T. -0.01 min
Lab File: BM025484.D
Acq: 11 Mar 2020 10:49

Tgt Ion:142 Resp: 1821

Ion	Ratio	Lower	Upper
142	100		
141	89.0	69.8	104.6

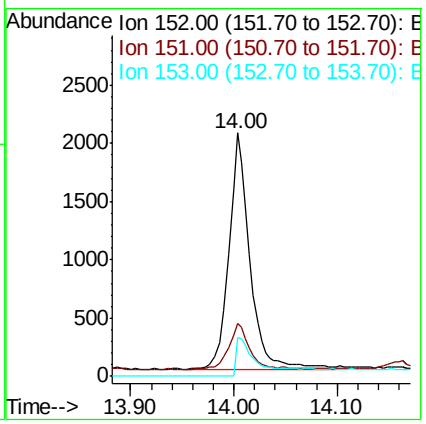




#7
Acenaphthylene
Concen: 0.084 ng/ul
RT: 14.00 min Scan# 3772
Delta R.T. -0.00 min
Lab File: BM025484.D
Acq: 11 Mar 2020 10:49

Tgt Ion:152 Resp: 2845

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.2	24.2
153	16.2	10.6	16.0#



Instrument :
BNA_M
ClientSampleId :
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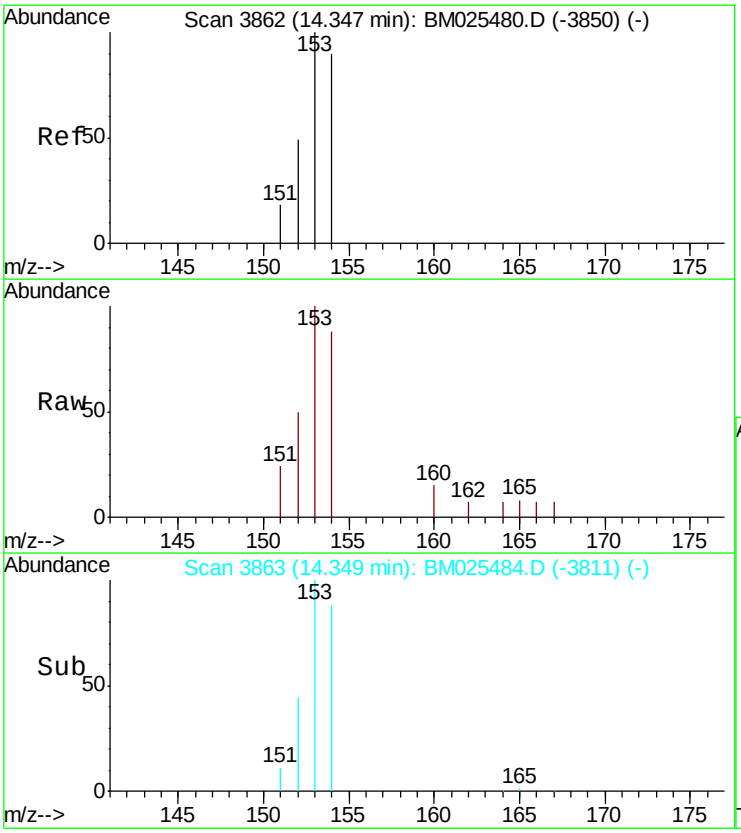
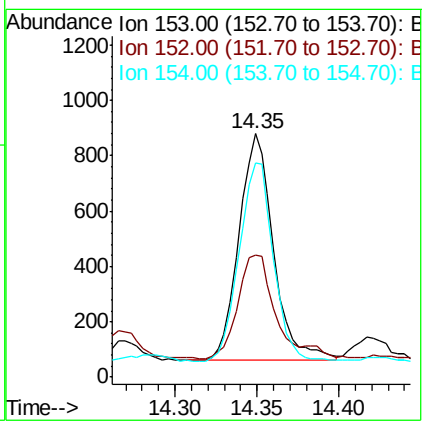
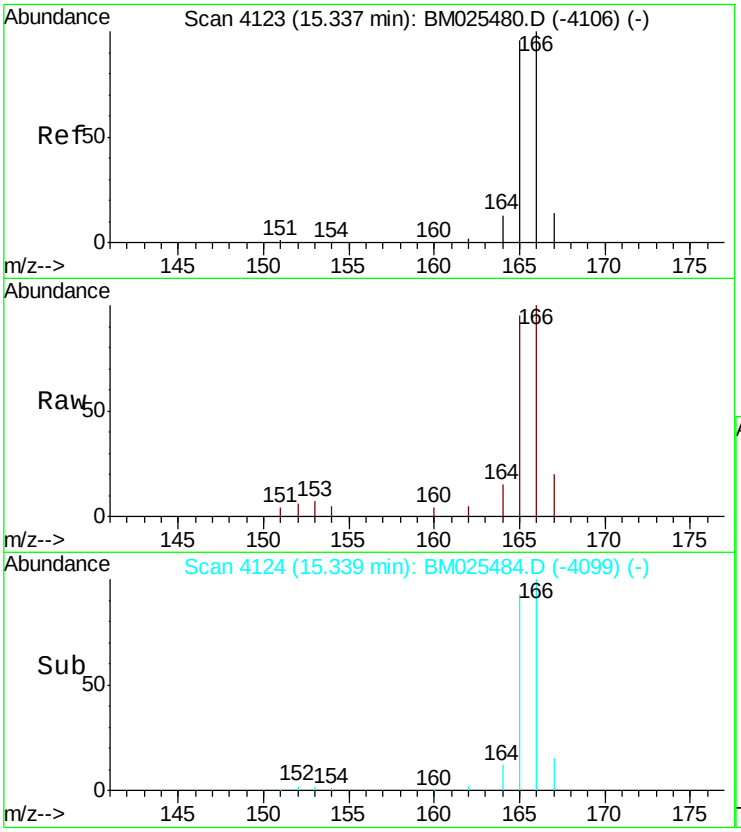


#8
Acenaphthene
Concen: 0.040 ng/ul
RT: 14.35 min Scan# 3863
Delta R.T. -0.00 min
Lab File: BM025484.D
Acq: 11 Mar 2020 10:49

Tgt Ion:153 Resp: 1200

Ion	Ratio	Lower	Upper
153	100		
152	49.9	39.5	59.3
154	88.2	71.7	107.5





#9
Fluorene
Concen: 0.067 ng/ul
RT: 15.34 min Scan# 4124
Delta R.T. -0.00 min
Lab File: BM025484.D
Acq: 11 Mar 2020 10:49

Tgt Ion:166 Resp: 2434

Ion	Ratio	Lower	Upper
166	100		
165	95.2	76.8	115.2
167	19.6	11.2	16.8#

Instrument :
BNA_M
ClientSampleId :
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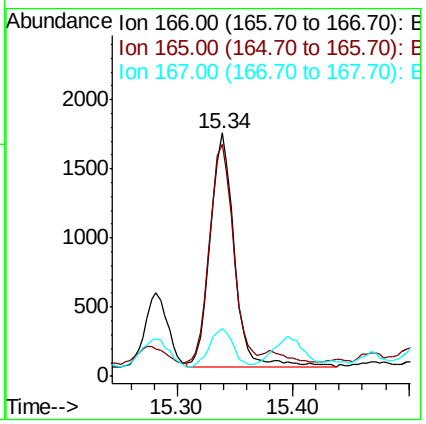
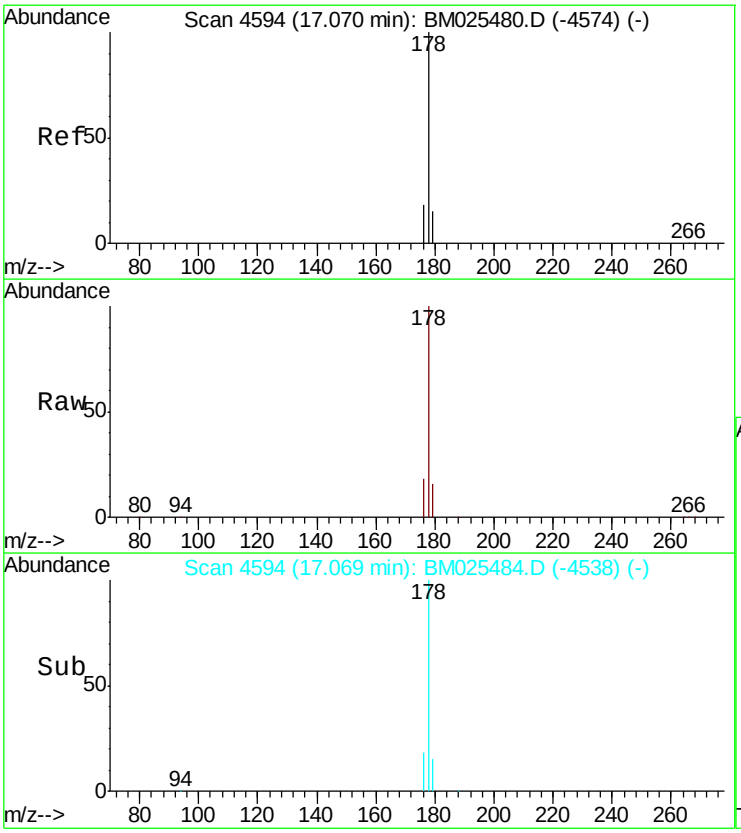
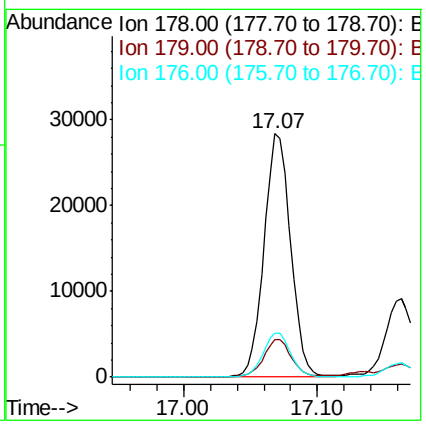


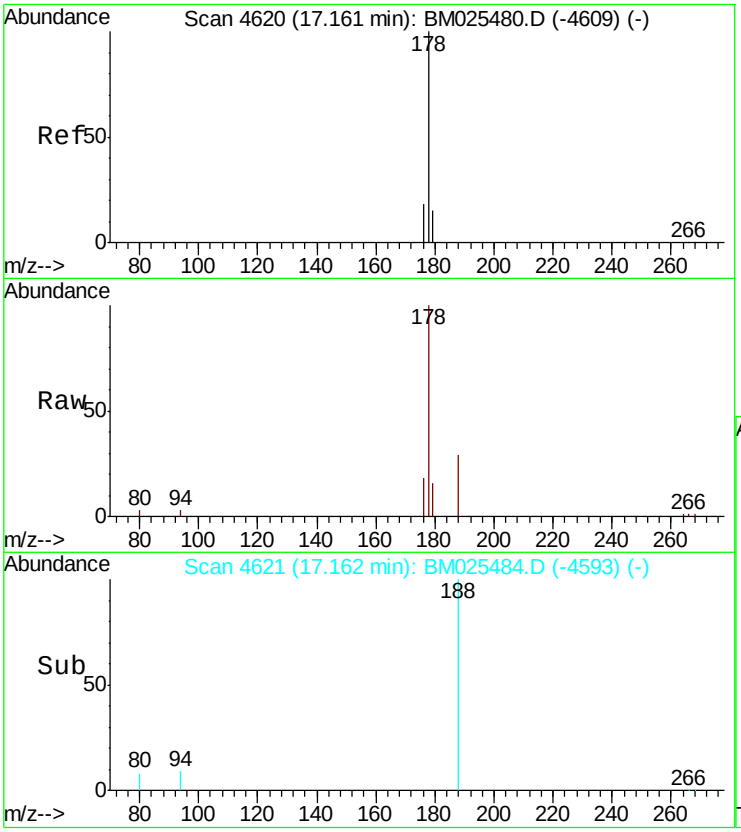


#12
Phenanthrene
Concen: 0.741 ng/ul
RT: 17.07 min Scan# 4594
Delta R.T. -0.01 min
Lab File: BM025484.D
Acq: 11 Mar 2020 10:49

Tgt Ion:178 Resp: 38919

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	18.2	14.8	22.2

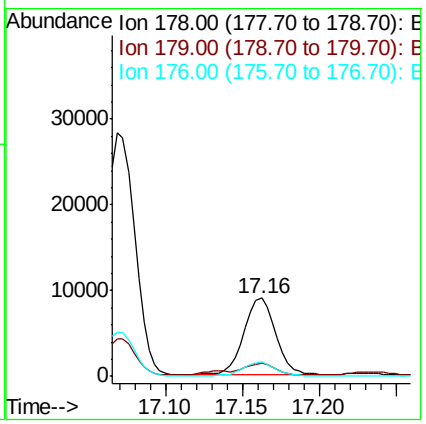




#13
Anthracene
Concen: 0.280 ng/ul
RT: 17.16 min Scan# 4621
Delta R.T. -0.00 min
Lab File: BM025484.D
Acq: 11 Mar 2020 10:49

Tgt Ion:178 Resp: 12809

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	18.8
176	18.3	14.5	21.7



Instrument :
BNA_M
ClientSampleId :
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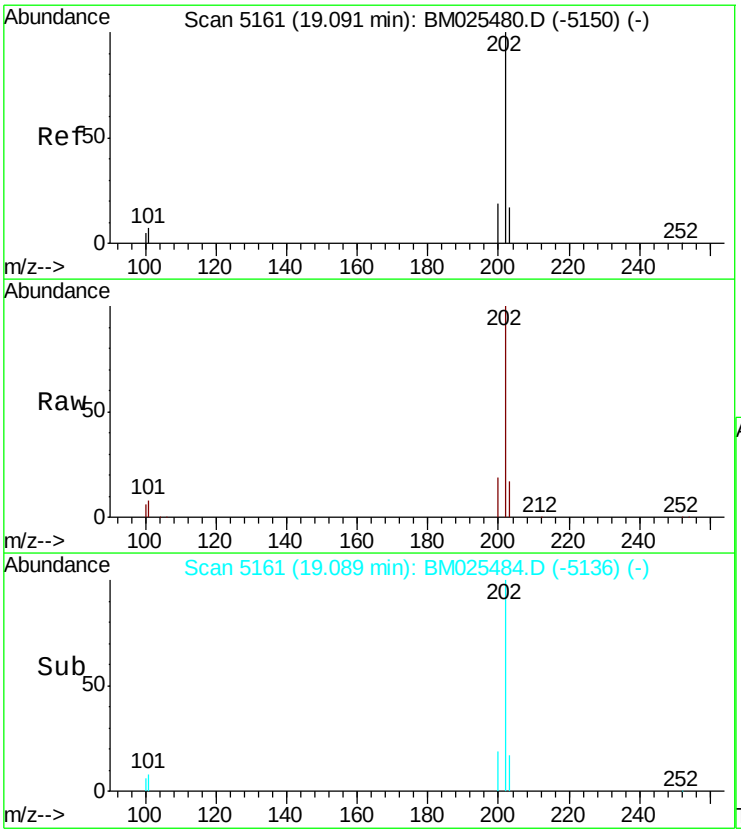
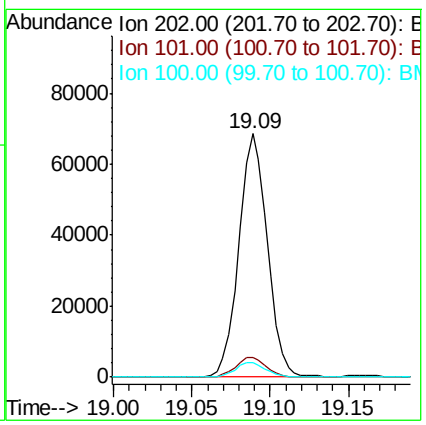
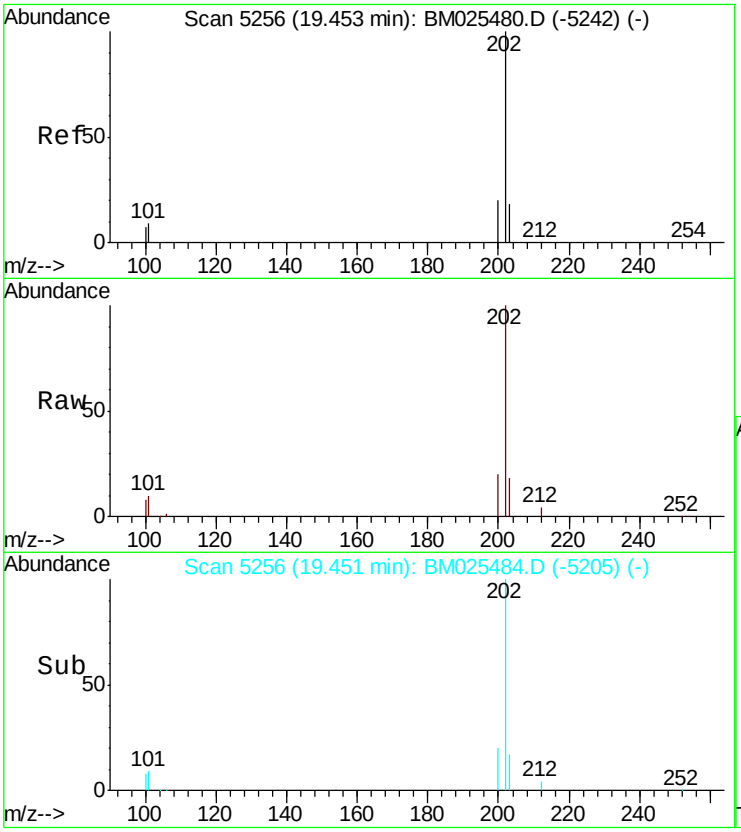


#15
Fluoranthene
Concen: 1.511 ng/ul
RT: 19.09 min Scan# 5161
Delta R.T. -0.00 min
Lab File: BM025484.D
Acq: 11 Mar 2020 10:49

Tgt Ion:202 Resp: 86034

Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	27.5
100	6.2	0.0	26.0





#17
Pyrene
Concen: 1.432 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. -0.00 min
Lab File: BM025484.D
Acq: 11 Mar 2020 10:49

Tgt Ion:202 Resp: 73925

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.1	10.7
100	8.0	6.0	9.0

Instrument :
BNA_M
ClientSampleId :
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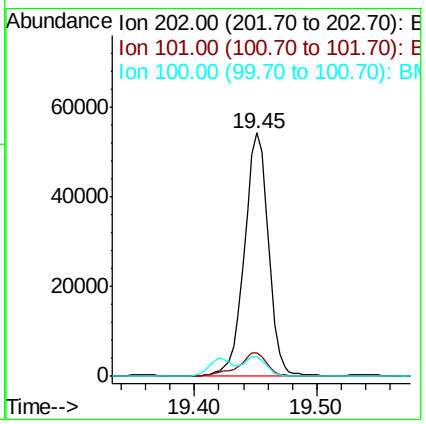
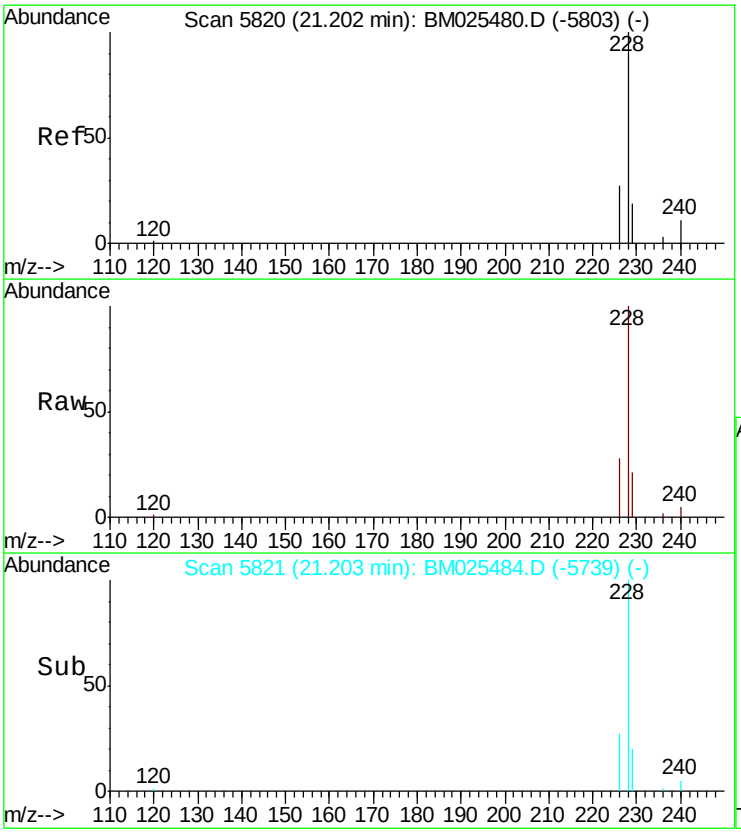
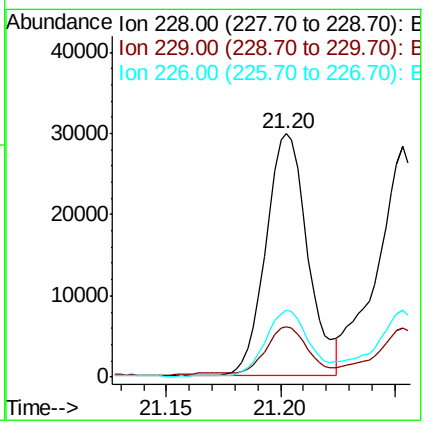


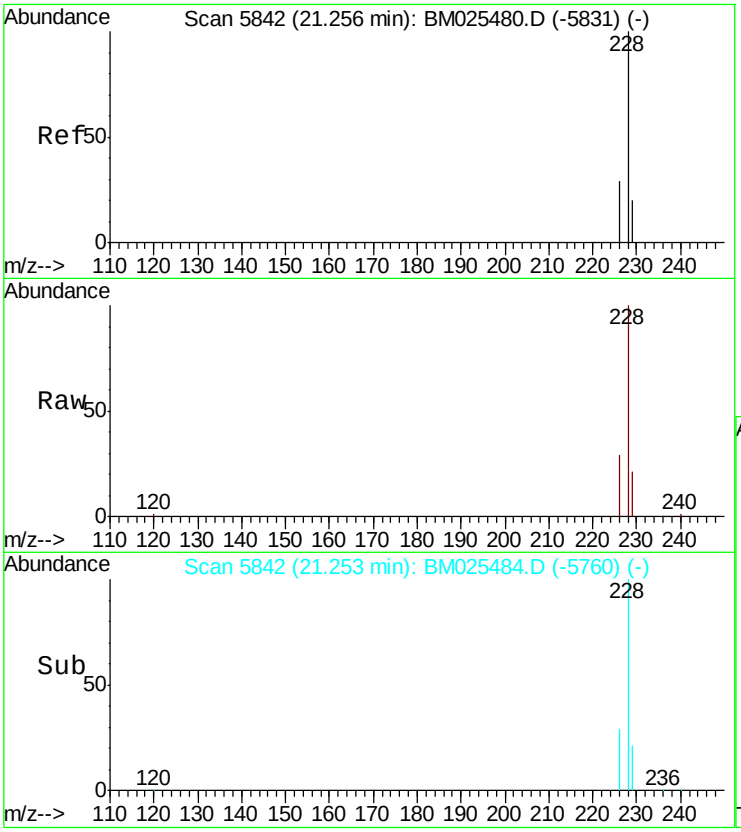


#18
Benzo(a)anthracene
Concen: 0.920 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.00 min
Lab File: BM025484.D
Acq: 11 Mar 2020 10:49

Tgt Ion:228 Resp: 37812

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.6	23.4
226	27.5	21.1	31.7

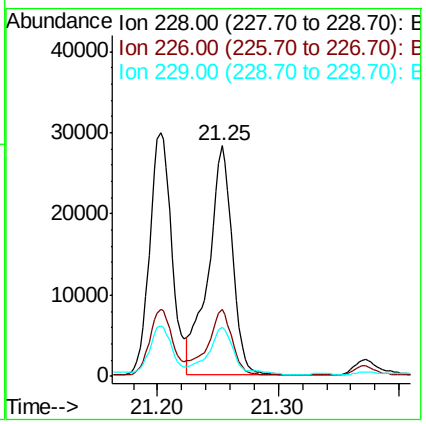




#19
Chrysene
Concen: 0.843 ng/ul
RT: 21.25 min Scan# 5842
Delta R.T. -0.00 min
Lab File: BM025484.D
Acq: 11 Mar 2020 10:49

Tgt Ion:228 Resp: 38940

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.6	35.4
229	21.4	16.3	24.5



Instrument :
BNA_M
ClientSampleId :
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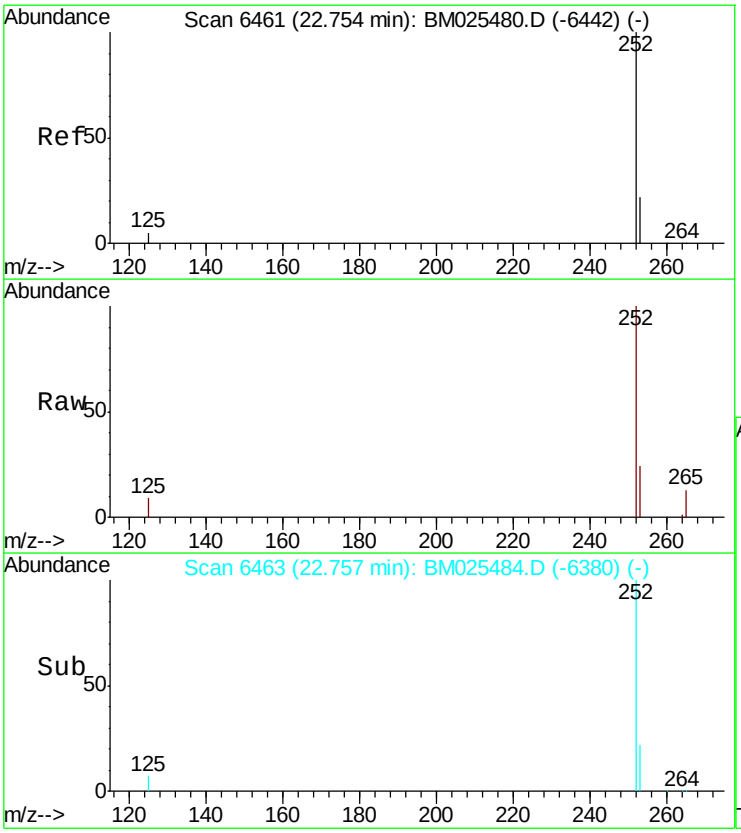
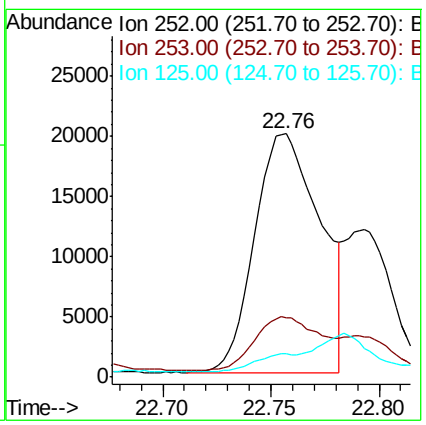
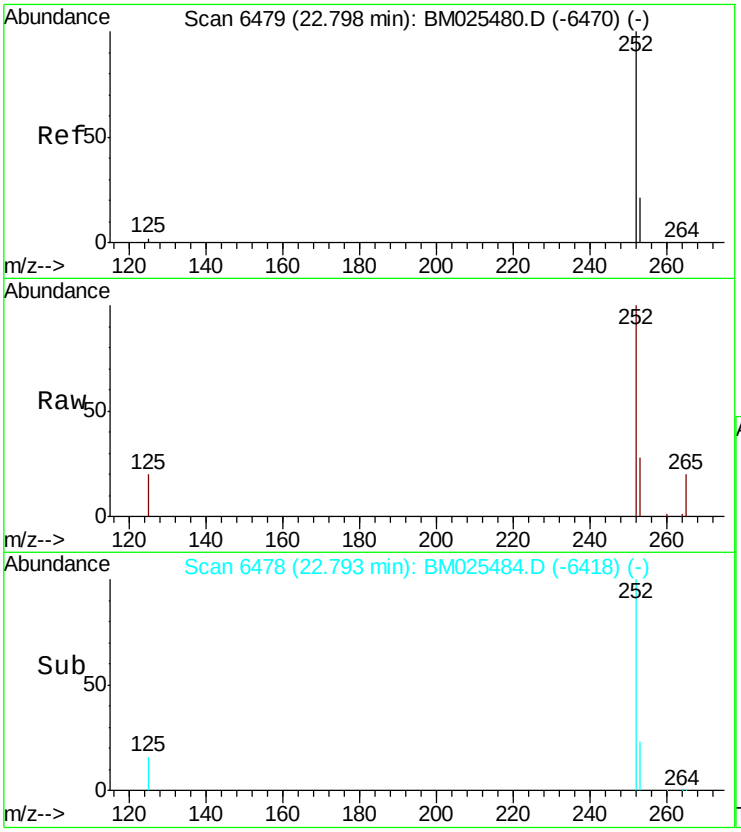


#21
Benzo(b)fluoranthene
Concen: 0.906 ng/ul m
RT: 22.76 min Scan# 6463
Delta R.T. 0.00 min
Lab File: BM025484.D
Acq: 11 Mar 2020 10:49

Tgt Ion:252 Resp: 41854

Ion	Ratio	Lower	Upper
252	100		
253	24.5	0.0	50.2
125	9.5	0.0	17.6





#22
Benzo(k)fluoranthene
Concen: 0.386 ng/ul m
RT: 22.79 min Scan# 6478
Delta R.T. -0.01 min
Lab File: BM025484.D
Acq: 11 Mar 2020 10:49

Tgt Ion:252 Resp: 18676

Ion	Ratio	Lower	Upper
252	100		
253	27.6	19.8	29.8
125	19.5	7.1	10.7#

Instrument :
BNA_M
ClientSampleId :
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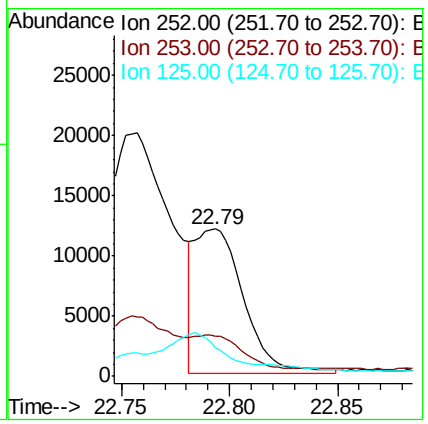
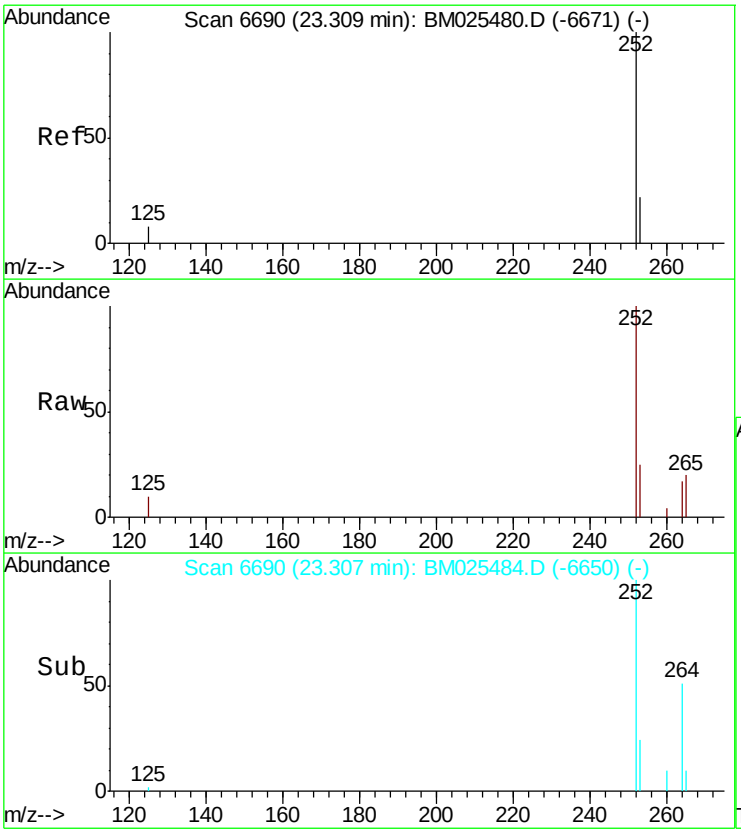
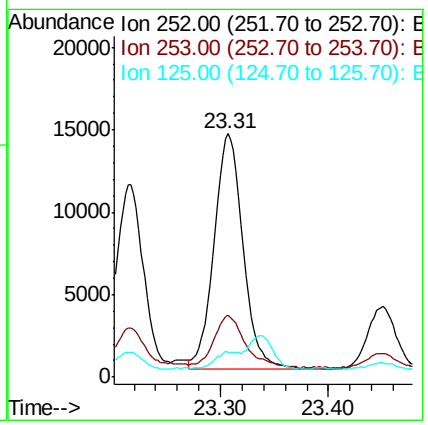


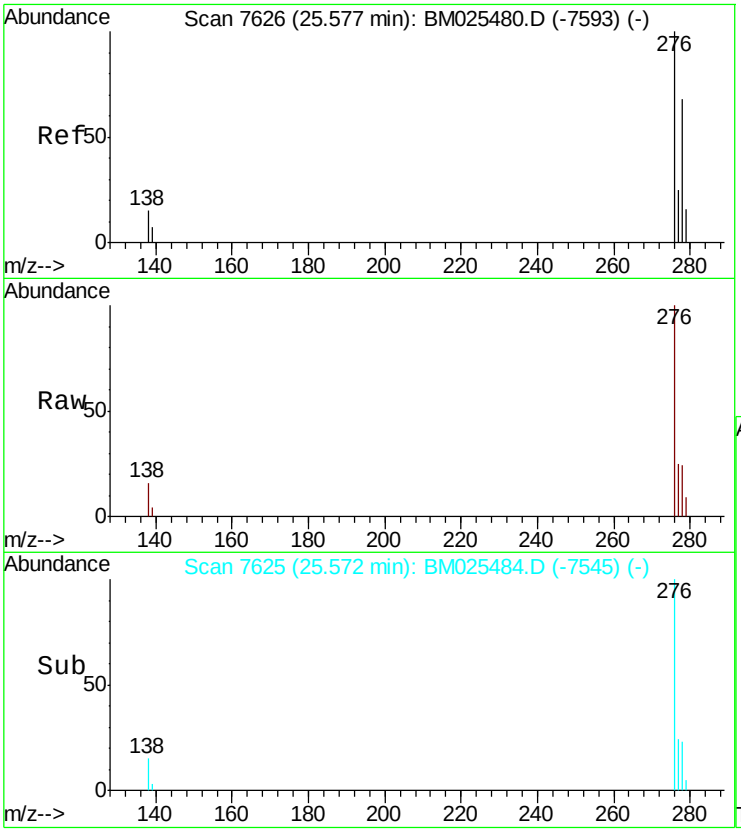


#23
Benzo(a)pyrene
Concen: 0.702 ng/ul
RT: 23.31 min Scan# 6690
Delta R.T. -0.00 min
Lab File: BM025484.D
Acq: 11 Mar 2020 10:49

Tgt Ion:252 Resp: 26950

Ion	Ratio	Lower	Upper
252	100		
253	25.4	21.3	31.9
125	10.0	8.5	12.7





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.337 ng/ul
RT: 25.57 min Scan# 7625
Delta R.T. -0.00 min
Lab File: BM025484.D
Acq: 11 Mar 2020 10:49

Tgt Ion:276 Resp: 17523

Ion	Ratio	Lower	Upper
276	100		
138	15.0	12.3	18.5
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
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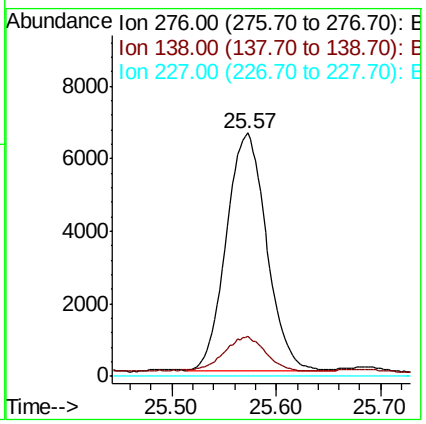
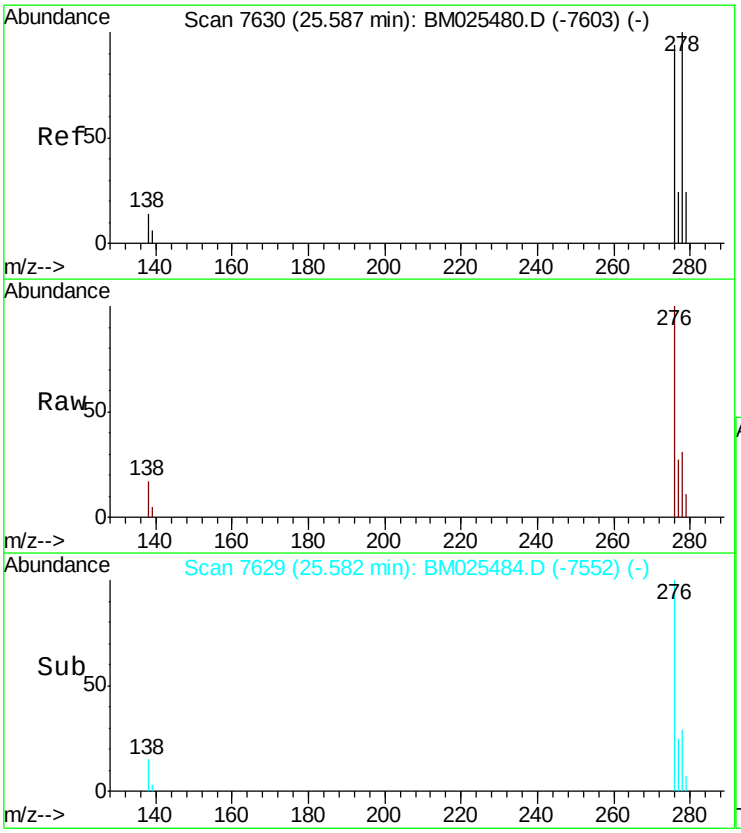
3/13/2020 8:48:30 AM

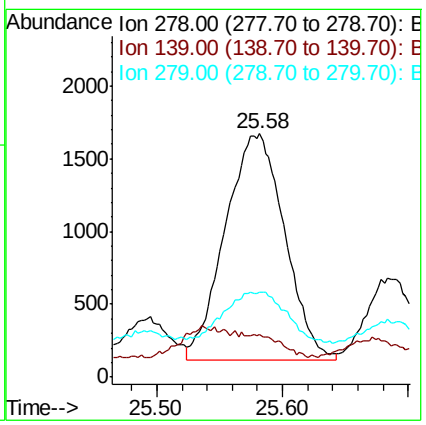


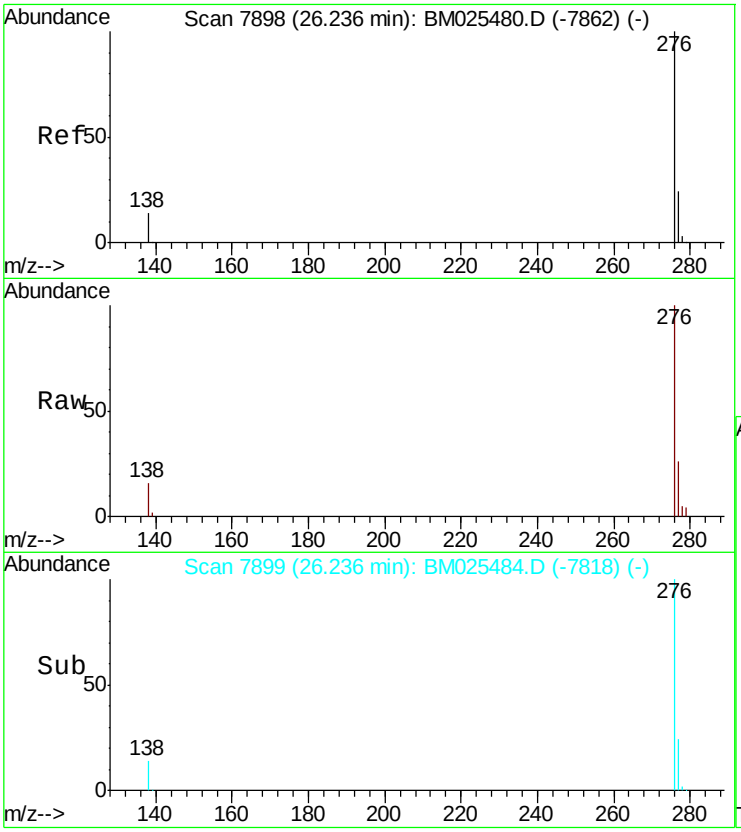


#25
Dibenzo(a,h)anthracene
Concen: 0.117 ng/ul
RT: 25.58 min Scan# 7629
Delta R.T. -0.01 min
Lab File: BM025484.D
Acq: 11 Mar 2020 10:49

Tgt Ion:278 Resp: 5120

Ion	Ratio	Lower	Upper
278	100		
139	17.3	9.0	13.6#
279	34.8	21.1	31.7#

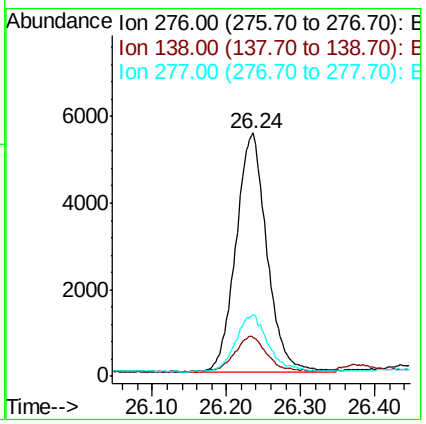




#26
Benzo(g,h,i)perylene
Concen: 0.356 ng/ul
RT: 26.24 min Scan# 7899
Delta R.T. -0.00 min
Lab File: BM025484.D
Acq: 11 Mar 2020 10:49

Tgt Ion:276 Resp: 16067

Ion	Ratio	Lower	Upper
276	100		
138	16.0	11.0	16.4
277	25.5	19.8	29.6



Instrument :
BNA_M
ClientSampleId :
C0CC9

Manual Integrations APPROVED
mohammad
3/13/2020 8:48:30 AM