Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
Data File : BM025635.D
Acq On : 18 Mar 2020 18:46
Operator : CG/JU
Sample : L1786-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD0

Manual Integrations APPROVED
mohammad
3/19/2020 12:35:50 PM

Quant Time: Mar 18 19:20:55 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 18 05:07:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2894	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	12321	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	8079	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	18571	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	19087	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	22488	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	3944	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	10667	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.40	128	18015	0.494	ng/ul	99
5) 2-Methylnaphthalene	12.02	142	6794	0.261	ng/ul	100
7) Acenaphthylene	13.94	152	30112	0.912	ng/ul#	86
8) Acenaphthene	14.28	153	26995	0.932	ng/ul	100
9) Fluorene	15.27	166	44074	1.249	ng/ul	99
12) Phenanthrene	17.01	178	647642	11.004	ng/ul	99
13) Anthracene	17.10	178	173430	3.386	ng/ul	99
15) Fluoranthene	19.03	202	1602587	25.119	ng/ul	98
17) Pyrene	19.39	202	1279091	14.930	ng/ul	98
18) Benzo(a)anthracene	21.14	228	871481	12.771	ng/ul	99
19) Chrysene	21.20	228	790690	10.318	ng/ul	97
21) Benzo(b)fluoranthene	22.68	252	1059032m	11.893	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	410856m	4.404	ng/ul	
23) Benzo(a)pyrene	23.22	252	737629m	9.975	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.44	276	457948	4.565	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.44	278	136033	1.612	ng/ul	99
26) Benzo(g,h,i)perylene	26.08	276	313141	3.598	ng/ul	98

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

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 18 19:20:55 2020
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QLast Update : Wed Mar 18 05:07:34 2020
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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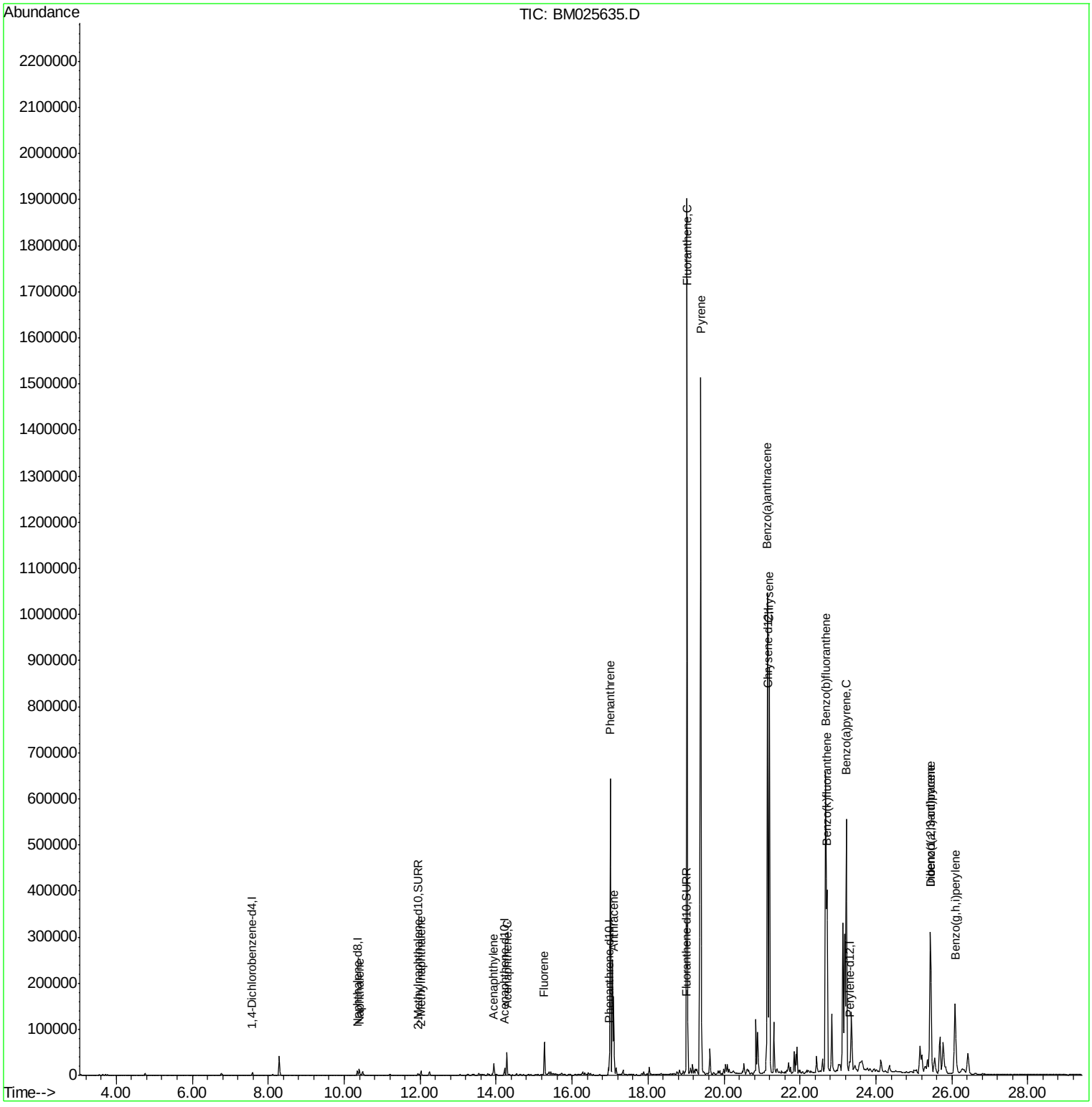
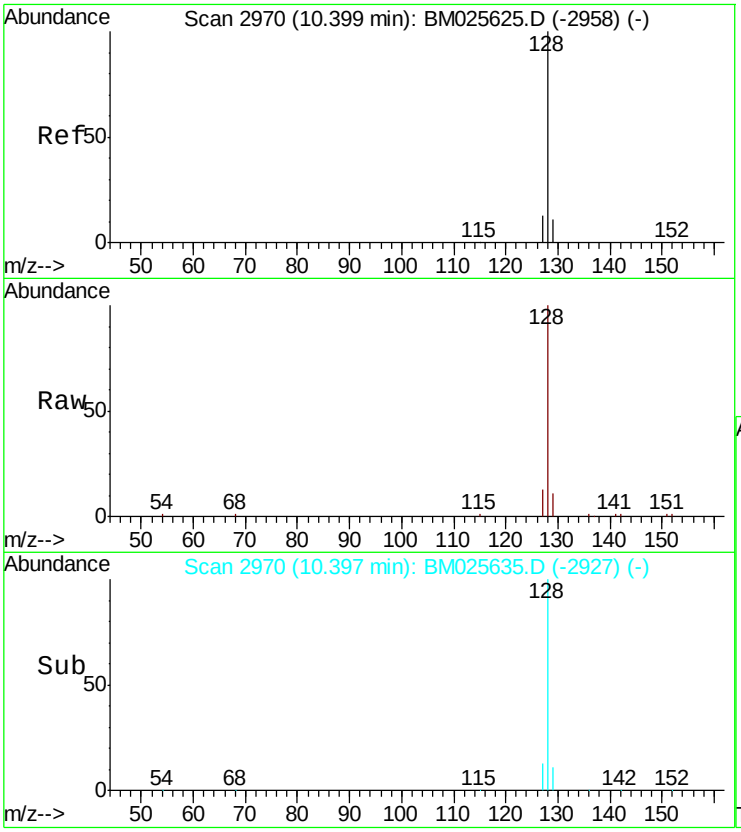
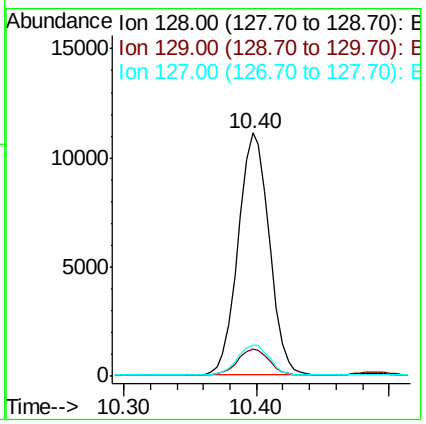




#3
Naphthalene
Concen: 0.494 ng/ul
RT: 10.40 min Scan# 2970
Delta R.T. -0.00 min
Lab File: BM025635.D
Acq: 18 Mar 2020 18:46

Tgt Ion:128 Resp: 18015

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	13.0	10.9	16.3



Instrument :
BNA_M
ClientSampleId :
C0AD0

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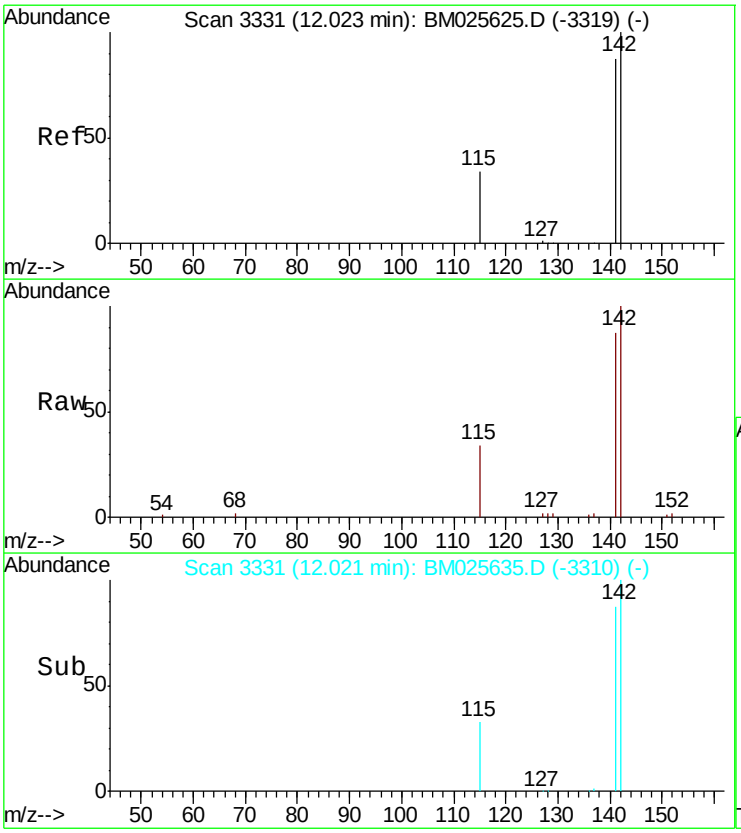
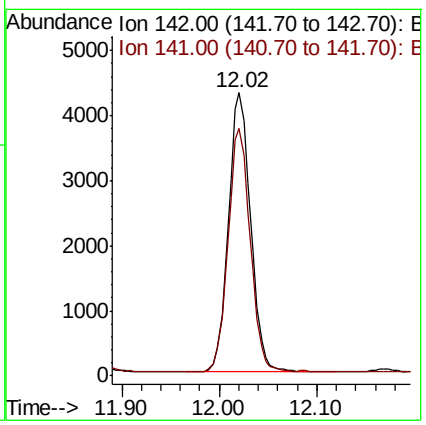
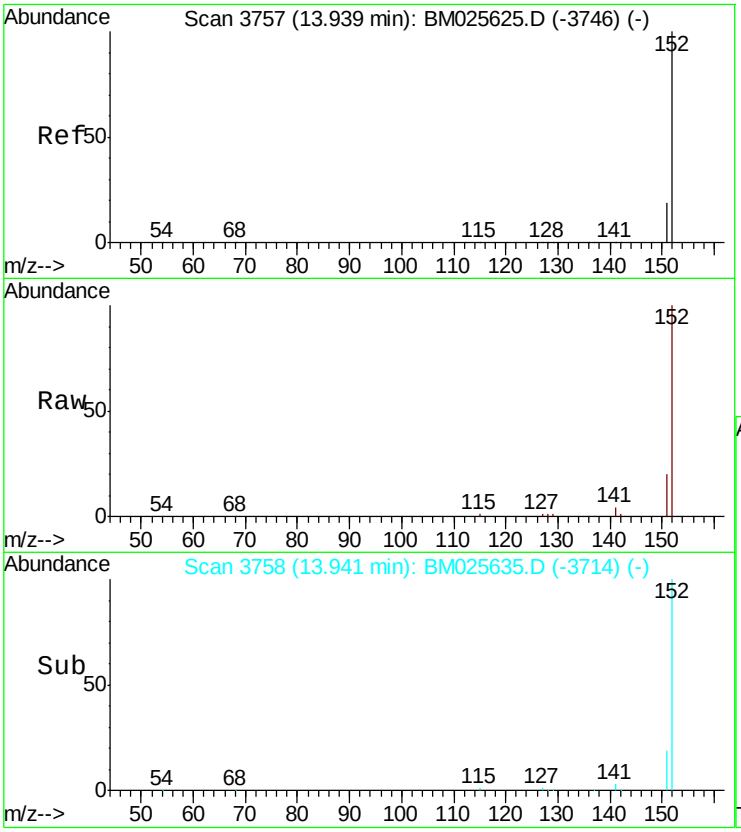


#5
2-Methylnaphthalene
Concen: 0.261 ng/ul
RT: 12.02 min Scan# 3331
Delta R.T. -0.00 min
Lab File: BM025635.D
Acq: 18 Mar 2020 18:46

Tgt Ion:142 Resp: 6794

Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.8	104.6





#7
Acenaphthylene
Concen: 0.912 ng/ul
RT: 13.94 min Scan# 3758
Delta R.T. 0.00 min
Lab File: BM025635.D
Acq: 18 Mar 2020 18:46

Tgt Ion:152 Resp: 30112

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.2
153	0.0	10.6	16.0#

Instrument :
BNA_M
ClientSampleId :
C0AD0

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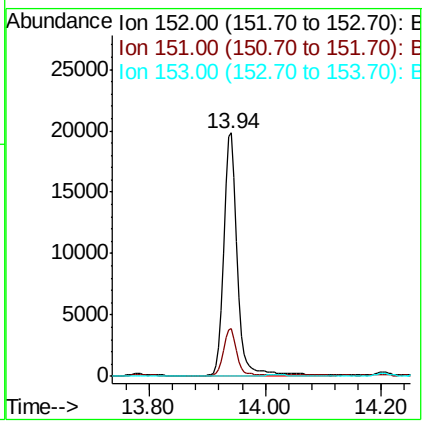
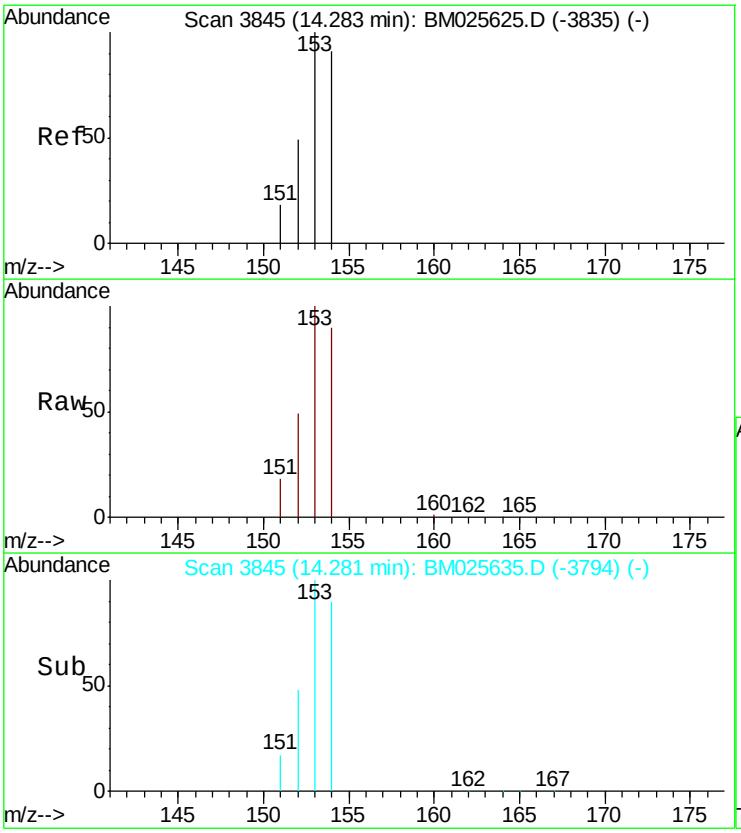
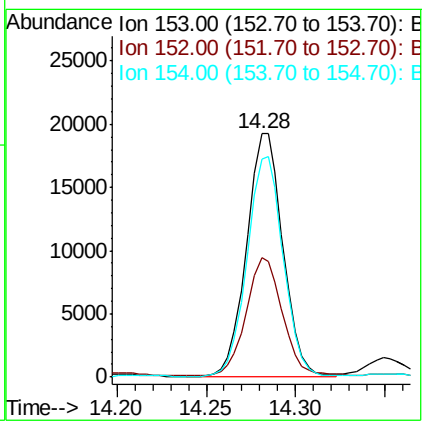


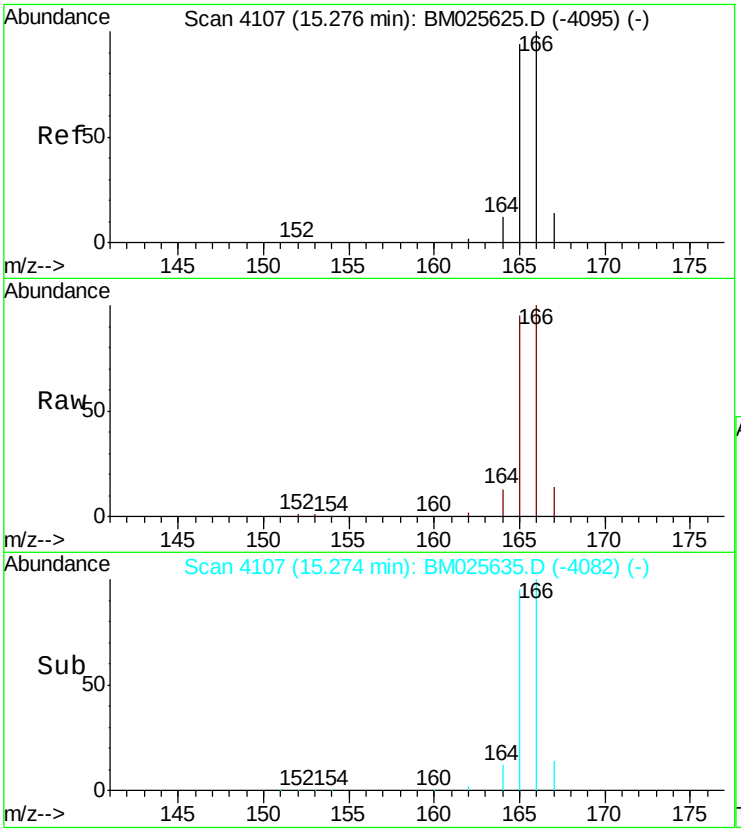


#8
Acenaphthene
Concen: 0.932 ng/ul
RT: 14.28 min Scan# 3845
Delta R.T. -0.01 min
Lab File: BM025635.D
Acq: 18 Mar 2020 18:46

Tgt Ion:153 Resp: 26995

Ion	Ratio	Lower	Upper
153	100		
152	49.1	39.5	59.3
154	89.5	71.7	107.5

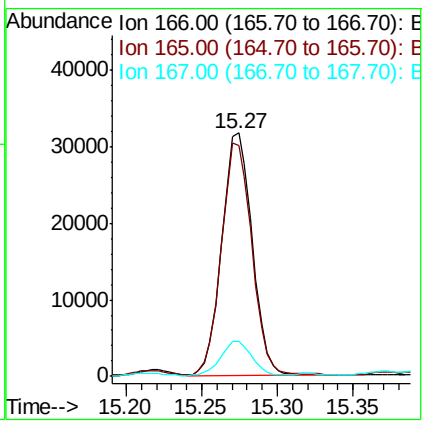




#9
Fluorene
Concen: 1.249 ng/ul
RT: 15.27 min Scan# 4107
Delta R.T. -0.00 min
Lab File: BM025635.D
Acq: 18 Mar 2020 18:46

Tgt Ion:166 Resp: 44074

Ion	Ratio	Lower	Upper
166	100		
165	95.1	76.8	115.2
167	14.3	11.2	16.8



Instrument :
BNA_M
ClientSampleId :
C0AD0

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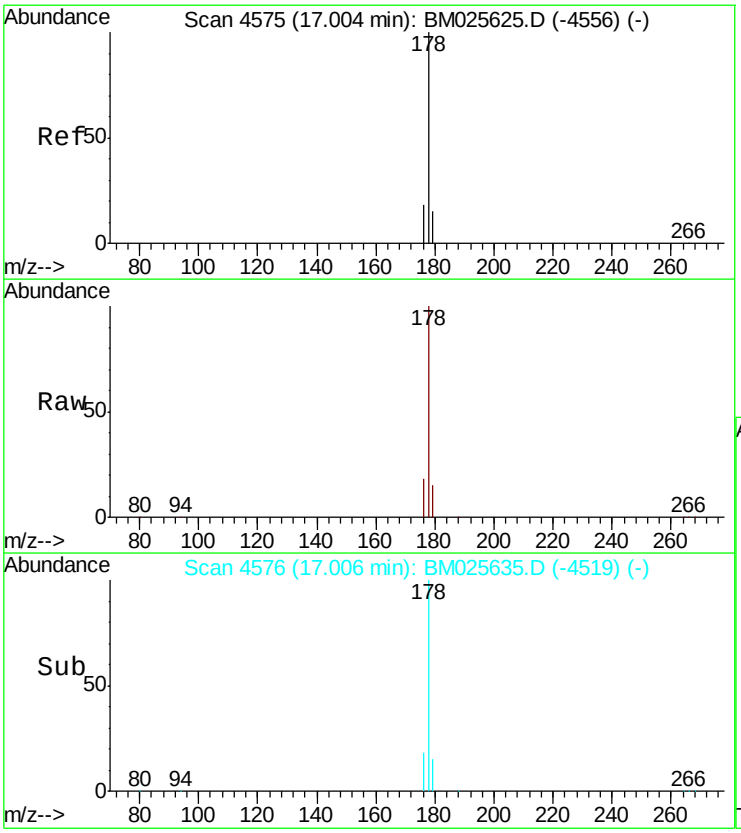
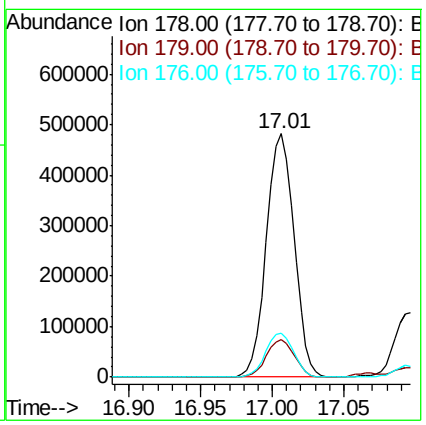
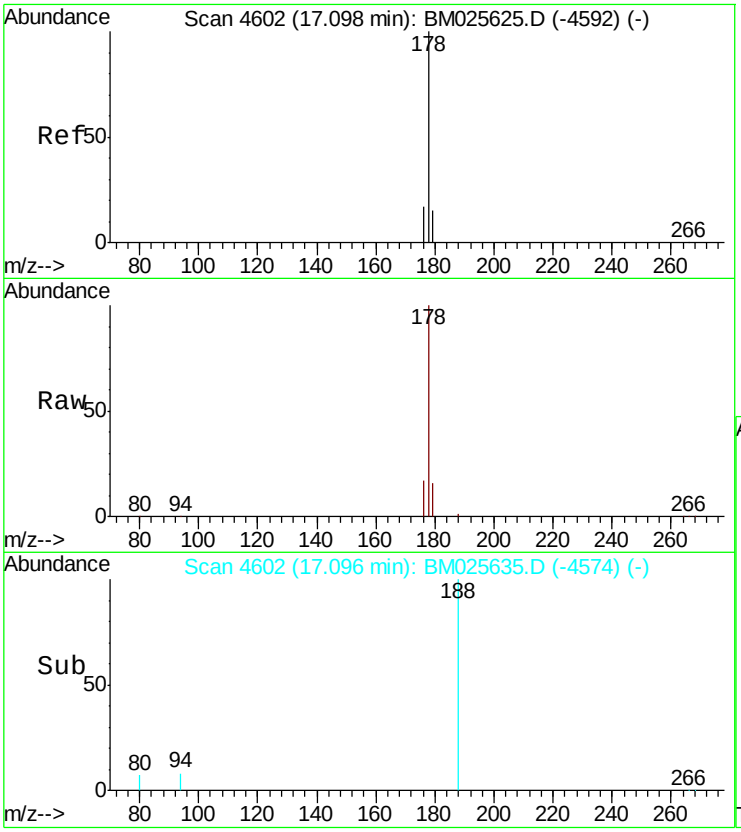


#12
Phenanthrene
Concen: 11.004 ng/ul
RT: 17.01 min Scan# 4576
Delta R.T. -0.00 min
Lab File: BM025635.D
Acq: 18 Mar 2020 18:46

Tgt Ion:178 Resp: 647642

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	18.0	14.8	22.2

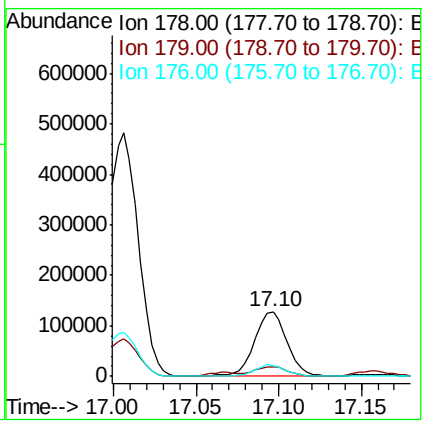




#13
Anthracene
Concen: 3.386 ng/ul
RT: 17.10 min Scan# 4602
Delta R.T. -0.00 min
Lab File: BM025635.D
Acq: 18 Mar 2020 18:46

Tgt Ion:178 Resp: 173430

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	17.4	14.5	21.7



Instrument :
BNA_M
ClientSampleId :
C0AD0

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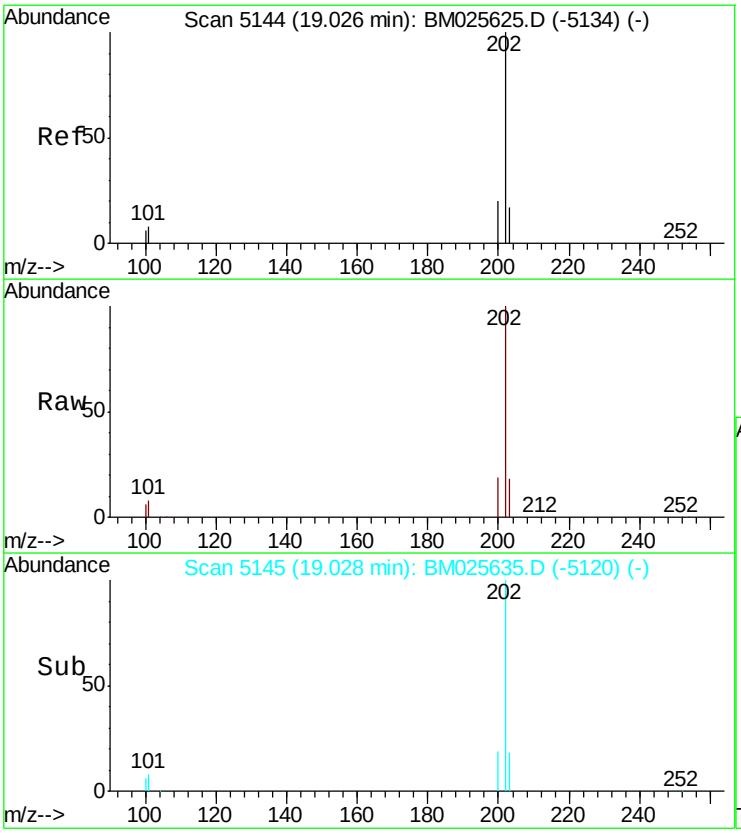
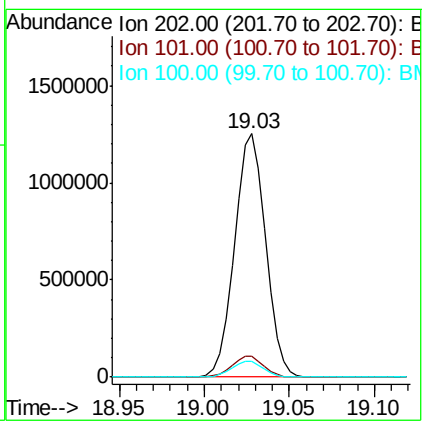
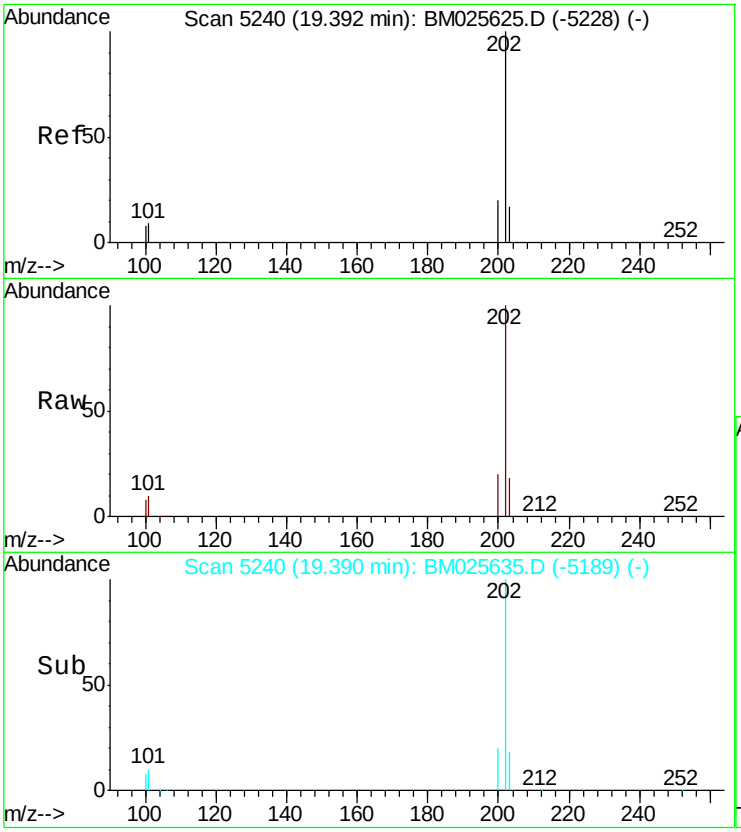


#15
Fluoranthene
Concen: 25.119 ng/ul
RT: 19.03 min Scan# 5145
Delta R.T. -0.00 min
Lab File: BM025635.D
Acq: 18 Mar 2020 18:46

Tgt Ion:202 Resp: 1602587

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	27.5
100	6.3	0.0	26.0

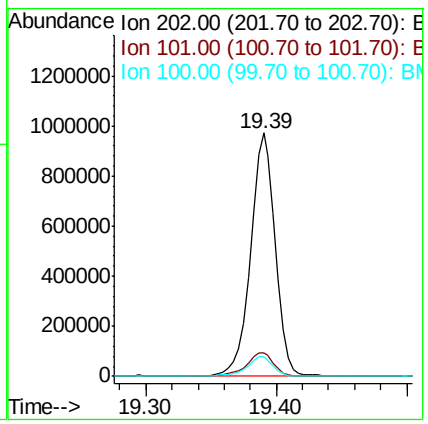




#17
Pyrene
Concen: 14.930 ng/ul
RT: 19.39 min Scan# 5240
Delta R.T. -0.00 min
Lab File: BM025635.D
Acq: 18 Mar 2020 18:46

Tgt Ion:202 Resp: 1279091

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.1	10.7
100	8.1	6.0	9.0



Instrument :
BNA_M
ClientSampleId :
C0AD0

Manual Integrations APPROVED
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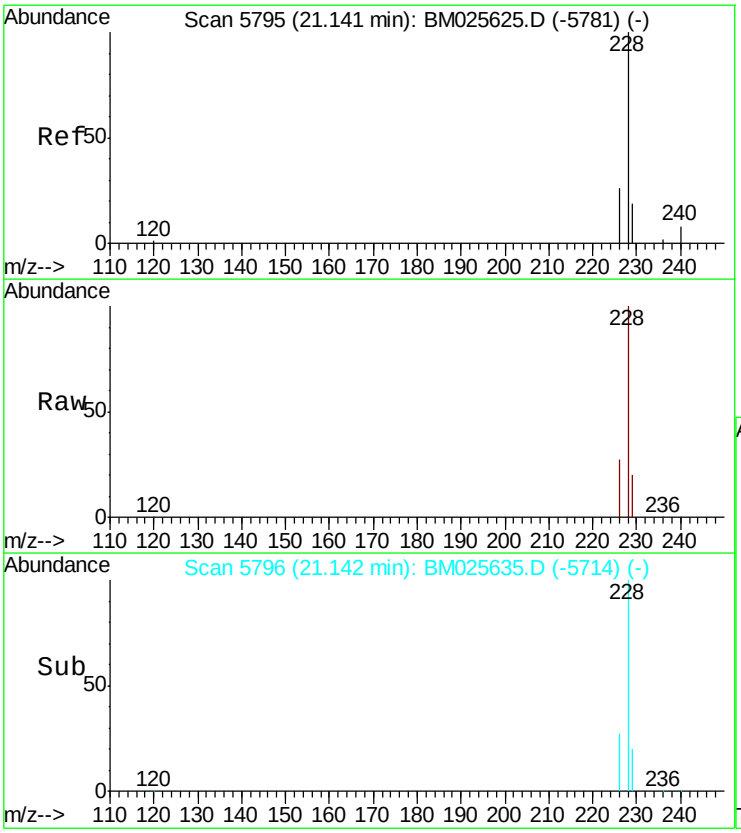
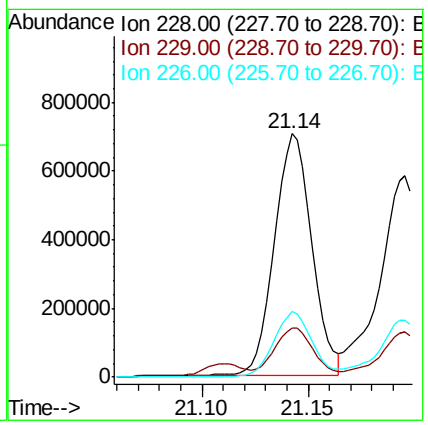
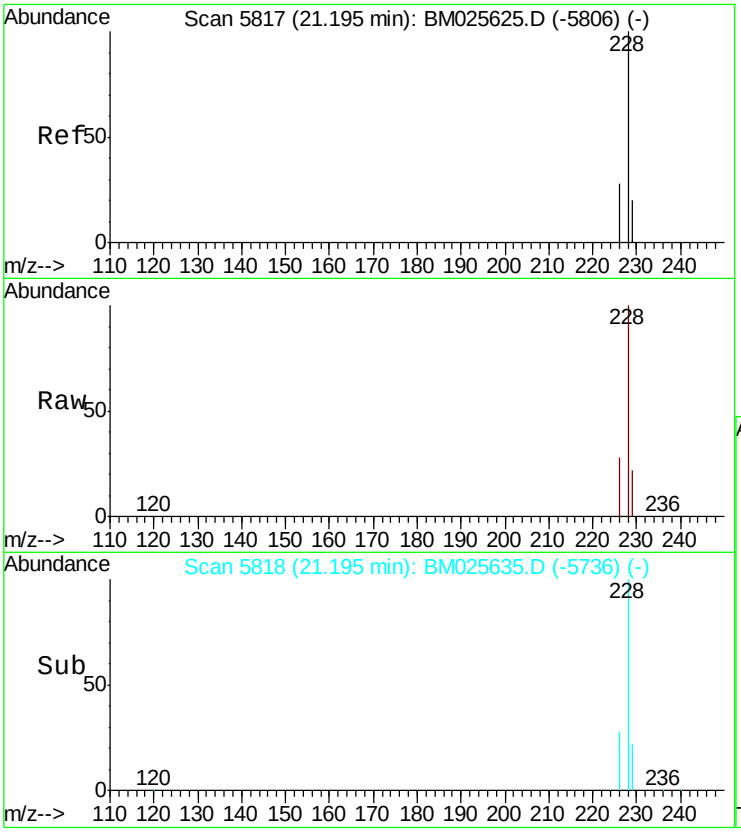


#18
Benzo(a)anthracene
Concen: 12.771 ng/ul
RT: 21.14 min Scan# 5796
Delta R.T. -0.00 min
Lab File: BM025635.D
Acq: 18 Mar 2020 18:46

Tgt Ion:228 Resp: 871481

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.6	23.4
226	26.7	21.1	31.7





#19
Chrysene
Concen: 10.318 ng/ul
RT: 21.20 min Scan# 5818
Delta R.T. -0.00 min
Lab File: BM025635.D
Acq: 18 Mar 2020 18:46

Tgt Ion:228 Resp: 790690

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.6	35.4
229	22.3	16.3	24.5

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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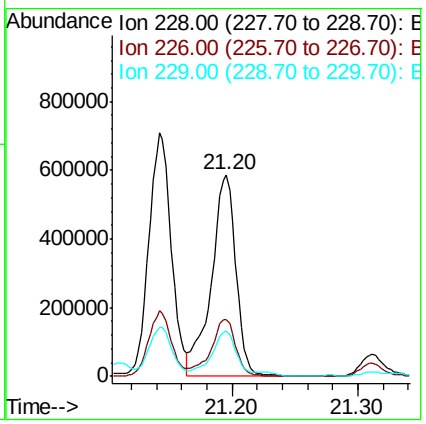
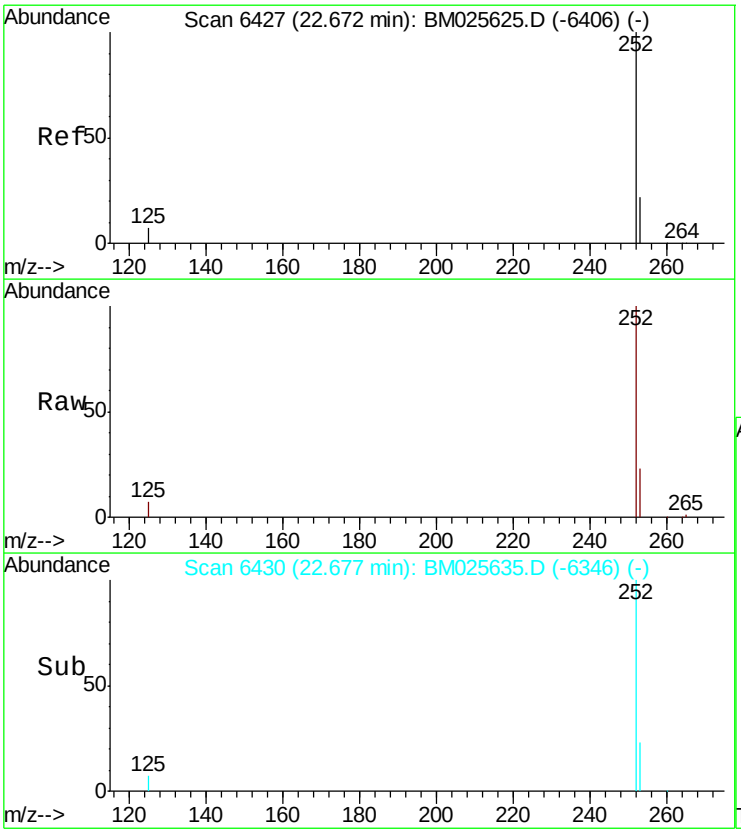
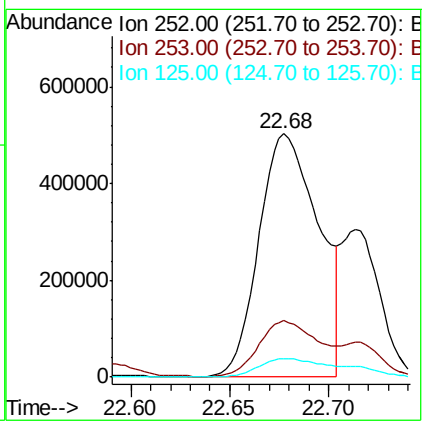


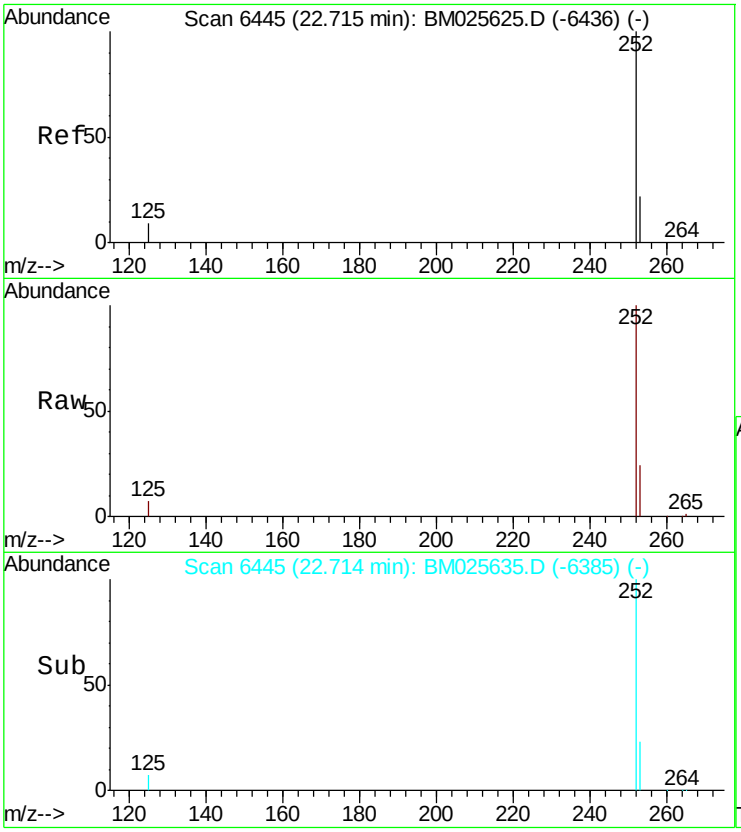


#21
Benzo(b)fluoranthene
Concen: 11.893 ng/ul m
RT: 22.68 min Scan# 6430
Delta R.T. 0.00 min
Lab File: BM025635.D
Acq: 18 Mar 2020 18:46

Tgt Ion:252 Resp: 1059032

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	50.2
125	7.5	0.0	17.6

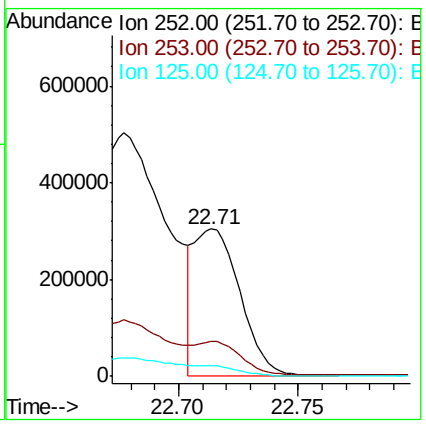




#22
Benzo(k)fluoranthene
Concen: 4.404 ng/ul m
RT: 22.71 min Scan# 6445
Delta R.T. -0.00 min
Lab File: BM025635.D
Acq: 18 Mar 2020 18:46

Tgt Ion:252 Resp: 410856

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.8	29.8
125	7.4	7.1	10.7



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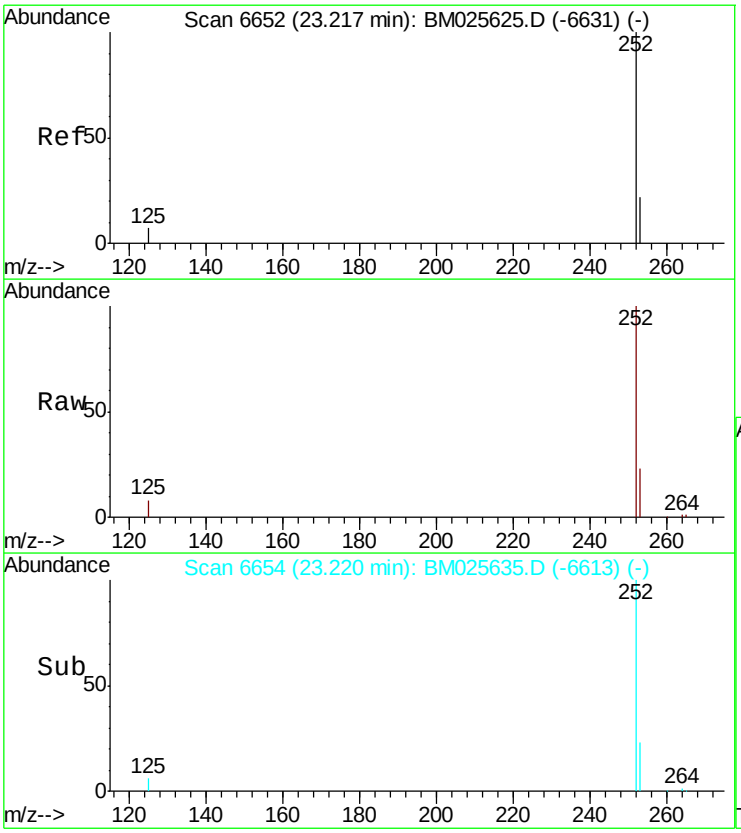
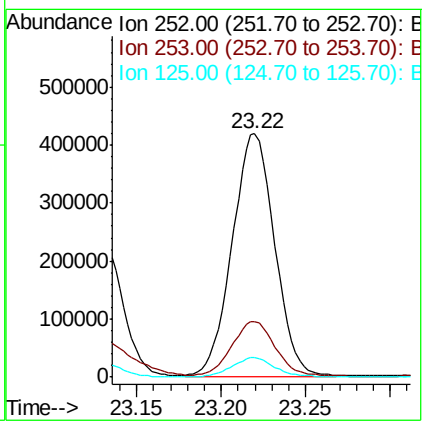
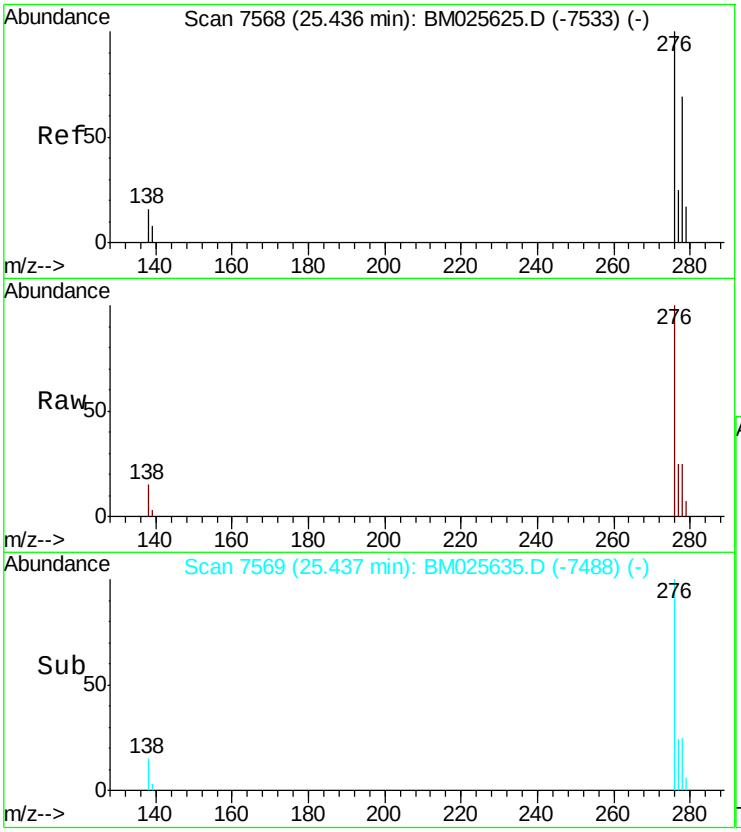


#23
Benzo(a)pyrene
Concen: 9.975 ng/ul m
RT: 23.22 min Scan# 6654
Delta R.T. -0.00 min
Lab File: BM025635.D
Acq: 18 Mar 2020 18:46

Tgt Ion:252 Resp: 737629

Ion	Ratio	Lower	Upper
252	100		
253	22.9	21.3	31.9
125	7.8	8.5	12.7#





#24
Indeno(1,2,3-cd)pyrene
Concen: 4.565 ng/ul
RT: 25.44 min Scan# 7569
Delta R.T. -0.00 min
Lab File: BM025635.D
Acq: 18 Mar 2020 18:46

Tgt Ion:276 Resp: 457948

Ion	Ratio	Lower	Upper
276	100		
138	15.2	12.3	18.5
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
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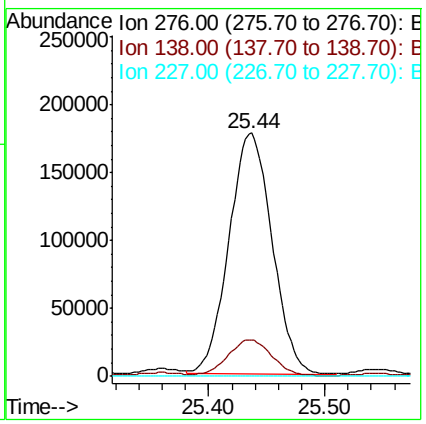
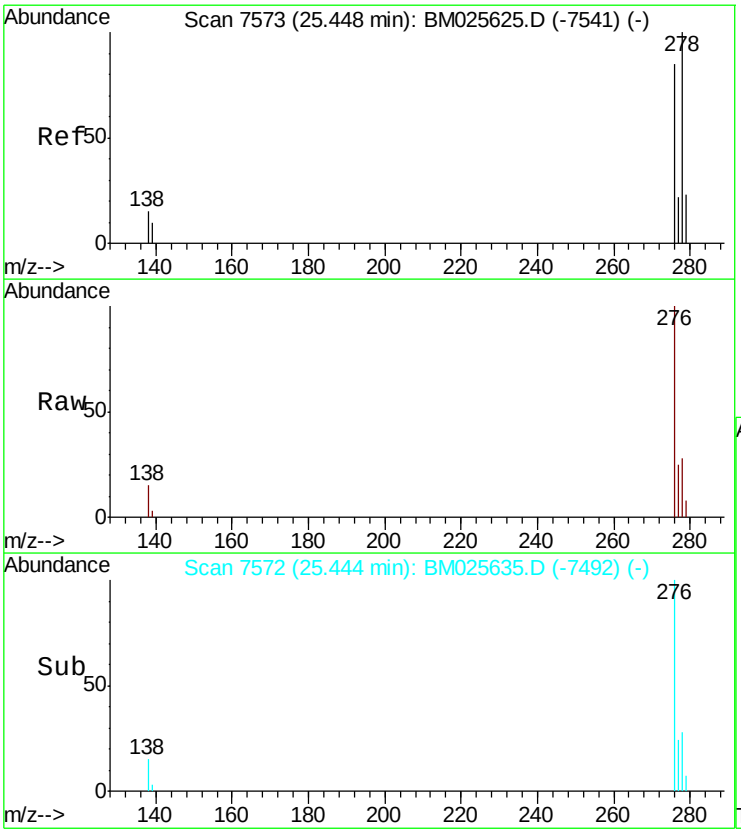
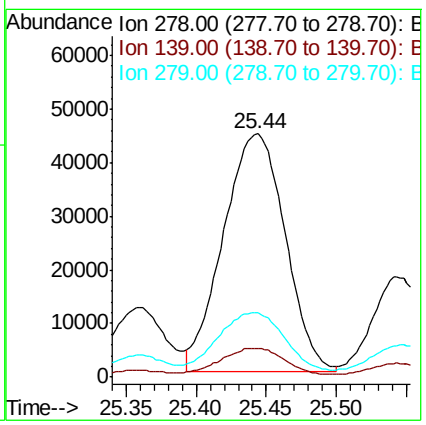


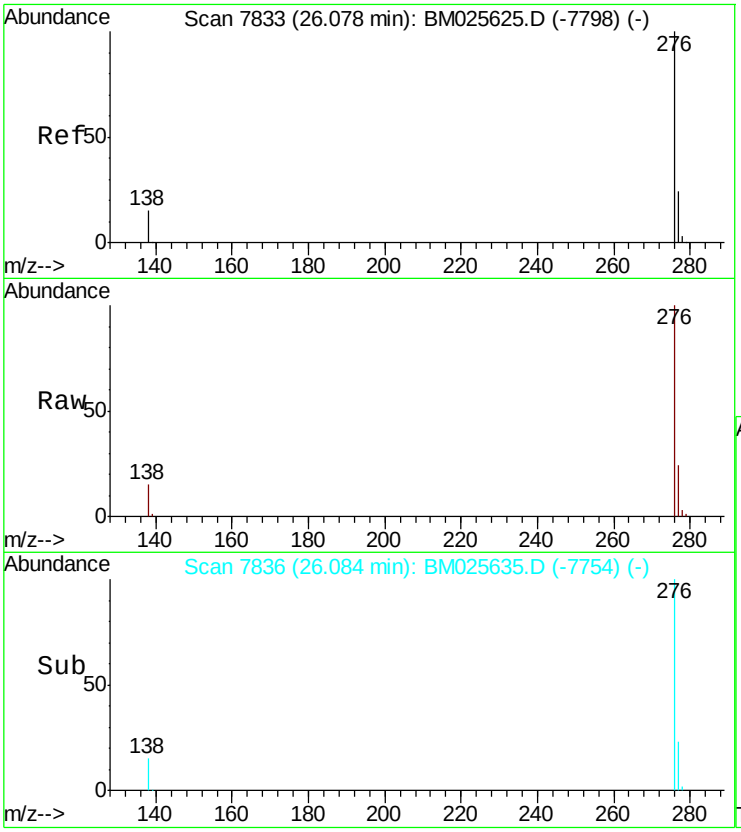


#25
Dibenzo(a,h)anthracene
Concen: 1.612 ng/ul
RT: 25.44 min Scan# 7572
Delta R.T. -0.01 min
Lab File: BM025635.D
Acq: 18 Mar 2020 18:46

Tgt Ion:278 Resp: 136033

Ion	Ratio	Lower	Upper
278	100		
139	11.9	9.0	13.6
279	26.5	21.1	31.7

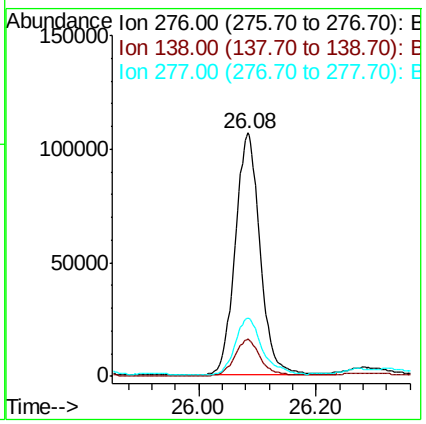




#26
Benzo(g,h,i)perylene
Concen: 3.598 ng/ul
RT: 26.08 min Scan# 7836
Delta R.T. -0.00 min
Lab File: BM025635.D
Acq: 18 Mar 2020 18:46

Tgt Ion:276 Resp: 313141

Ion	Ratio	Lower	Upper
276	100		
138	15.2	11.0	16.4
277	24.1	19.8	29.6



Instrument :
BNA_M
ClientSampleId :
C0AD0

Manual Integrations APPROVED
mohammad
3/19/2020 12:35:50 PM