Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
Data File : BM025631.D
Acq On : 18 Mar 2020 16:21
Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 18 17:13:29 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

Instrument : BNA_M
ClientSampleId : C0AC5

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2800	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	11760	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	8907	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	17440	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	17682	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	19869	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	3612	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	10030	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.40	128	667893	19.185	ng/ul	98
5) 2-Methylnaphthalene	12.02	142	299737	12.046	ng/ul	100
7) Acenaphthylene	13.94	152	80767	2.219	ng/ul#	86
8) Acenaphthene	14.28	153	302344	9.472	ng/ul	97
9) Fluorene	15.27	166	546112	14.040	ng/ul	99
12) Phenanthrene	17.01	178	2150291	38.906	ng/ul	99
13) Anthracene	17.10	178	1488046	30.938	ng/ul	99
15) Fluoranthene	19.03	202	2149163	35.871	ng/ul	97
17) Pyrene	19.39	202	1464473	18.453	ng/ul	97
18) Benzo(a)anthracene	21.14	228	748978	11.847	ng/ul	98
19) Chrysene	21.20	228	634449	8.937	ng/ul	98
21) Benzo(b)fluoranthene	22.68	252	680890m	8.654	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	281233m	3.412	ng/ul	
23) Benzo(a)pyrene	23.22	252	440932m	6.749	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.43	276	239481	2.702	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.44	278	78468	1.052	ng/ul	98
26) Benzo(g,h,i)perylene	26.08	276	146854	1.910	ng/ul	98

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

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Manual Integrations APPROVED
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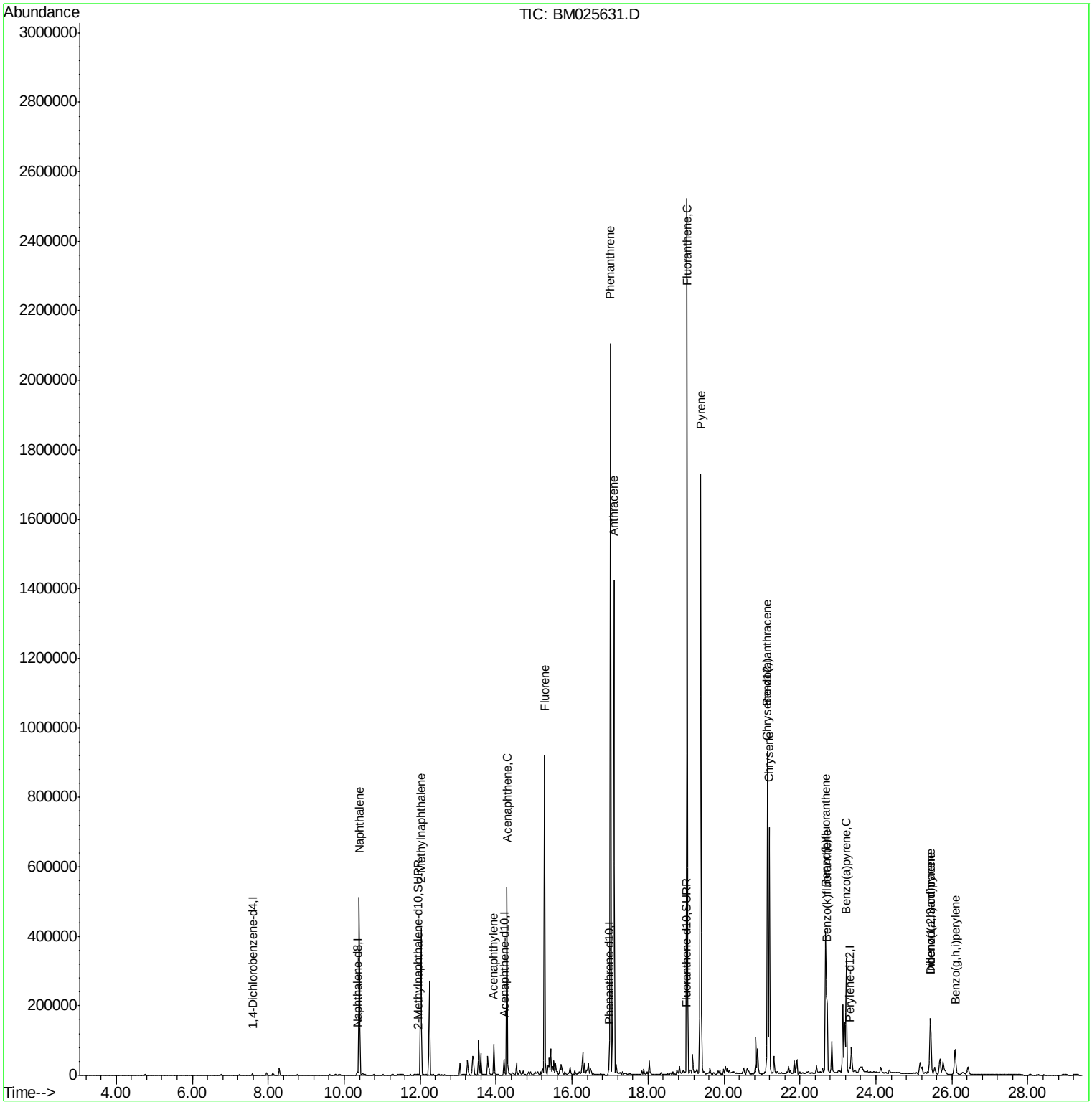
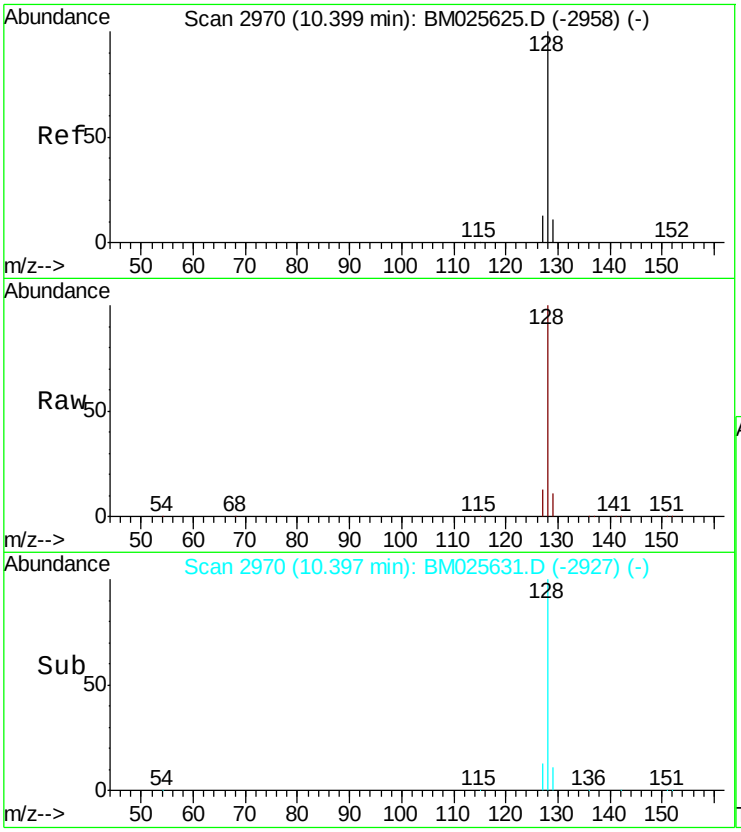
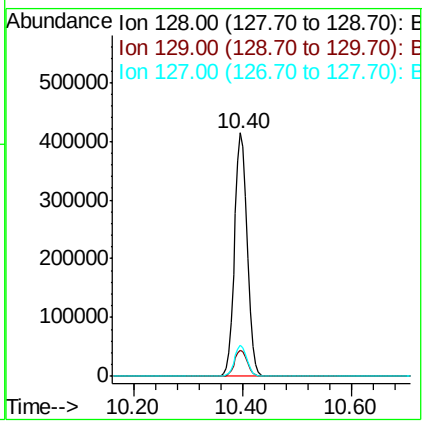




#3
Naphthalene
Concen: 19.185 ng/ul
RT: 10.40 min Scan# 2970
Delta R.T. -0.00 min
Lab File: BM025631.D
Acq: 18 Mar 2020 16:21

Tgt Ion:128 Resp: 667893

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



Instrument :
BNA_M
ClientSampleId :
C0AC5

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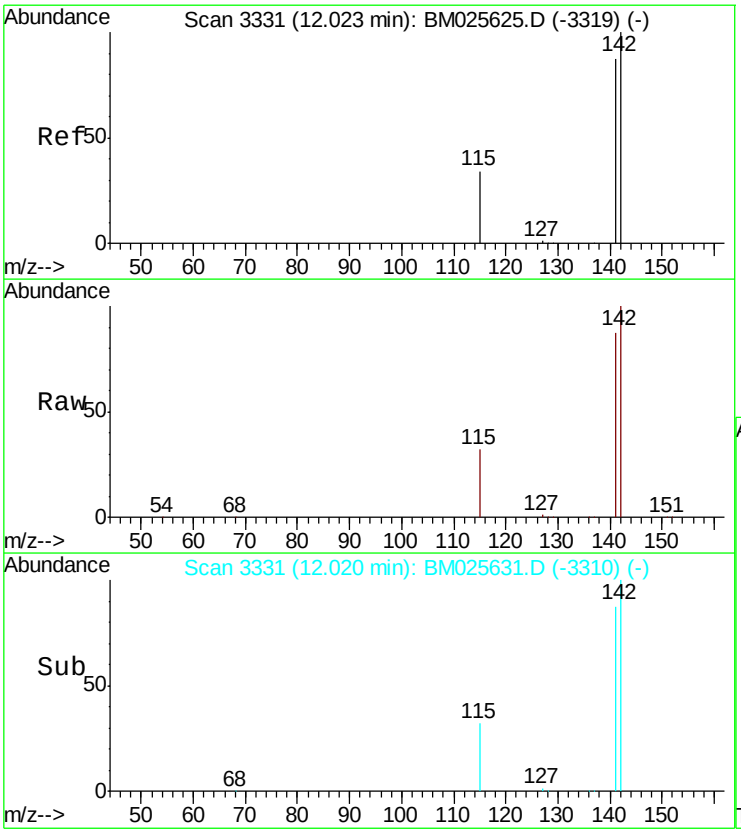
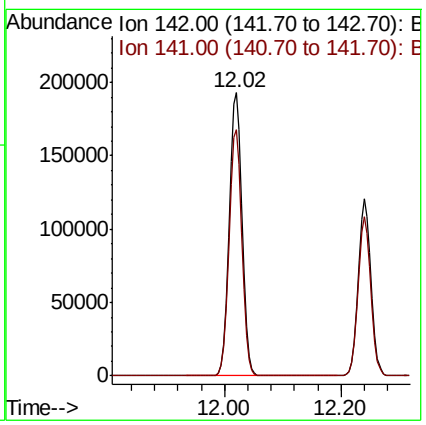
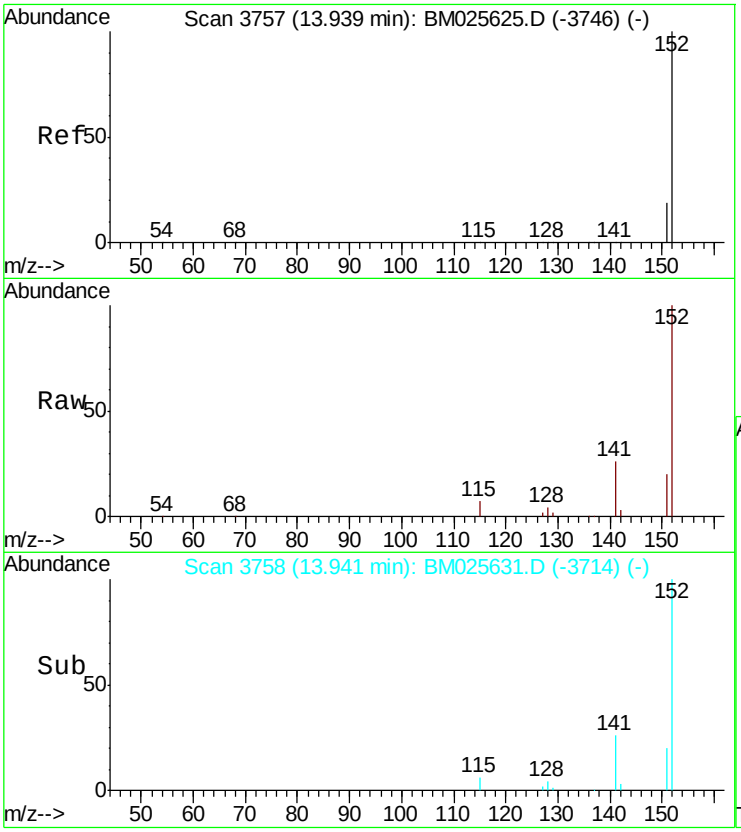


#5
2-Methylnaphthalene
Concen: 12.046 ng/ul
RT: 12.02 min Scan# 3331
Delta R.T. -0.00 min
Lab File: BM025631.D
Acq: 18 Mar 2020 16:21

Tgt Ion:142 Resp: 299737

Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.8	104.6

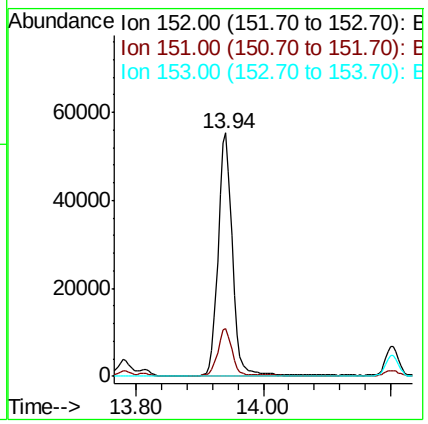




#7
Acenaphthylene
Concen: 2.219 ng/ul
RT: 13.94 min Scan# 3758
Delta R.T. -0.00 min
Lab File: BM025631.D
Acq: 18 Mar 2020 16:21

Tgt Ion:152 Resp: 80767

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



Instrument :
BNA_M
ClientSampleId :
C0AC5

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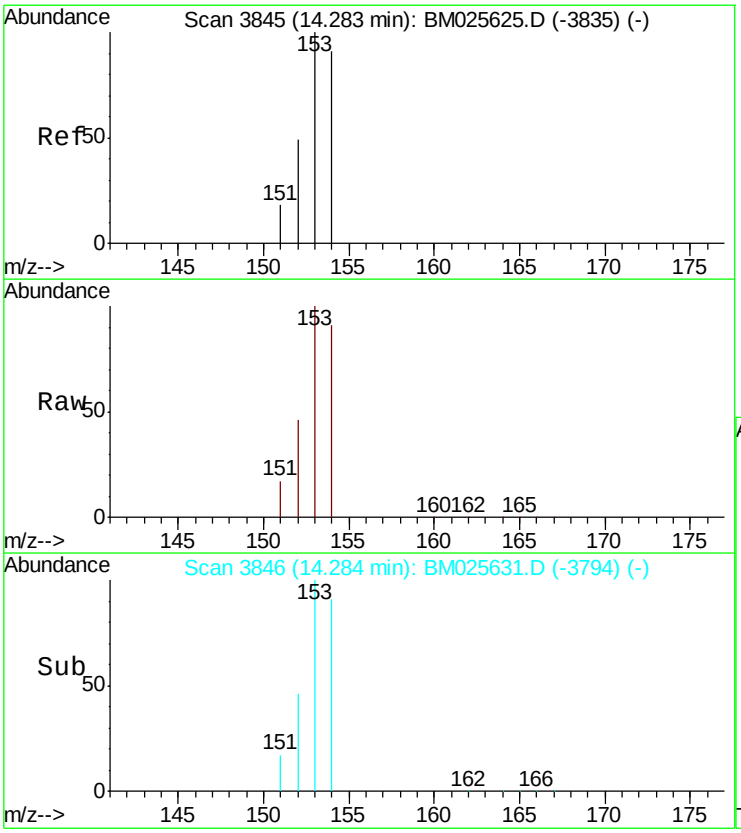
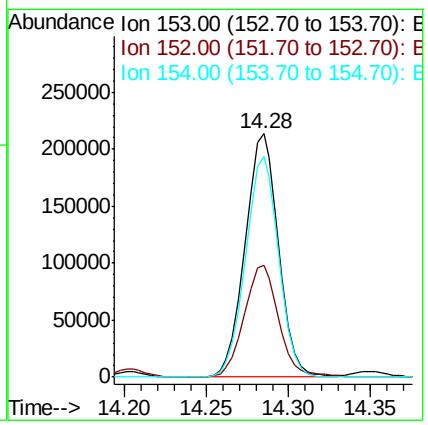
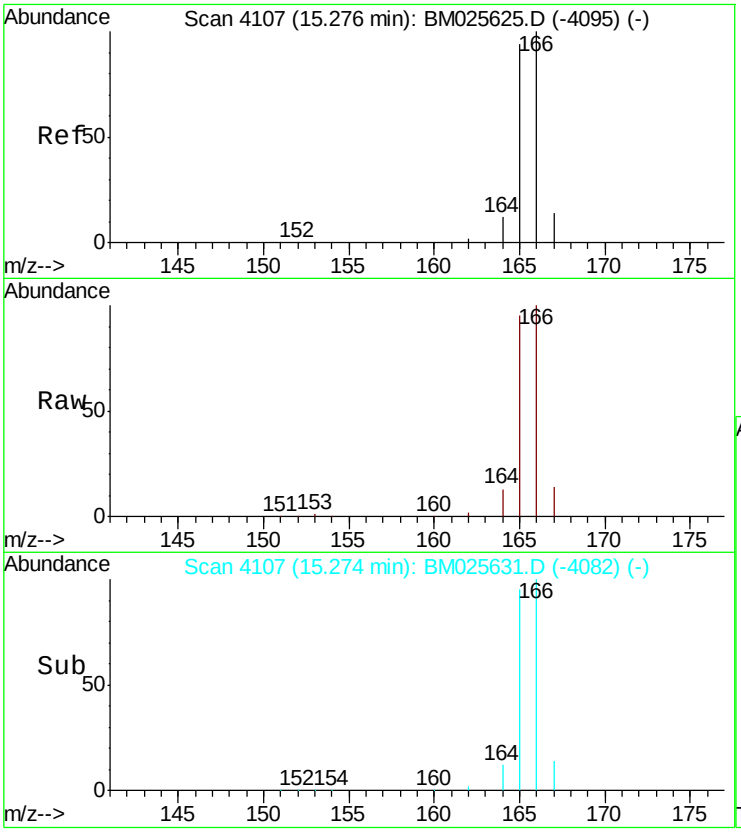


#8
Acenaphthene
Concen: 9.472 ng/ul
RT: 14.28 min Scan# 3846
Delta R.T. -0.00 min
Lab File: BM025631.D
Acq: 18 Mar 2020 16:21

Tgt Ion:153 Resp: 302344

Ion	Ratio	Lower	Upper
153	100		
152	46.1	39.5	59.3
154	90.8	71.7	107.5

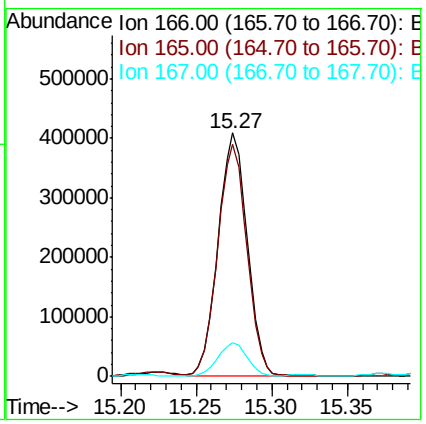




#9
Fluorene
Concen: 14.040 ng/ul
RT: 15.27 min Scan# 4107
Delta R.T. -0.00 min
Lab File: BM025631.D
Acq: 18 Mar 2020 16:21

Tgt Ion:166 Resp: 546112

Ion	Ratio	Lower	Upper
166	100		
165	95.2	76.8	115.2
167	13.8	11.2	16.8



Instrument :
BNA_M
ClientSampleId :
C0AC5

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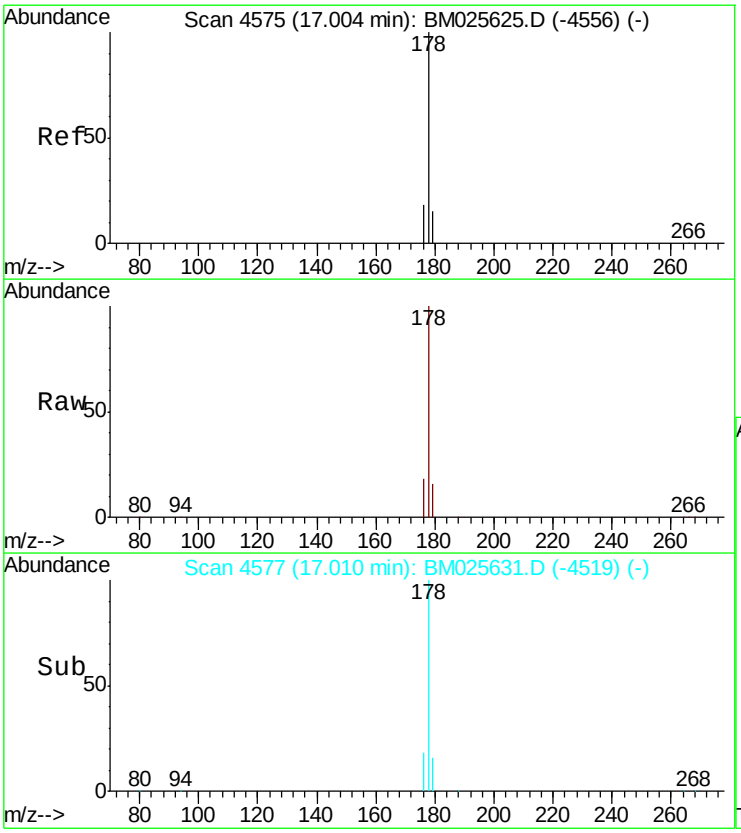
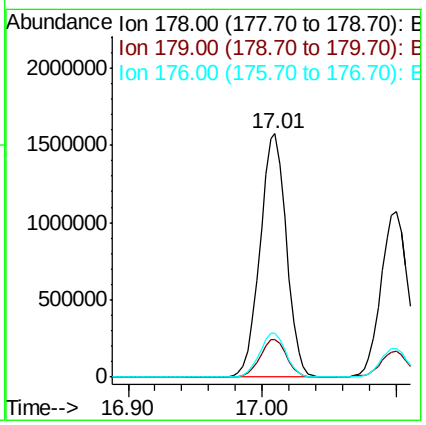
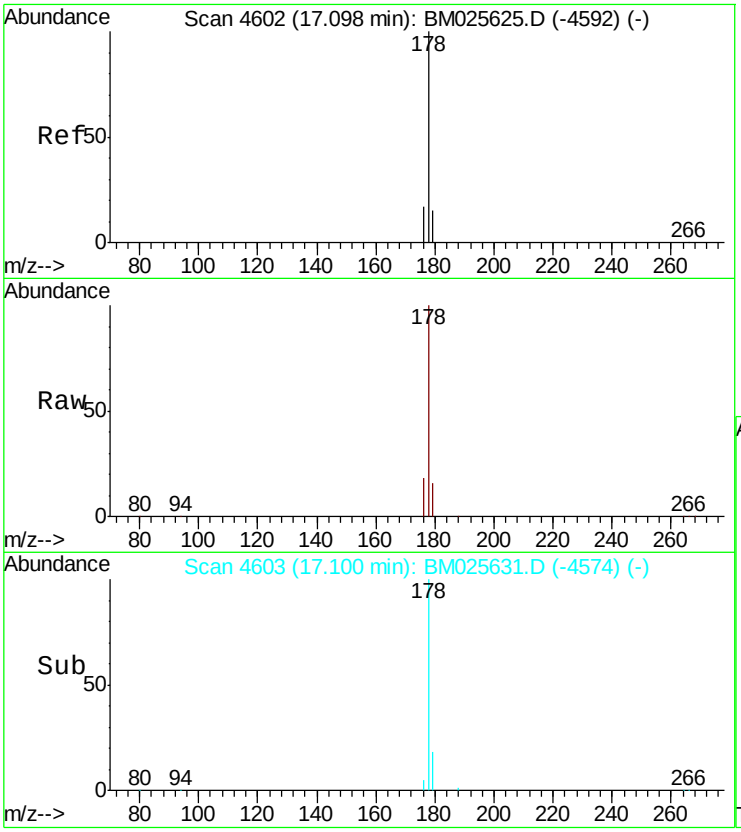


#12
Phenanthrene
Concen: 38.906 ng/ul
RT: 17.01 min Scan# 4577
Delta R.T. -0.00 min
Lab File: BM025631.D
Acq: 18 Mar 2020 16:21

Tgt Ion:178 Resp: 2150291

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	17.9	14.8	22.2

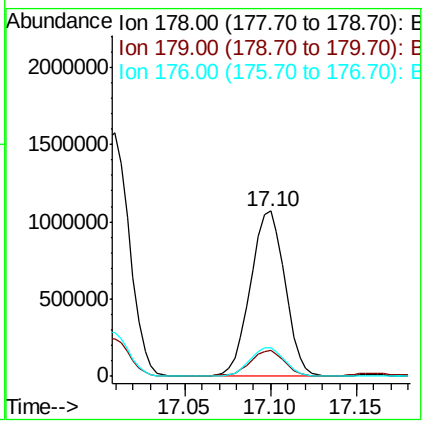




#13
Anthracene
Concen: 30.938 ng/ul
RT: 17.10 min Scan# 4603
Delta R.T. -0.00 min
Lab File: BM025631.D
Acq: 18 Mar 2020 16:21

Tgt Ion:178 Resp: 1488046

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	17.5	14.5	21.7



Instrument :
BNA_M
ClientSampleId :
C0AC5

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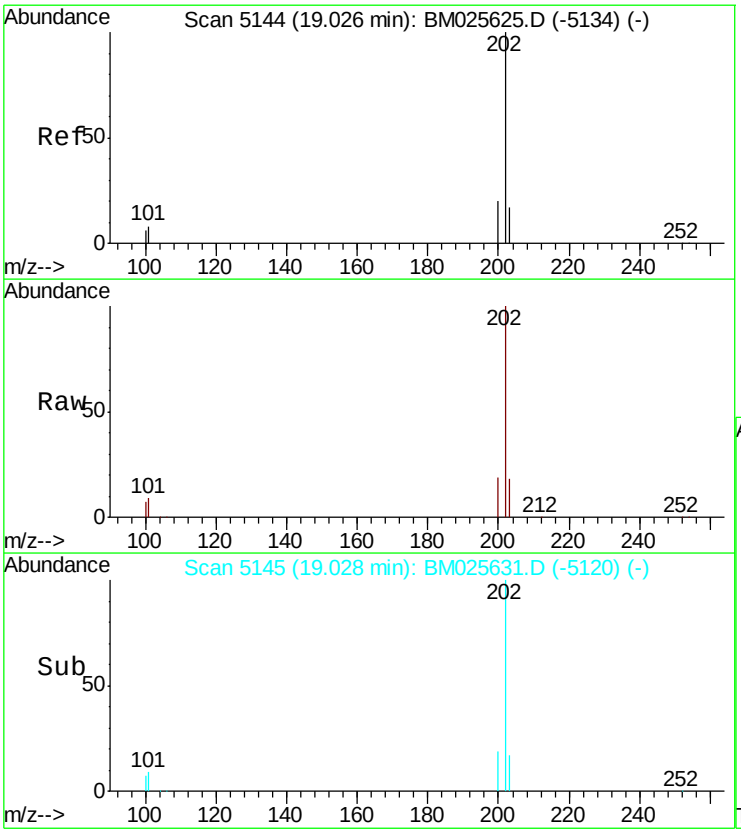
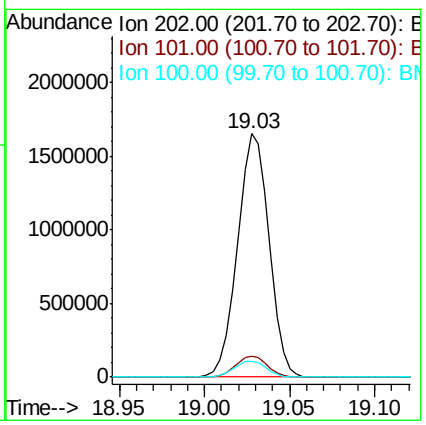
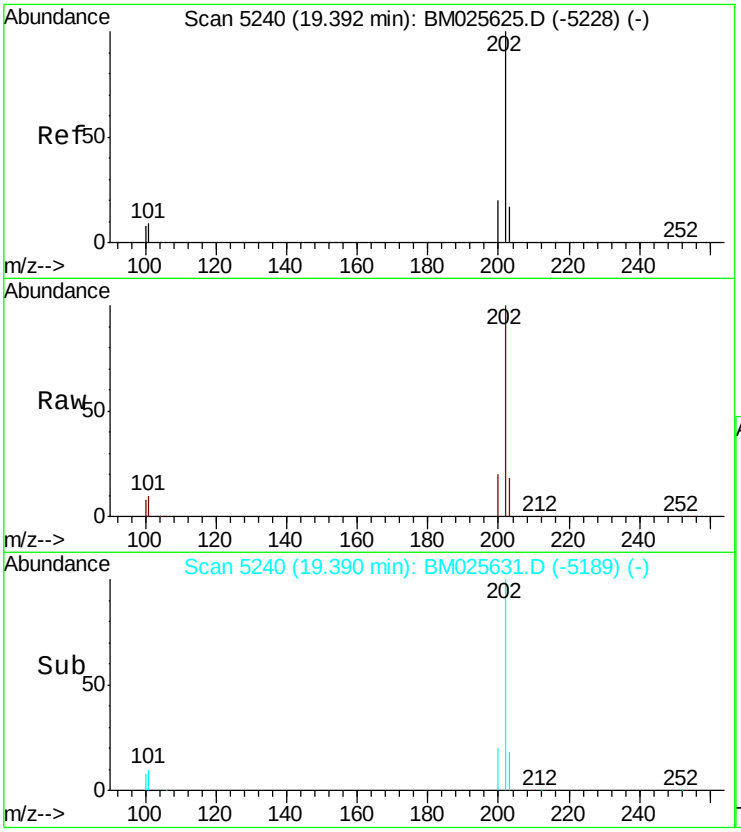


#15
Fluoranthene
Concen: 35.871 ng/ul
RT: 19.03 min Scan# 5145
Delta R.T. -0.00 min
Lab File: BM025631.D
Acq: 18 Mar 2020 16:21

Tgt Ion:202 Resp: 2149163

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	27.5
100	6.6	0.0	26.0

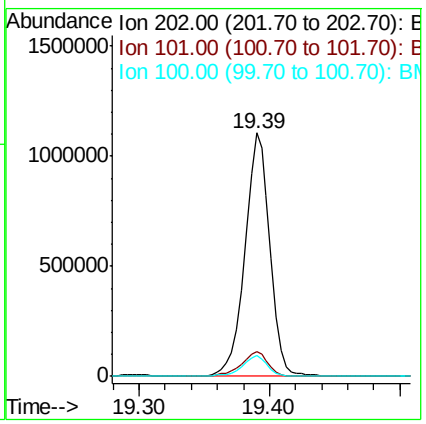




#17
Pyrene
Concen: 18.453 ng/ul
RT: 19.39 min Scan# 5240
Delta R.T. -0.00 min
Lab File: BM025631.D
Acq: 18 Mar 2020 16:21

Tgt Ion:202 Resp: 1464473

Ion	Ratio	Lower	Upper
202	100		
101	10.2	7.1	10.7
100	8.4	6.0	9.0



Instrument :
BNA_M
ClientSampleId :
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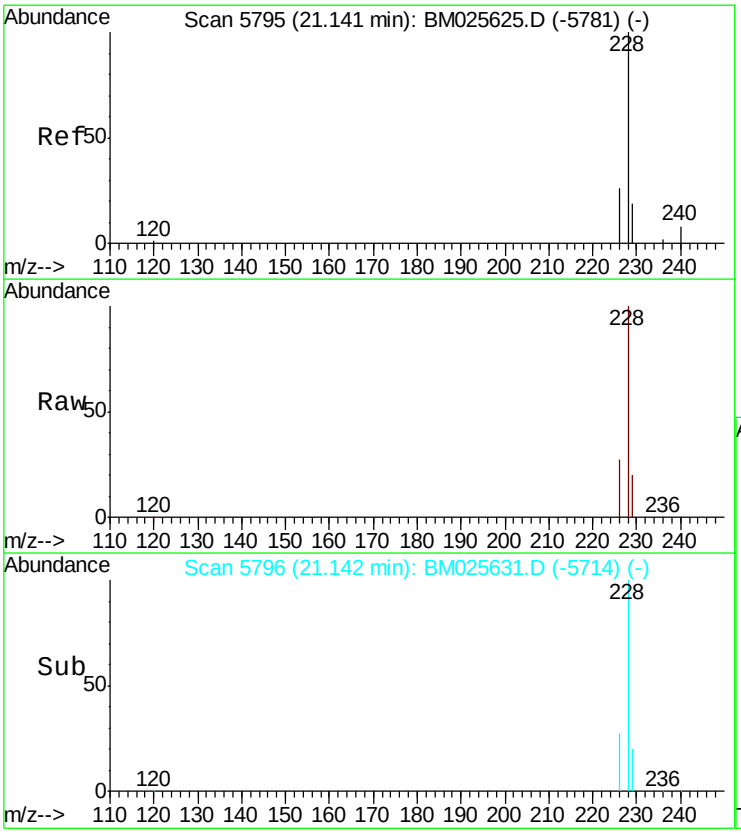
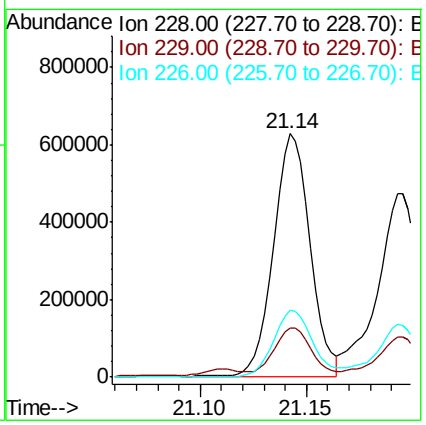
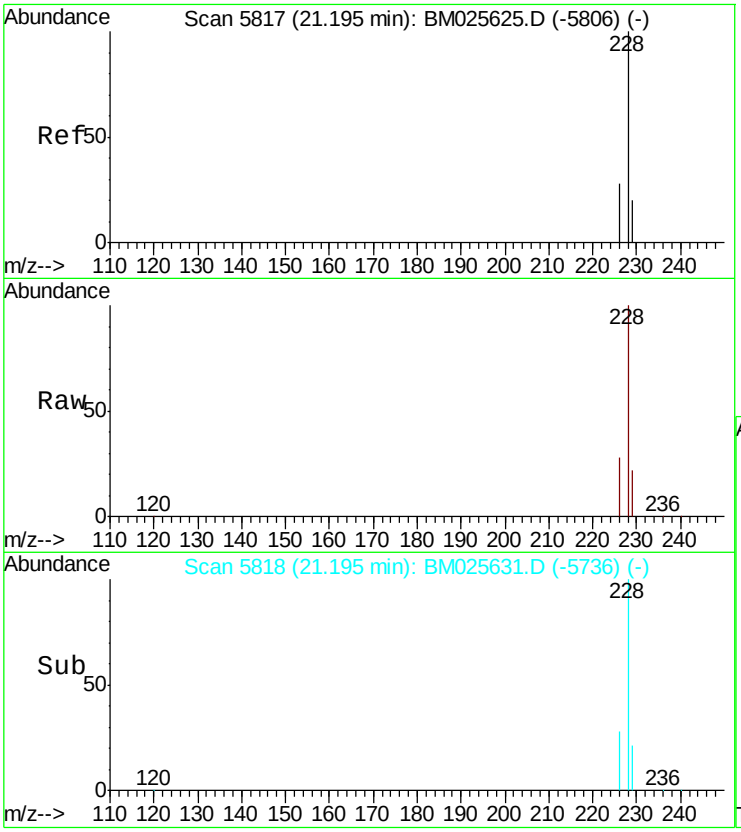


#18
Benzo(a)anthracene
Concen: 11.847 ng/ul
RT: 21.14 min Scan# 5796
Delta R.T. -0.00 min
Lab File: BM025631.D
Acq: 18 Mar 2020 16:21

Tgt Ion:228 Resp: 748978

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.6	23.4
226	27.5	21.1	31.7





#19
Chrysene
Concen: 8.937 ng/ul
RT: 21.20 min Scan# 5818
Delta R.T. -0.00 min
Lab File: BM025631.D
Acq: 18 Mar 2020 16:21

Tgt Ion:228 Resp: 634449

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.6	35.4
229	21.7	16.3	24.5

Instrument :
BNA_M
ClientSampleId :
C0AC5

Manual Integrations APPROVED
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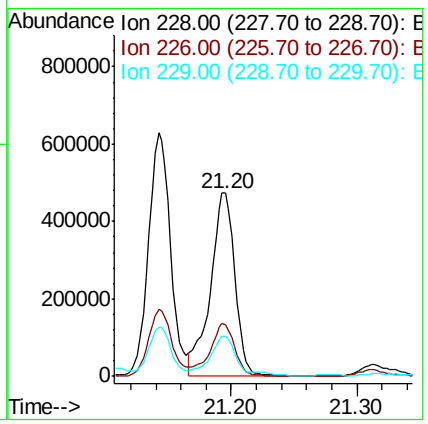
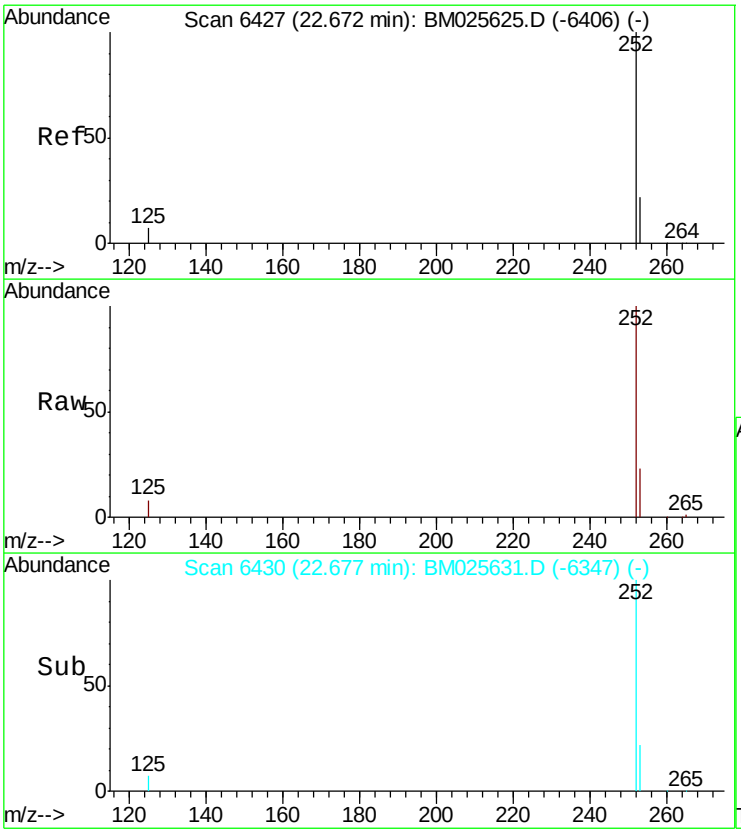
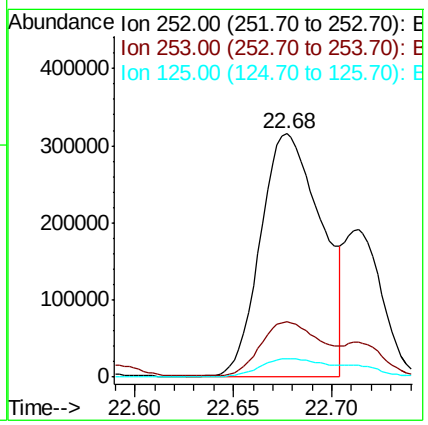


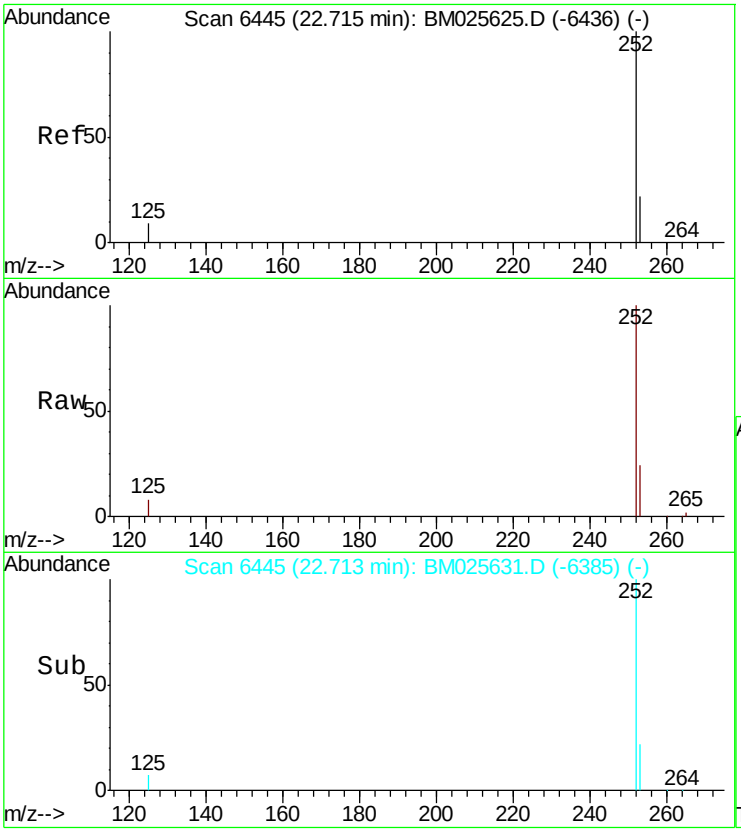


#21
Benzo(b)fluoranthene
Concen: 8.654 ng/ul m
RT: 22.68 min Scan# 6430
Delta R.T. 0.00 min
Lab File: BM025631.D
Acq: 18 Mar 2020 16:21

Tgt Ion:252 Resp: 680890

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	50.2
125	7.7	0.0	17.6

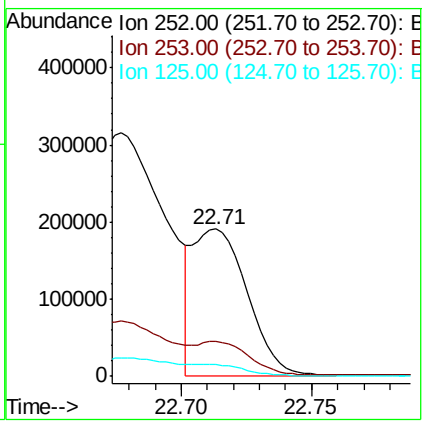




#22
Benzo(k)fluoranthene
Concen: 3.412 ng/ul m
RT: 22.71 min Scan# 6445
Delta R.T. -0.00 min
Lab File: BM025631.D
Acq: 18 Mar 2020 16:21

Tgt Ion:252 Resp: 281233

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.8	29.8
125	7.8	7.1	10.7



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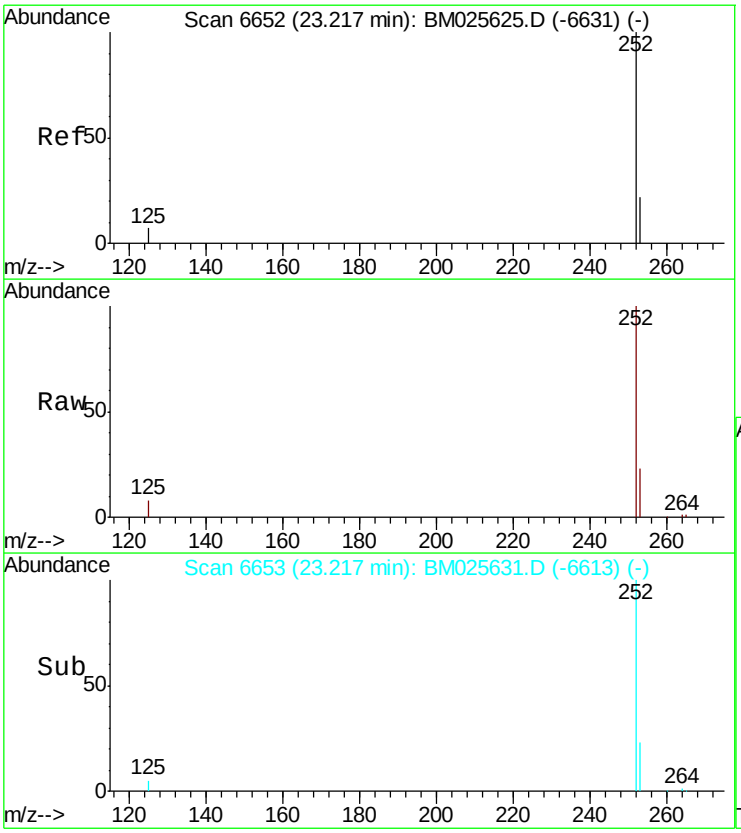
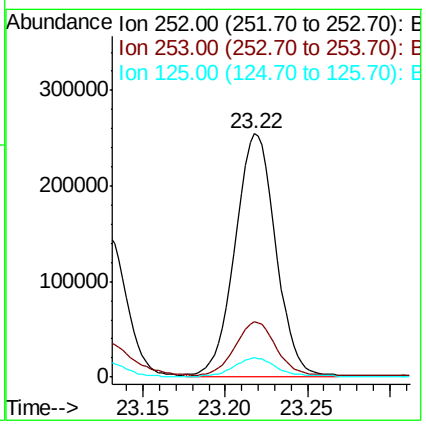
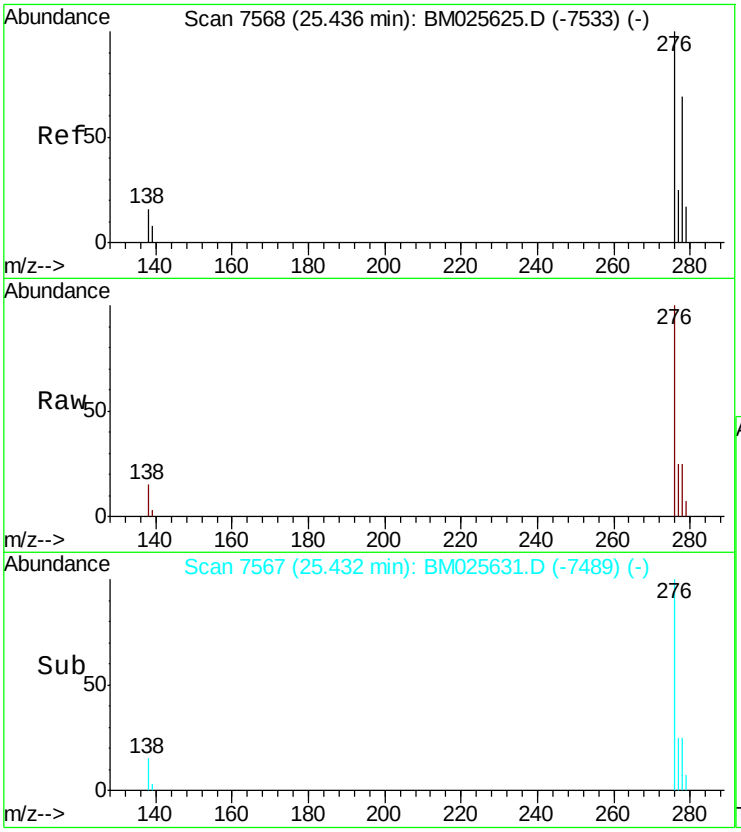


#23
Benzo(a)pyrene
Concen: 6.749 ng/ul m
RT: 23.22 min Scan# 6653
Delta R.T. -0.00 min
Lab File: BM025631.D
Acq: 18 Mar 2020 16:21

Tgt Ion:252 Resp: 440932

Ion	Ratio	Lower	Upper
252	100		
253	22.6	21.3	31.9
125	7.9	8.5	12.7#





#24
Indeno(1,2,3-cd)pyrene
Concen: 2.702 ng/ul
RT: 25.43 min Scan# 7567
Delta R.T. -0.01 min
Lab File: BM025631.D
Acq: 18 Mar 2020 16:21

Tgt Ion:276 Resp: 239481

Ion	Ratio	Lower	Upper
276	100		
138	15.6	12.3	18.5
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
C0AC5

Manual Integrations APPROVED
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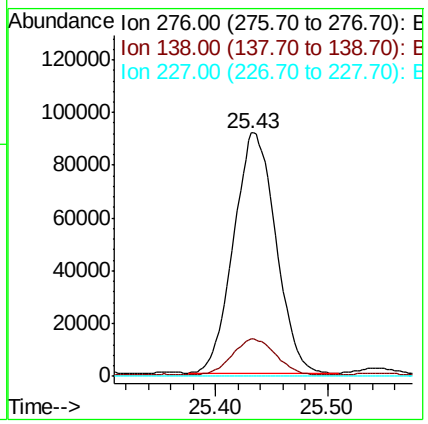
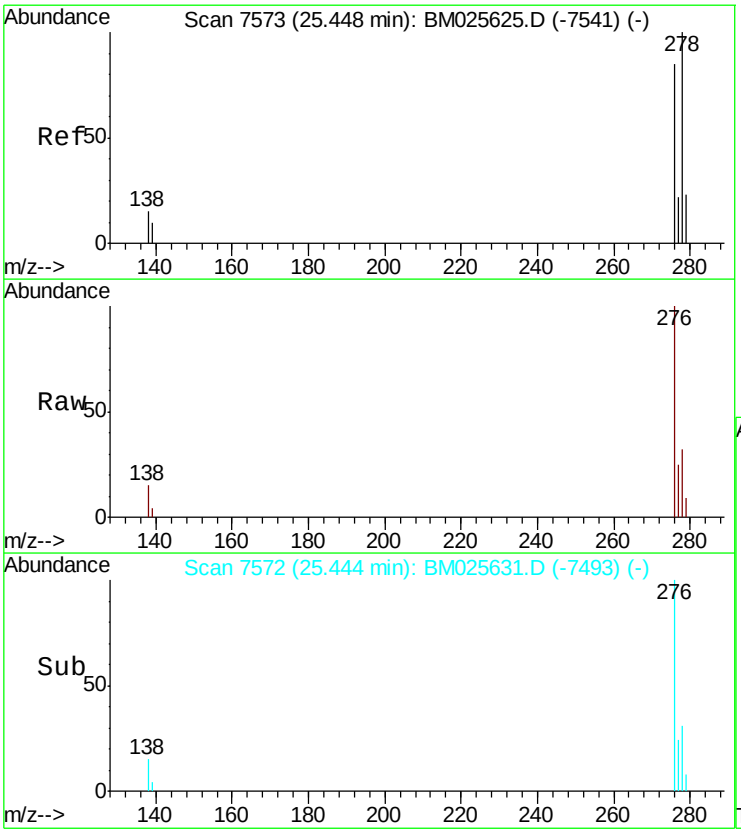
3/19/2020 12:35:32 PM

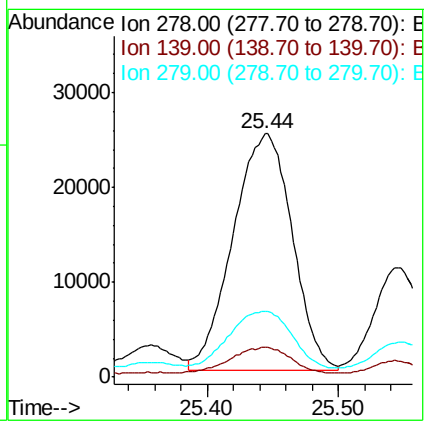


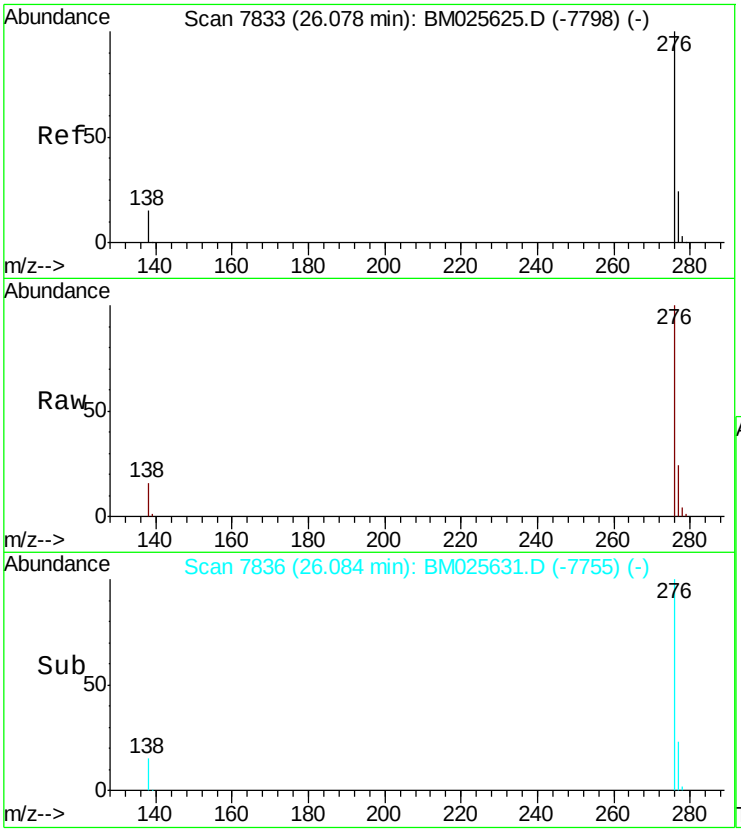


#25
Dibenzo(a,h)anthracene
Concen: 1.052 ng/ul
RT: 25.44 min Scan# 7572
Delta R.T. -0.01 min
Lab File: BM025631.D
Acq: 18 Mar 2020 16:21

Tgt Ion:278 Resp: 78468

Ion	Ratio	Lower	Upper
278	100		
139	12.2	9.0	13.6
279	27.2	21.1	31.7

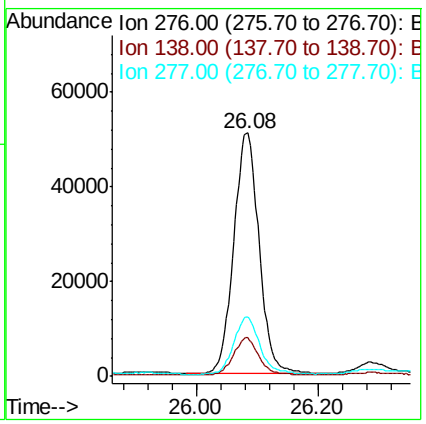




#26
Benzo(g,h,i)perylene
Concen: 1.910 ng/ul
RT: 26.08 min Scan# 7836
Delta R.T. -0.00 min
Lab File: BM025631.D
Acq: 18 Mar 2020 16:21

Tgt Ion:276 Resp: 146854

Ion	Ratio	Lower	Upper
276	100		
138	15.7	11.0	16.4
277	24.4	19.8	29.6



Instrument :
BNA_M
ClientSampleId :
C0AC5

Manual Integrations APPROVED
mohammad
3/19/2020 12:35:32 PM