Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
Data File : BM025636.D
Acq On : 18 Mar 2020 19:22
Operator : CG/JU
Sample : L1786-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD1

Manual Integrations APPROVED
mohammad
3/19/2020 12:43:31 PM

Quant Time: Mar 19 00:19:58 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	7.59	152	2443	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	10142	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	6580	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	15017	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	16145	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	17107	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	3477	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	9139	0.22	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.40	128	2067	0.069	ng/ul#	92
5) 2-Methylnaphthalene	12.02	142	750	0.035	ng/ul	98
7) Acenaphthylene	13.94	152	2014	0.075	ng/ul#	82
8) Acenaphthene	14.28	153	2189	0.093	ng/ul	99
9) Fluorene	15.27	166	2364	0.082	ng/ul#	99
12) Phenanthrene	17.01	178	35494	0.746	ng/ul	99
13) Anthracene	17.10	178	9265	0.224	ng/ul	98
15) Fluoranthene	19.02	202	91458	1.773	ng/ul	97
17) Pyrene	19.39	202	78807	1.088	ng/ul	99
18) Benzo(a)anthracene	21.14	228	56142	0.973	ng/ul	99
19) Chrysene	21.19	228	54431	0.840	ng/ul	97
21) Benzo(b)fluoranthene	22.67	252	73307m	1.082	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	30033m	0.423	ng/ul	
23) Benzo(a)pyrene	23.21	252	48923	0.870	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.43	276	33601	0.440	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.44	278	10509	0.164	ng/ul#	86
26) Benzo(g,h,i)perylene	26.08	276	24111	0.364	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
Data File : BM025636.D
Acq On : 18 Mar 2020 19:22
Operator : CG/JU
Sample : L1786-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 19 00:19:58 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 :
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Manual Integrations APPROVED
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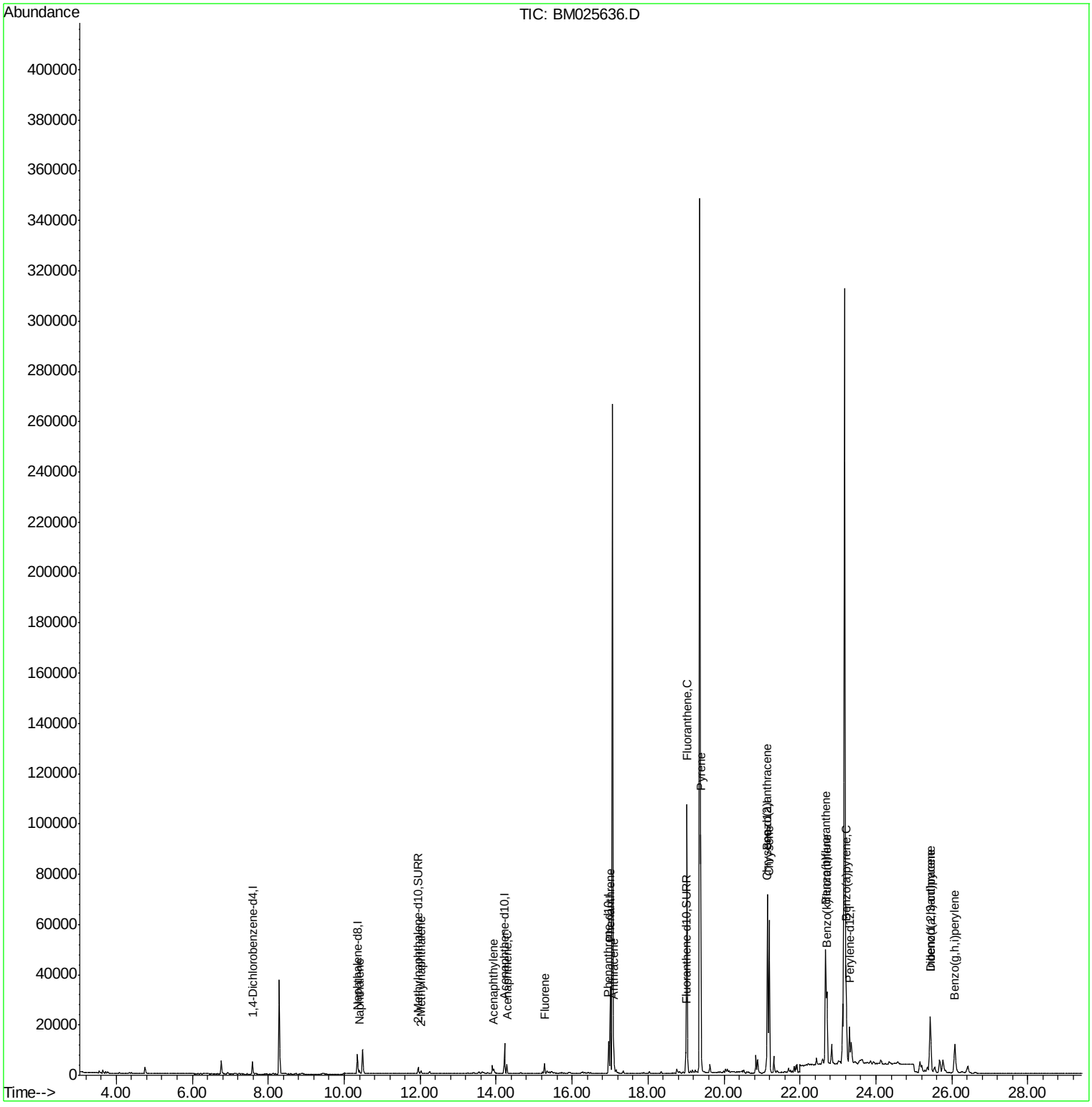

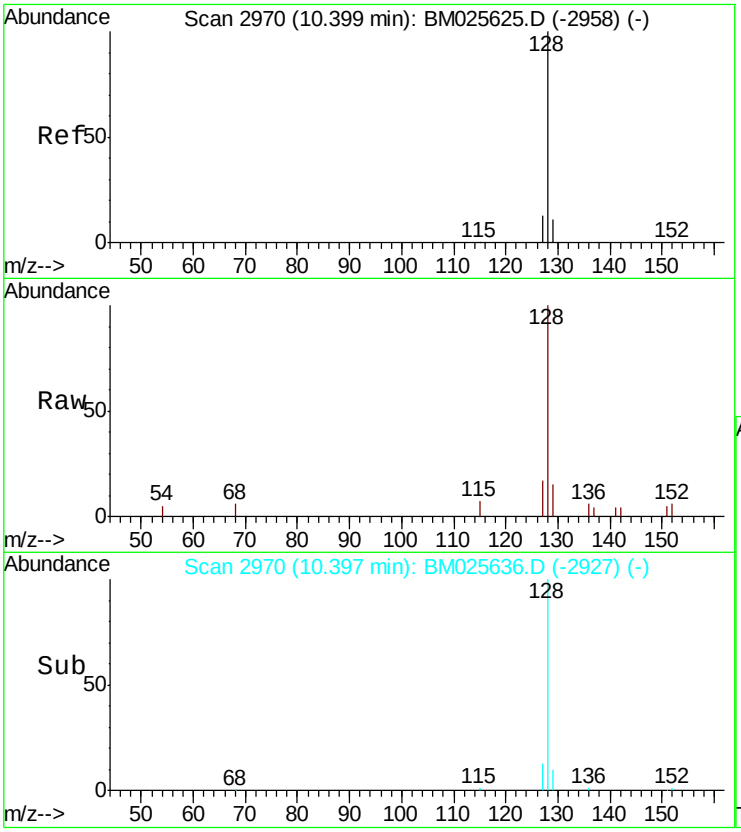

#3
Naphthalene
Concen: 0.069 ng/ul
RT: 10.40 min Scan# 2970
Delta R.T. -0.00 min
Lab File: BM025636.D
Acq: 18 Mar 2020 19:22

Tgt Ion:128 Resp: 2067

Ion	Ratio	Lower	Upper
128	100		
129	15.0	9.4	14.0#
127	16.8	10.9	16.3#

Instrument :
BNA_M
ClientSampleId :
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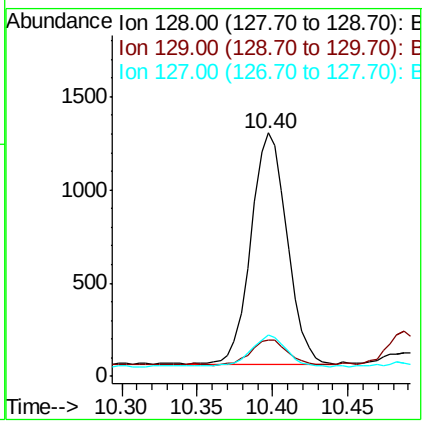
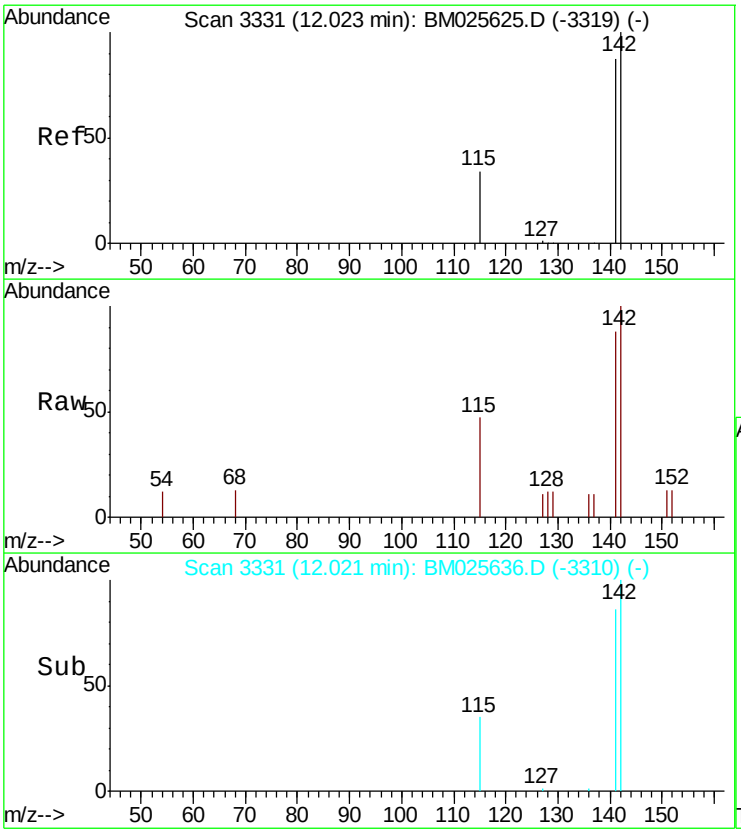
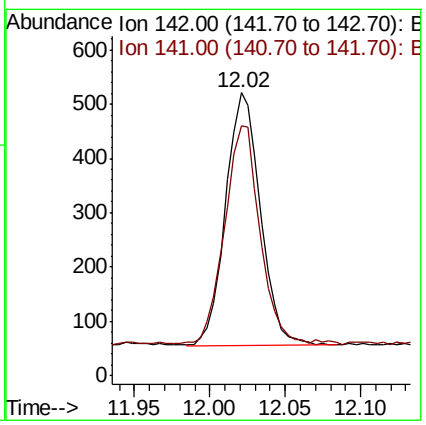


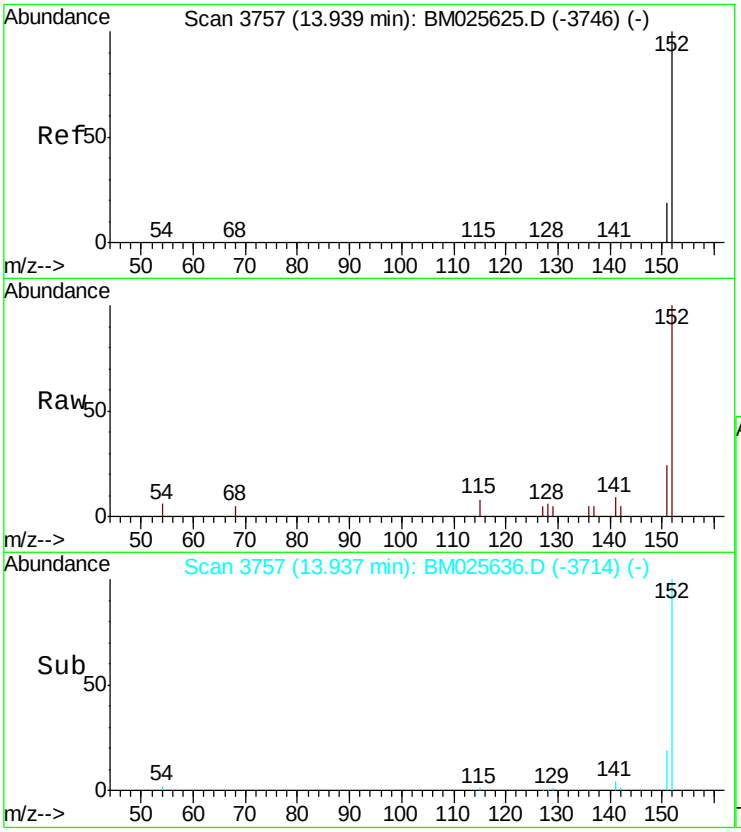


#5
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.02 min Scan# 3331
Delta R.T. -0.00 min
Lab File: BM025636.D
Acq: 18 Mar 2020 19:22

Tgt Ion:142 Resp: 750

Ion	Ratio	Lower	Upper
142	100		
141	85.6	69.8	104.6

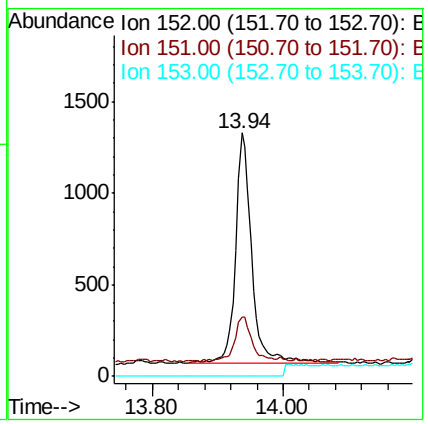




#7
Acenaphthylene
Concen: 0.075 ng/ul
RT: 13.94 min Scan# 3757
Delta R.T. -0.00 min
Lab File: BM025636.D
Acq: 18 Mar 2020 19:22

Tgt Ion:152 Resp: 2014

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



Instrument :
BNA_M
ClientSampleId :
C0AD1

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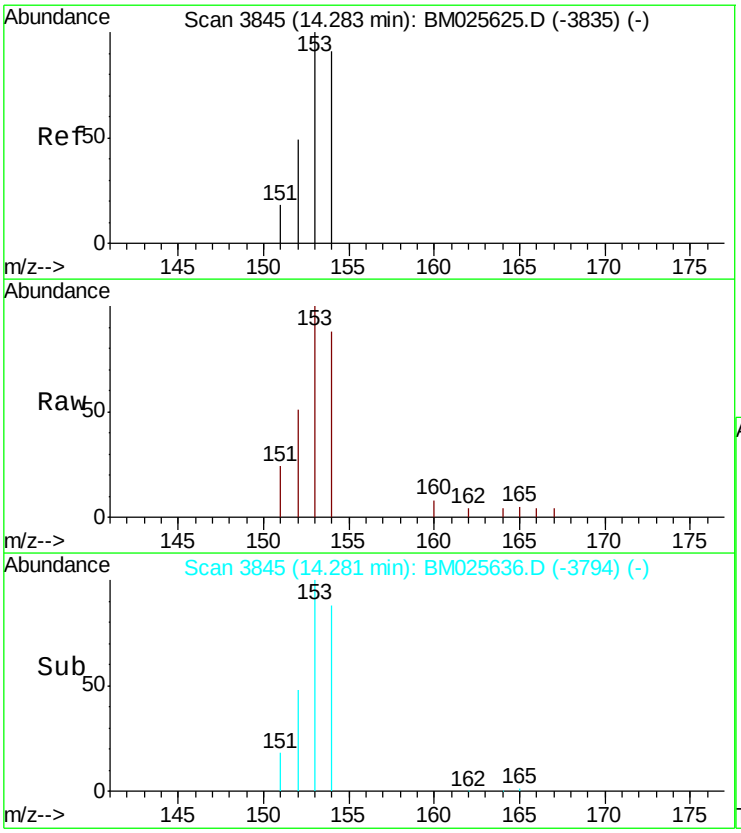
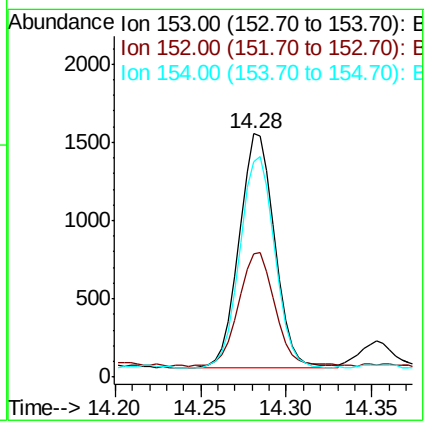
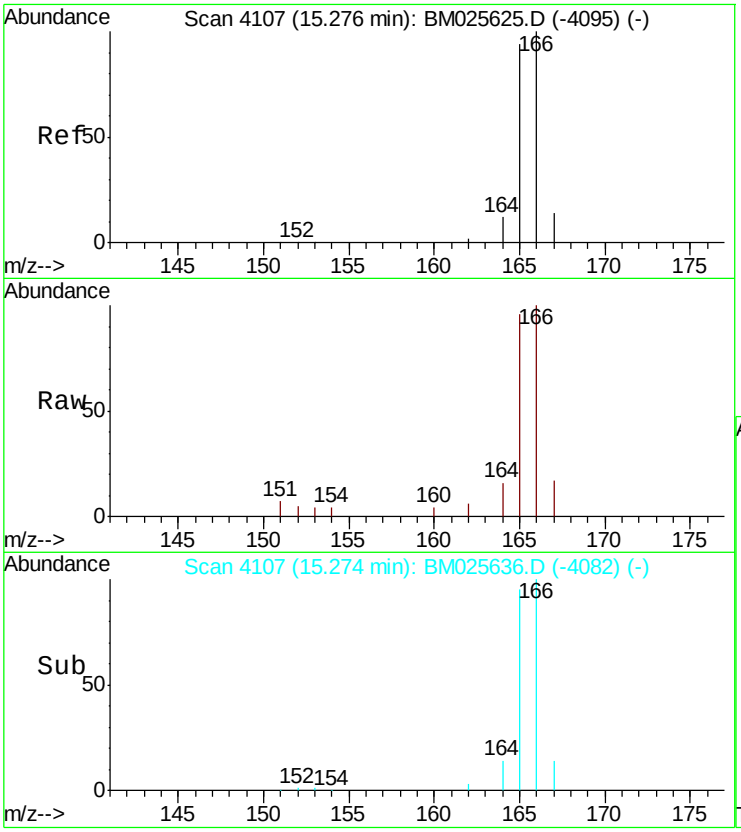


#8
Acenaphthene
Concen: 0.093 ng/ul
RT: 14.28 min Scan# 3845
Delta R.T. -0.01 min
Lab File: BM025636.D
Acq: 18 Mar 2020 19:22

Tgt Ion:153 Resp: 2189

Ion	Ratio	Lower	Upper
153	100		
152	50.7	39.5	59.3
154	88.4	71.7	107.5





#9
Fluorene
Concen: 0.082 ng/ul
RT: 15.27 min Scan# 4107
Delta R.T. -0.00 min
Lab File: BM025636.D
Acq: 18 Mar 2020 19:22

Tgt Ion:166 Resp: 2364

Ion	Ratio	Lower	Upper
166	100		
165	96.2	76.8	115.2
167	17.1	11.2	16.8#

Instrument :
BNA_M
ClientSampleId :
C0AD1

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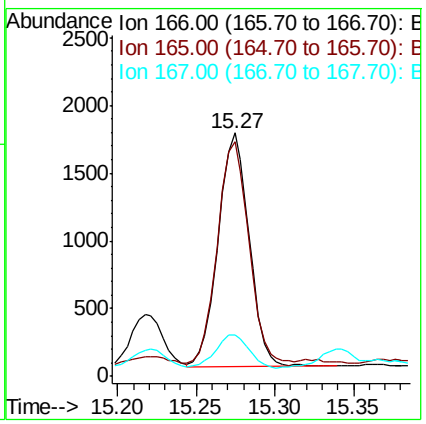
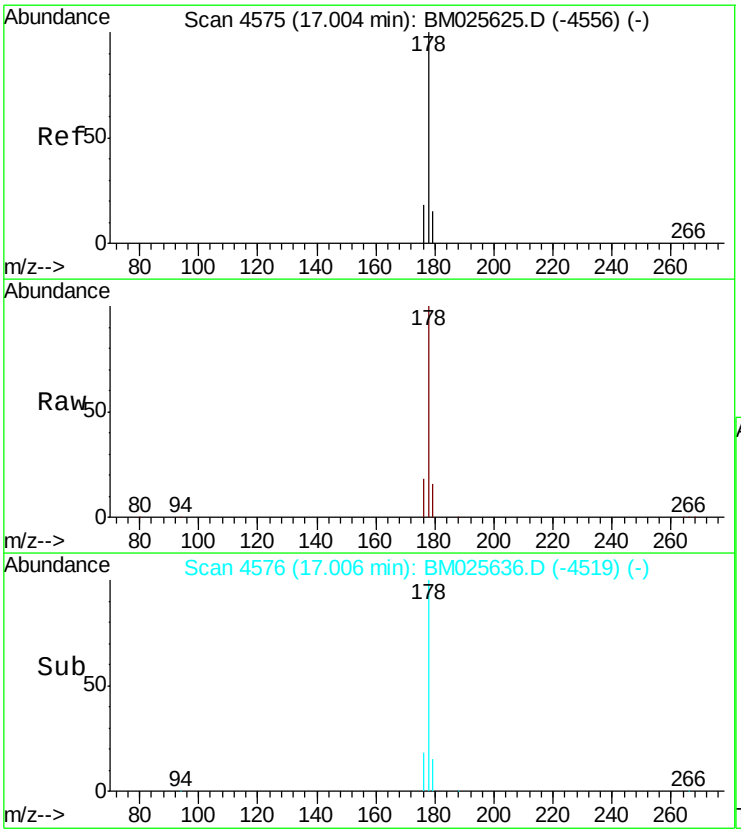
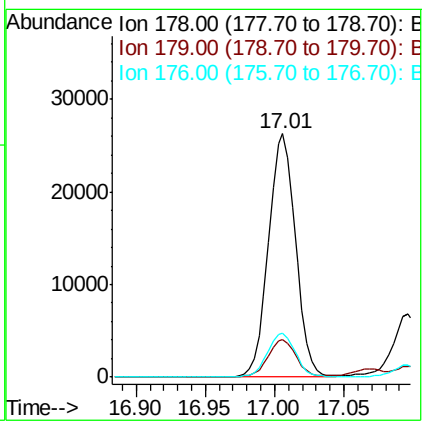


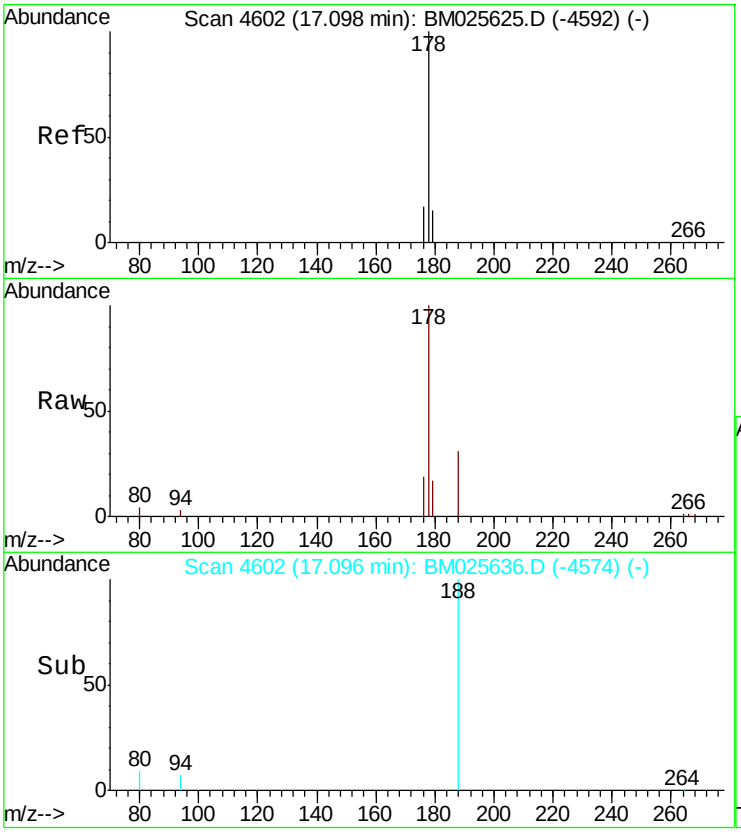


#12
Phenanthrene
Concen: 0.746 ng/ul
RT: 17.01 min Scan# 4576
Delta R.T. -0.00 min
Lab File: BM025636.D
Acq: 18 Mar 2020 19:22

Tgt Ion:178 Resp: 35494

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	18.0	14.8	22.2

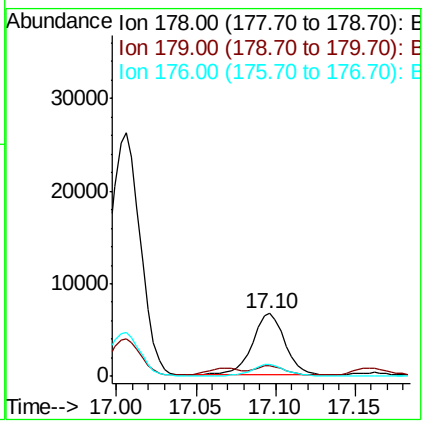




#13
Anthracene
Concen: 0.224 ng/ul
RT: 17.10 min Scan# 4602
Delta R.T. -0.00 min
Lab File: BM025636.D
Acq: 18 Mar 2020 19:22

Tgt Ion:178 Resp: 9265

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.6	18.8
176	18.6	14.5	21.7



Instrument :
BNA_M
ClientSampleId :
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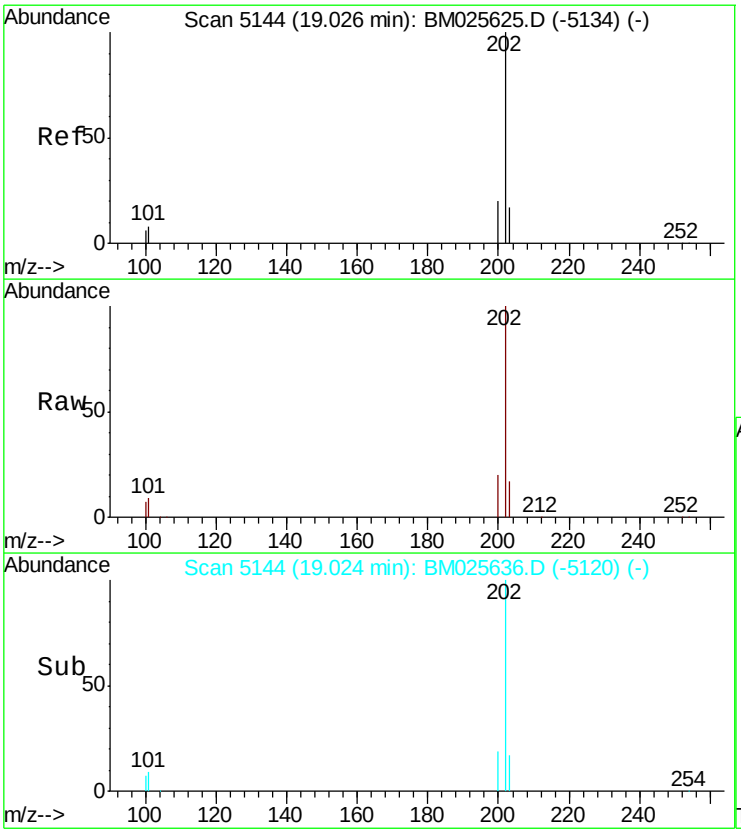
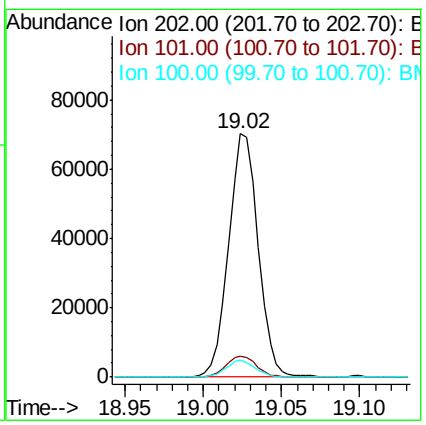
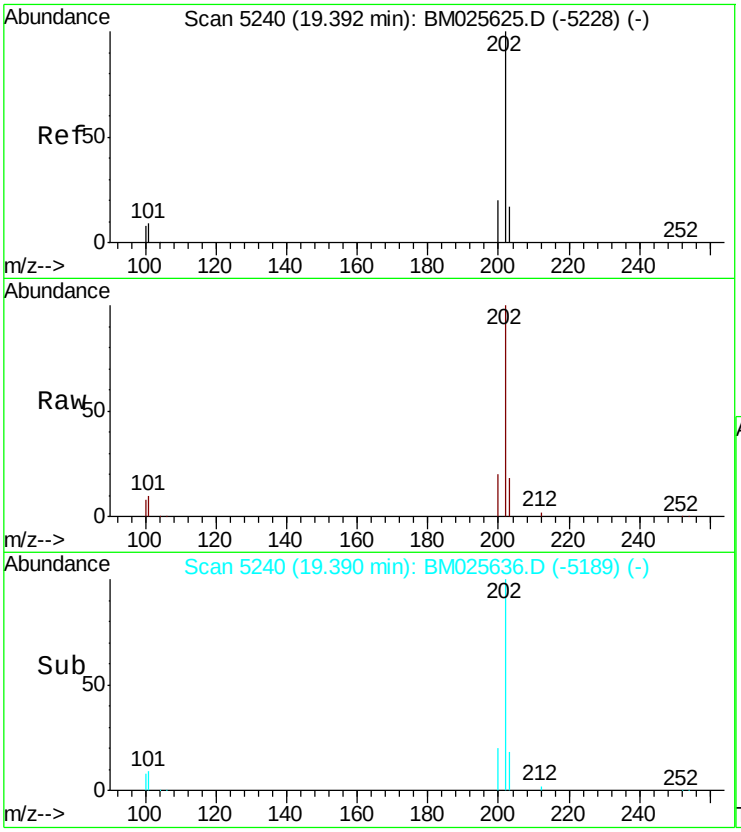


#15
Fluoranthene
Concen: 1.773 ng/ul
RT: 19.02 min Scan# 5144
Delta R.T. -0.01 min
Lab File: BM025636.D
Acq: 18 Mar 2020 19:22

Tgt Ion:202 Resp: 91458

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	27.5
100	6.8	0.0	26.0

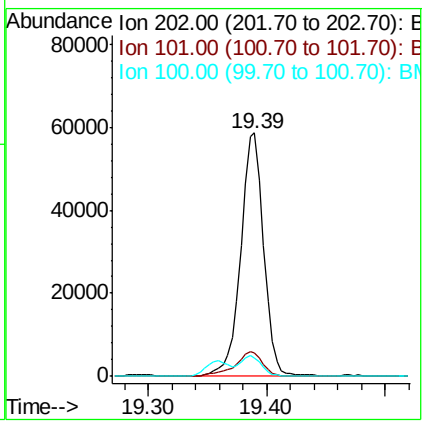




#17
Pyrene
Concen: 1.088 ng/ul
RT: 19.39 min Scan# 5240
Delta R.T. -0.00 min
Lab File: BM025636.D
Acq: 18 Mar 2020 19:22

Tgt Ion:202 Resp: 78807

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.1	10.7
100	7.8	6.0	9.0



Instrument :
BNA_M
ClientSampleId :
C0AD1

Manual Integrations APPROVED
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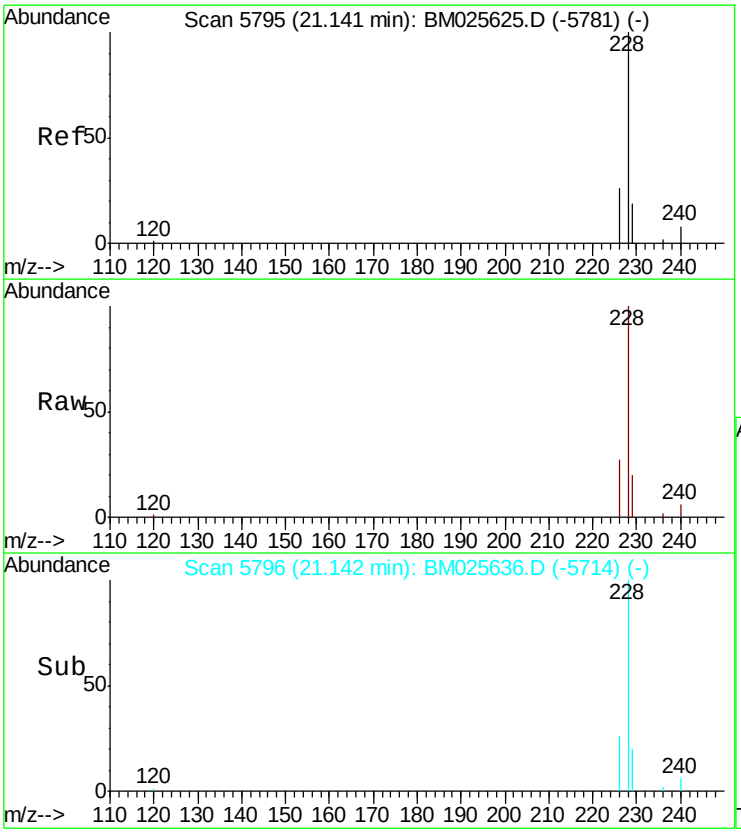
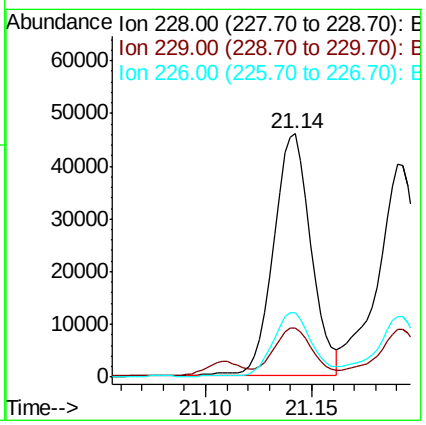
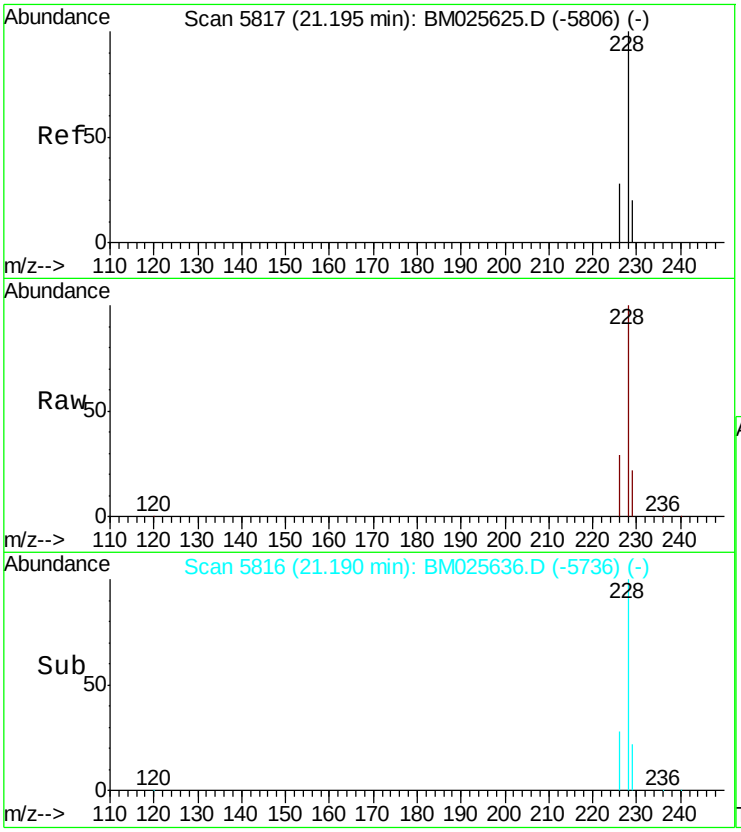


#18
Benzo(a)anthracene
Concen: 0.973 ng/ul
RT: 21.14 min Scan# 5796
Delta R.T. -0.00 min
Lab File: BM025636.D
Acq: 18 Mar 2020 19:22

Tgt Ion:228 Resp: 56142

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

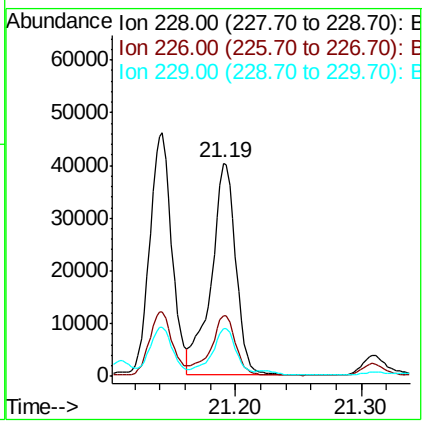




#19
Chrysene
Concen: 0.840 ng/ul
RT: 21.19 min Scan# 5816
Delta R.T. -0.01 min
Lab File: BM025636.D
Acq: 18 Mar 2020 19:22

Tgt Ion:228 Resp: 54431

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.6	35.4
229	22.5	16.3	24.5



Instrument :
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ClientSampleId :
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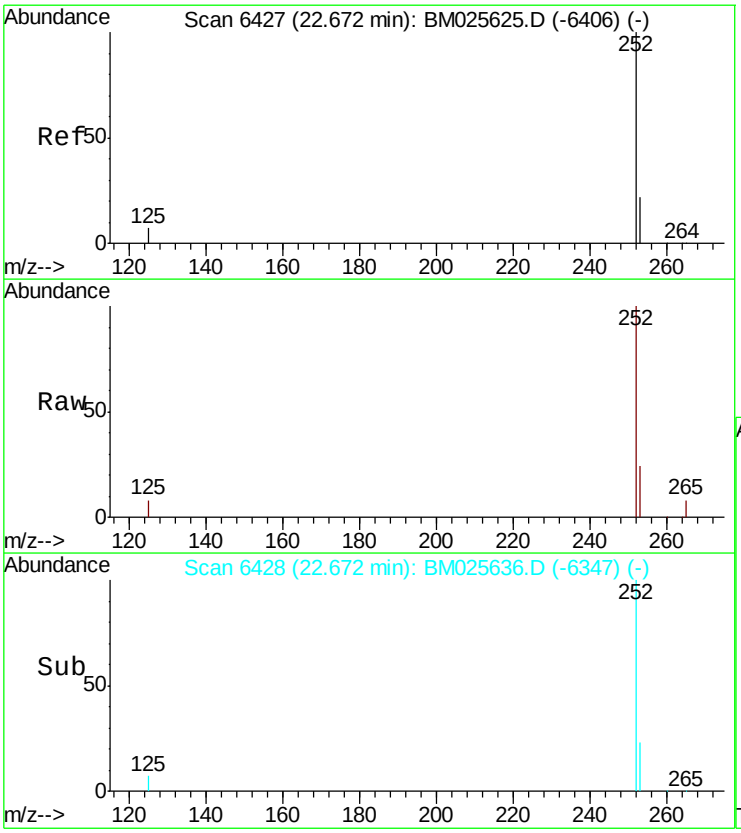
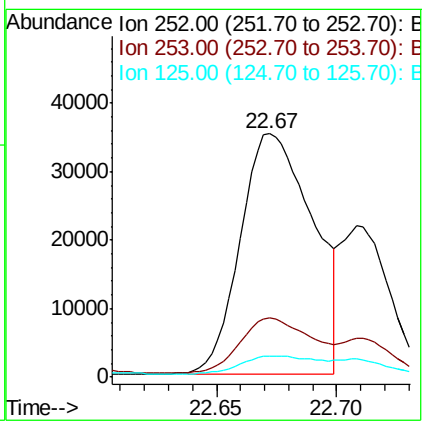
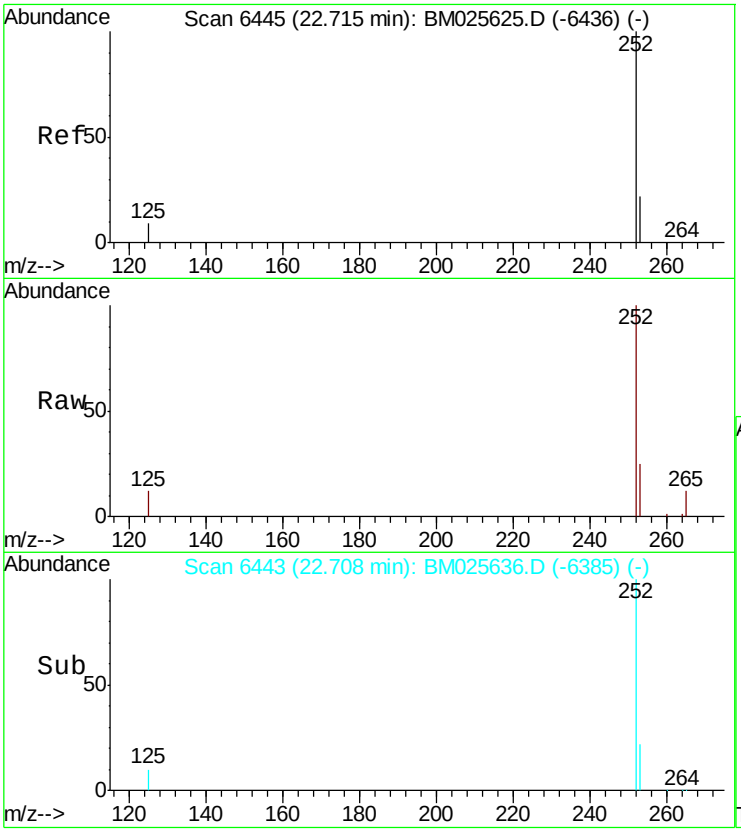


#21
Benzo(b)fluoranthene
Concen: 1.082 ng/ul m
RT: 22.67 min Scan# 6428
Delta R.T. -0.00 min
Lab File: BM025636.D
Acq: 18 Mar 2020 19:22

Tgt Ion:252 Resp: 73307

Ion	Ratio	Lower	Upper
252	100		
253	24.4	0.0	50.2
125	8.5	0.0	17.6





#22
Benzo(k)fluoranthene
Concen: 0.423 ng/ul m
RT: 22.71 min Scan# 6443
Delta R.T. -0.01 min
Lab File: BM025636.D
Acq: 18 Mar 2020 19:22

Tgt Ion:252 Resp: 30033

Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.8	29.8
125	12.1	7.1	10.7#

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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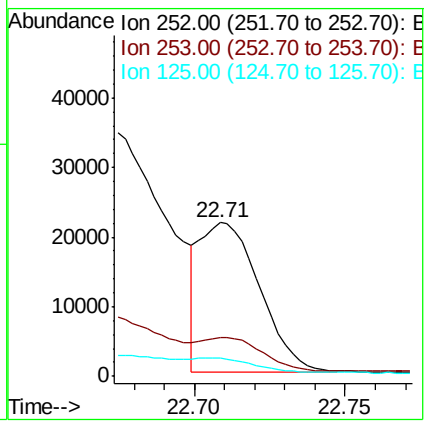
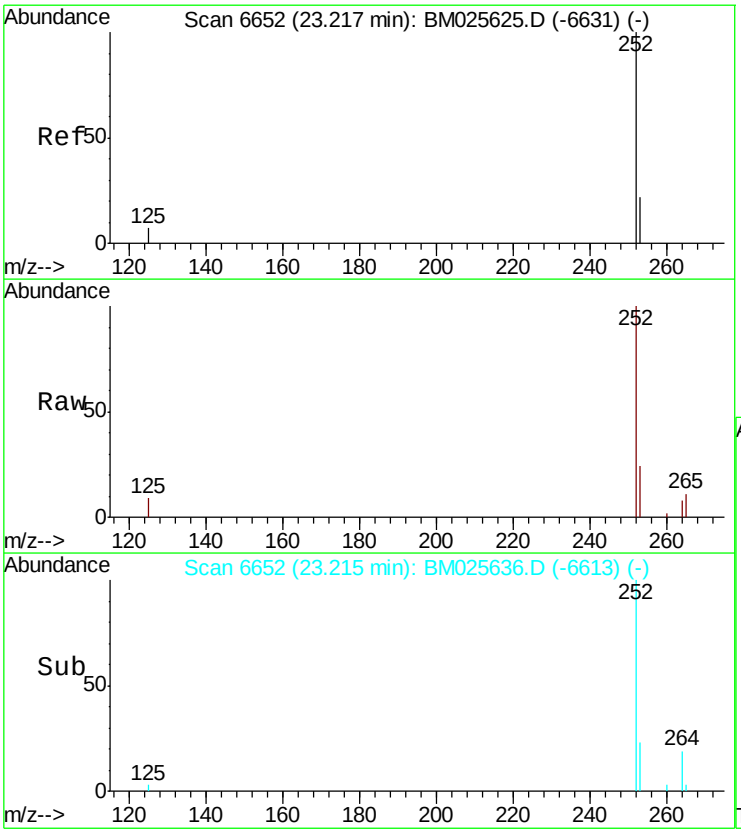
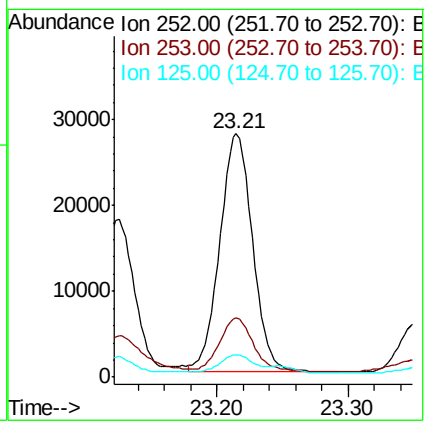


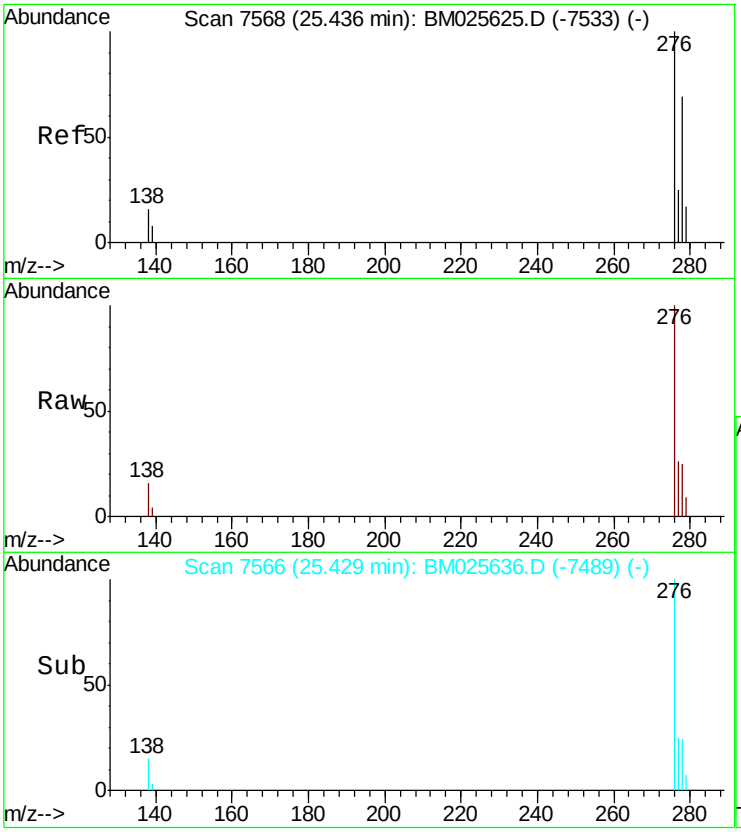


#23
Benzo(a)pyrene
Concen: 0.870 ng/ul
RT: 23.21 min Scan# 6652
Delta R.T. -0.01 min
Lab File: BM025636.D
Acq: 18 Mar 2020 19:22

Tgt Ion:252 Resp: 48923

Ion	Ratio	Lower	Upper
252	100		
253	24.5	21.3	31.9
125	9.1	8.5	12.7





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.440 ng/ul
RT: 25.43 min Scan# 7566
Delta R.T. -0.01 min
Lab File: BM025636.D
Acq: 18 Mar 2020 19:22

Tgt Ion:276 Resp: 33601

Ion	Ratio	Lower	Upper
276	100		
138	15.5	12.3	18.5
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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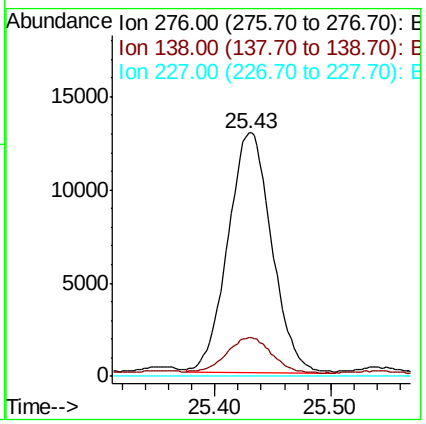
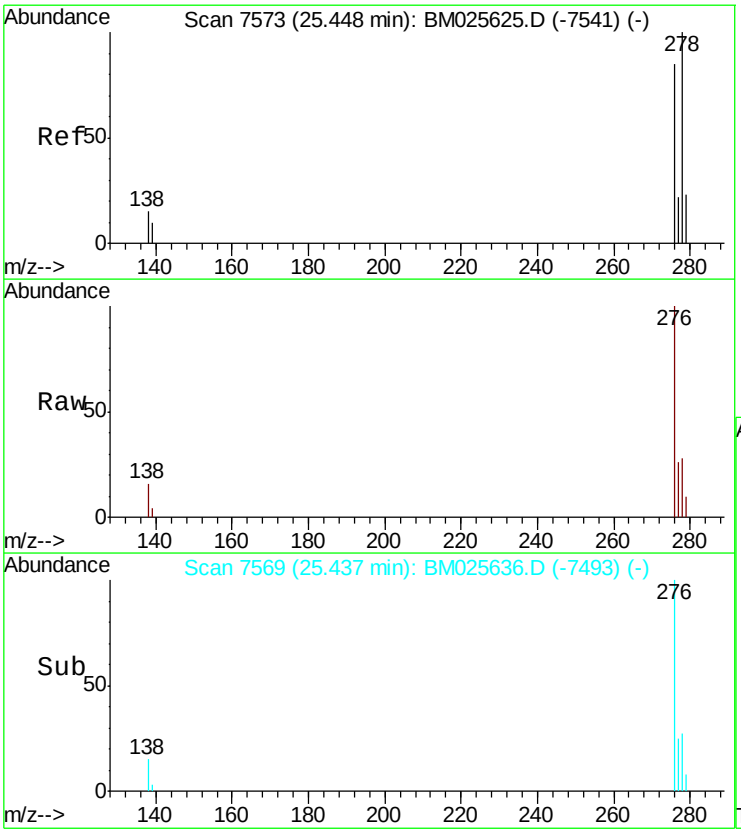
3/19/2020 12:43:31 PM

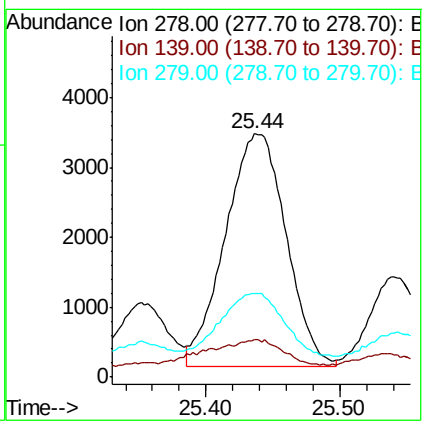


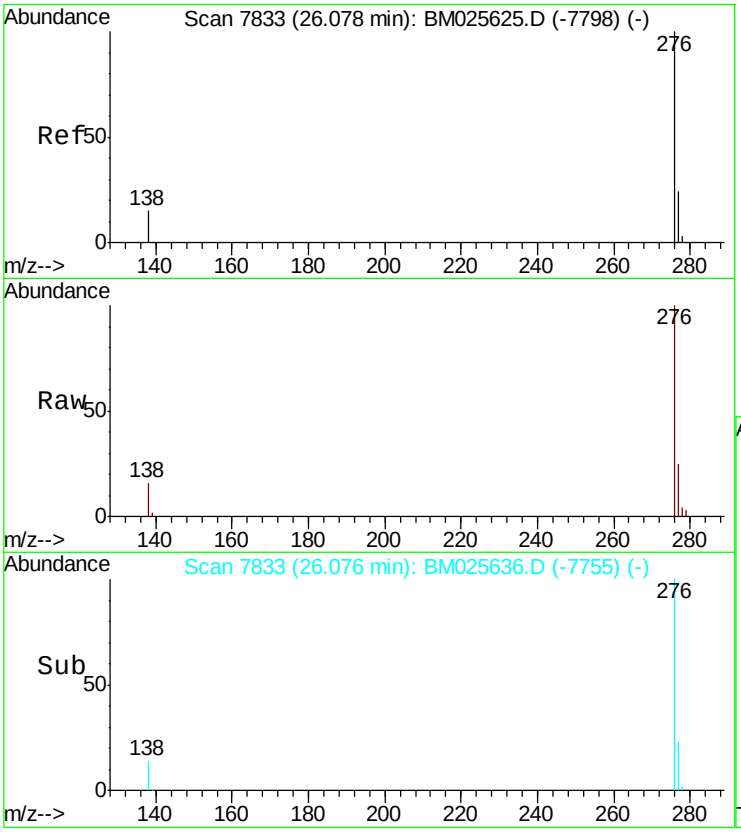


#25
Dibenzo(a,h)anthracene
Concen: 0.164 ng/ul
RT: 25.44 min Scan# 7569
Delta R.T. -0.01 min
Lab File: BM025636.D
Acq: 18 Mar 2020 19:22

Tgt Ion:278 Resp: 10509

Ion	Ratio	Lower	Upper
278	100		
139	15.3	9.0	13.6#
279	34.4	21.1	31.7#

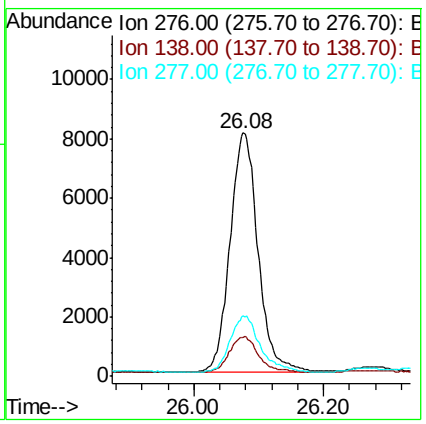




#26
Benzo(g,h,i)perylene
Concen: 0.364 ng/ul
RT: 26.08 min Scan# 7833
Delta R.T. -0.01 min
Lab File: BM025636.D
Acq: 18 Mar 2020 19:22

Tgt Ion:276 Resp: 24111

Ion	Ratio	Lower	Upper
276	100		
138	15.8	11.0	16.4
277	24.7	19.8	29.6



Instrument :
BNA_M
ClientSampleId :
C0AD1

Manual Integrations APPROVED
mohammad
3/19/2020 12:43:31 PM