Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021960.D
Acq On : 09 Aug 2019 08:42
Operator : HP/JU
Sample : K4029-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
Sohil
8/13/2019 8:30:13 AM

Quant Time: Aug 09 13:09:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	980	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	4061	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2259	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	5242m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	5080m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	5019m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1751	0.26	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	4814m	0.27	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.44	128	1076	0.094	ng/ul#	90
5) 2-Methylnaphthalene	12.08	142	528	0.069	ng/ul	96
7) Acenaphthylene	13.99	152	3252	0.309	ng/ul#	77
8) Acenaphthene	14.33	153	1269	0.147	ng/ul	95
9) Fluorene	15.33	166	1630	0.170	ng/ul	96
12) Phenanthrene	17.07	178	32979m	2.162	ng/ul	
13) Anthracene	17.16	178	8122m	0.624	ng/ul	
15) Fluoranthene	19.09	202	86920m	4.254	ng/ul	
17) Pyrene	19.46	202	82507	3.952	ng/ul	100
18) Benzo(a)anthracene	21.21	228	46423	2.555	ng/ul	99
19) Chrysene	21.27	228	51140	2.188	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	68078m	4.022	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	25028m	1.307	ng/ul	
23) Benzo(a)pyrene	23.35	252	46750m	2.716	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.65	276	32018m	1.558	ng/ul	
25) Dibenzo(a,h)anthracene	25.65	278	7400	0.445	ng/ul	96
26) Benzo(g,h,i)perylene	26.33	276	28612m	1.546	ng/ul	

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

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Manual Integrations APPROVED
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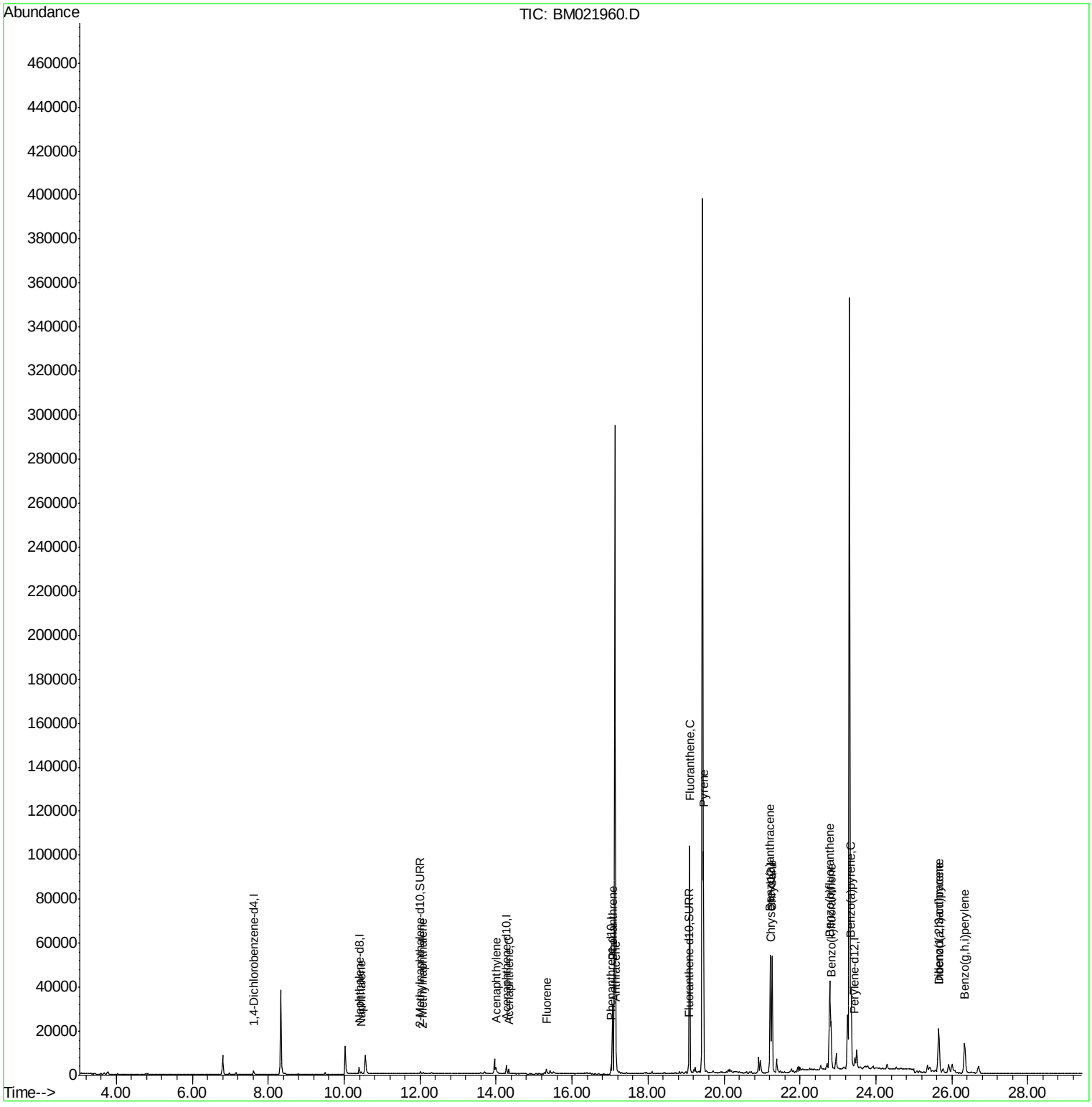

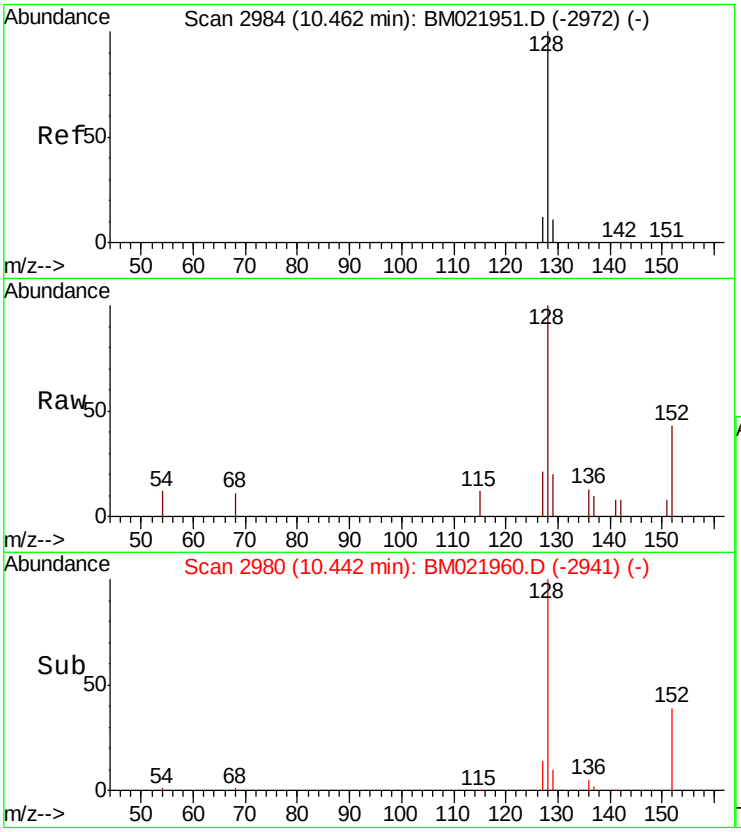

#3
Naphthalene
Concen: 0.094 ng/ul
RT: 10.44 min Scan# 2980
Delta R.T. -0.02 min
Lab File: BM021960.D
Acq: 09 Aug 2019 08:42

Tgt Ion:128 Resp: 1076

Ion	Ratio	Lower	Upper
128	100		
129	19.7	12.3	18.5#
127	20.7	13.0	19.6#

Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
Sohil
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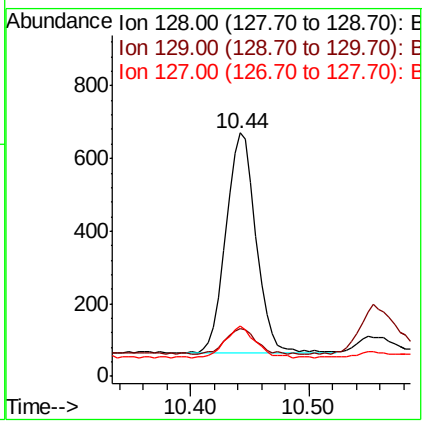
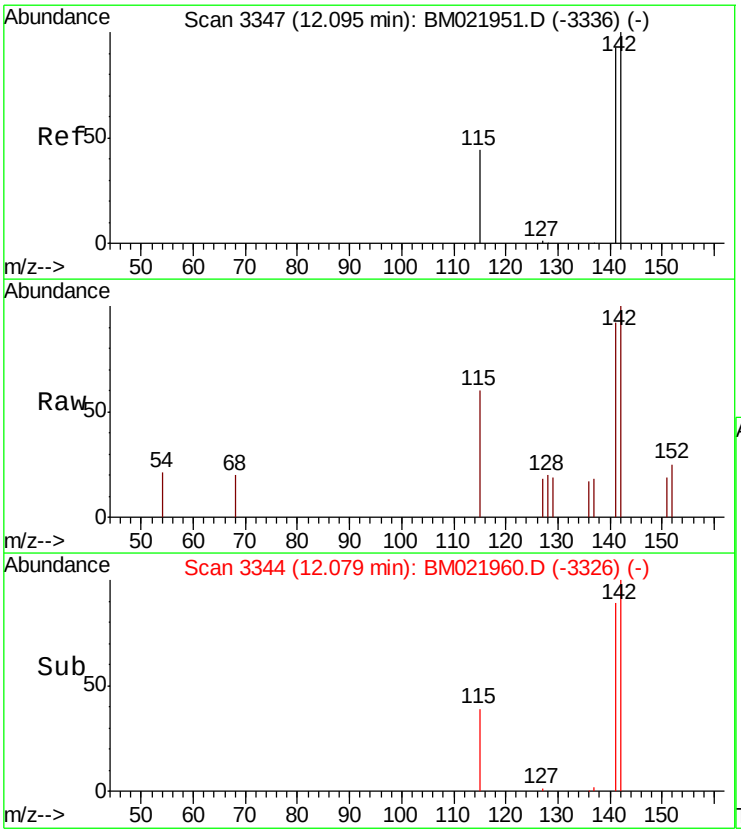
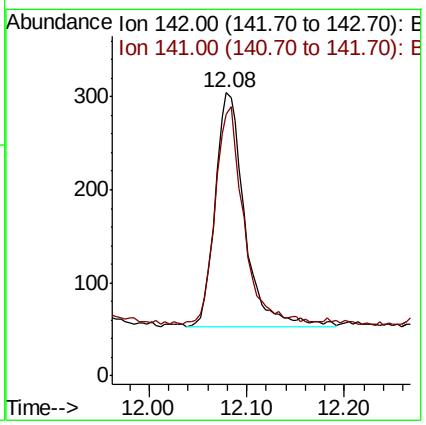


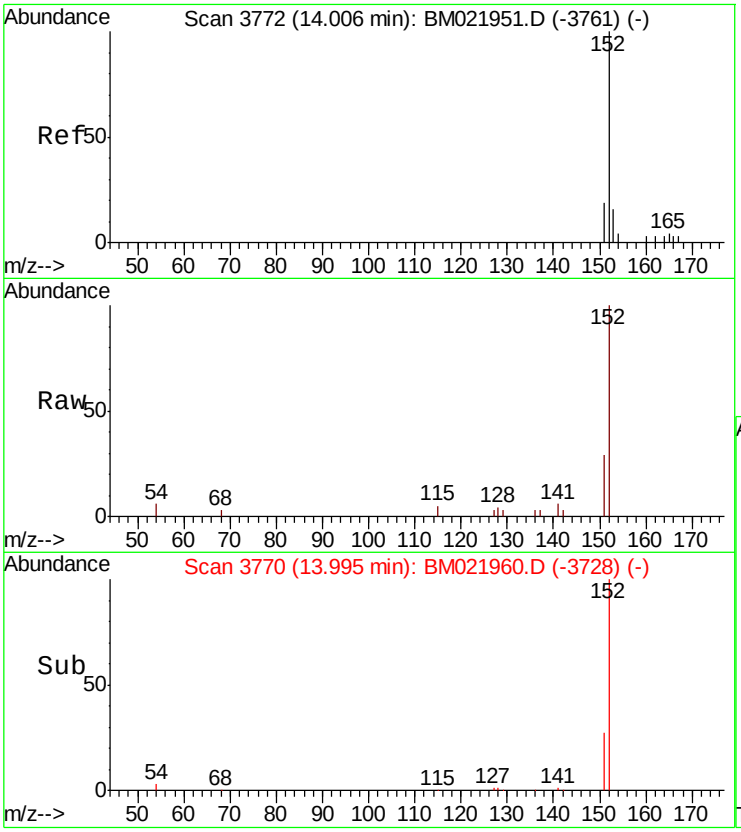


#5
2-Methylnaphthalene
Concen: 0.069 ng/ul
RT: 12.08 min Scan# 3344
Delta R.T. -0.02 min
Lab File: BM021960.D
Acq: 09 Aug 2019 08:42

Tgt Ion:142 Resp: 528

Ion	Ratio	Lower	Upper
142	100		
141	89.4	74.3	111.5

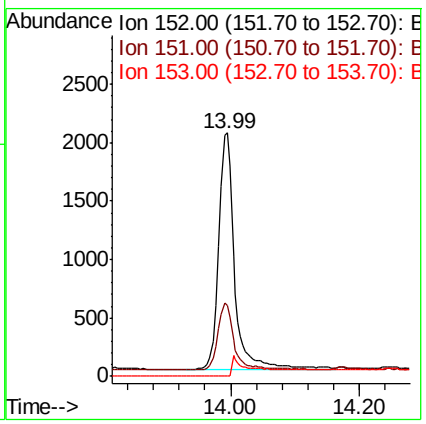




#7
Acenaphthylene
Concen: 0.309 ng/ul
RT: 13.99 min Scan# 3770
Delta R.T. -0.01 min
Lab File: BM021960.D
Acq: 09 Aug 2019 08:42

Tgt Ion:152 Resp: 3252

Ion	Ratio	Lower	Upper
152	100		
151	29.2	18.3	27.5#
153	0.0	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
BENX5

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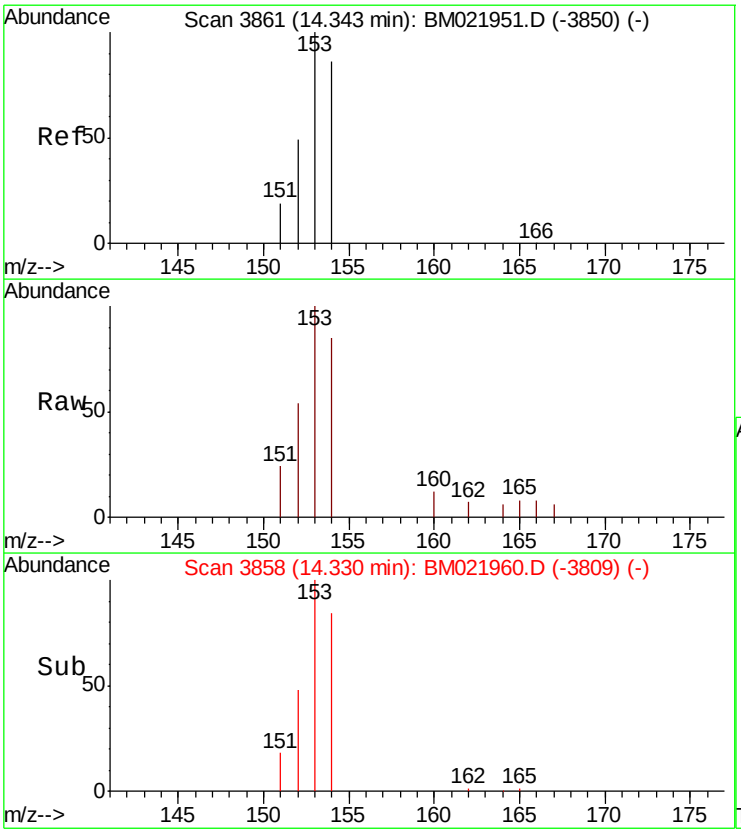
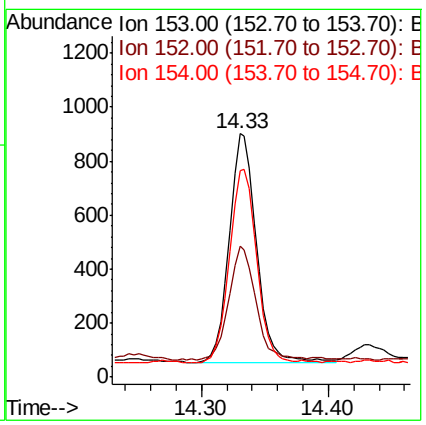
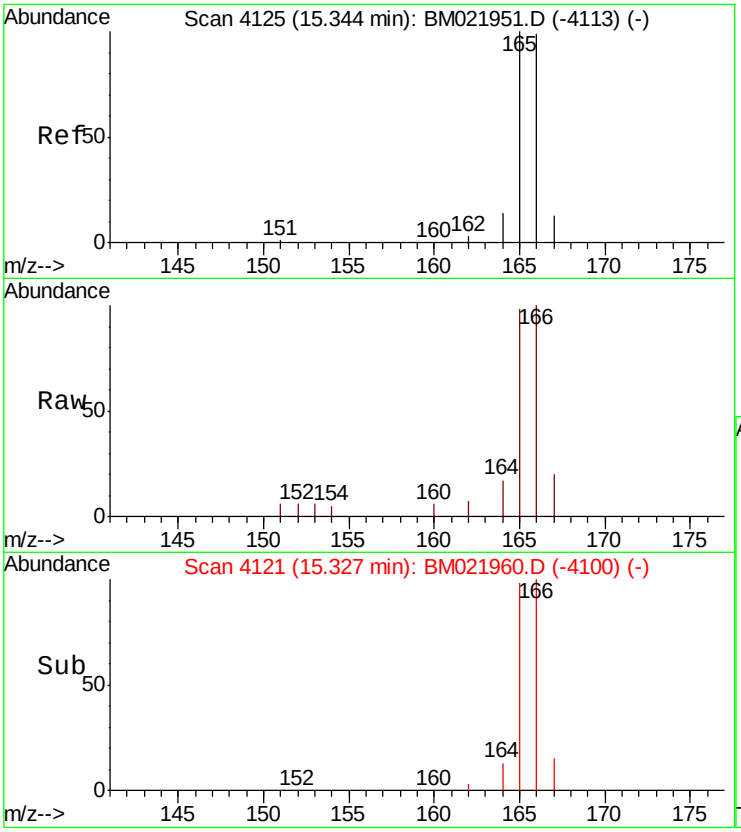


#8
Acenaphthene
Concen: 0.147 ng/ul
RT: 14.33 min Scan# 3858
Delta R.T. -0.02 min
Lab File: BM021960.D
Acq: 09 Aug 2019 08:42

Tgt Ion:153 Resp: 1269

Ion	Ratio	Lower	Upper
153	100		
152	53.7	41.3	61.9
154	84.7	72.3	108.5

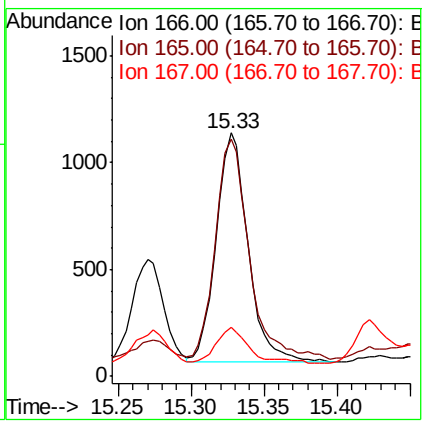




#9
Fluorene
Concen: 0.170 ng/ul
RT: 15.33 min Scan# 4121
Delta R.T. -0.02 min
Lab File: BM021960.D
Acq: 09 Aug 2019 08:42

Tgt Ion:166 Resp: 1630

Ion	Ratio	Lower	Upper
166	100		
165	97.6	81.4	122.0
167	19.9	13.7	20.5



Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
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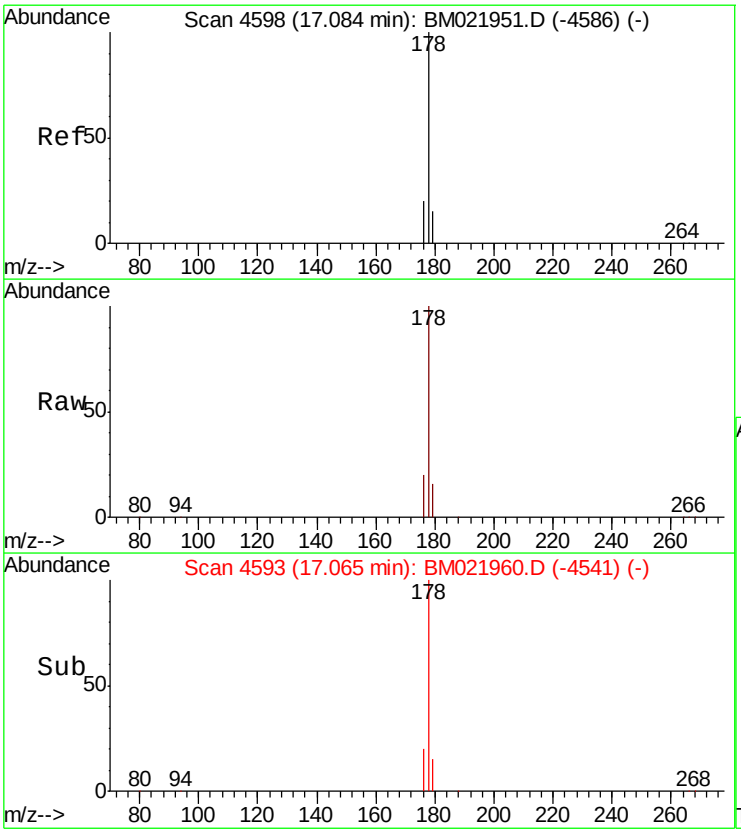
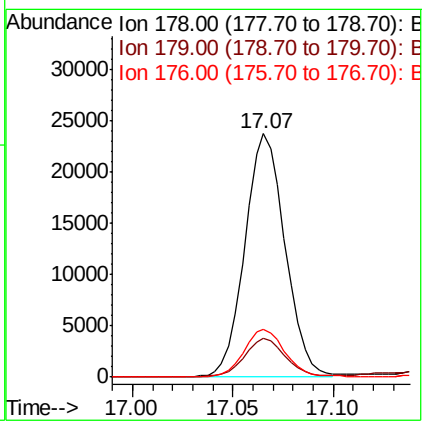
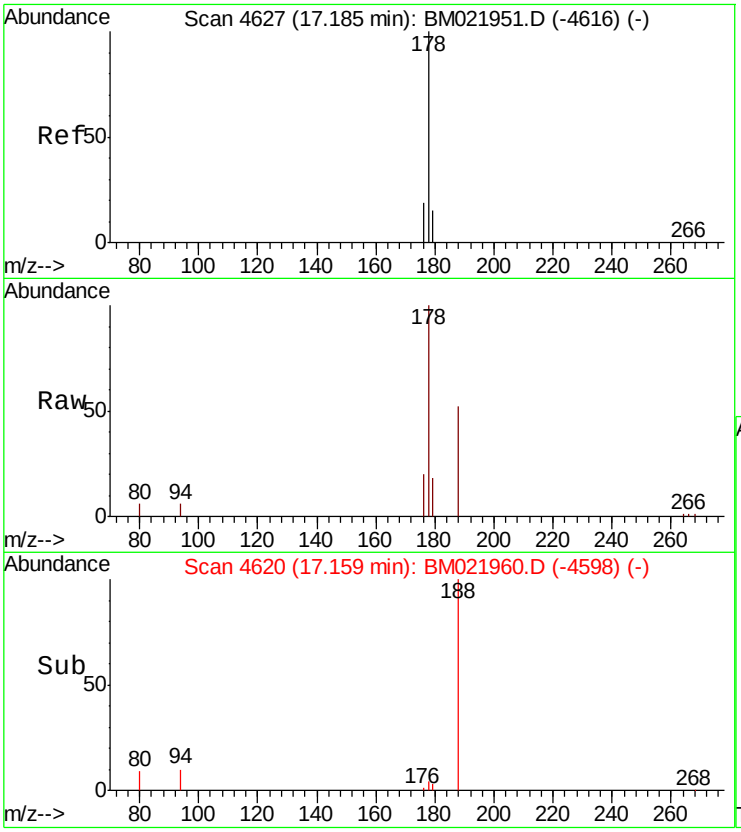


#12
Phenanthrene
Concen: 2.162 ng/ul m
RT: 17.07 min Scan# 4593
Delta R.T. -0.02 min
Lab File: BM021960.D
Acq: 09 Aug 2019 08:42

Tgt Ion:178 Resp: 32979

Ion	Ratio	Lower	Upper
178	100		
179	15.7	14.2	21.2
176	19.8	16.8	25.2

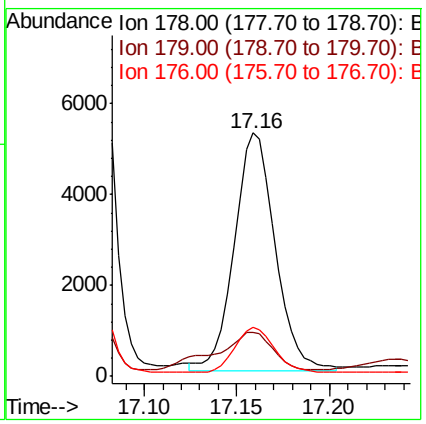




#13
Anthracene
Concen: 0.624 ng/ul m
RT: 17.16 min Scan# 4620
Delta R.T. -0.02 min
Lab File: BM021960.D
Acq: 09 Aug 2019 08:42

Tgt Ion:178 Resp: 8122

Ion	Ratio	Lower	Upper
178	100		
179	18.2	15.5	23.3
176	20.1	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
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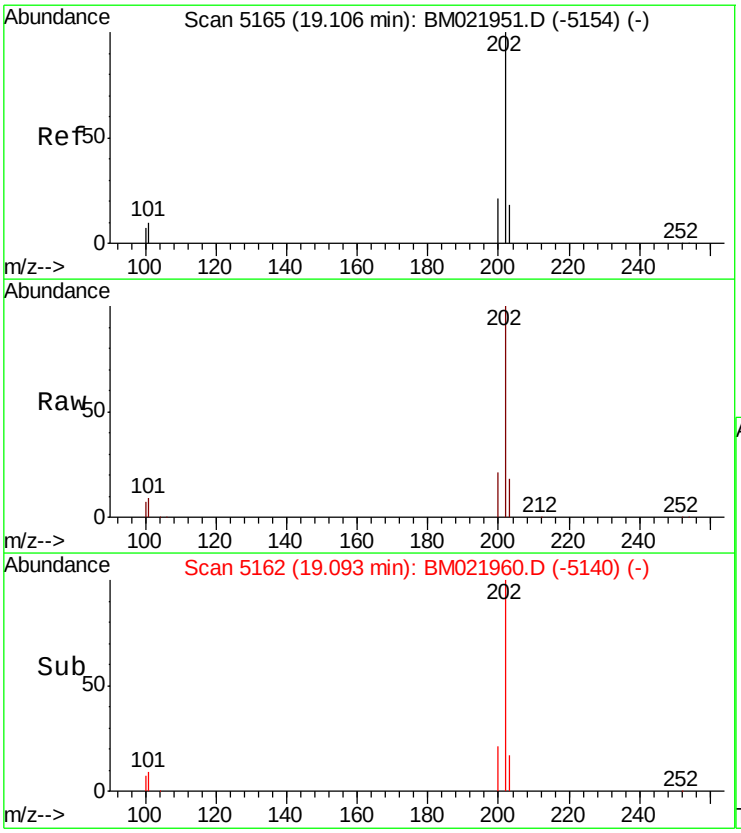
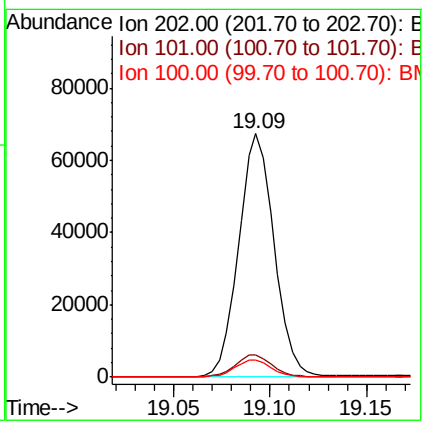
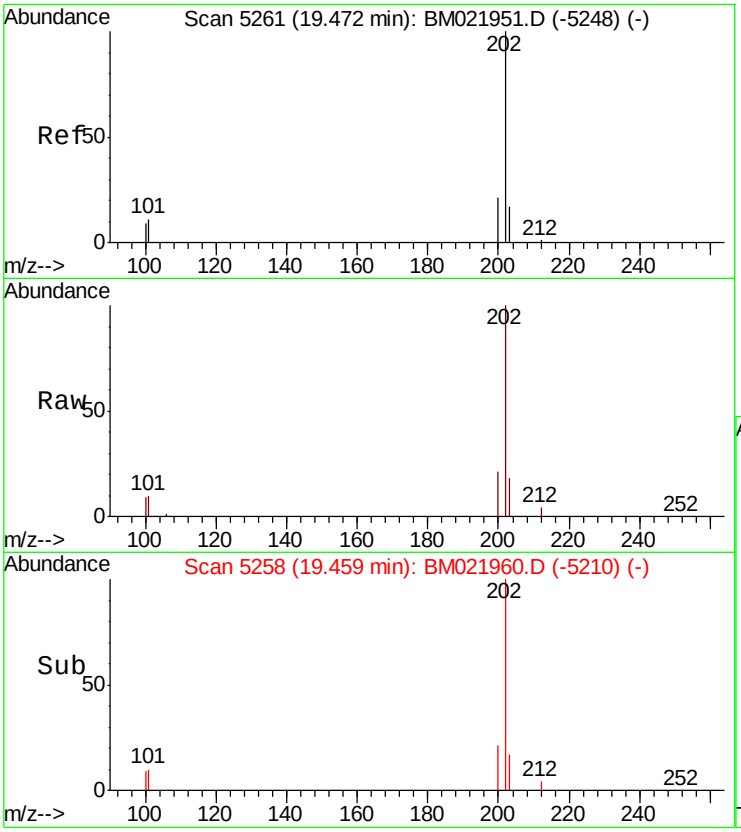


#15
Fluoranthene
Concen: 4.254 ng/ul m
RT: 19.09 min Scan# 5162
Delta R.T. -0.02 min
Lab File: BM021960.D
Acq: 09 Aug 2019 08:42

Tgt Ion:202 Resp: 86920

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	30.2
100	7.1	0.0	28.1

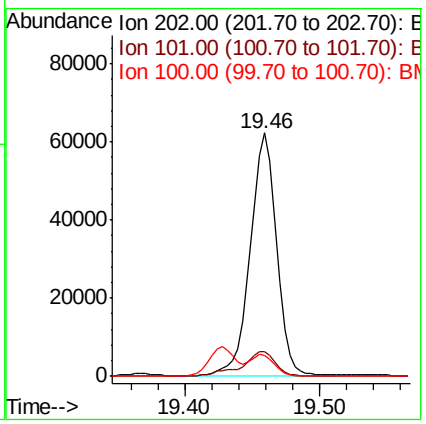




#17
Pyrene
Concen: 3.952 ng/ul
RT: 19.46 min Scan# 5258
Delta R.T. -0.02 min
Lab File: BM021960.D
Acq: 09 Aug 2019 08:42

Tgt Ion:202 Resp: 82507

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.3	12.5
100	8.7	7.2	10.8



Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
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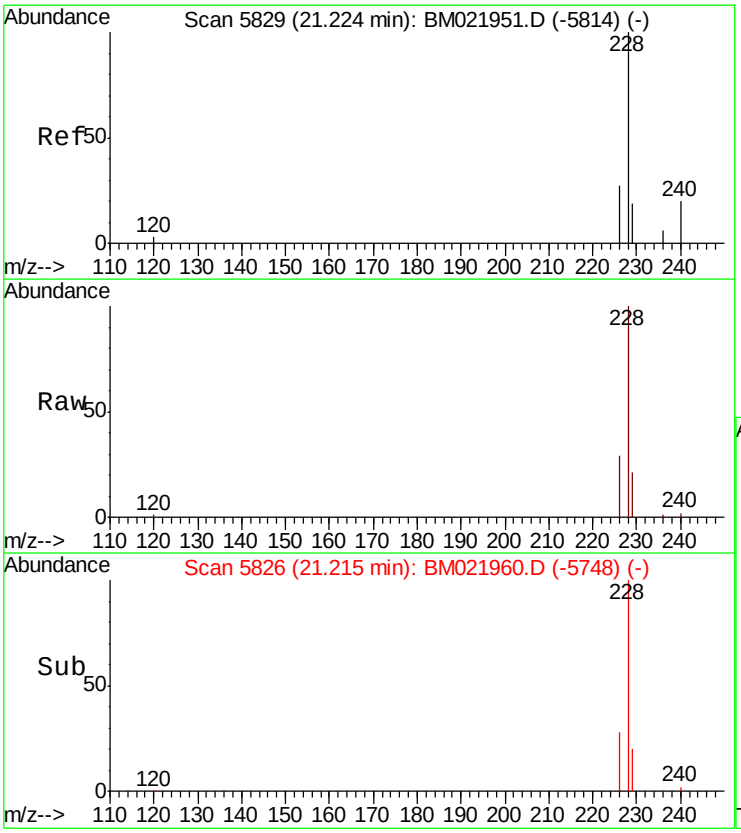
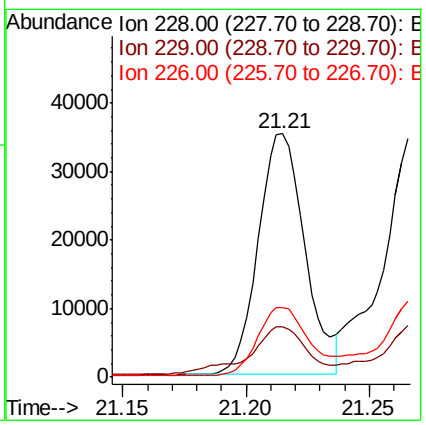
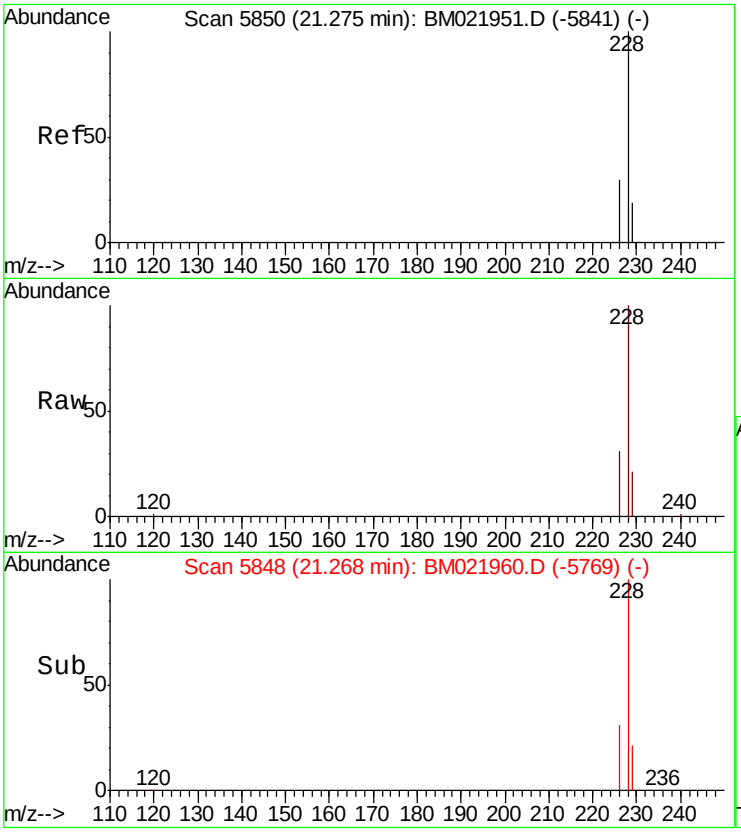


#18
Benzo(a)anthracene
Concen: 2.555 ng/ul
RT: 21.21 min Scan# 5826
Delta R.T. -0.01 min
Lab File: BM021960.D
Acq: 09 Aug 2019 08:42

Tgt Ion:228 Resp: 46423

Ion	Ratio	Lower	Upper
228	100		
229	20.8	17.2	25.8
226	28.8	22.6	34.0

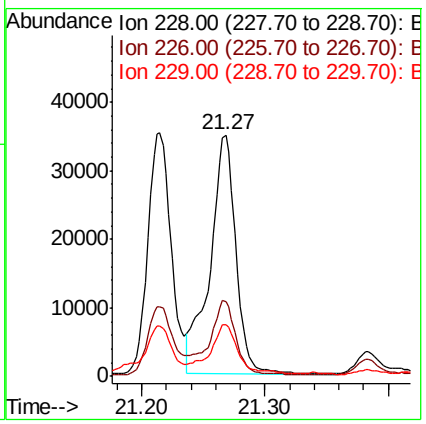




#19
Chrysene
Concen: 2.188 ng/ul
RT: 21.27 min Scan# 5848
Delta R.T. -0.01 min
Lab File: BM021960.D
Acq: 09 Aug 2019 08:42

Tgt Ion:228 Resp: 51140

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	21.4	16.6	25.0



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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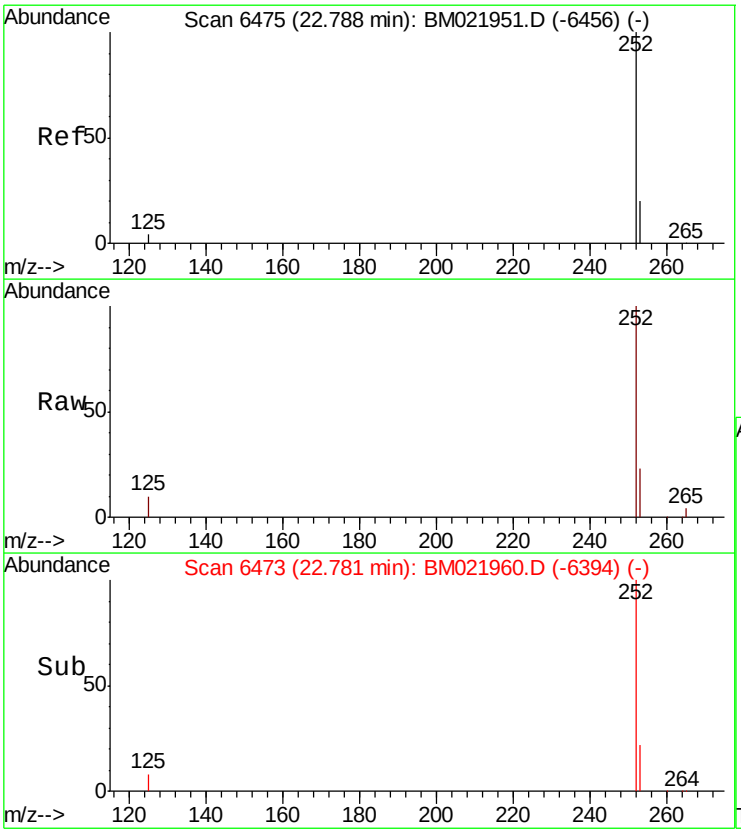
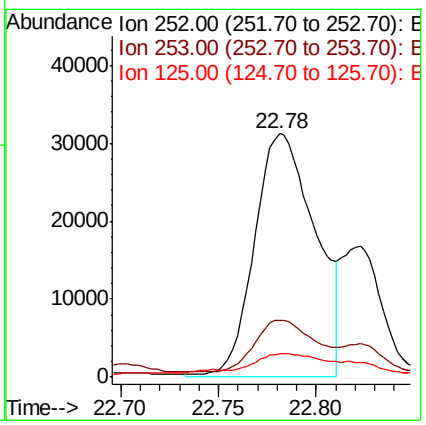
8/13/2019 8:30:13 AM

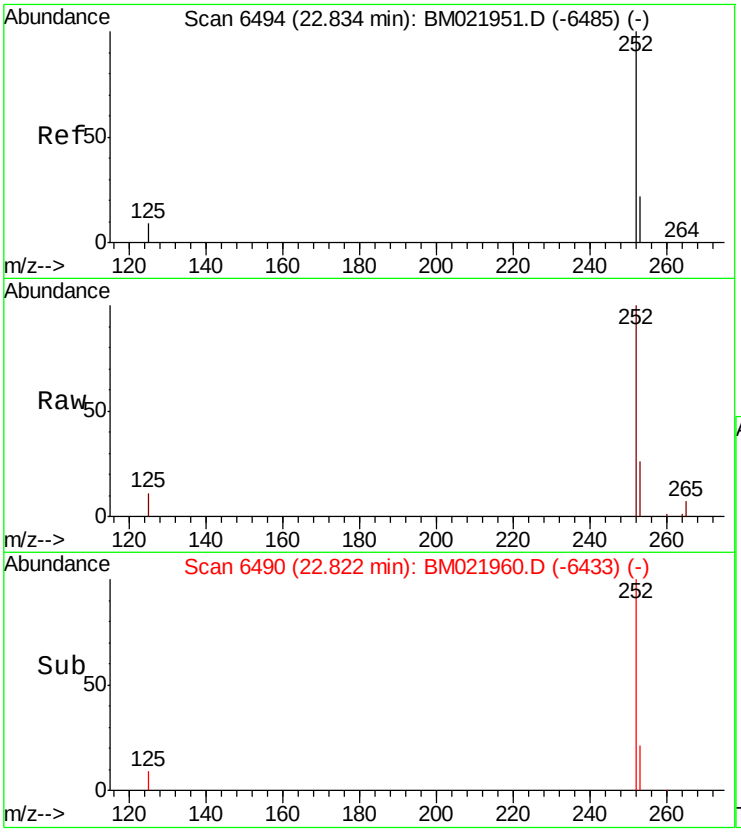


#21
Benzo(b)fluoranthene
Concen: 4.022 ng/ul m
RT: 22.78 min Scan# 6473
Delta R.T. -0.01 min
Lab File: BM021960.D
Acq: 09 Aug 2019 08:42

Tgt Ion:252 Resp: 68078

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	67.4
125	9.6	0.0	31.0





#22
Benzo(k)fluoranthene
Concen: 1.307 ng/ul m
RT: 22.82 min Scan# 6490
Delta R.T. -0.01 min
Lab File: BM021960.D
Acq: 09 Aug 2019 08:42

Tgt Ion:252 Resp: 25028

Ion	Ratio	Lower	Upper
252	100		
253	25.6	27.0	40.4#
125	11.1	12.2	18.2#

Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
Sohil
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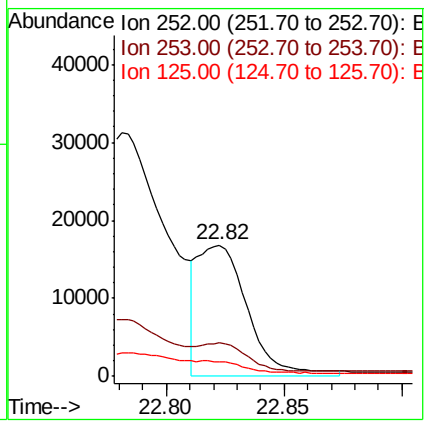
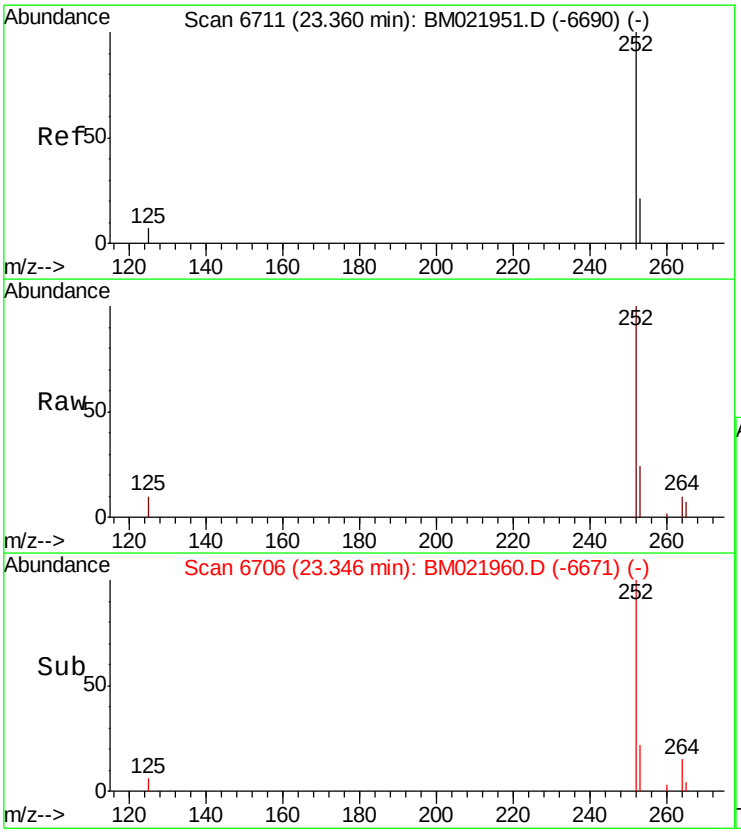
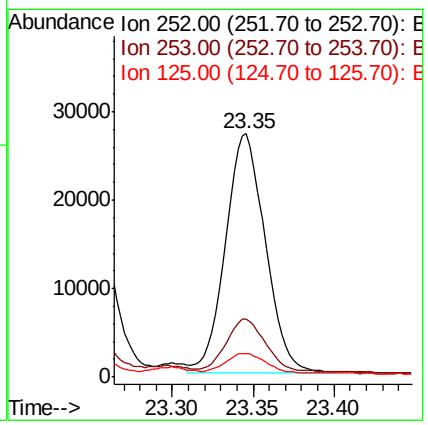


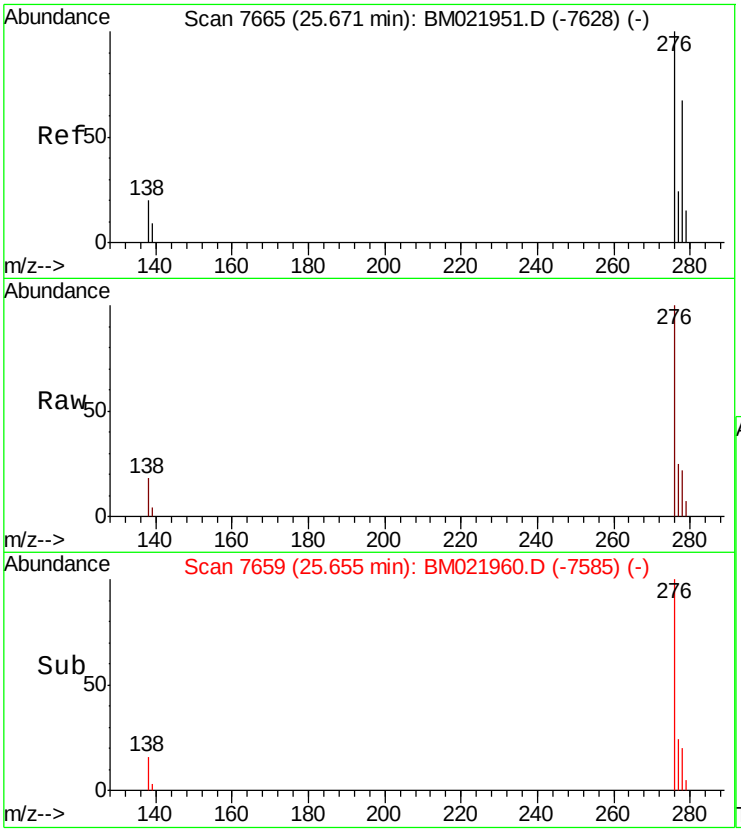


#23
Benzo(a)pyrene
Concen: 2.716 ng/ul m
RT: 23.35 min Scan# 6706
Delta R.T. -0.01 min
Lab File: BM021960.D
Acq: 09 Aug 2019 08:42

Tgt Ion:252 Resp: 46750

Ion	Ratio	Lower	Upper
252	100		
253	23.8	31.7	47.5#
125	9.9	14.6	21.8#

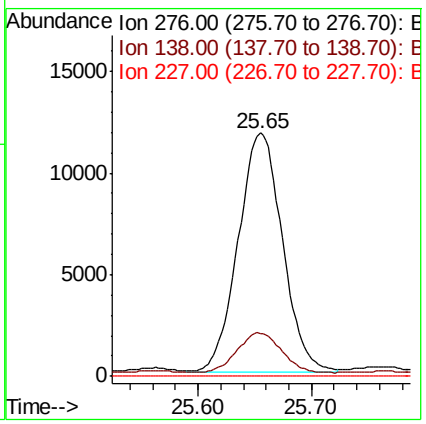




#24
Indeno(1,2,3-cd)pyrene
Concen: 1.558 ng/ul m
RT: 25.65 min Scan# 7659
Delta R.T. -0.02 min
Lab File: BM021960.D
Acq: 09 Aug 2019 08:42

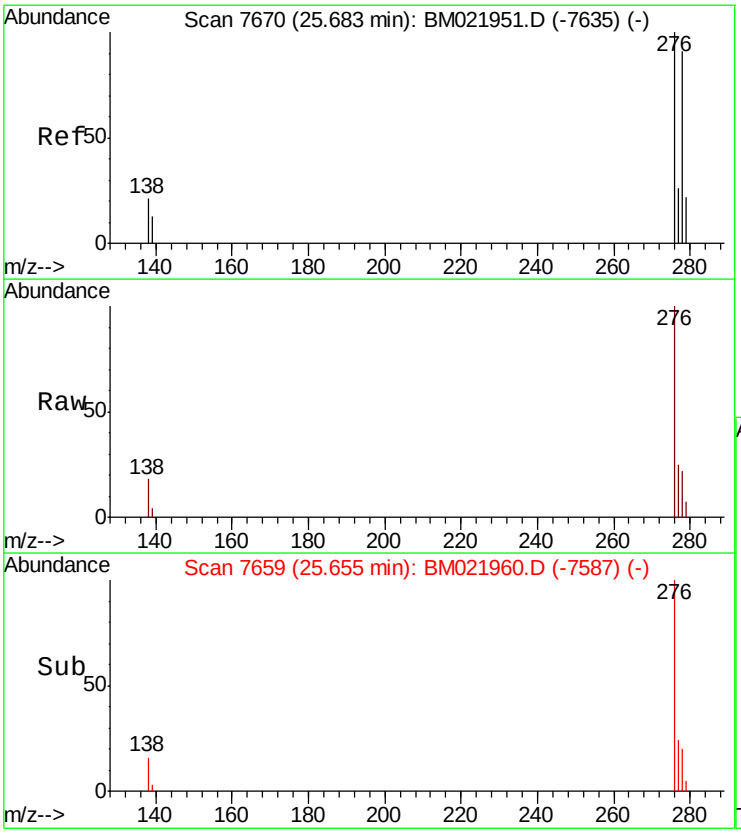
Tgt Ion:276 Resp: 32018

Ion	Ratio	Lower	Upper
276	100		
138	1.5	15.1	22.7#
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
BENX5

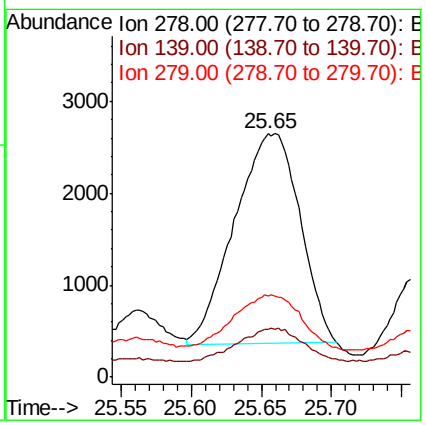
Manual Integrations APPROVED
Sohil
8/13/2019 8:30:13 AM

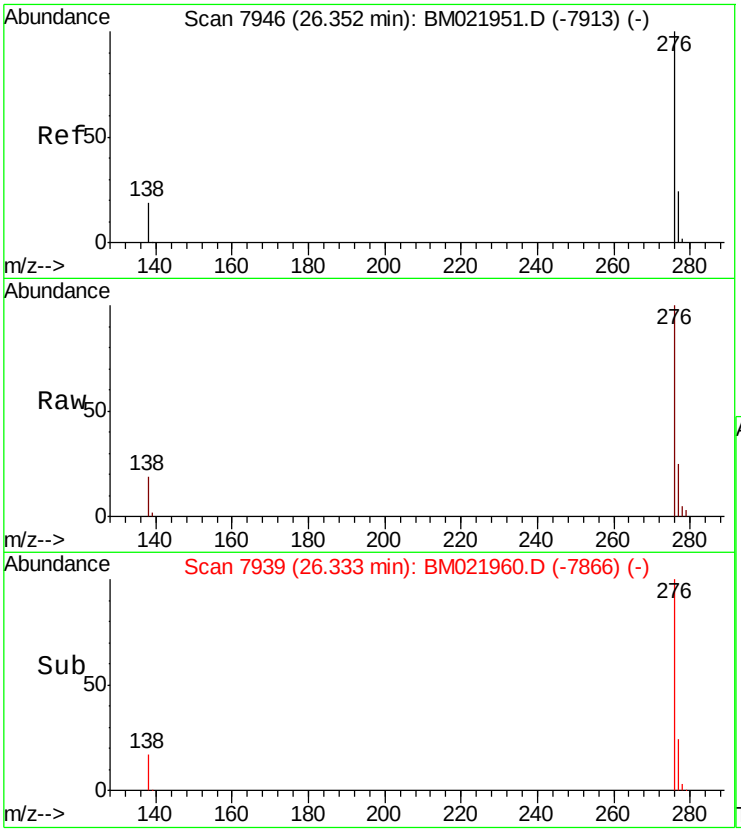


#25
Dibenzo(a,h)anthracene
Concen: 0.445 ng/ul
RT: 25.65 min Scan# 7659
Delta R.T. -0.03 min
Lab File: BM021960.D
Acq: 09 Aug 2019 08:42

Tgt Ion:278 Resp: 7400

Ion	Ratio	Lower	Upper
278	100		
139	19.8	14.2	21.2
279	33.2	28.3	42.5

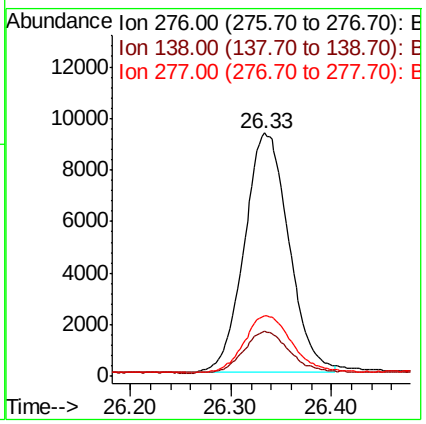




#26
Benzo(g,h,i)perylene
Concen: 1.546 ng/ul m
RT: 26.33 min Scan# 7939
Delta R.T. -0.02 min
Lab File: BM021960.D
Acq: 09 Aug 2019 08:42

Tgt Ion:276 Resp: 28612

Ion	Ratio	Lower	Upper
276	100		
138	18.5	15.5	23.3
277	24.9	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
Sohil
8/13/2019 8:30:13 AM