Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
Data File : BM022017.D
Acq On : 11 Aug 2019 04:46
Operator : HP/JU
Sample : K4028-09DL 5X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Quant Time: Aug 12 01:40:15 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

Instrument :
BNA_M
ClientSampleId :
BENZ1DL

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	913	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.40	136	3757	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2070	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.02	188	4628	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4612	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	5878	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	289	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	781	0.05	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.45	128	437	0.041	ng/ul#	64
5) 2-Methylnaphthalene	12.09	142	188	0.027	ng/ul	85
7) Acenaphthylene	13.99	152	1653	0.171	ng/ul#	82
8) Acenaphthene	14.33	153	723	0.092	ng/ul	95
9) Fluorene	15.33	166	899	0.102	ng/ul#	98
12) Phenanthrene	17.06	178	21943	1.630	ng/ul	97
13) Anthracene	17.16	178	3930	0.342	ng/ul	99
15) Fluoranthene	19.09	202	73040	4.049	ng/ul	96
17) Pyrene	19.45	202	65094	3.435	ng/ul	99
18) Benzo(a)anthracene	21.20	228	32322	1.959	ng/ul	98
19) Chrysene	21.26	228	40847	1.925	ng/ul	98
21) Benzo(b)fluoranthene	22.77	252	59359m	2.995	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	19668m	0.877	ng/ul	
23) Benzo(a)pyrene	23.33	252	37756	1.873	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.64	276	30786	1.279	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.64	278	6954	0.357	ng/ul#	88
26) Benzo(g,h,i)perylene	26.32	276	31533	1.455	ng/ul	98

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

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 54 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
BENZ1DL

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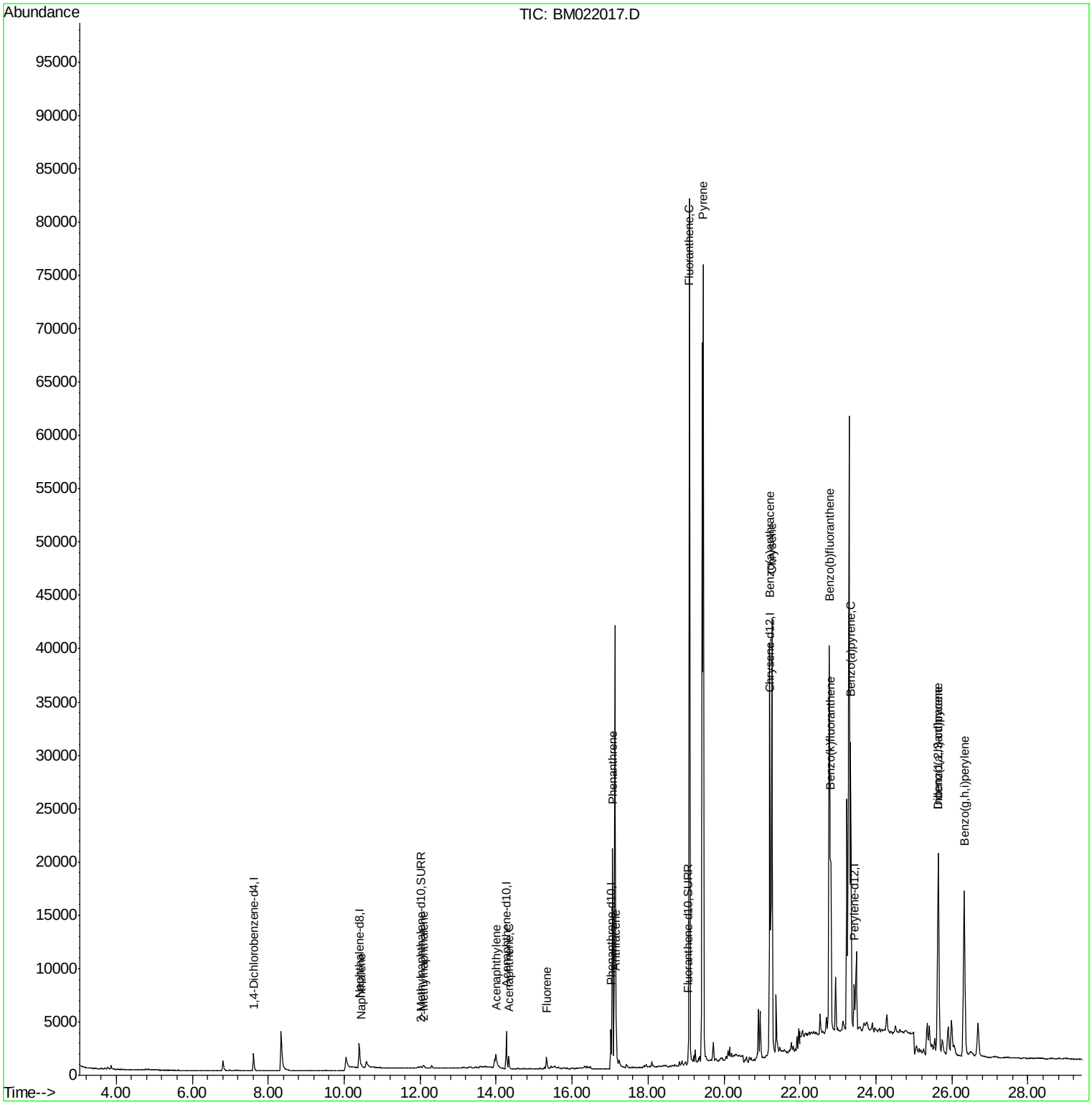

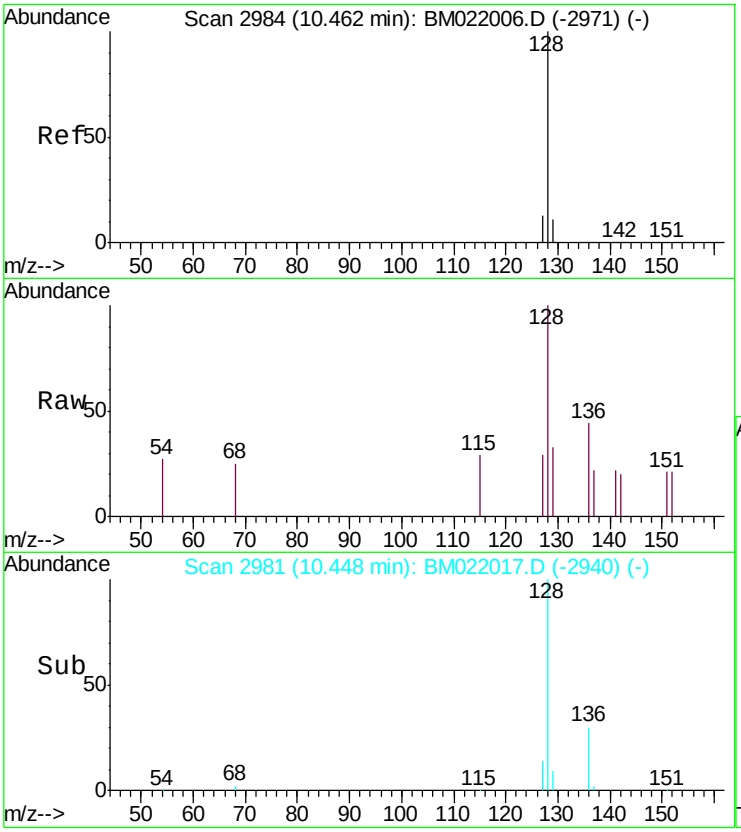

#3
Naphthalene
Concen: 0.041 ng/ul
RT: 10.45 min Scan# 2981
Delta R.T. -0.02 min
Lab File: BM022017.D
Acq: 11 Aug 2019 04:46

Tgt Ion:128 Resp: 437

Ion	Ratio	Lower	Upper
128	100		
129	33.3	12.3	18.5#
127	29.3	13.0	19.6#

Instrument :
BNA_M
ClientSampleId :
BENZ1DL

Manual Integrations APPROVED
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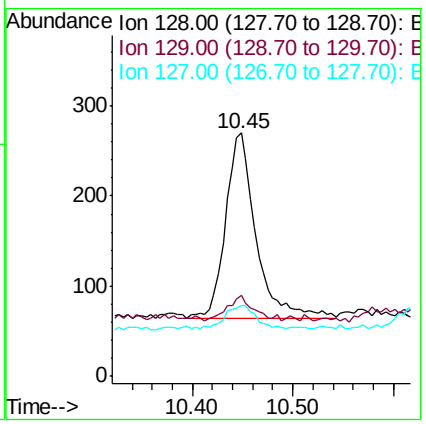
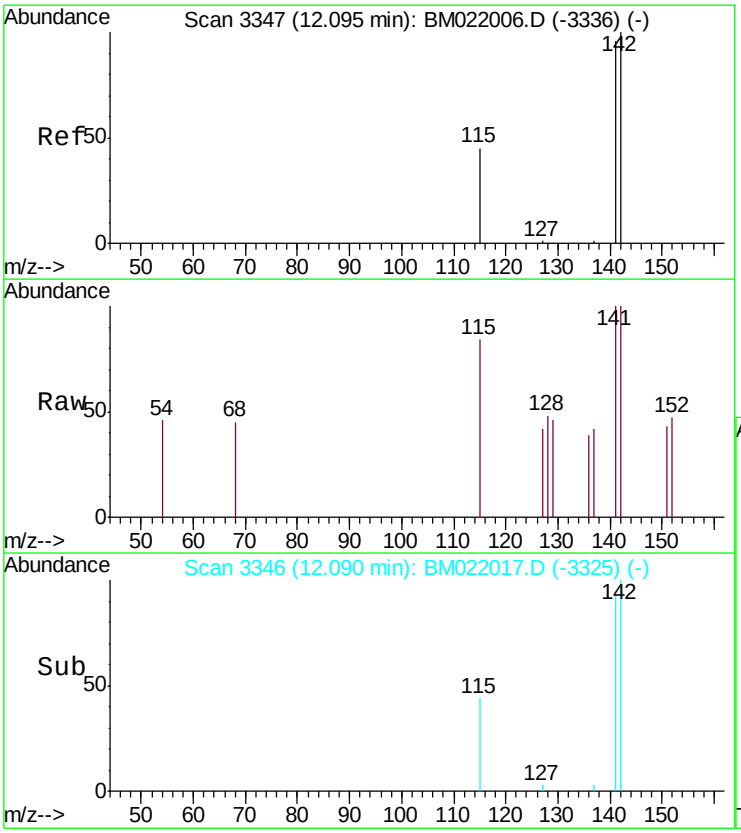
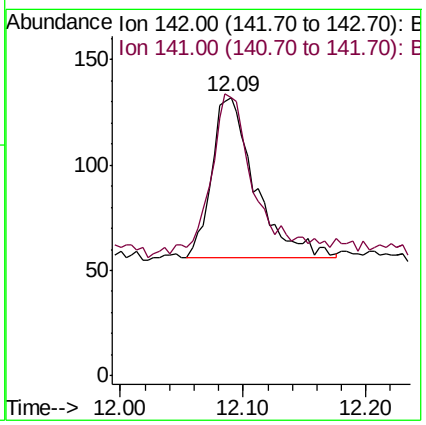


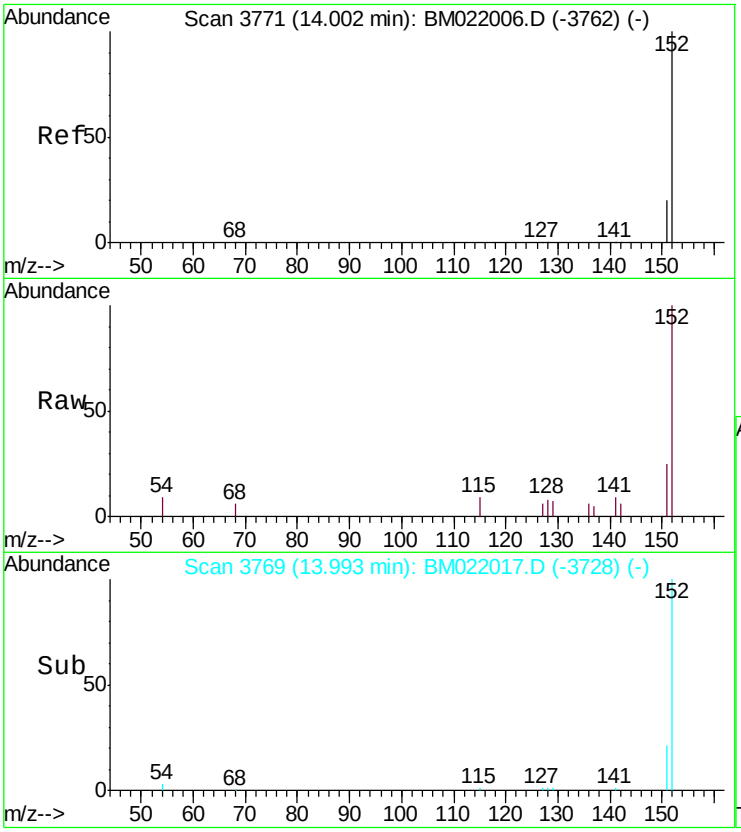


#5
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.09 min Scan# 3346
Delta R.T. -0.01 min
Lab File: BM022017.D
Acq: 11 Aug 2019 04:46

Tgt Ion:142 Resp: 188

Ion	Ratio	Lower	Upper
142	100		
141	107.4	74.3	111.5

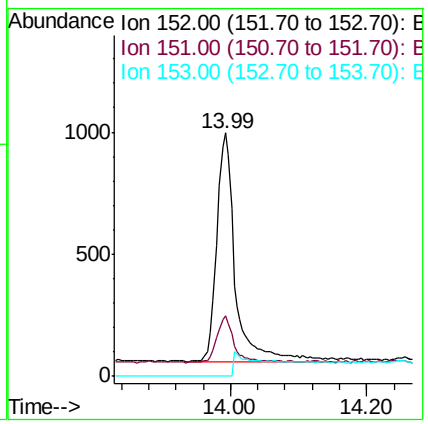




#7
Acenaphthylene
Concen: 0.171 ng/ul
RT: 13.99 min Scan# 3769
Delta R.T. -0.02 min
Lab File: BM022017.D
Acq: 11 Aug 2019 04:46

Tgt Ion:152 Resp: 1653

Ion	Ratio	Lower	Upper
152	100		
151	25.0	18.3	27.5
153	0.0	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
BENZ1DL

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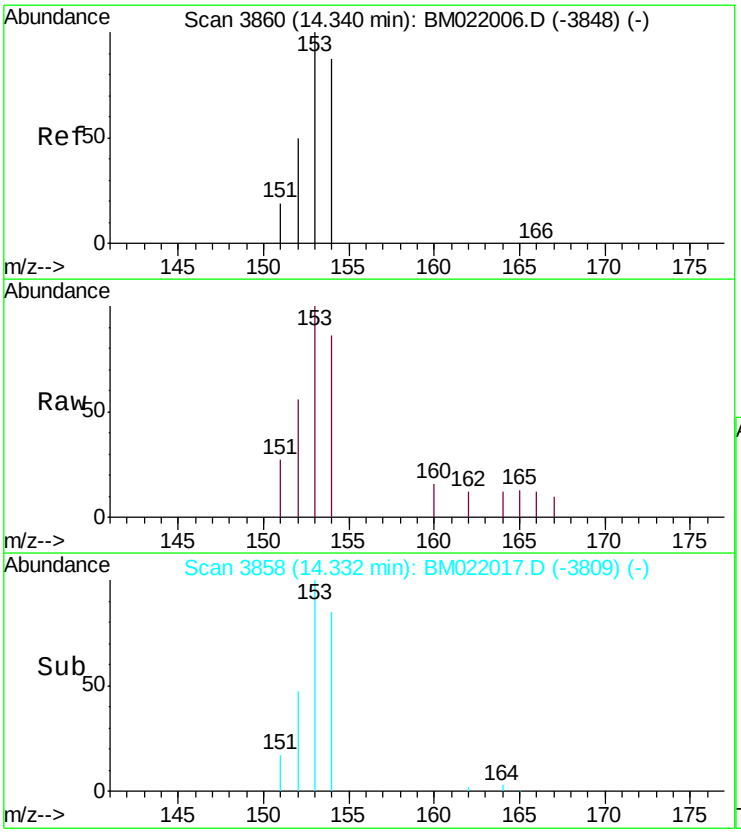
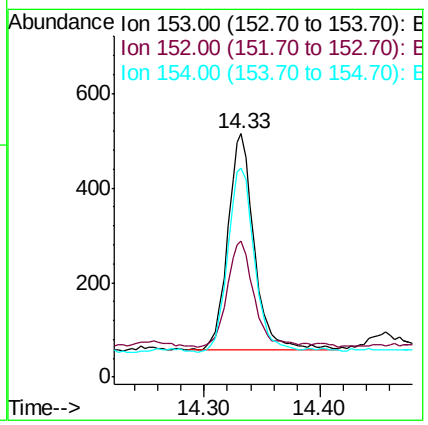
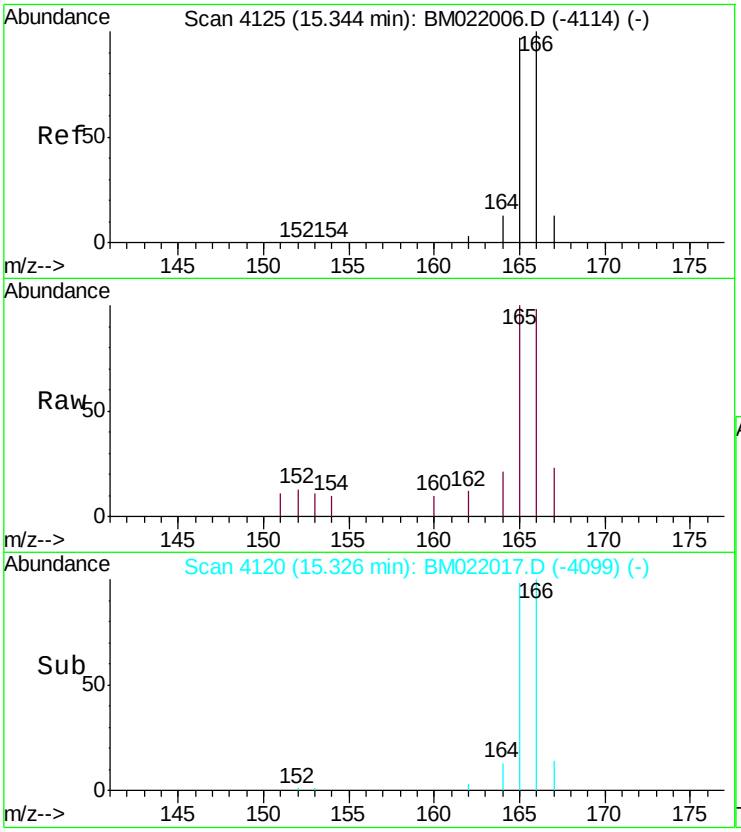


#8
Acenaphthene
Concen: 0.092 ng/ul
RT: 14.33 min Scan# 3858
Delta R.T. -0.01 min
Lab File: BM022017.D
Acq: 11 Aug 2019 04:46

Tgt Ion:153 Resp: 723

Ion	Ratio	Lower	Upper
153	100		
152	55.9	41.3	61.9
154	86.0	72.3	108.5





#9
Fluorene
Concen: 0.102 ng/ul
RT: 15.33 min Scan# 4120
Delta R.T. -0.02 min
Lab File: BM022017.D
Acq: 11 Aug 2019 04:46

Tgt Ion:166 Resp: 899

Ion	Ratio	Lower	Upper
166	100		
165	102.0	81.4	122.0
167	23.3	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
BENZ1DL

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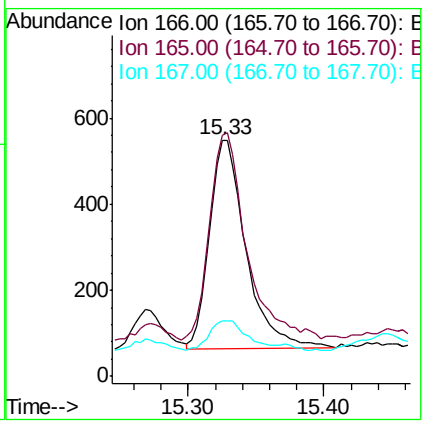
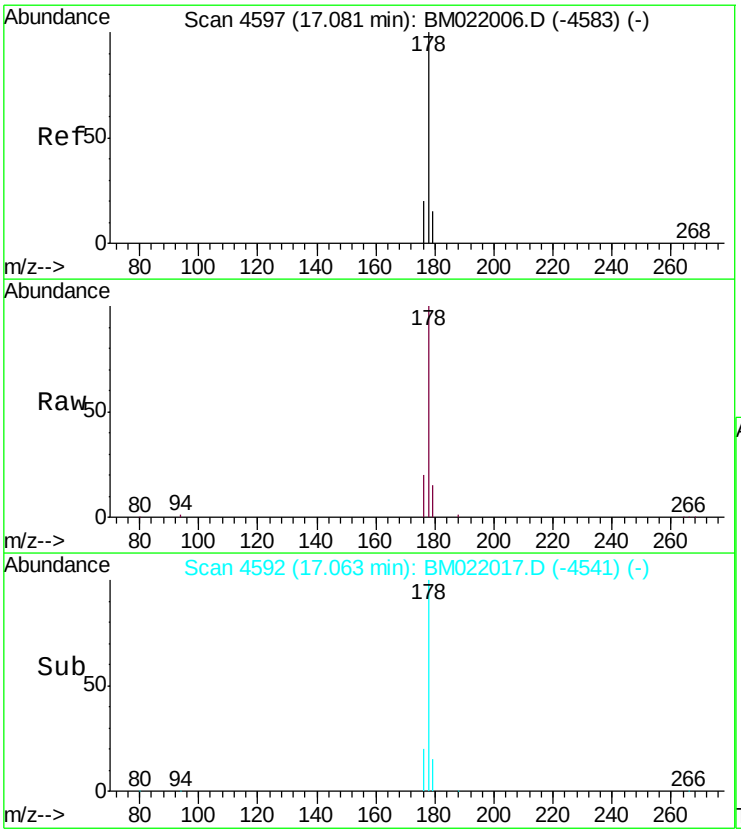
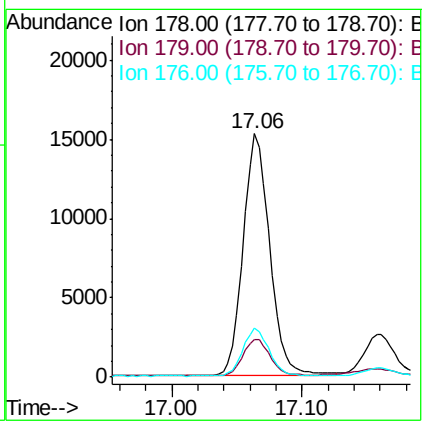


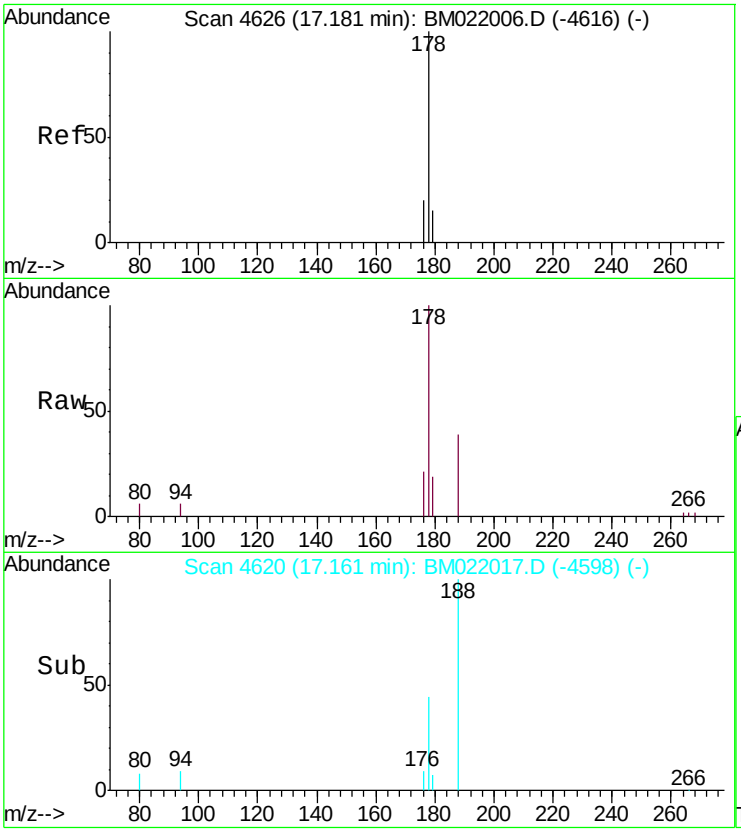


#12
Phenanthrene
Concen: 1.630 ng/ul
RT: 17.06 min Scan# 4592
Delta R.T. -0.02 min
Lab File: BM022017.D
Acq: 11 Aug 2019 04:46

Tgt Ion:178 Resp: 21943

Ion	Ratio	Lower	Upper
178	100		
179	15.4	14.2	21.2
176	20.0	16.8	25.2

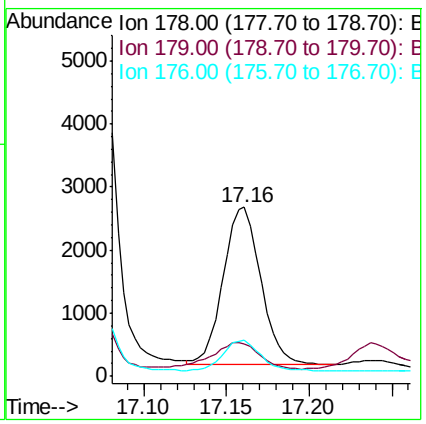




#13
Anthracene
Concen: 0.342 ng/ul
RT: 17.16 min Scan# 4620
Delta R.T. -0.02 min
Lab File: BM022017.D
Acq: 11 Aug 2019 04:46

Tgt Ion:178 Resp: 3930

Ion	Ratio	Lower	Upper
178	100		
179	19.0	15.5	23.3
176	21.2	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
BENZ1DL

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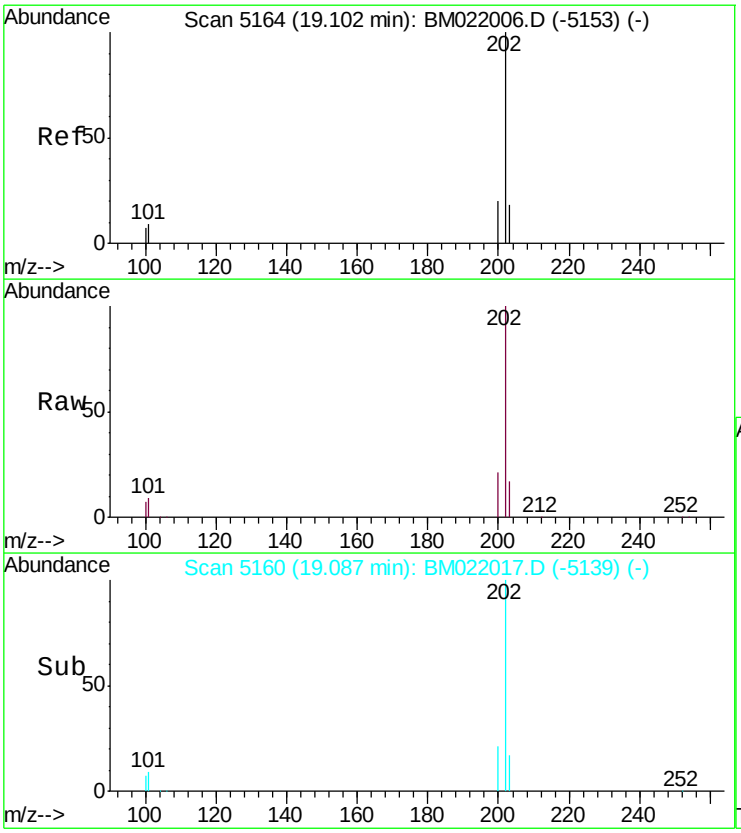
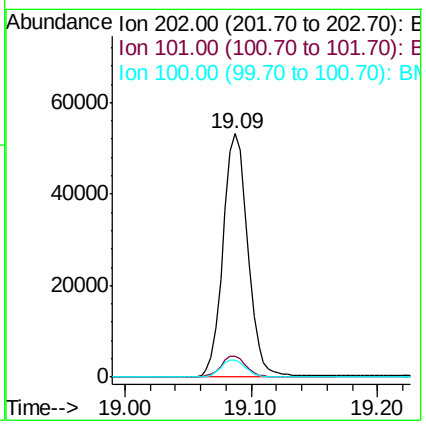
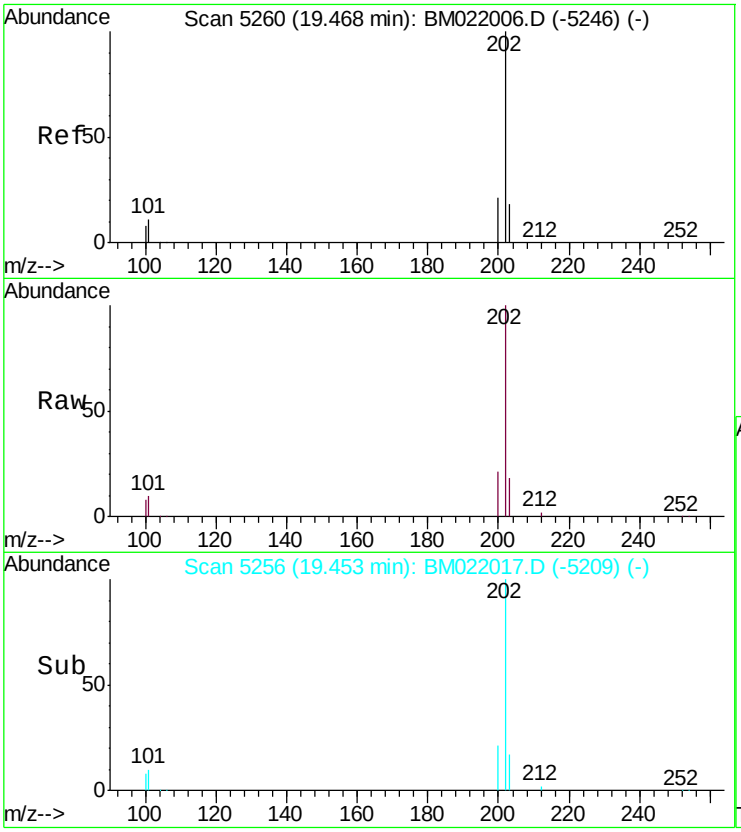


#15
Fluoranthene
Concen: 4.049 ng/ul
RT: 19.09 min Scan# 5160
Delta R.T. -0.02 min
Lab File: BM022017.D
Acq: 11 Aug 2019 04:46

Tgt Ion:202 Resp: 73040

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	30.2
100	6.7	0.0	28.1

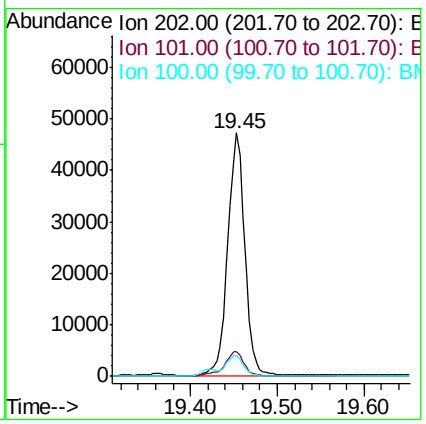




#17
Pyrene
Concen: 3.435 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. -0.02 min
Lab File: BM022017.D
Acq: 11 Aug 2019 04:46

Tgt Ion:202 Resp: 65094

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.3	12.5
100	8.5	7.2	10.8



Instrument :
BNA_M
ClientSampleId :
BENZ1DL

Manual Integrations APPROVED
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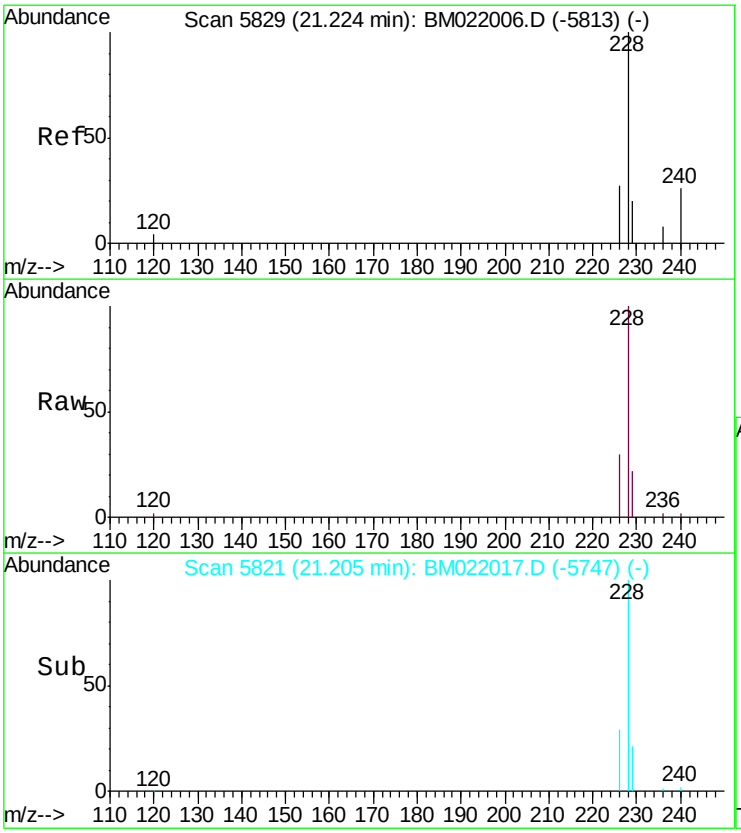
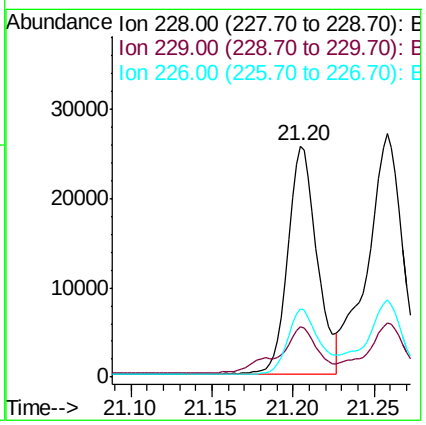
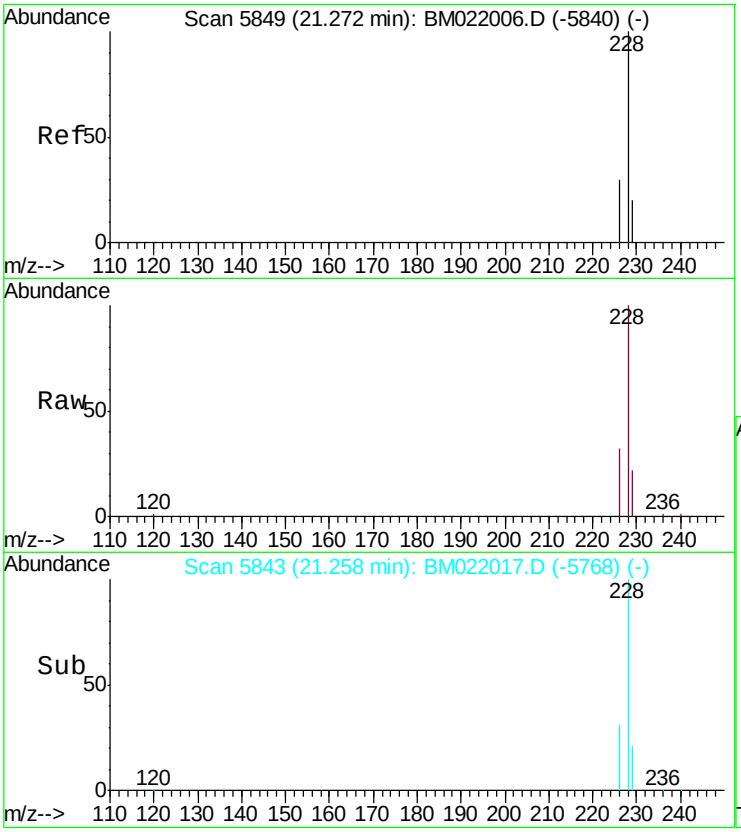


#18
Benzo(a)anthracene
Concen: 1.959 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.02 min
Lab File: BM022017.D
Acq: 11 Aug 2019 04:46

Tgt Ion:228 Resp: 32322

Ion	Ratio	Lower	Upper
228	100		
229	21.9	17.2	25.8
226	29.5	22.6	34.0

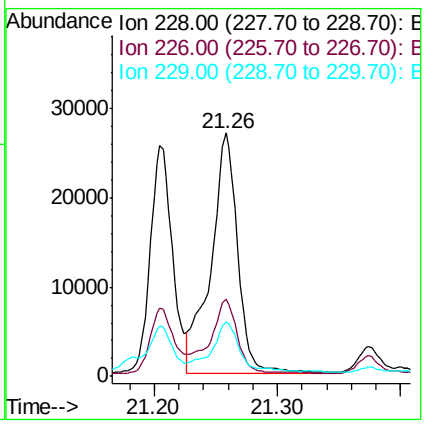




#19
Chrysene
Concen: 1.925 ng/ul
RT: 21.26 min Scan# 5843
Delta R.T. -0.02 min
Lab File: BM022017.D
Acq: 11 Aug 2019 04:46

Tgt Ion:228 Resp: 40847

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	22.0	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
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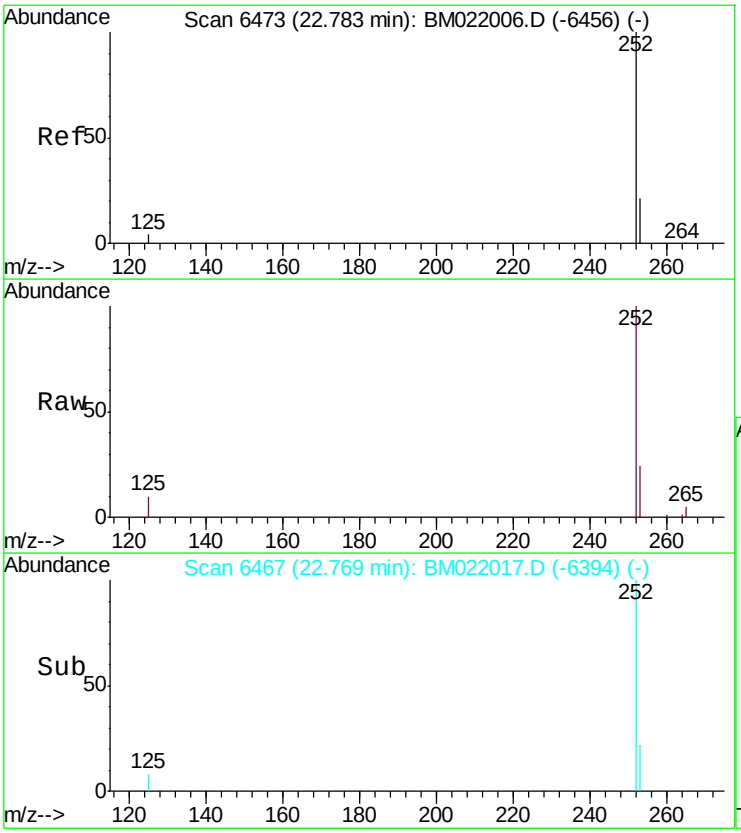
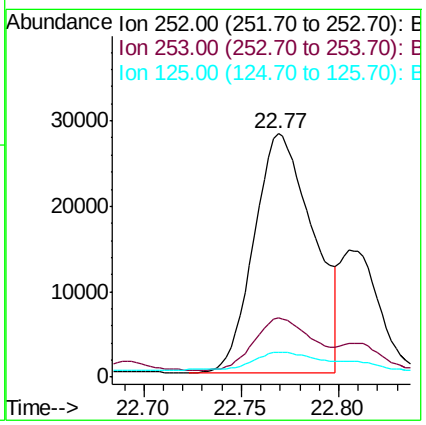
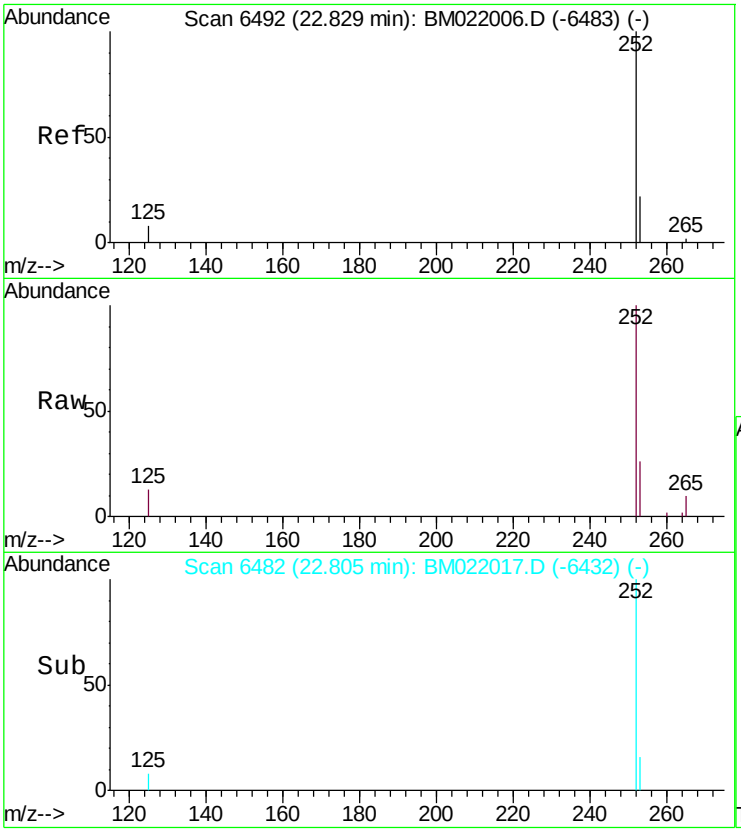


#21
Benzo(b)fluoranthene
Concen: 2.995 ng/ul m
RT: 22.77 min Scan# 6467
Delta R.T. -0.02 min
Lab File: BM022017.D
Acq: 11 Aug 2019 04:46

Tgt Ion:252 Resp: 59359

Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	67.4
125	10.2	0.0	31.0





#22
Benzo(k)fluoranthene
Concen: 0.877 ng/ul m
RT: 22.81 min Scan# 6482
Delta R.T. -0.03 min
Lab File: BM022017.D
Acq: 11 Aug 2019 04:46

Tgt Ion:252 Resp: 19668

Ion	Ratio	Lower	Upper
252	100		
253	26.3	27.0	40.4#
125	12.7	12.2	18.2

Instrument :
BNA_M
ClientSampleId :
BENZ1DL

Manual Integrations APPROVED
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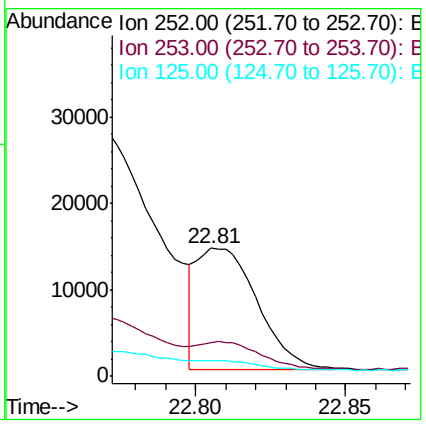
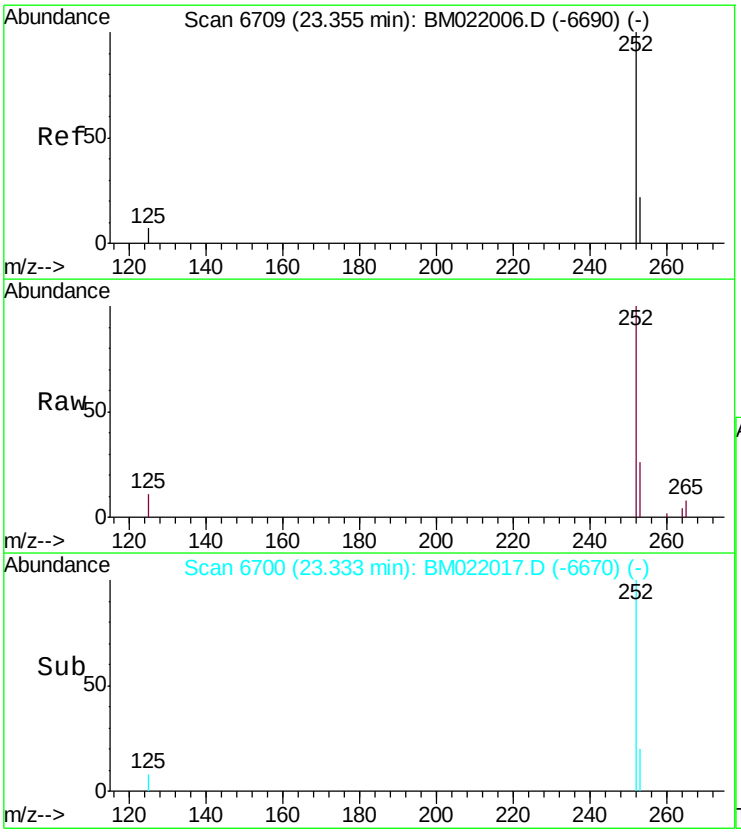
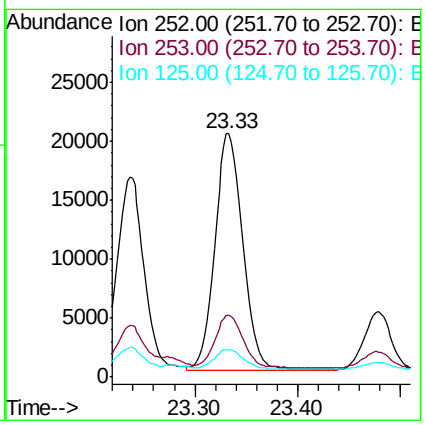


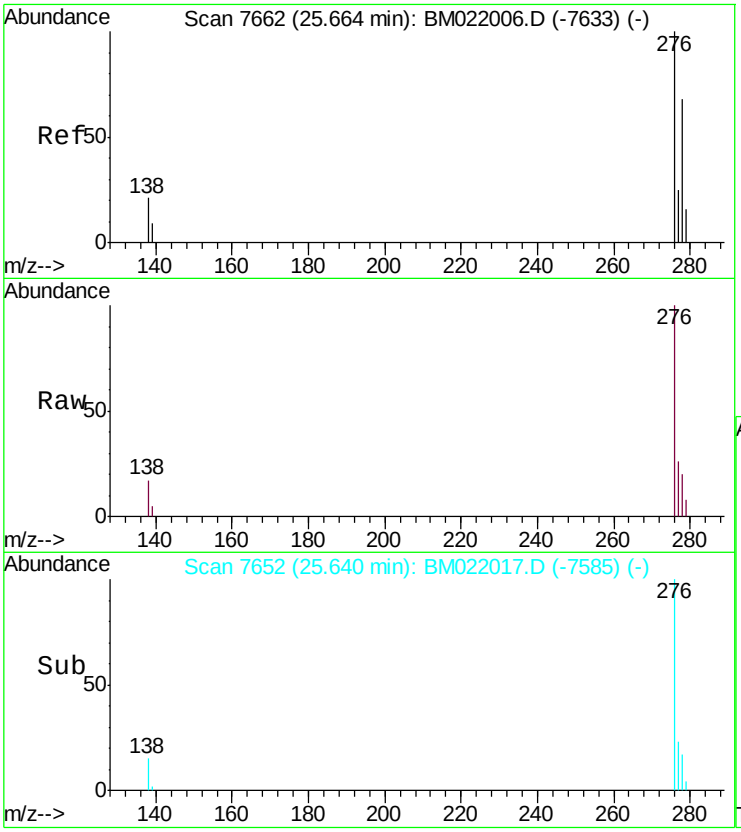


#23
Benzo(a)pyrene
Concen: 1.873 ng/ul
RT: 23.33 min Scan# 6700
Delta R.T. -0.03 min
Lab File: BM022017.D
Acq: 11 Aug 2019 04:46

Tgt Ion:252 Resp: 37756

Ion	Ratio	Lower	Upper
252	100		
253	25.5	31.7	47.5#
125	11.5	14.6	21.8#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.279 ng/ul
RT: 25.64 min Scan# 7652
Delta R.T. -0.04 min
Lab File: BM022017.D
Acq: 11 Aug 2019 04:46

Tgt Ion:276 Resp: 30786

Ion	Ratio	Lower	Upper
276	100		
138	15.6	15.1	22.7
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
BENZ1DL

Manual Integrations APPROVED
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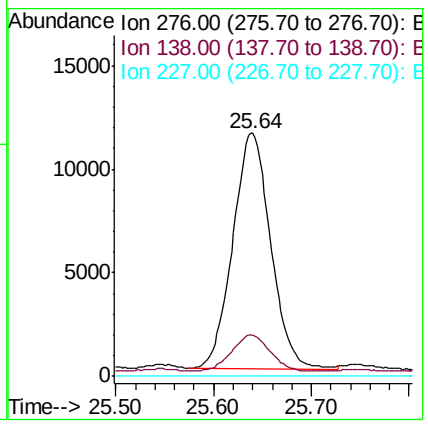
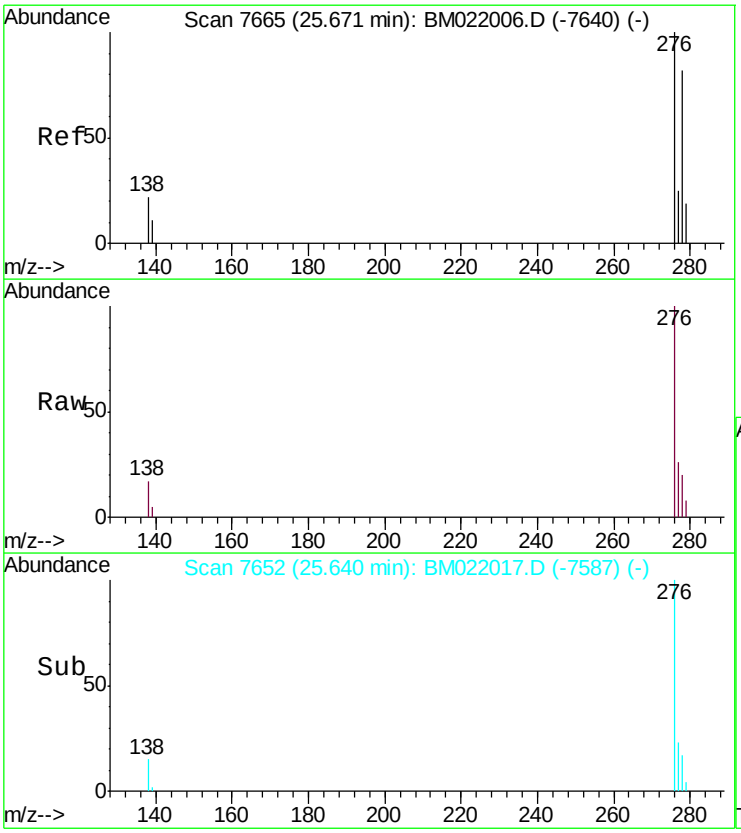
8/13/2019 8:46:35 AM

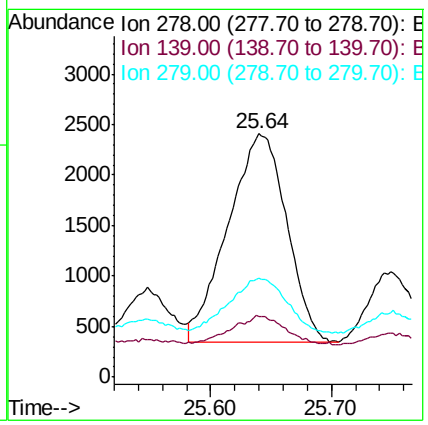


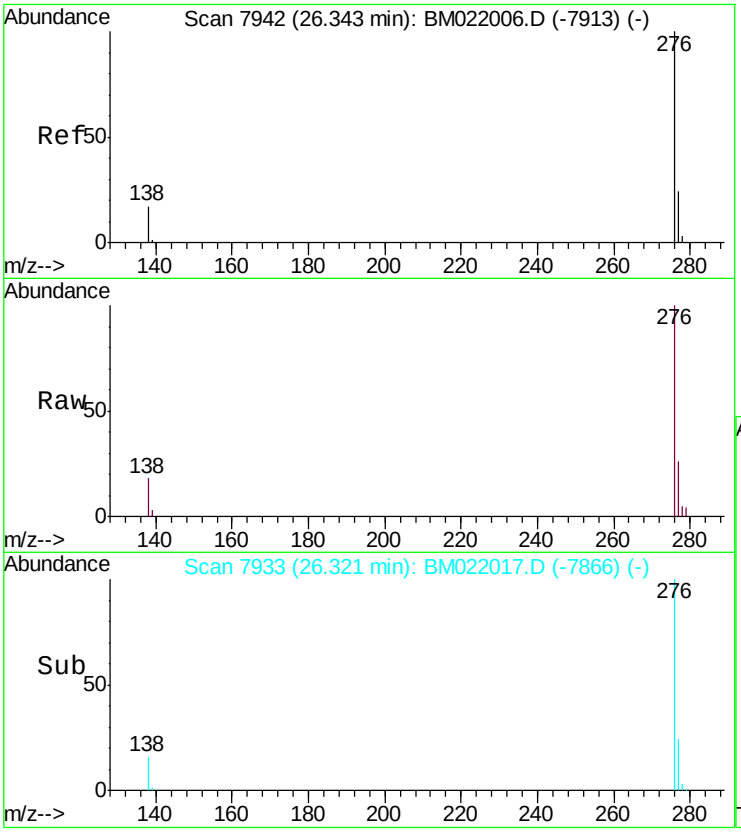


#25
Dibenzo(a,h)anthracene
Concen: 0.357 ng/ul
RT: 25.64 min Scan# 7652
Delta R.T. -0.04 min
Lab File: BM022017.D
Acq: 11 Aug 2019 04:46

Tgt Ion:278 Resp: 6954

Ion	Ratio	Lower	Upper
278	100		
139	24.9	14.2	21.2#
279	40.8	28.3	42.5

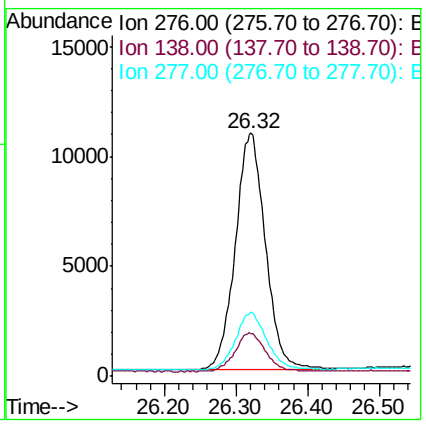




#26
Benzo(g,h,i)perylene
Concen: 1.455 ng/ul
RT: 26.32 min Scan# 7933
Delta R.T. -0.04 min
Lab File: BM022017.D
Acq: 11 Aug 2019 04:46

Tgt Ion:276 Resp: 31533

Ion	Ratio	Lower	Upper
276	100		
138	17.6	15.5	23.3
277	26.2	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
BENZ1DL

Manual Integrations APPROVED
Sohil
8/13/2019 8:46:35 AM