Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Data File : BM021817.D
Acq On : 04 Aug 2019 17:49
Operator : HP/JU
Sample : K3850-17DL 10X
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BENS3DL

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Quant Time: Aug 05 07:46:33 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 : Mon Aug 05 06:57:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	760	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	3155	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	1853	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	4270	0.40	ng/ul	-0.01
16) Chrysene-d12	21.24	240	4585	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	6221	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	94	0.02	ng/ul	0.02
14) Fluoranthene-d10	19.08	212	297	0.02	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.01	152	874	0.101	ng/ul#	83
8) Acenaphthene	14.36	153	166	0.023	ng/ul#	91
9) Fluorene	15.36	166	300	0.038	ng/ul#	90
12) Phenanthrene	17.09	178	7097	0.571	ng/ul	99
13) Anthracene	17.19	178	1471	0.139	ng/ul#	90
15) Fluoranthene	19.11	202	15270	0.917	ng/ul	97
17) Pyrene	19.47	202	12591	0.668	ng/ul	98
18) Benzo(a)anthracene	21.23	228	7591	0.463	ng/ul	98
19) Chrysene	21.28	228	7003	0.332	ng/ul	96
21) Benzo(b)fluoranthene	22.80	252	9706m	0.463	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	3825m	0.161	ng/ul	
23) Benzo(a)pyrene	23.36	252	6118	0.287	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.68	276	4878	0.191	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.69	278	1212	0.059	ng/ul#	47
26) Benzo(g,h,i)perylene	26.36	276	4600	0.201	ng/ul	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Data File : BM021817.D
Acq On : 04 Aug 2019 17:49
Operator : HP/JU
Sample : K3850-17DL 10X
Misc :
ALS Vial : 60 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
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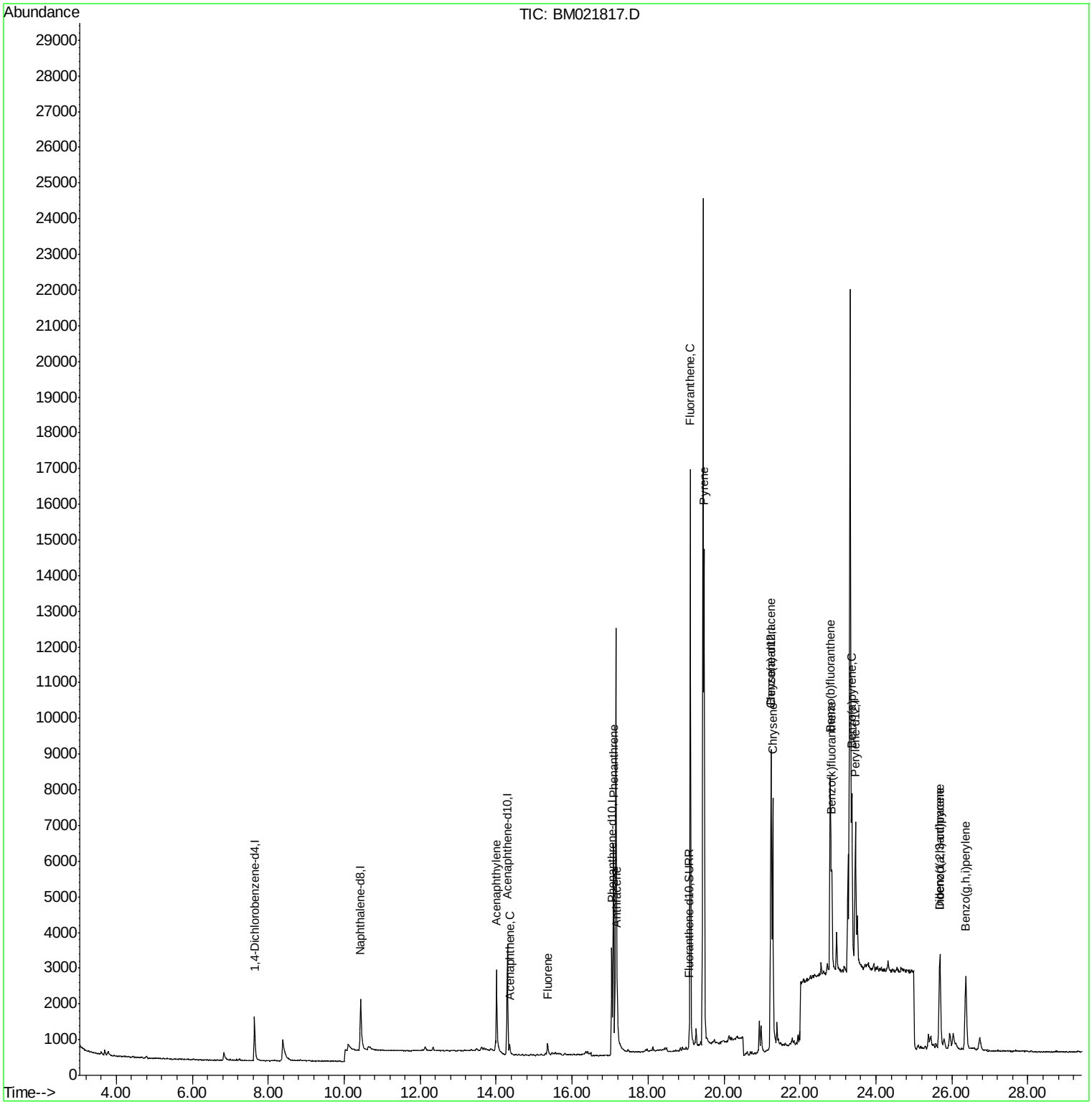

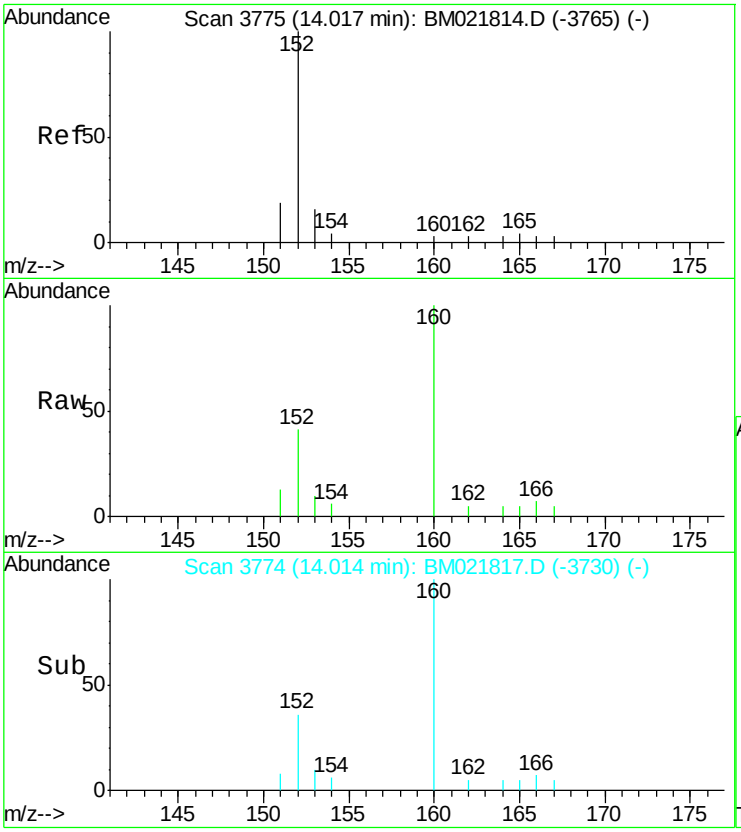

#7
Acenaphthylene
Concen: 0.101 ng/ul
RT: 14.01 min Scan# 3774
Delta R.T. -0.00 min
Lab File: BM021817.D
Acq: 04 Aug 2019 17:49

Tgt Ion:152 Resp: 874

Ion	Ratio	Lower	Upper
152	100		
151	30.4	18.3	27.5#
153	24.4	12.8	19.2#

Instrument :
BNA_M
ClientSampleId :
BENS3DL

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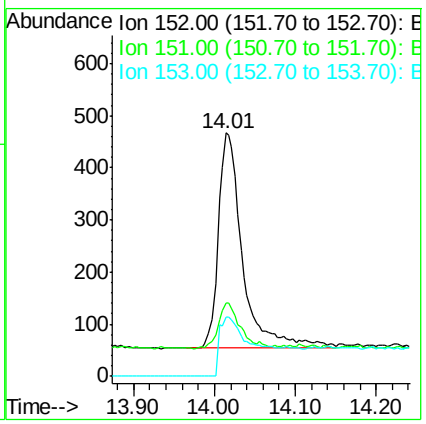
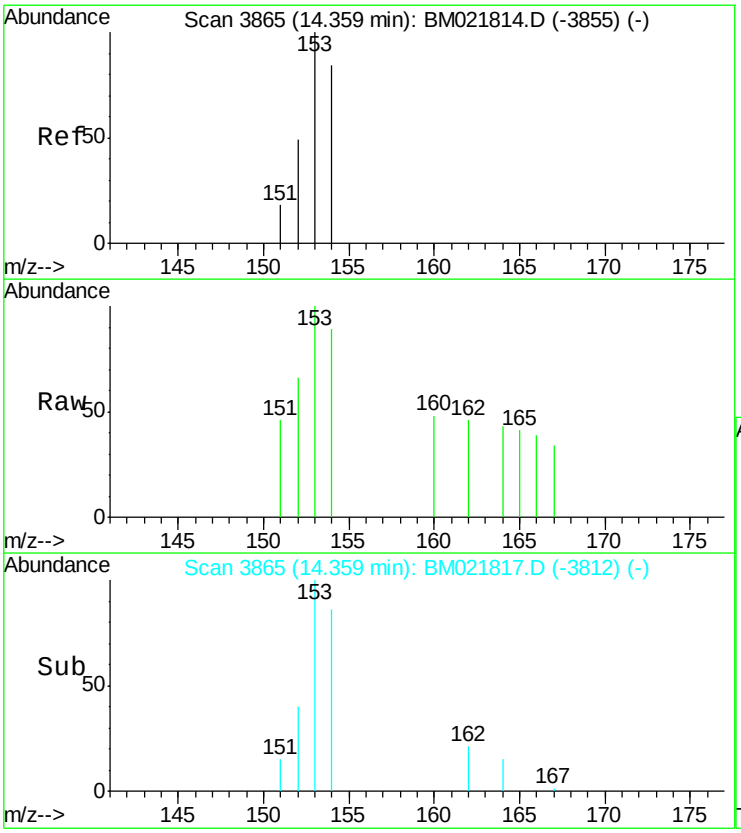
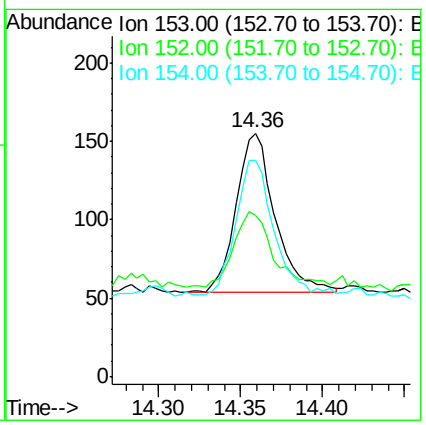


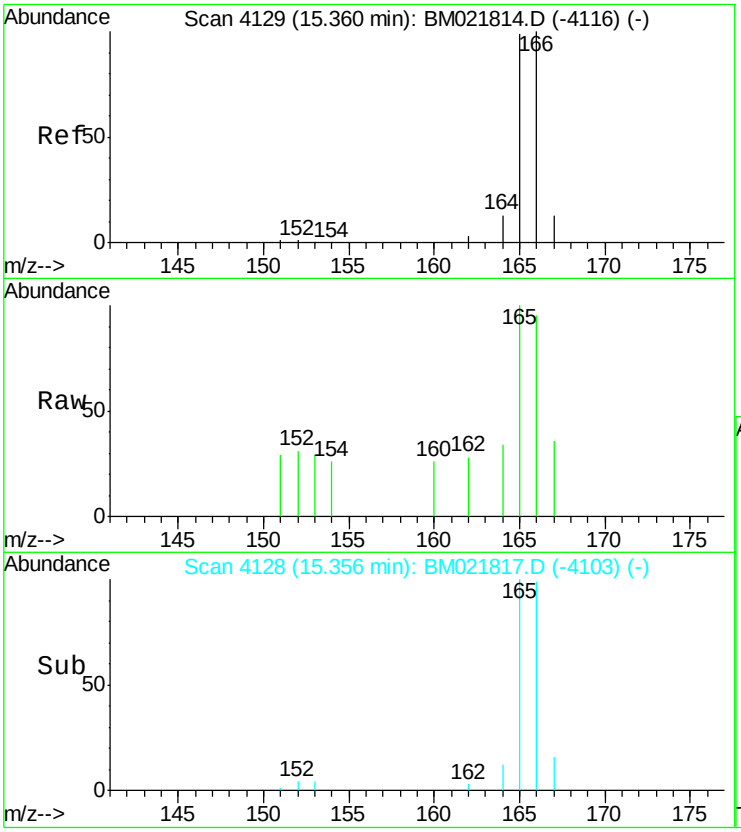


#8
Acenaphthene
Concen: 0.023 ng/ul
RT: 14.36 min Scan# 3865
Delta R.T. 0.00 min
Lab File: BM021817.D
Acq: 04 Aug 2019 17:49

Tgt Ion:153 Resp: 166

Ion	Ratio	Lower	Upper
153	100		
152	66.5	41.3	61.9#
154	89.0	72.3	108.5

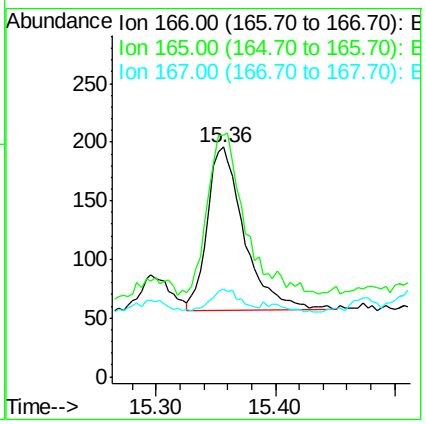




#9
Fluorene
Concen: 0.038 ng/ul
RT: 15.36 min Scan# 4128
Delta R.T. -0.00 min
Lab File: BM021817.D
Acq: 04 Aug 2019 17:49

Tgt Ion:166 Resp: 300

Ion	Ratio	Lower	Upper
166	100		
165	105.1	81.4	122.0
167	38.3	13.7	20.5#



Instrument :
BNA_M
ClientSampleId :
BENS3DL

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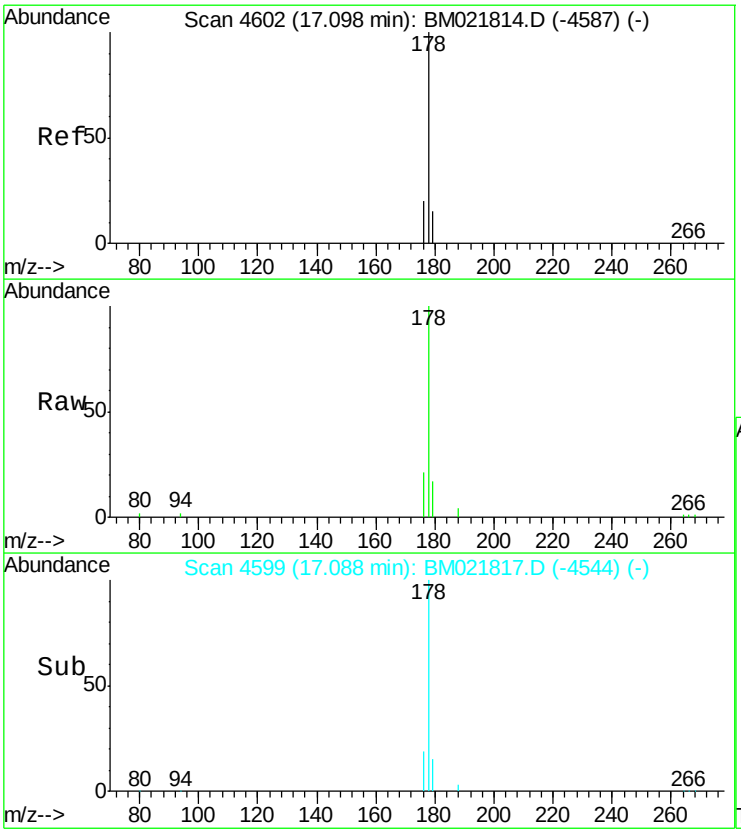
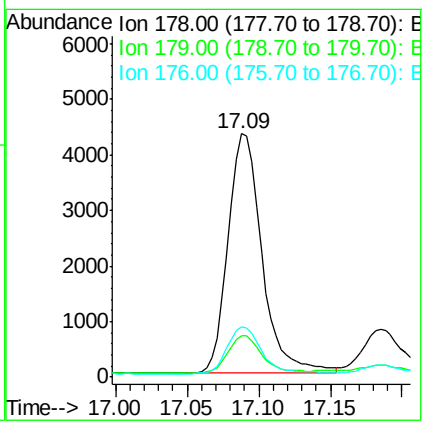
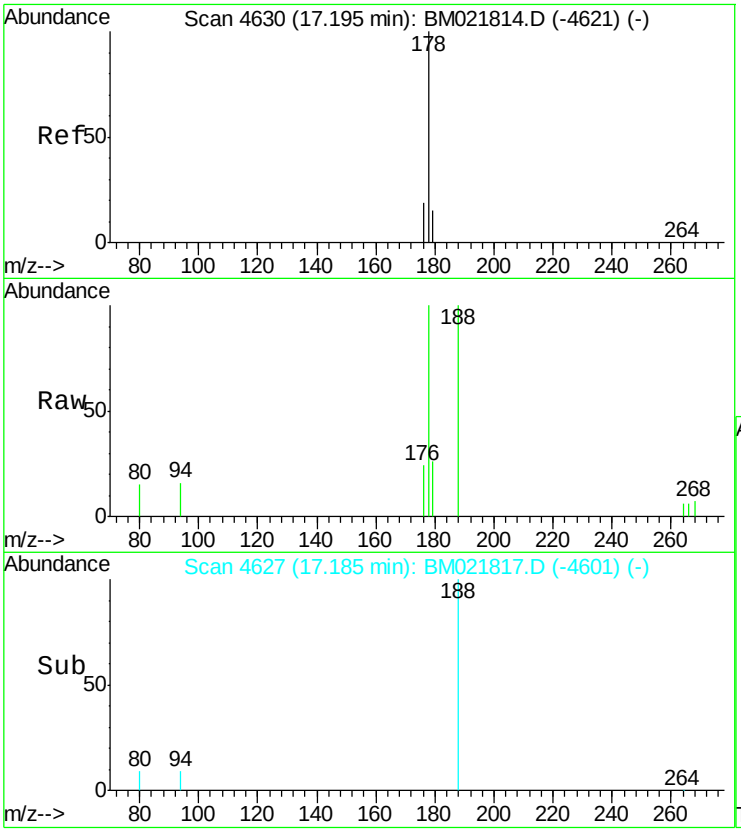


#12
Phenanthrene
Concen: 0.571 ng/ul
RT: 17.09 min Scan# 4599
Delta R.T. -0.01 min
Lab File: BM021817.D
Acq: 04 Aug 2019 17:49

Tgt Ion:178 Resp: 7097

Ion	Ratio	Lower	Upper
178	100		
179	16.9	14.2	21.2
176	20.6	16.8	25.2

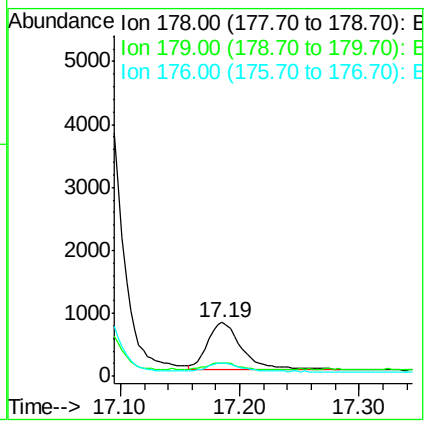




#13
Anthracene
Concen: 0.139 ng/ul
RT: 17.19 min Scan# 4627
Delta R.T. -0.01 min
Lab File: BM021817.D
Acq: 04 Aug 2019 17:49

Tgt Ion:178 Resp: 1471

Ion	Ratio	Lower	Upper
178	100		
179	25.5	15.5	23.3#
176	23.9	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
BENS3DL

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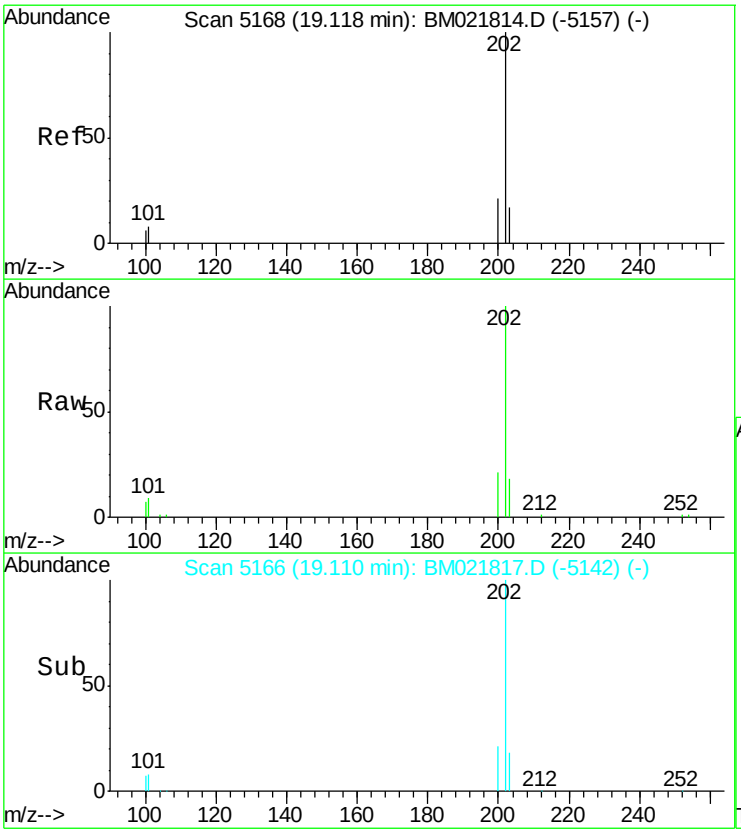
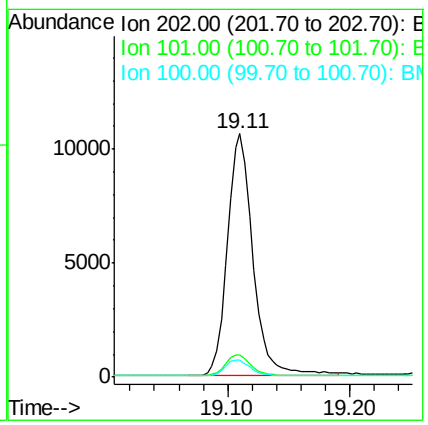
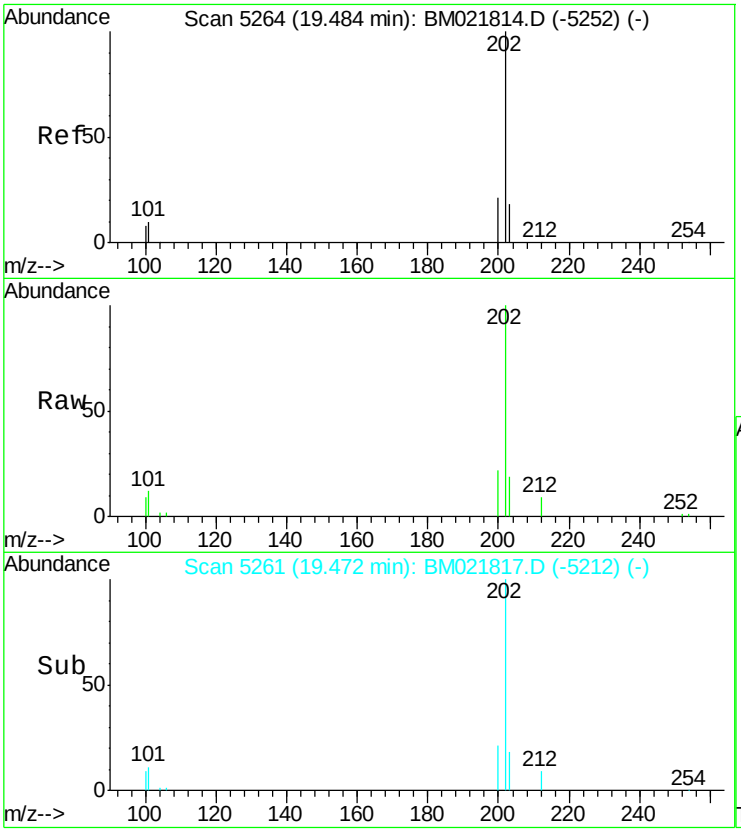


#15
Fluoranthene
Concen: 0.917 ng/ul
RT: 19.11 min Scan# 5166
Delta R.T. -0.01 min
Lab File: BM021817.D
Acq: 04 Aug 2019 17:49

Tgt Ion:202 Resp: 15270

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

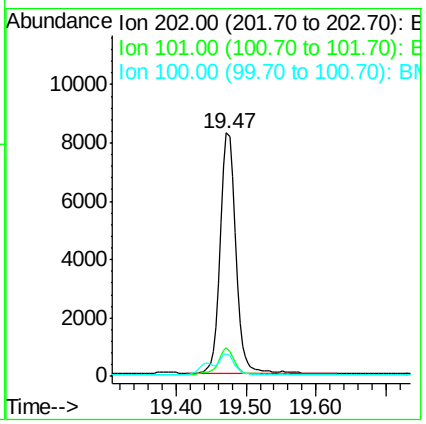




#17
Pyrene
Concen: 0.668 ng/ul
RT: 19.47 min Scan# 5261
Delta R.T. -0.01 min
Lab File: BM021817.D
Acq: 04 Aug 2019 17:49

Tgt Ion:202 Resp: 12591

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.3	12.5
100	9.3	7.2	10.8



Instrument :
BNA_M
ClientSampleId :
BENS3DL

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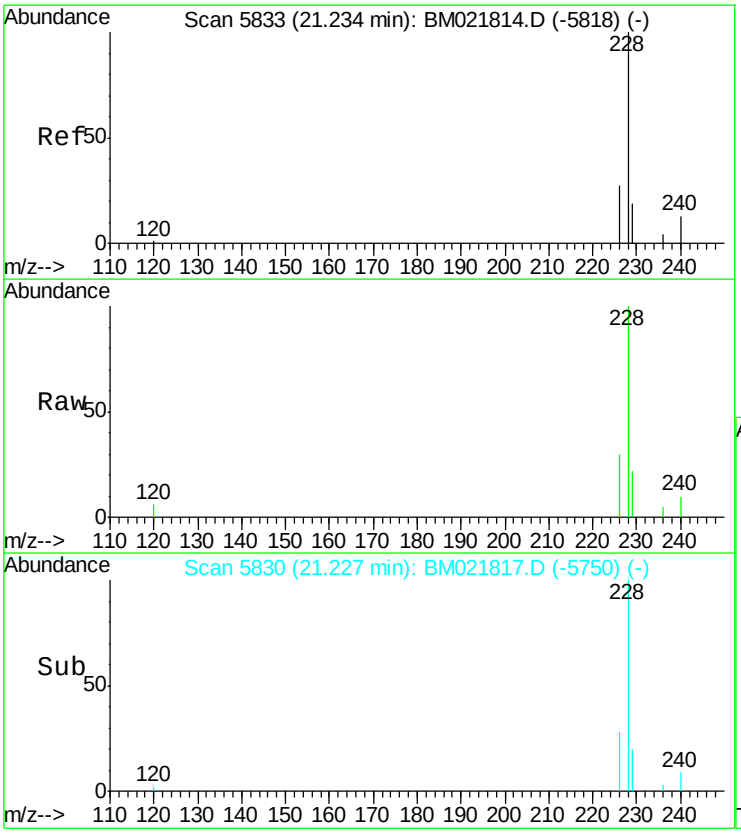
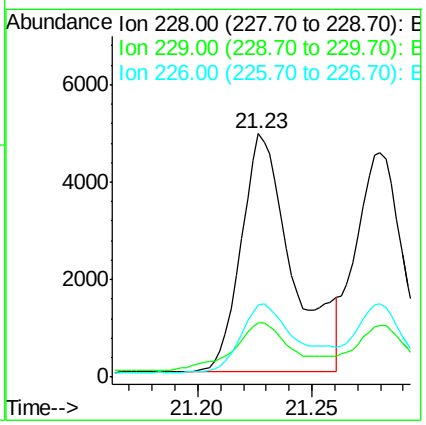
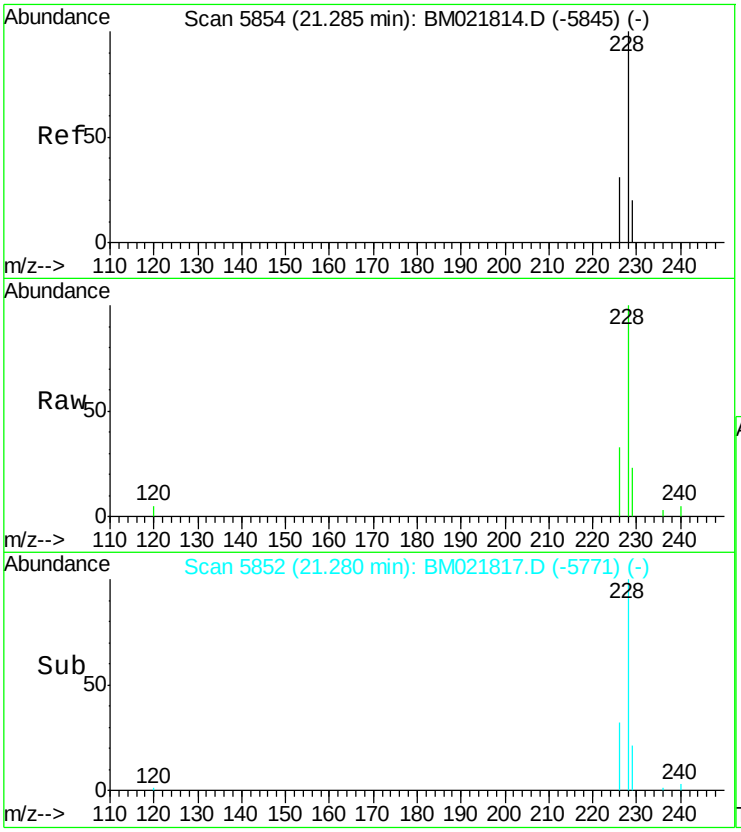


#18
Benzo(a)anthracene
Concen: 0.463 ng/ul
RT: 21.23 min Scan# 5830
Delta R.T. -0.01 min
Lab File: BM021817.D
Acq: 04 Aug 2019 17:49

Tgt Ion:228 Resp: 7591

Ion	Ratio	Lower	Upper
228	100		
229	22.3	17.2	25.8
226	29.9	22.6	34.0

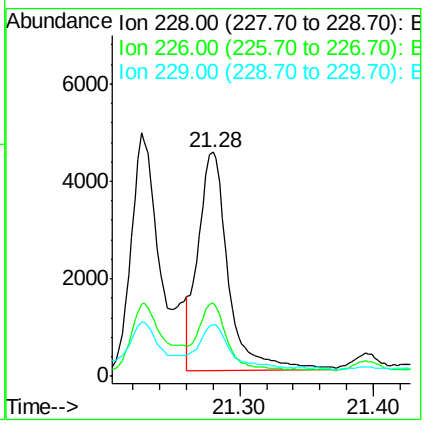




#19
Chrysene
Concen: 0.332 ng/ul
RT: 21.28 min Scan# 5852
Delta R.T. -0.00 min
Lab File: BM021817.D
Acq: 04 Aug 2019 17:49

Tgt Ion:228 Resp: 7003

Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.9	37.3
229	23.1	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
BENS3DL

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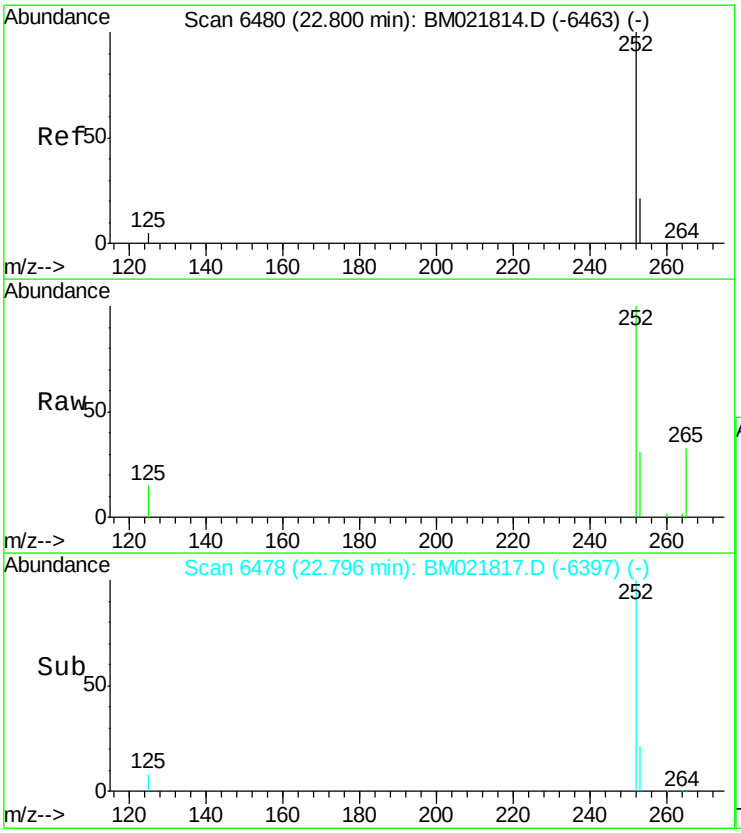
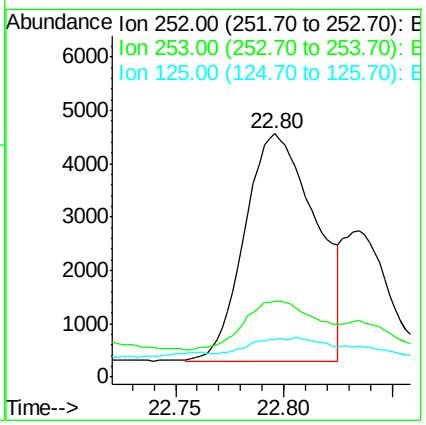
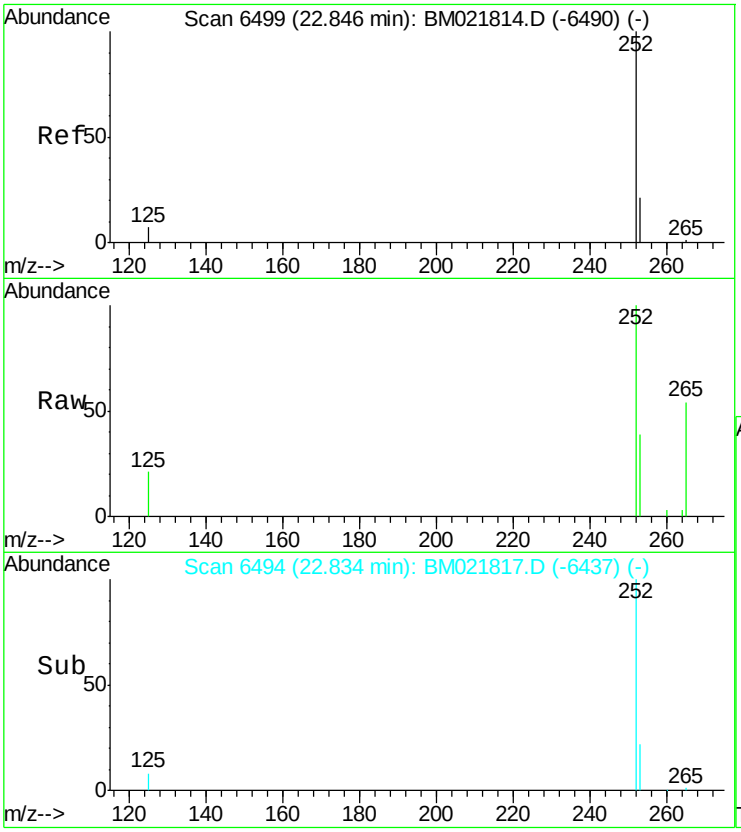


#21
Benzo(b)fluoranthene
Concen: 0.463 ng/ul m
RT: 22.80 min Scan# 6478
Delta R.T. -0.00 min
Lab File: BM021817.D
Acq: 04 Aug 2019 17:49

Tgt Ion:252 Resp: 9706

Ion	Ratio	Lower	Upper
252	100		
253	31.0	0.0	67.4
125	15.5	0.0	31.0

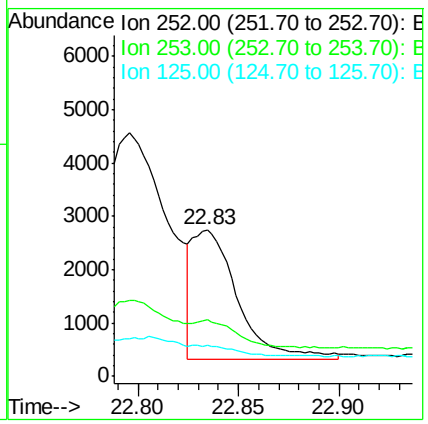




#22
Benzo(k)fluoranthene
Concen: 0.161 ng/ul m
RT: 22.83 min Scan# 6494
Delta R.T. -0.01 min
Lab File: BM021817.D
Acq: 04 Aug 2019 17:49

Tgt Ion:252 Resp: 3825

Ion	Ratio	Lower	Upper
252	100		
253	38.6	27.0	40.4
125	21.1	12.2	18.2#



Instrument :
BNA_M
ClientSampleId :
BENS3DL

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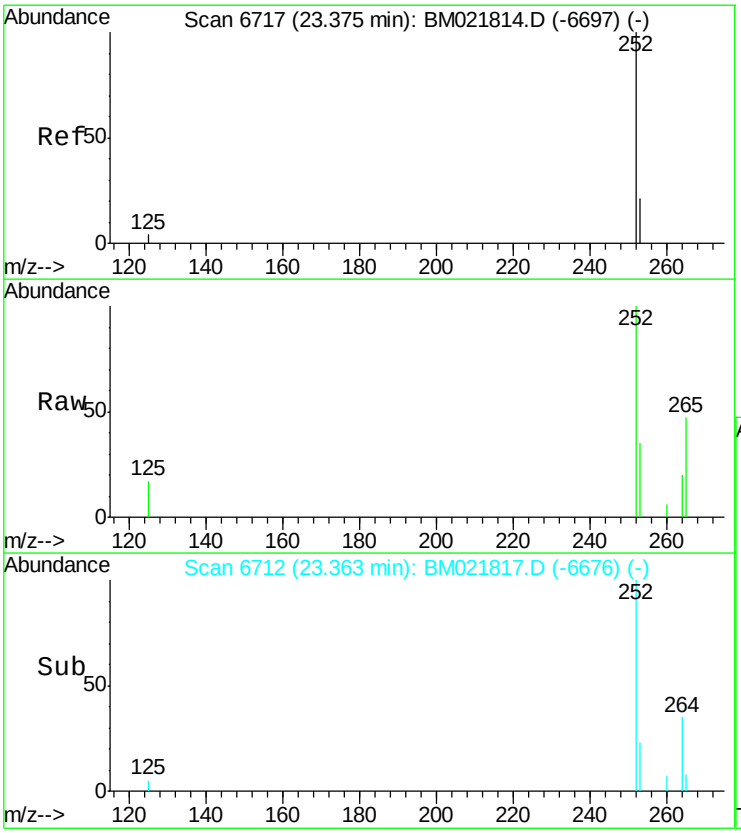
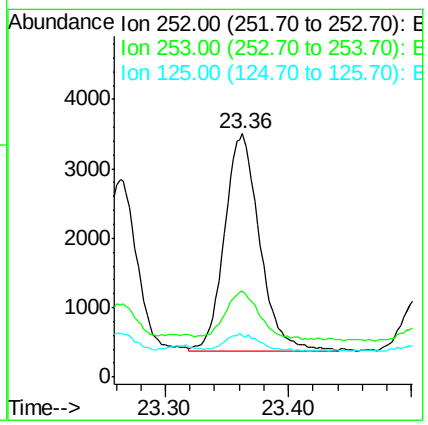
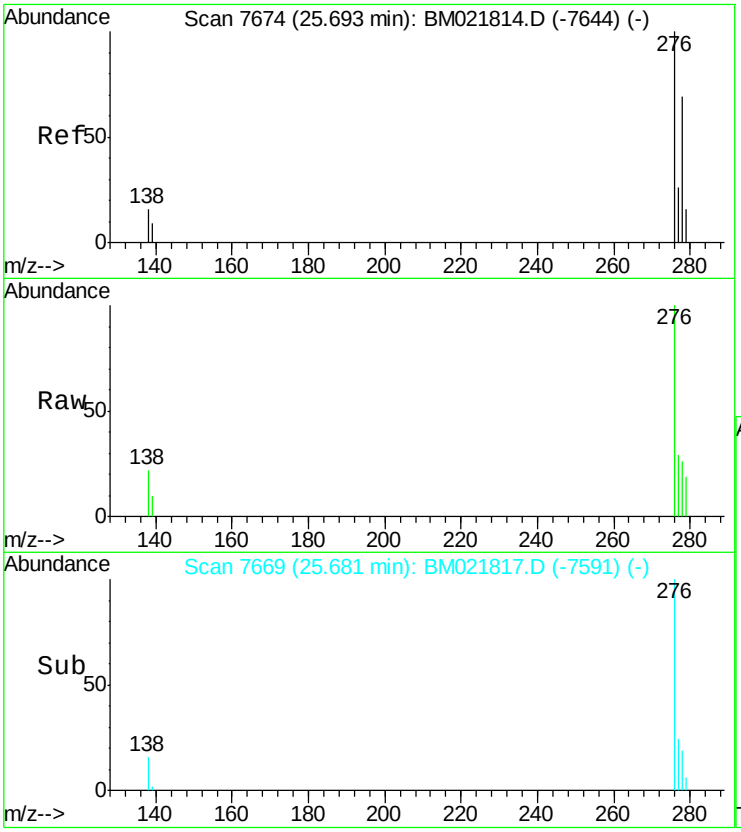


#23
Benzo(a)pyrene
Concen: 0.287 ng/ul
RT: 23.36 min Scan# 6712
Delta R.T. -0.01 min
Lab File: BM021817.D
Acq: 04 Aug 2019 17:49

Tgt Ion:252 Resp: 6118

Ion	Ratio	Lower	Upper
252	100		
253	35.2	31.7	47.5
125	16.8	14.6	21.8





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.191 ng/ul
RT: 25.68 min Scan# 7669
Delta R.T. -0.01 min
Lab File: BM021817.D
Acq: 04 Aug 2019 17:49

Tgt Ion:276 Resp: 4878

Ion	Ratio	Lower	Upper
276	100		
138	15.2	15.1	22.7
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
BENS3DL

Manual Integrations APPROVED
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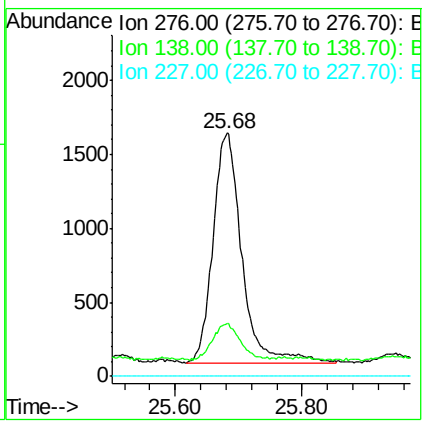
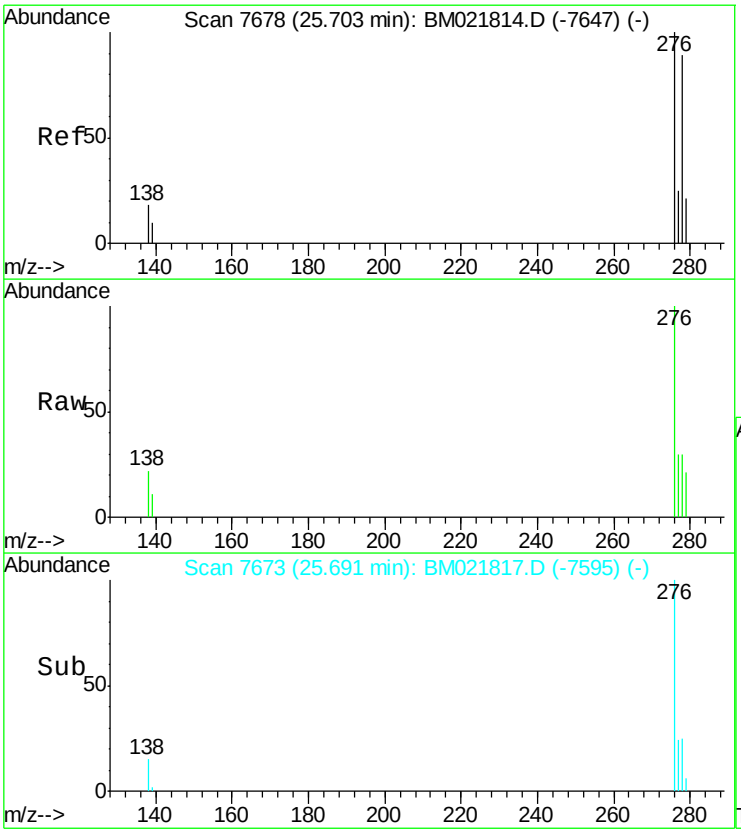
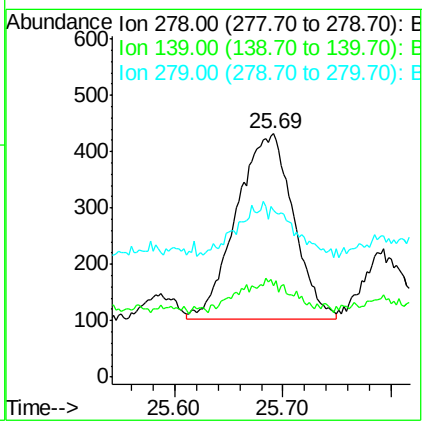


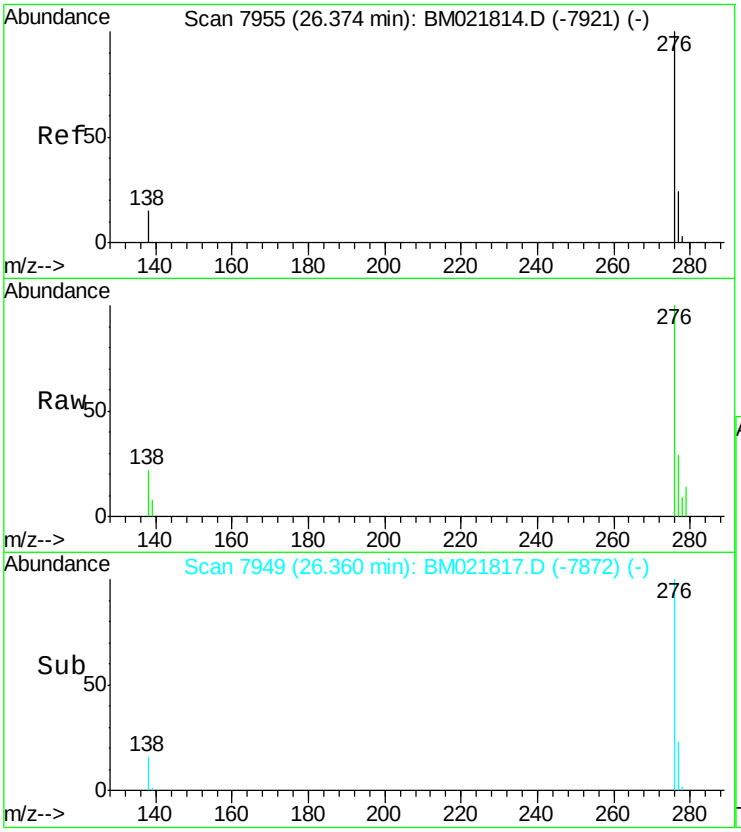


#25
Dibenzo(a,h)anthracene
Concen: 0.059 ng/ul
RT: 25.69 min Scan# 7673
Delta R.T. -0.01 min
Lab File: BM021817.D
Acq: 04 Aug 2019 17:49

Tgt Ion:278 Resp: 1212

Ion	Ratio	Lower	Upper
278	100		
139	37.7	14.2	21.2#
279	68.5	28.3	42.5#

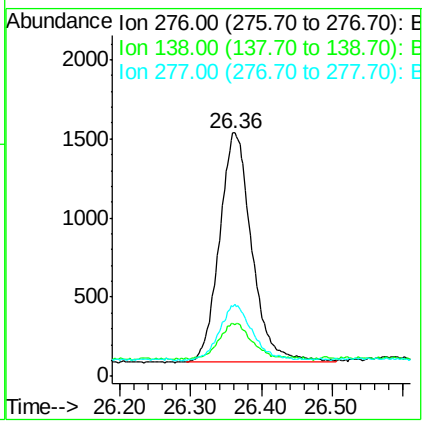




#26
Benzo(g,h,i)perylene
Concen: 0.201 ng/ul
RT: 26.36 min Scan# 7949
Delta R.T. -0.01 min
Lab File: BM021817.D
Acq: 04 Aug 2019 17:49

Tgt Ion:276 Resp: 4600

Ion	Ratio	Lower	Upper
276	100		
138	21.8	15.5	23.3
277	28.8	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
BENS3DL

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