Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006996.D
Acq On : 07 Aug 2019 20:21
Operator : HP/JU
Sample : K3893-17DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP21DL

Manual Integrations APPROVED
mohammad
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Quant Time: Aug 08 05:20:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	7023	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	28601	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	18290	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	46178	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	41002	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	36494	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	1220	0.02	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	3423	0.02	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.28	128	1647	0.020	ng/ul#	77
7) Acenaphthylene	13.83	152	4987	0.047	ng/ul#	95
9) Fluorene	15.17	166	1810	0.021	ng/ul#	96
12) Phenanthrene	16.90	178	44342	0.301	ng/ul	100
13) Anthracene	16.99	178	7490	0.050	ng/ul	96
15) Fluoranthene	18.93	202	133043	0.727	ng/ul	99
17) Pyrene	19.29	202	114438	0.625	ng/ul	100
18) Benzo(a)anthracene	21.06	228	59702	0.331	ng/ul	97
19) Chrysene	21.11	228	71054	0.421	ng/ul	97
21) Benzo(b)fluoranthene	22.58	252	96335m	0.651	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	28762m	0.201	ng/ul	
23) Benzo(a)pyrene	23.12	252	54788	0.393	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.30	276	36499	0.243	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.32	278	8949	0.075	ng/ul#	79
26) Benzo(g,h,i)perylene	25.94	276	31568	0.251	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
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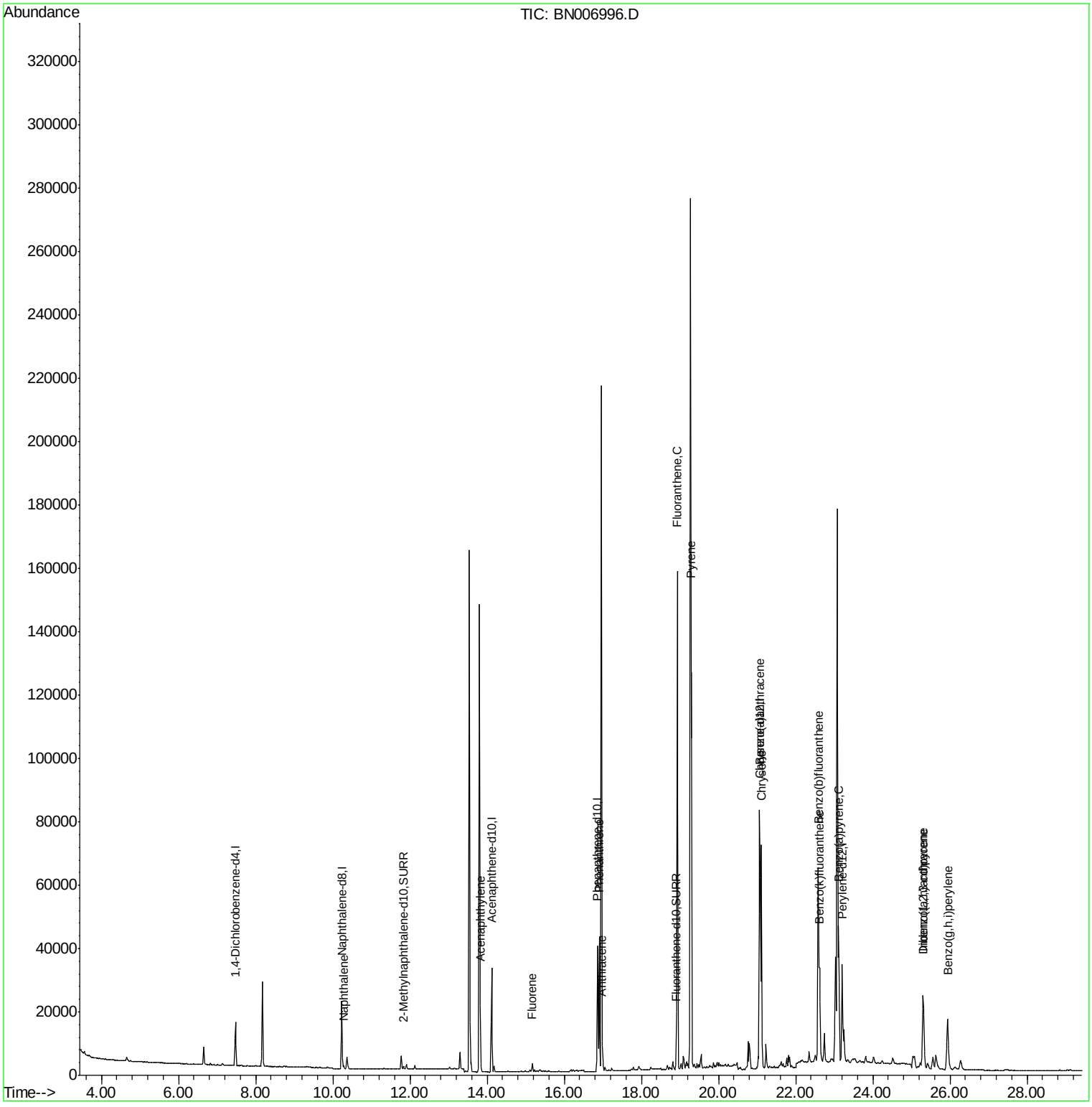

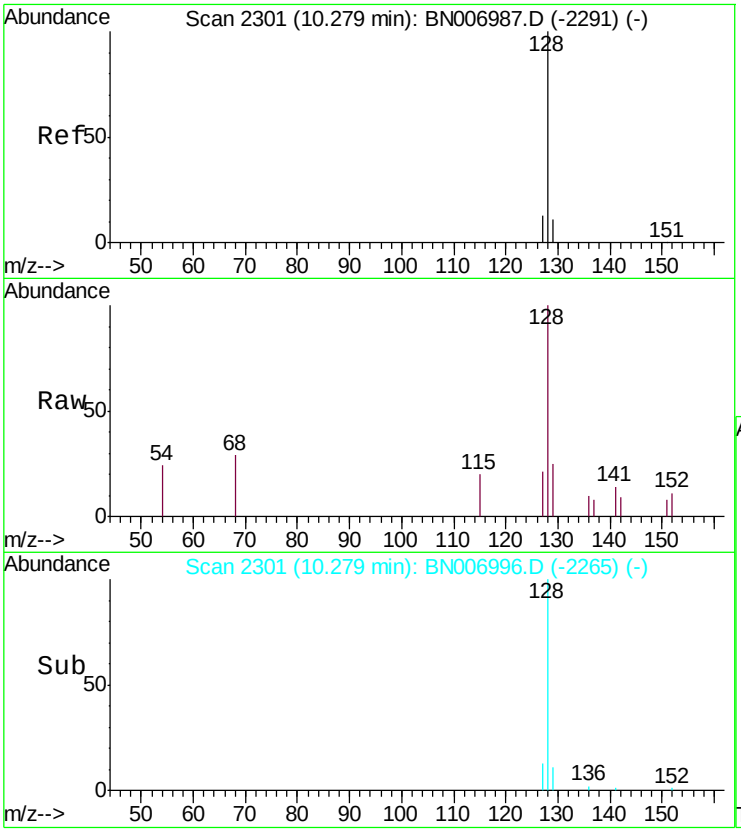

#3
Naphthalene
Concen: 0.020 ng/ul
RT: 10.28 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BN006996.D
Acq: 07 Aug 2019 20:21

Tgt Ion:128 Resp: 1647

Ion	Ratio	Lower	Upper
128	100		
129	25.0	10.0	15.0#
127	21.1	11.7	17.5#

Instrument :
BNA_N
ClientSampleId :
BEP21DL

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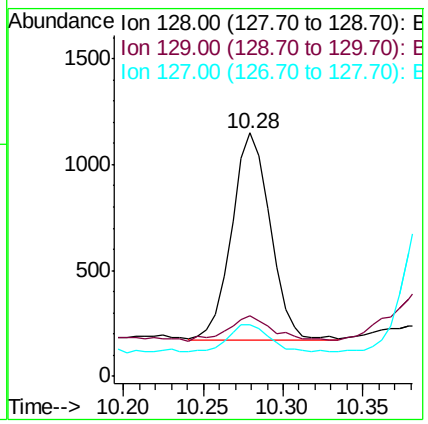
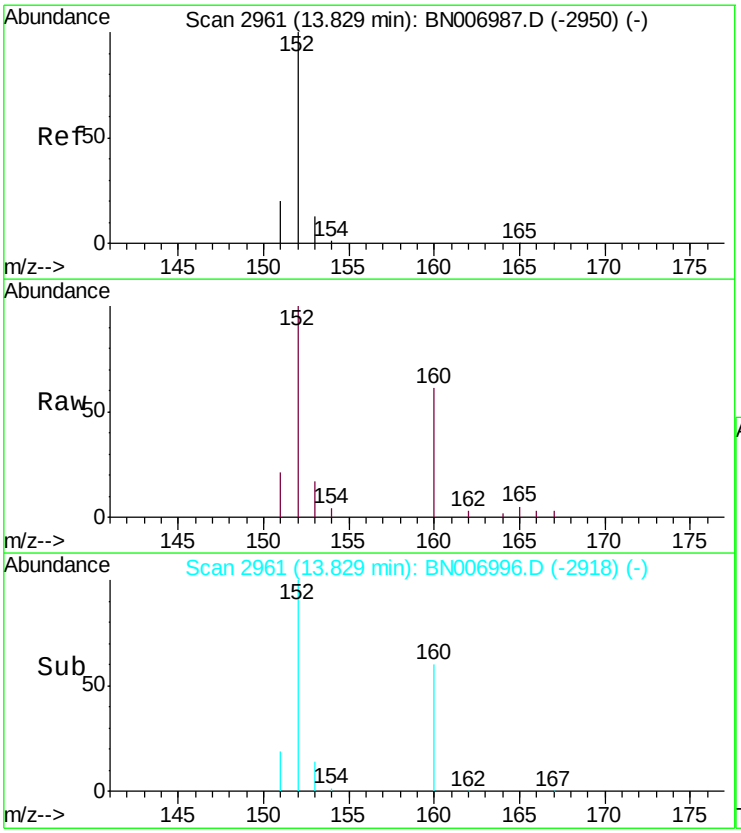
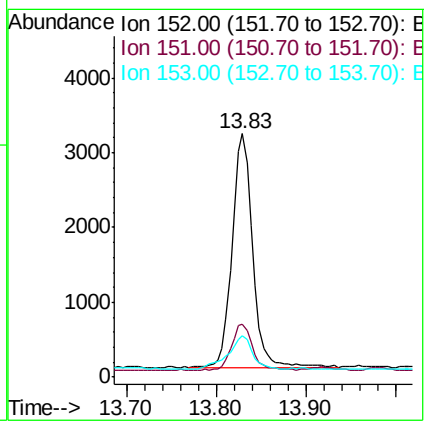


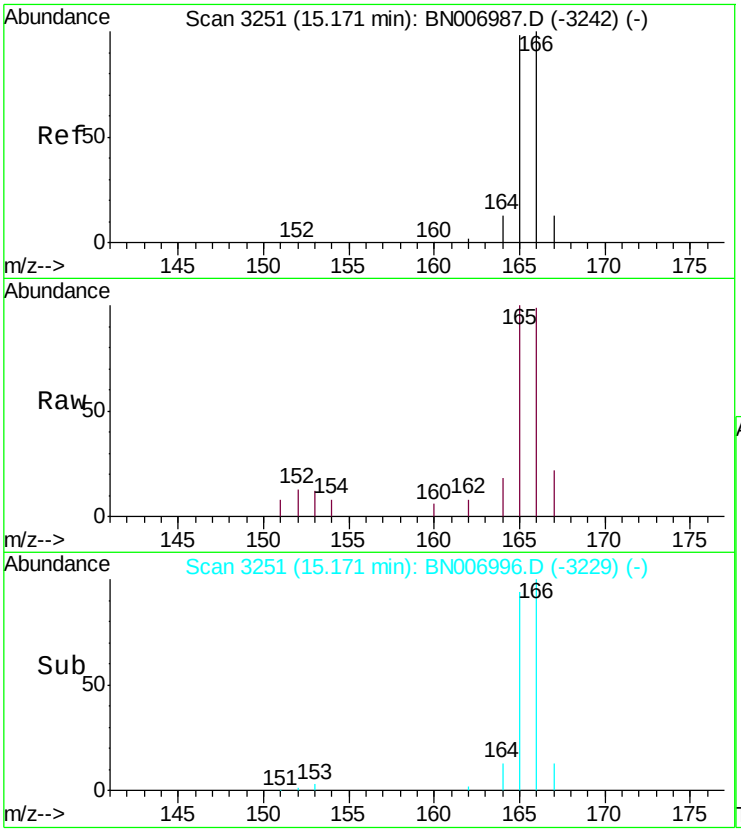


#7
Acenaphthylene
Concen: 0.047 ng/ul
RT: 13.83 min Scan# 2961
Delta R.T. -0.00 min
Lab File: BN006996.D
Acq: 07 Aug 2019 20:21

Tgt Ion:152 Resp: 4987

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.3	24.5
153	16.9	11.0	16.4#





#9
Fluorene
Concen: 0.021 ng/ul
RT: 15.17 min Scan# 3251
Delta R.T. -0.00 min
Lab File: BN006996.D
Acq: 07 Aug 2019 20:21

Tgt Ion:166 Resp: 1810

Ion	Ratio	Lower	Upper
166	100		
165	100.5	78.8	118.2
167	21.7	11.3	16.9#

Instrument :
BNA_N
ClientSampleId :
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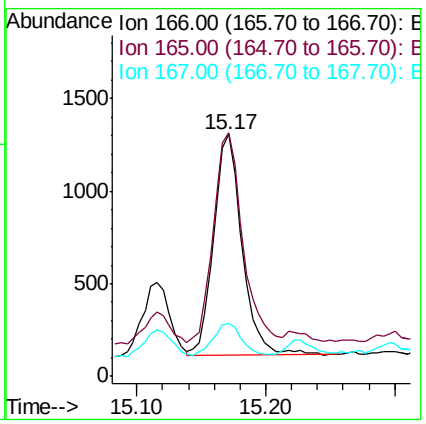
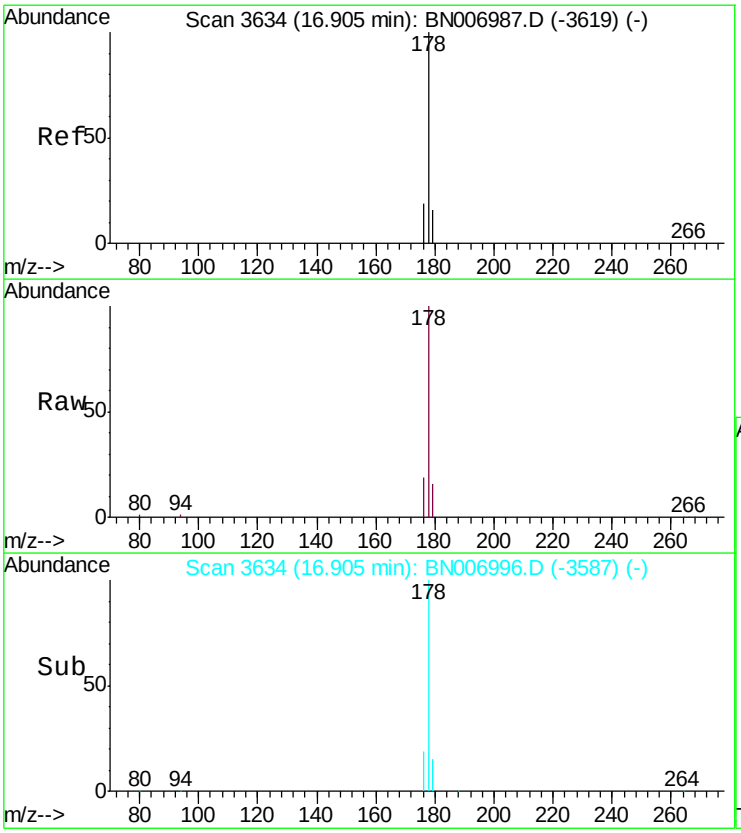
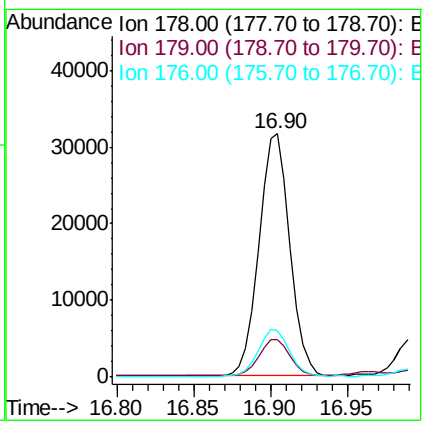


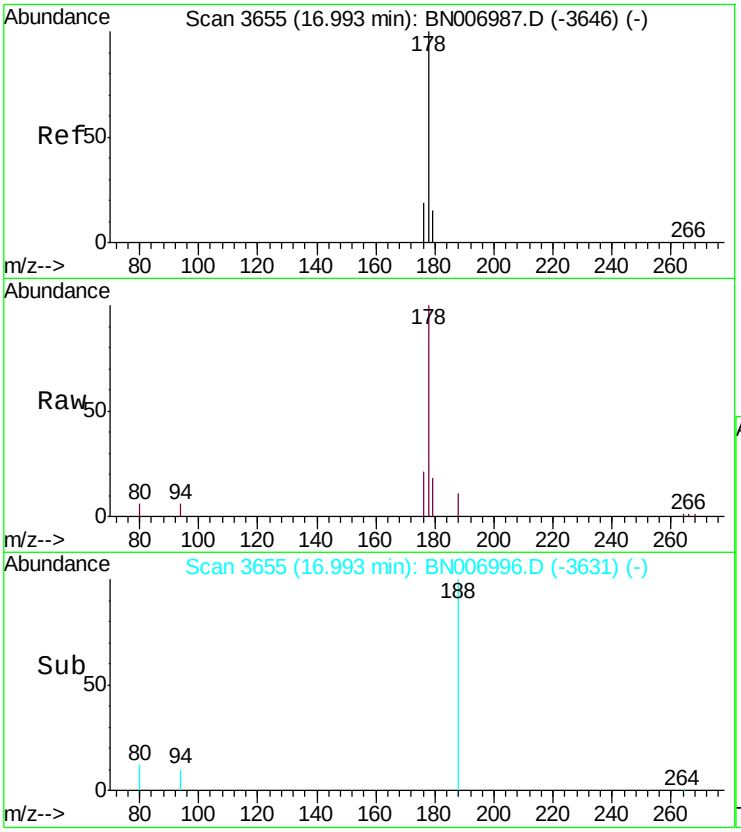


#12
Phenanthrene
Concen: 0.301 ng/ul
RT: 16.90 min Scan# 3634
Delta R.T. -0.00 min
Lab File: BN006996.D
Acq: 07 Aug 2019 20:21

Tgt Ion:178 Resp: 44342

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7
176	19.3	15.6	23.4





#13
Anthracene
Concen: 0.050 ng/ul
RT: 16.99 min Scan# 3655
Delta R.T. -0.00 min
Lab File: BN006996.D
Acq: 07 Aug 2019 20:21

Tgt Ion:178 Resp: 7490

Ion	Ratio	Lower	Upper
178	100		
179	18.2	12.6	18.8
176	20.6	15.4	23.0

Instrument :
BNA_N
ClientSampleId :
BEP21DL

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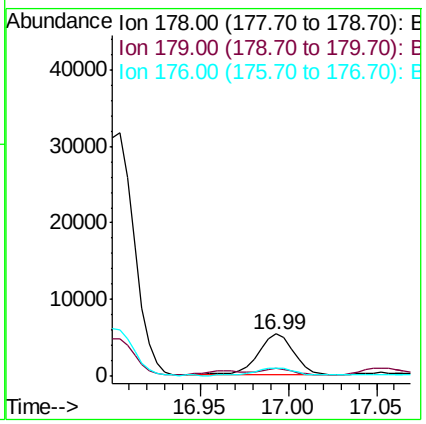
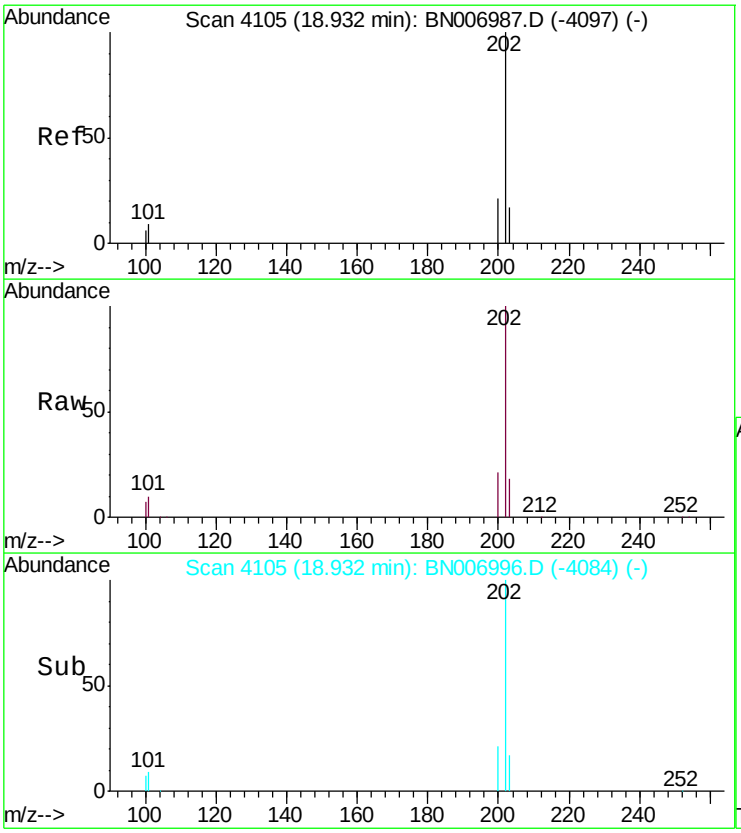
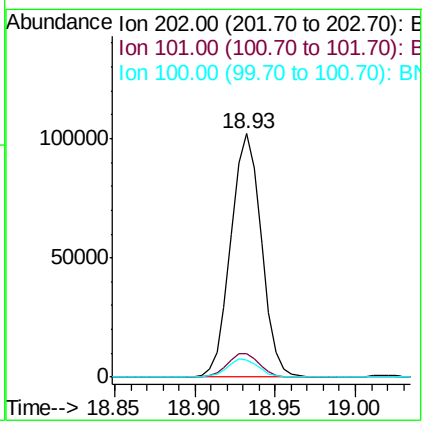


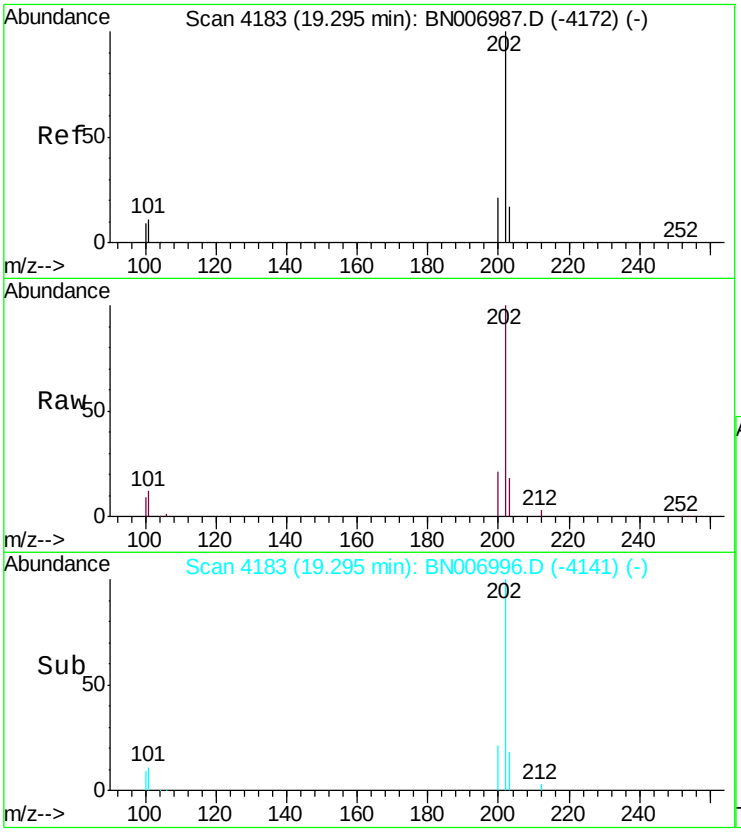


#15
Fluoranthene
Concen: 0.727 ng/ul
RT: 18.93 min Scan# 4105
Delta R.T. -0.00 min
Lab File: BN006996.D
Acq: 07 Aug 2019 20:21

Tgt Ion:202 Resp: 133043

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.0
100	7.1	0.0	27.7





#17
Pyrene
Concen: 0.625 ng/ul
RT: 19.29 min Scan# 4183
Delta R.T. -0.00 min
Lab File: BN006996.D
Acq: 07 Aug 2019 20:21

Tgt Ion:202 Resp: 114438

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.3	13.9
100	9.3	7.3	10.9

Instrument :
BNA_N
ClientSampleId :
BEP21DL

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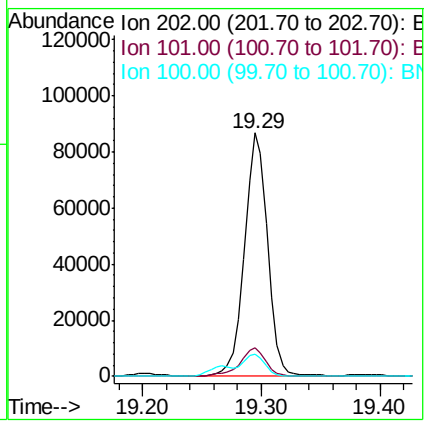
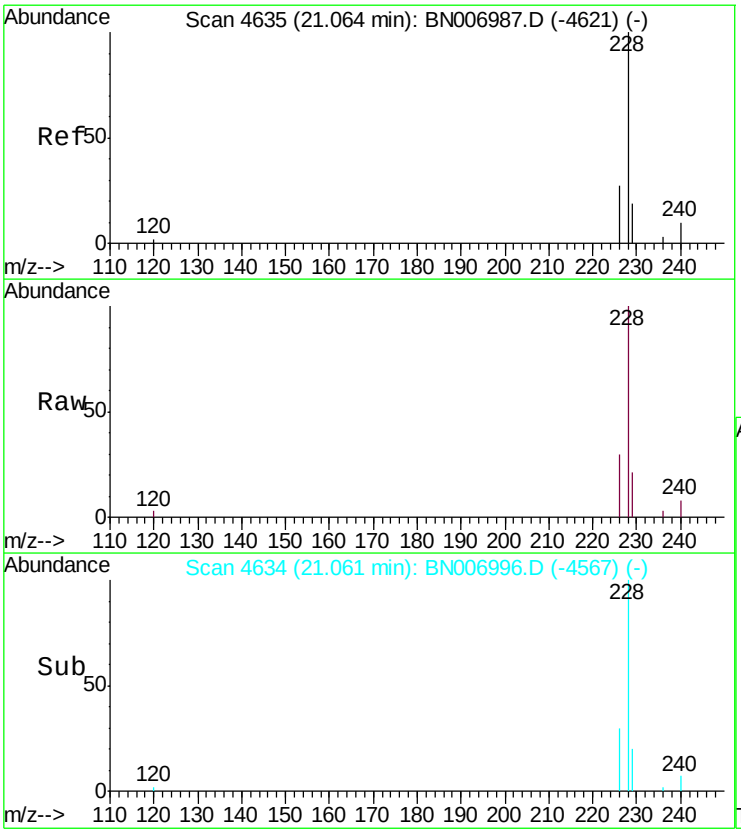
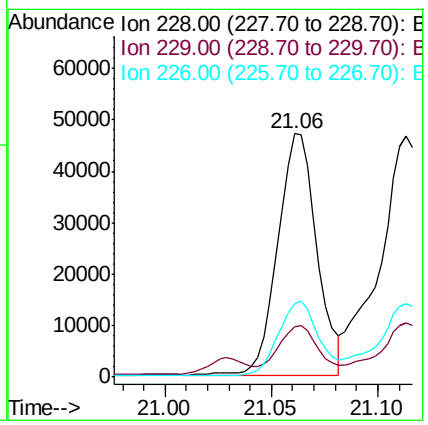


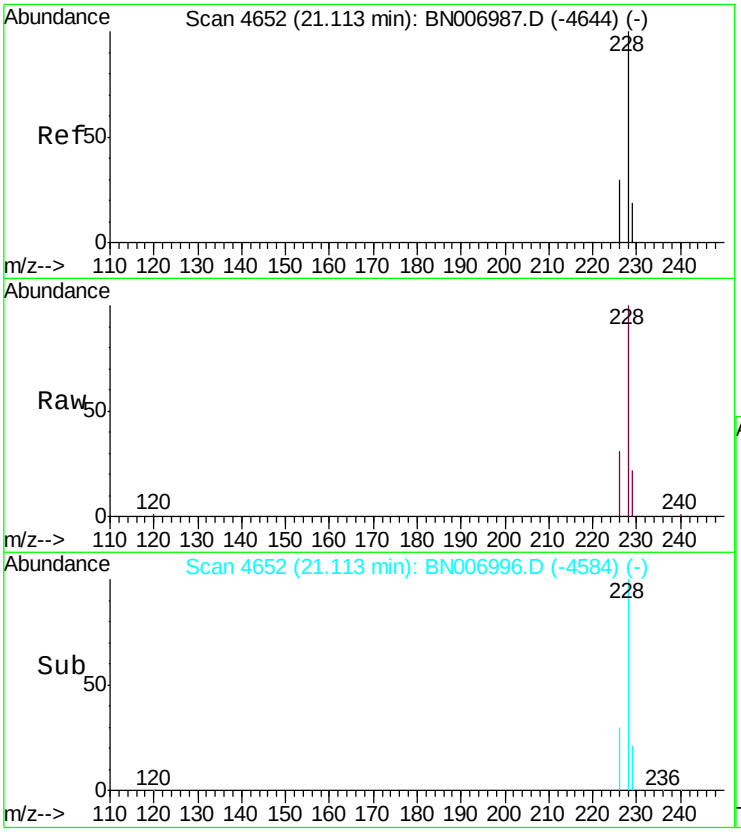


#18
Benzo(a)anthracene
Concen: 0.331 ng/ul
RT: 21.06 min Scan# 4634
Delta R.T. -0.00 min
Lab File: BN006996.D
Acq: 07 Aug 2019 20:21

Tgt Ion:228 Resp: 59702

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.9	23.9
226	30.1	22.2	33.4

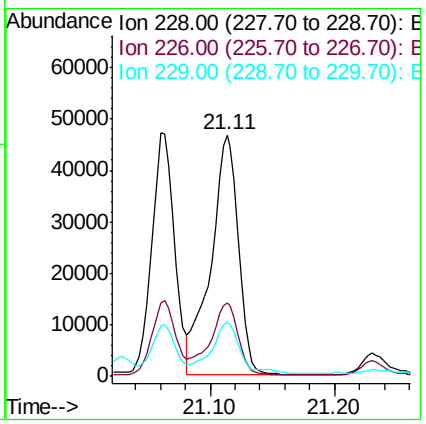




#19
Chrysene
Concen: 0.421 ng/ul
RT: 21.11 min Scan# 4652
Delta R.T. -0.00 min
Lab File: BN006996.D
Acq: 07 Aug 2019 20:21

Tgt Ion:228 Resp: 71054

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	22.3	15.5	23.3



Instrument :
BNA_N
ClientSampleId :
BEP21DL

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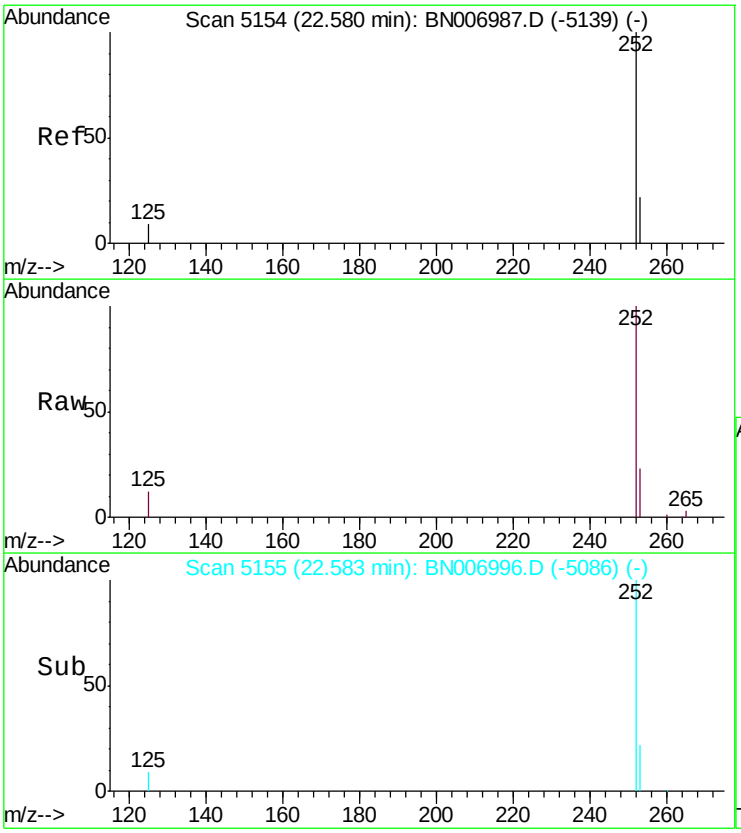
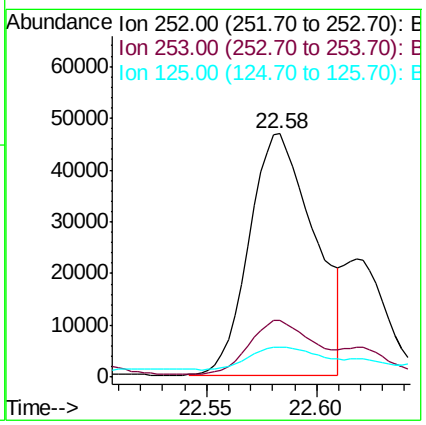
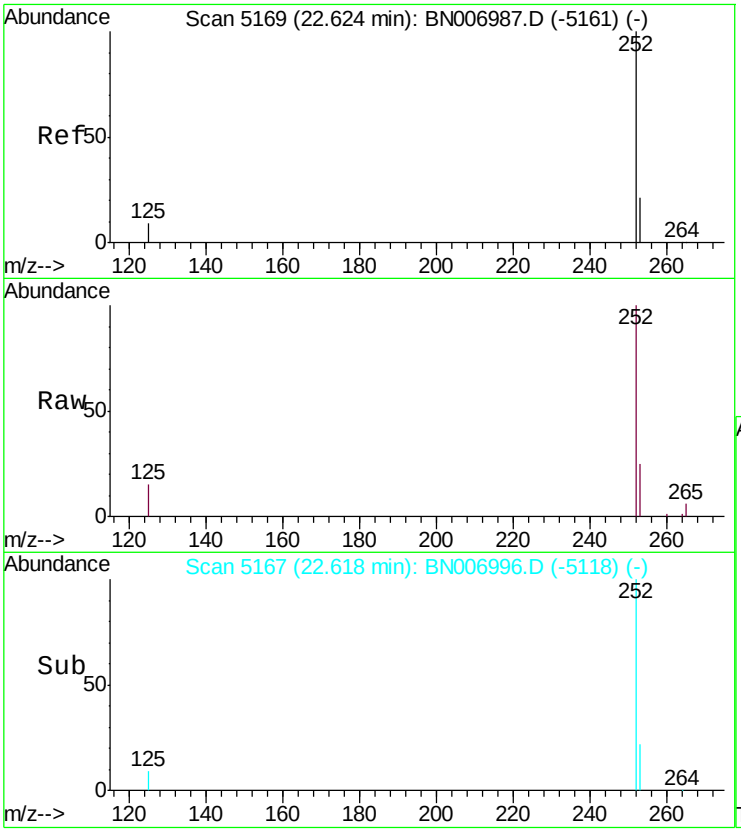


#21
Benzo(b)fluoranthene
Concen: 0.651 ng/ul m
RT: 22.58 min Scan# 5155
Delta R.T. 0.00 min
Lab File: BN006996.D
Acq: 07 Aug 2019 20:21

Tgt Ion:252 Resp: 96335

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	45.2
125	12.5	0.0	22.2





#22
Benzo(k)fluoranthene
Concen: 0.201 ng/ul m
RT: 22.62 min Scan# 5167
Delta R.T. -0.01 min
Lab File: BN006996.D
Acq: 07 Aug 2019 20:21

Tgt Ion:252 Resp: 28762

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.6	28.0
125	15.2	8.7	13.1#

Instrument :
BNA_N
ClientSampleId :
BEP21DL

Manual Integrations APPROVED
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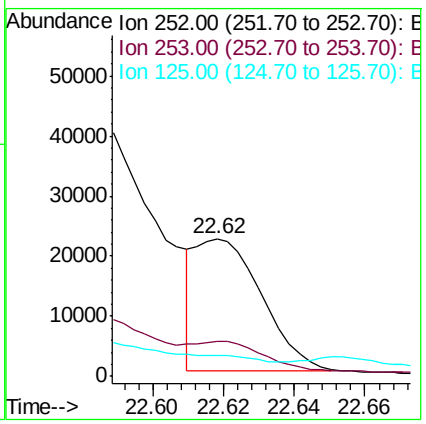
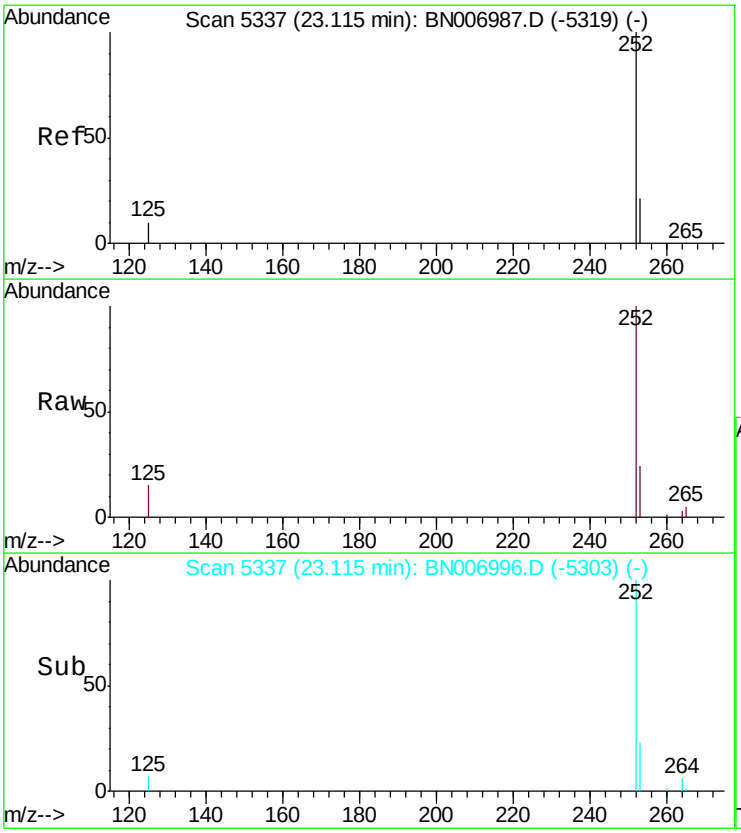
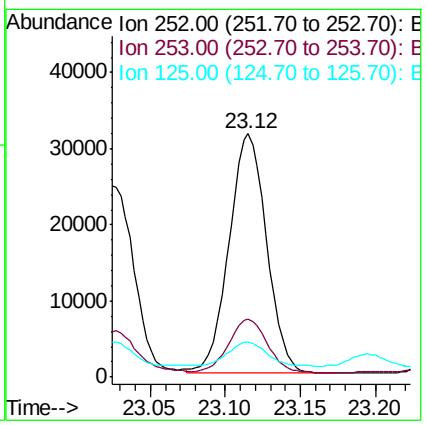


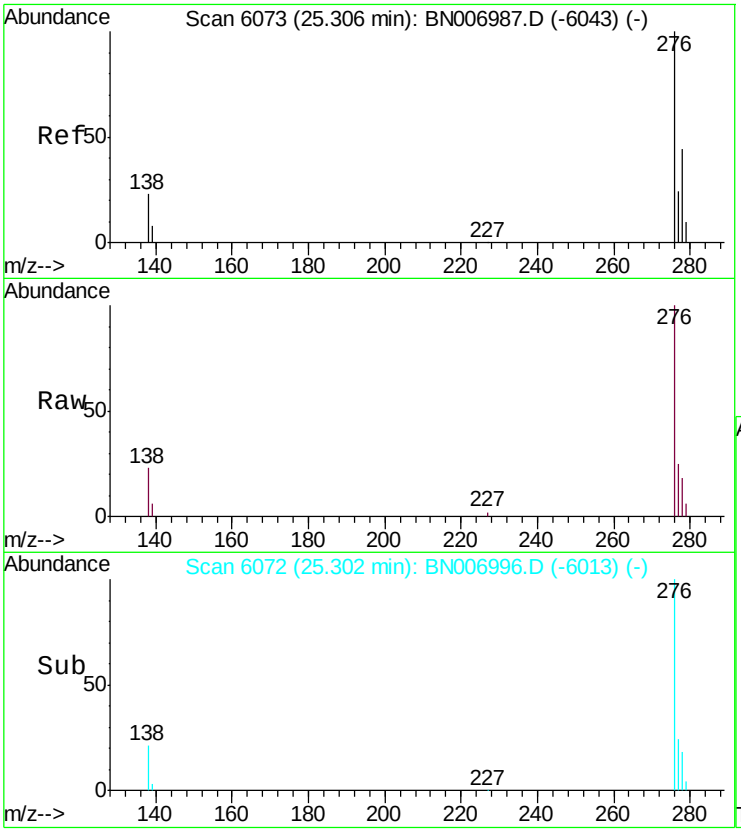


#23
Benzo(a)pyrene
Concen: 0.393 ng/ul
RT: 23.12 min Scan# 5337
Delta R.T. -0.00 min
Lab File: BN006996.D
Acq: 07 Aug 2019 20:21

Tgt Ion:252 Resp: 54788

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	14.5	10.0	15.0





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.243 ng/ul
RT: 25.30 min Scan# 6072
Delta R.T. -0.00 min
Lab File: BN006996.D
Acq: 07 Aug 2019 20:21

Tgt Ion:276 Resp: 36499

Ion	Ratio	Lower	Upper
276	100		
138	21.3	19.9	29.9
227	0.2	0.2	0.4#

Instrument :
BNA_N
ClientSampleId :
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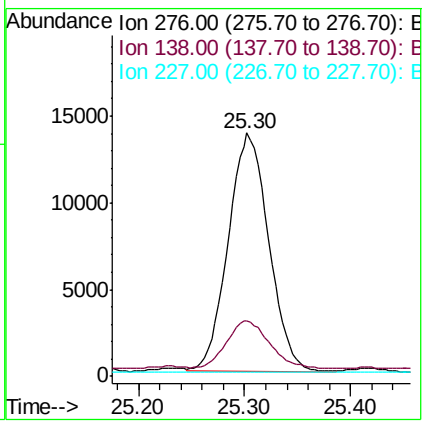
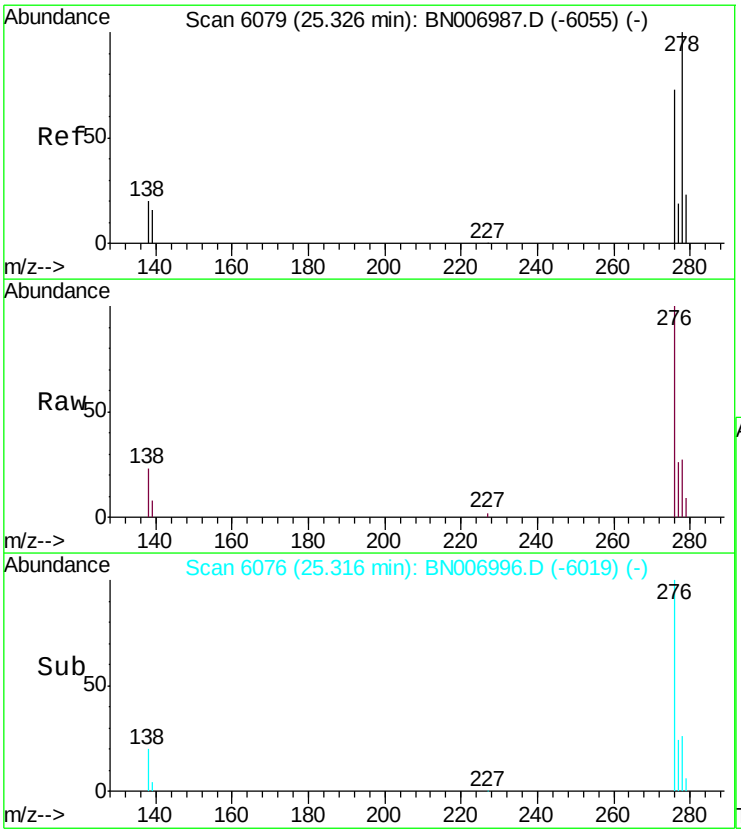
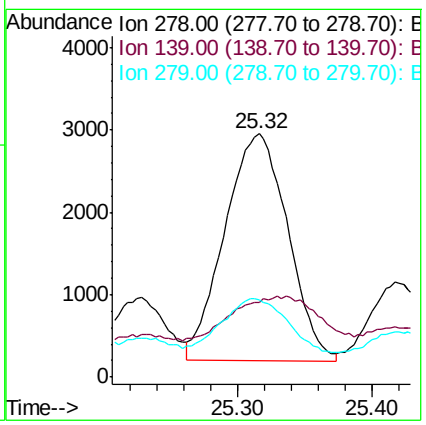


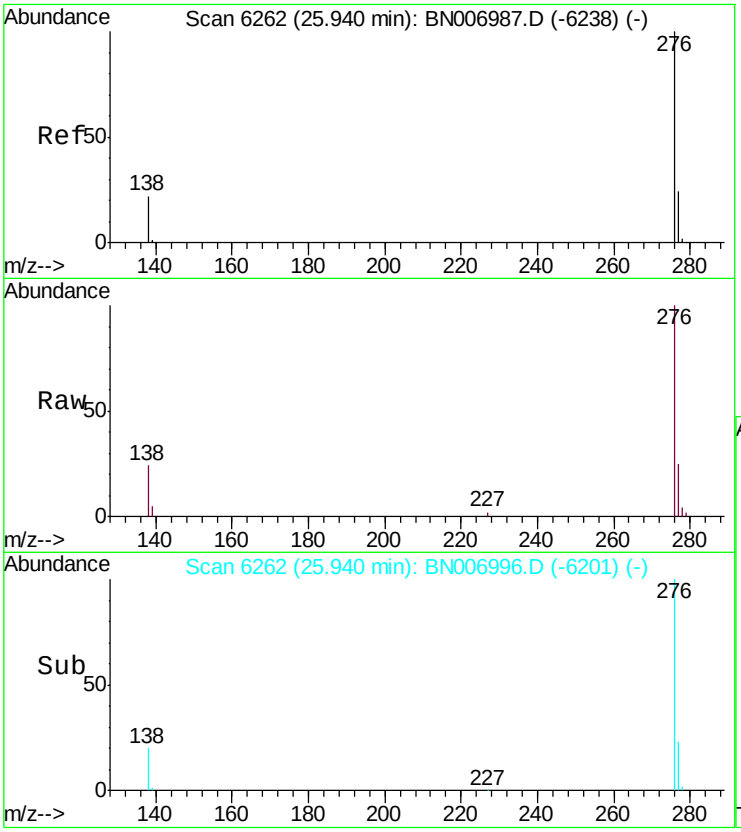


#25
Dibenzo(a,h)anthracene
Concen: 0.075 ng/ul
RT: 25.32 min Scan# 6076
Delta R.T. -0.01 min
Lab File: BN006996.D
Acq: 07 Aug 2019 20:21

Tgt Ion:278 Resp: 8949

Ion	Ratio	Lower	Upper
278	100		
139	30.8	14.3	21.5#
279	31.8	19.6	29.4#

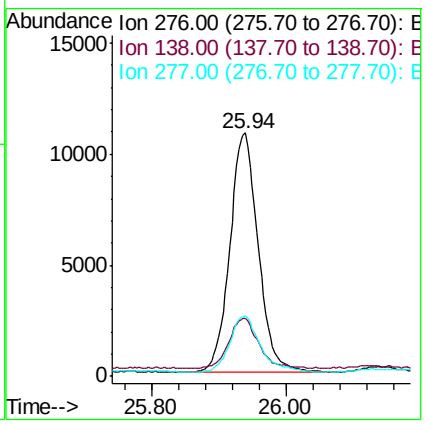




#26
Benzo(g,h,i)perylene
Concen: 0.251 ng/ul
RT: 25.94 min Scan# 6262
Delta R.T. 0.00 min
Lab File: BN006996.D
Acq: 07 Aug 2019 20:21

Tgt Ion:276 Resp: 31568

Ion	Ratio	Lower	Upper
276	100		
138	23.6	18.7	28.1
277	24.7	19.3	28.9



Instrument :
BNA_N
ClientSampleId :
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