Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006991.D
Acq On : 07 Aug 2019 17:21
Operator : HP/JU
Sample : K3893-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 07 18:28:16 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

Instrument :
BNA_N
ClientSampleId :
BEP19

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	6420	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	26262	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	16368	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	41445m	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	32683m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	25731m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	10306	0.22	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	29972m	0.22	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.28	128	3653	0.048	ng/ul#	90
5) 2-Methylnaphthalene	11.91	142	4222	0.074	ng/ul	99
7) Acenaphthylene	13.83	152	32655	0.344	ng/ul	100
8) Acenaphthene	14.18	153	3742	0.058	ng/ul	97
9) Fluorene	15.17	166	17065	0.217	ng/ul	100
12) Phenanthrene	16.90	178	302223m	2.288	ng/ul	
13) Anthracene	17.00	178	50821m	0.376	ng/ul	
15) Fluoranthene	18.93	202	594995m	3.624	ng/ul	
17) Pyrene	19.30	202	428022	2.933	ng/ul	100
18) Benzo(a)anthracene	21.07	228	248829m	1.733	ng/ul	
19) Chrysene	21.12	228	236614	1.760	ng/ul	97
21) Benzo(b)fluoranthene	22.58	252	287017m	2.751	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	100843m	0.997	ng/ul	
23) Benzo(a)pyrene	23.12	252	164386	1.674	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.31	276	110431	1.043	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.32	278	29724m	0.352	ng/ul	
26) Benzo(g,h,i)perylene	25.94	276	91847	1.034	ng/ul	100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006991.D
Acq On : 07 Aug 2019 17:21
Operator : HP/JU
Sample : K3893-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 07 18:28:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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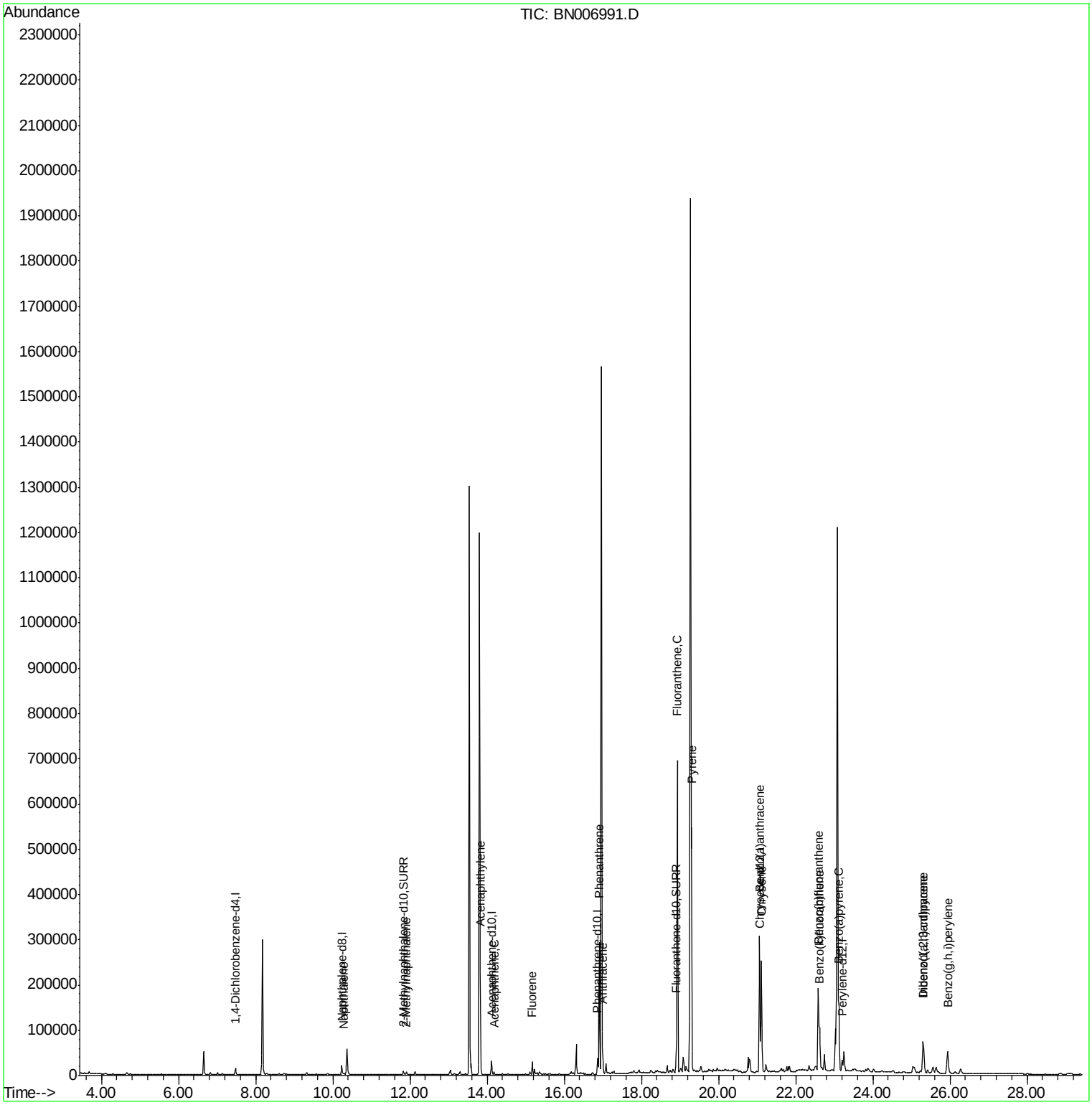
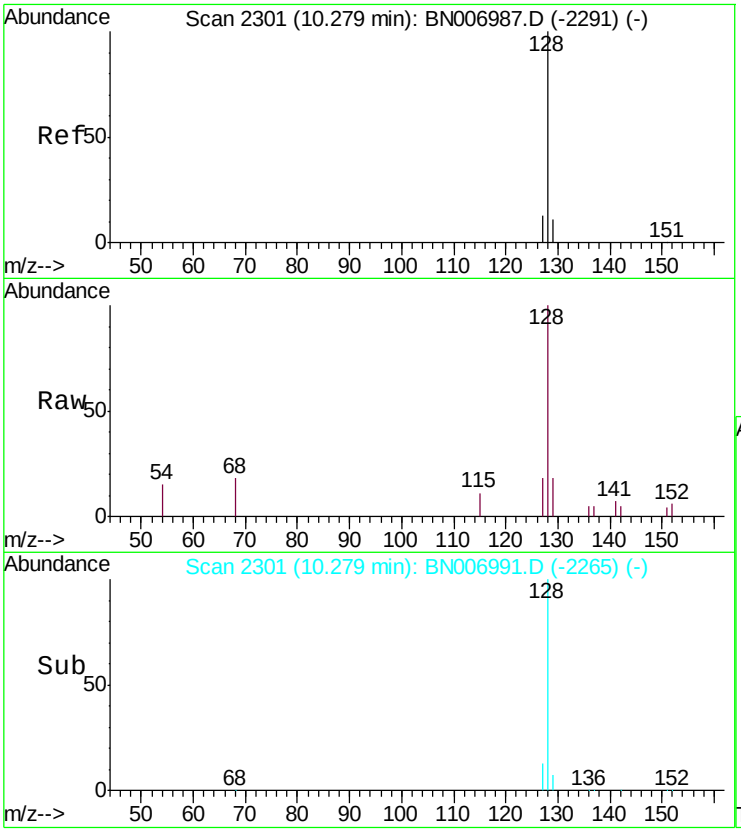
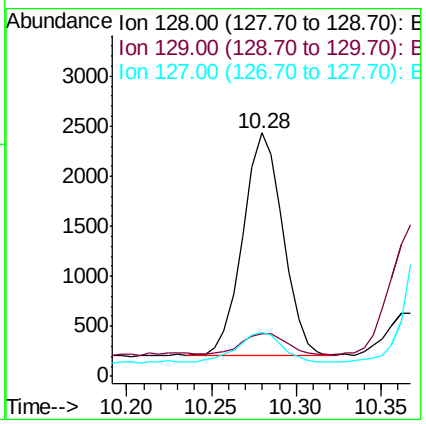




#3
Naphthalene
Concen: 0.048 ng/ul
RT: 10.28 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BN006991.D
Acq: 07 Aug 2019 17:21

Tgt Ion:128 Resp: 3653

Ion	Ratio	Lower	Upper
128	100		
129	17.6	10.0	15.0#
127	18.0	11.7	17.5#



Instrument :
BNA_N
ClientSampleId :
BEP19

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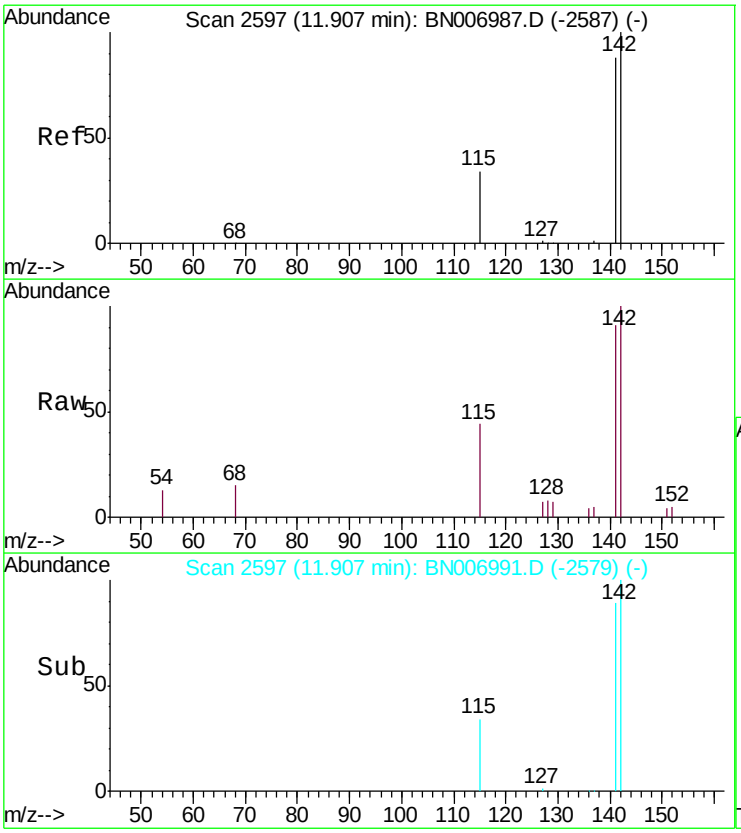
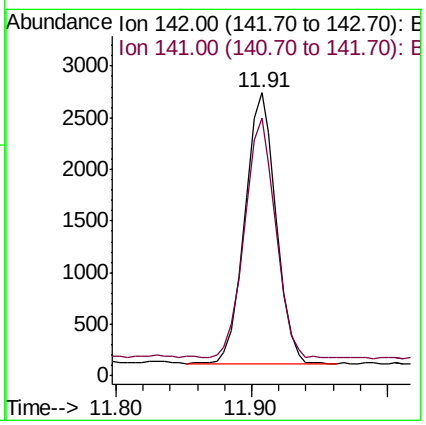
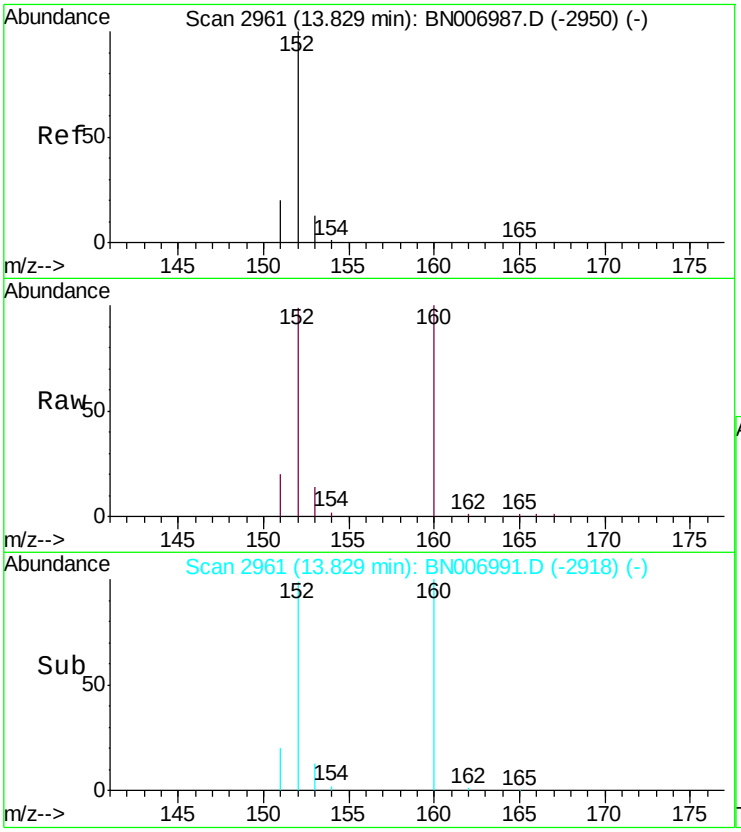


#5
2-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 11.91 min Scan# 2597
Delta R.T. -0.00 min
Lab File: BN006991.D
Acq: 07 Aug 2019 17:21

Tgt Ion:142 Resp: 4222

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.0	106.6

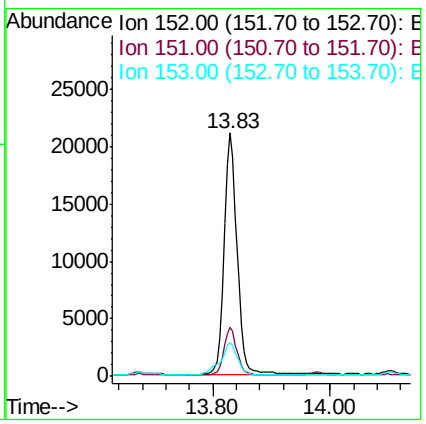




#7
Acenaphthylene
Concen: 0.344 ng/ul
RT: 13.83 min Scan# 2961
Delta R.T. -0.00 min
Lab File: BN006991.D
Acq: 07 Aug 2019 17:21

Tgt Ion:152 Resp: 32655

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	14.1	11.0	16.4



Instrument :
BNA_N
ClientSampleId :
BEP19

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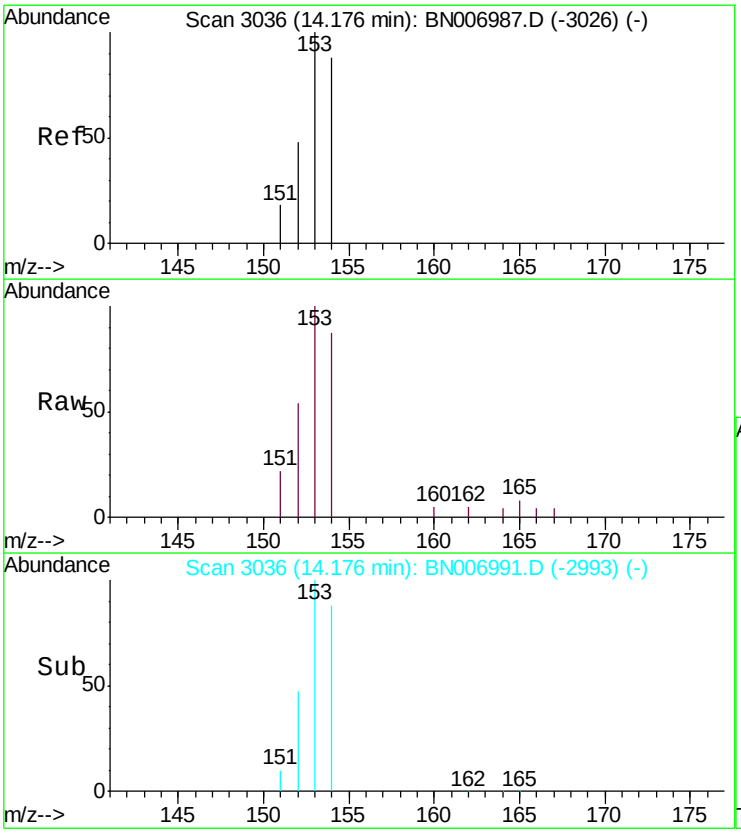
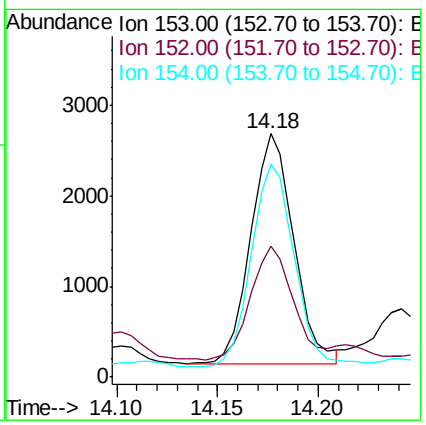
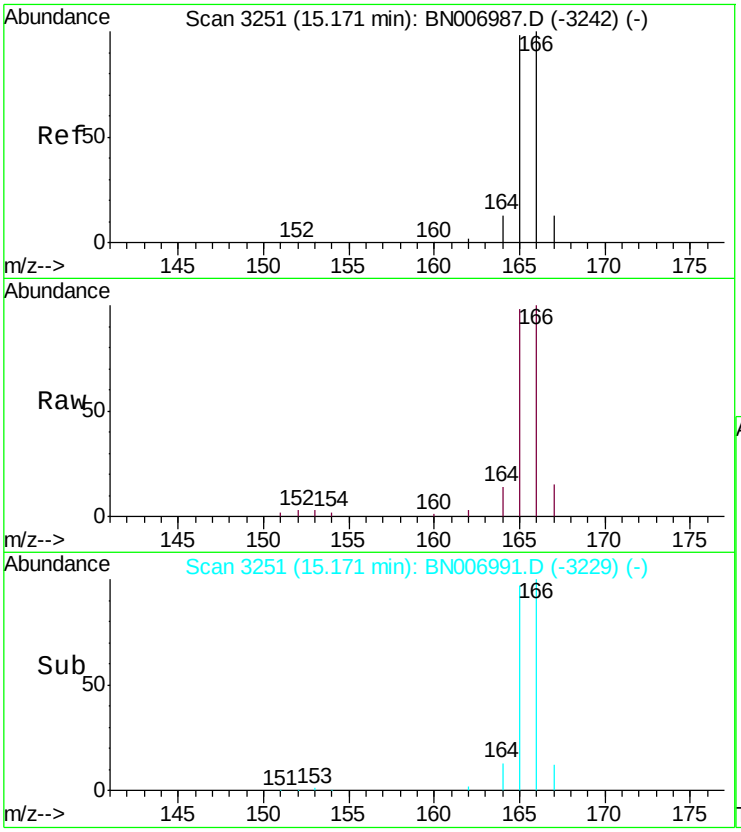


#8
Acenaphthene
Concen: 0.058 ng/ul
RT: 14.18 min Scan# 3036
Delta R.T. -0.00 min
Lab File: BN006991.D
Acq: 07 Aug 2019 17:21

Tgt Ion:153 Resp: 3742

Ion	Ratio	Lower	Upper
153	100		
152	53.9	39.4	59.2
154	87.3	70.1	105.1

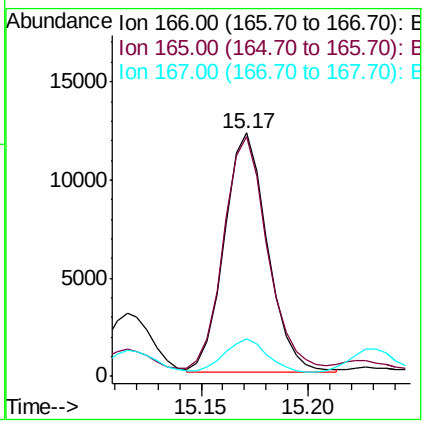




#9
Fluorene
Concen: 0.217 ng/ul
RT: 15.17 min Scan# 3251
Delta R.T. -0.00 min
Lab File: BN006991.D
Acq: 07 Aug 2019 17:21

Tgt Ion:166 Resp: 17065

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.8	118.2
167	15.3	11.3	16.9



Instrument :
BNA_N
ClientSampleId :
BEP19

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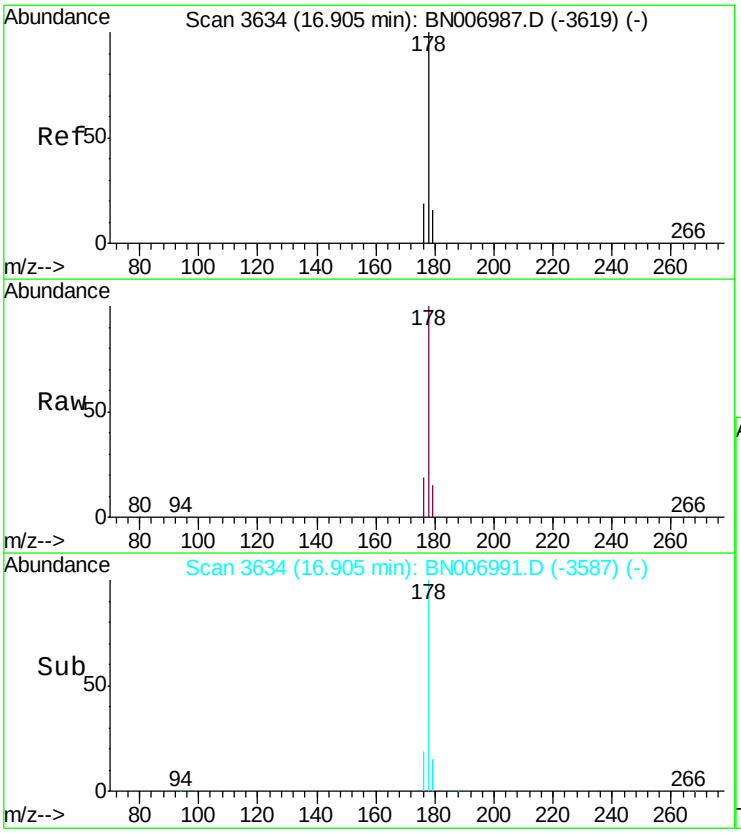
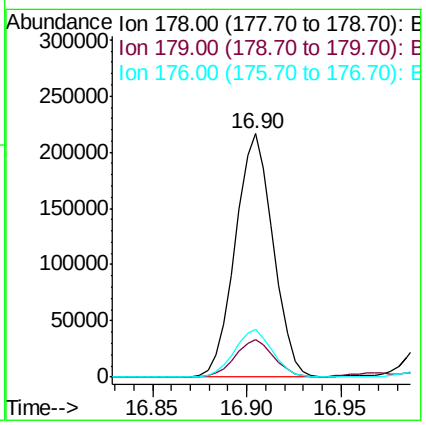
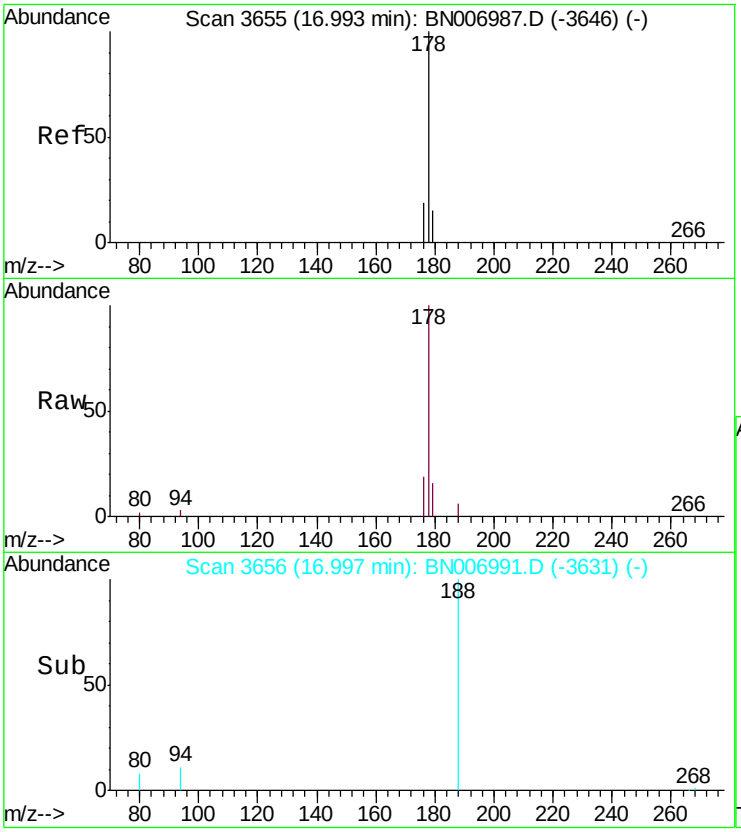


#12
Phenanthrene
Concen: 2.288 ng/ul m
RT: 16.90 min Scan# 3634
Delta R.T. -0.00 min
Lab File: BN006991.D
Acq: 07 Aug 2019 17:21

Tgt Ion:178 Resp: 302223

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.5	18.7
176	19.4	15.6	23.4

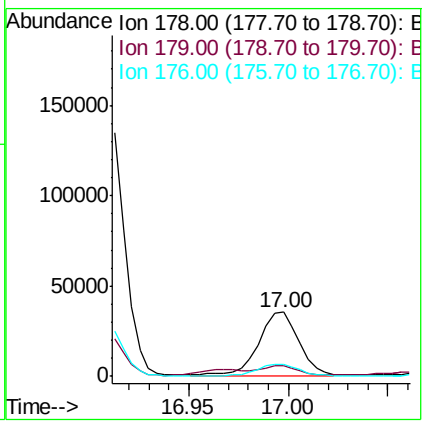




#13
Anthracene
Concen: 0.376 ng/ul m
RT: 17.00 min Scan# 3656
Delta R.T. 0.00 min
Lab File: BN006991.D
Acq: 07 Aug 2019 17:21

Tgt Ion:178 Resp: 50821

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	18.8
176	19.0	15.4	23.0



Instrument :
BNA_N
ClientSampleId :
BEP19

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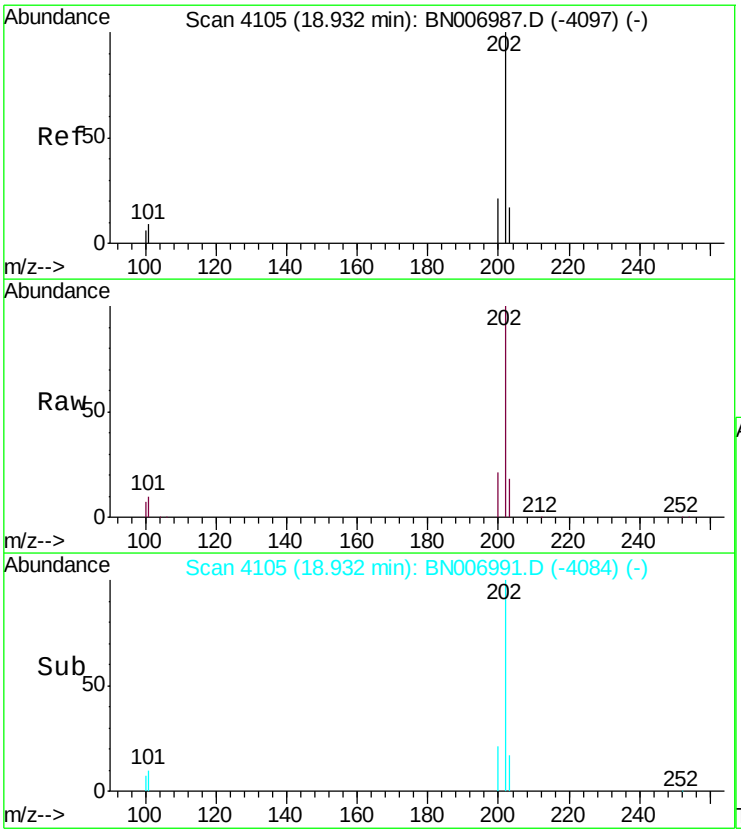
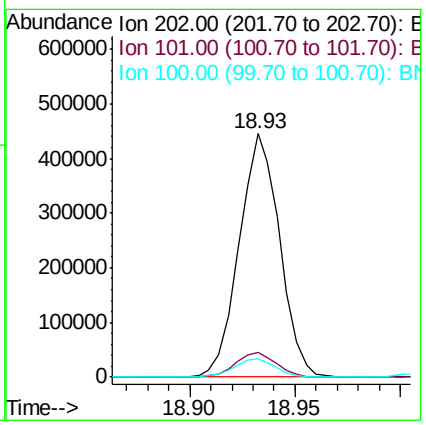
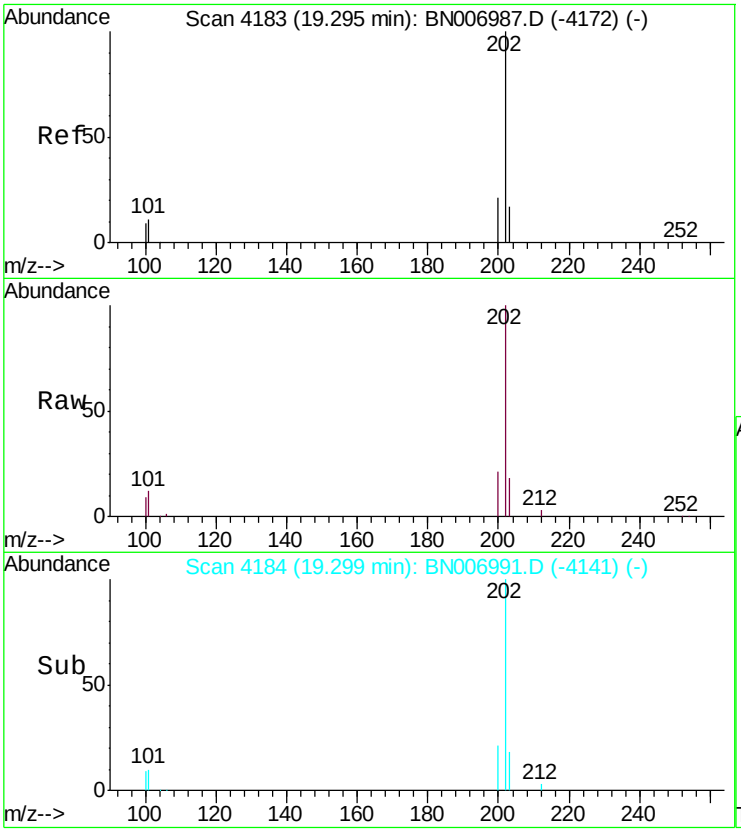


#15
Fluoranthene
Concen: 3.624 ng/ul m
RT: 18.93 min Scan# 4105
Delta R.T. -0.00 min
Lab File: BN006991.D
Acq: 07 Aug 2019 17:21

Tgt Ion:202 Resp: 594995

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.0
100	7.4	0.0	27.7





#17
Pyrene
Concen: 2.933 ng/ul
RT: 19.30 min Scan# 4184
Delta R.T. -0.00 min
Lab File: BN006991.D
Acq: 07 Aug 2019 17:21

Tgt Ion:202 Resp: 428022

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.3	13.9
100	9.1	7.3	10.9

Instrument :
BNA_N
ClientSampleId :
BEP19

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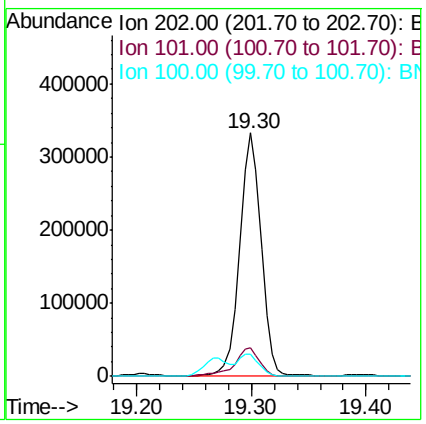
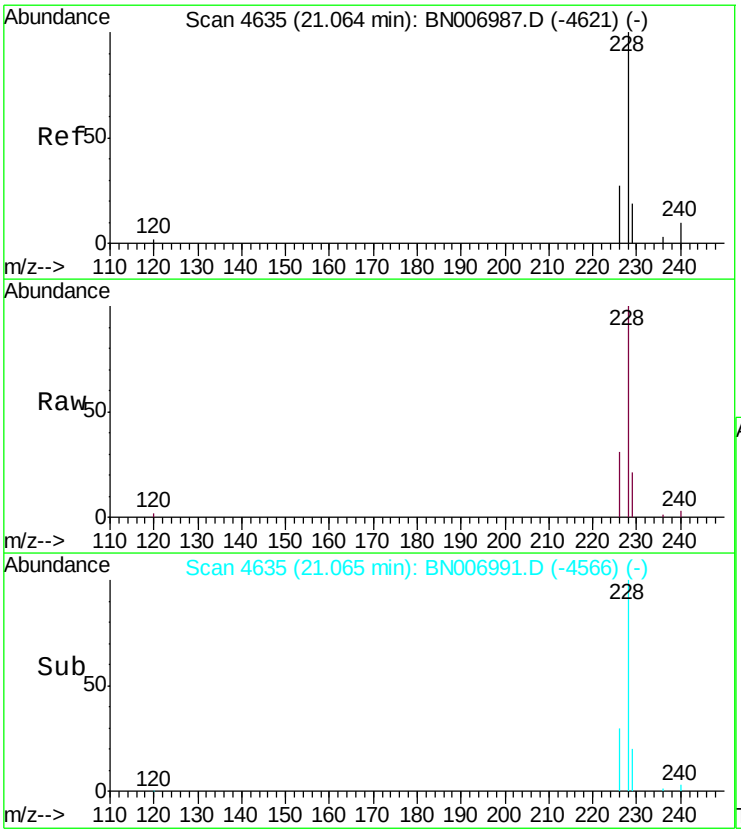
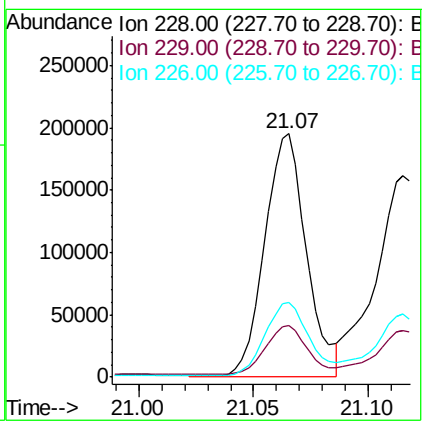


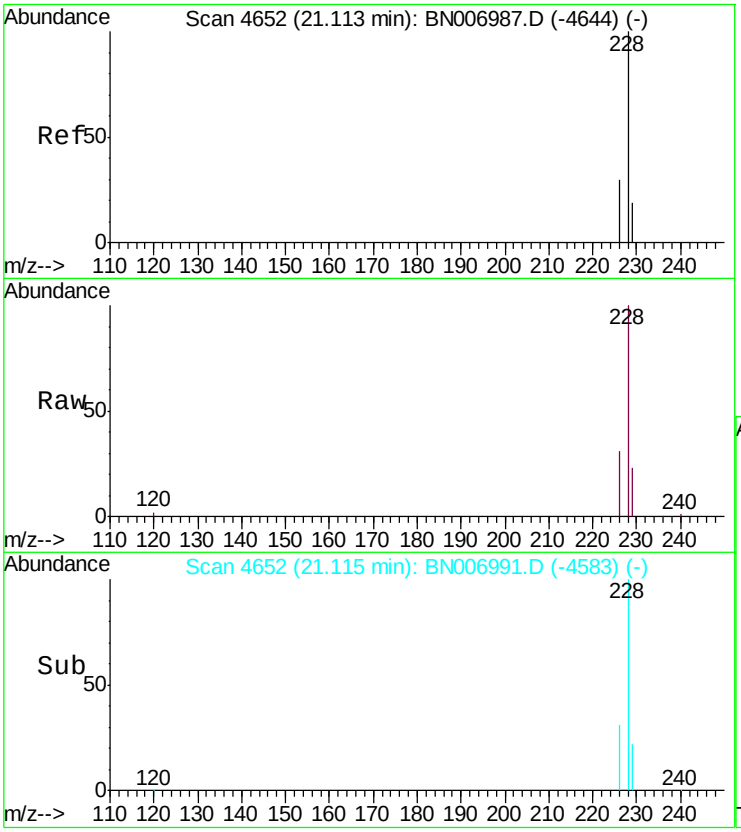


#18
Benzo(a)anthracene
Concen: 1.733 ng/ul m
RT: 21.07 min Scan# 4635
Delta R.T. 0.00 min
Lab File: BN006991.D
Acq: 07 Aug 2019 17:21

Tgt Ion:228 Resp: 248829

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.9	23.9
226	30.8	22.2	33.4

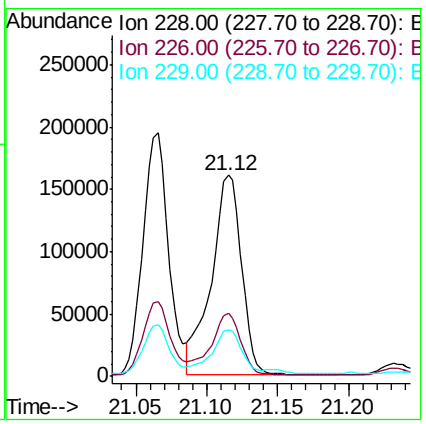




#19
Chrysene
Concen: 1.760 ng/ul
RT: 21.12 min Scan# 4652
Delta R.T. 0.00 min
Lab File: BN006991.D
Acq: 07 Aug 2019 17:21

Tgt Ion:228 Resp: 236614

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.7	37.1
229	23.1	15.5	23.3



Instrument :
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ClientSampleId :
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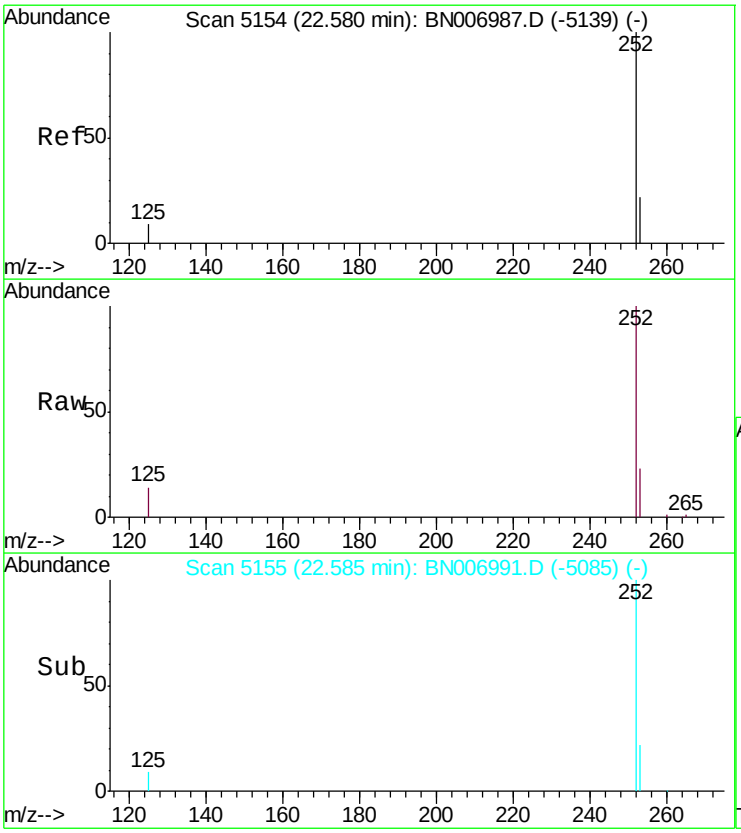
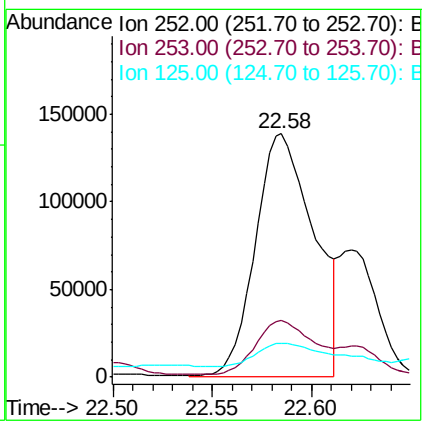
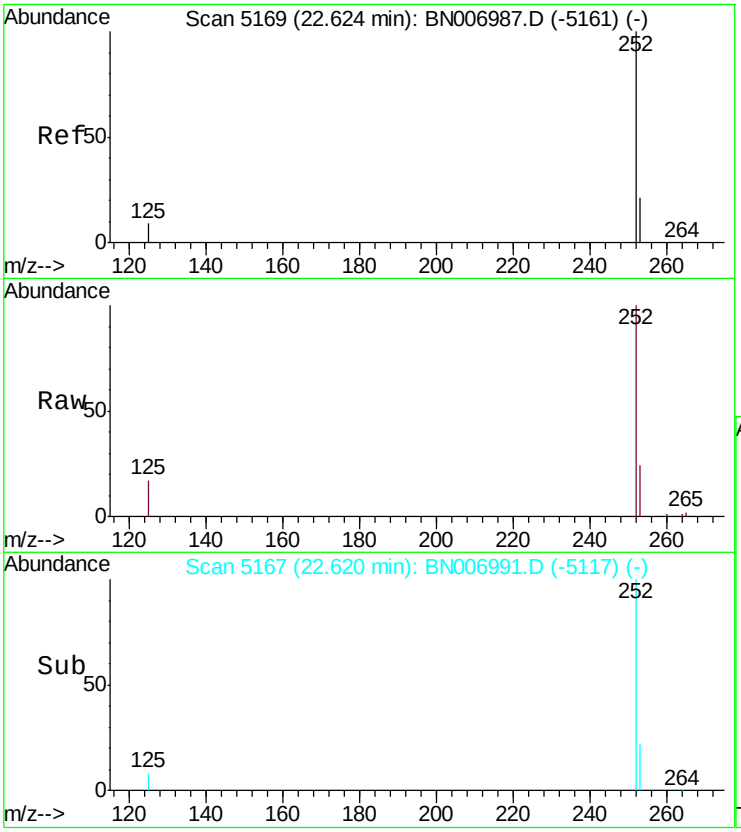


#21
Benzo(b)fluoranthene
Concen: 2.751 ng/ul m
RT: 22.58 min Scan# 5155
Delta R.T. 0.00 min
Lab File: BN006991.D
Acq: 07 Aug 2019 17:21

Tgt Ion:252 Resp: 287017

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	45.2
125	13.8	0.0	22.2





#22
Benzo(k)fluoranthene
Concen: 0.997 ng/ul m
RT: 22.62 min Scan# 5167
Delta R.T. -0.00 min
Lab File: BN006991.D
Acq: 07 Aug 2019 17:21

Tgt Ion:252 Resp: 100843

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.6	28.0
125	16.7	8.7	13.1#

Instrument :
BNA_N
ClientSampleId :
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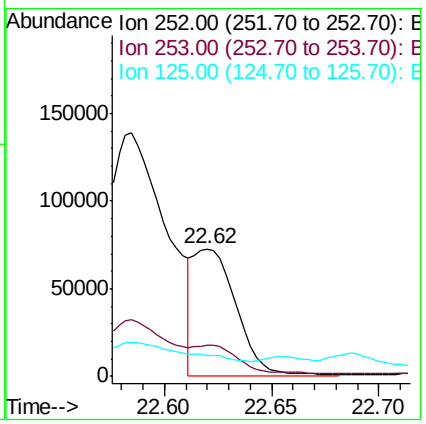
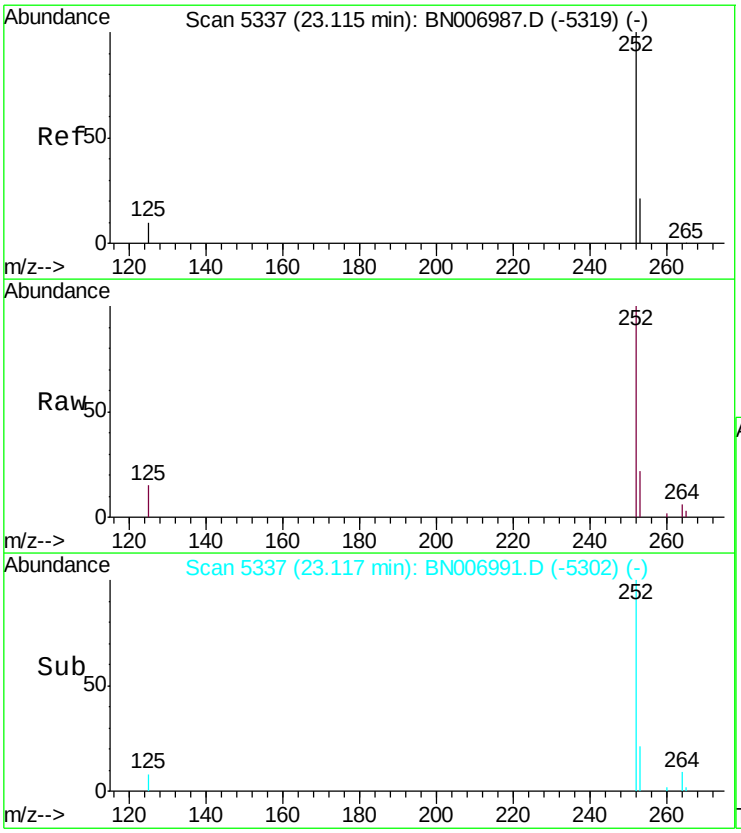
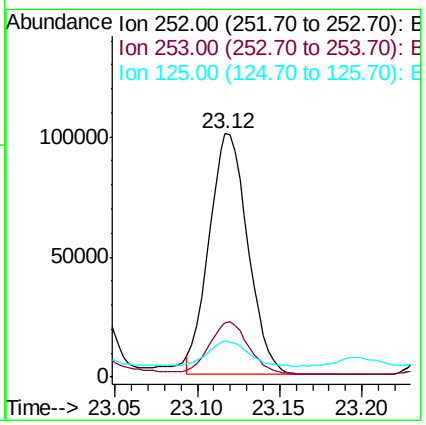


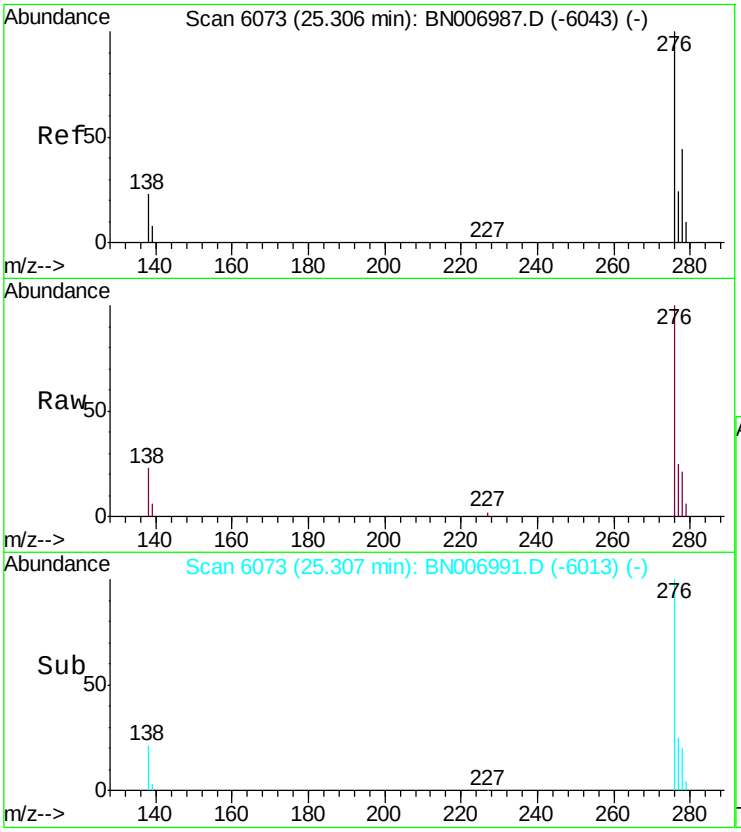


#23
Benzo(a)pyrene
Concen: 1.674 ng/ul
RT: 23.12 min Scan# 5337
Delta R.T. 0.00 min
Lab File: BN006991.D
Acq: 07 Aug 2019 17:21

Tgt Ion:252 Resp: 164386

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	14.8	10.0	15.0

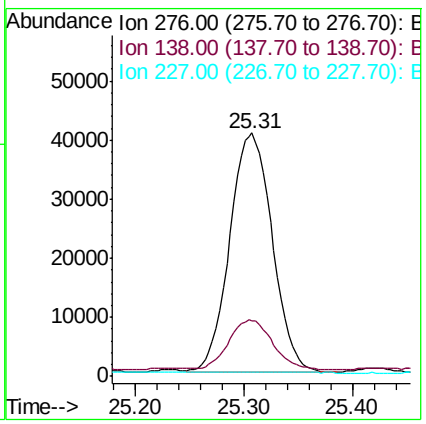




#24
Indeno(1,2,3-cd)pyrene
Concen: 1.043 ng/ul
RT: 25.31 min Scan# 6073
Delta R.T. 0.00 min
Lab File: BN006991.D
Acq: 07 Aug 2019 17:21

Tgt Ion:276 Resp: 110431

Ion	Ratio	Lower	Upper
276	100		
138	21.9	19.9	29.9
227	0.7	0.2	0.4#



Instrument :
BNA_N
ClientSampleId :
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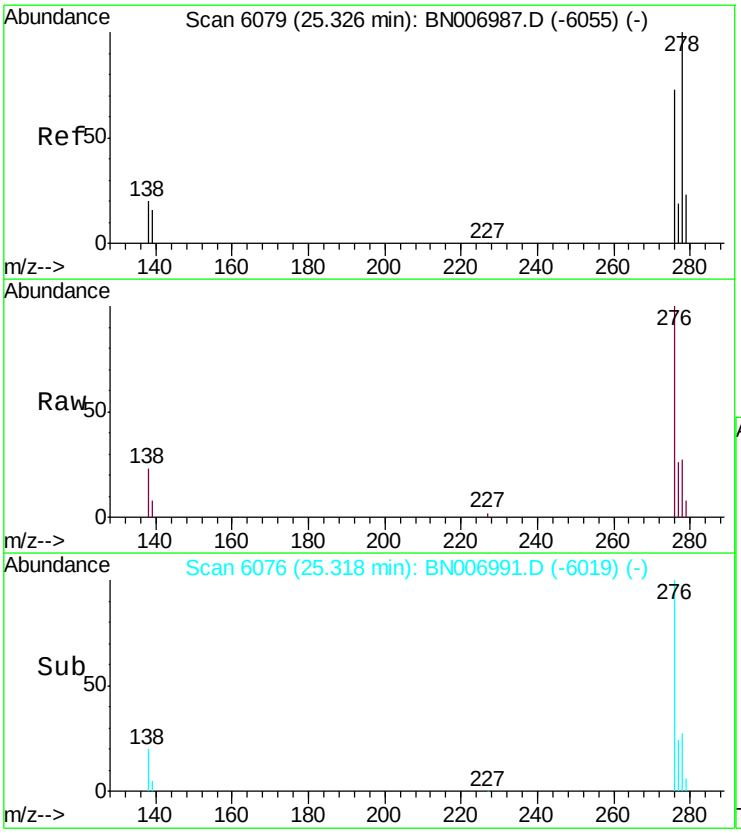
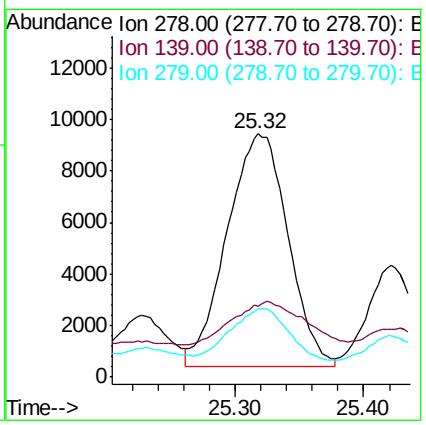
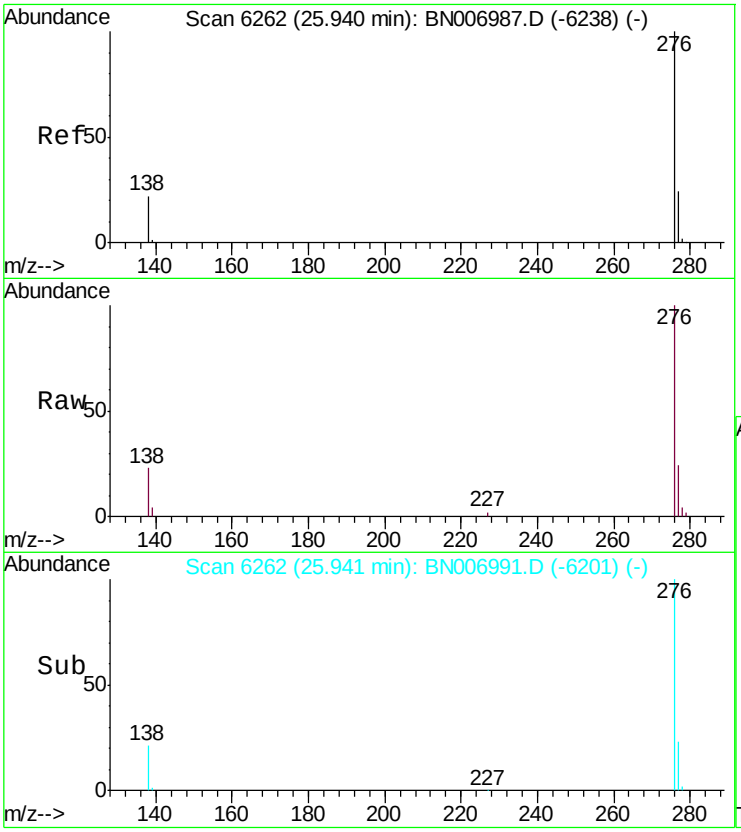


#25
Dibenzo(a,h)anthracene
Concen: 0.352 ng/ul m
RT: 25.32 min Scan# 6076
Delta R.T. -0.01 min
Lab File: BN006991.D
Acq: 07 Aug 2019 17:21

Tgt Ion:278 Resp: 29724

Ion	Ratio	Lower	Upper
278	100		
139	29.2	14.3	21.5#
279	27.9	19.6	29.4

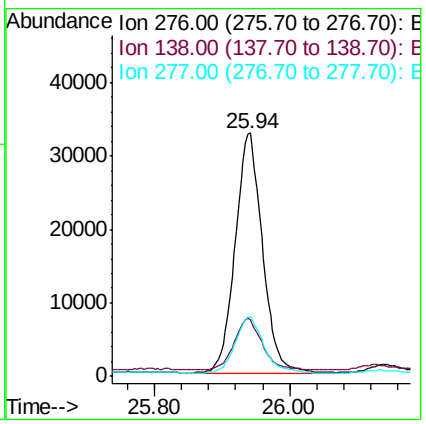




#26
Benzo(g,h,i)perylene
Concen: 1.034 ng/ul
RT: 25.94 min Scan# 6262
Delta R.T. 0.00 min
Lab File: BN006991.D
Acq: 07 Aug 2019 17:21

Tgt Ion:276 Resp: 91847

Ion	Ratio	Lower	Upper
276	100		
138	23.5	18.7	28.1
277	24.4	19.3	28.9



Instrument :
BNA_N
ClientSampleId :
BEP19

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:44 AM