Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008187.D
Acq On : 15 Oct 2019 23:25
Operator : JU
Sample : K5175-02DL 5X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP84DL

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Quant Time: Oct 16 05:01:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2616	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	12937	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	8542	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	18900	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	18386	0.40	ng/ul	-0.01
20) Perylene-d12	23.38	264	15049	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	889	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	3148	0.05	ng/ul	-0.01
Target Compounds						Qvalue
7) Acenaphthylene	13.96	152	2294	0.056	ng/ul#	91
8) Acenaphthene	14.31	153	783	0.025	ng/ul	96
9) Fluorene	15.31	166	1007	0.028	ng/ul#	95
12) Phenanthrene	17.04	178	18412	0.333	ng/ul	99
13) Anthracene	17.13	178	4072	0.084	ng/ul	96
15) Fluoranthene	19.06	202	49640	0.679	ng/ul	99
17) Pyrene	19.42	202	53786	0.735	ng/ul	100
18) Benzo(a)anthracene	21.18	228	29266	0.438	ng/ul	97
19) Chrysene	21.23	228	33771	0.412	ng/ul	99
21) Benzo(b)fluoranthene	22.73	252	31436m	0.642	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	11414m	0.206	ng/ul	
23) Benzo(a)pyrene	23.28	252	22121	0.429	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.54	276	12531	0.206	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.54	278	3099	0.065	ng/ul#	75
26) Benzo(g,h,i)perylene	26.20	276	9750	0.175	ng/ul	96

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

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Acq On : 15 Oct 2019 23:25
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Misc :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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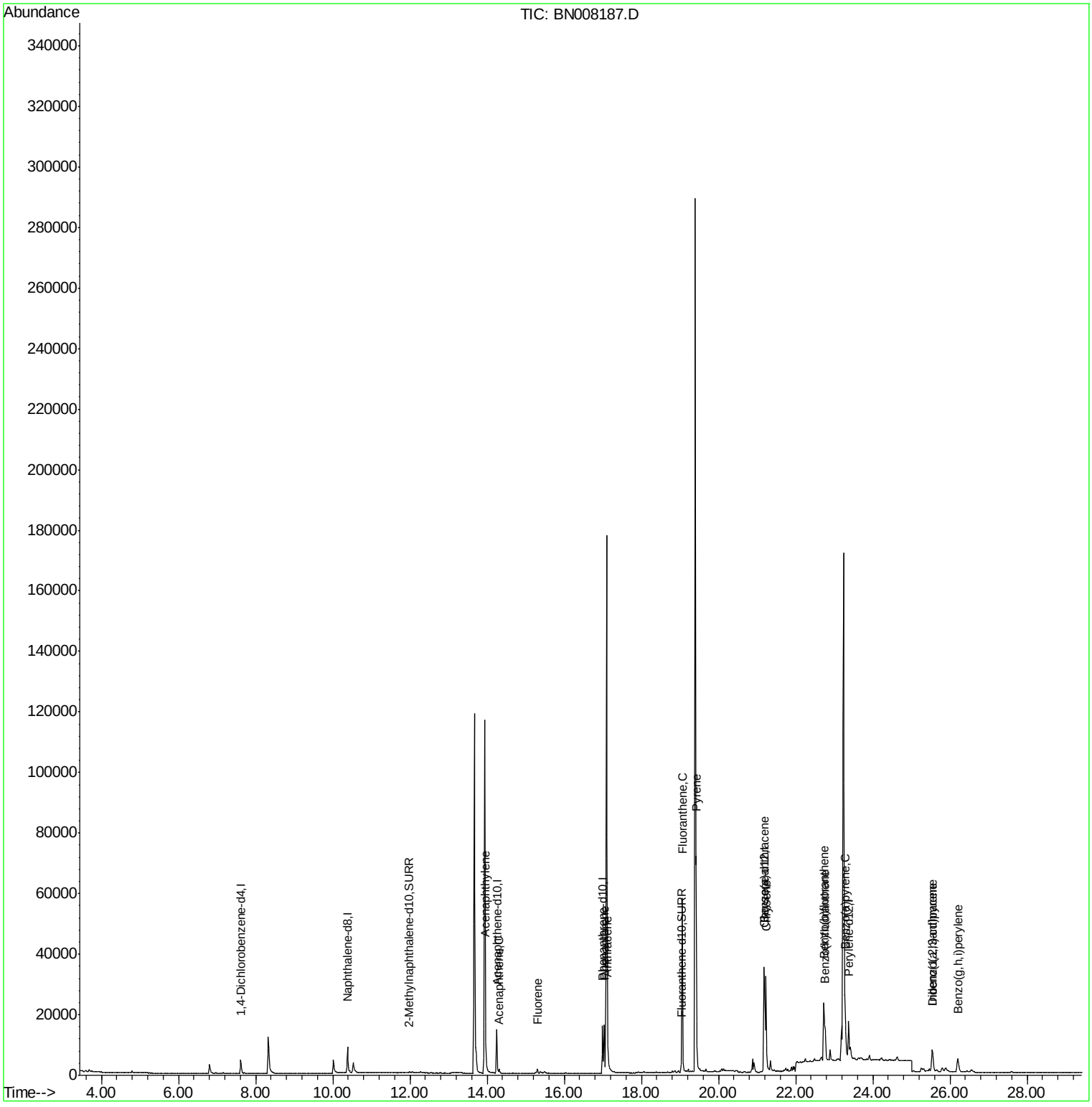

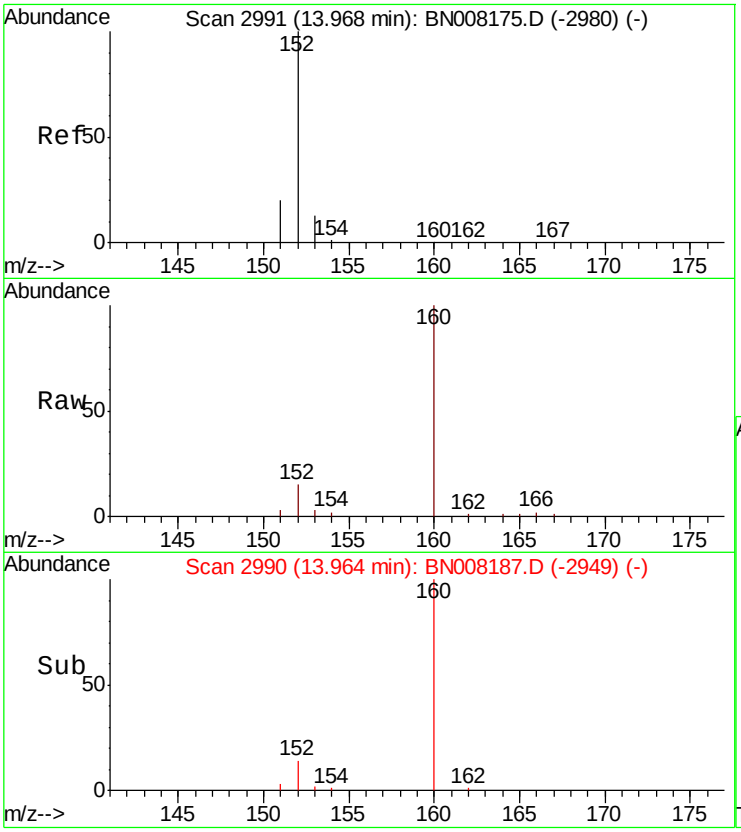

#7
Acenaphthylene
Concen: 0.056 ng/ul
RT: 13.96 min Scan# 2990
Delta R.T. -0.01 min
Lab File: BN008187.D
Acq: 15 Oct 2019 23:25

Tgt Ion:152 Resp: 2294

Ion	Ratio	Lower	Upper
152	100		
151	23.8	16.2	24.4
153	17.9	11.0	16.4#

Instrument :
BNA_N
ClientSampleId :
BEP84DL

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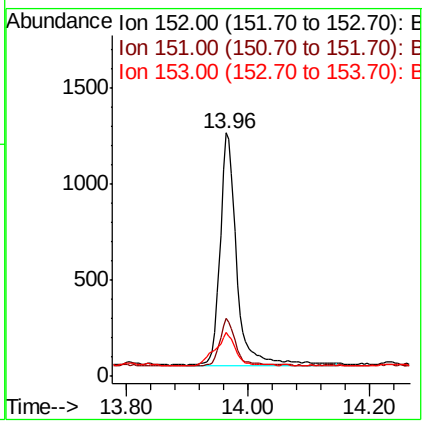
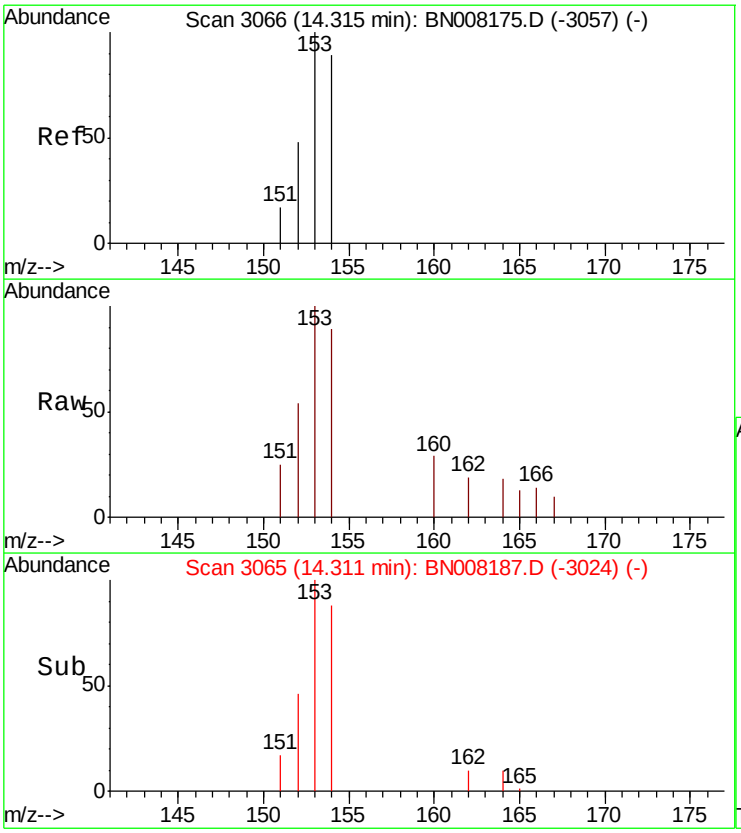
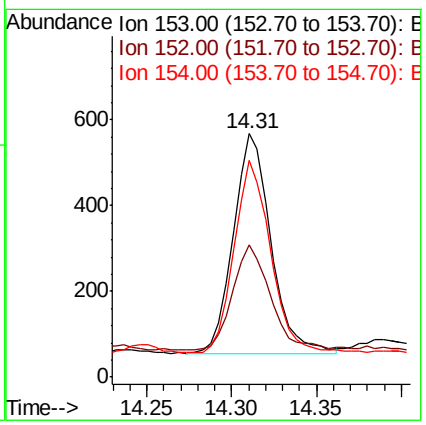


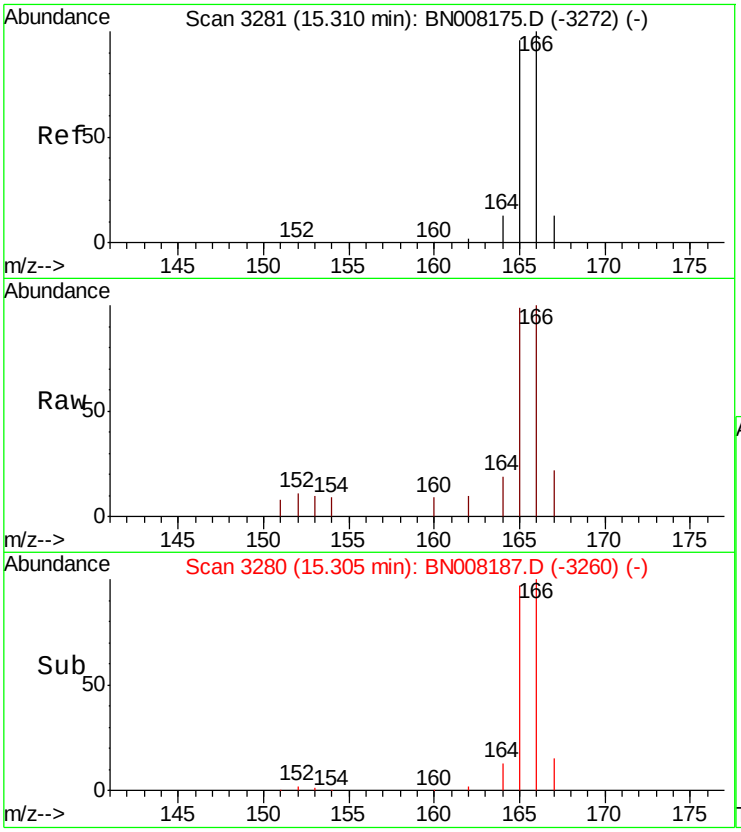


#8
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.31 min Scan# 3065
Delta R.T. -0.01 min
Lab File: BN008187.D
Acq: 15 Oct 2019 23:25

Tgt Ion:153 Resp: 783

Ion	Ratio	Lower	Upper
153	100		
152	54.0	38.2	57.2
154	89.1	71.8	107.8





#9
Fluorene
Concen: 0.028 ng/ul
RT: 15.31 min Scan# 3280
Delta R.T. -0.01 min
Lab File: BN008187.D
Acq: 15 Oct 2019 23:25

Tgt Ion:166 Resp: 1007

Ion	Ratio	Lower	Upper
166	100		
165	98.6	76.6	115.0
167	22.5	11.7	17.5#

Instrument :
BNA_N
ClientSampleId :
BEP84DL

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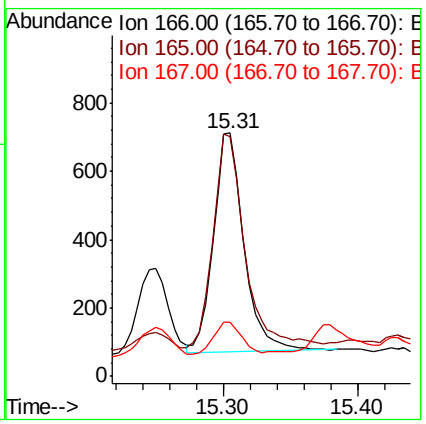
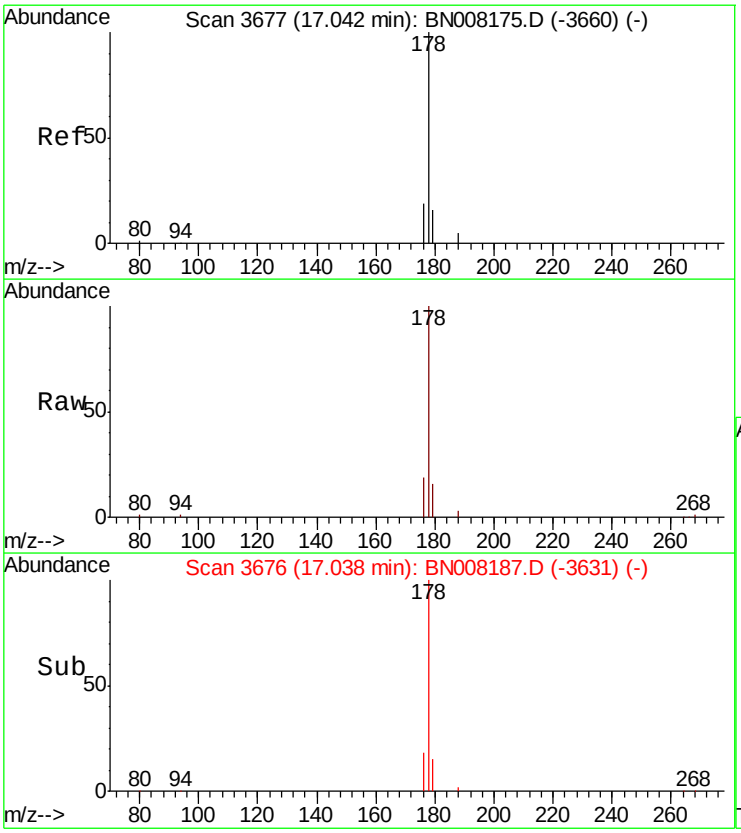
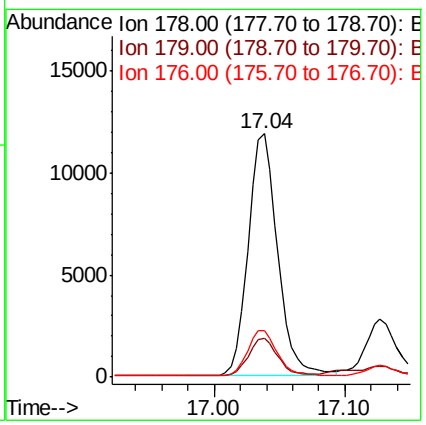


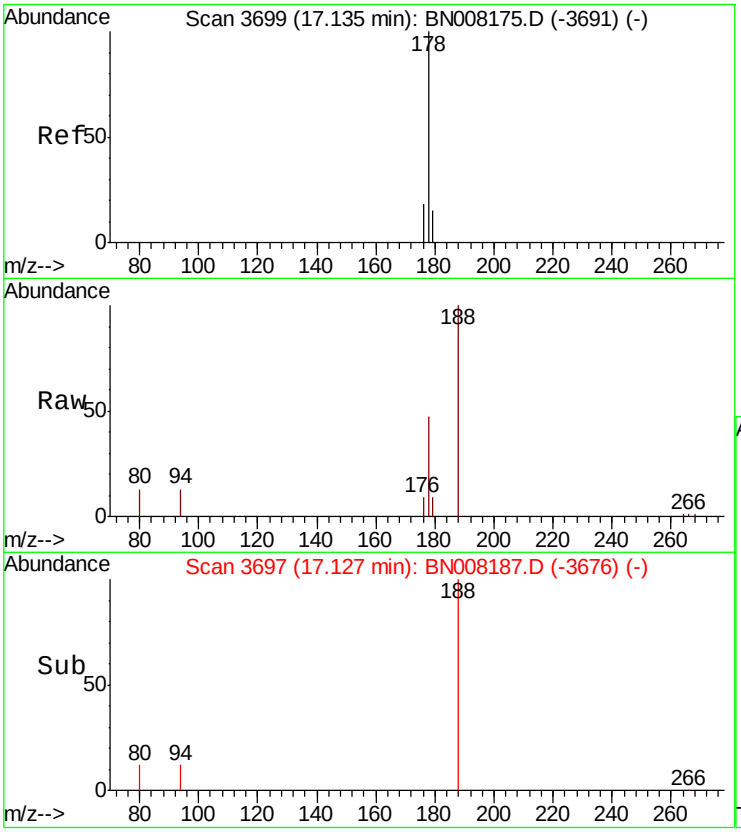


#12
Phenanthrene
Concen: 0.333 ng/ul
RT: 17.04 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BN008187.D
Acq: 15 Oct 2019 23:25

Tgt Ion:178 Resp: 18412

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2
176	18.9	15.4	23.2





#13
Anthracene
Concen: 0.084 ng/ul
RT: 17.13 min Scan# 3697
Delta R.T. -0.01 min
Lab File: BN008187.D
Acq: 15 Oct 2019 23:25

Tgt Ion:178 Resp: 4072

Ion	Ratio	Lower	Upper
178	100		
179	18.8	13.0	19.6
176	20.0	15.0	22.6

Instrument :
BNA_N
ClientSampleId :
BEP84DL

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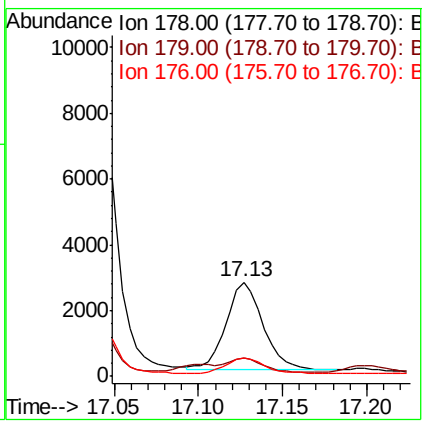
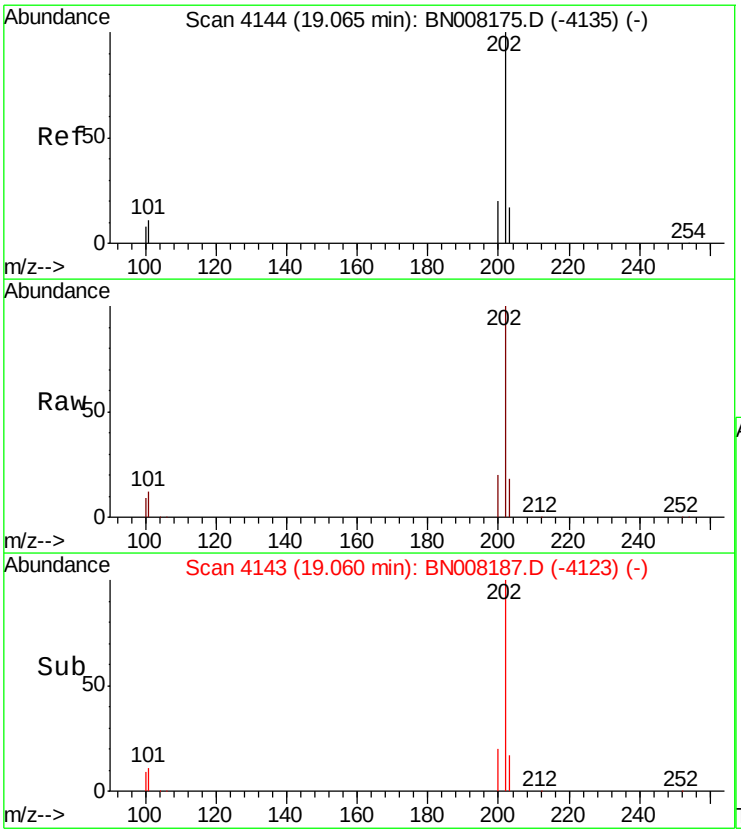
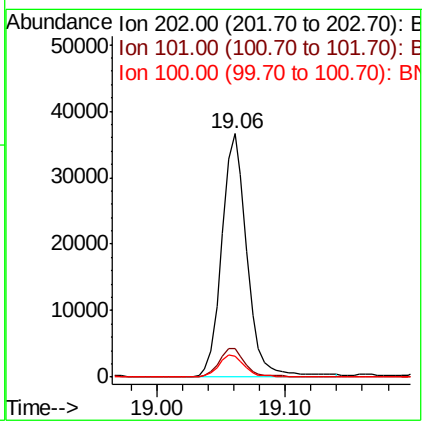


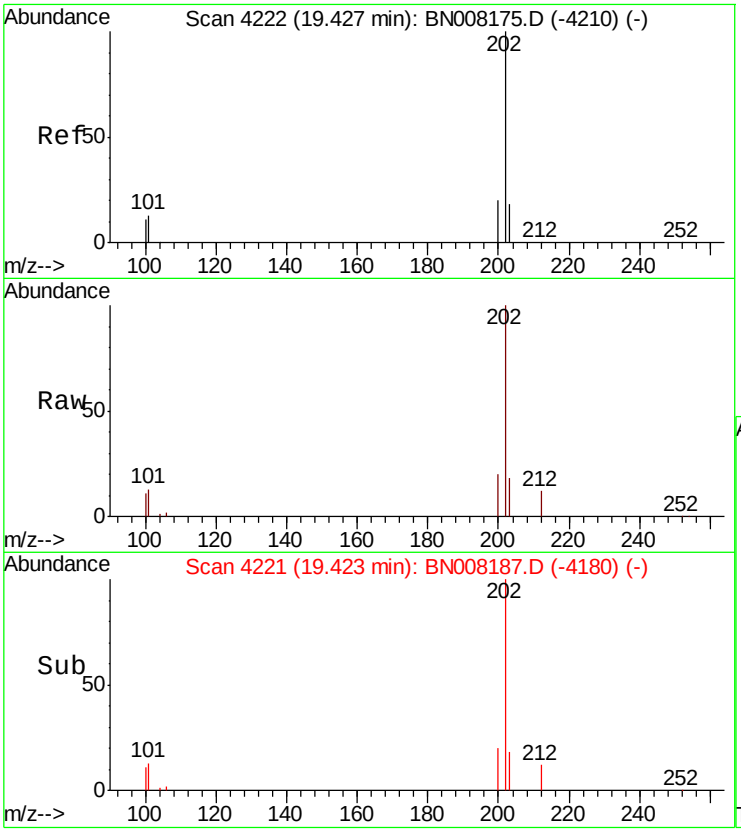


#15
Fluoranthene
Concen: 0.679 ng/ul
RT: 19.06 min Scan# 4143
Delta R.T. -0.01 min
Lab File: BN008187.D
Acq: 15 Oct 2019 23:25

Tgt Ion:202 Resp: 49640

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.2
100	8.8	0.0	28.5





#17
Pyrene
Concen: 0.735 ng/ul
RT: 19.42 min Scan# 4221
Delta R.T. -0.01 min
Lab File: BN008187.D
Acq: 15 Oct 2019 23:25

Tgt Ion:202 Resp: 53786

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.9	16.3
100	10.8	8.7	13.1

Instrument :
BNA_N
ClientSampleId :
BEP84DL

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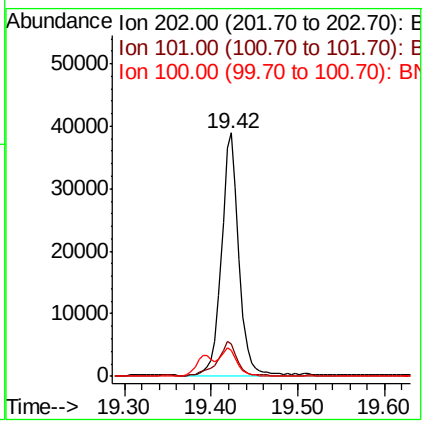
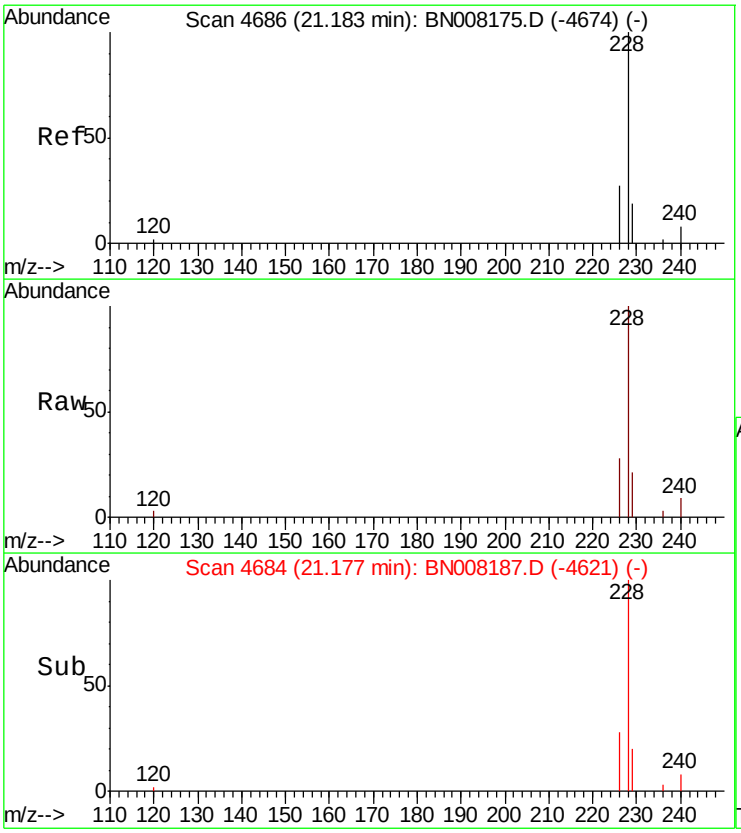
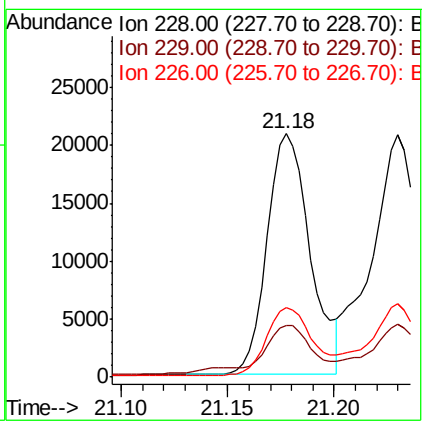


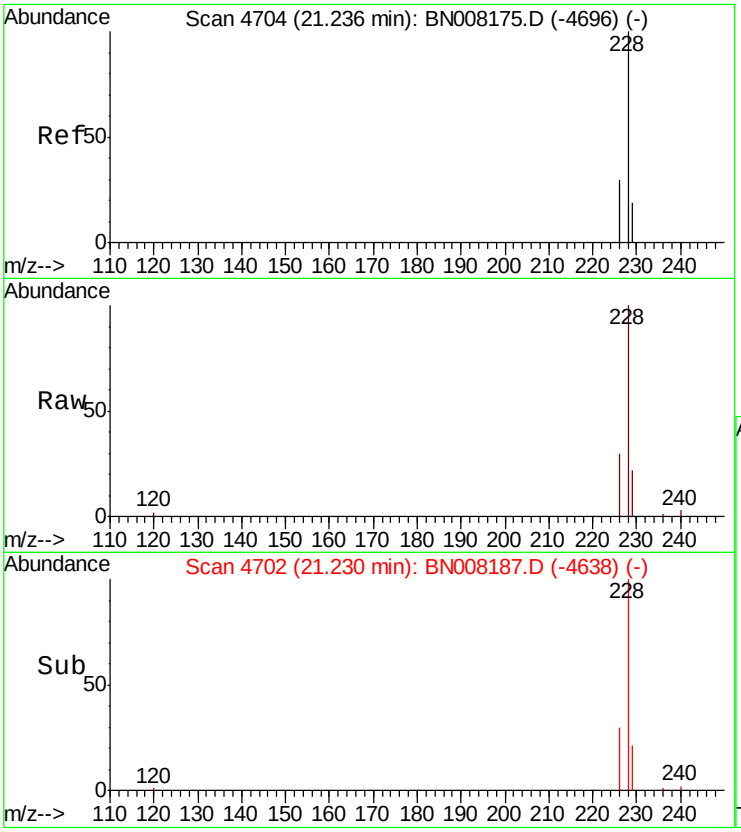


#18
Benzo(a)anthracene
Concen: 0.438 ng/ul
RT: 21.18 min Scan# 4684
Delta R.T. -0.01 min
Lab File: BN008187.D
Acq: 15 Oct 2019 23:25

Tgt Ion:228 Resp: 29266

Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.2	24.2
226	28.4	21.4	32.0





#19
Chrysene
Concen: 0.412 ng/ul
RT: 21.23 min Scan# 4702
Delta R.T. -0.01 min
Lab File: BN008187.D
Acq: 15 Oct 2019 23:25

Tgt Ion:228 Resp: 33771

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	21.7	16.2	24.2

Instrument :
BNA_N
ClientSampleId :
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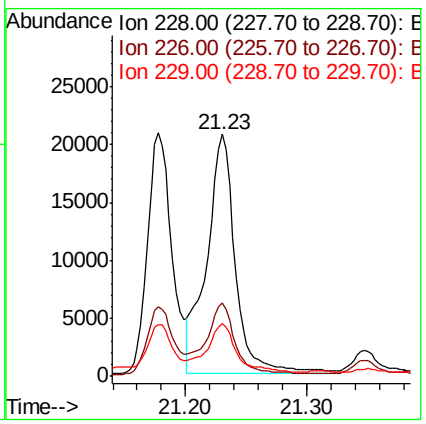
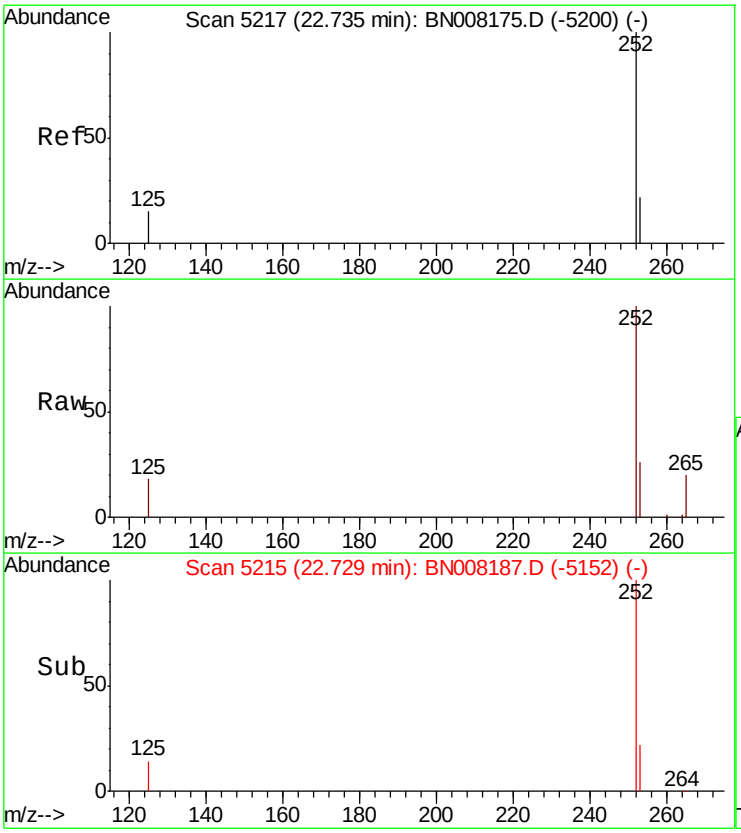
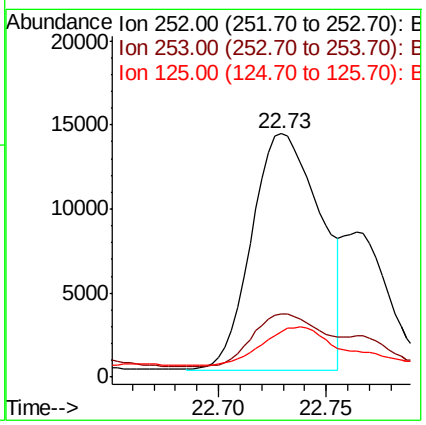


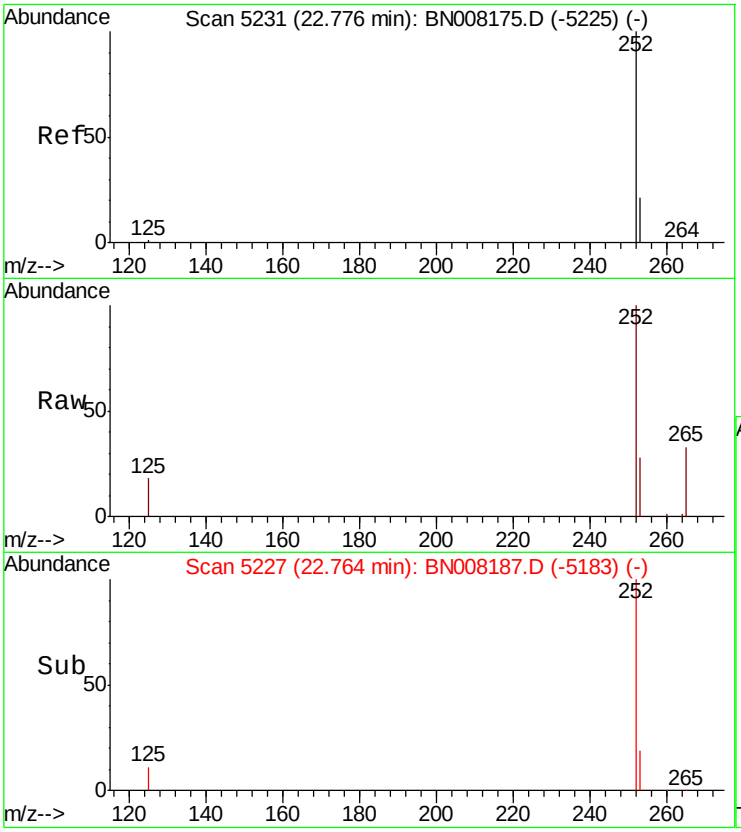


#21
Benzo(b)fluoranthene
Concen: 0.642 ng/ul m
RT: 22.73 min Scan# 5215
Delta R.T. -0.01 min
Lab File: BN008187.D
Acq: 15 Oct 2019 23:25

Tgt Ion:252 Resp: 31436

Ion	Ratio	Lower	Upper
252	100		
253	26.0	0.0	53.4
125	18.4	0.0	32.4

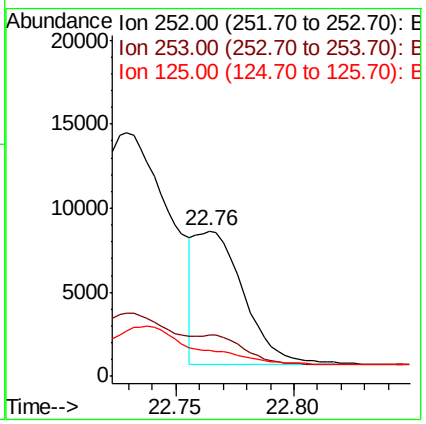




#22
Benzo(k)fluoranthene
Concen: 0.206 ng/ul m
RT: 22.76 min Scan# 5227
Delta R.T. -0.02 min
Lab File: BN008187.D
Acq: 15 Oct 2019 23:25

Tgt Ion:252 Resp: 11414

Ion	Ratio	Lower	Upper
252	100		
253	28.4	21.3	31.9
125	17.8	12.3	18.5



Instrument :
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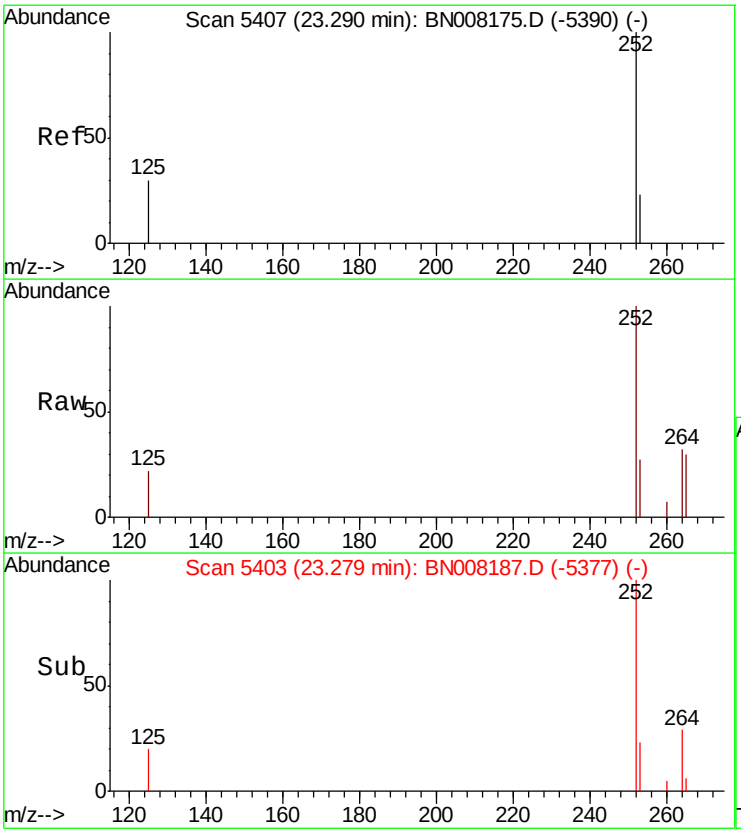
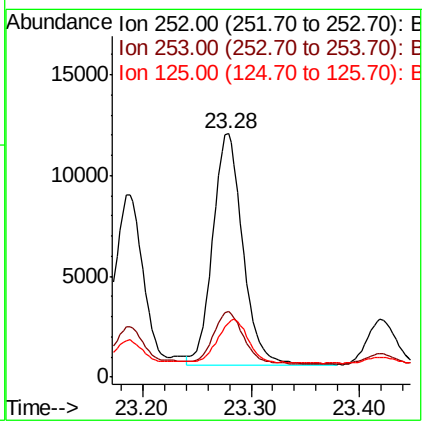
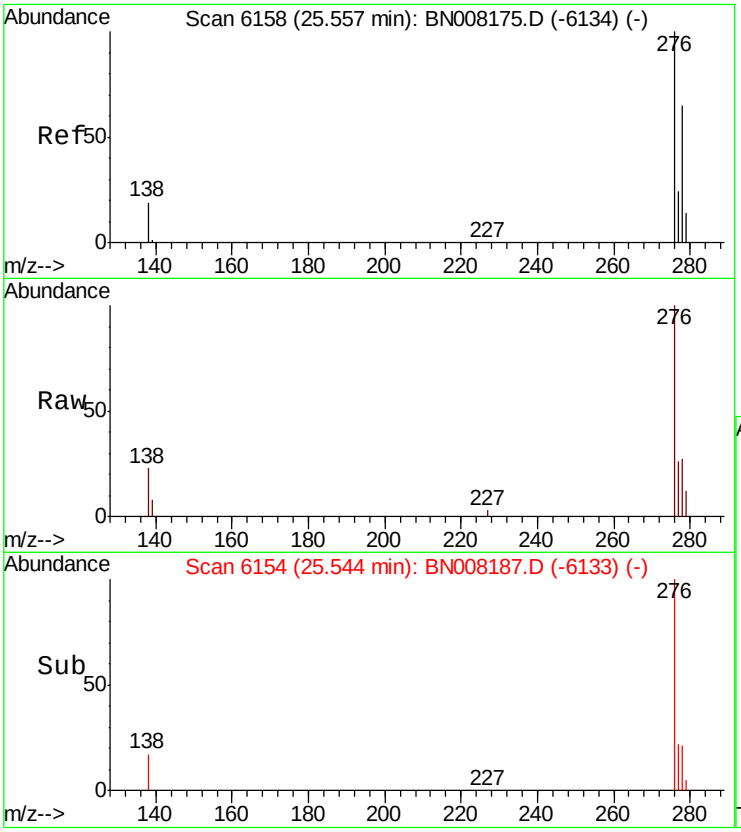


#23
Benzo(a)pyrene
Concen: 0.429 ng/ul
RT: 23.28 min Scan# 5403
Delta R.T. -0.02 min
Lab File: BN008187.D
Acq: 15 Oct 2019 23:25

Tgt Ion:252 Resp: 22121

Ion	Ratio	Lower	Upper
252	100		
253	27.0	22.8	34.2
125	22.4	18.4	27.6





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.206 ng/ul
RT: 25.54 min Scan# 6154
Delta R.T. -0.03 min
Lab File: BN008187.D
Acq: 15 Oct 2019 23:25

Tgt Ion:276 Resp: 12531

Ion	Ratio	Lower	Upper
276	100		
138	17.8	16.1	24.1
227	0.1	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
BEP84DL

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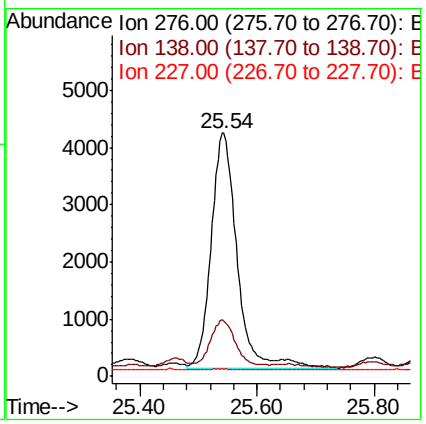
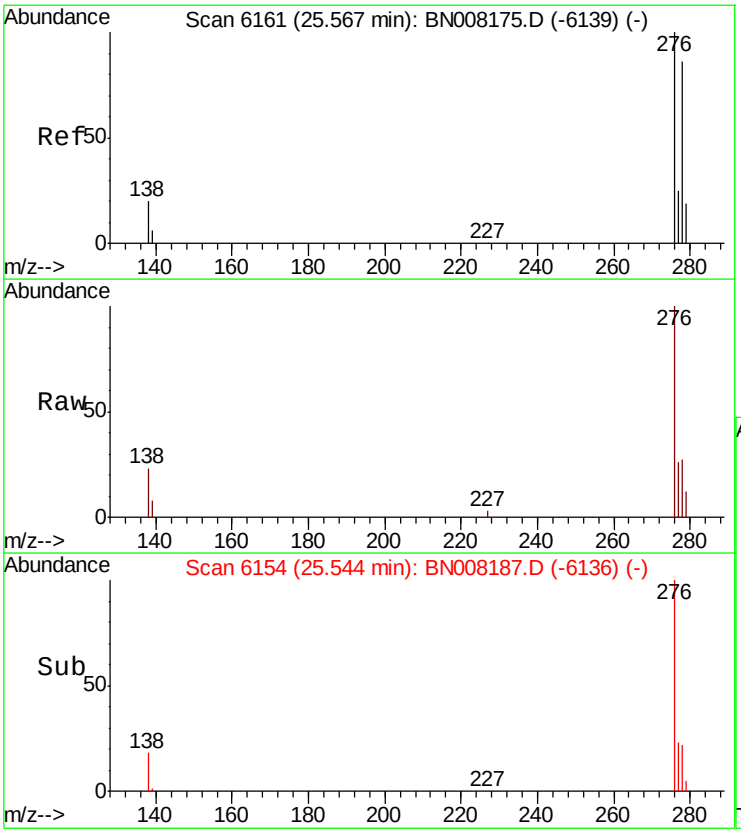
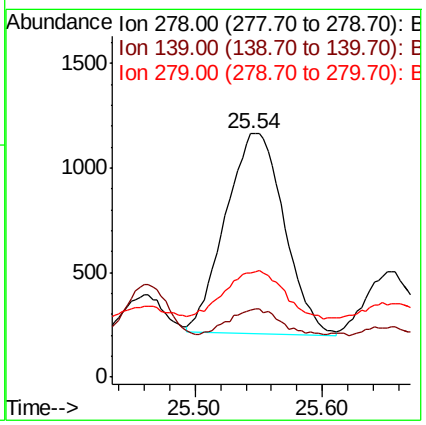


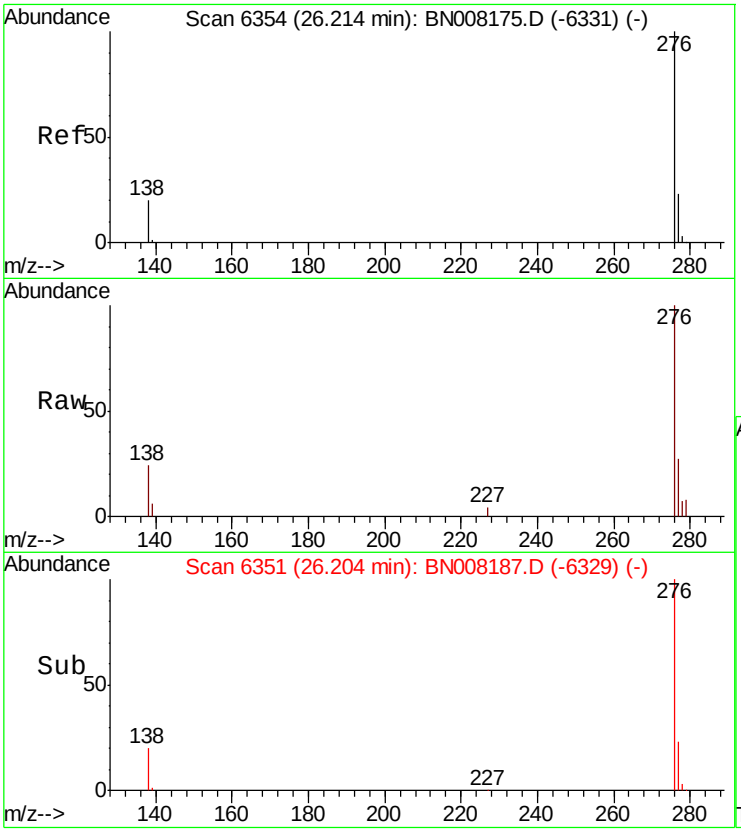


#25
Dibenzo(a,h)anthracene
Concen: 0.065 ng/ul
RT: 25.54 min Scan# 6154
Delta R.T. -0.04 min
Lab File: BN008187.D
Acq: 15 Oct 2019 23:25

Tgt Ion:278 Resp: 3099

Ion	Ratio	Lower	Upper
278	100		
139	27.6	15.0	22.6#
279	43.0	22.4	33.6#

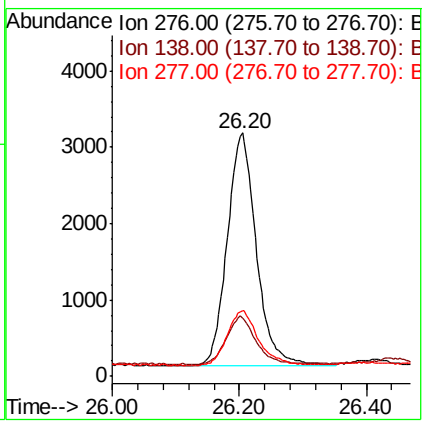




#26
Benzo(g,h,i)perylene
Concen: 0.175 ng/ul
RT: 26.20 min Scan# 6351
Delta R.T. -0.03 min
Lab File: BN008187.D
Acq: 15 Oct 2019 23:25

Tgt Ion:276 Resp: 9750

Ion	Ratio	Lower	Upper
276	100		
138	23.6	17.0	25.4
277	26.7	20.4	30.6



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