Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
Data File : BN012907.D
Acq On : 06 Dec 2020 08:17
Operator : CG/JU
Sample : L4864-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AZ6

Quant Time: Dec 07 02:18:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 02:16:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1036	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4117	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.06	164	2505	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5252	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4469	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	4650	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.77	152	685	0.11	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	1845	0.13	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	16.86	178	3142	0.178	ng/ul	99
13) Anthracene	16.95	178	485	0.032	ng/ul#	82
15) Fluoranthene	18.89	202	11724	0.560	ng/ul	97
17) Pyrene	19.25	202	11120	0.527	ng/ul	99
18) Benzo(a)anthracene	21.02	228	5330	0.288	ng/ul	98
19) Chrysene	21.07	228	7072	0.346	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	14700	0.683	ng/ul	94
22) Benzo(k)fluoranthene	22.52	252	14700	0.618	ng/ul	95
23) Benzo(a)pyrene	22.95	252	3105	0.156	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.20	276	4862	0.185	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.20	278	1058	0.051	ng/ul#	62
26) Benzo(g,h,i)perylene	25.82	276	4574	0.193	ng/ul	98

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

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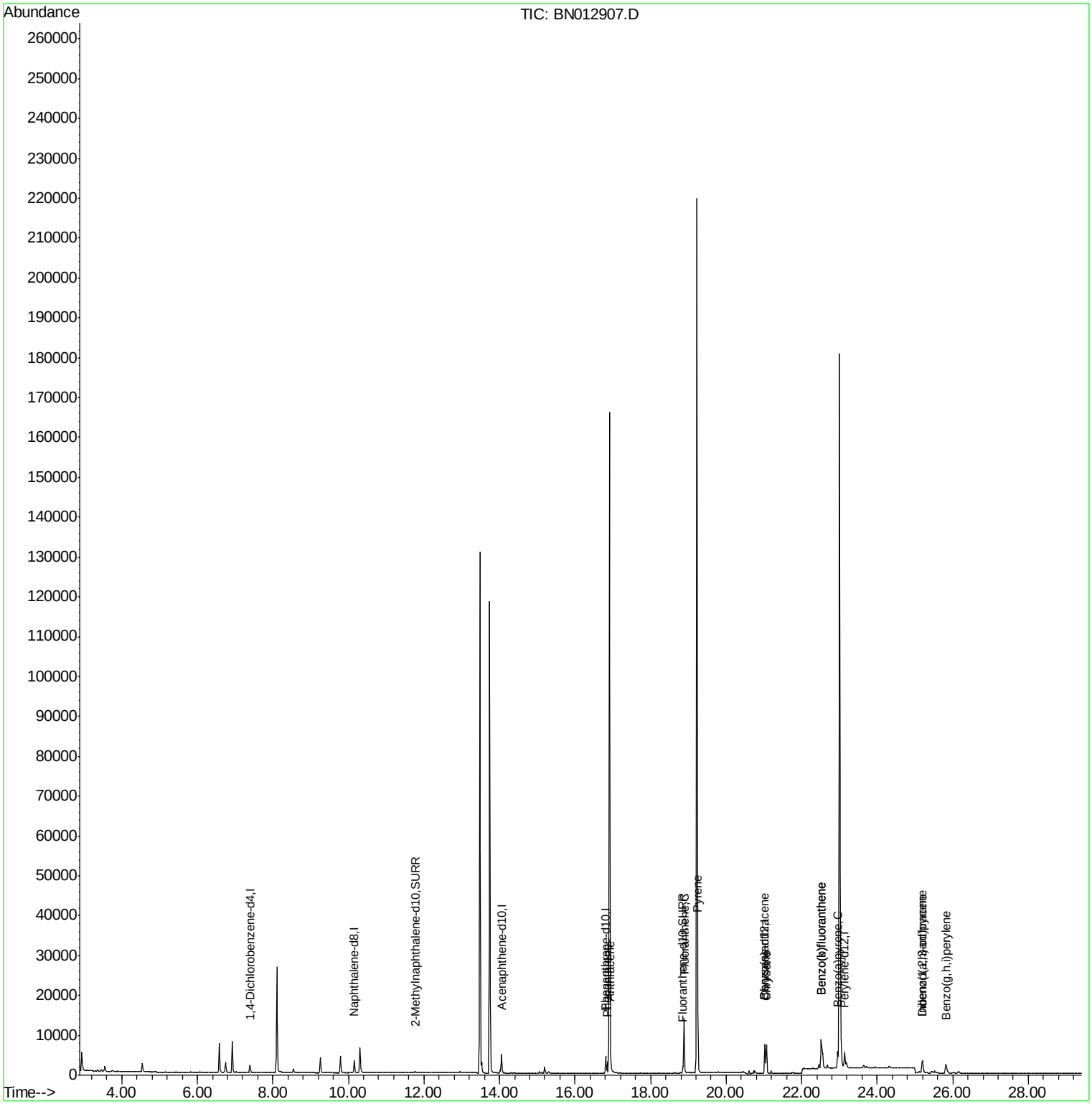
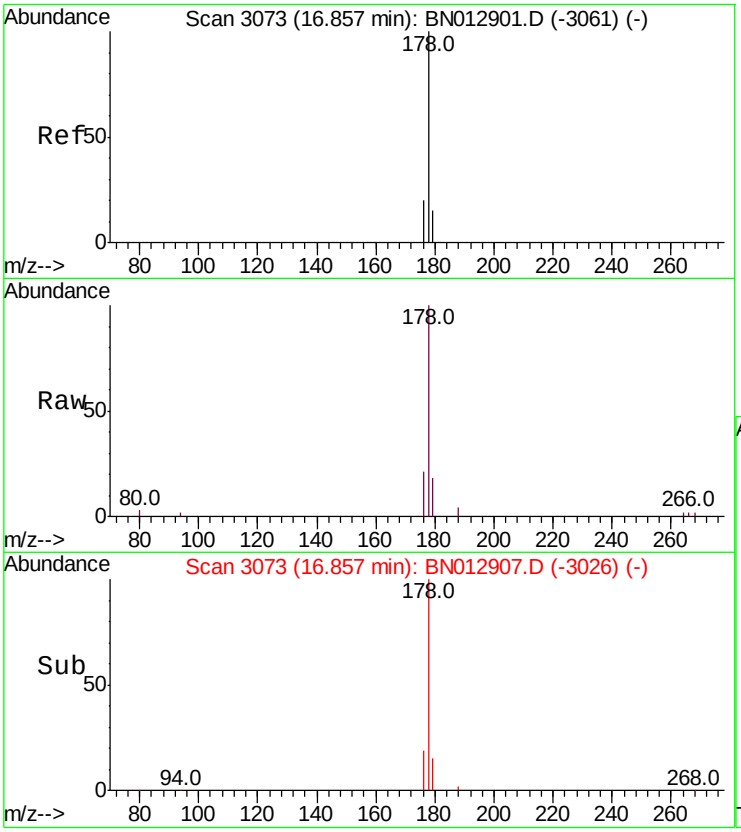


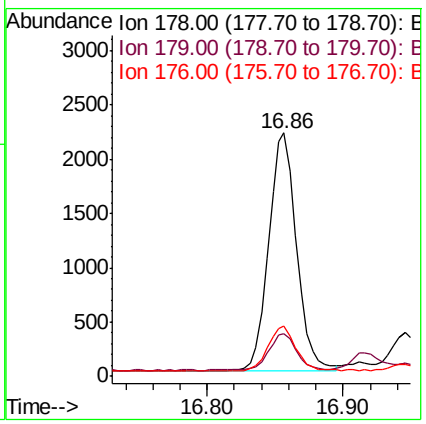


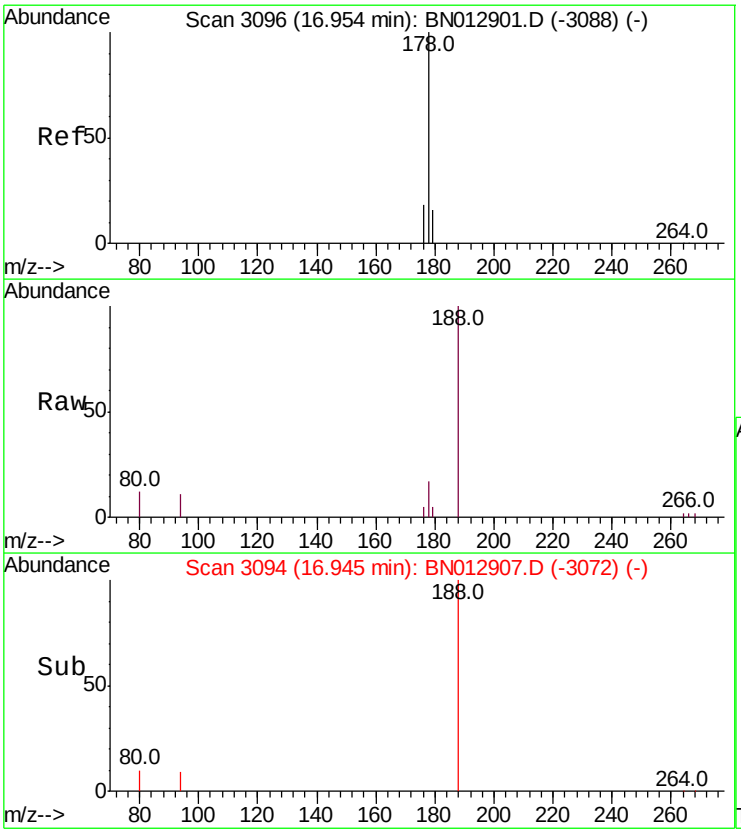
#12
Phenanthrene
Concen: 0.178 ng/ul
RT: 16.86 min Scan# 3073
Delta R.T. 0.00 min
Lab File: BN012907.D
Acq: 06 Dec 2020 08:17

Instrument :
BNA_N
ClientSampleId :
C0AZ6

Tgt Ion:178 Resp: 3142

Ion	Ratio	Lower	Upper
178	100		
179	17.5	13.6	20.4
176	20.9	16.4	24.6

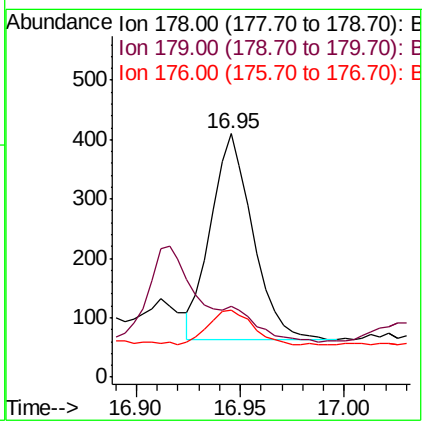


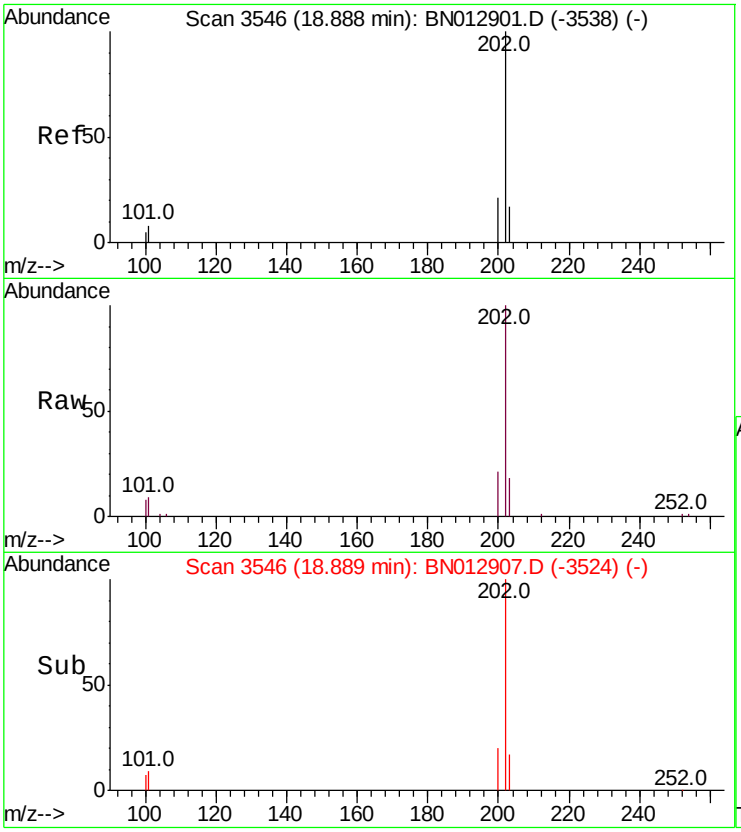


#13
Anthracene
Concen: 0.032 ng/ul
RT: 16.95 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BN012907.D
Acq: 06 Dec 2020 08:17

Tgt Ion:178 Resp: 485

Ion	Ratio	Lower	Upper
178	100		
179	29.0	14.6	21.8#
176	27.3	17.1	25.7#



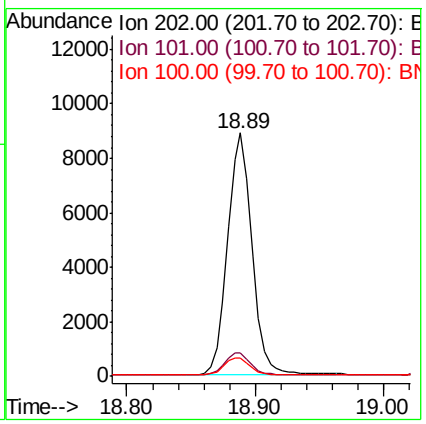


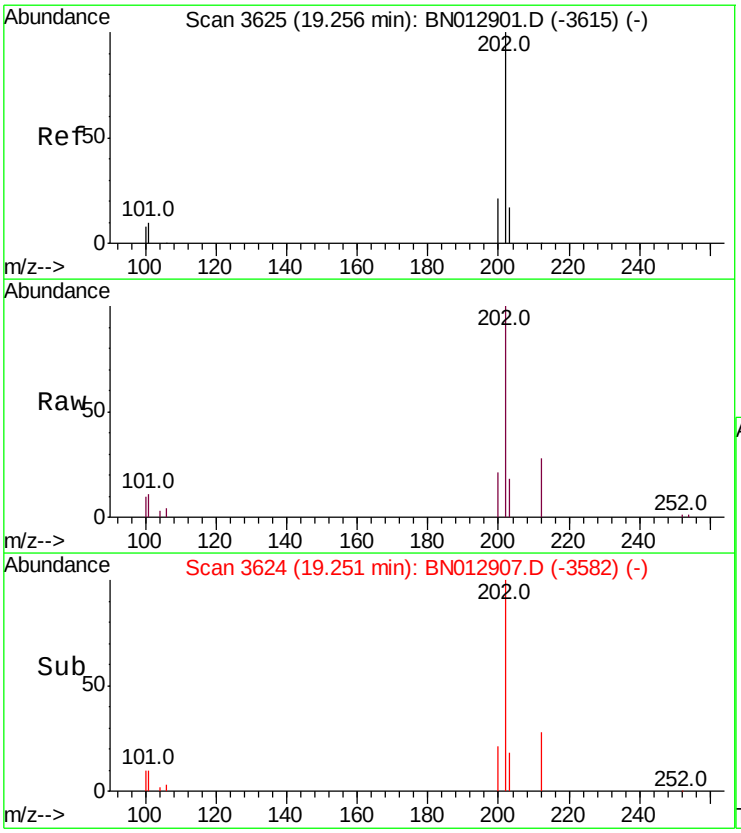
#15
Fluoranthene
Concen: 0.560 ng/ul
RT: 18.89 min Scan# 3546
Delta R.T. 0.00 min
Lab File: BN012907.D
Acq: 06 Dec 2020 08:17

Instrument :
BNA_N
ClientSampleId :
C0AZ6

Tgt Ion:202 Resp: 11724

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.6
100	7.5	0.0	28.7

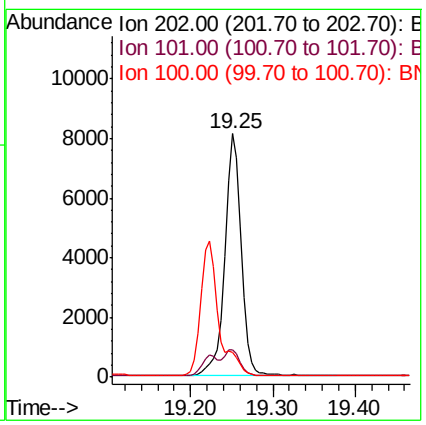


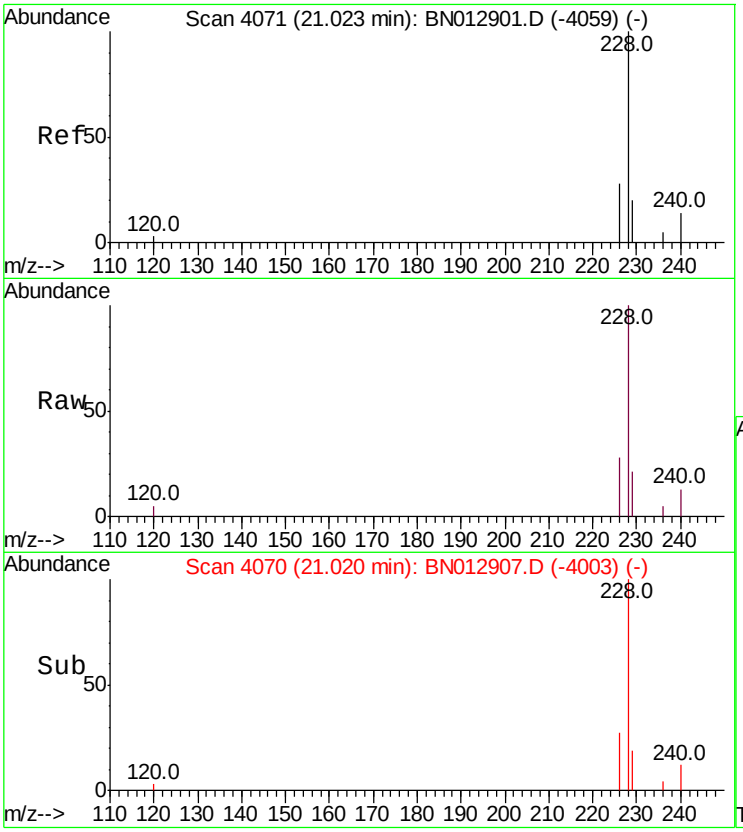


#17
Pyrene
Concen: 0.527 ng/ul
RT: 19.25 min Scan# 3624
Delta R.T. -0.00 min
Lab File: BN012907.D
Acq: 06 Dec 2020 08:17

Tgt Ion:202 Resp: 11120

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.1	13.7
100	10.3	7.5	11.3



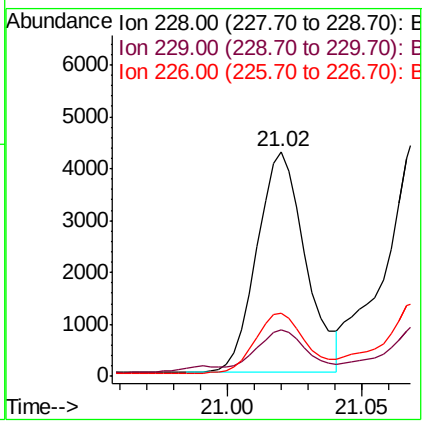


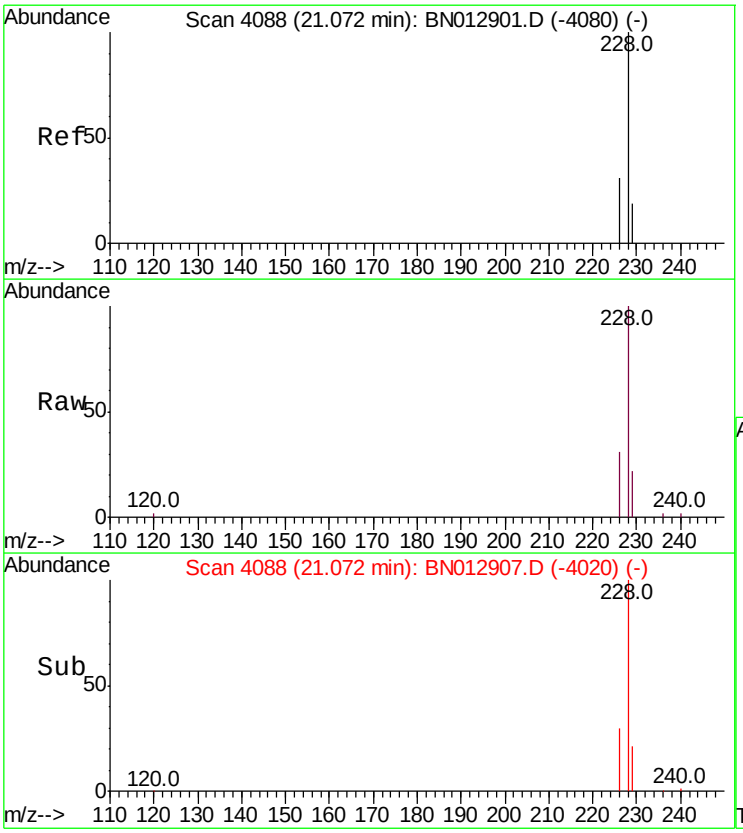
#18
Benzo(a)anthracene
Concen: 0.288 ng/ul
RT: 21.02 min Scan# 4070
Delta R.T. -0.00 min
Lab File: BN012907.D
Acq: 06 Dec 2020 08:17

Instrument :
BNA_N
ClientSampleId :
C0AZ6

Tgt Ion:228 Resp: 5330

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.3	24.5
226	28.0	23.4	35.2

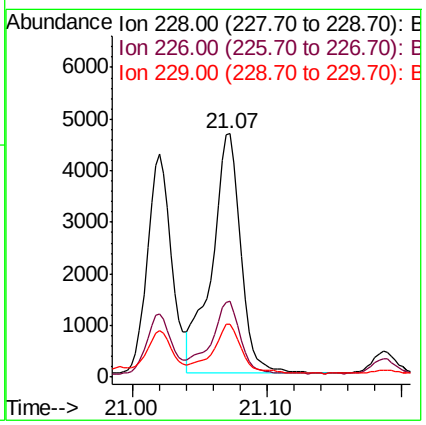


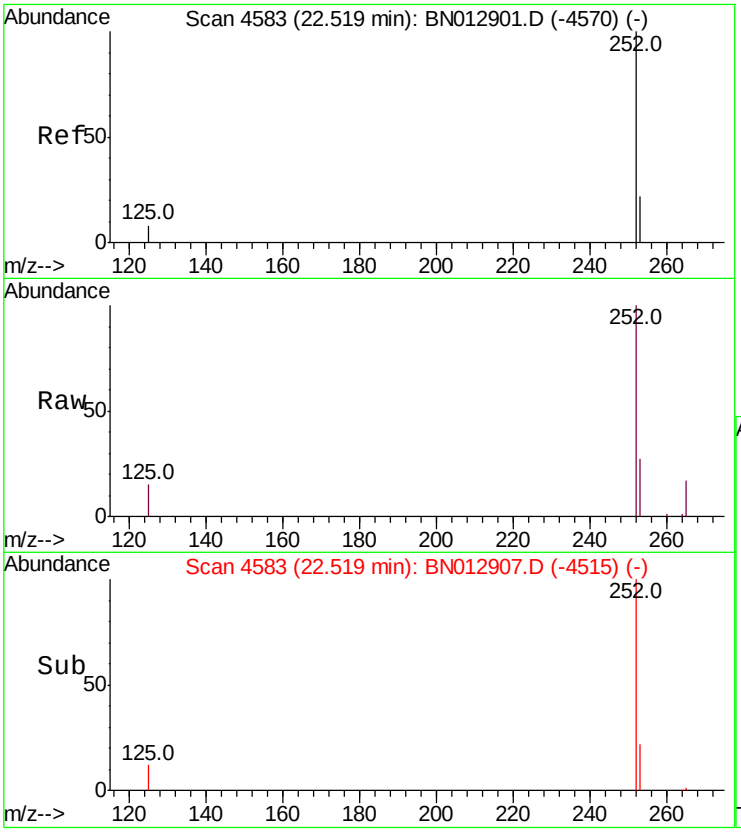


#19
Chrysene
Concen: 0.346 ng/ul
RT: 21.07 min Scan# 4088
Delta R.T. 0.00 min
Lab File: BN012907.D
Acq: 06 Dec 2020 08:17

Tgt Ion:228 Resp: 7072

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	21.7	16.4	24.6



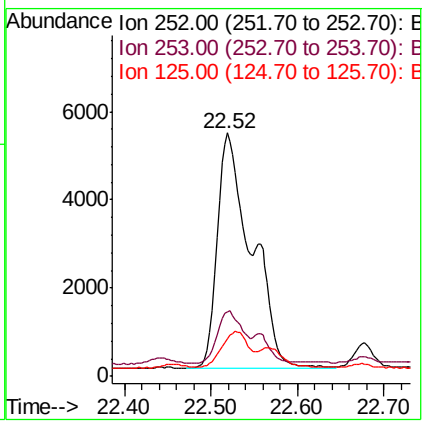


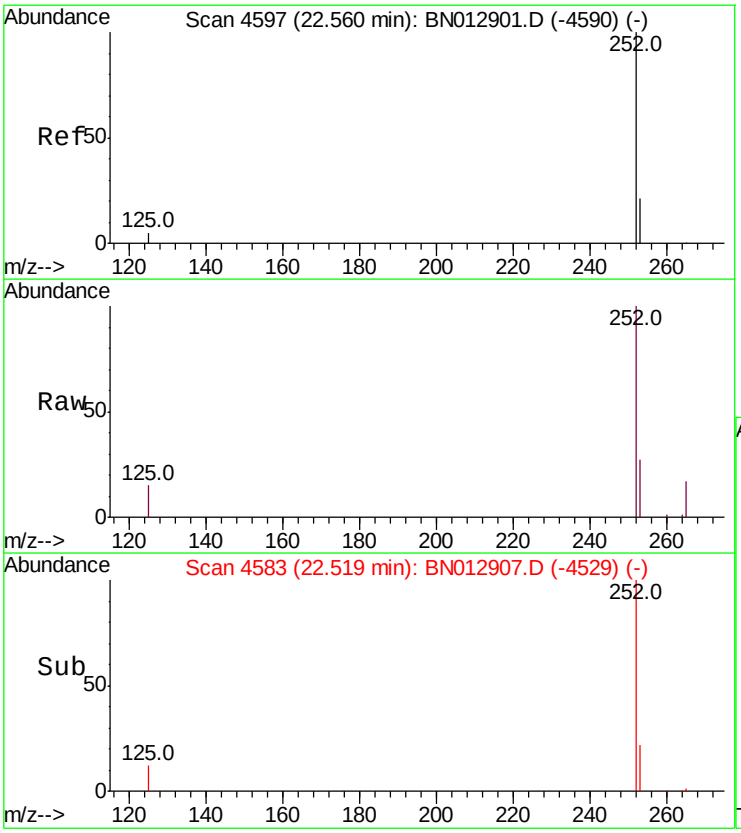
#21
Benzo(b)fluoranthene
Concen: 0.683 ng/ul
RT: 22.52 min Scan# 4583
Delta R.T. 0.00 min
Lab File: BN012907.D
Acq: 06 Dec 2020 08:17

Instrument :
BNA_N
ClientSampleId :
C0AZ6

Tgt Ion:252 Resp: 14700

Ion	Ratio	Lower	Upper
252	100		
253	26.6	0.0	59.6
125	15.4	0.0	26.0

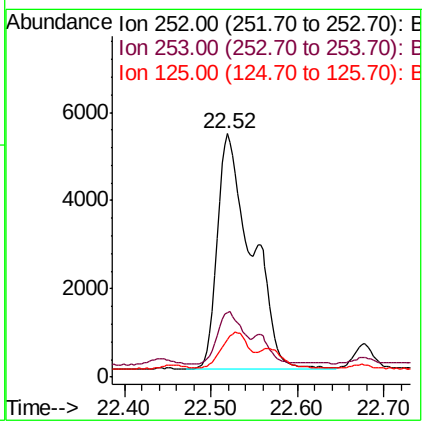


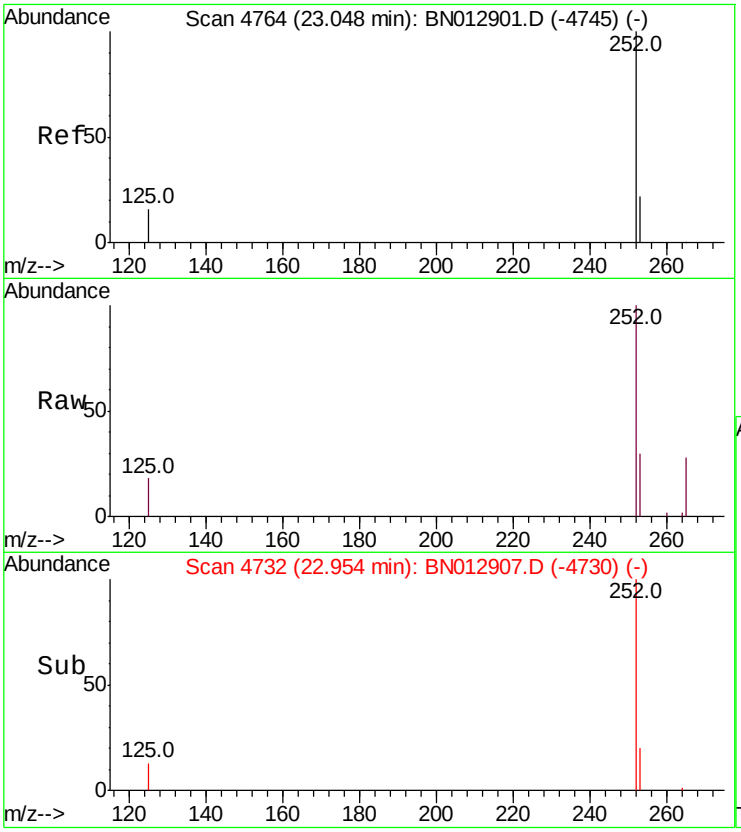


#22
Benzo(k)fluoranthene
Concen: 0.618 ng/ul
RT: 22.52 min Scan# 4583
Delta R.T. -0.04 min
Lab File: BN012907.D
Acq: 06 Dec 2020 08:17

Tgt Ion:252 Resp: 14700

Ion	Ratio	Lower	Upper
252	100		
253	26.6	23.4	35.2
125	15.4	11.1	16.7



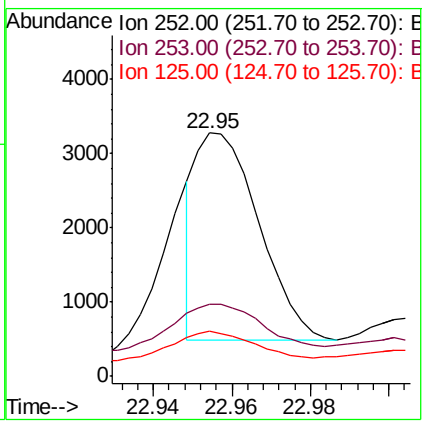


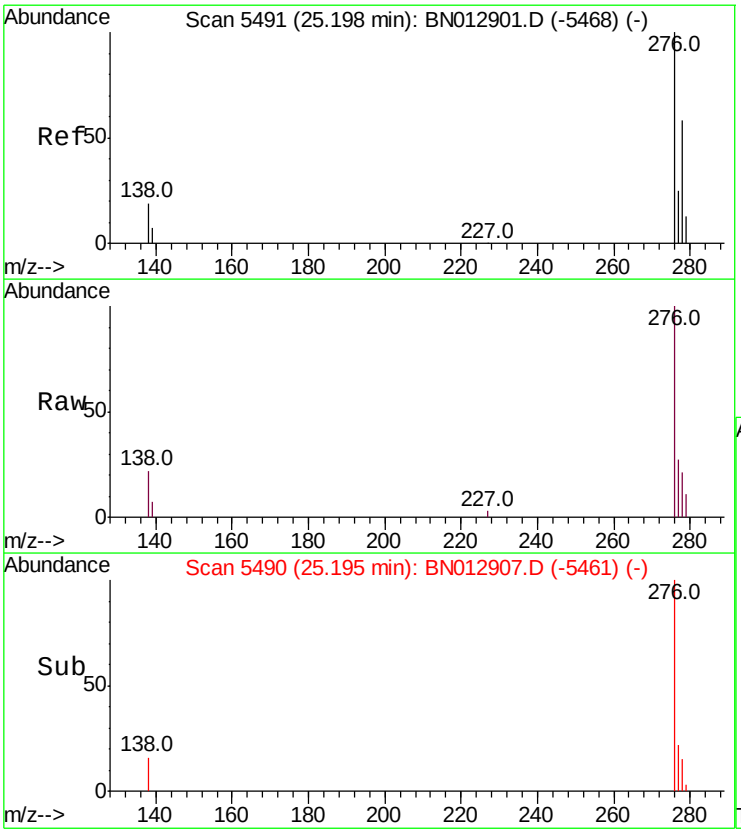
#23
Benzo(a)pyrene
Concen: 0.156 ng/ul
RT: 22.95 min Scan# 4732
Delta R.T. -0.09 min
Lab File: BN012907.D
Acq: 06 Dec 2020 08:17

Instrument :
BNA_N
ClientSampleId :
C0AZ6

Tgt Ion:252 Resp: 3105

Ion	Ratio	Lower	Upper
252	100		
253	29.8	26.5	39.7
125	18.3	14.2	21.2

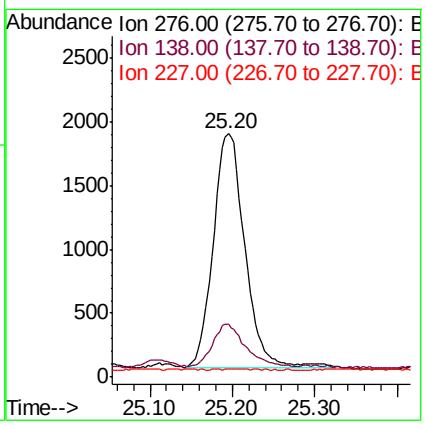


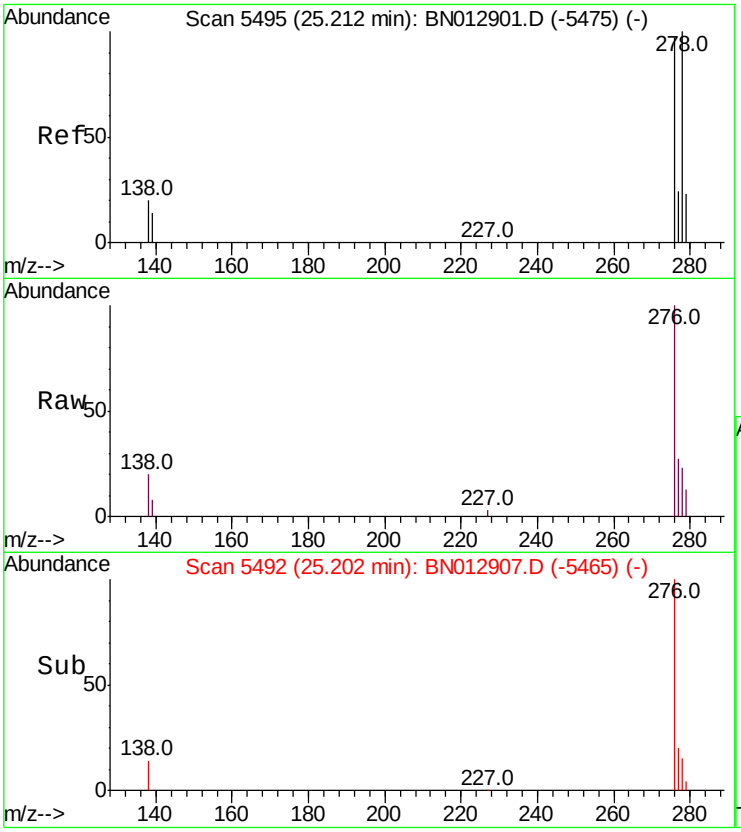


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.185 ng/ul
RT: 25.20 min Scan# 5490
Delta R.T. -0.00 min
Lab File: BN012907.D
Acq: 06 Dec 2020 08:17

Tgt Ion:276 Resp: 4862

Ion	Ratio	Lower	Upper
276	100		
138	19.1	16.2	24.2
227	0.1	0.0	0.0#



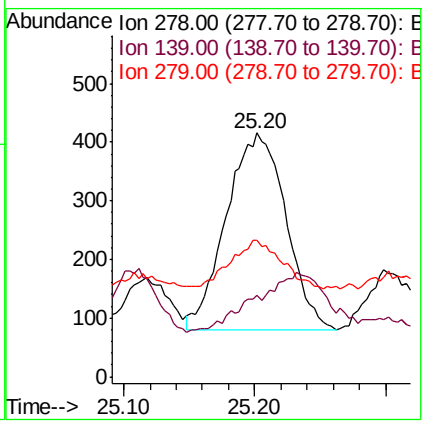


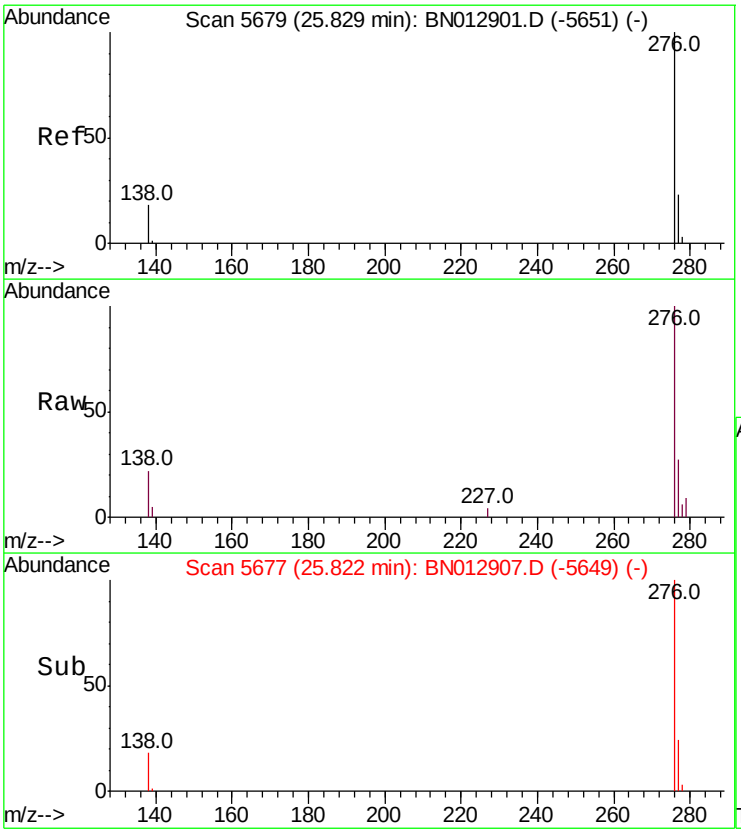
#25
Dibenzo(a,h)anthracene
Concen: 0.051 ng/ul
RT: 25.20 min Scan# 5492
Delta R.T. -0.01 min
Lab File: BN012907.D
Acq: 06 Dec 2020 08:17

Instrument :
BNA_N
ClientSampleId :
C0AZ6

Tgt Ion:278 Resp: 1058

Ion	Ratio	Lower	Upper
278	100		
139	33.4	14.5	21.7#
279	55.8	26.3	39.5#





#26
Benzo(g,h,i)perylene
Concen: 0.193 ng/ul
RT: 25.82 min Scan# 5677
Delta R.T. -0.01 min
Lab File: BN012907.D
Acq: 06 Dec 2020 08:17

Tgt Ion:276 Resp: 4574

Ion	Ratio	Lower	Upper
276	100		
138	22.3	16.3	24.5
277	27.5	21.8	32.6