Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
Data File : BN006255.D
Acq On : 11 Jun 2019 20:22
Operator : JU/SJ
Sample : K3083-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jun 12 01:12:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	6312	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	25085	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	12773	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	1005670	0.40	ng/ul	0.10
16) Chrysene-d12	21.38	240	32	0.40	ng/ul	0.12
20) Perylene-d12	23.50	264	21526	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	7177	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.18	212	144	0.00	ng/ul	0.09
Target Compounds						Qvalue
7) Acenaphthylene	14.01	152	6847	0.096	ng/ul	96
8) Acenaphthene	14.36	153	2410	0.049	ng/ul	98
9) Fluorene	15.35	166	3985	0.069	ng/ul#	95
17) Pyrene	19.49	202	496902	2947.965	ng/ul	100
18) Benzo(a)anthracene	21.30	228	285689	2018.555	ng/ul	97
19) Chrysene	21.30	228	282493	2126.147	ng/ul	99
21) Benzo(b)fluoranthene	22.83	252	537206	5.985	ng/ul	91
22) Benzo(k)fluoranthene	22.83	252	537206	6.145	ng/ul	94
23) Benzo(a)pyrene	23.40	252	226816	2.713	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.73	276	204298	2.258	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.73	278	43272	0.598	ng/ul	98
26) Benzo(g,h,i)perylene	26.41	276	174156	2.298	ng/ul	94

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

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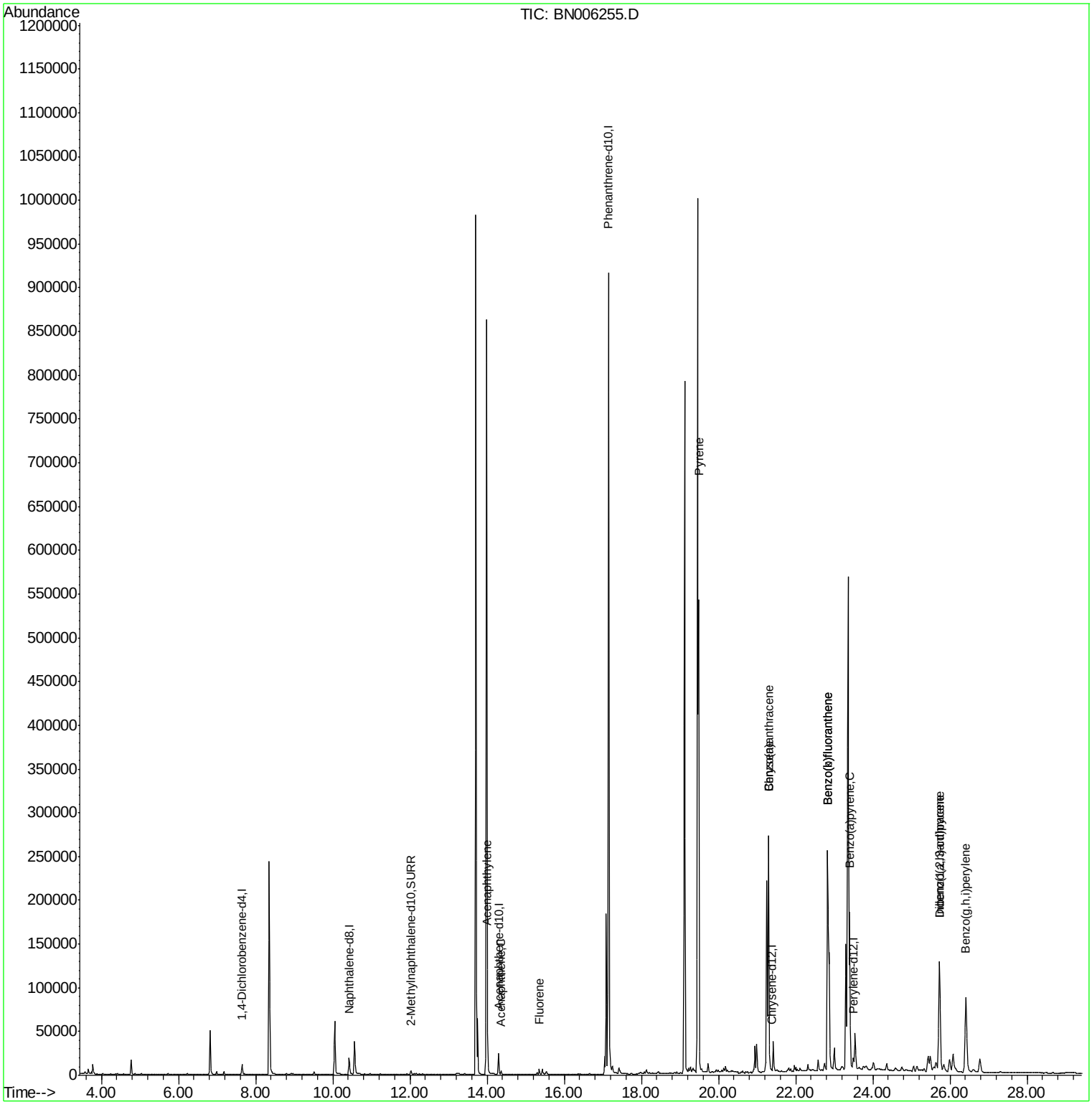
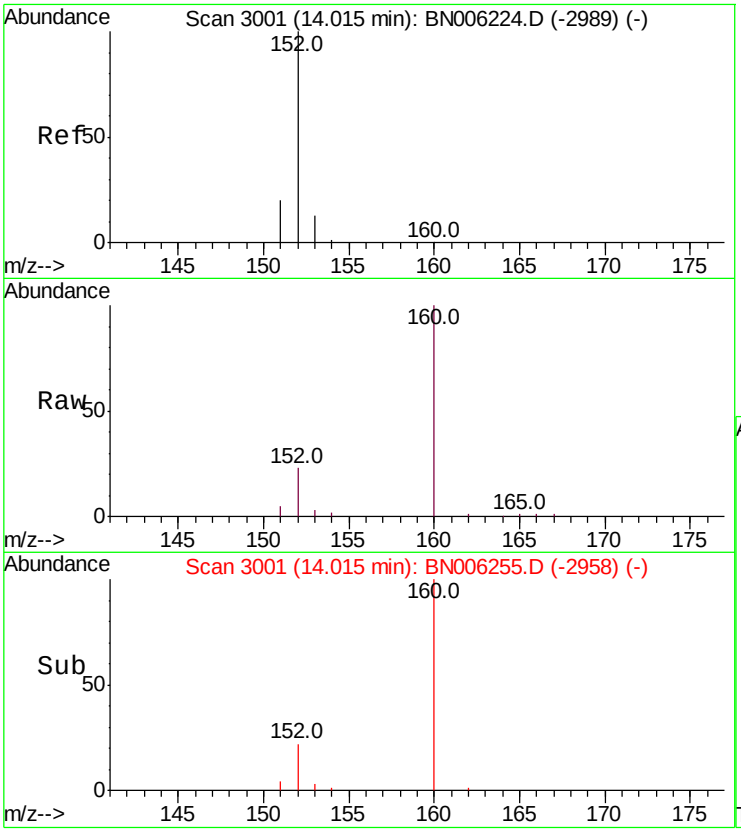


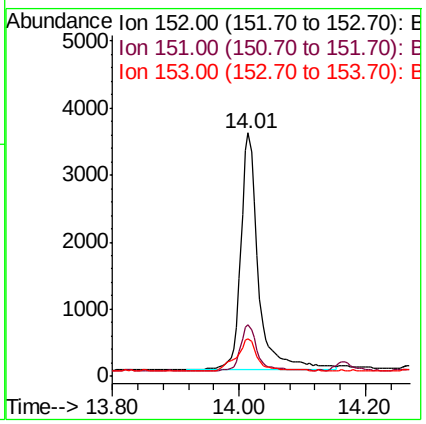


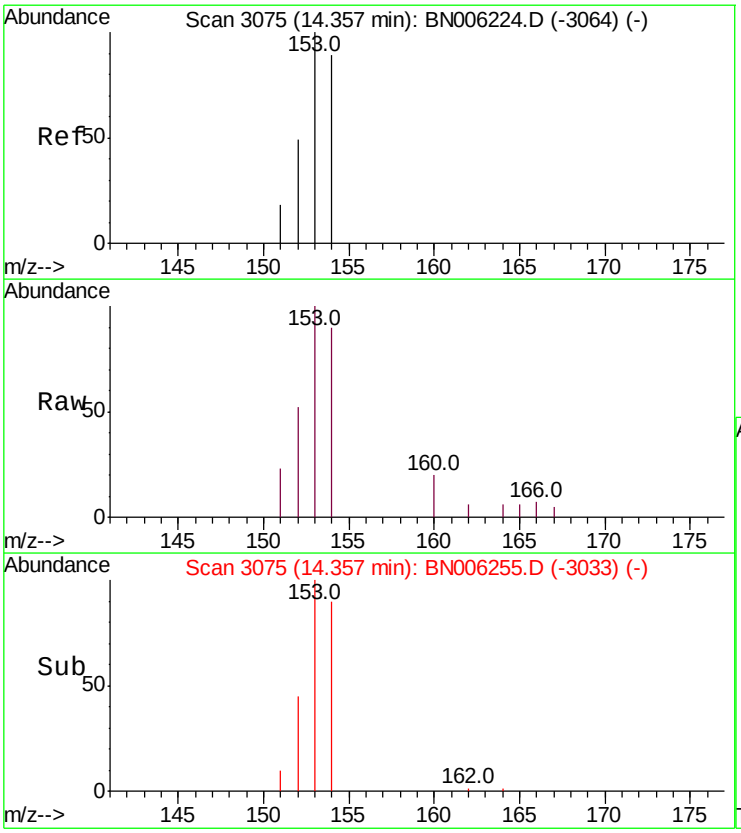
#7
Acenaphthylene
Concen: 0.096 ng/ul
RT: 14.01 min Scan# 3001
Delta R.T. 0.00 min
Lab File: BN006255.D
Acq: 11 Jun 2019 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6847

Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.8	23.8
153	15.2	10.8	16.2

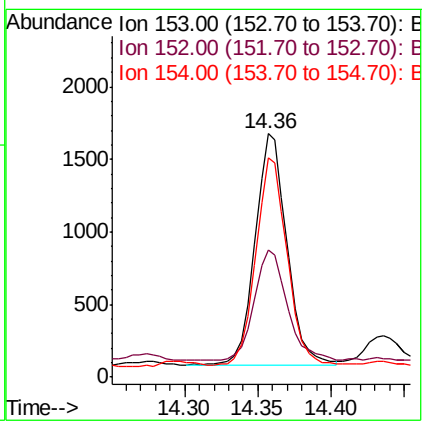


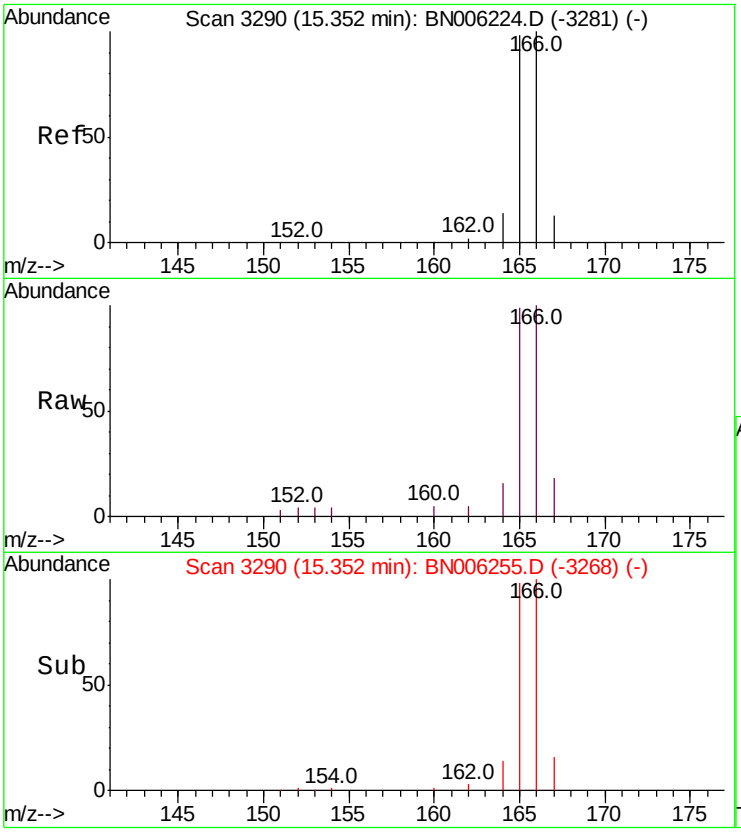


#8
Acenaphthene
Concen: 0.049 ng/ul
RT: 14.36 min Scan# 3075
Delta R.T. -0.00 min
Lab File: BN006255.D
Acq: 11 Jun 2019 20:22

Tgt Ion:153 Resp: 2410

Ion	Ratio	Lower	Upper
153	100		
152	52.3	39.1	58.7
154	89.9	71.1	106.7



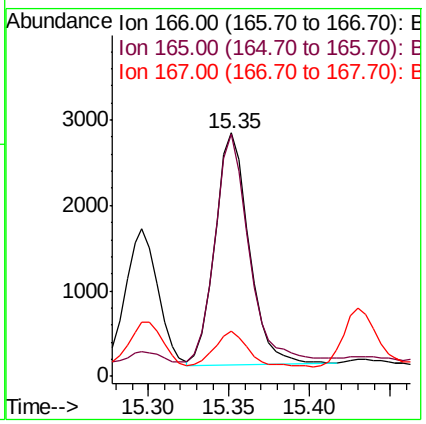


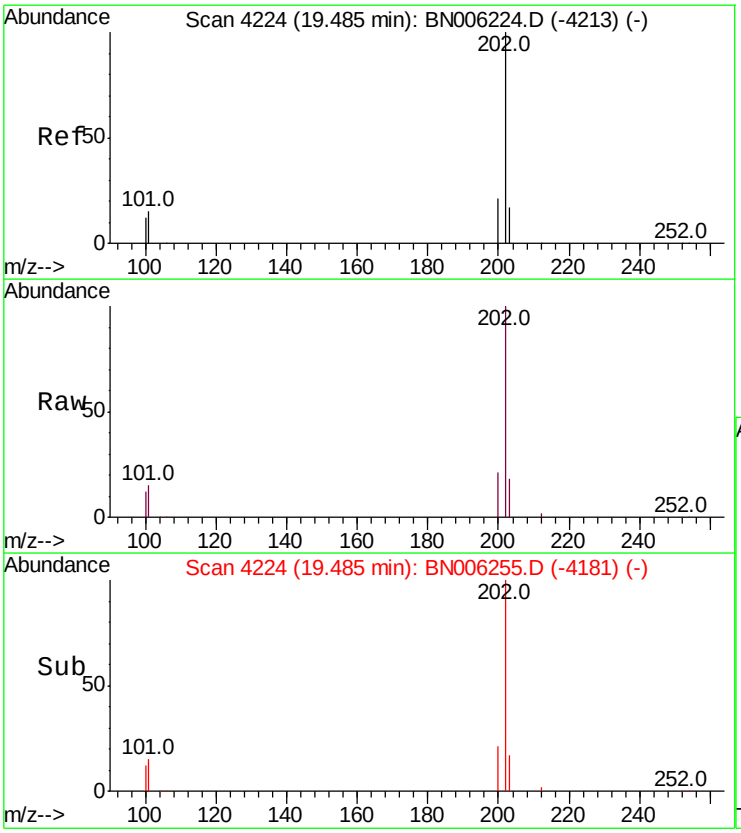
#9
Fluorene
Concen: 0.069 ng/ul
RT: 15.35 min Scan# 3290
Delta R.T. 0.00 min
Lab File: BN006255.D
Acq: 11 Jun 2019 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 3985

Ion	Ratio	Lower	Upper
166	100		
165	99.3	76.4	114.6
167	18.4	11.0	16.6#

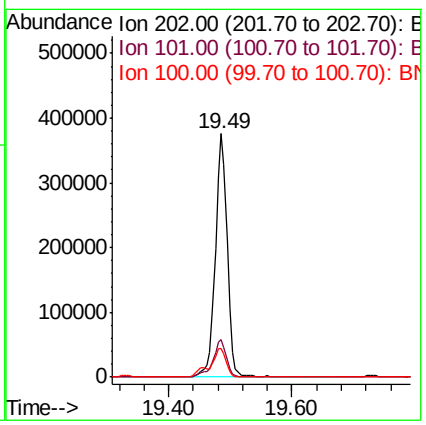


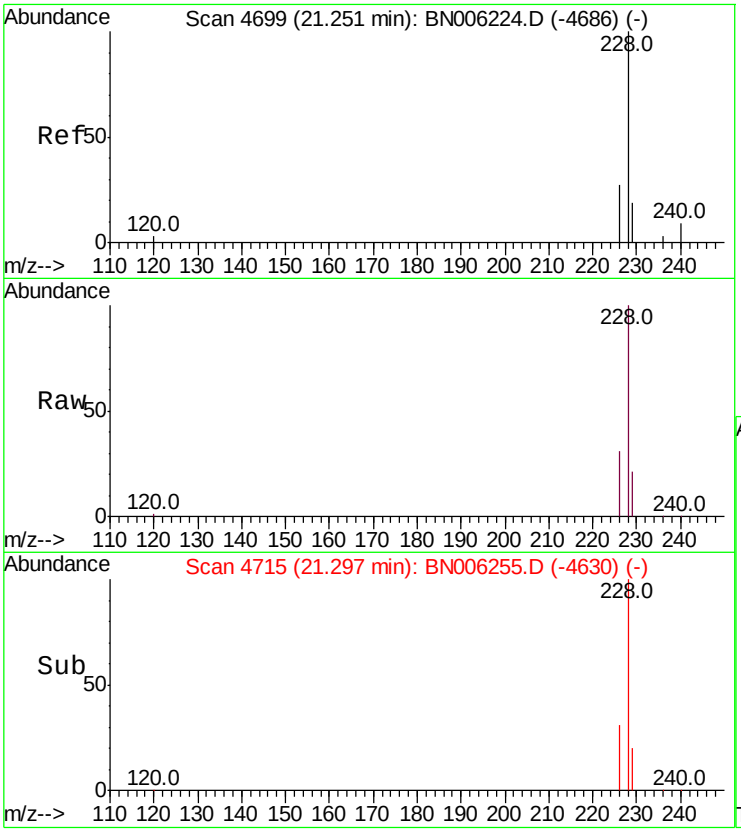


#17
Pyrene
Concen: 2947.965 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. 0.00 min
Lab File: BN006255.D
Acq: 11 Jun 2019 20:22

Tgt Ion:202 Resp: 496902

Ion	Ratio	Lower	Upper
202	100		
101	15.3	12.2	18.2
100	12.0	9.8	14.6



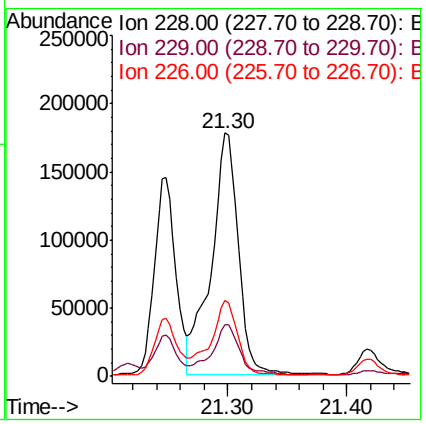


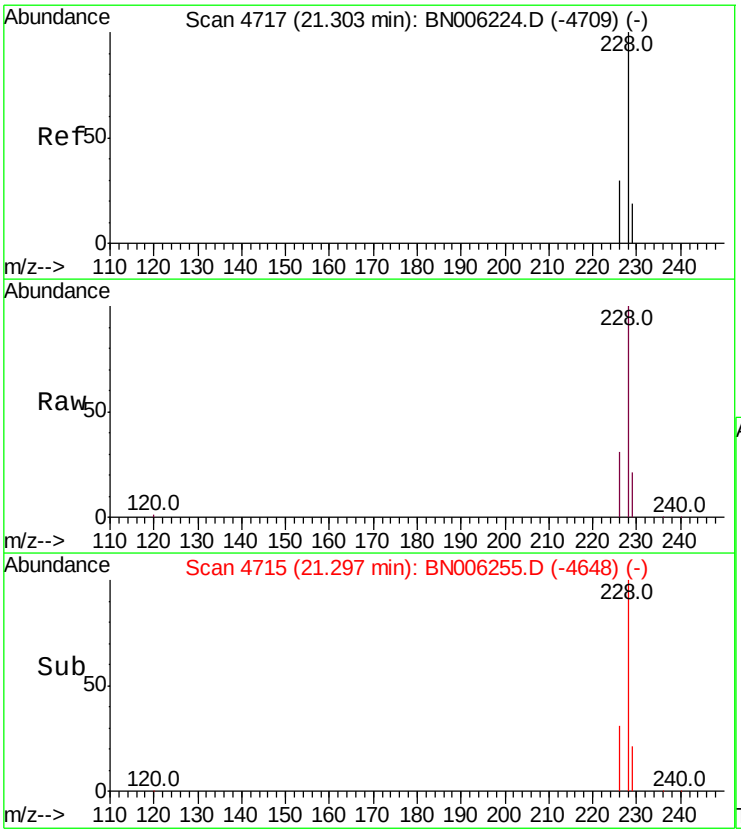
#18
Benzo(a)anthracene
Concen: 2018.555 ng/ul
RT: 21.30 min Scan# 4715
Delta R.T. 0.05 min
Lab File: BN006255.D
Acq: 11 Jun 2019 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 285689

Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.5	24.7
226	31.0	22.8	34.2

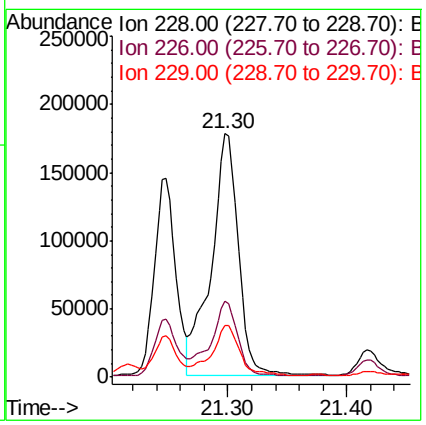


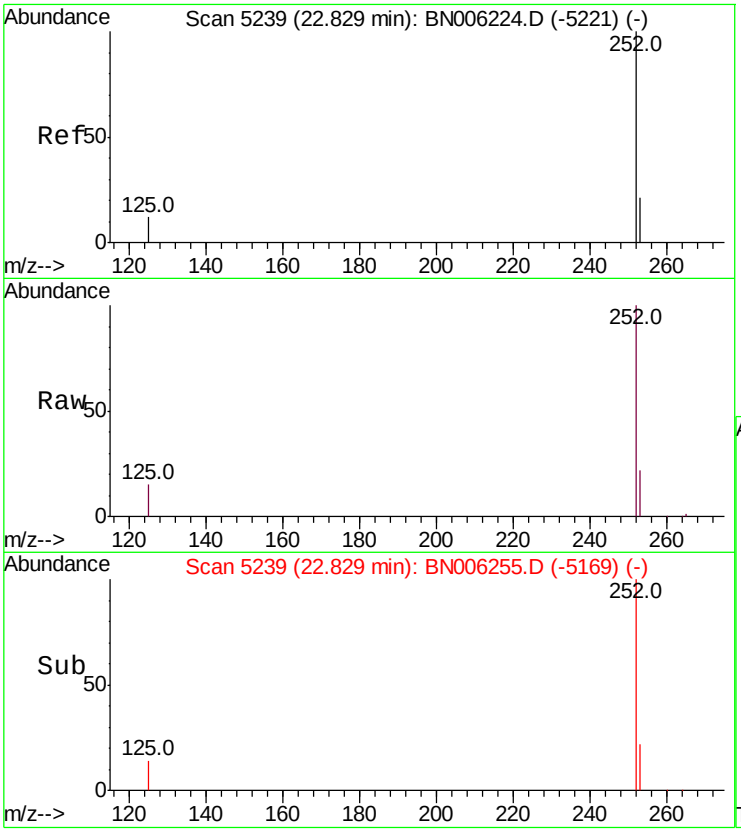


#19
Chrysene
Concen: 2126.147 ng/ul
RT: 21.30 min Scan# 4715
Delta R.T. -0.00 min
Lab File: BN006255.D
Acq: 11 Jun 2019 20:22

Tgt Ion:228 Resp: 282493

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	21.0	16.3	24.5



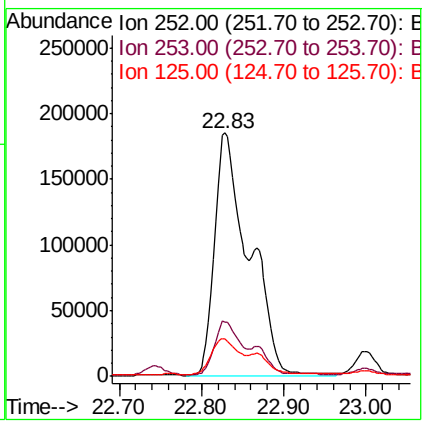


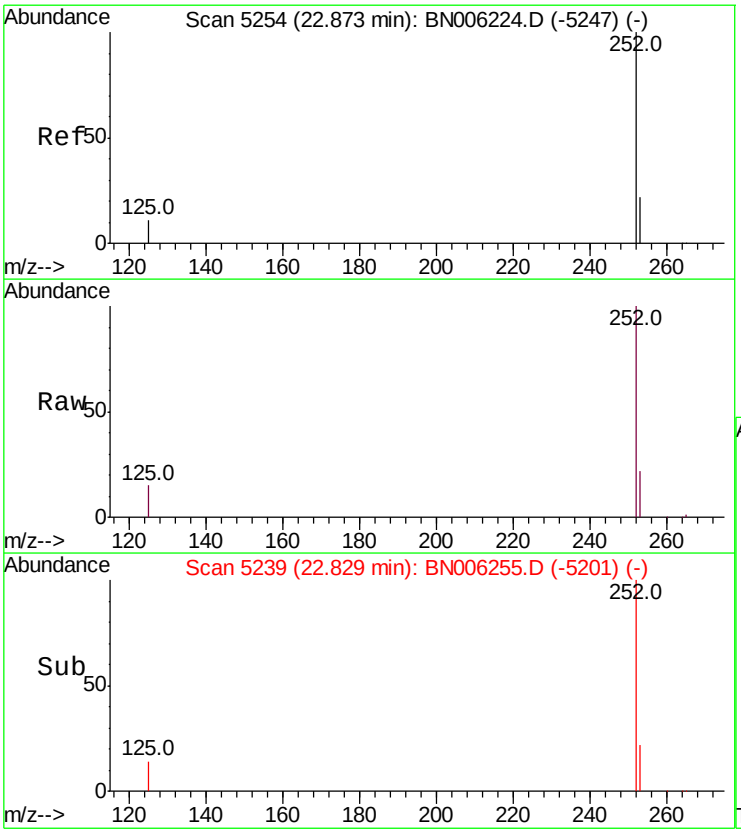
#21
Benzo(b)fluoranthene
Concen: 5.985 ng/ul
RT: 22.83 min Scan# 5239
Delta R.T. 0.01 min
Lab File: BN006255.D
Acq: 11 Jun 2019 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 537206

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	51.4
125	15.3	0.0	41.0

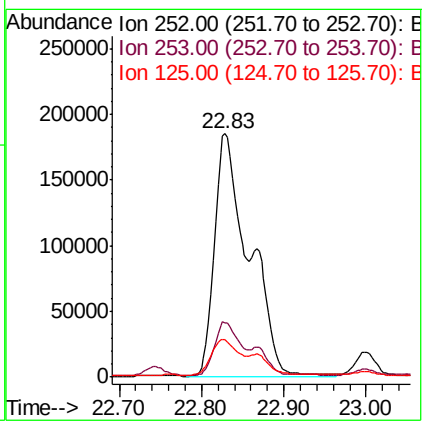


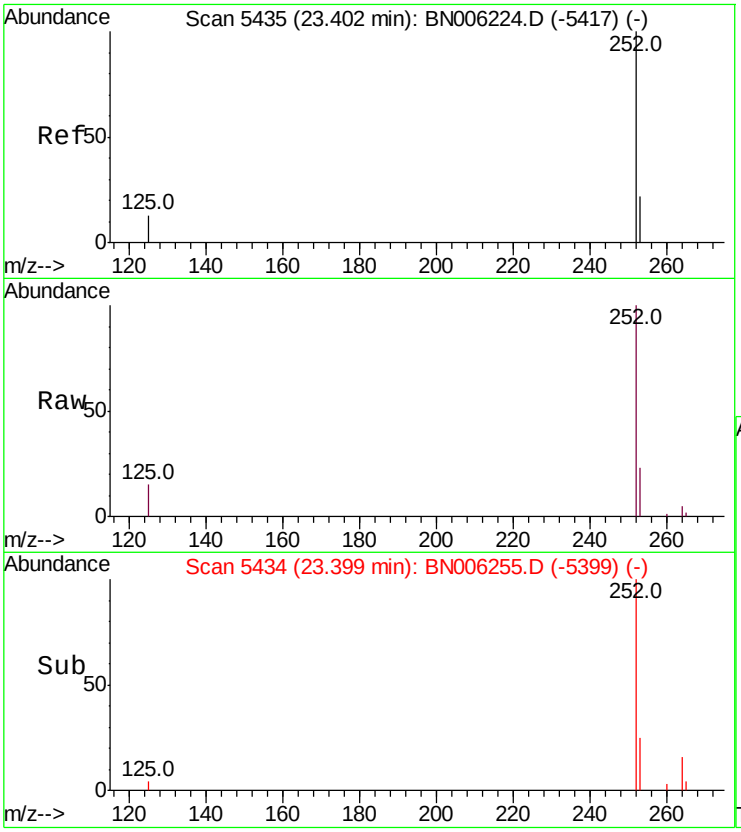


#22
Benzo(k)fluoranthene
Concen: 6.145 ng/ul
RT: 22.83 min Scan# 5239
Delta R.T. -0.04 min
Lab File: BN006255.D
Acq: 11 Jun 2019 20:22

Tgt Ion:252 Resp: 537206

Ion	Ratio	Lower	Upper
252	100		
253	22.5	20.3	30.5
125	15.3	14.3	21.5



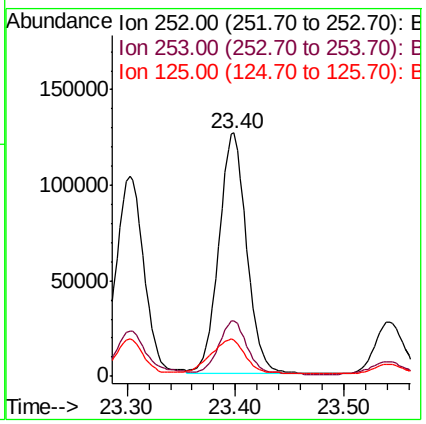


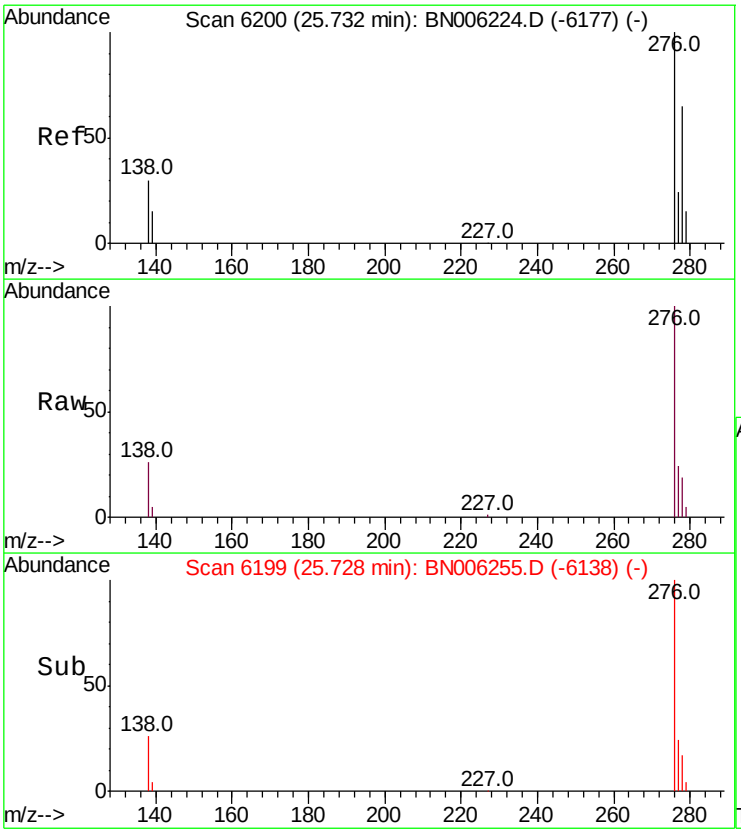
#23
Benzo(a)pyrene
Concen: 2.713 ng/ul
RT: 23.40 min Scan# 5434
Delta R.T. 0.00 min
Lab File: BN006255.D
Acq: 11 Jun 2019 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 226816

Ion	Ratio	Lower	Upper
252	100		
253	22.9	21.1	31.7
125	14.9	20.3	30.5#

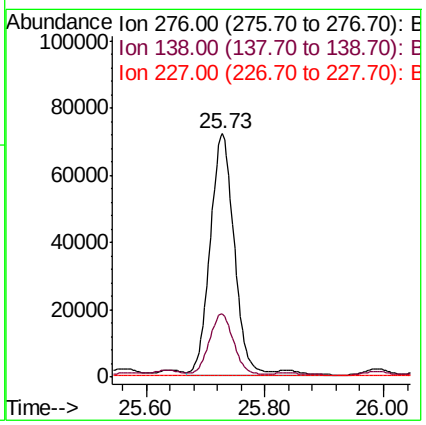


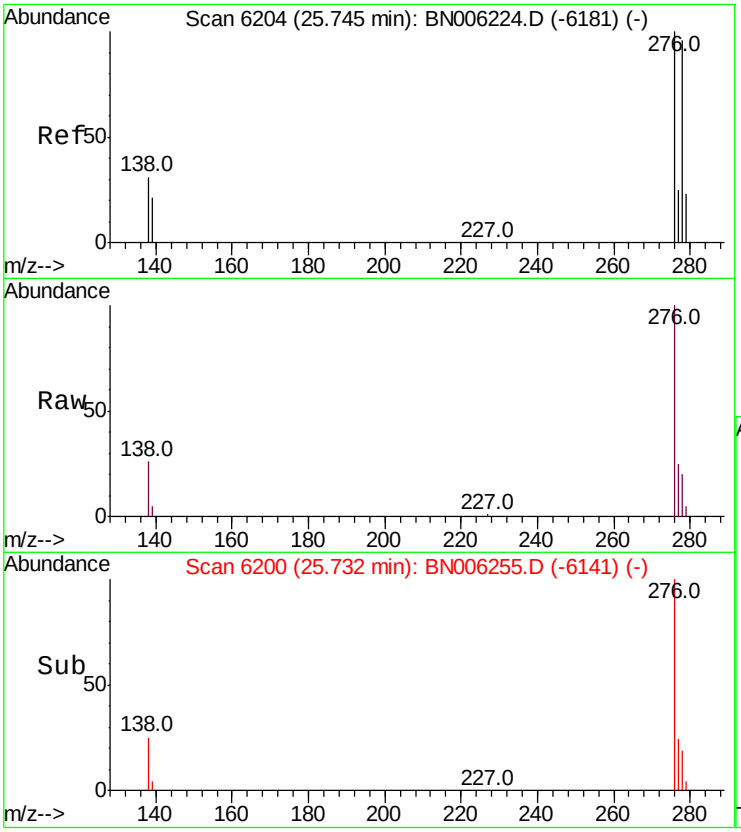


#24
Indeno(1,2,3-cd)pyrene
Concen: 2.258 ng/ul
RT: 25.73 min Scan# 6199
Delta R.T. 0.00 min
Lab File: BN006255.D
Acq: 11 Jun 2019 20:22

Tgt Ion:276 Resp: 204298

Ion	Ratio	Lower	Upper
276	100		
138	24.5	25.6	38.4#
227	0.1	0.3	0.5#



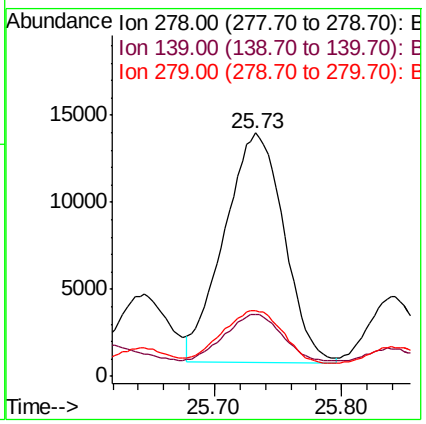


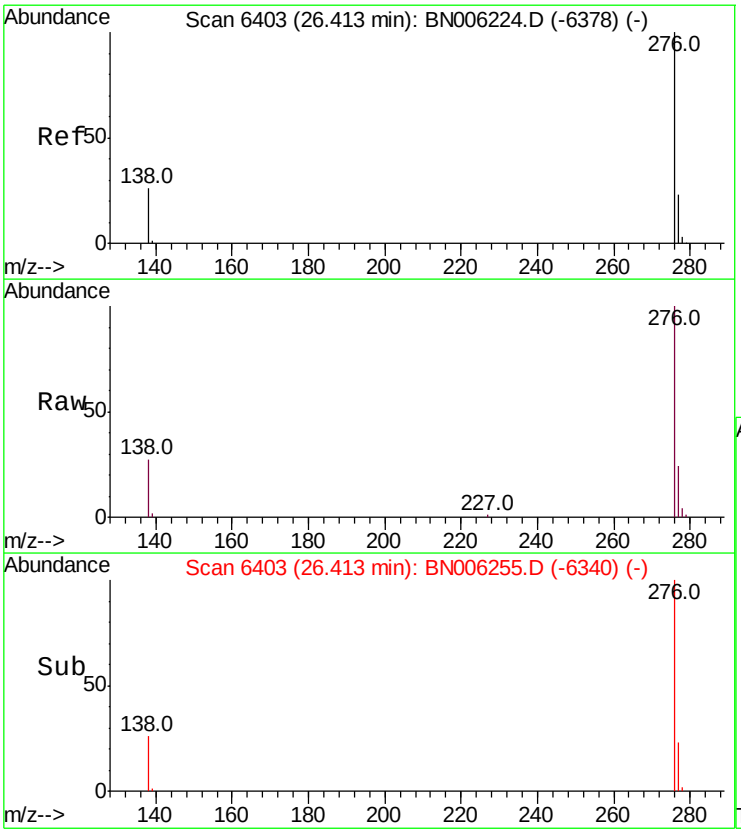
#25
Dibenzo(a,h)anthracene
Concen: 0.598 ng/ul
RT: 25.73 min Scan# 6200
Delta R.T. -0.00 min
Lab File: BN006255.D
Acq: 11 Jun 2019 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 43272

Ion	Ratio	Lower	Upper
278	100		
139	25.6	21.2	31.8
279	27.0	22.6	33.8





#26
Benzo(g,h,i)perylene
Concen: 2.298 ng/ul
RT: 26.41 min Scan# 6403
Delta R.T. 0.01 min
Lab File: BN006255.D
Acq: 11 Jun 2019 20:22

Tgt Ion:276 Resp: 174156

Ion	Ratio	Lower	Upper
276	100		
138	27.0	24.2	36.4
277	24.1	21.5	32.3