Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008954.D
Acq On : 12 Dec 2019 20:14
Operator : JU
Sample : K6089-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Dec 13 00:51:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2721	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	12127	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	7860	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	17615	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	14456	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	13981	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	3771	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	11335	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.36	128	10810	0.296	ng/ul	98
5) 2-Methylnaphthalene	11.98	142	10820	0.424	ng/ul	99
7) Acenaphthylene	13.90	152	18972	0.437	ng/ul	98
8) Acenaphthene	14.25	153	2724	0.084	ng/ul	96
9) Fluorene	15.24	166	8253	0.218	ng/ul#	92
12) Phenanthrene	16.97	178	195955	3.299	ng/ul	99
13) Anthracene	17.06	178	30324	0.540	ng/ul	99
15) Fluoranthene	18.99	202	424383	5.815	ng/ul	100
17) Pyrene	19.36	202	348089	6.002	ng/ul	97
18) Benzo(a)anthracene	21.11	228	179722	3.091	ng/ul	96
19) Chrysene	21.17	228	199668	3.497	ng/ul	97
21) Benzo(b)fluoranthene	22.64	252	312357	5.418	ng/ul	96
22) Benzo(k)fluoranthene	22.64	252	312322	5.462	ng/ul#	94
23) Benzo(a)pyrene	23.09	252	88111	1.628	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.38	276	99649	1.575	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.38	278	29605	0.579	ng/ul#	90
26) Benzo(g,h,i)perylene	26.02	276	106122	2.005	ng/ul	97

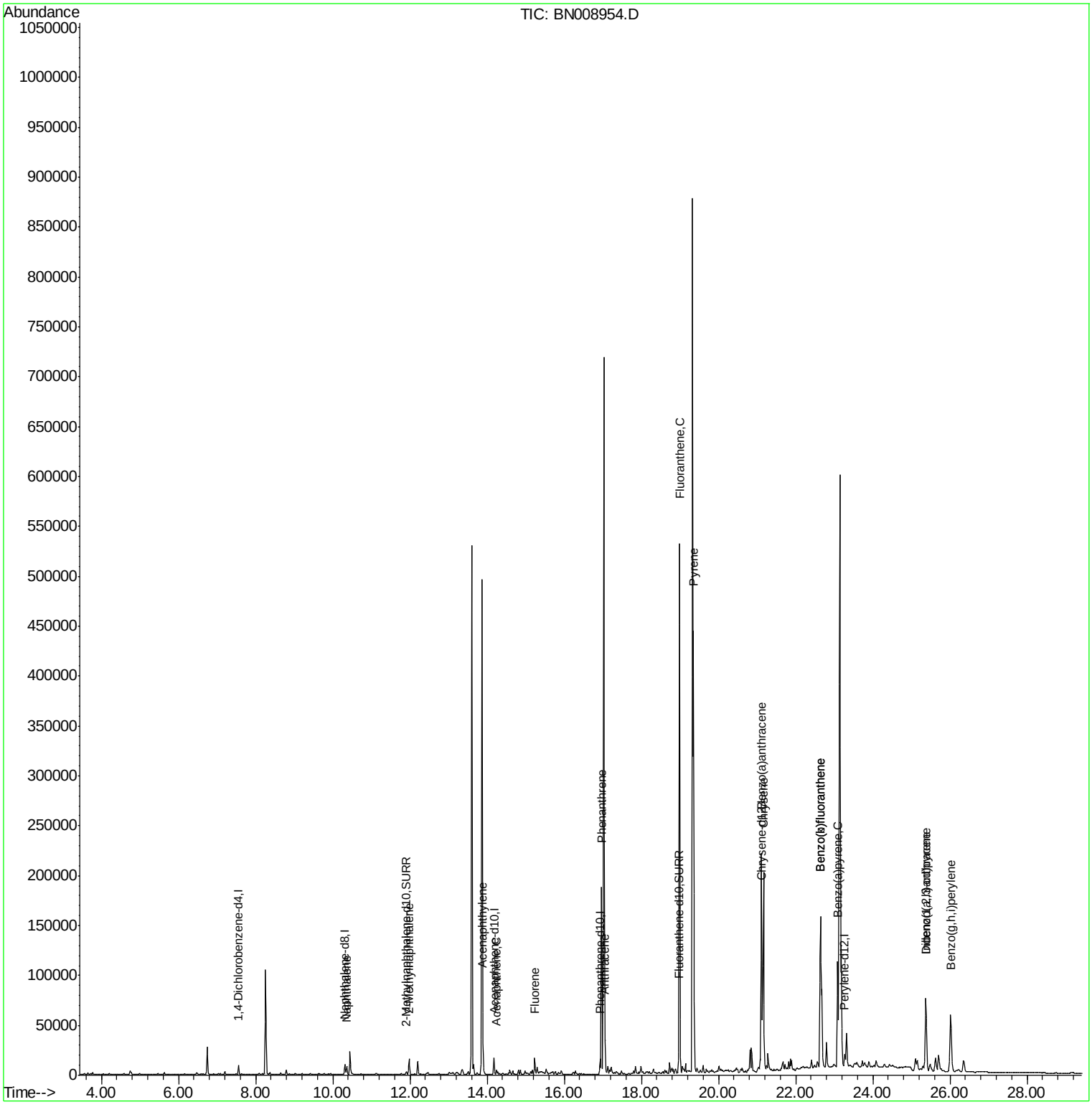
(#) = qualifier out of range (m) = manual integration (+) = signals summed

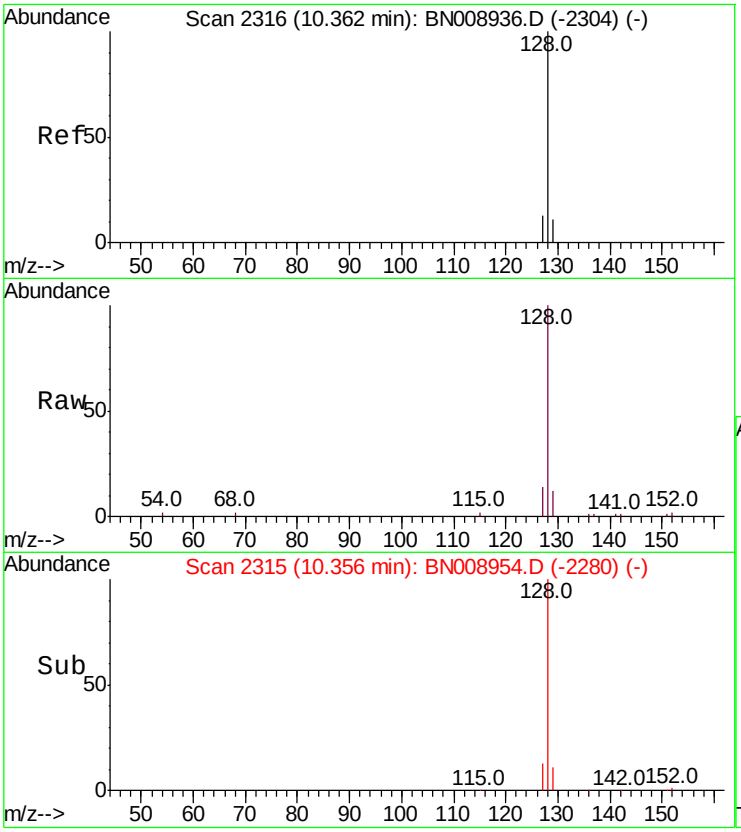
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008954.D
Acq On : 12 Dec 2019 20:14
Operator : JU
Sample : K6089-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 13 00:51:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration



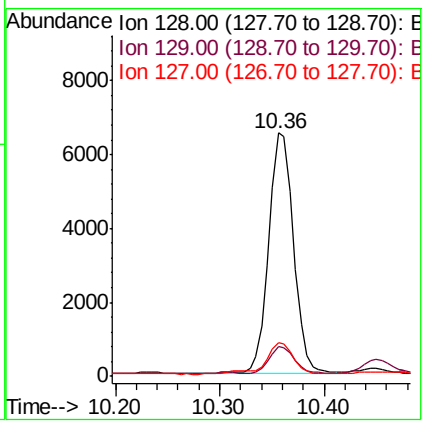


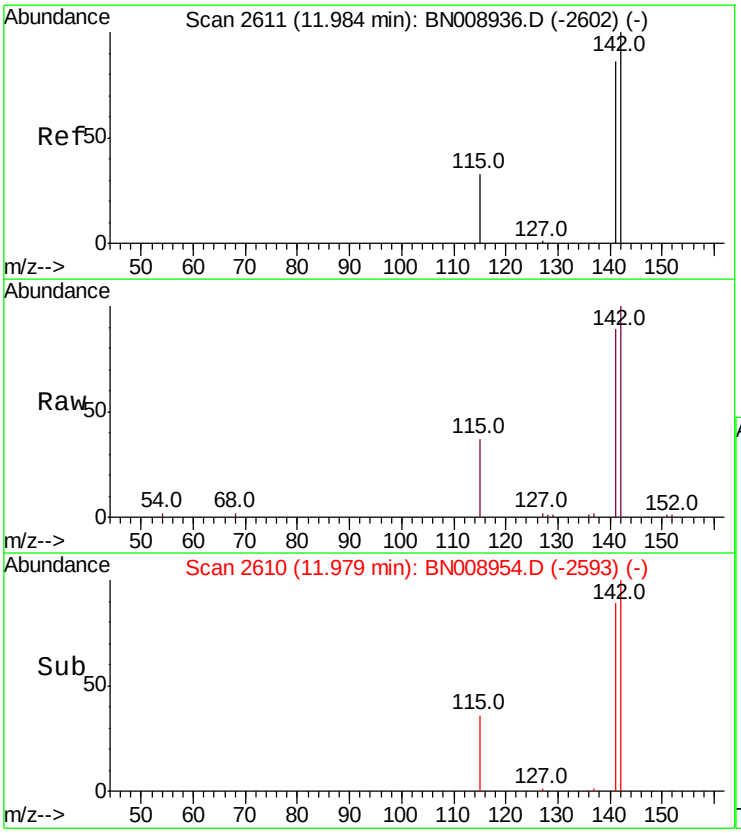
#3
Naphthalene
Concen: 0.296 ng/ul
RT: 10.36 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BN008954.D
Acq: 12 Dec 2019 20:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 10810

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.1	13.7
127	14.0	10.7	16.1

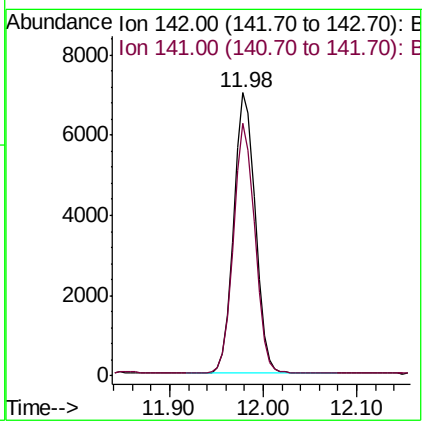


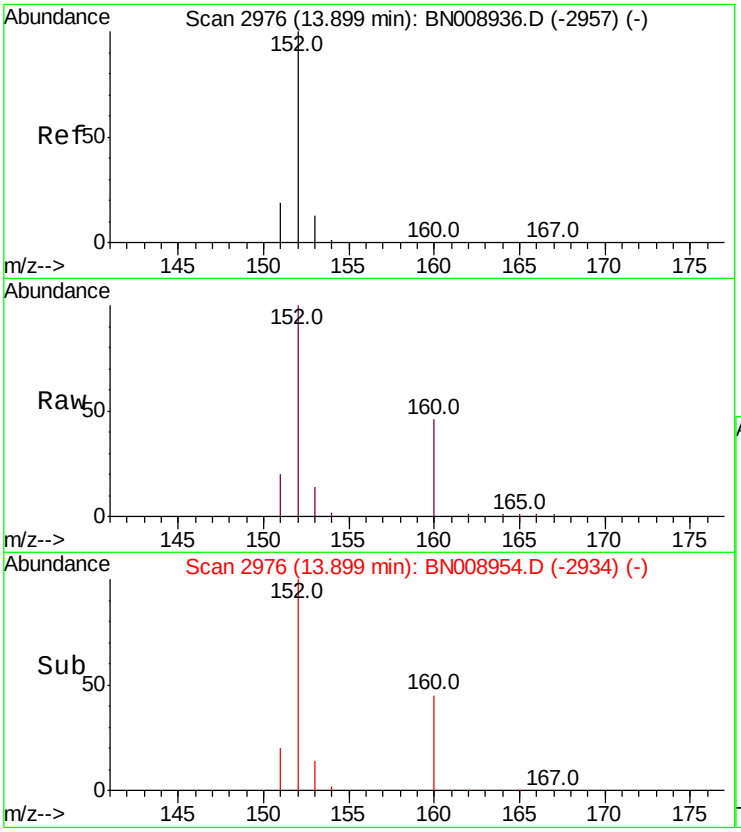


#5
2-Methylnaphthalene
Concen: 0.424 ng/ul
RT: 11.98 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BN008954.D
Acq: 12 Dec 2019 20:14

Tgt Ion:142 Resp: 10820

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.1	105.1



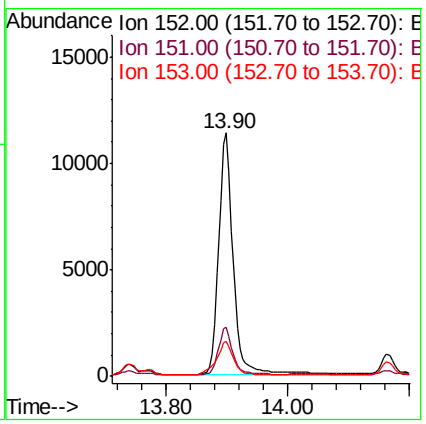


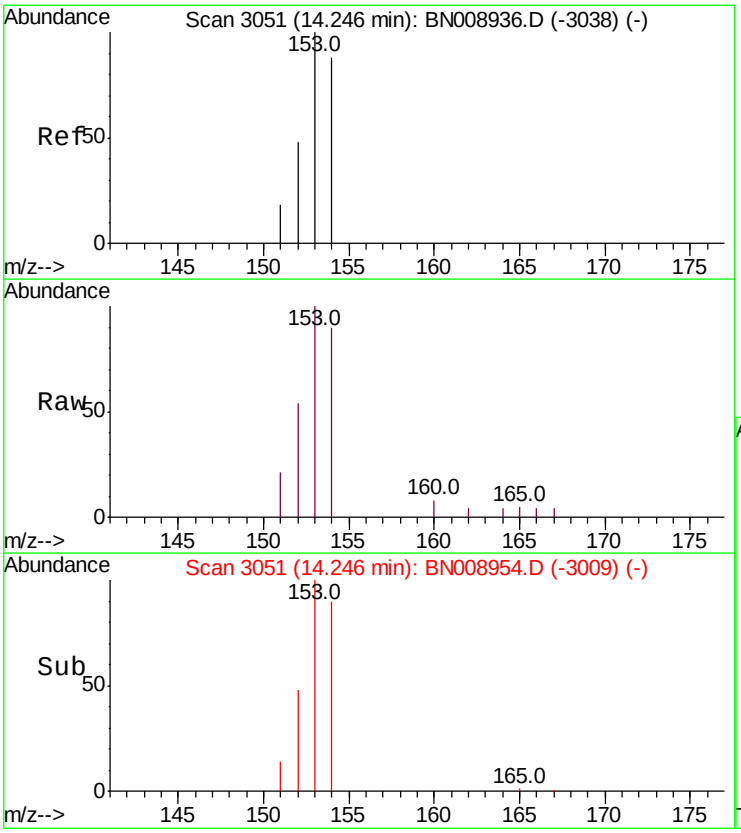
#7
Acenaphthylene
Concen: 0.437 ng/ul
RT: 13.90 min Scan# 2976
Delta R.T. -0.00 min
Lab File: BN008954.D
Acq: 12 Dec 2019 20:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 18972

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.6
153	14.5	10.6	15.8

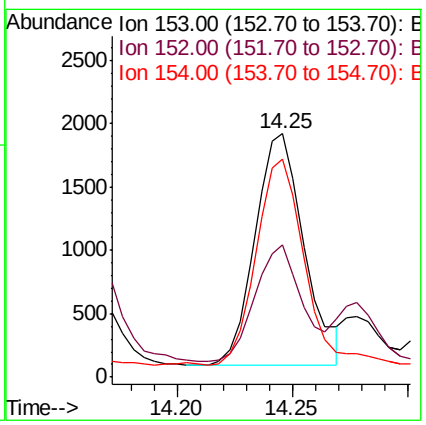


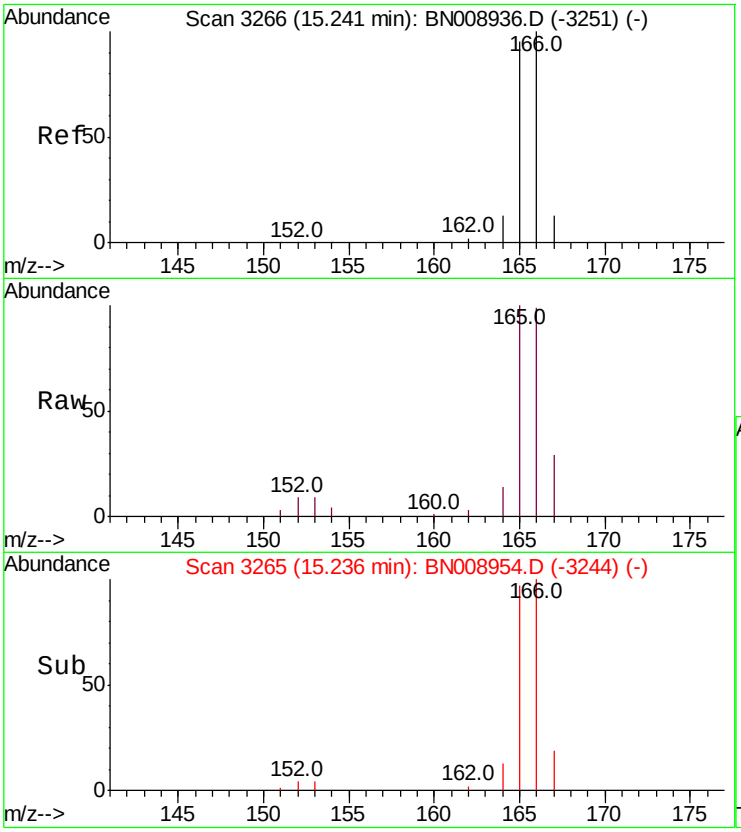


#8
Acenaphthene
Concen: 0.084 ng/ul
RT: 14.25 min Scan# 3051
Delta R.T. -0.00 min
Lab File: BN008954.D
Acq: 12 Dec 2019 20:14

Tgt Ion:153 Resp: 2724

Ion	Ratio	Lower	Upper
153	100		
152	54.1	38.6	58.0
154	89.8	70.6	105.8



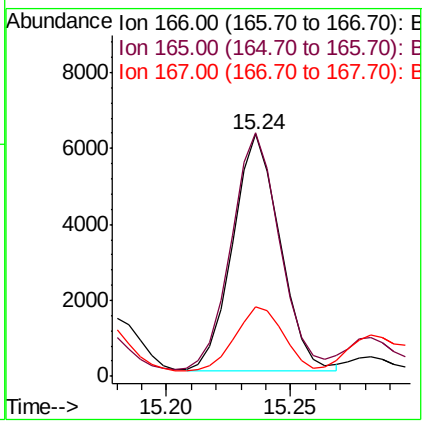


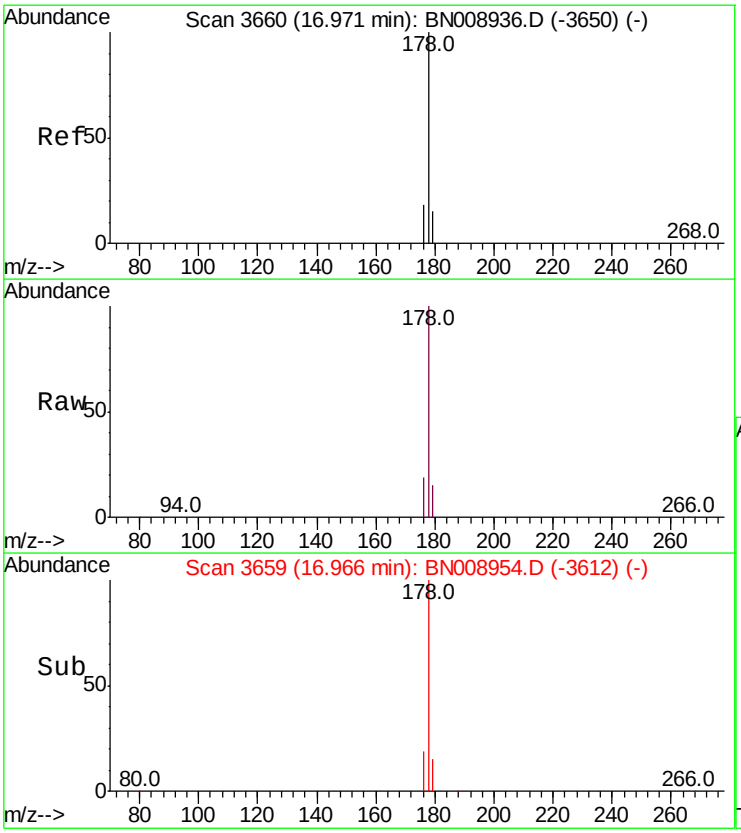
#9
Fluorene
Concen: 0.218 ng/ul
RT: 15.24 min Scan# 3265
Delta R.T. -0.00 min
Lab File: BN008954.D
Acq: 12 Dec 2019 20:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 8253

Ion	Ratio	Lower	Upper
166	100		
165	100.6	77.7	116.5
167	28.8	11.1	16.7#

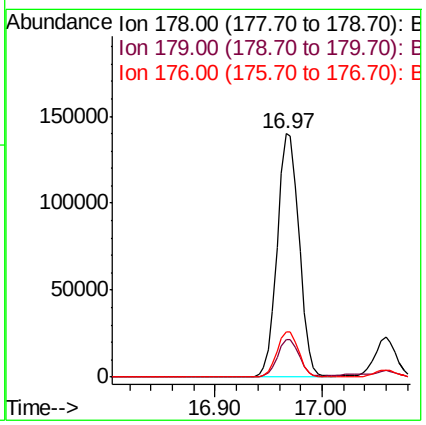


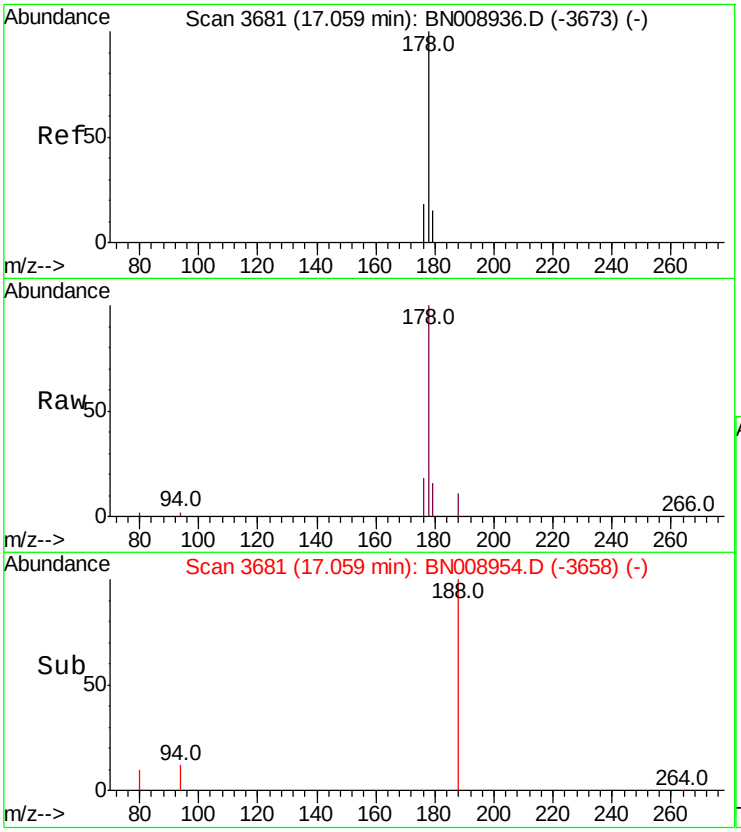


#12
Phenanthrene
Concen: 3.299 ng/ul
RT: 16.97 min Scan# 3659
Delta R.T. -0.00 min
Lab File: BN008954.D
Acq: 12 Dec 2019 20:14

Tgt Ion:178 Resp: 195955

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	18.6	15.3	22.9



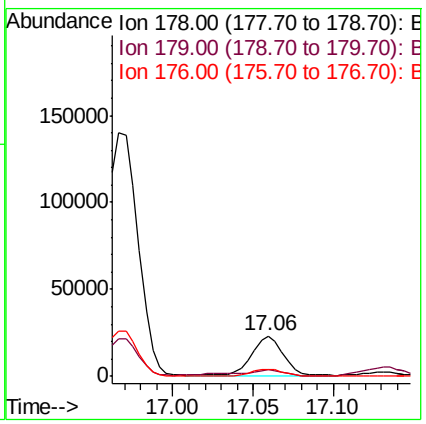


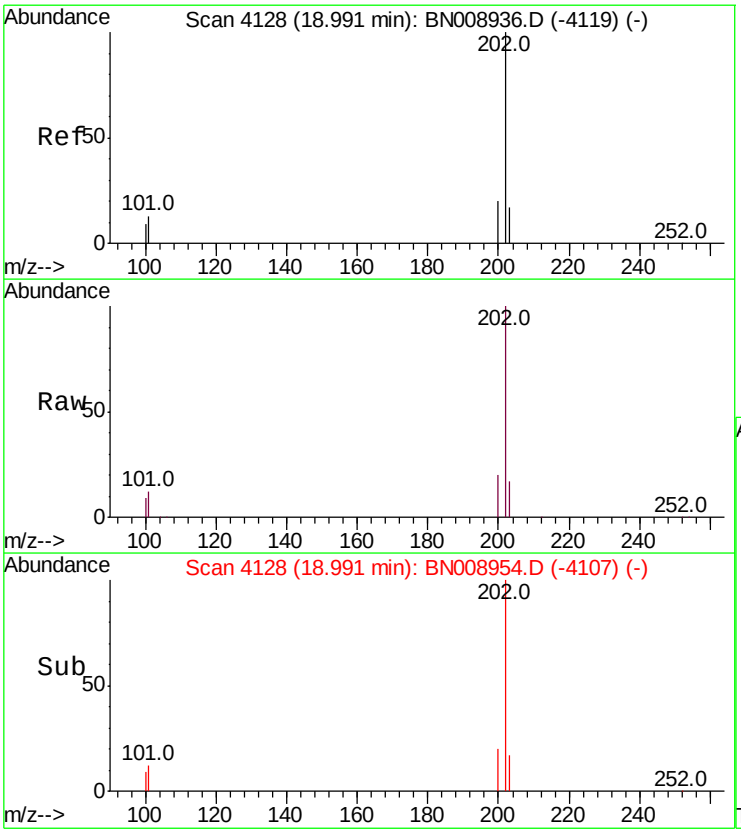
#13
Anthracene
Concen: 0.540 ng/ul
RT: 17.06 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BN008954.D
Acq: 12 Dec 2019 20:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 30324

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.2	18.4
176	18.4	14.7	22.1

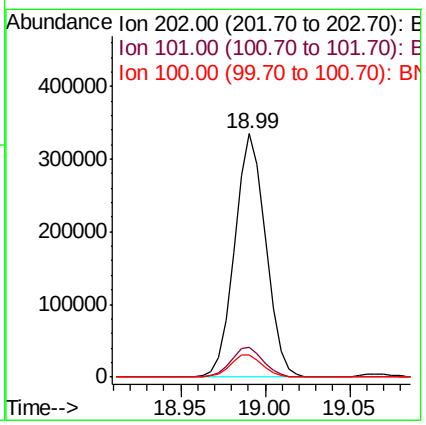


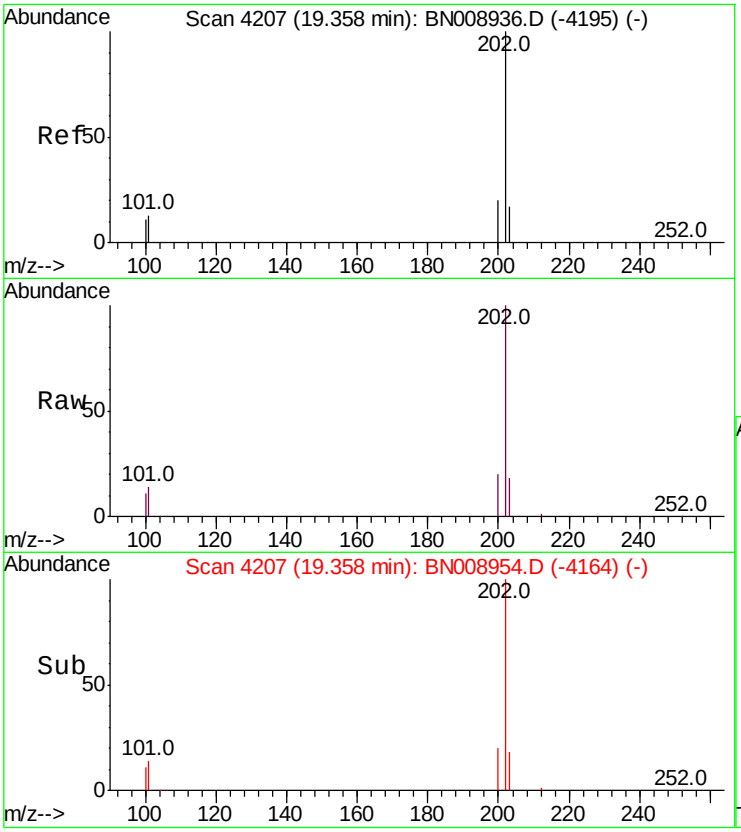


#15
Fluoranthene
Concen: 5.815 ng/ul
RT: 18.99 min Scan# 4128
Delta R.T. -0.00 min
Lab File: BN008954.D
Acq: 12 Dec 2019 20:14

Tgt Ion:202 Resp: 424383

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.4
100	9.2	0.0	29.2



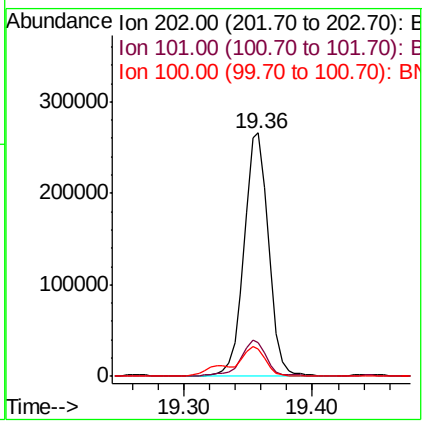


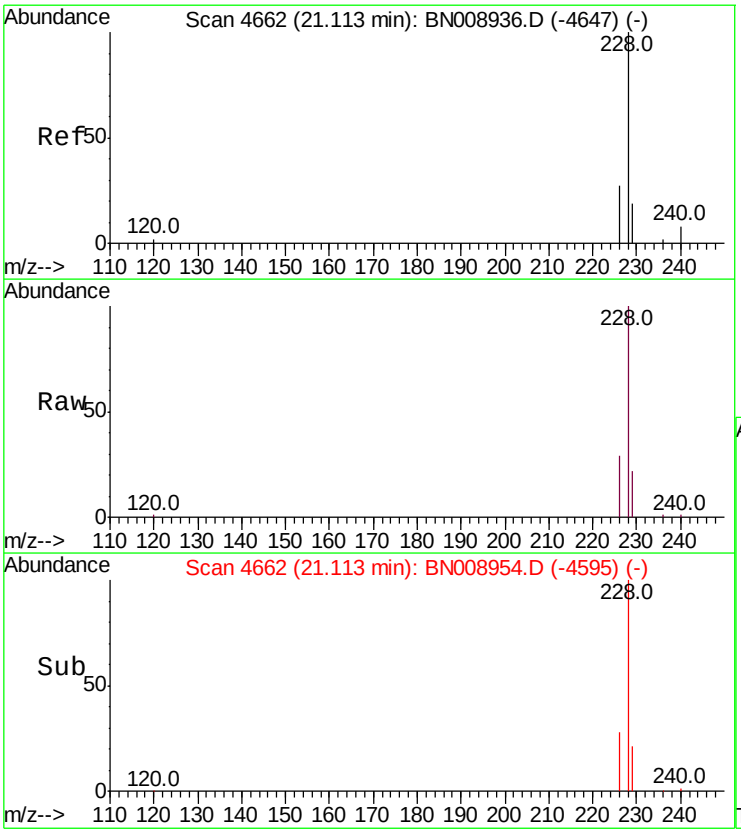
#17
Pyrene
Concen: 6.002 ng/ul
RT: 19.36 min Scan# 4207
Delta R.T. 0.00 min
Lab File: BN008954.D
Acq: 12 Dec 2019 20:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 348089

Ion	Ratio	Lower	Upper
202	100		
101	13.8	12.2	18.4
100	11.0	9.5	14.3

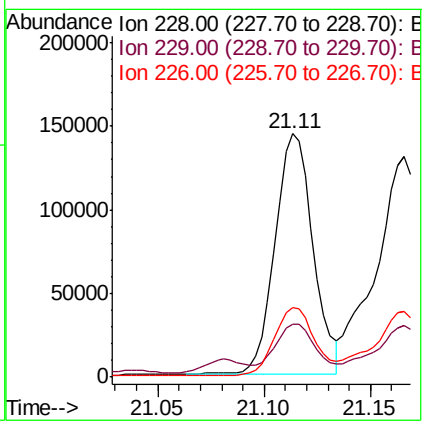


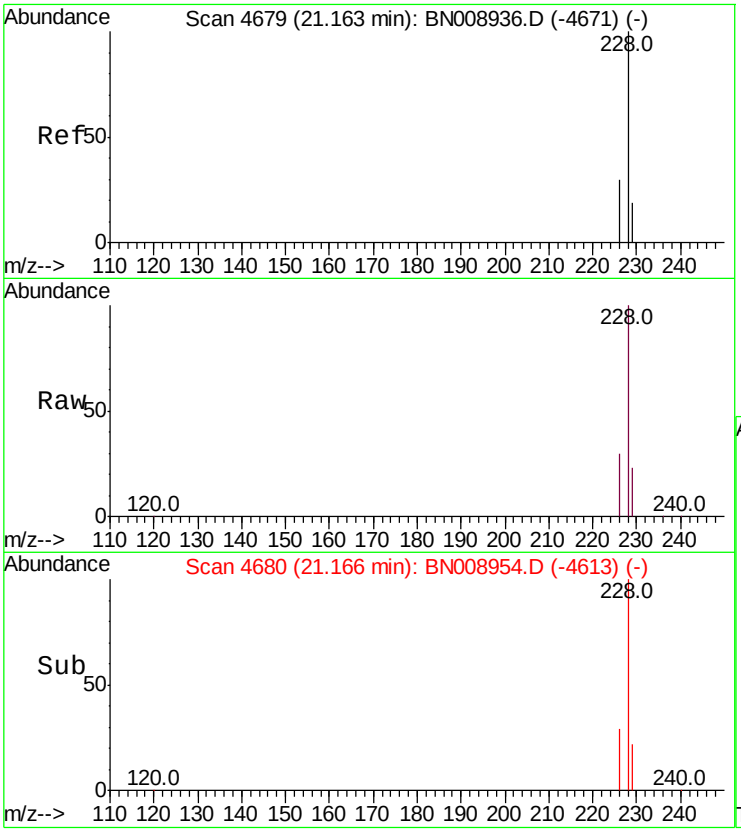


#18
Benzo(a)anthracene
Concen: 3.091 ng/ul
RT: 21.11 min Scan# 4662
Delta R.T. -0.01 min
Lab File: BN008954.D
Acq: 12 Dec 2019 20:14

Tgt Ion:228 Resp: 179722

Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.7	23.5
226	28.7	21.5	32.3



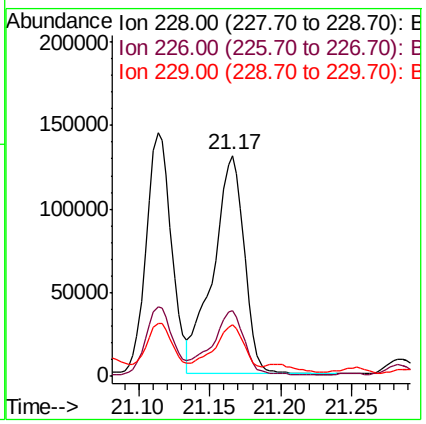


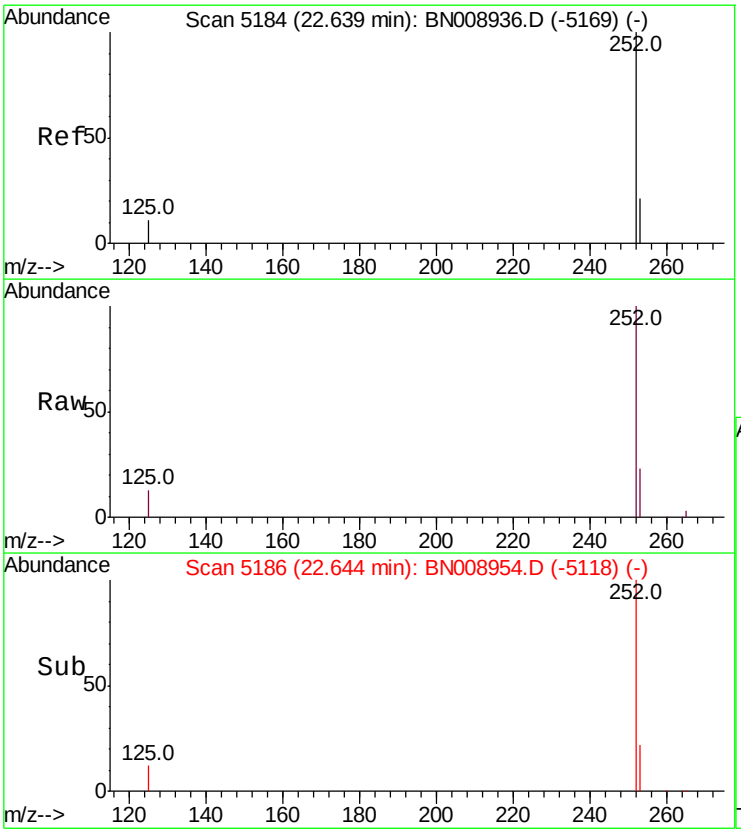
#19
Chrysene
Concen: 3.497 ng/ul
RT: 21.17 min Scan# 4680
Delta R.T. -0.01 min
Lab File: BN008954.D
Acq: 12 Dec 2019 20:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 199668

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	23.2	15.6	23.4

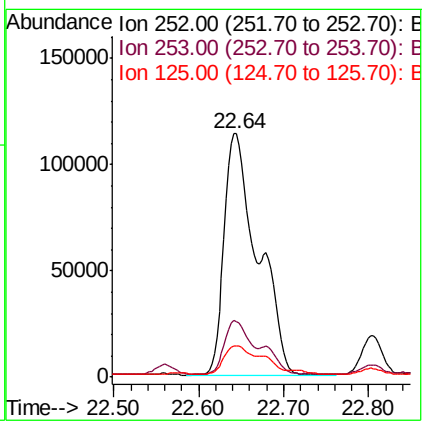


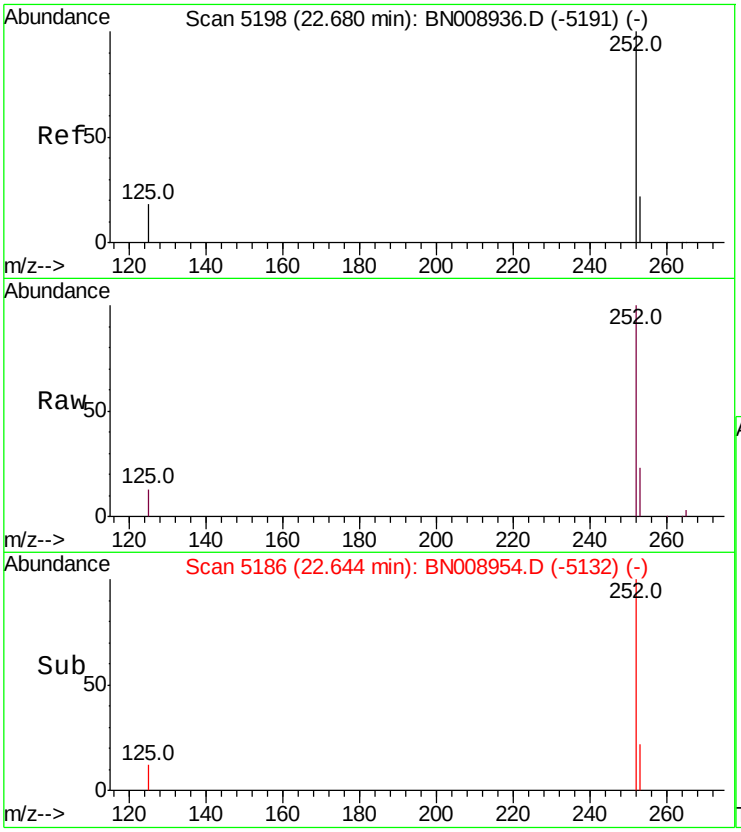


#21
Benzo(b)fluoranthene
Concen: 5.418 ng/ul
RT: 22.64 min Scan# 5186
Delta R.T. -0.00 min
Lab File: BN008954.D
Acq: 12 Dec 2019 20:14

Tgt Ion:252 Resp: 312357

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	48.6
125	13.0	0.0	31.6



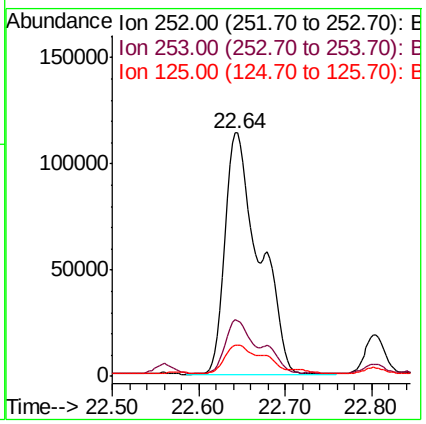


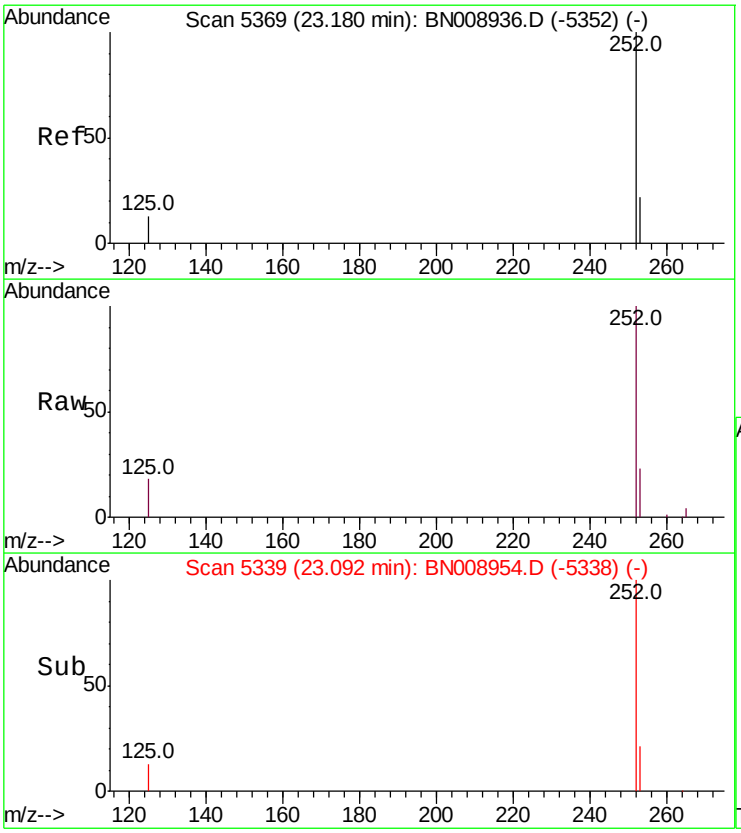
#22
Benzo(k)fluoranthene
Concen: 5.462 ng/ul
RT: 22.64 min Scan# 5186
Delta R.T. -0.04 min
Lab File: BN008954.D
Acq: 12 Dec 2019 20:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 312322

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.6	29.4
125	13.0	13.8	20.6#

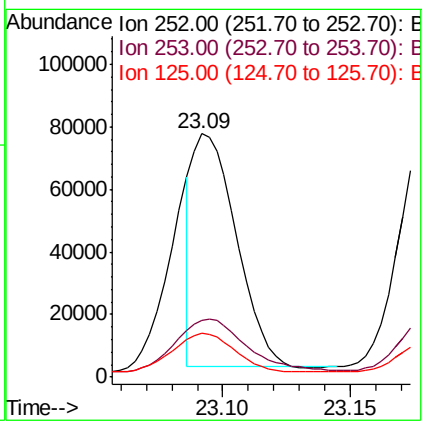


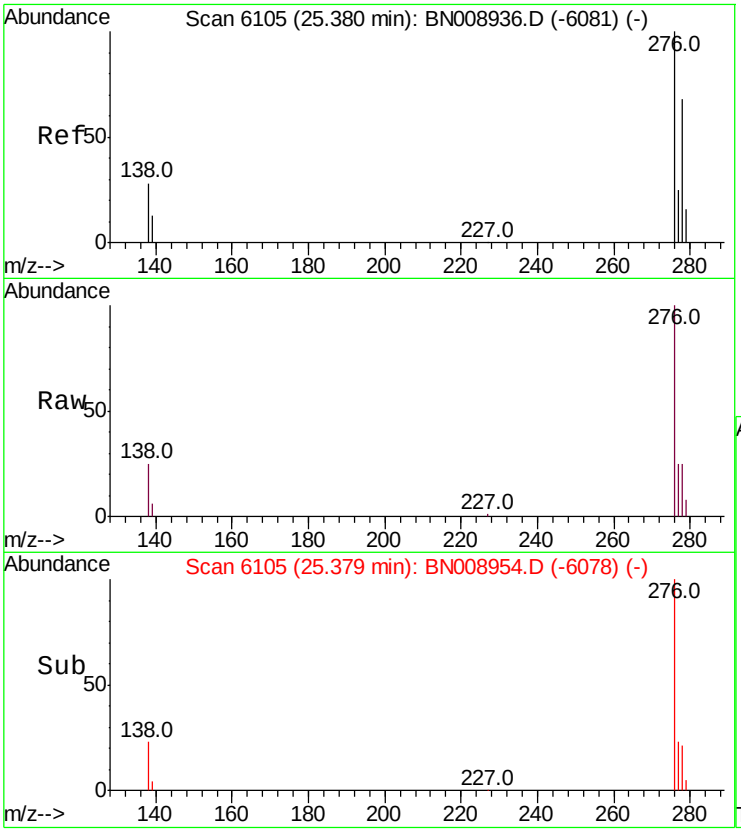


#23
Benzo(a)pyrene
Concen: 1.628 ng/ul
RT: 23.09 min Scan# 5339
Delta R.T. -0.10 min
Lab File: BN008954.D
Acq: 12 Dec 2019 20:14

Tgt Ion:252 Resp: 88111

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.9	29.9
125	17.9	14.6	22.0



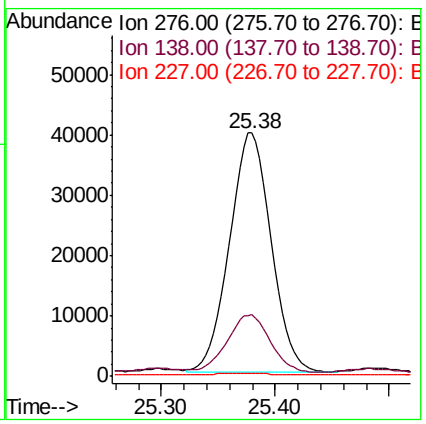


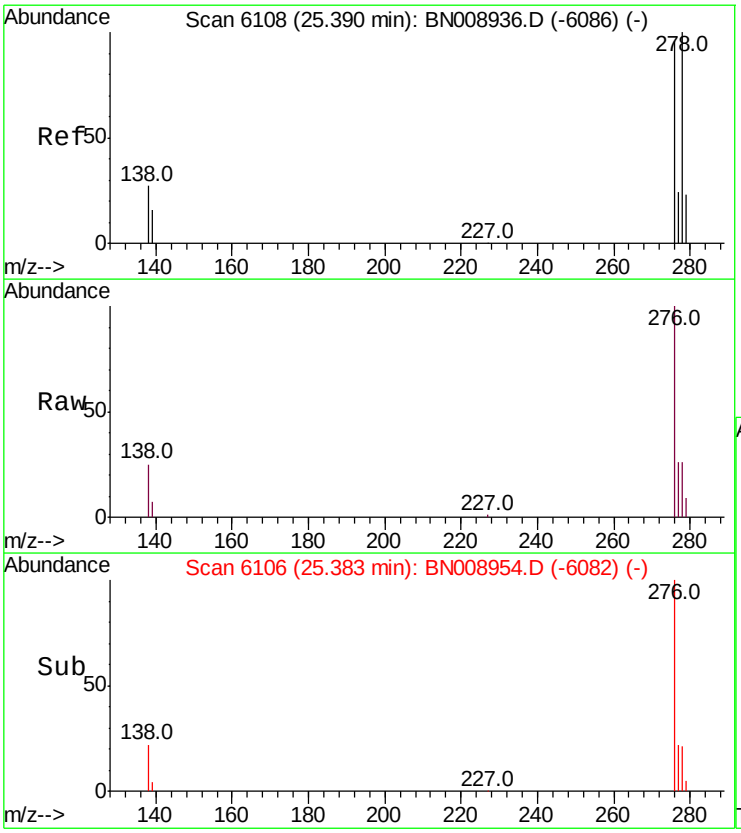
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.575 ng/ul
RT: 25.38 min Scan# 6105
Delta R.T. -0.01 min
Lab File: BN008954.D
Acq: 12 Dec 2019 20:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 99649

Ion	Ratio	Lower	Upper
276	100		
138	24.5	23.8	35.6
227	0.2	0.2	0.2#

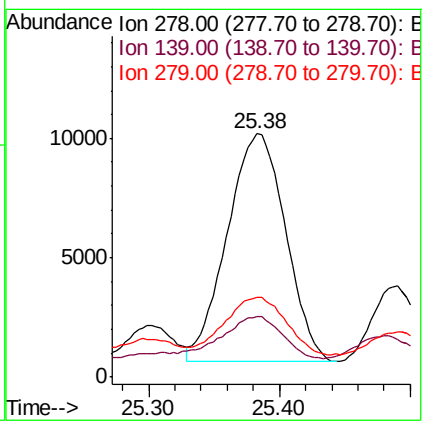


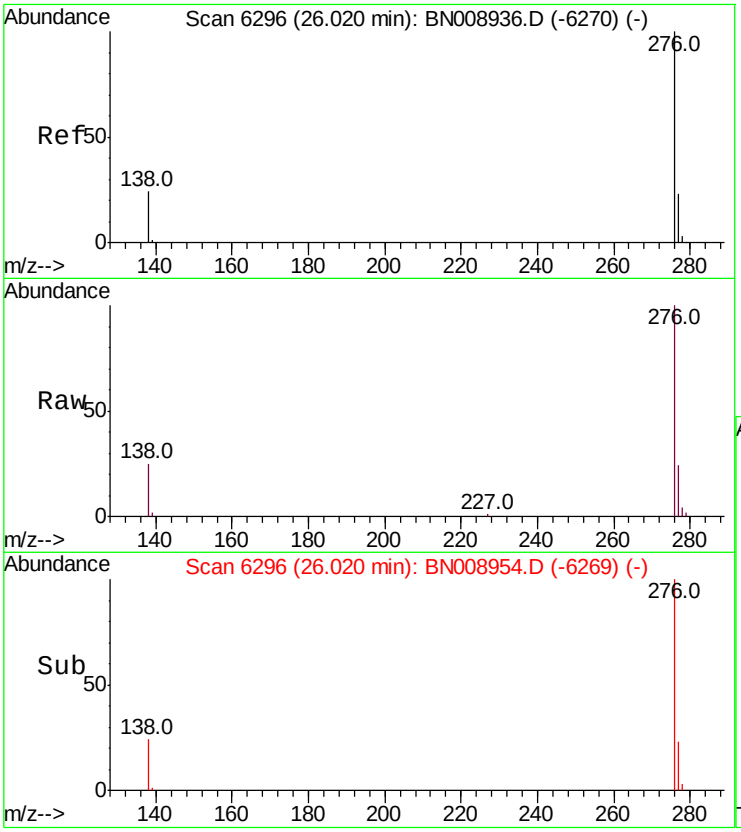


#25
Dibenzo(a,h)anthracene
Concen: 0.579 ng/ul
RT: 25.38 min Scan# 6106
Delta R.T. -0.02 min
Lab File: BN008954.D
Acq: 12 Dec 2019 20:14

Tgt Ion:278 Resp: 29605

Ion	Ratio	Lower	Upper
278	100		
139	24.8	17.4	26.0
279	32.6	20.5	30.7#





#26
Benzo(g,h,i)perylene
Concen: 2.005 ng/ul
RT: 26.02 min Scan# 6296
Delta R.T. -0.01 min
Lab File: BN008954.D
Acq: 12 Dec 2019 20:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 106122

Ion	Ratio	Lower	Upper
276	100		
138	25.1	21.9	32.9
277	24.3	19.9	29.9