Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008927.D
Acq On : 11 Dec 2019 21:09
Operator : JU
Sample : K6088-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Dec 12 00:22:49 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 : Wed Dec 11 10:35:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2603	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	11252	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	7484	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	17144	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	15159	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	16205	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	3132	0.17	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	9646	0.18	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.36	128	2881	0.085	ng/ul	95
5) 2-Methylnaphthalene	11.98	142	3909	0.165	ng/ul	100
7) Acenaphthylene	13.90	152	1611	0.039	ng/ul#	88
9) Fluorene	15.24	166	777	0.022	ng/ul#	84
12) Phenanthrene	16.97	178	21122	0.365	ng/ul	99
13) Anthracene	17.06	178	1782	0.033	ng/ul#	86
15) Fluoranthene	19.00	202	29485	0.415	ng/ul	99
17) Pyrene	19.36	202	26588	0.437	ng/ul	99
18) Benzo(a)anthracene	21.11	228	12609	0.207	ng/ul	95
19) Chrysene	21.17	228	18411	0.307	ng/ul	97
21) Benzo(b)fluoranthene	22.64	252	26104	0.391	ng/ul	94
22) Benzo(k)fluoranthene	22.64	252	26104	0.394	ng/ul	96
23) Benzo(a)pyrene	23.18	252	11902	0.190	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.38	276	8356	0.114	ng/ul	97
25) Dibenzo(a,h)anthracene	25.39	278	2155	0.036	ng/ul#	65
26) Benzo(g,h,i)perylene	26.02	276	7948	0.130	ng/ul	97

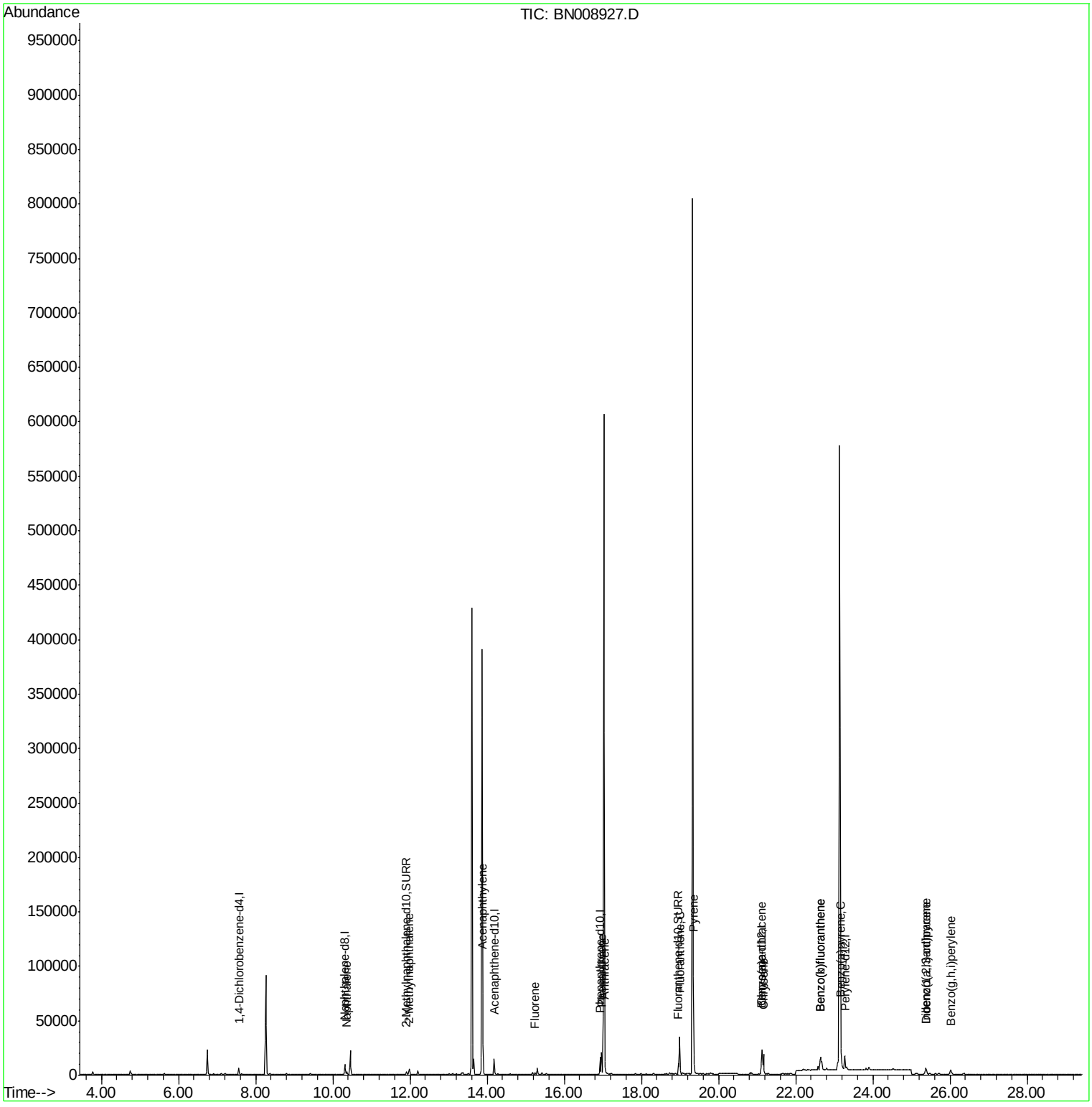
(#) = qualifier out of range (m) = manual integration (+) = signals summed

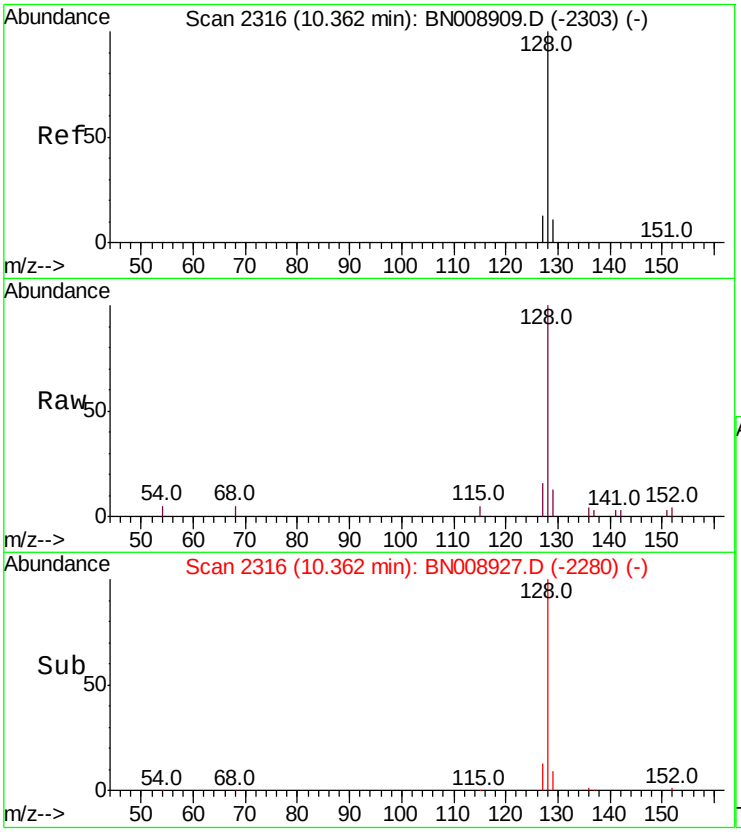
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008927.D
Acq On : 11 Dec 2019 21:09
Operator : JU
Sample : K6088-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 12 00:22:49 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 : Wed Dec 11 10:35:08 2019
Response via : Initial Calibration



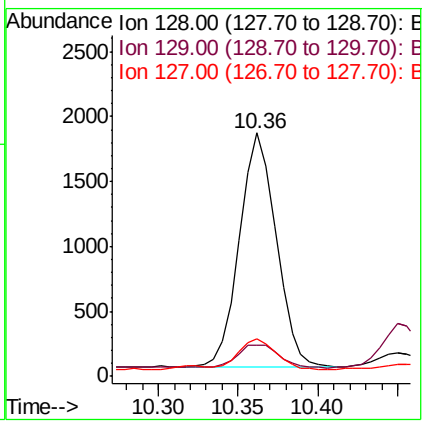


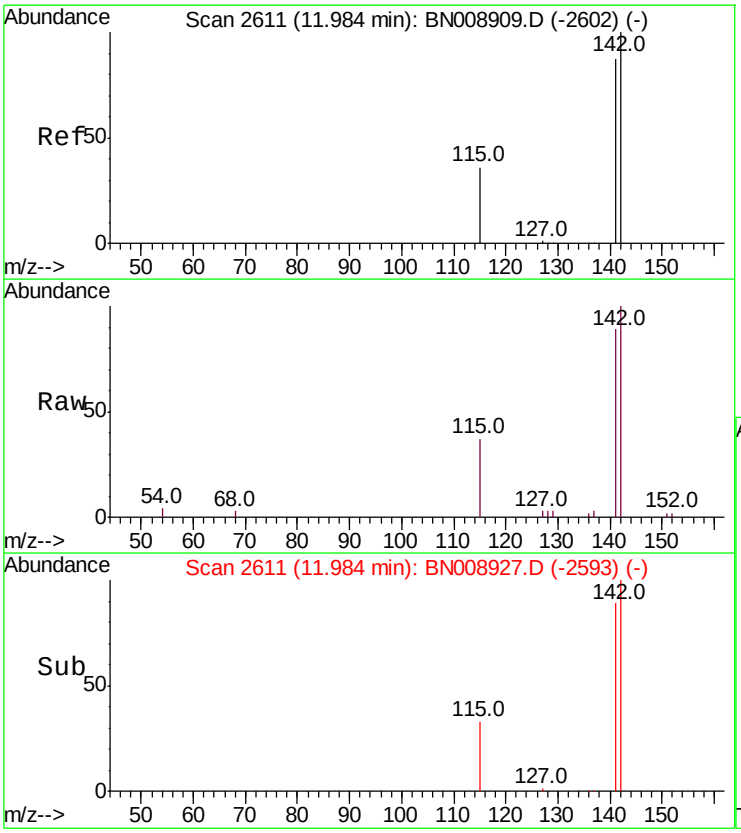
#3
Naphthalene
Concen: 0.085 ng/ul
RT: 10.36 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BN008927.D
Acq: 11 Dec 2019 21:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 2881

Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.1	13.7
127	15.6	10.7	16.1

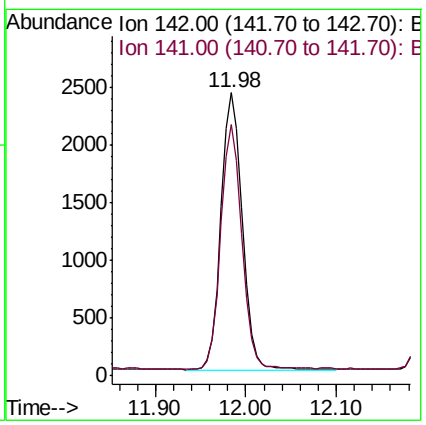


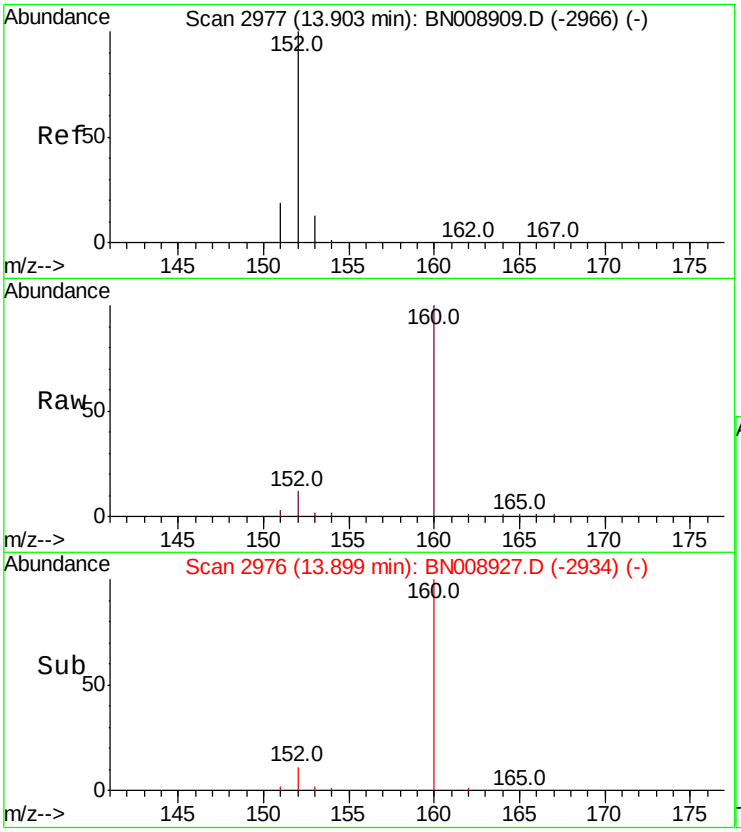


#5
2-Methylnaphthalene
Concen: 0.165 ng/ul
RT: 11.98 min Scan# 2611
Delta R.T. -0.00 min
Lab File: BN008927.D
Acq: 11 Dec 2019 21:09

Tgt Ion:142 Resp: 3909

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.1	105.1



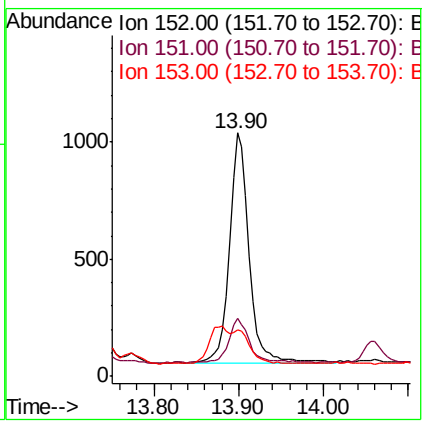


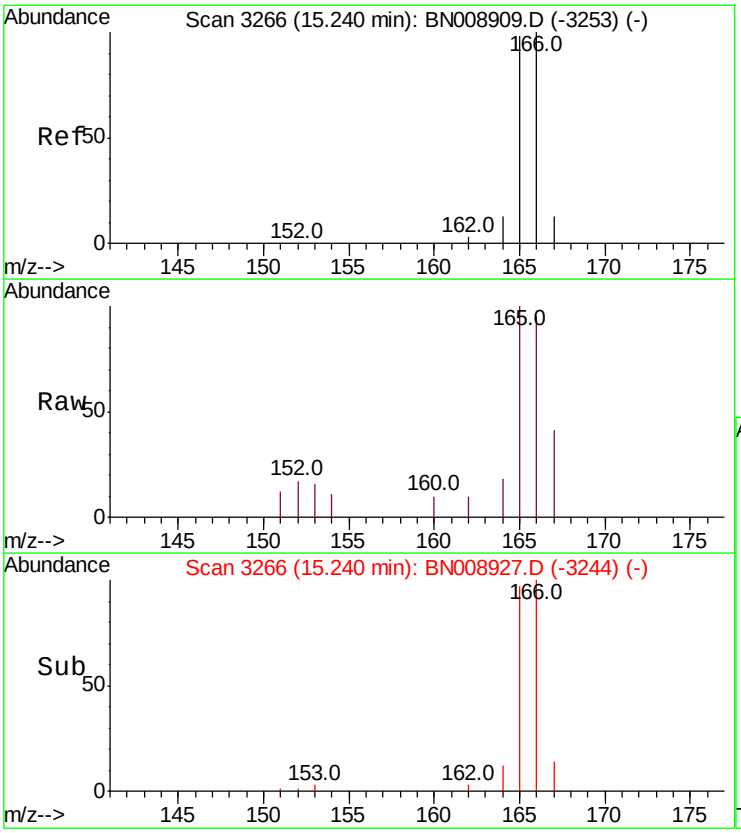
#7
Acenaphthylene
Concen: 0.039 ng/ul
RT: 13.90 min Scan# 2976
Delta R.T. -0.00 min
Lab File: BN008927.D
Acq: 11 Dec 2019 21:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1611

Ion	Ratio	Lower	Upper
152	100		
151	23.9	15.8	23.6#
153	19.3	10.6	15.8#

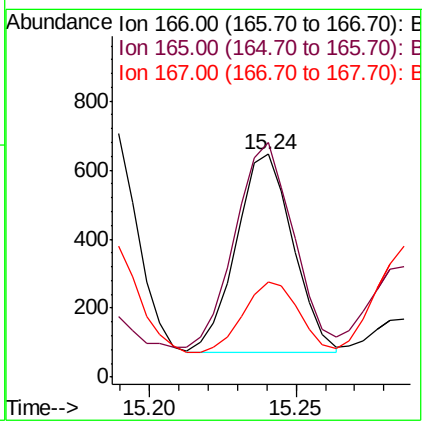


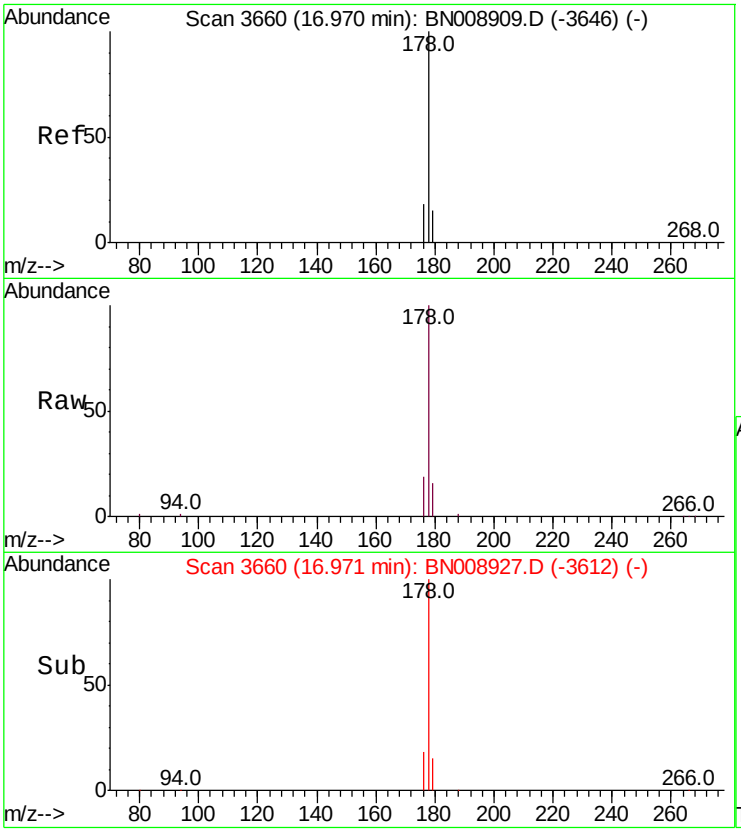


#9
Fluorene
Concen: 0.022 ng/ul
RT: 15.24 min Scan# 3266
Delta R.T. 0.00 min
Lab File: BN008927.D
Acq: 11 Dec 2019 21:09

Tgt Ion:166 Resp: 777

Ion	Ratio	Lower	Upper
166	100		
165	105.4	77.7	116.5
167	42.9	11.1	16.7#



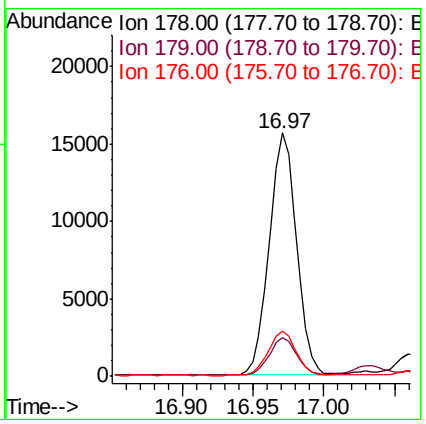


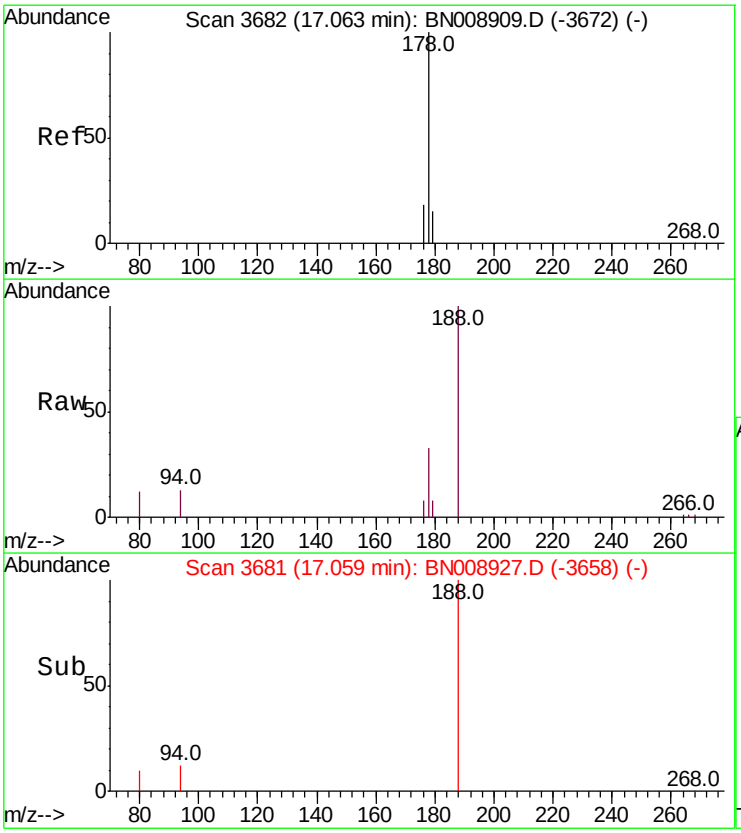
#12
Phenanthrene
Concen: 0.365 ng/ul
RT: 16.97 min Scan# 3660
Delta R.T. 0.00 min
Lab File: BN008927.D
Acq: 11 Dec 2019 21:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 21122

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	18.8
176	18.6	15.3	22.9

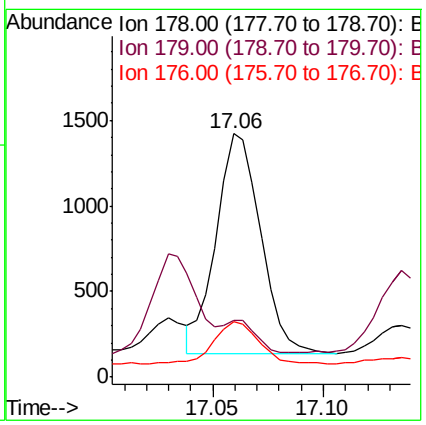


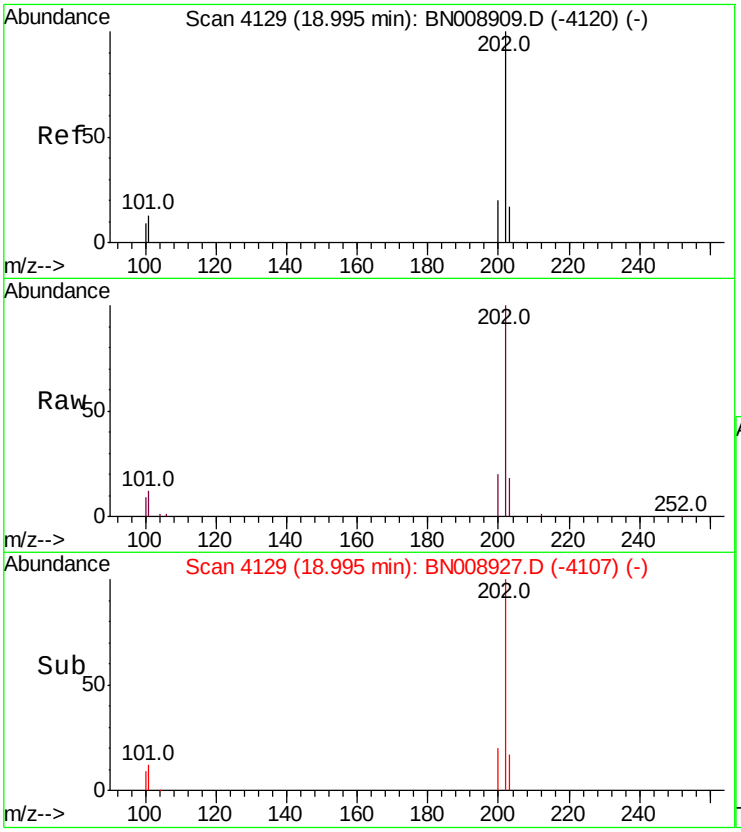


#13
Anthracene
Concen: 0.033 ng/ul
RT: 17.06 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BN008927.D
Acq: 11 Dec 2019 21:09

Tgt Ion:178 Resp: 1782

Ion	Ratio	Lower	Upper
178	100		
179	23.1	12.2	18.4#
176	22.8	14.7	22.1#



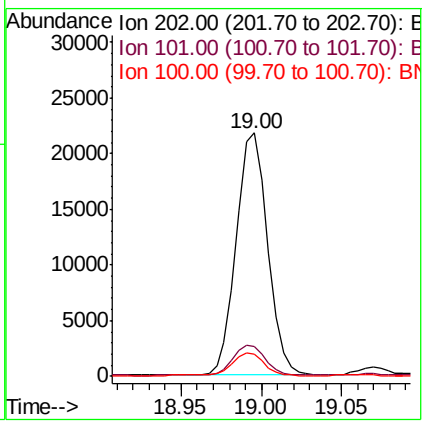


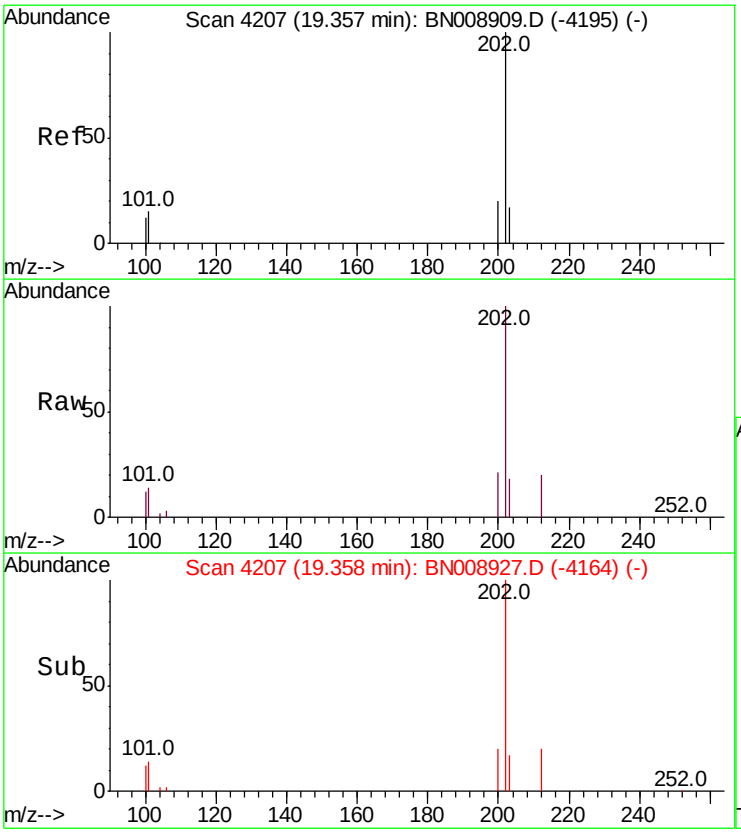
#15
Fluoranthene
Concen: 0.415 ng/ul
RT: 19.00 min Scan# 4129
Delta R.T. 0.00 min
Lab File: BN008927.D
Acq: 11 Dec 2019 21:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 29485

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	32.4
100	8.9	0.0	29.2

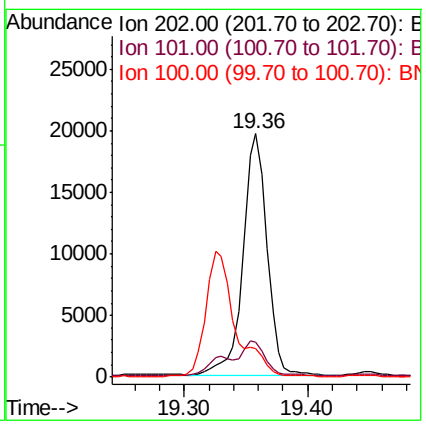


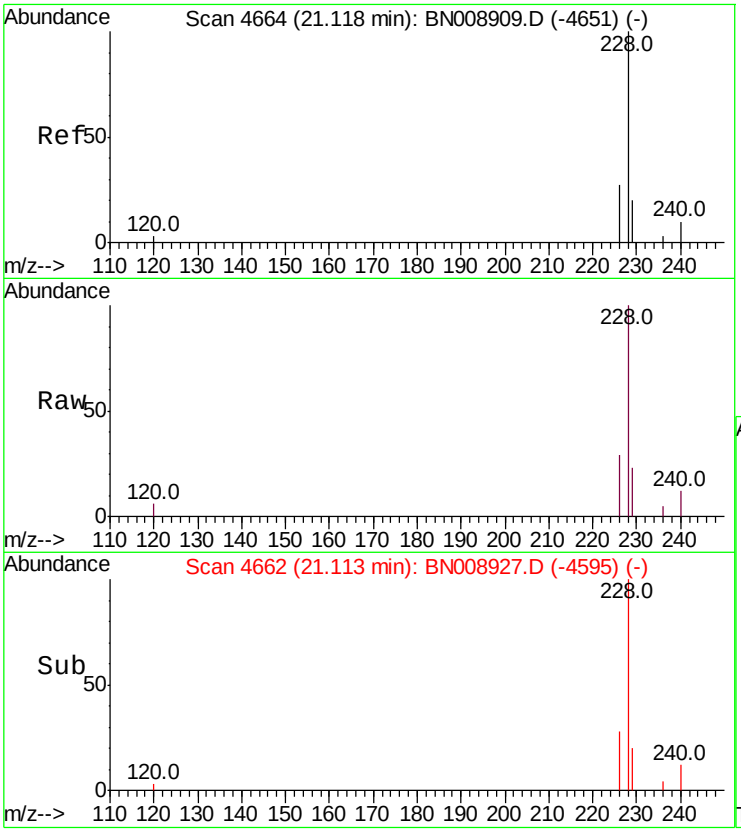


#17
Pyrene
Concen: 0.437 ng/ul
RT: 19.36 min Scan# 4207
Delta R.T. 0.00 min
Lab File: BN008927.D
Acq: 11 Dec 2019 21:09

Tgt Ion:202 Resp: 26588

Ion	Ratio	Lower	Upper
202	100		
101	14.3	12.2	18.4
100	11.8	9.5	14.3



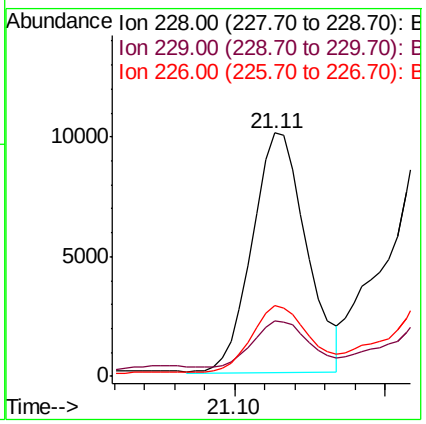


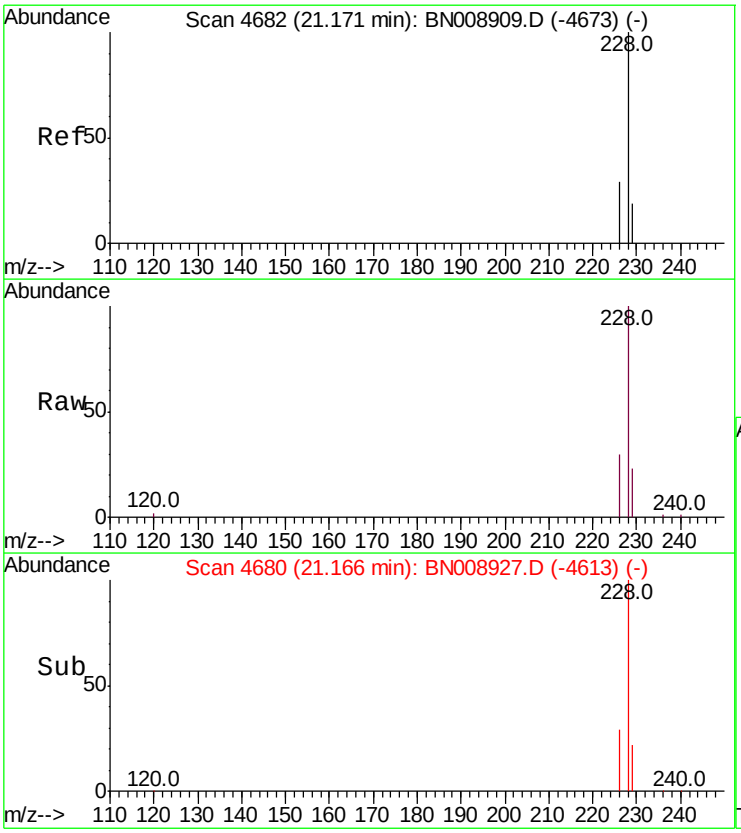
#18
Benzo(a)anthracene
Concen: 0.207 ng/ul
RT: 21.11 min Scan# 4662
Delta R.T. -0.01 min
Lab File: BN008927.D
Acq: 11 Dec 2019 21:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 12609

Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.7	23.5
226	28.8	21.5	32.3

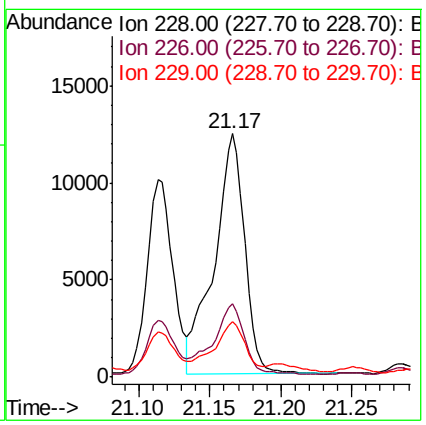


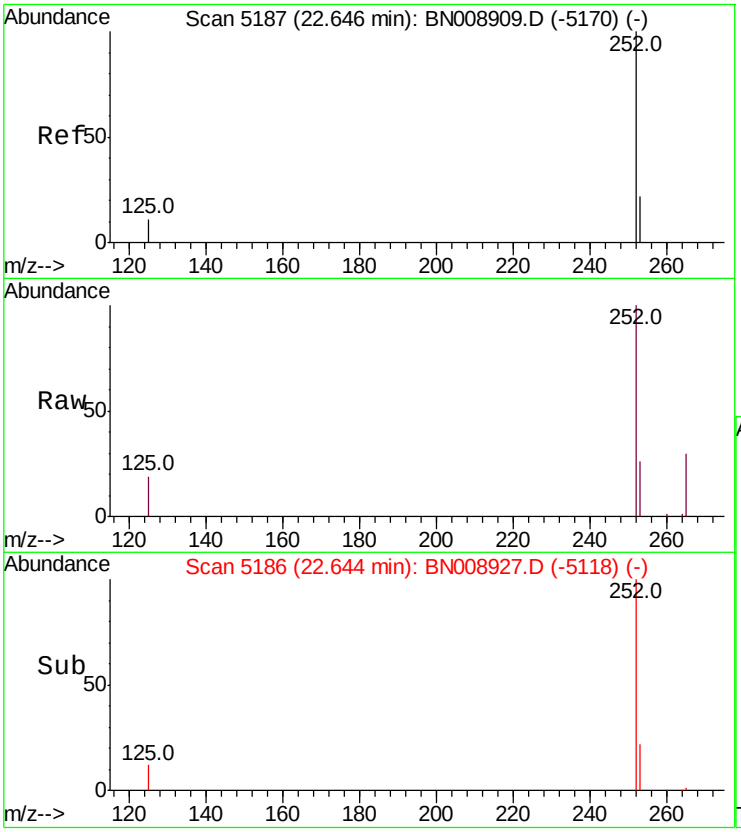


#19
Chrysene
Concen: 0.307 ng/ul
RT: 21.17 min Scan# 4680
Delta R.T. -0.01 min
Lab File: BN008927.D
Acq: 11 Dec 2019 21:09

Tgt Ion:228 Resp: 18411

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	22.8	15.6	23.4



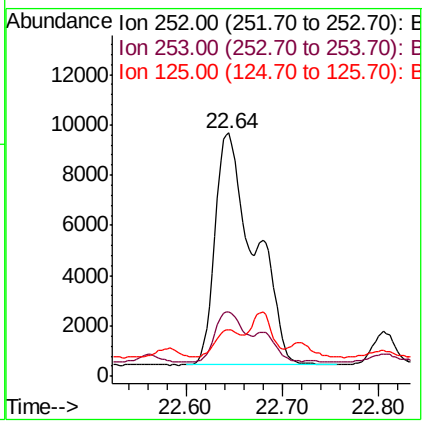


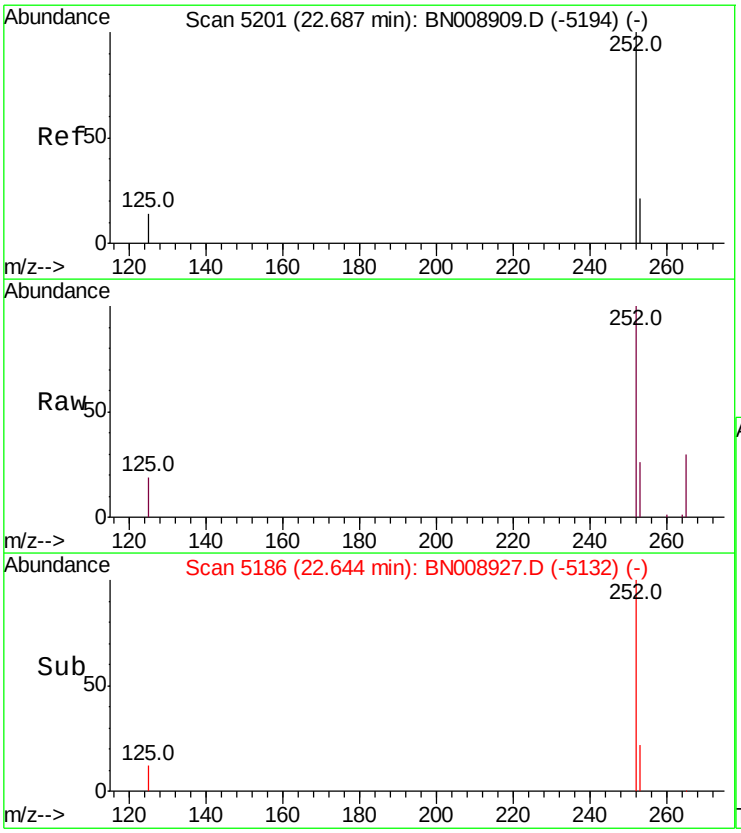
#21
Benzo(b)fluoranthene
Concen: 0.391 ng/ul
RT: 22.64 min Scan# 5186
Delta R.T. -0.00 min
Lab File: BN008927.D
Acq: 11 Dec 2019 21:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 26104

Ion	Ratio	Lower	Upper
252	100		
253	26.5	0.0	48.6
125	19.1	0.0	31.6

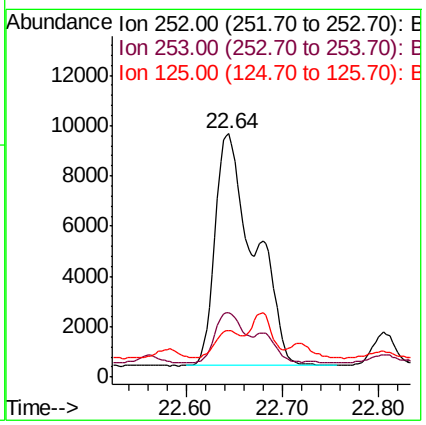


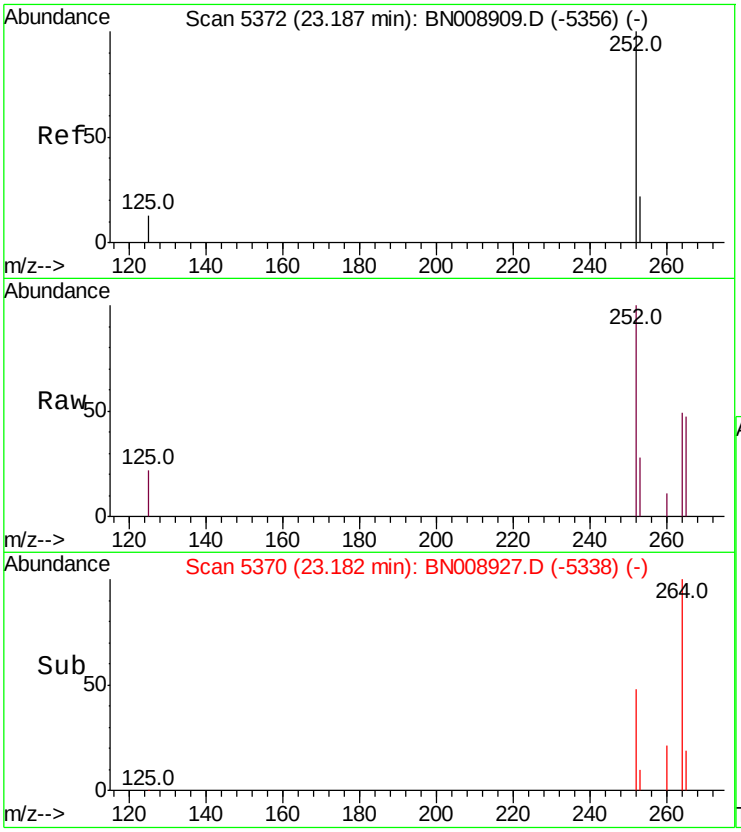


#22
Benzo(k)fluoranthene
Concen: 0.394 ng/ul
RT: 22.64 min Scan# 5186
Delta R.T. -0.04 min
Lab File: BN008927.D
Acq: 11 Dec 2019 21:09

Tgt Ion:252 Resp: 26104

Ion	Ratio	Lower	Upper
252	100		
253	26.5	19.6	29.4
125	19.1	13.8	20.6



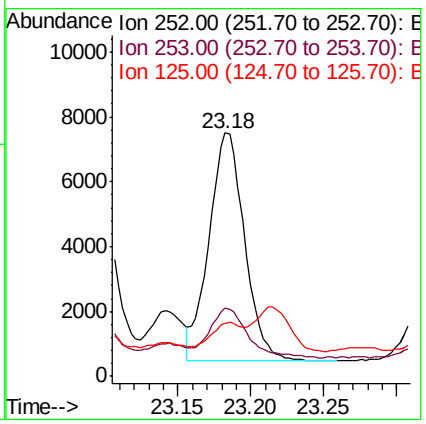


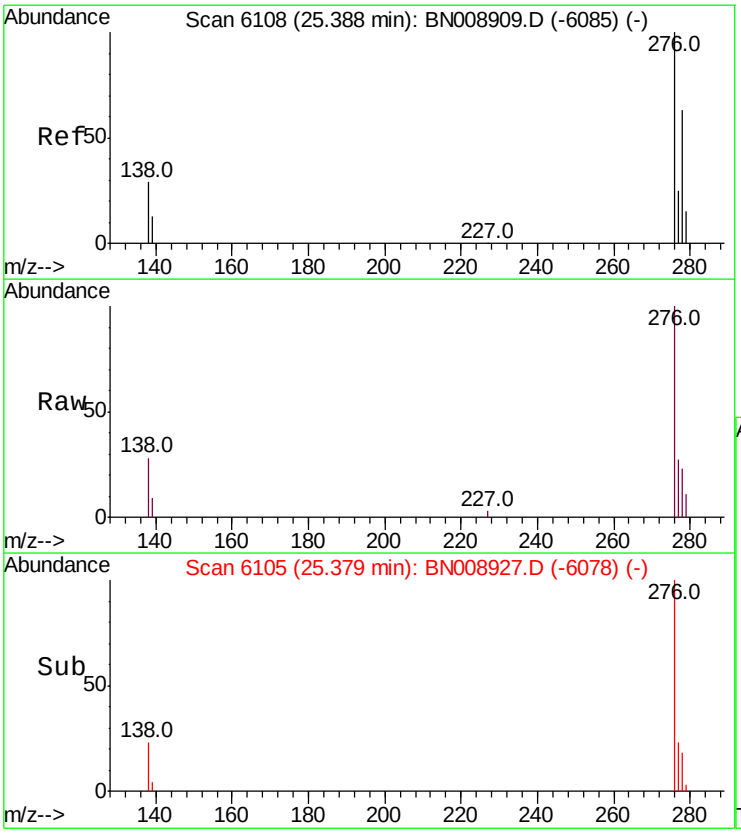
#23
Benzo(a)pyrene
Concen: 0.190 ng/ul
RT: 23.18 min Scan# 5370
Delta R.T. -0.01 min
Lab File: BN008927.D
Acq: 11 Dec 2019 21:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 11902

Ion	Ratio	Lower	Upper
252	100		
253	28.1	19.9	29.9
125	21.7	14.6	22.0

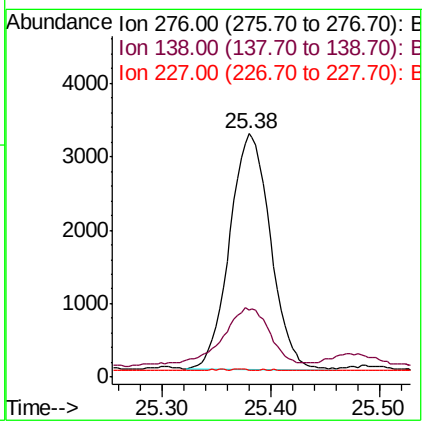


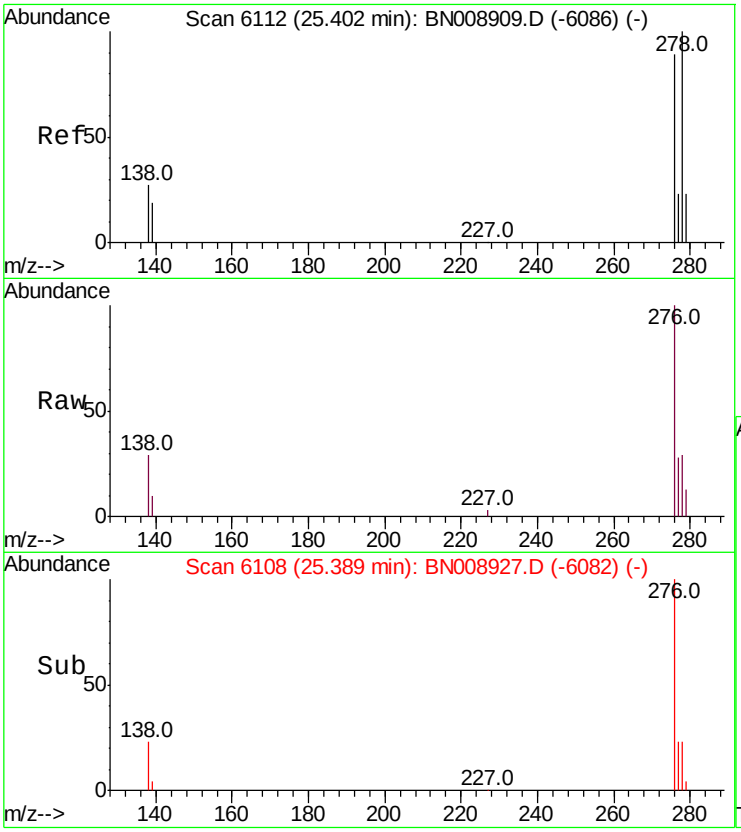


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.114 ng/ul
RT: 25.38 min Scan# 6105
Delta R.T. -0.01 min
Lab File: BN008927.D
Acq: 11 Dec 2019 21:09

Tgt Ion:276 Resp: 8356

Ion	Ratio	Lower	Upper
276	100		
138	27.8	23.8	35.6
227	0.2	0.2	0.2



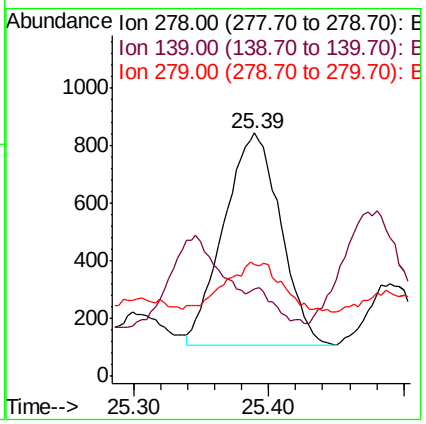


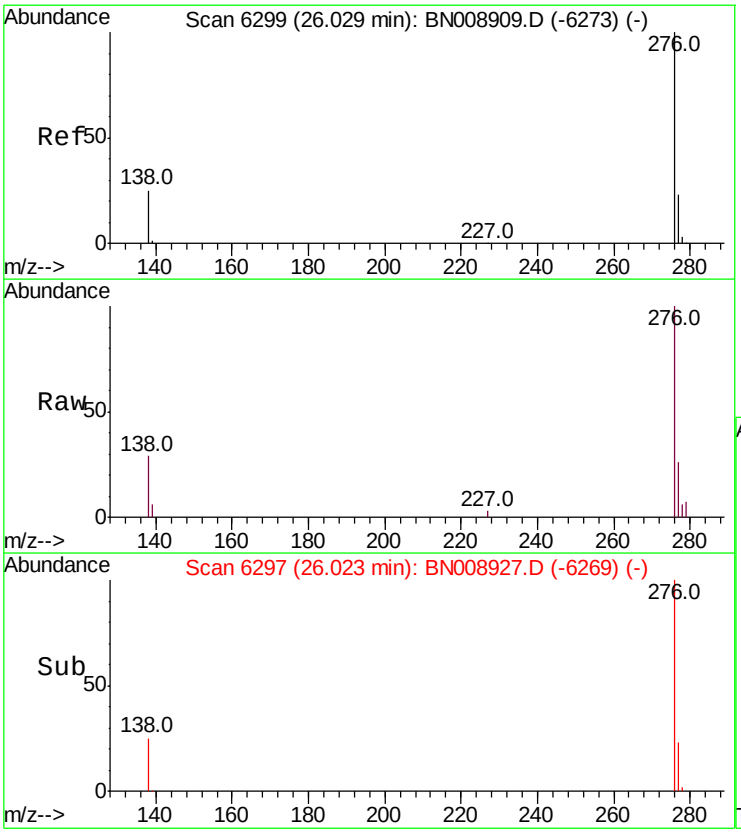
#25
Dibenzo(a,h)anthracene
Concen: 0.036 ng/ul
RT: 25.39 min Scan# 6108
Delta R.T. -0.01 min
Lab File: BN008927.D
Acq: 11 Dec 2019 21:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 2155

Ion	Ratio	Lower	Upper
278	100		
139	35.8	17.4	26.0#
279	45.9	20.5	30.7#





#26
Benzo(g,h,i)perylene
Concen: 0.130 ng/ul
RT: 26.02 min Scan# 6297
Delta R.T. -0.01 min
Lab File: BN008927.D
Acq: 11 Dec 2019 21:09

Tgt Ion:276 Resp: 7948

Ion	Ratio	Lower	Upper
276	100		
138	28.9	21.9	32.9
277	26.5	19.9	29.9