Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072020\
Data File : BN011209.D
Acq On : 20 Jul 2020 15:16
Operator : CG/JU
Sample : L3260-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : X2M78

Quant Time: Jul 20 15:47:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN072020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 20 12:53:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	1089	0.40	ng/ul	0.00
2) Naphthalene-d8	10.24	136	3975	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	2434	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.88	188	5473	0.40	ng/ul	0.00
16) Chrysene-d12	21.10	240	4379	0.40	ng/ul	0.00
20) Perylene-d12	23.23	264	3924	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.84	152	1576	0.16	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	5088	0.22	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.29	128	4769	0.401	ng/ul	99
5) 2-Methylnaphthalene	11.91	142	3425	0.440	ng/ul	100
7) Acenaphthylene	13.83	152	5621	0.476	ng/ul	99
8) Acenaphthene	14.18	153	4699	0.507	ng/ul	99
11) Pentachlorophenol	16.54	266	1172	1.003	ng/ul	98
13) Anthracene	17.01	178	6547	0.440	ng/ul	100
17) Pyrene	19.31	202	15283	0.654	ng/ul	99
19) Chrysene	21.13	228	10204	0.496	ng/ul	99
21) Benzo(b)fluoranthene	22.60	252	10619	0.627	ng/ul	93
22) Benzo(k)fluoranthene	22.64	252	18934	0.974	ng/ul	93
25) Dibenzo(a,h)anthracene	25.33	278	9117	0.720	ng/ul	91

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

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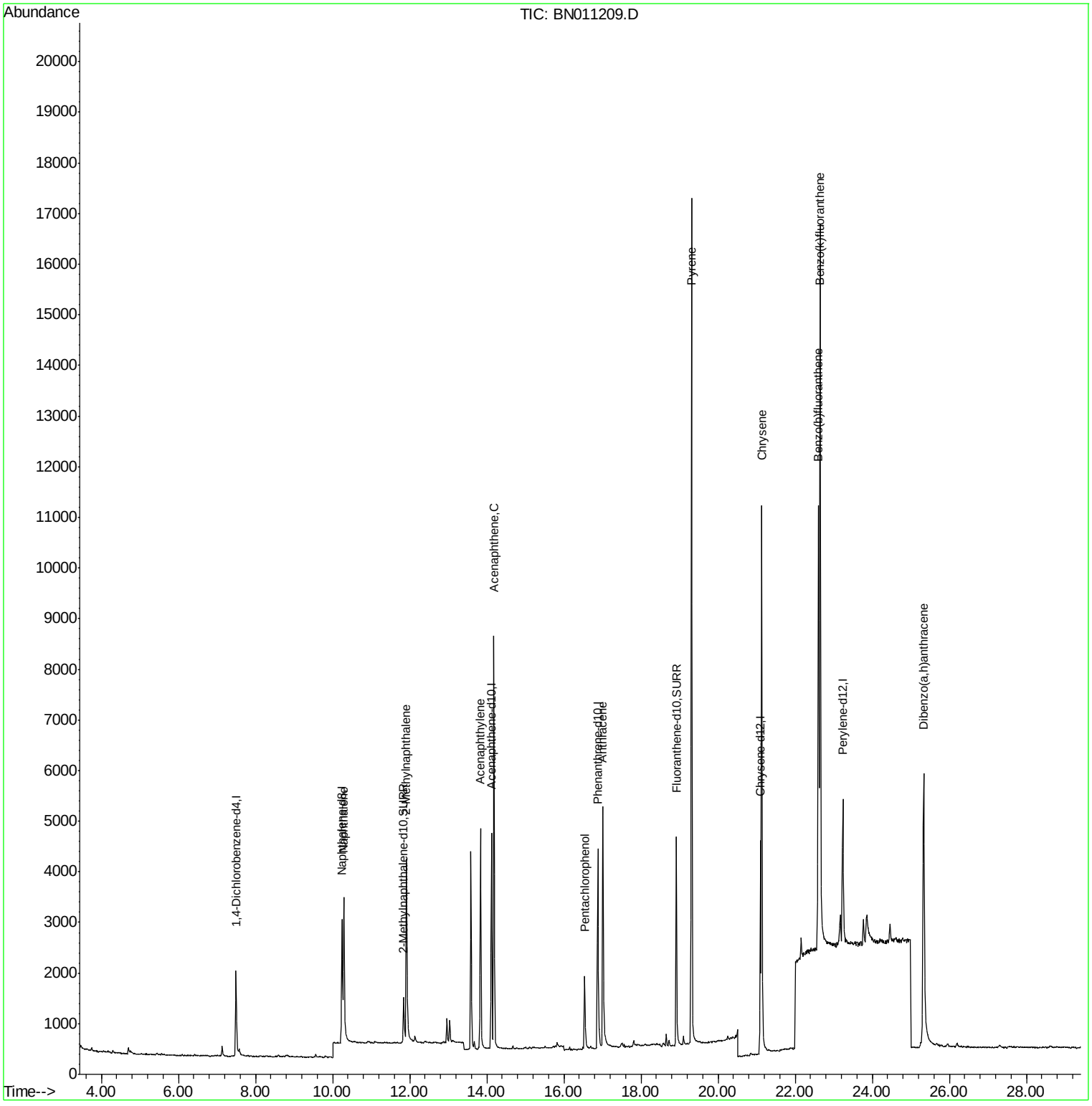
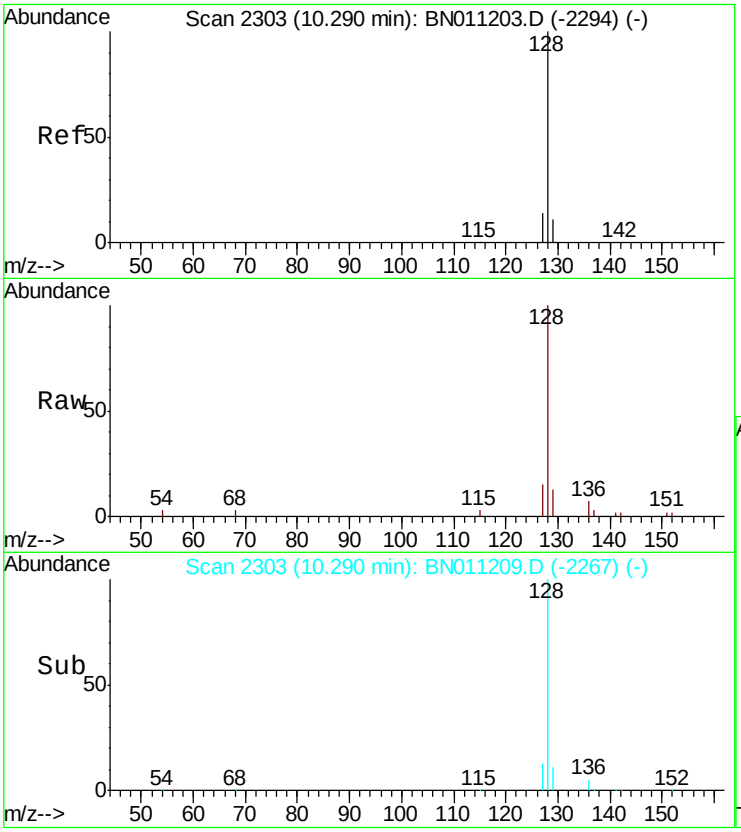


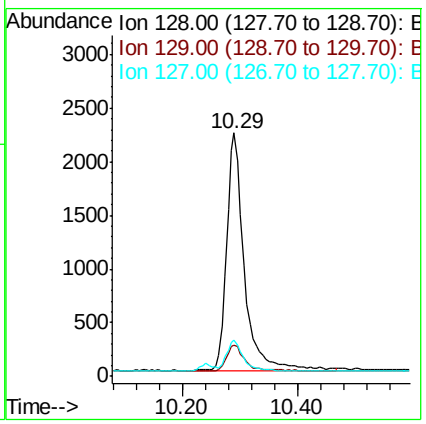


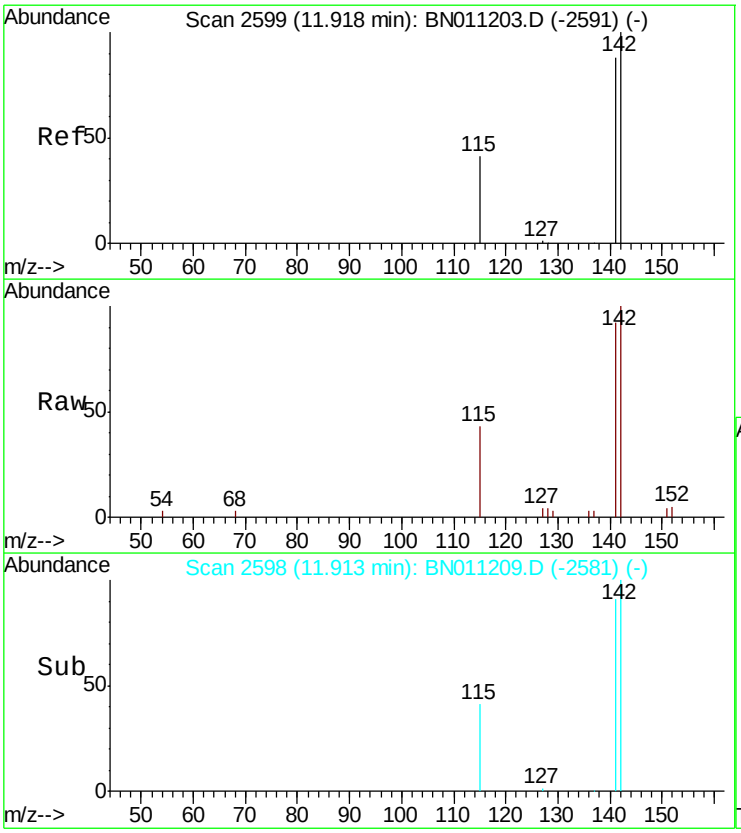
#3
Naphthalene
Concen: 0.401 ng/ul
RT: 10.29 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BN011209.D
Acq: 20 Jul 2020 15:16

Instrument :
BNA_N
ClientSampleId :
X2M78

Tgt Ion:128 Resp: 4769

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.9	14.9
127	14.9	12.1	18.1

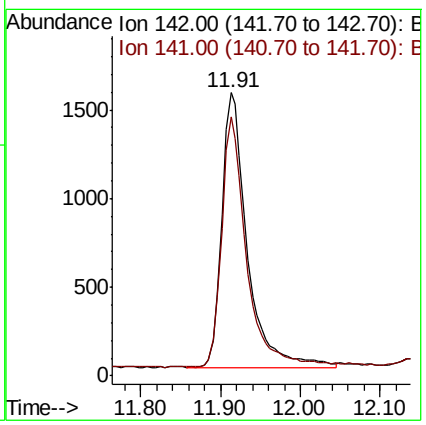


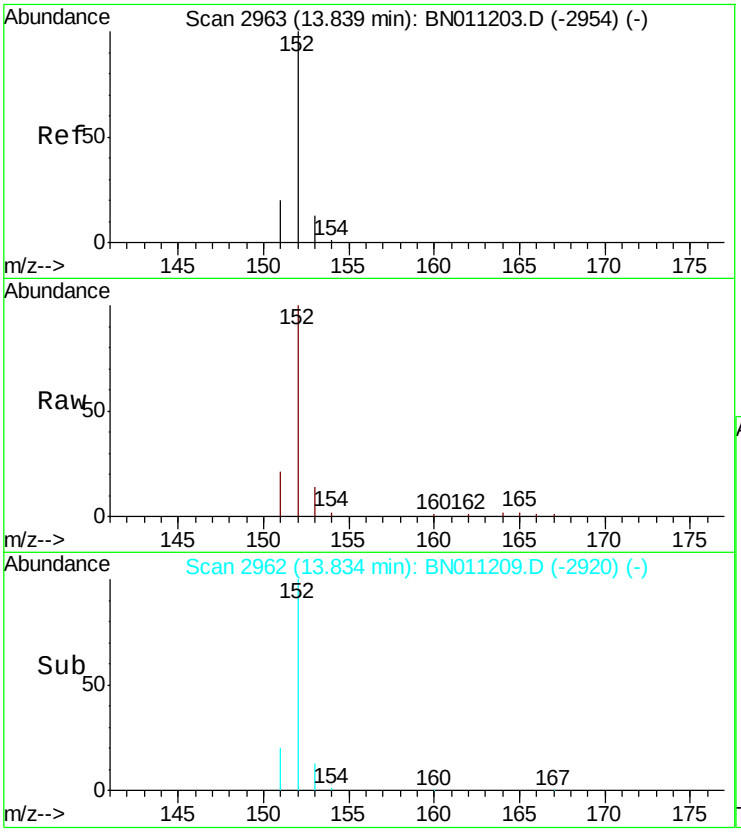


#5
2-Methylnaphthalene
Concen: 0.440 ng/ul
RT: 11.91 min Scan# 2598
Delta R.T. -0.01 min
Lab File: BN011209.D
Acq: 20 Jul 2020 15:16

Tgt Ion:142 Resp: 3425

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9



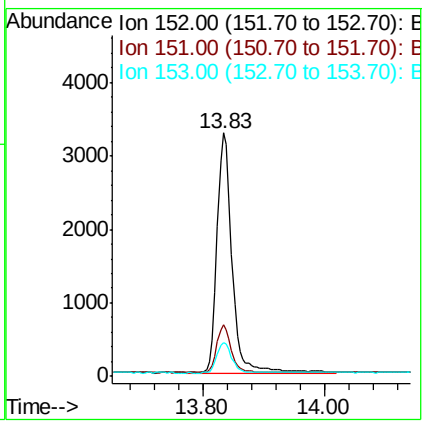


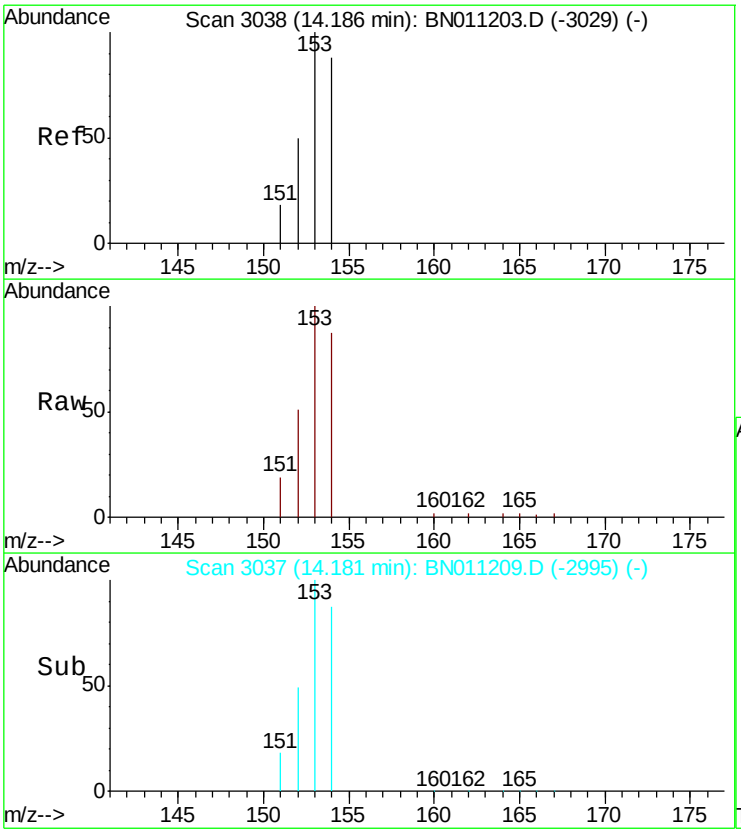
#7
Acenaphthylene
Concen: 0.476 ng/ul
RT: 13.83 min Scan# 2962
Delta R.T. -0.00 min
Lab File: BN011209.D
Acq: 20 Jul 2020 15:16

Instrument :
BNA_N
ClientSampleId :
X2M78

Tgt Ion:152 Resp: 5621

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.7	25.1
153	14.0	11.6	17.4

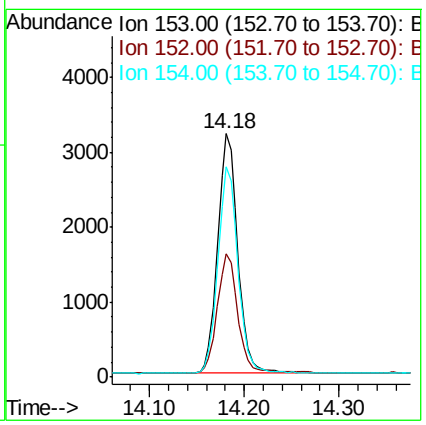


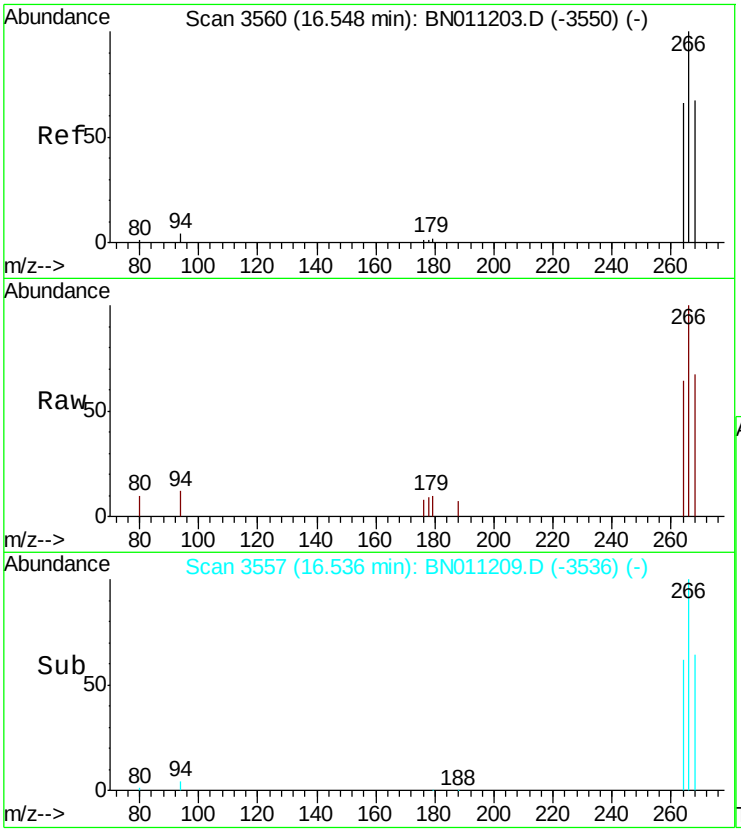


#8
Acenaphthene
Concen: 0.507 ng/ul
RT: 14.18 min Scan# 3037
Delta R.T. -0.00 min
Lab File: BN011209.D
Acq: 20 Jul 2020 15:16

Tgt Ion:153 Resp: 4699

Ion	Ratio	Lower	Upper
153	100		
152	50.5	40.8	61.2
154	86.6	70.6	105.8



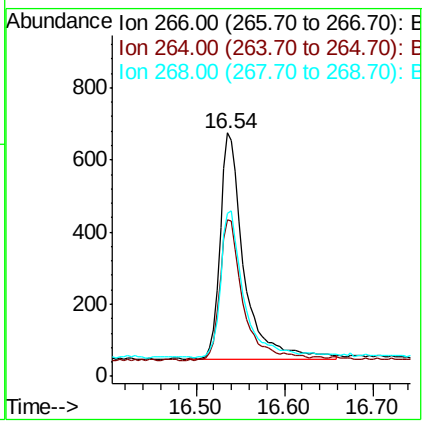


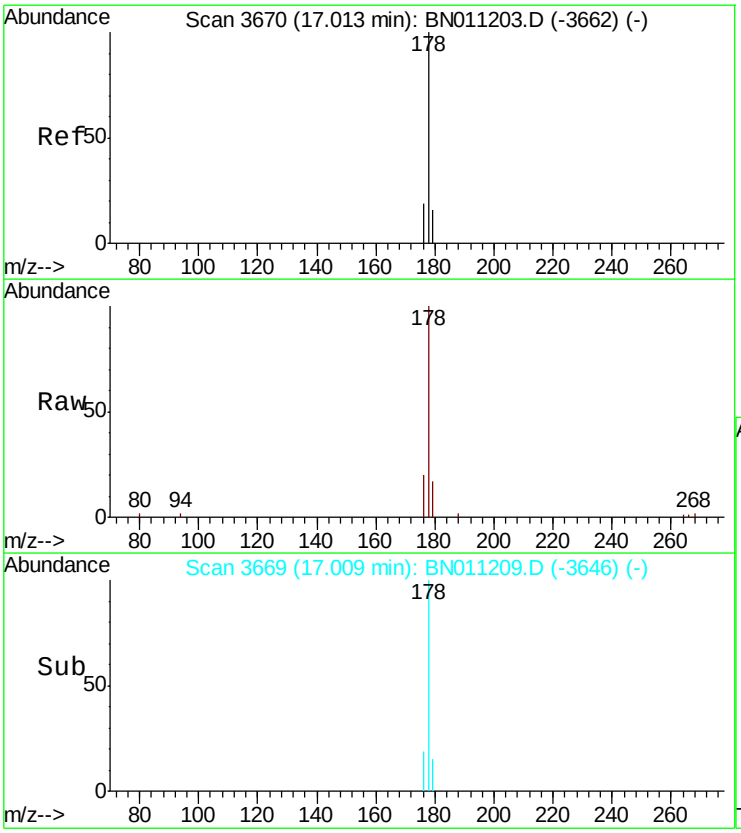
#11
Pentachlorophenol
Concen: 1.003 ng/ul
RT: 16.54 min Scan# 3557
Delta R.T. -0.01 min
Lab File: BN011209.D
Acq: 20 Jul 2020 15:16

Instrument :
BNA_N
ClientSampleId :
X2M78

Tgt Ion:266 Resp: 1172

Ion	Ratio	Lower	Upper
266	100		
264	62.2	50.3	75.5
268	65.4	54.4	81.6

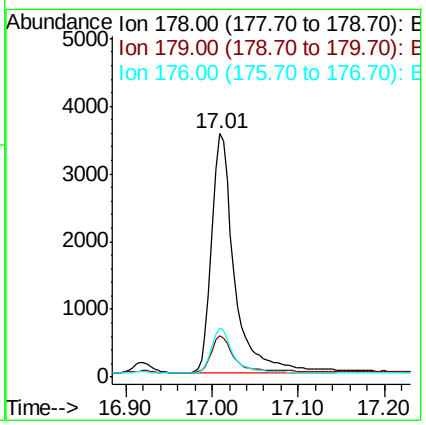


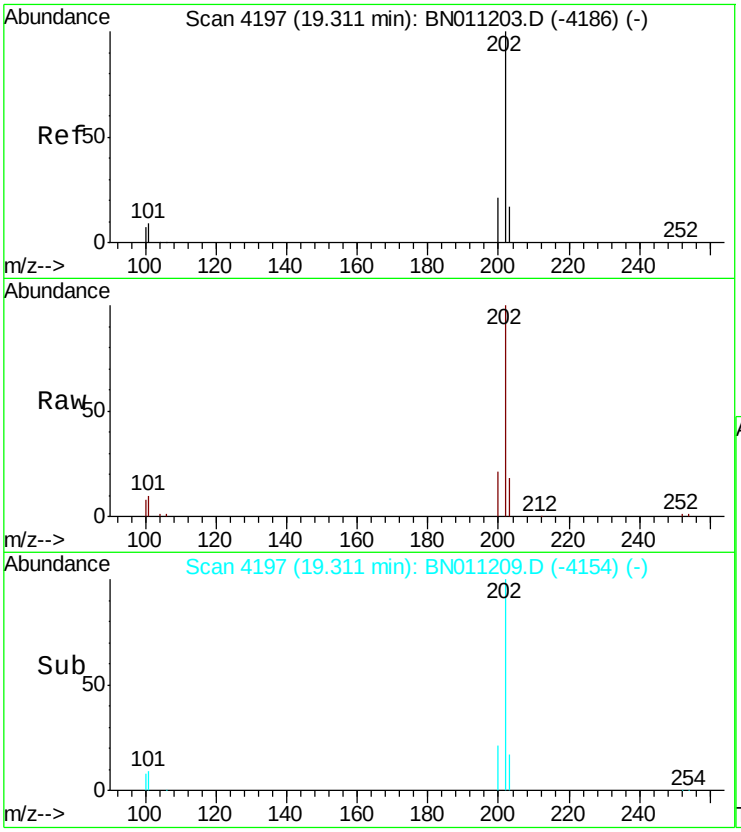


#13
Anthracene
Concen: 0.440 ng/ul
RT: 17.01 min Scan# 3669
Delta R.T. -0.00 min
Lab File: BN011209.D
Acq: 20 Jul 2020 15:16

Tgt Ion:178 Resp: 6547

Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.8	20.6
176	19.9	16.2	24.2



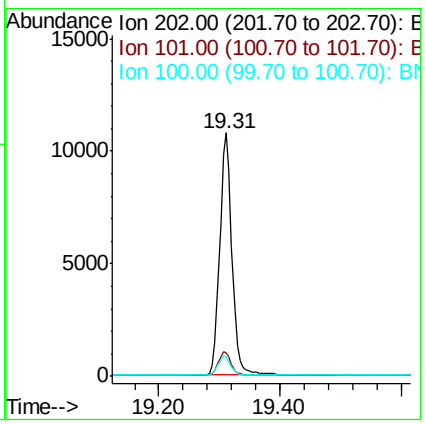


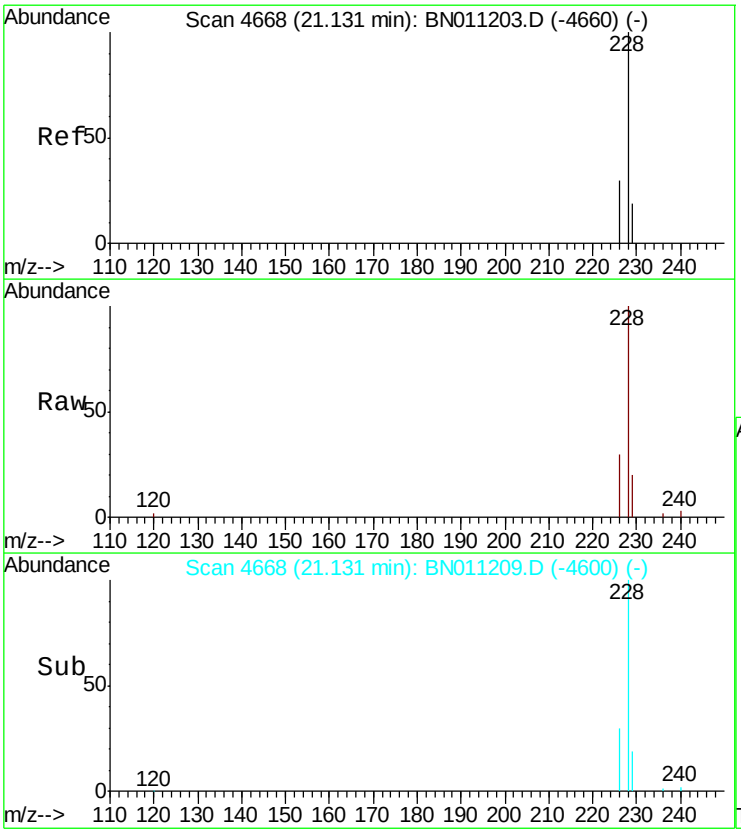
#17
Pyrene
Concen: 0.654 ng/ul
RT: 19.31 min Scan# 4197
Delta R.T. -0.00 min
Lab File: BN011209.D
Acq: 20 Jul 2020 15:16

Instrument :
BNA_N
ClientSampleId :
X2M78

Tgt Ion:202 Resp: 15283

Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.5	12.7
100	8.3	6.7	10.1

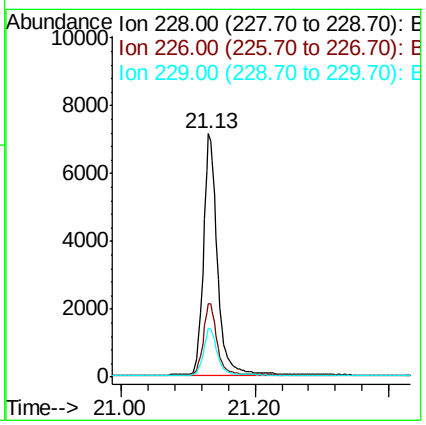


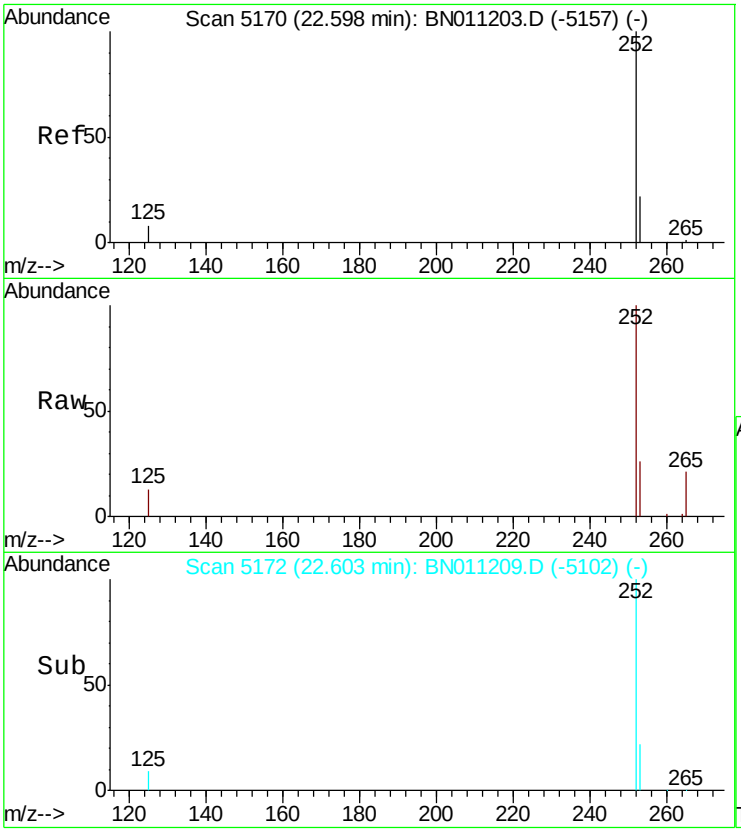


#19
Chrysene
Concen: 0.496 ng/ul
RT: 21.13 min Scan# 4668
Delta R.T. -0.00 min
Lab File: BN011209.D
Acq: 20 Jul 2020 15:16

Tgt Ion:228 Resp: 10204

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.5	36.7
229	19.9	16.2	24.4



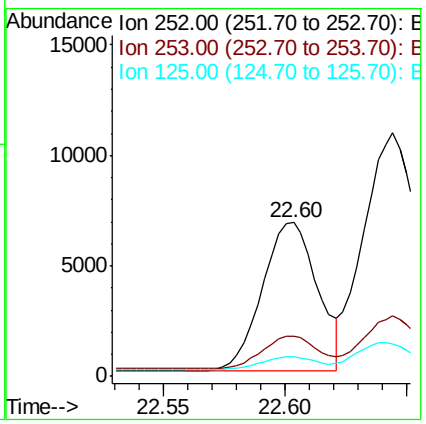


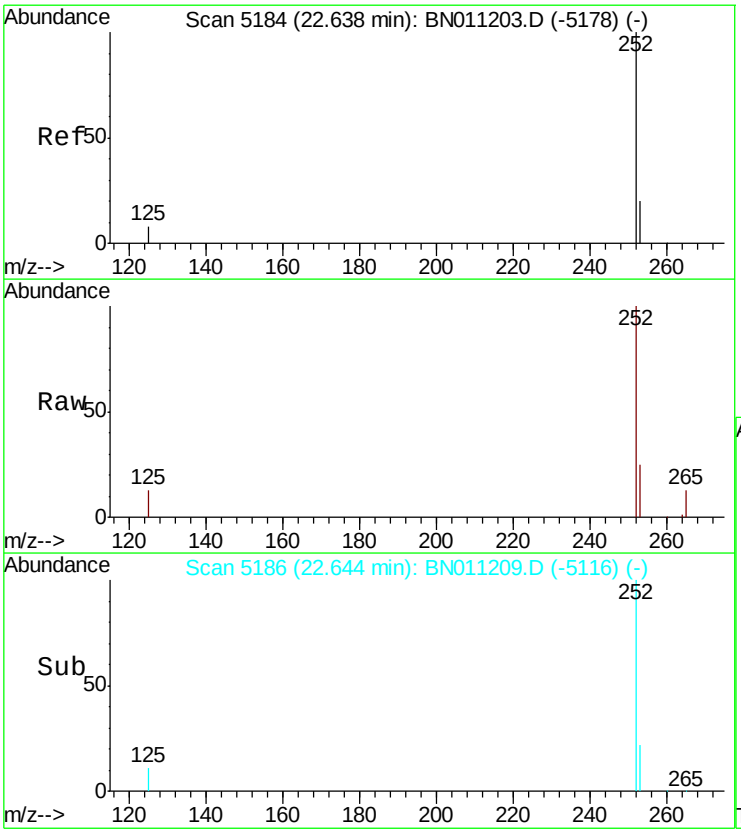
#21
Benzo(b)fluoranthene
Concen: 0.627 ng/ul
RT: 22.60 min Scan# 5172
Delta R.T. 0.01 min
Lab File: BN011209.D
Acq: 20 Jul 2020 15:16

Instrument :
BNA_N
ClientSampleId :
X2M78

Tgt Ion:252 Resp: 10619

Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	61.0
125	12.7	0.0	29.4

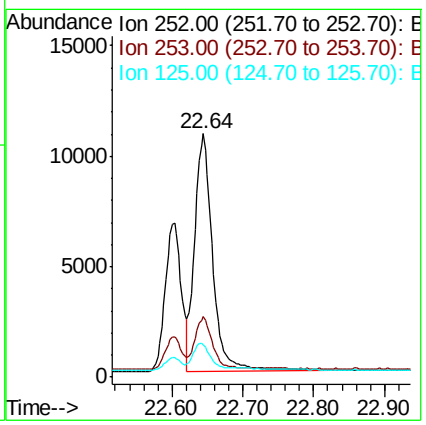


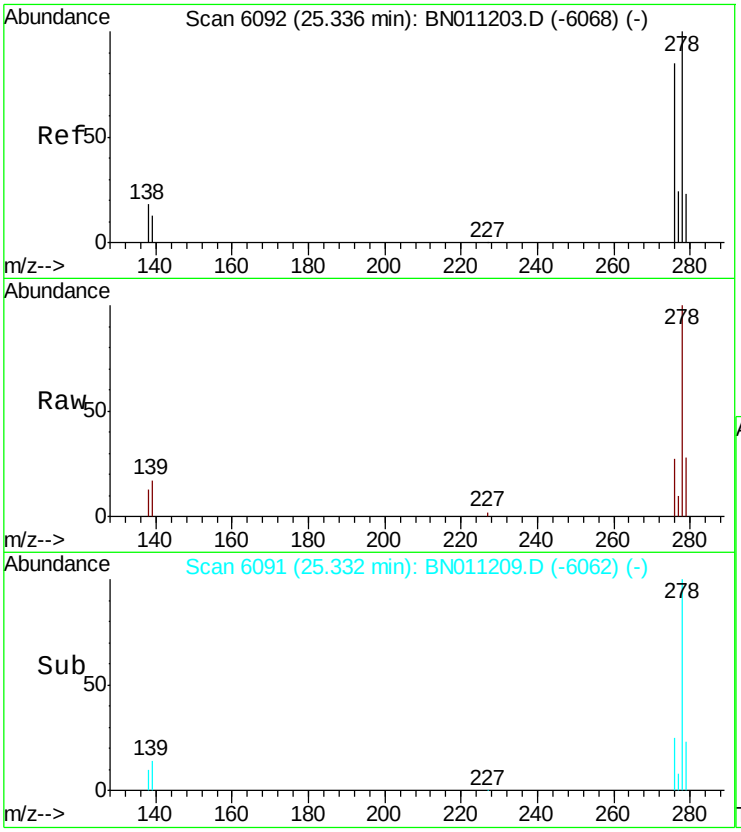


#22
Benzo(k)fluoranthene
Concen: 0.974 ng/ul
RT: 22.64 min Scan# 5186
Delta R.T. 0.01 min
Lab File: BN011209.D
Acq: 20 Jul 2020 15:16

Tgt Ion:252 Resp: 18934

Ion	Ratio	Lower	Upper
252	100		
253	24.7	23.2	34.8
125	13.4	12.4	18.6





#25
Dibenzo(a,h)anthracene
Concen: 0.720 ng/ul
RT: 25.33 min Scan# 6091
Delta R.T. -0.00 min
Lab File: BN011209.D
Acq: 20 Jul 2020 15:16

Instrument :
BNA_N
ClientSampleId :
X2M78

Tgt Ion:278 Resp: 9117

Ion	Ratio	Lower	Upper
278	100		
139	16.8	15.2	22.8
279	27.9	27.8	41.8