Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012689.D
Acq On : 21 Nov 2020 16:58
Operator : CG/JU
Sample : L4710-22DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AY7DL

Quant Time: Nov 23 01:25:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 01:22:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	1145	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.20	136	4630	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.10	164	2427	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	4914	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	4333	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	4455	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.80	152	204	0.03	ng/ul	-0.02
14) Fluoranthene-d10	18.89	212	464	0.04	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.81	152	770	0.065	ng/ul#	84
9) Fluorene	15.16	166	323	0.029	ng/ul#	92
12) Phenanthrene	16.89	178	5626	0.329	ng/ul	99
13) Anthracene	16.98	178	923	0.062	ng/ul#	88
15) Fluoranthene	18.92	202	11036	0.559	ng/ul	99
17) Pyrene	19.28	202	11590	0.598	ng/ul#	93
18) Benzo(a)anthracene	21.05	228	5498	0.354	ng/ul	97
19) Chrysene	21.10	228	7078	0.365	ng/ul	97
21) Benzo(b)fluoranthene	22.56	252	13739	0.670	ng/ul	96
22) Benzo(k)fluoranthene	22.56	252	13739	0.581	ng/ul#	94
23) Benzo(a)pyrene	23.09	252	6661	0.345	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.26	276	5050	0.200	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.27	278	1171	0.058	ng/ul#	53
26) Benzo(g,h,i)perylene	25.90	276	4919	0.217	ng/ul#	95

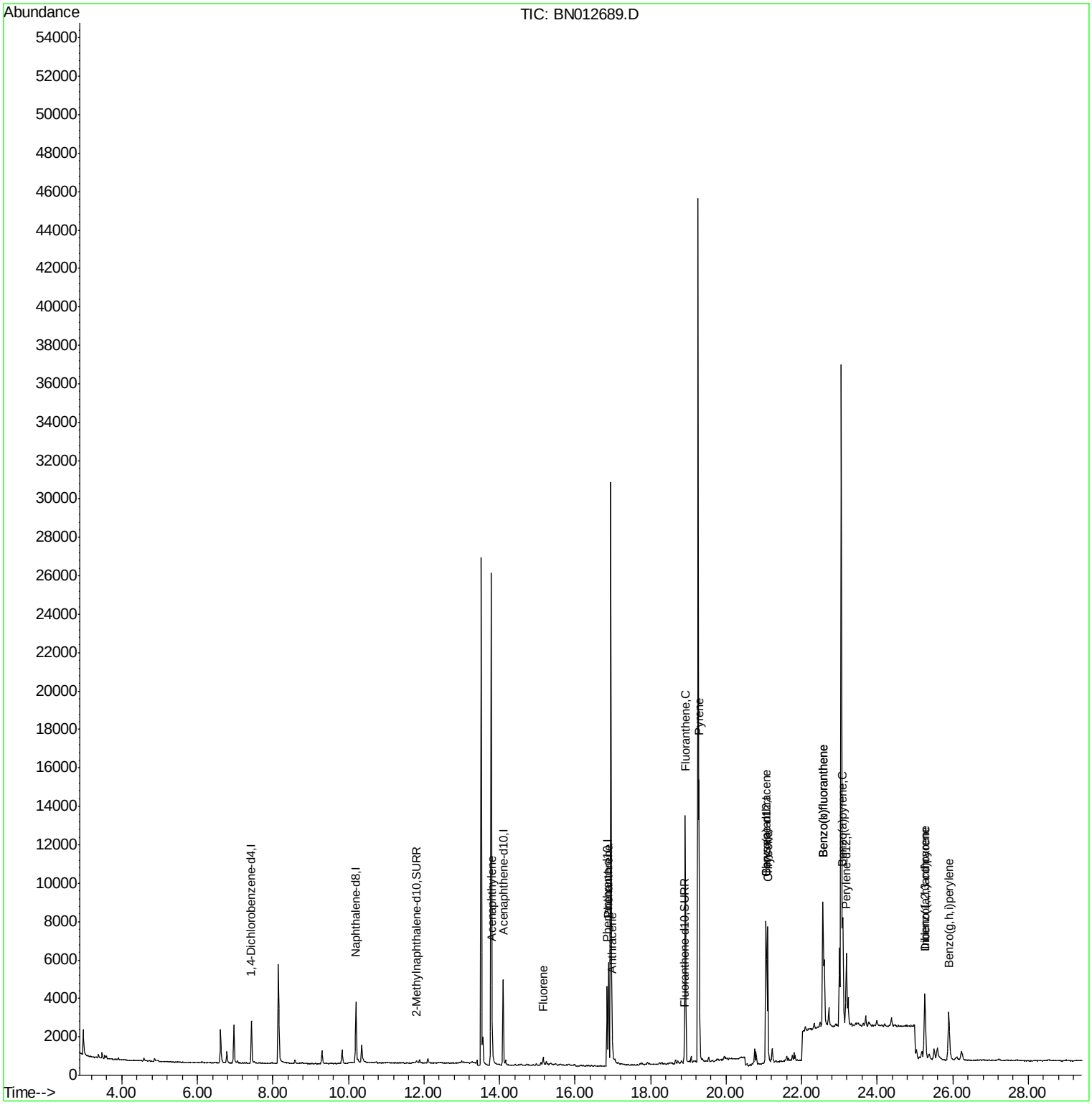
(#) = qualifier out of range (m) = manual integration (+) = signals summed

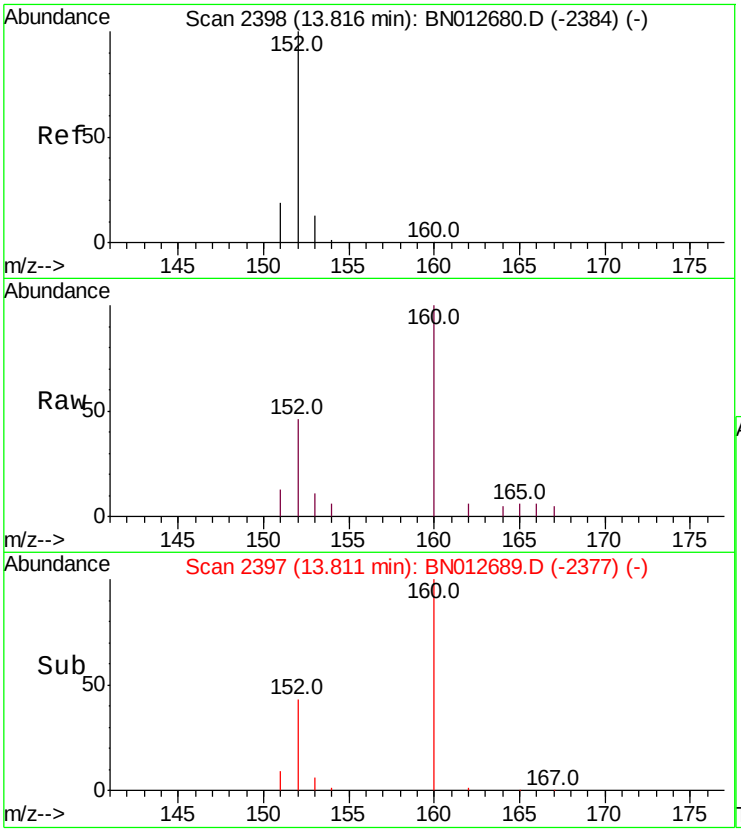
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012689.D
Acq On : 21 Nov 2020 16:58
Operator : CG/JU
Sample : L4710-22DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7DL

Quant Time: Nov 23 01:25:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 01:22:42 2020
Response via : Initial Calibration



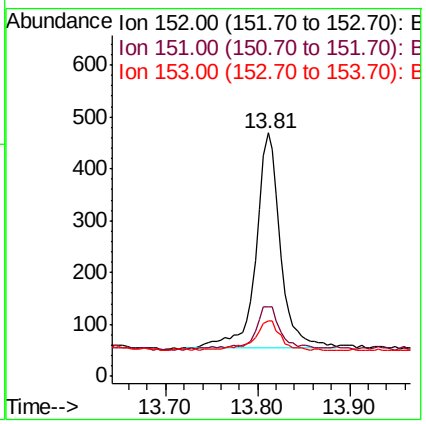


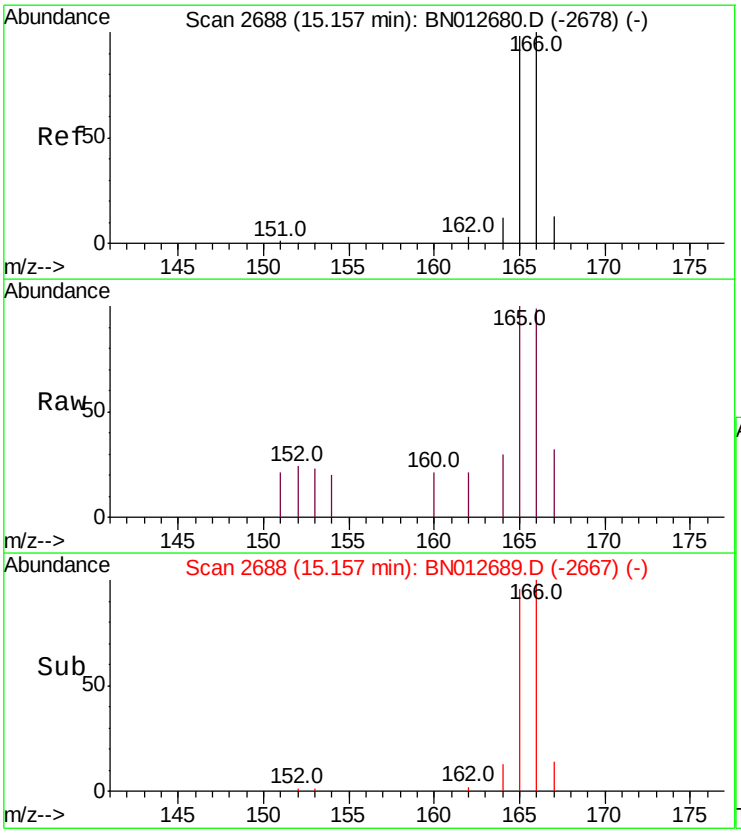
#7
Acenaphthylene
Concen: 0.065 ng/ul
RT: 13.81 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BN012689.D
Acq: 21 Nov 2020 16:58

Instrument :
BNA_N
ClientSampleId :
C0AY7DL

Tgt Ion:152 Resp: 770

Ion	Ratio	Lower	Upper
152	100		
151	28.8	17.1	25.7#
153	23.0	12.6	19.0#

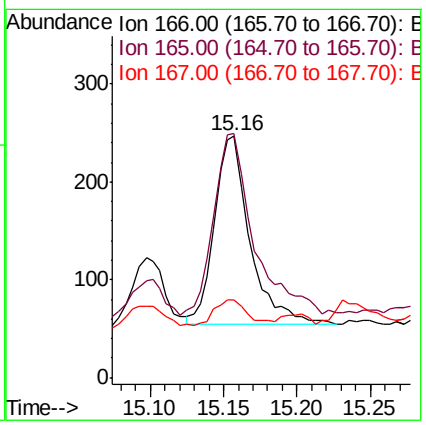


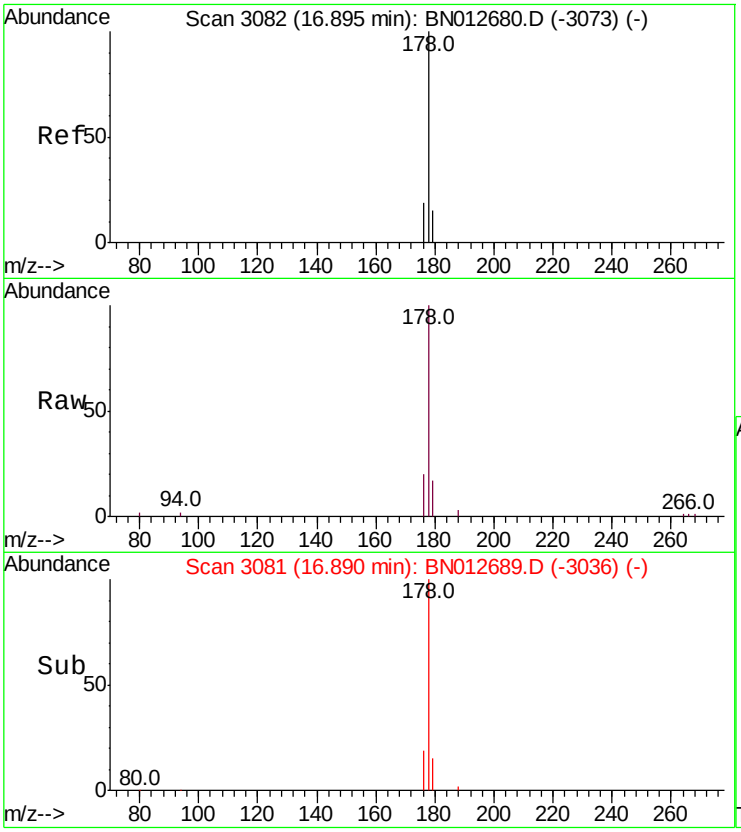


#9
Fluorene
Concen: 0.029 ng/ul
RT: 15.16 min Scan# 2688
Delta R.T. -0.00 min
Lab File: BN012689.D
Acq: 21 Nov 2020 16:58

Tgt Ion:166 Resp: 323

Ion	Ratio	Lower	Upper
166	100		
165	100.8	78.5	117.7
167	32.4	12.7	19.1#



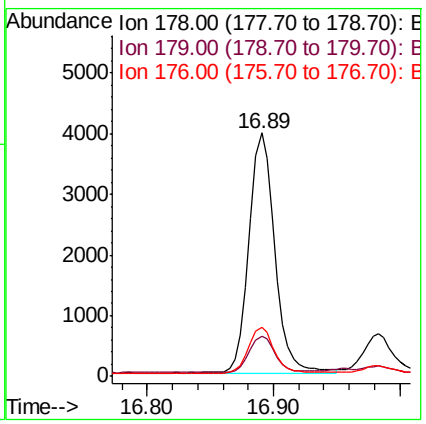


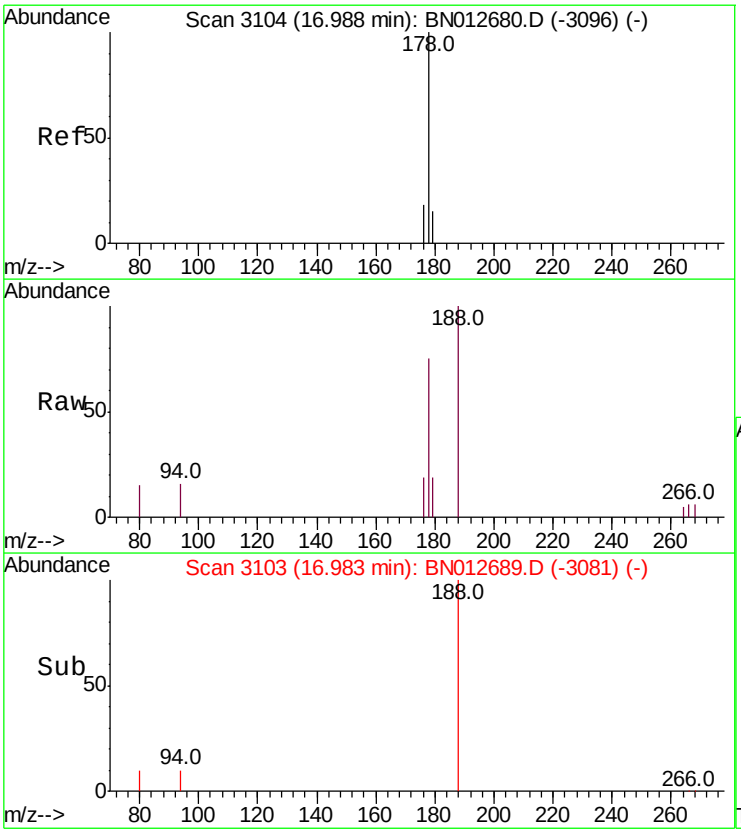
#12
Phenanthrene
Concen: 0.329 ng/ul
RT: 16.89 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BN012689.D
Acq: 21 Nov 2020 16:58

Instrument :
BNA_N
ClientSampleId :
C0AY7DL

Tgt Ion:178 Resp: 5626

Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.8	20.6
176	20.2	16.7	25.1

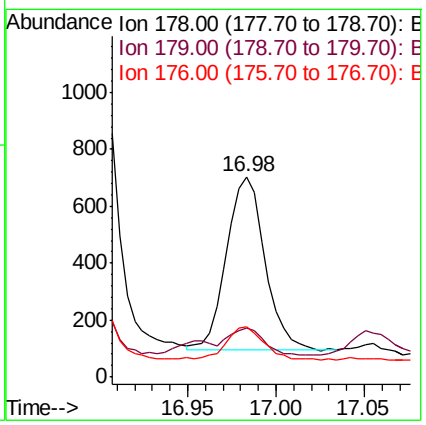


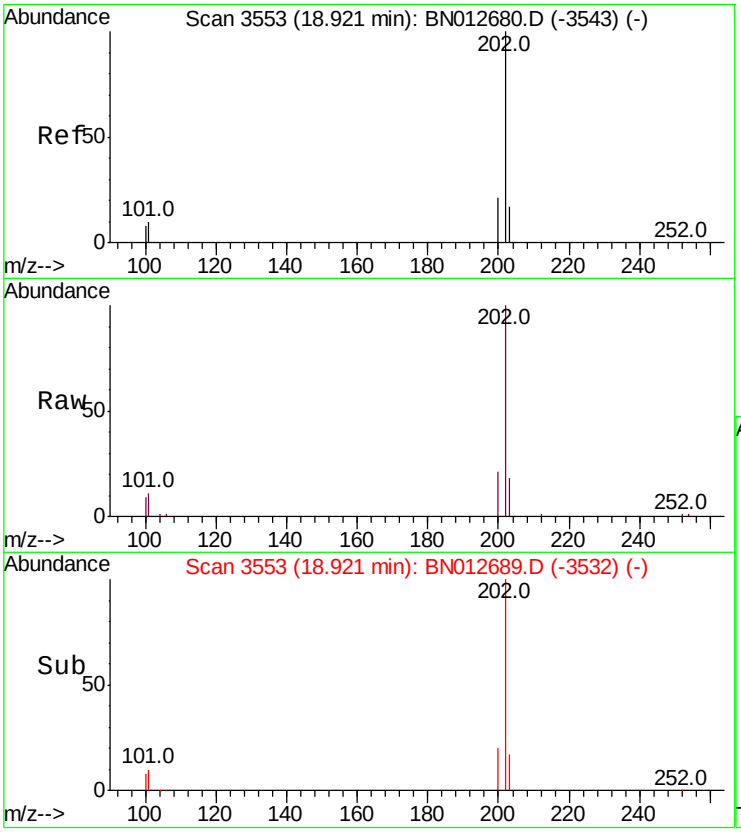


#13
Anthracene
Concen: 0.062 ng/ul
RT: 16.98 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN012689.D
Acq: 21 Nov 2020 16:58

Tgt Ion:178 Resp: 923

Ion	Ratio	Lower	Upper
178	100		
179	24.7	14.8	22.2#
176	25.0	16.3	24.5#



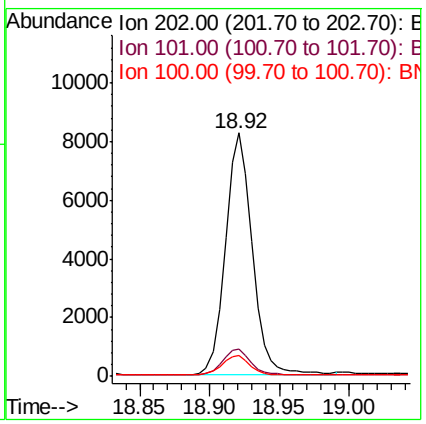


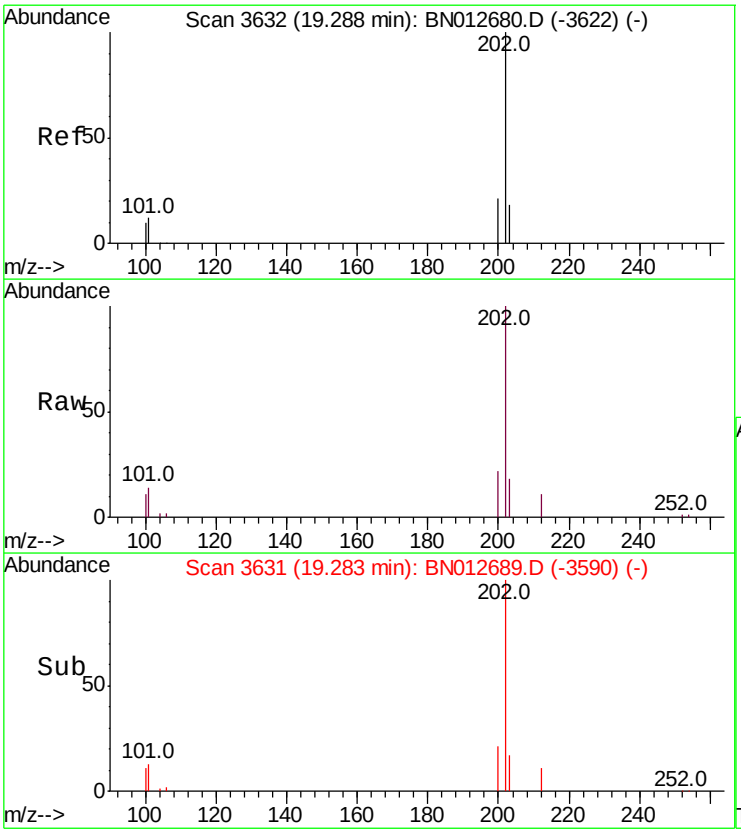
#15
Fluoranthene
Concen: 0.559 ng/ul
RT: 18.92 min Scan# 3553
Delta R.T. -0.00 min
Lab File: BN012689.D
Acq: 21 Nov 2020 16:58

Instrument :
BNA_N
ClientSampleId :
C0AY7DL

Tgt Ion:202 Resp: 11036

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.5
100	8.6	0.0	28.4

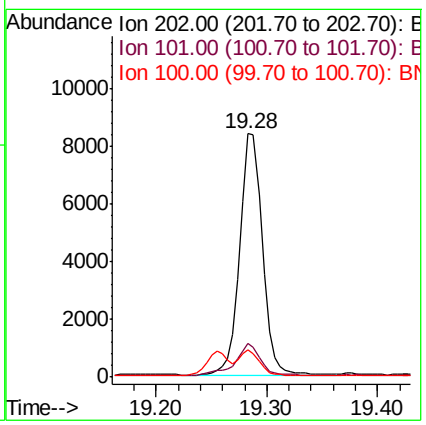


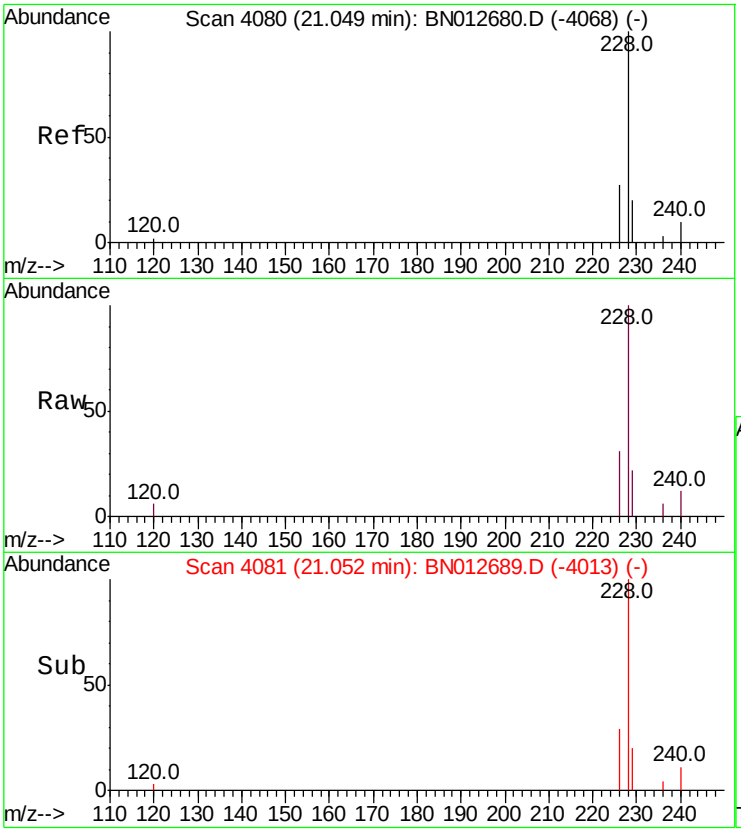


#17
Pyrene
Concen: 0.598 ng/ul
RT: 19.28 min Scan# 3631
Delta R.T. -0.01 min
Lab File: BN012689.D
Acq: 21 Nov 2020 16:58

Tgt Ion:202 Resp: 11590

Ion	Ratio	Lower	Upper
202	100		
101	14.1	8.9	13.3#
100	11.3	7.4	11.2#



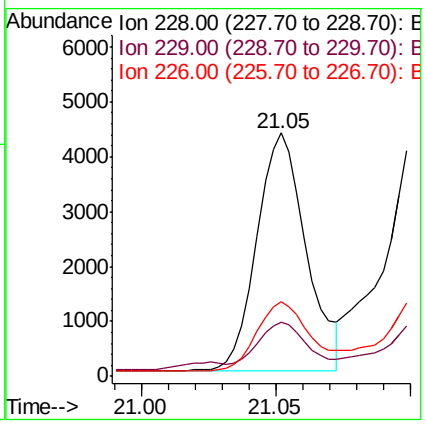


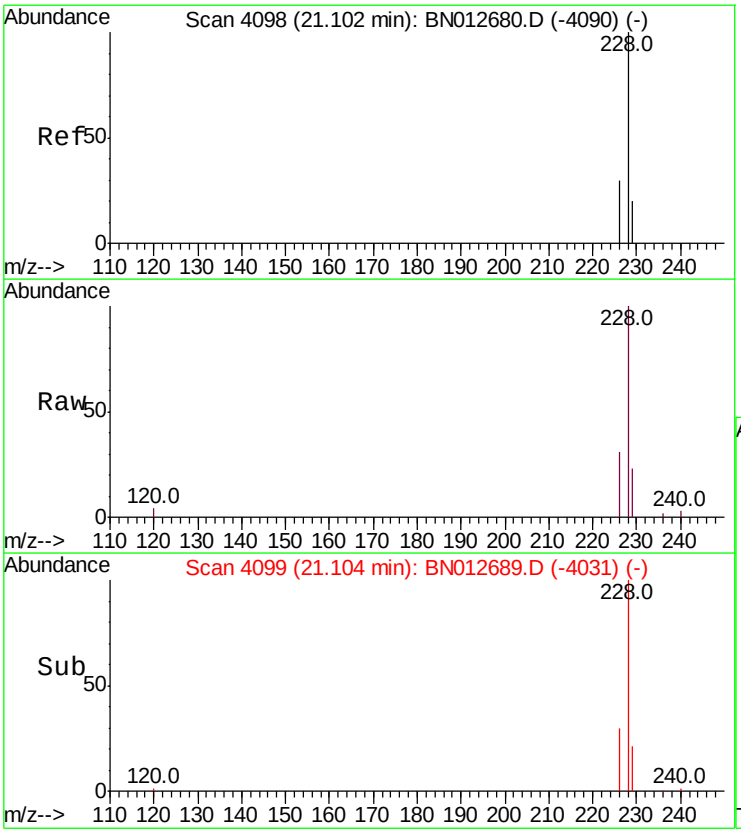
#18
Benzo(a)anthracene
Concen: 0.354 ng/ul
RT: 21.05 min Scan# 4081
Delta R.T. -0.00 min
Lab File: BN012689.D
Acq: 21 Nov 2020 16:58

Instrument :
BNA_N
ClientSampleId :
C0AY7DL

Tgt Ion:228 Resp: 5498

Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.9	25.3
226	30.8	23.1	34.7

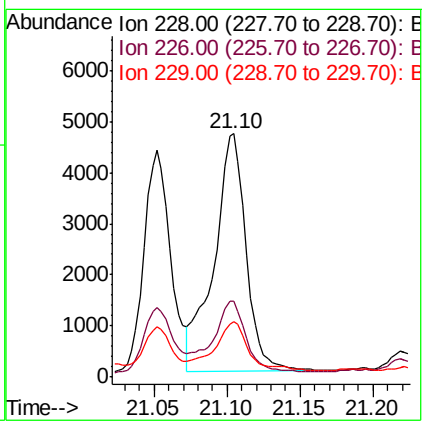


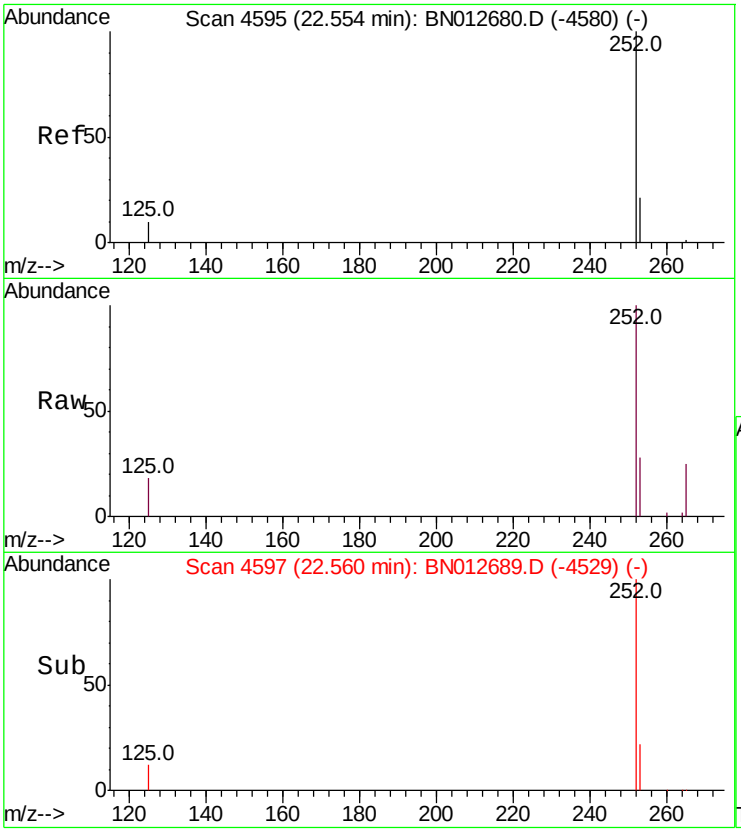


#19
Chrysene
Concen: 0.365 ng/ul
RT: 21.10 min Scan# 4099
Delta R.T. -0.00 min
Lab File: BN012689.D
Acq: 21 Nov 2020 16:58

Tgt Ion:228 Resp: 7078

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.4	36.6
229	22.6	16.1	24.1



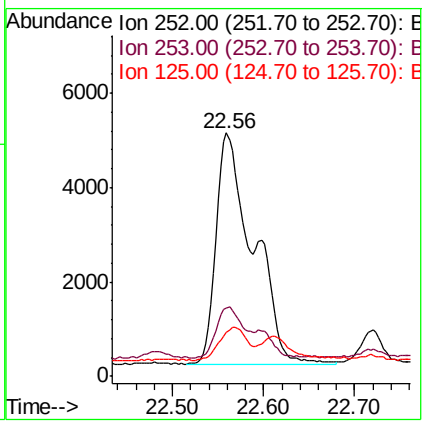


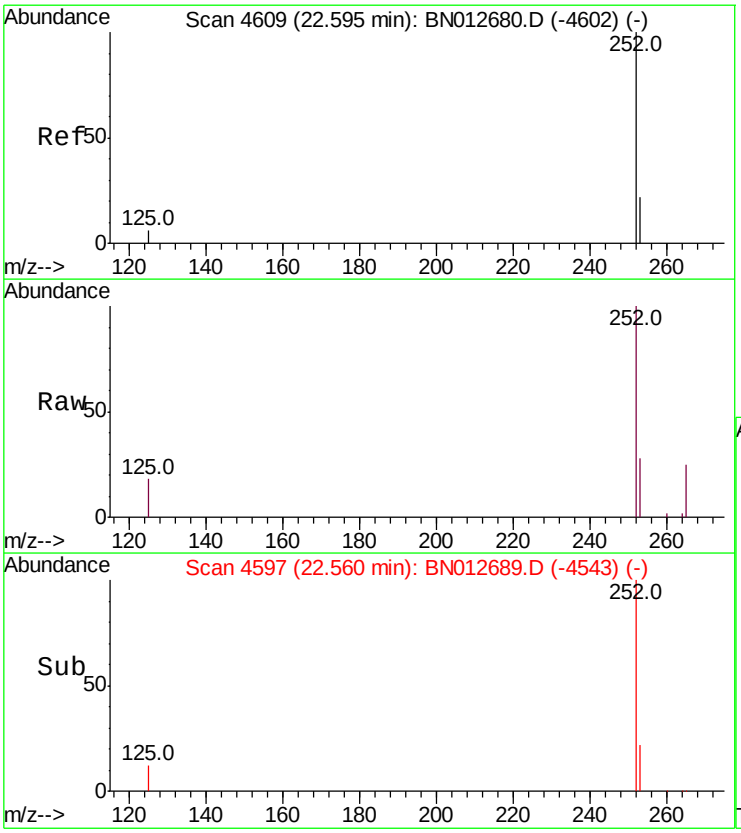
#21
Benzo(b)fluoranthene
Concen: 0.670 ng/ul
RT: 22.56 min Scan# 4597
Delta R.T. -0.00 min
Lab File: BN012689.D
Acq: 21 Nov 2020 16:58

Instrument :
BNA_N
ClientSampleId :
C0AY7DL

Tgt Ion:252 Resp: 13739

Ion	Ratio	Lower	Upper
252	100		
253	28.1	0.0	58.4
125	18.1	0.0	28.6

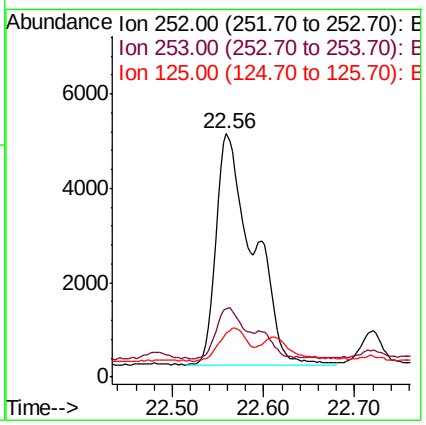


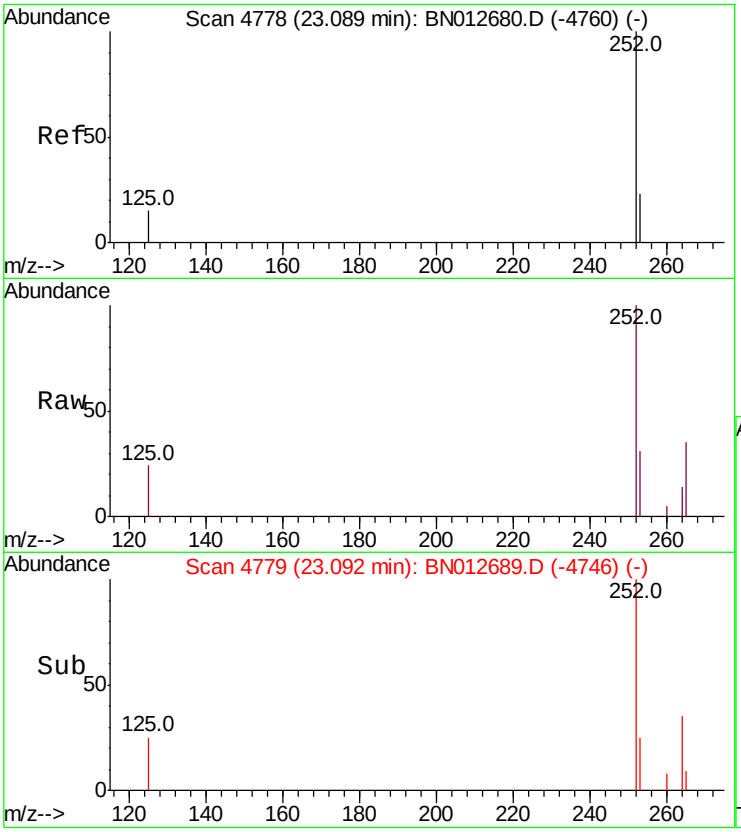


#22
Benzo(k)fluoranthene
Concen: 0.581 ng/ul
RT: 22.56 min Scan# 4597
Delta R.T. -0.04 min
Lab File: BN012689.D
Acq: 21 Nov 2020 16:58

Tgt Ion:252 Resp: 13739

Ion	Ratio	Lower	Upper
252	100		
253	28.1	23.4	35.2
125	18.1	10.2	15.2#



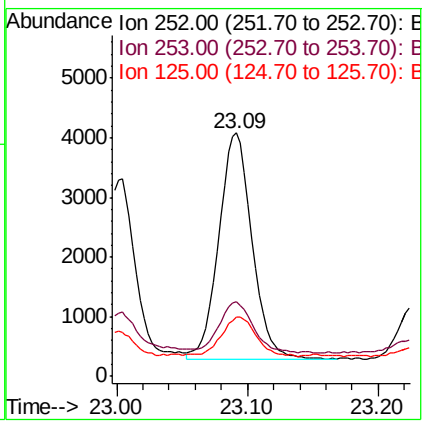


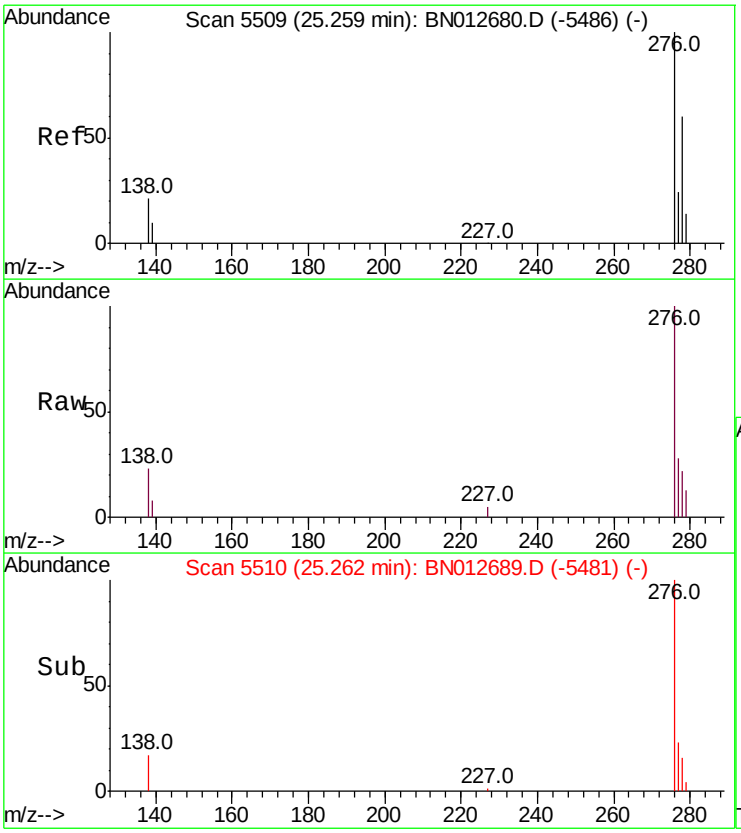
#23
Benzo(a)pyrene
Concen: 0.345 ng/ul
RT: 23.09 min Scan# 4779
Delta R.T. -0.00 min
Lab File: BN012689.D
Acq: 21 Nov 2020 16:58

Instrument :
BNA_N
ClientSampleId :
C0AY7DL

Tgt Ion:252 Resp: 6661

Ion	Ratio	Lower	Upper
252	100		
253	30.8	27.6	41.4
125	24.4	17.0	25.4

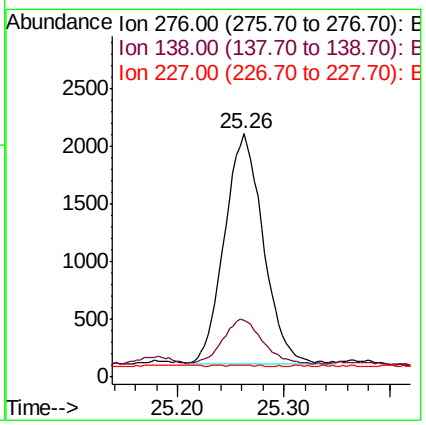


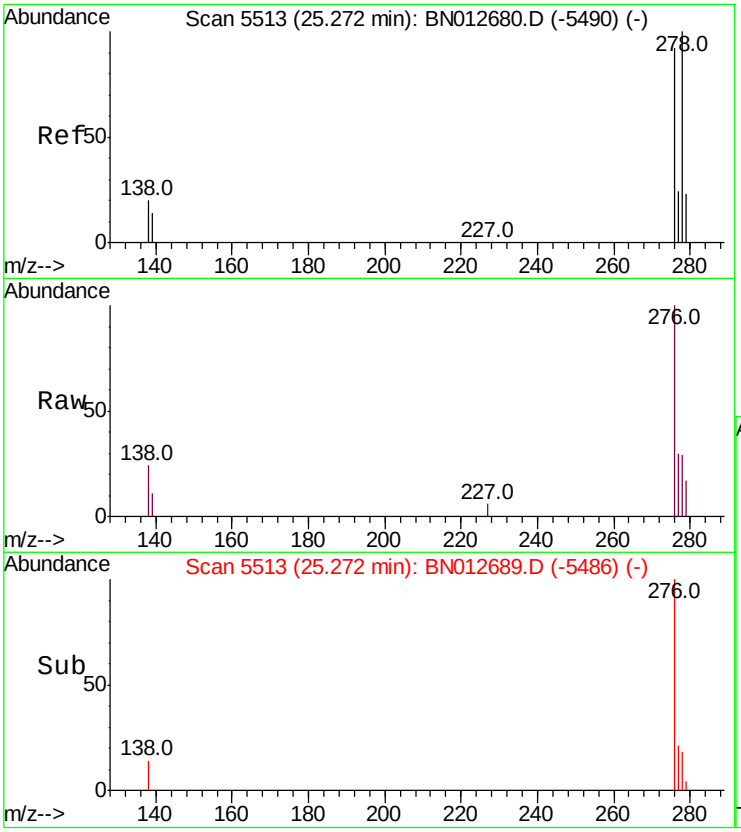


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.200 ng/ul
RT: 25.26 min Scan# 5510
Delta R.T. -0.00 min
Lab File: BN012689.D
Acq: 21 Nov 2020 16:58

Tgt Ion:276 Resp: 5050

Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.5	24.7
227	0.4	0.1	0.1#



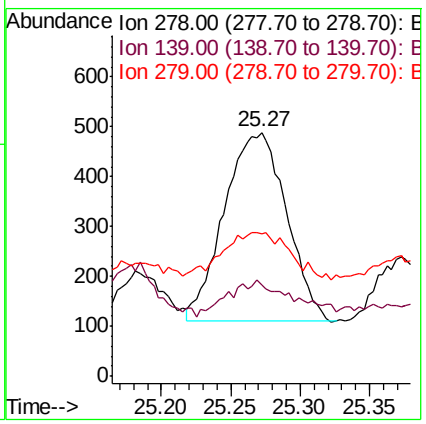


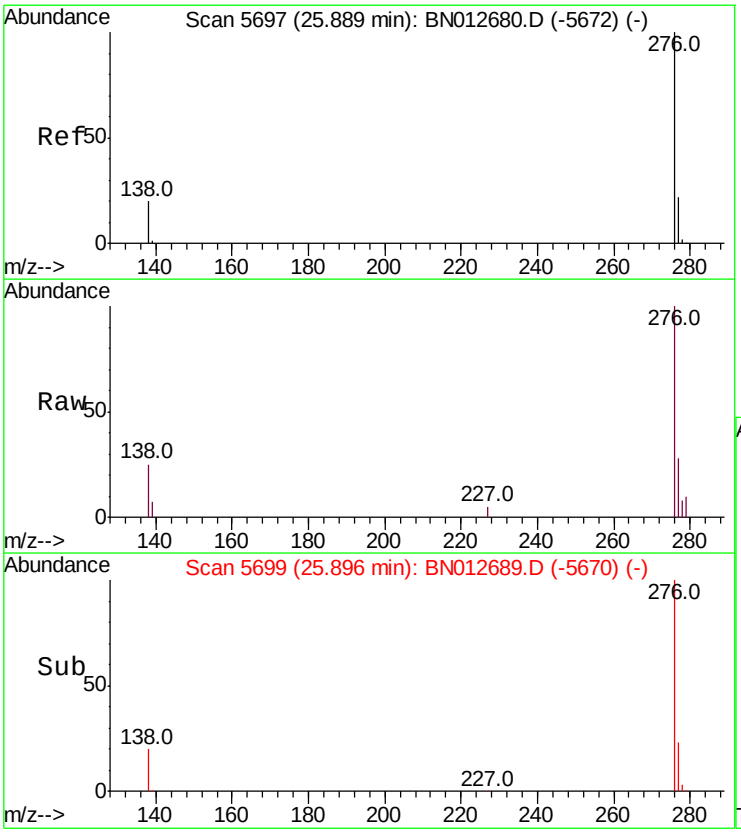
#25
Dibenzo(a,h)anthracene
Concen: 0.058 ng/ul
RT: 25.27 min Scan# 5513
Delta R.T. -0.01 min
Lab File: BN012689.D
Acq: 21 Nov 2020 16:58

Instrument :
BNA_N
ClientSampleId :
C0AY7DL

Tgt Ion:278 Resp: 1171

Ion	Ratio	Lower	Upper
278	100		
139	37.3	13.8	20.8#
279	58.4	25.6	38.4#





#26
Benzo(g,h,i)perylene
Concen: 0.217 ng/ul
RT: 25.90 min Scan# 5699
Delta R.T. -0.00 min
Lab File: BN012689.D
Acq: 21 Nov 2020 16:58

Tgt Ion:276 Resp: 4919

Ion	Ratio	Lower	Upper
276	100		
138	25.1	16.3	24.5#
277	27.7	21.8	32.8