Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013021.D
Acq On : 09 Dec 2020 20:44
Operator : CG/JU
Sample : L4941-01
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Dec 10 01:00:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 10 00:40:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	997	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	4164	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.05	164	2293	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4708	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	3280	0.40	ng/ul	-0.01
20) Perylene-d12	23.12	264	3041	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	909	0.15	ng/ul	-0.01
14) Fluoranthene-d10	18.85	212	1896	0.15	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.19	128	602	0.050	ng/ul#	84
5) 2-Methylnaphthalene	11.82	142	277	0.035	ng/ul	98
7) Acenaphthylene	13.76	152	450	0.041	ng/ul#	71
8) Acenaphthene	14.11	153	474	0.053	ng/ul	98
9) Fluorene	15.11	166	721	0.071	ng/ul#	98
12) Phenanthrene	16.84	178	14893	0.943	ng/ul	97
13) Anthracene	16.94	178	2930	0.218	ng/ul	98
15) Fluoranthene	18.88	202	28092	1.498	ng/ul	97
17) Pyrene	19.25	202	26266	1.695	ng/ul	99
18) Benzo(a)anthracene	21.01	228	10869	0.801	ng/ul	99
19) Chrysene	21.06	228	12397	0.827	ng/ul	98
21) Benzo(b)fluoranthene	22.50	252	20958	1.490	ng/ul	94
22) Benzo(k)fluoranthene	22.50	252	20958	1.348	ng/ul	95
23) Benzo(a)pyrene	23.03	252	9780	0.749	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.18	276	6691	0.390	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.18	278	1574	0.116	ng/ul#	68
26) Benzo(g,h,i)perylene	25.81	276	5826	0.376	ng/ul	96

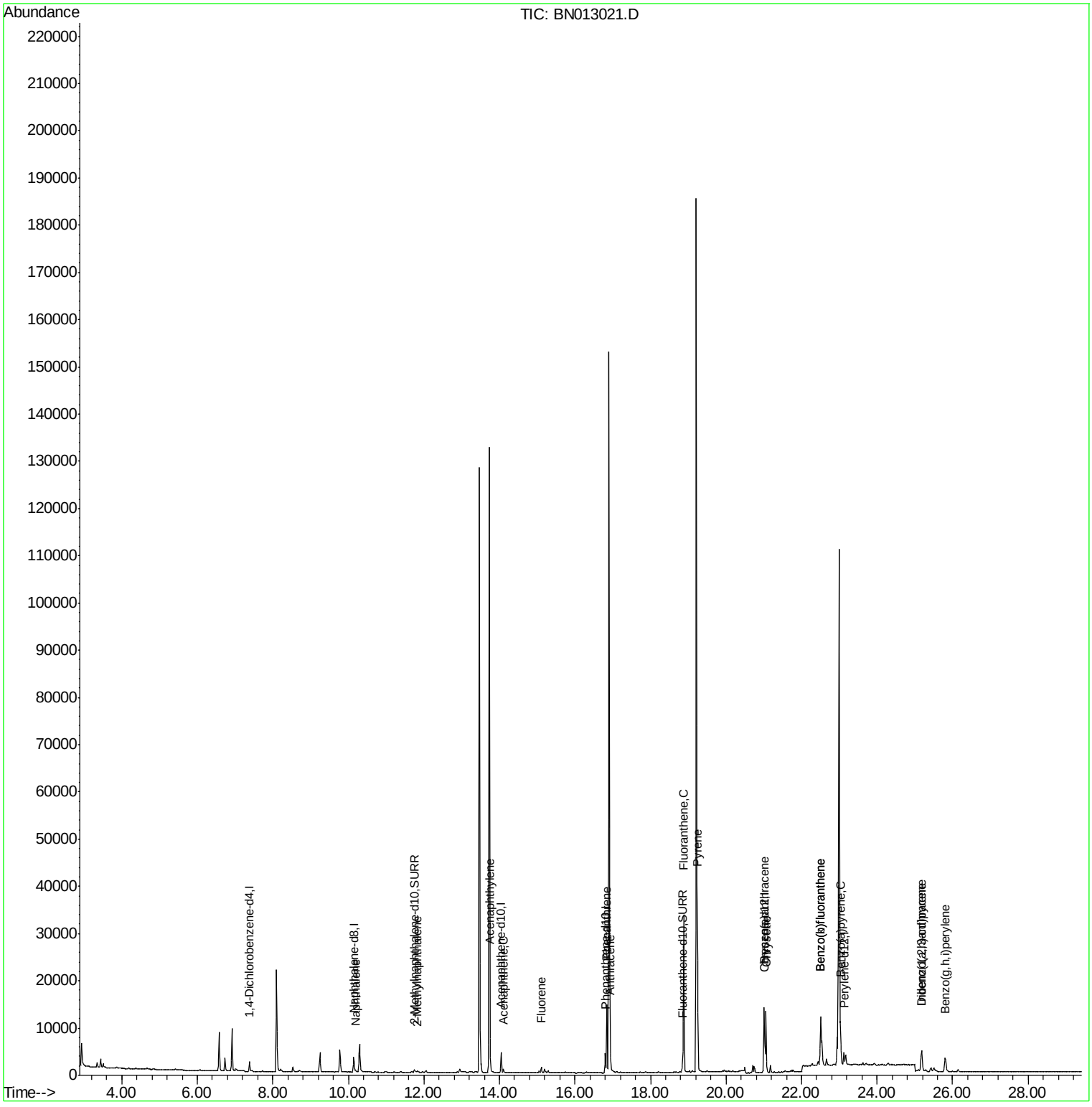
(#) = qualifier out of range (m) = manual integration (+) = signals summed

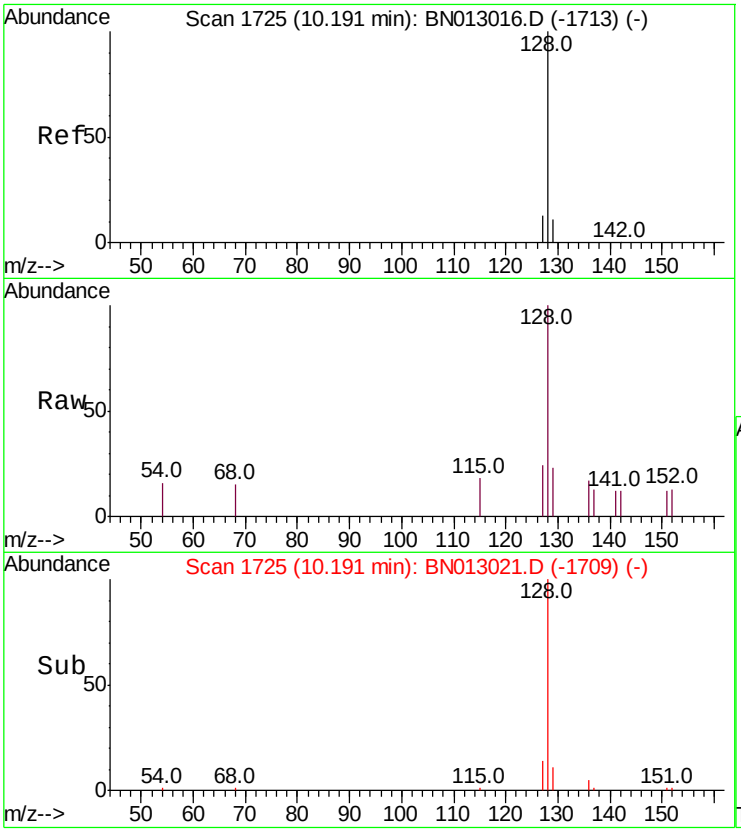
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013021.D
Acq On : 09 Dec 2020 20:44
Operator : CG/JU
Sample : L4941-01
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 10 01:00:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 10 00:40:41 2020
Response via : Initial Calibration



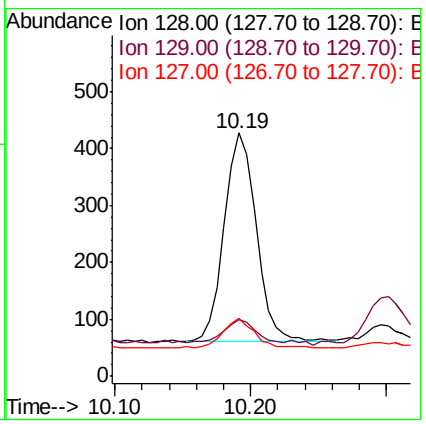


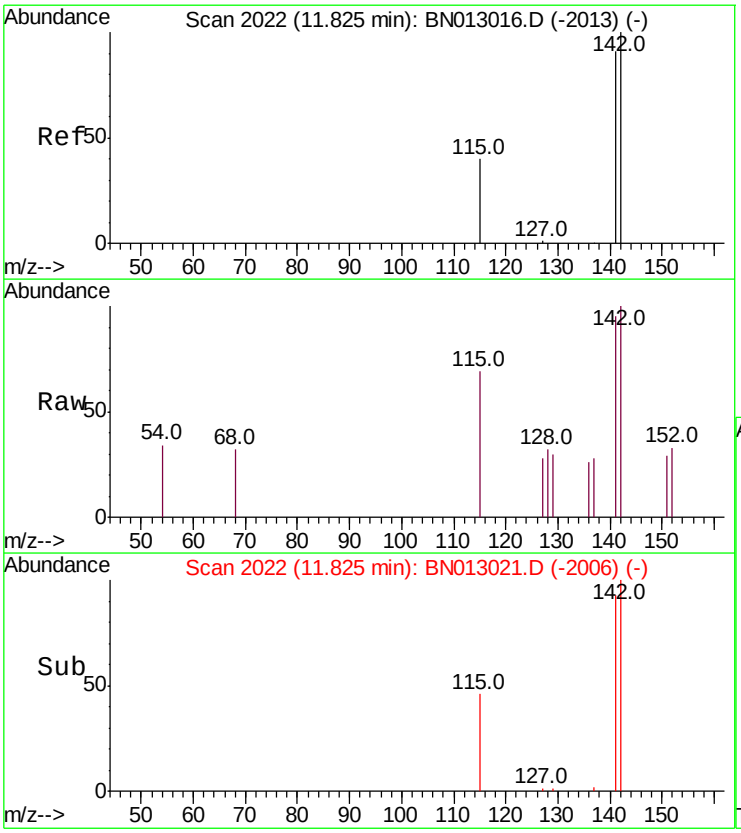
#3
Naphthalene
Concen: 0.050 ng/ul
RT: 10.19 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BN013021.D
Acq: 09 Dec 2020 20:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 602

Ion	Ratio	Lower	Upper
128	100		
129	23.1	12.3	18.5#
127	23.6	14.2	21.4#

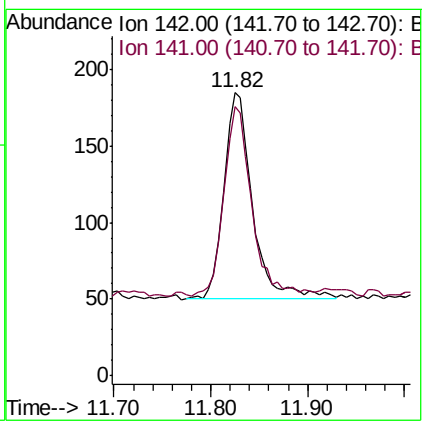


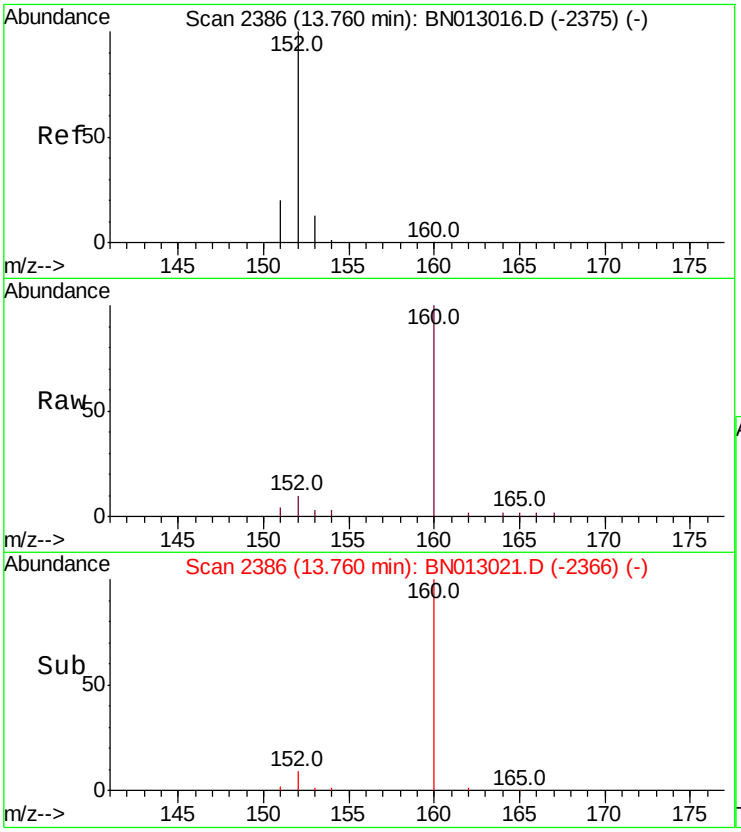


#5
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 11.82 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BN013021.D
Acq: 09 Dec 2020 20:44

Tgt Ion:142 Resp: 277

Ion	Ratio	Lower	Upper
142	100		
141	89.2	73.0	109.6



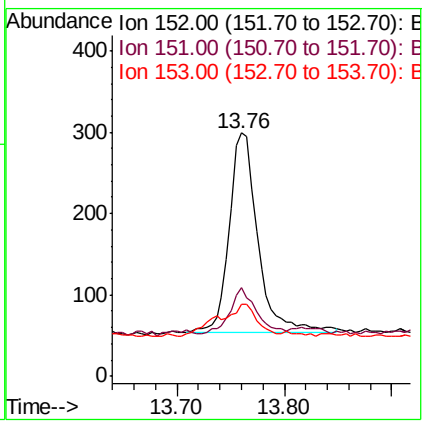


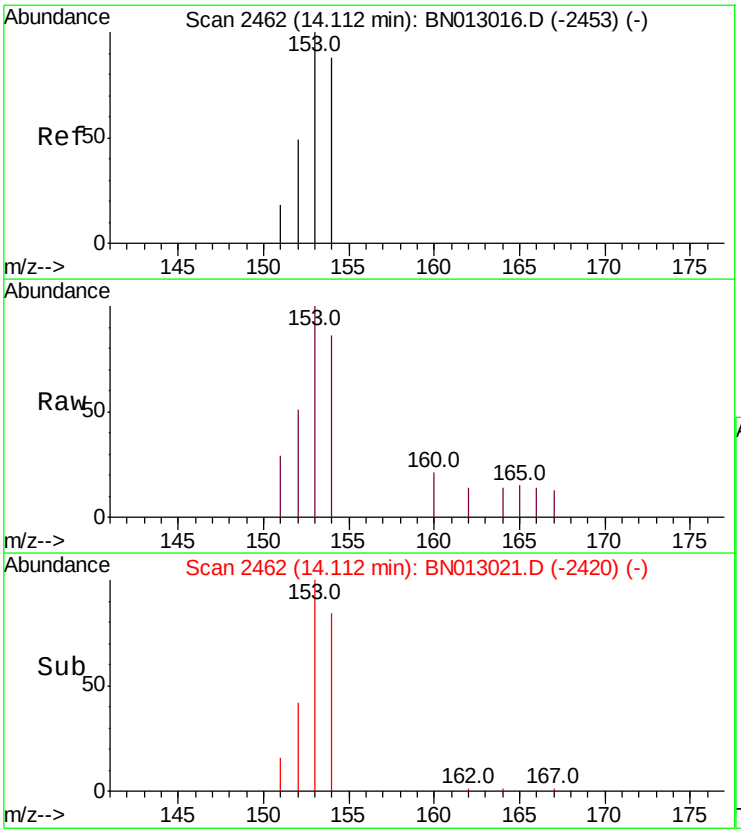
#7
Acenaphthylene
Concen: 0.041 ng/ul
RT: 13.76 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BN013021.D
Acq: 09 Dec 2020 20:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 450

Ion	Ratio	Lower	Upper
152	100		
151	36.5	18.2	27.4#
153	29.8	13.1	19.7#

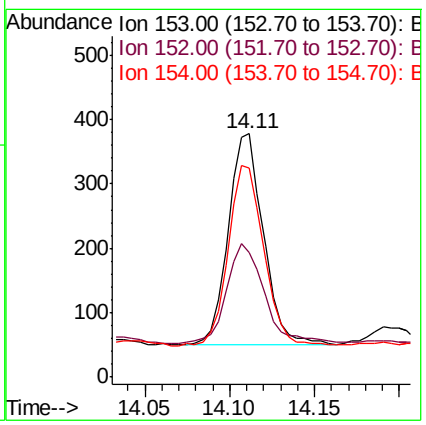


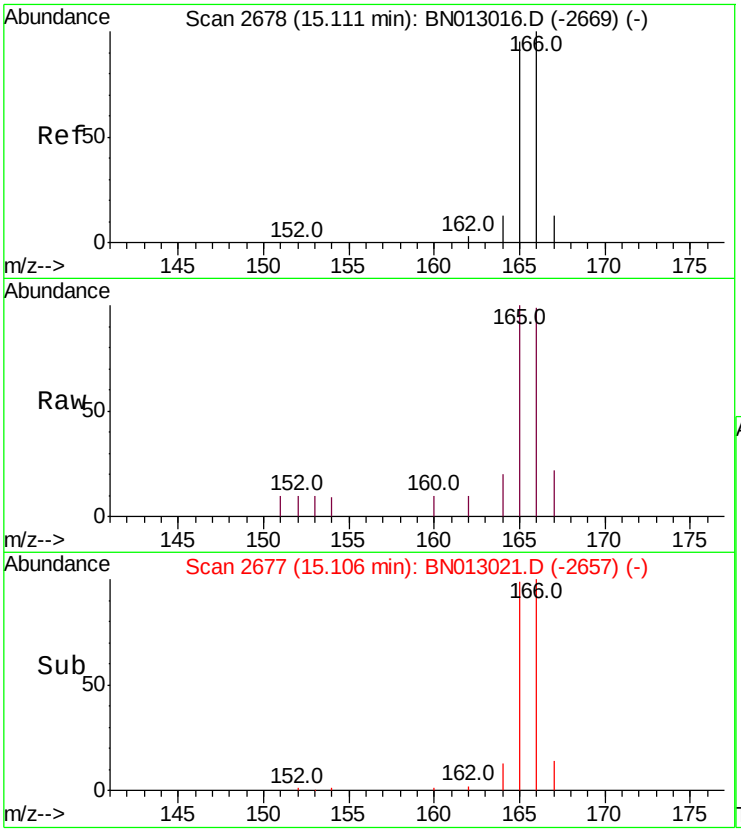


#8
Acenaphthene
Concen: 0.053 ng/ul
RT: 14.11 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BN013021.D
Acq: 09 Dec 2020 20:44

Tgt Ion:153 Resp: 474

Ion	Ratio	Lower	Upper
153	100		
152	51.1	40.7	61.1
154	85.7	70.8	106.2



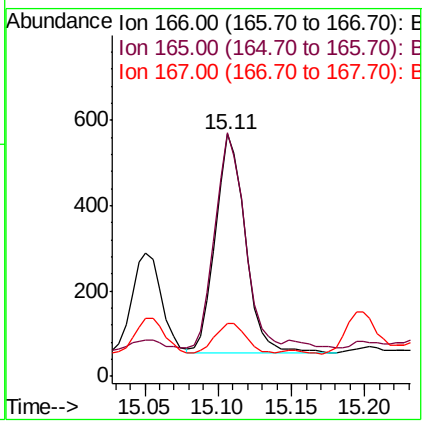


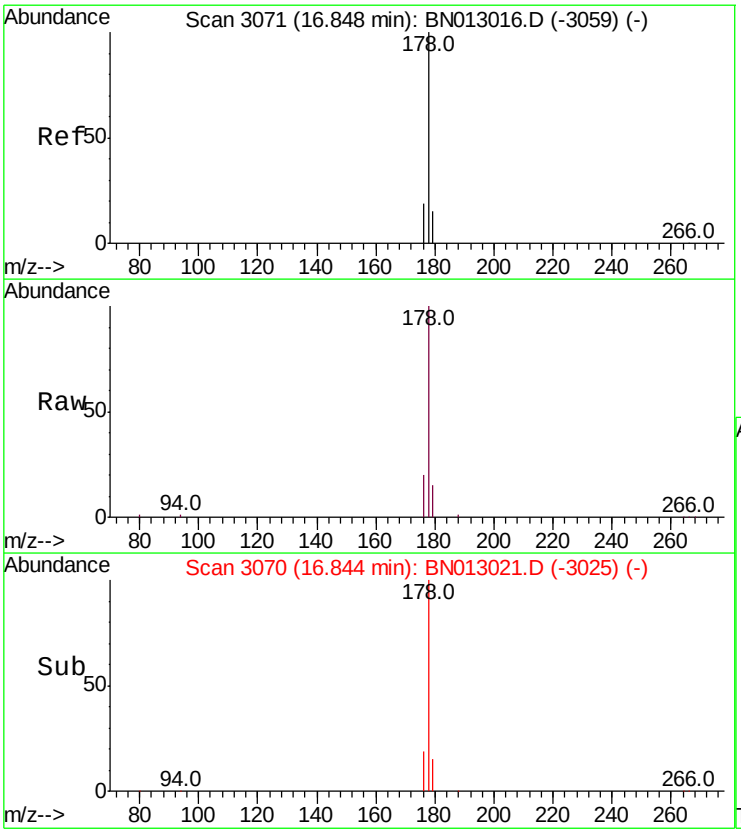
#9
Fluorene
Concen: 0.071 ng/ul
RT: 15.11 min Scan# 2677
Delta R.T. -0.01 min
Lab File: BN013021.D
Acq: 09 Dec 2020 20:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 721

Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.8	119.8
167	21.7	13.8	20.8#

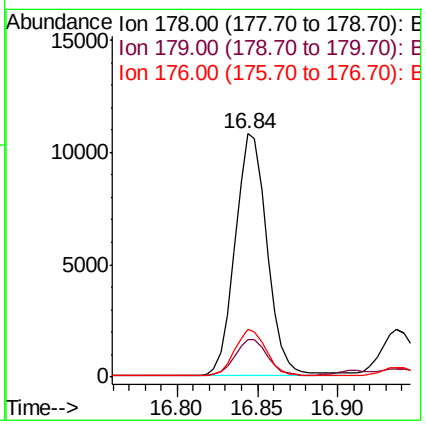


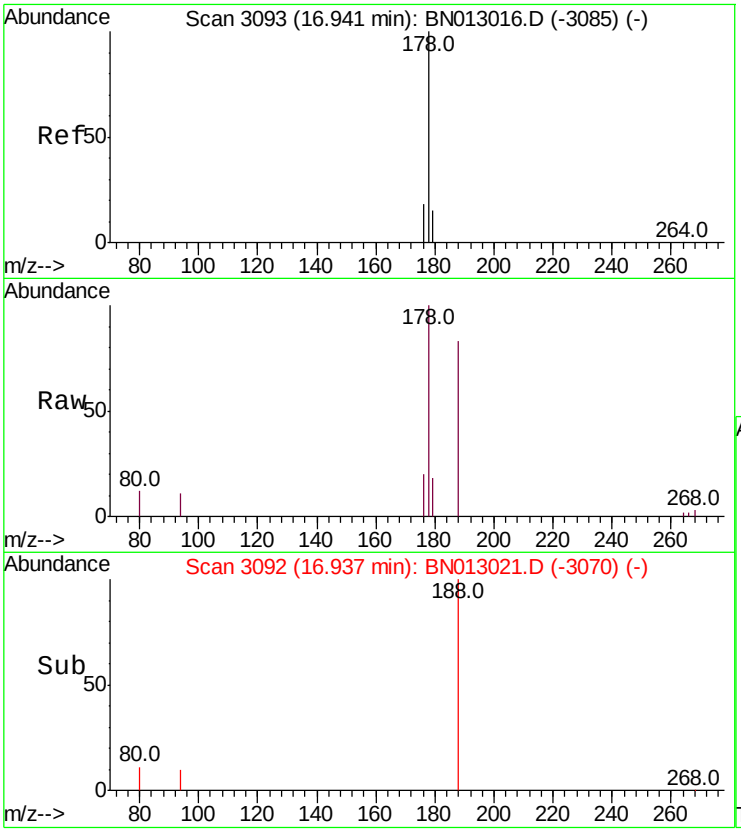


#12
Phenanthrene
Concen: 0.943 ng/ul
RT: 16.84 min Scan# 3070
Delta R.T. -0.01 min
Lab File: BN013021.D
Acq: 09 Dec 2020 20:44

Tgt Ion:178 Resp: 14893

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.6	20.4
176	19.7	16.4	24.6



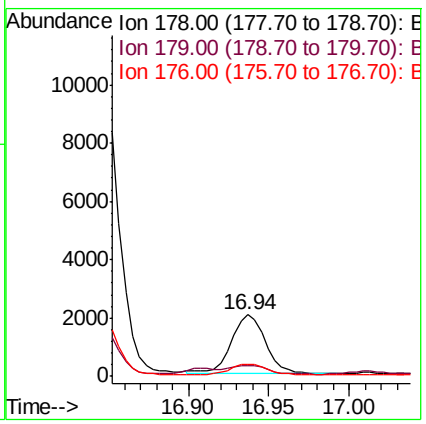


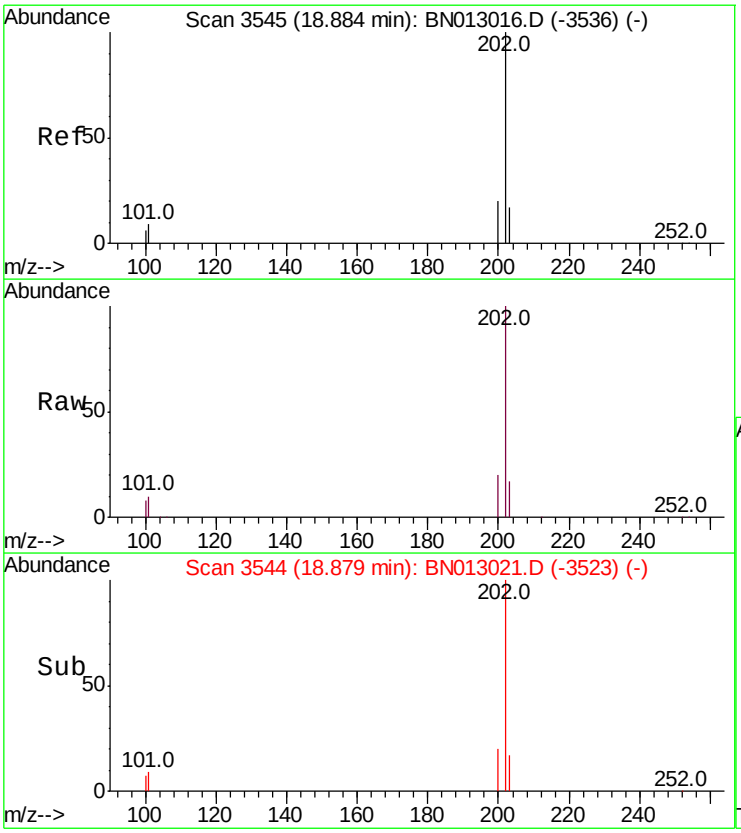
#13
Anthracene
Concen: 0.218 ng/ul
RT: 16.94 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BN013021.D
Acq: 09 Dec 2020 20:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 2930

Ion	Ratio	Lower	Upper
178	100		
179	17.8	14.6	21.8
176	19.8	17.1	25.7

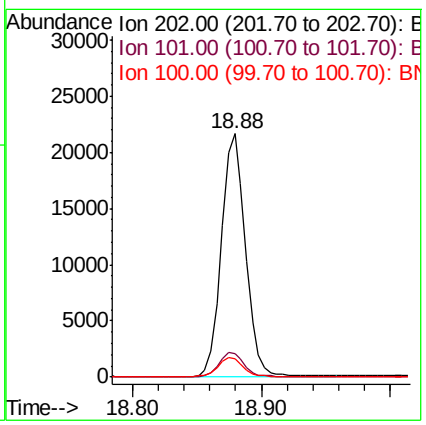


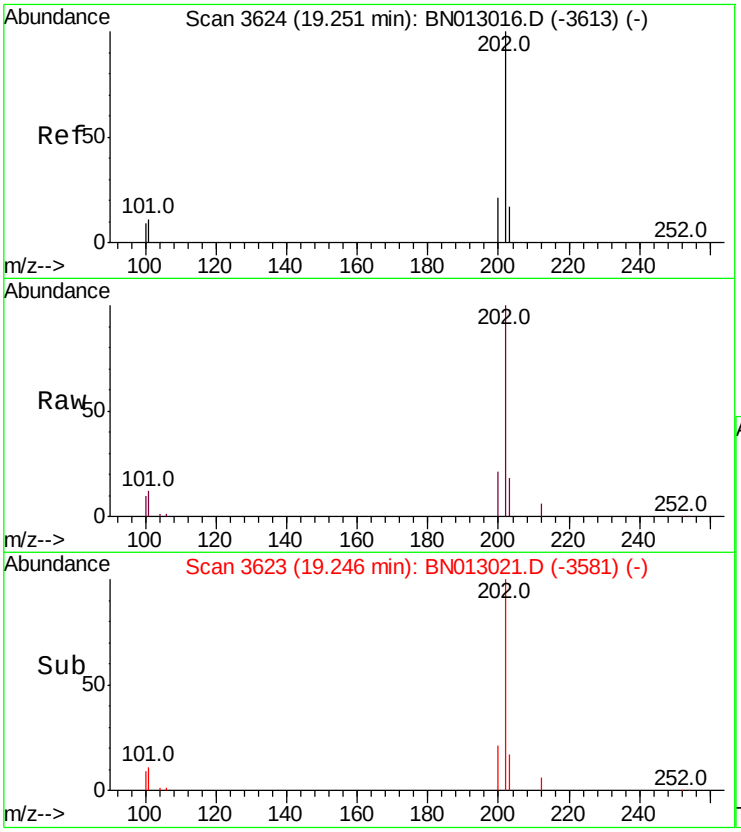


#15
Fluoranthene
Concen: 1.498 ng/ul
RT: 18.88 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BN013021.D
Acq: 09 Dec 2020 20:44

Tgt Ion:202 Resp: 28092

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	30.6
100	7.6	0.0	28.7



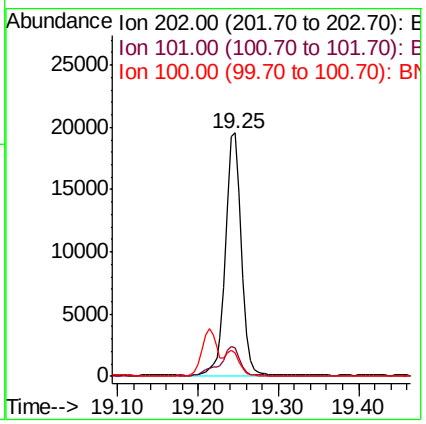


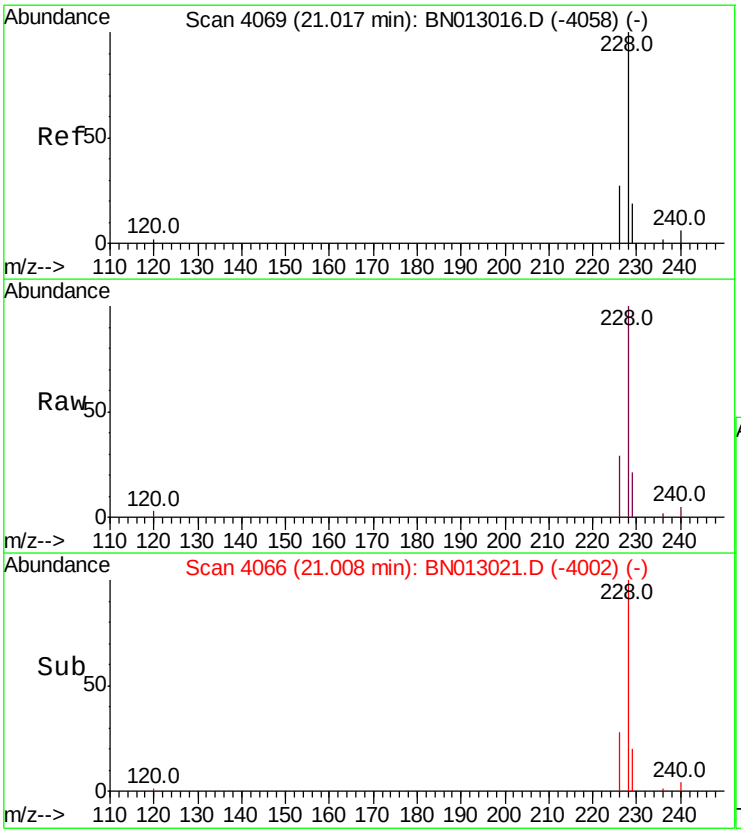
#17
Pyrene
Concen: 1.695 ng/ul
RT: 19.25 min Scan# 3623
Delta R.T. -0.00 min
Lab File: BN013021.D
Acq: 09 Dec 2020 20:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 26266

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.1	13.7
100	9.6	7.5	11.3

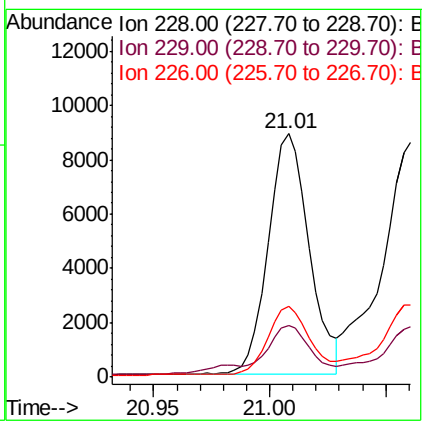


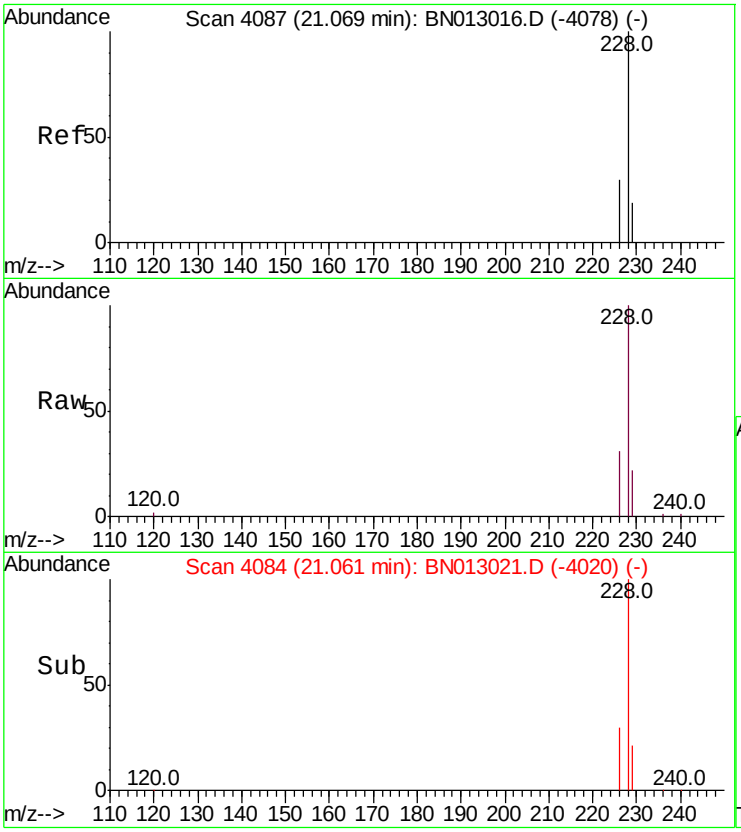


#18
Benzo(a)anthracene
Concen: 0.801 ng/ul
RT: 21.01 min Scan# 4066
Delta R.T. -0.01 min
Lab File: BN013021.D
Acq: 09 Dec 2020 20:44

Tgt Ion:228 Resp: 10869

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.3	24.5
226	29.1	23.4	35.2



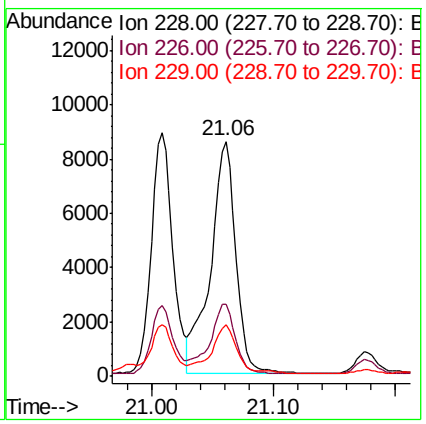


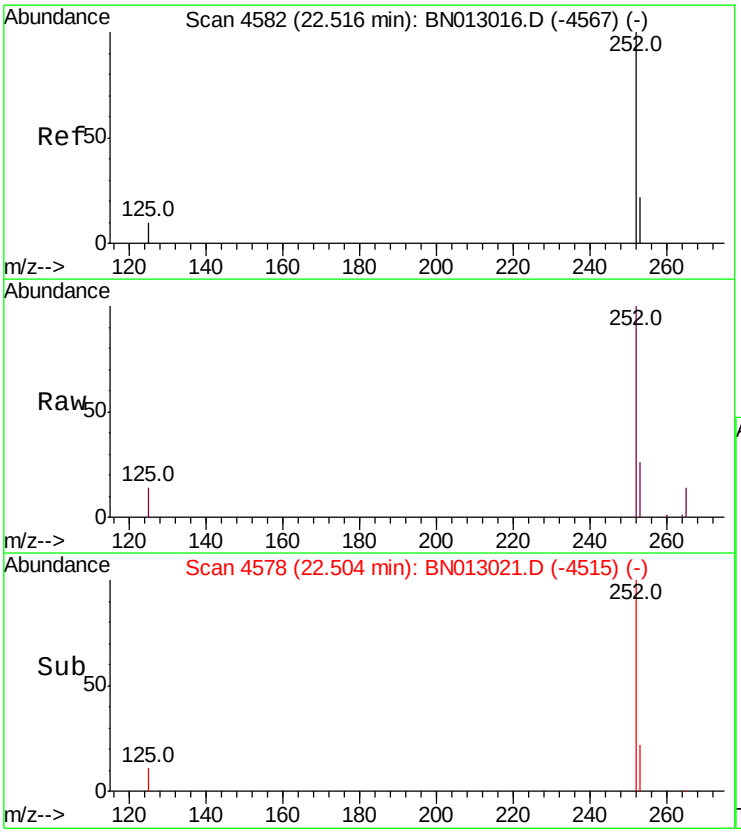
#19
Chrysene
Concen: 0.827 ng/ul
RT: 21.06 min Scan# 4084
Delta R.T. -0.01 min
Lab File: BN013021.D
Acq: 09 Dec 2020 20:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 12397

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	21.7	16.4	24.6

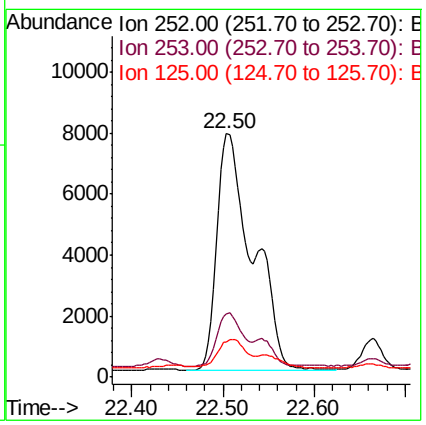


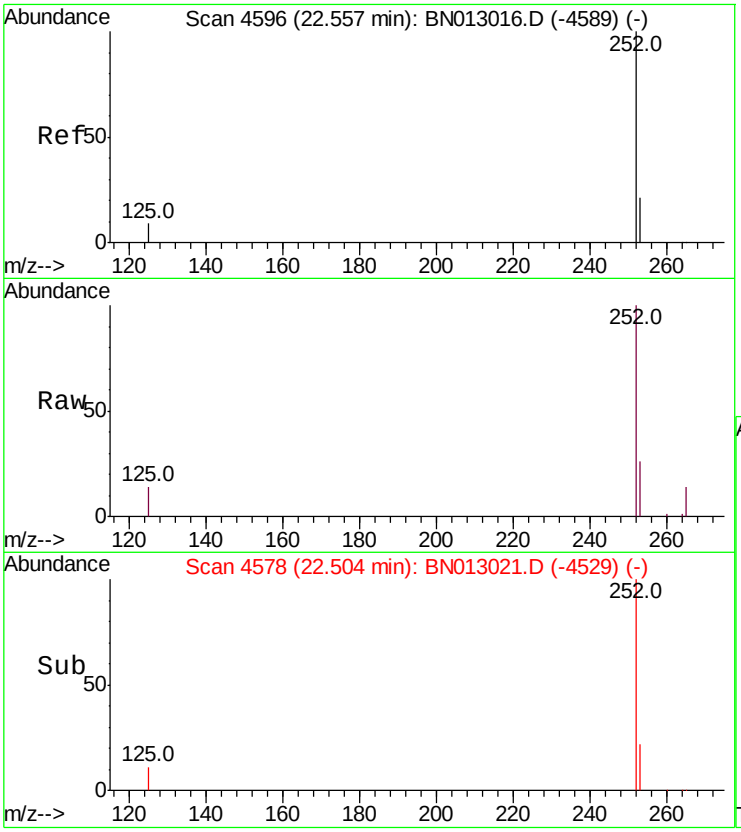


#21
Benzo(b)fluoranthene
Concen: 1.490 ng/ul
RT: 22.50 min Scan# 4578
Delta R.T. -0.01 min
Lab File: BN013021.D
Acq: 09 Dec 2020 20:44

Tgt Ion:252 Resp: 20958

Ion	Ratio	Lower	Upper
252	100		
253	25.8	0.0	59.6
125	14.4	0.0	26.0



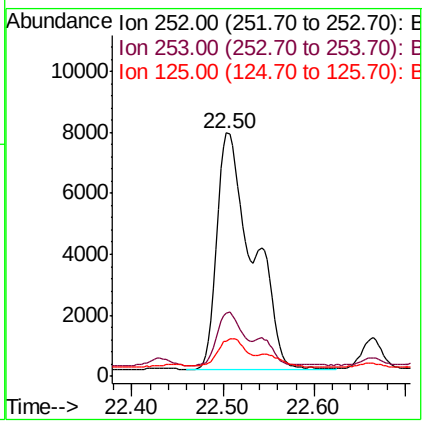


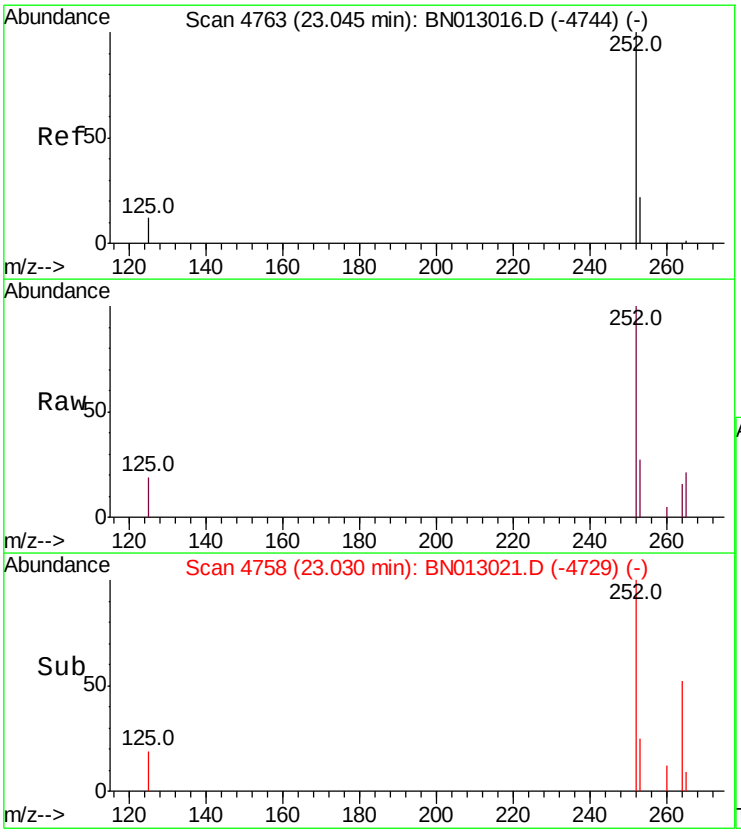
#22
Benzo(k)fluoranthene
Concen: 1.348 ng/ul
RT: 22.50 min Scan# 4578
Delta R.T. -0.06 min
Lab File: BN013021.D
Acq: 09 Dec 2020 20:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 20958

Ion	Ratio	Lower	Upper
252	100		
253	25.8	23.4	35.2
125	14.4	11.1	16.7

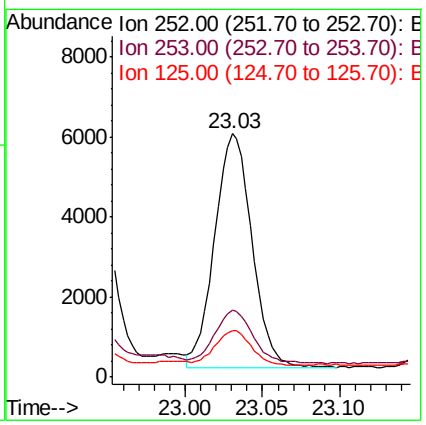


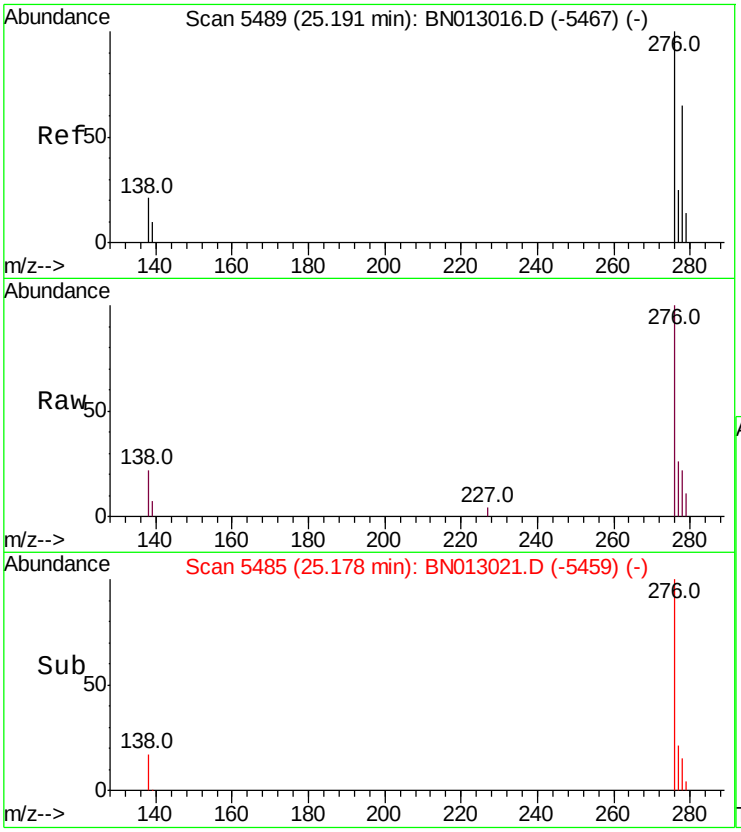


#23
Benzo(a)pyrene
Concen: 0.749 ng/ul
RT: 23.03 min Scan# 4758
Delta R.T. -0.01 min
Lab File: BN013021.D
Acq: 09 Dec 2020 20:44

Tgt Ion:252 Resp: 9780

Ion	Ratio	Lower	Upper
252	100		
253	27.4	26.5	39.7
125	19.1	14.2	21.2



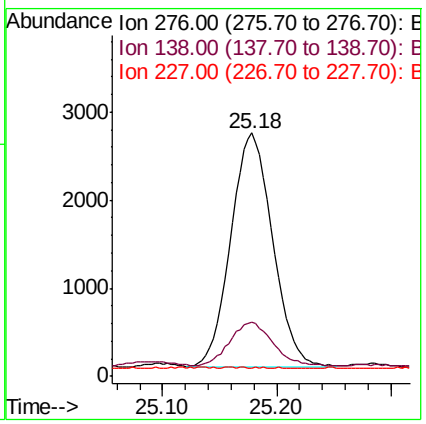


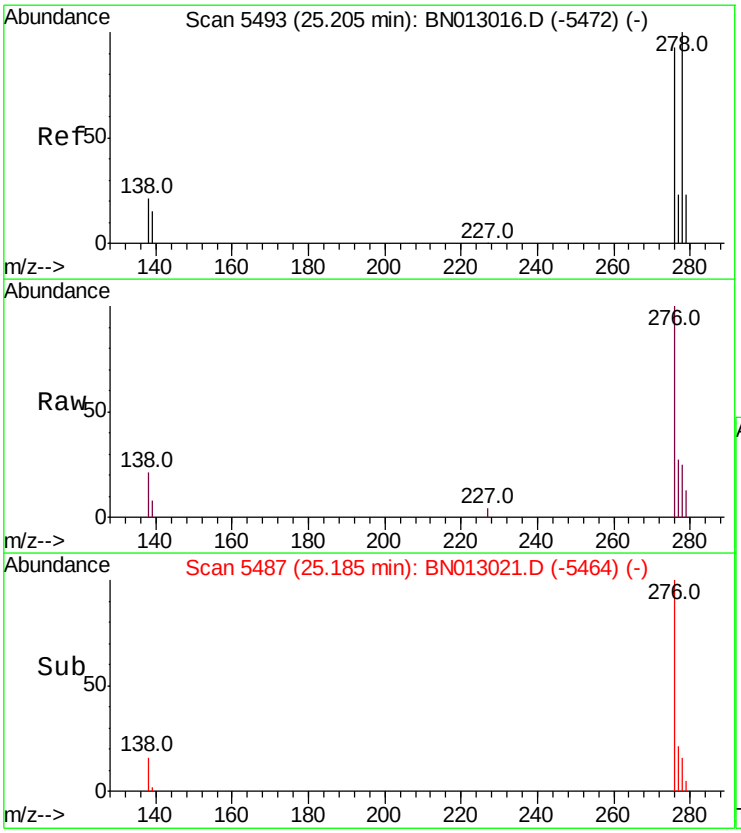
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng/ul
RT: 25.18 min Scan# 5485
Delta R.T. -0.01 min
Lab File: BN013021.D
Acq: 09 Dec 2020 20:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 6691

Ion	Ratio	Lower	Upper
276	100		
138	19.4	16.2	24.2
227	0.1	0.0	0.0#

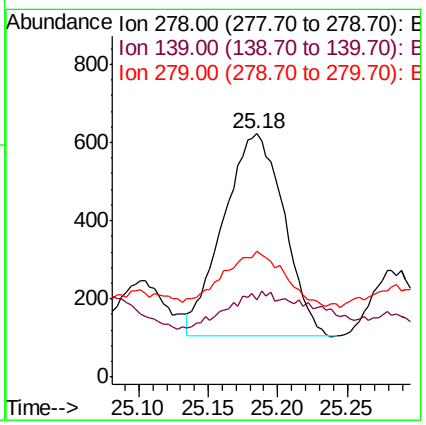


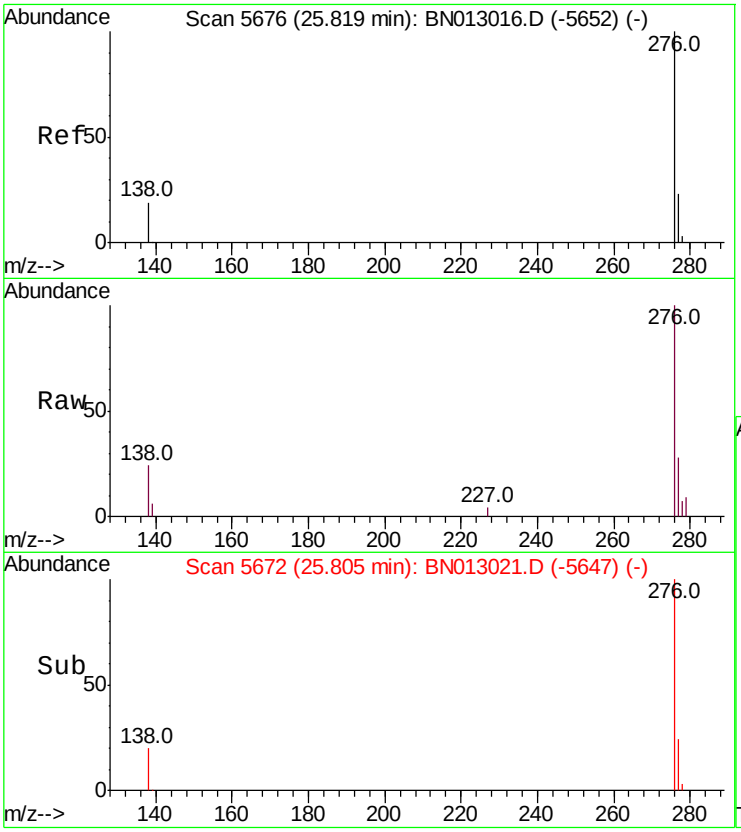


#25
Dibenzo(a,h)anthracene
Concen: 0.116 ng/ul
RT: 25.18 min Scan# 5487
Delta R.T. -0.02 min
Lab File: BN013021.D
Acq: 09 Dec 2020 20:44

Tgt Ion:278 Resp: 1574

Ion	Ratio	Lower	Upper
278	100		
139	31.5	14.5	21.7#
279	51.8	26.3	39.5#





#26
Benzo(g,h,i)perylene
Concen: 0.376 ng/ul
RT: 25.81 min Scan# 5672
Delta R.T. -0.02 min
Lab File: BN013021.D
Acq: 09 Dec 2020 20:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 5826

Ion	Ratio	Lower	Upper
276	100		
138	23.9	16.3	24.5
277	27.9	21.8	32.6