Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\
Data File : BN008674.D
Acq On : 20 Nov 2019 23:20
Operator : JU
Sample : K5851-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Nov 21 00:43:45 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 Nov 20 04:45:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4183	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	15716	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8791	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	17871	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	14115	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	14682	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	4225	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	10221	0.19	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	11238	0.237	ng/ul	100
5) 2-Methylnaphthalene	12.04	142	13034	0.394	ng/ul	100
7) Acenaphthylene	13.95	152	3609	0.074	ng/ul#	94
8) Acenaphthene	14.30	153	2641	0.073	ng/ul	98
9) Fluorene	15.29	166	5101	0.120	ng/ul#	94
12) Phenanthrene	17.02	178	105488	1.750	ng/ul	98
13) Anthracene	17.11	178	12976	0.228	ng/ul	98
15) Fluoranthene	19.05	202	173231	2.340	ng/ul	96
17) Pyrene	19.41	202	151527	2.676	ng/ul	99
18) Benzo(a)anthracene	21.16	228	64689	1.140	ng/ul	97
19) Chrysene	21.21	228	80635	1.446	ng/ul	97
21) Benzo(b)fluoranthene	22.71	252	136318	2.252	ng/ul	95
22) Benzo(k)fluoranthene	22.71	252	136435	2.272	ng/ul	97
23) Benzo(a)pyrene	23.25	252	63028	1.109	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.48	276	48282	0.726	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.49	278	11958	0.223	ng/ul#	70
26) Benzo(g,h,i)perylene	26.13	276	49848	0.897	ng/ul	97

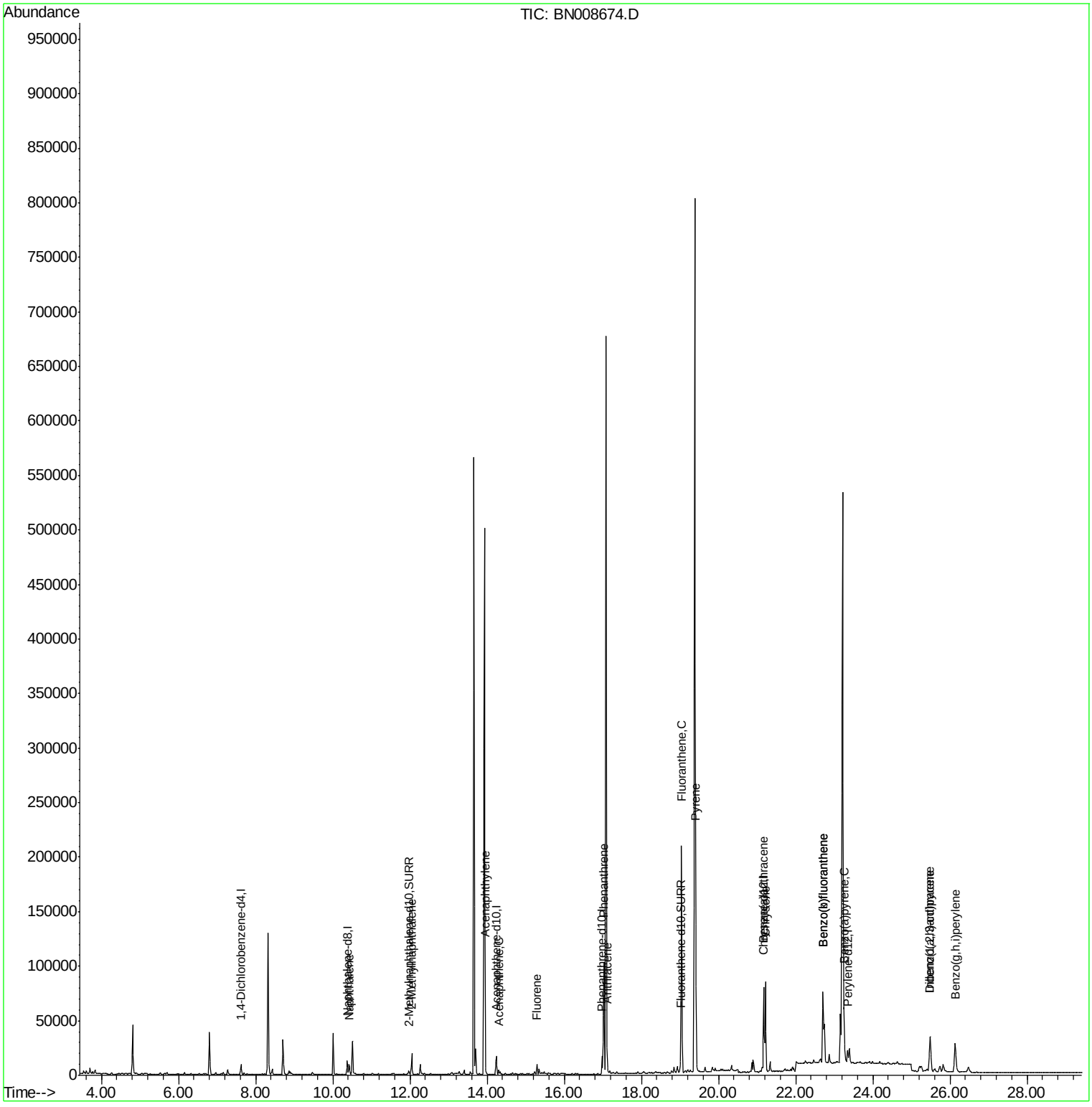
(#) = qualifier out of range (m) = manual integration (+) = signals summed

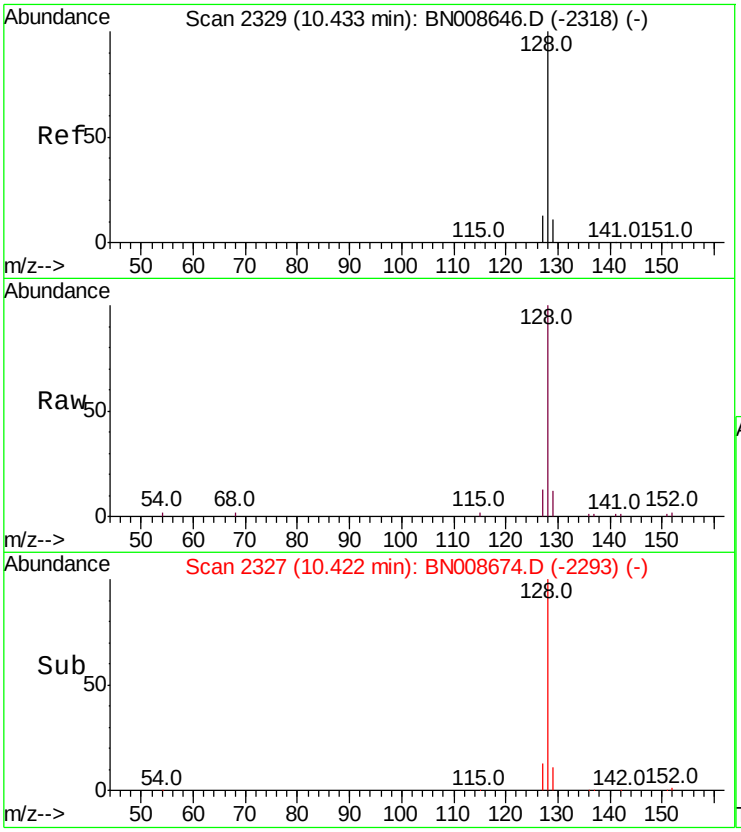
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\
Data File : BN008674.D
Acq On : 20 Nov 2019 23:20
Operator : JU
Sample : K5851-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Nov 21 00:43:45 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 Nov 20 04:45:41 2019
Response via : Initial Calibration



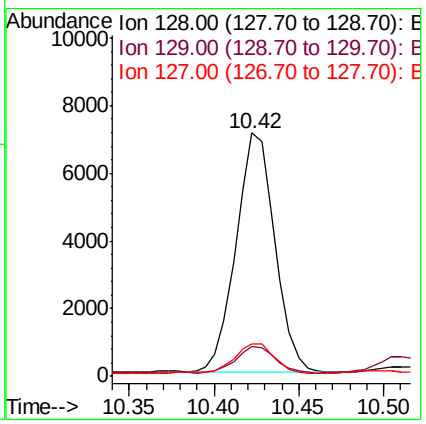


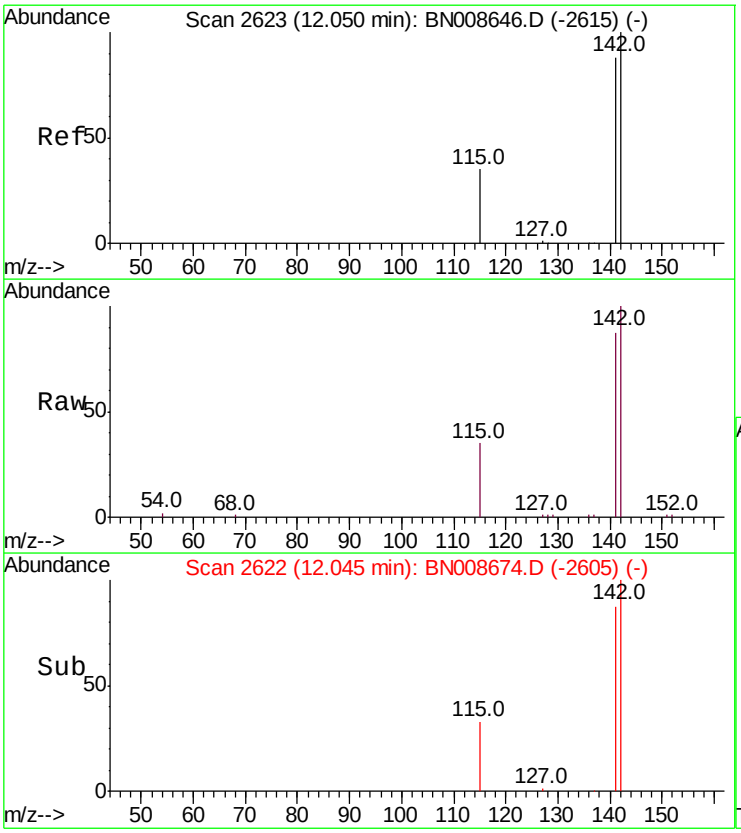
#3
Naphthalene
Concen: 0.237 ng/ul
RT: 10.42 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BN008674.D
Acq: 20 Nov 2019 23:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 11238

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.7	14.5
127	13.3	10.8	16.2

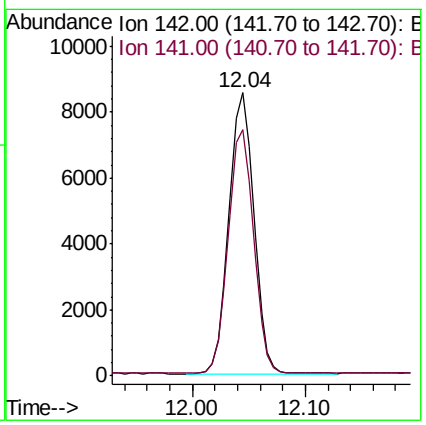


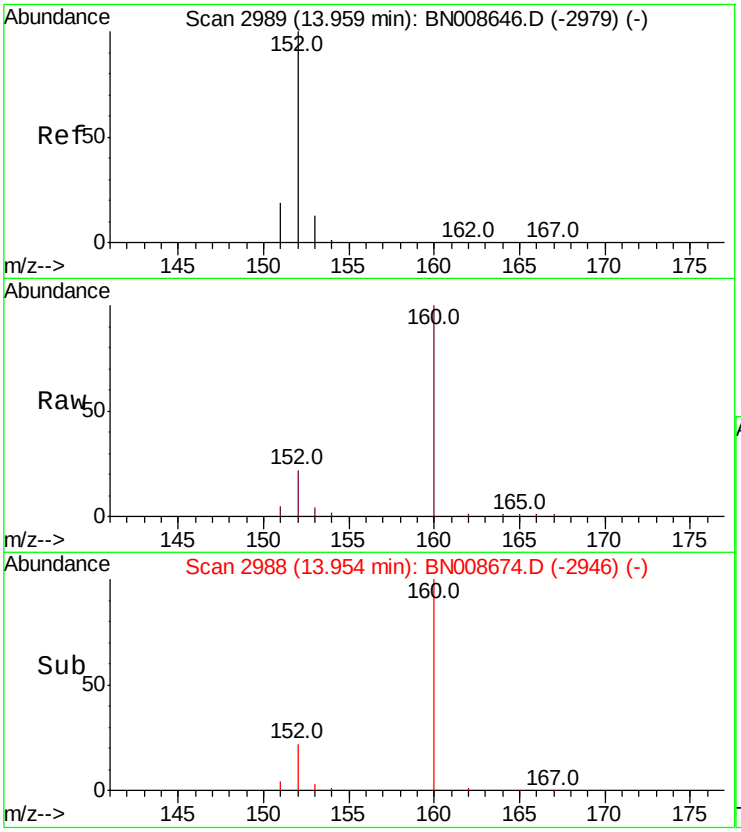


#5
2-Methylnaphthalene
Concen: 0.394 ng/ul
RT: 12.04 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BN008674.D
Acq: 20 Nov 2019 23:20

Tgt Ion:142 Resp: 13034

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.5	105.7



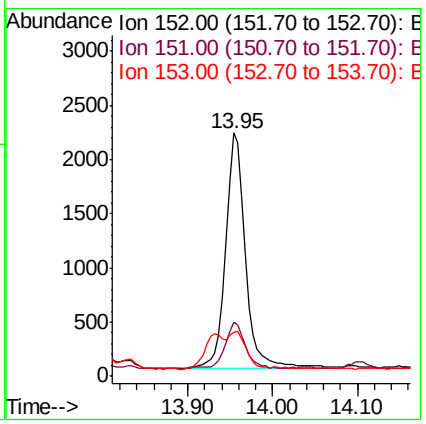


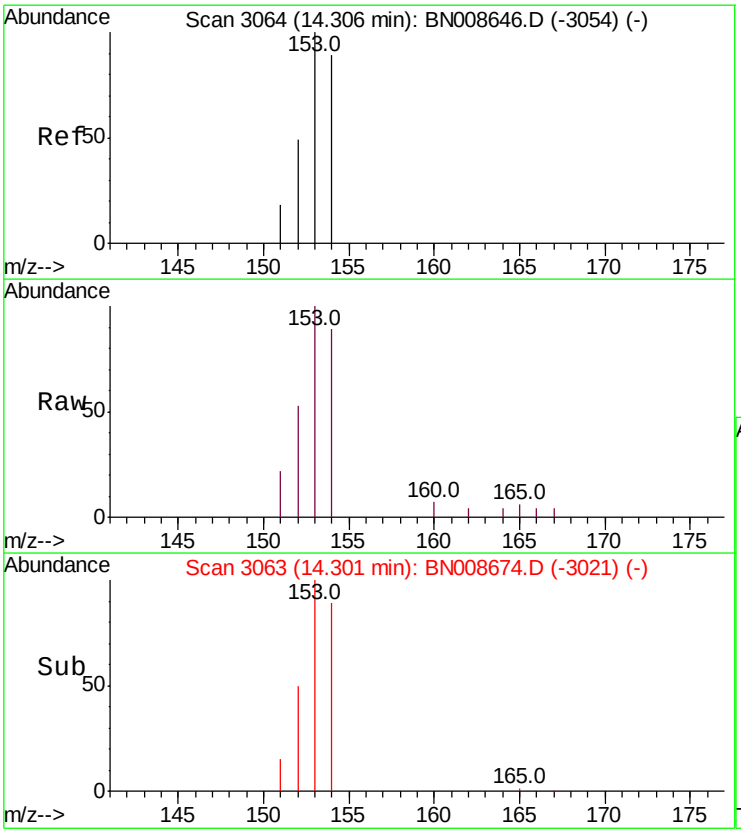
#7
Acenaphthylene
Concen: 0.074 ng/ul
RT: 13.95 min Scan# 2988
Delta R.T. -0.00 min
Lab File: BN008674.D
Acq: 20 Nov 2019 23:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3609

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.6	24.8
153	18.1	11.1	16.7#

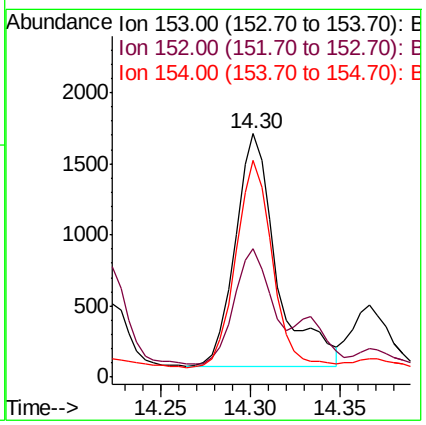


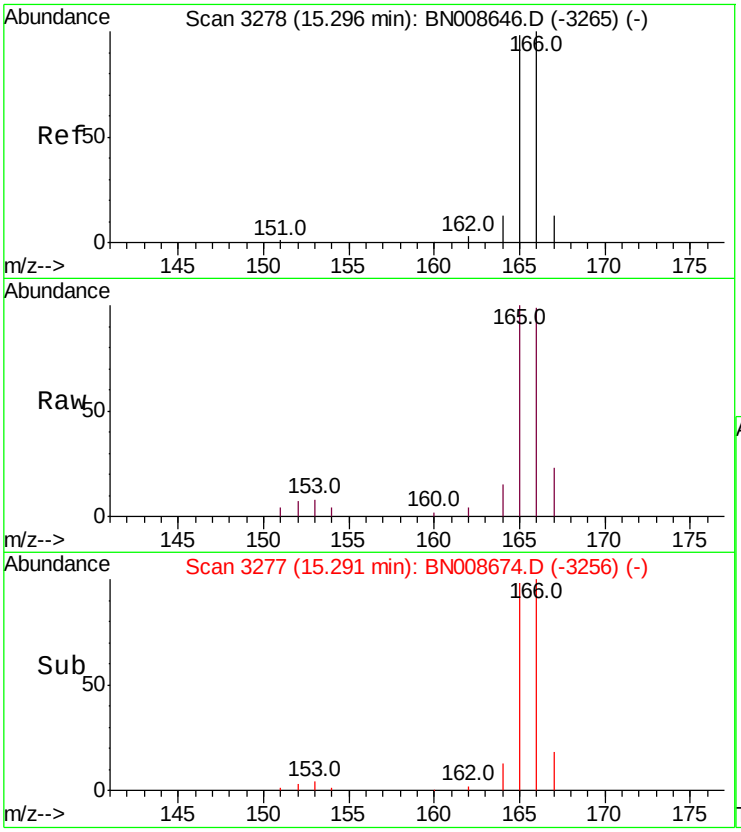


#8
Acenaphthene
Concen: 0.073 ng/ul
RT: 14.30 min Scan# 3063
Delta R.T. -0.00 min
Lab File: BN008674.D
Acq: 20 Nov 2019 23:20

Tgt Ion:153 Resp: 2641

Ion	Ratio	Lower	Upper
153	100		
152	52.7	39.6	59.4
154	88.8	70.6	106.0



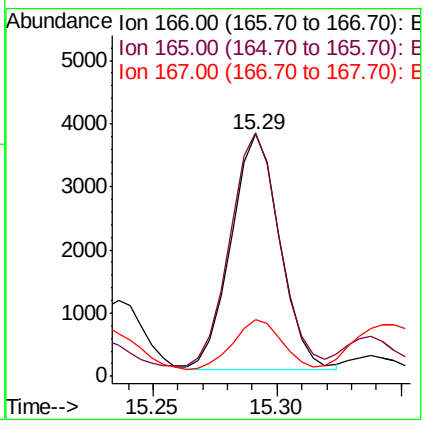


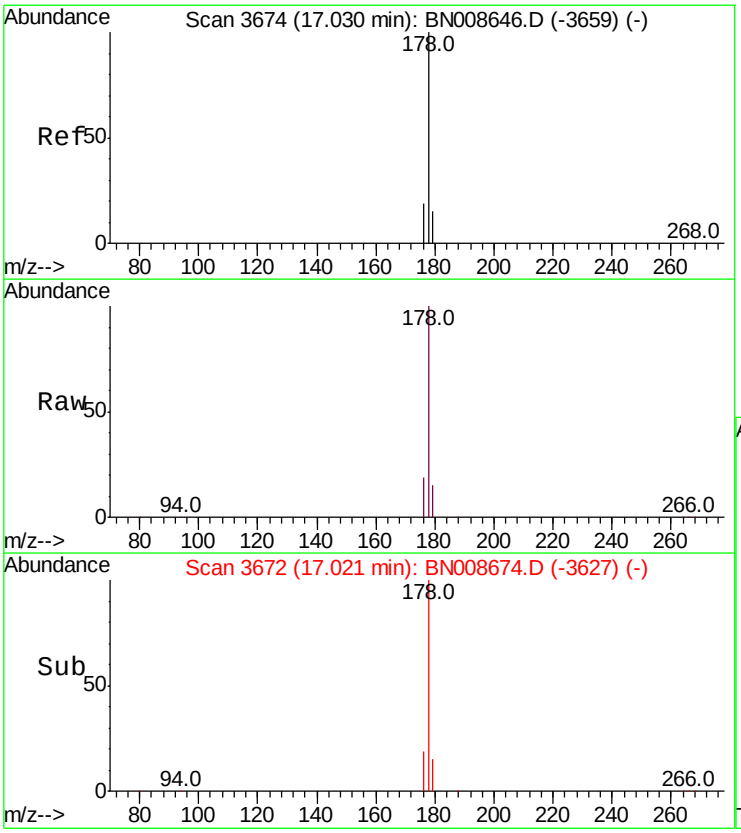
#9
Fluorene
Concen: 0.120 ng/ul
RT: 15.29 min Scan# 3277
Delta R.T. -0.00 min
Lab File: BN008674.D
Acq: 20 Nov 2019 23:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 5101

Ion	Ratio	Lower	Upper
166	100		
165	100.5	77.4	116.0
167	23.3	11.4	17.0#

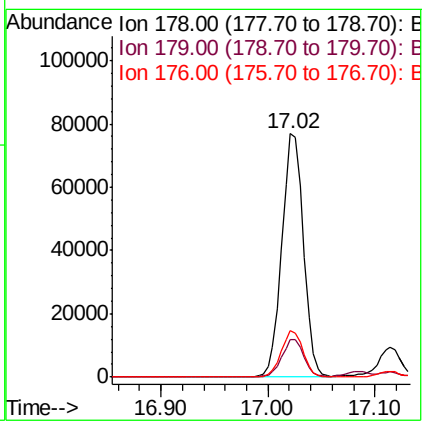


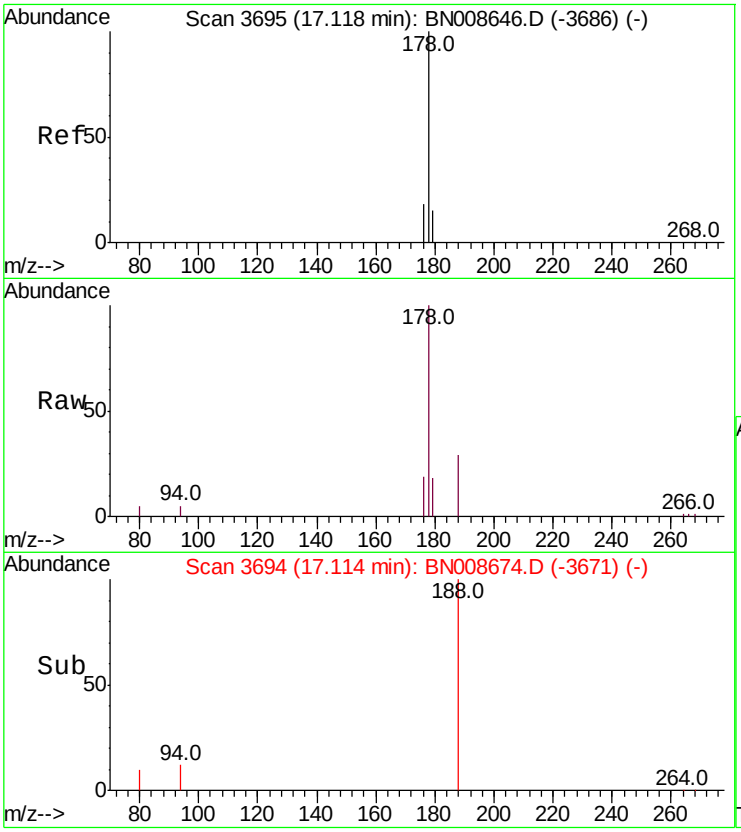


#12
Phenanthrene
Concen: 1.750 ng/ul
RT: 17.02 min Scan# 3672
Delta R.T. -0.01 min
Lab File: BN008674.D
Acq: 20 Nov 2019 23:20

Tgt Ion:178 Resp: 105488

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	18.9	16.0	24.0



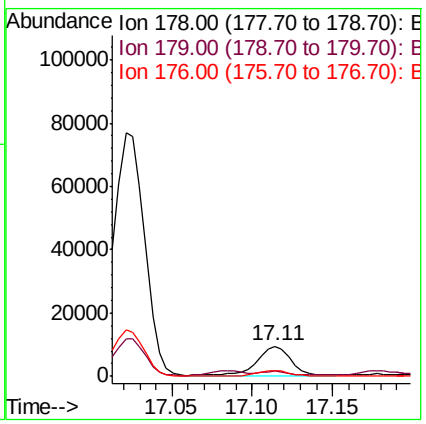


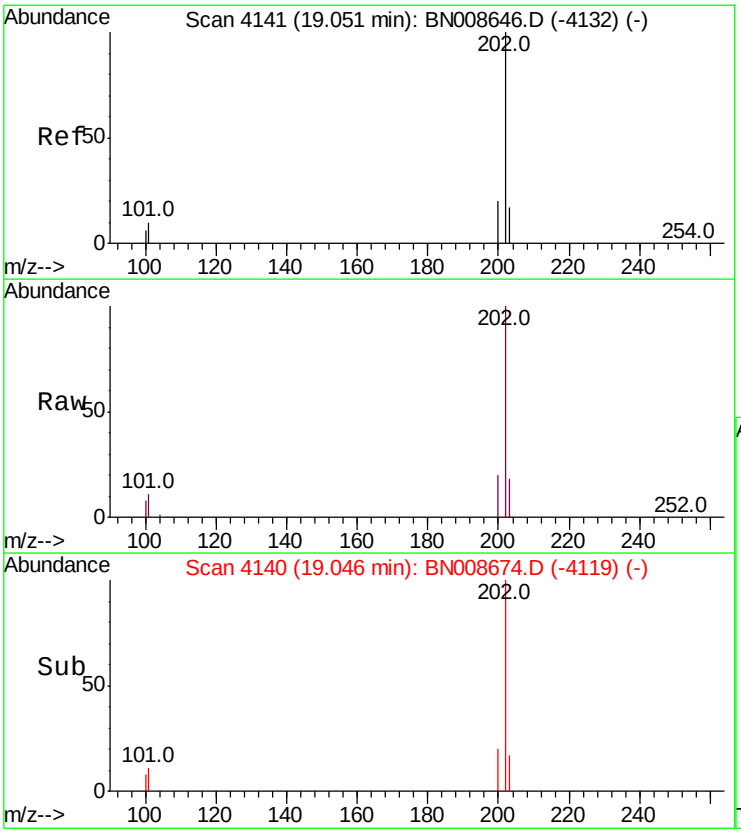
#13
Anthracene
Concen: 0.228 ng/ul
RT: 17.11 min Scan# 3694
Delta R.T. -0.00 min
Lab File: BN008674.D
Acq: 20 Nov 2019 23:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 12976

Ion	Ratio	Lower	Upper
178	100		
179	17.6	13.0	19.4
176	19.0	15.3	22.9

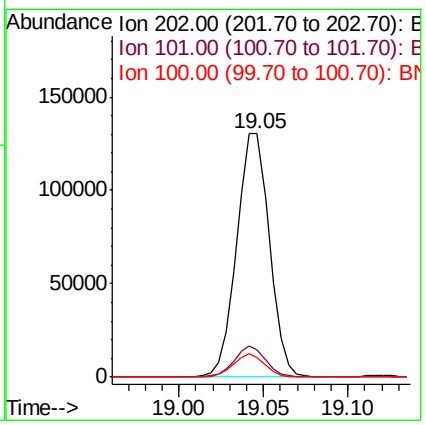


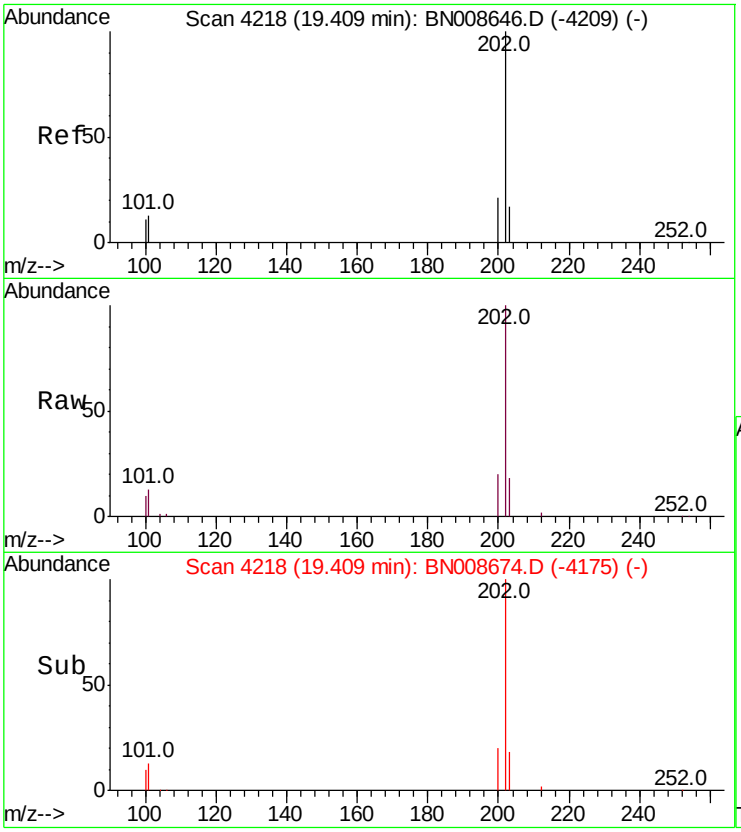


#15
Fluoranthene
Concen: 2.340 ng/ul
RT: 19.05 min Scan# 4140
Delta R.T. -0.00 min
Lab File: BN008674.D
Acq: 20 Nov 2019 23:20

Tgt Ion:202 Resp: 173231

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	29.6
100	8.1	0.0	27.0



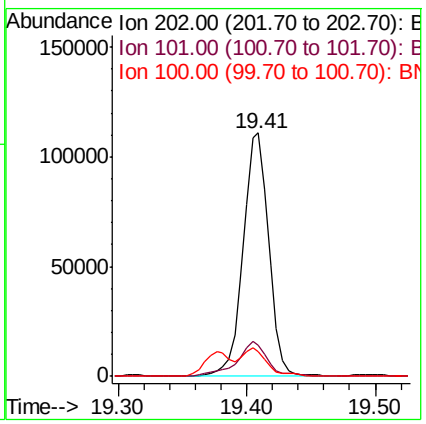


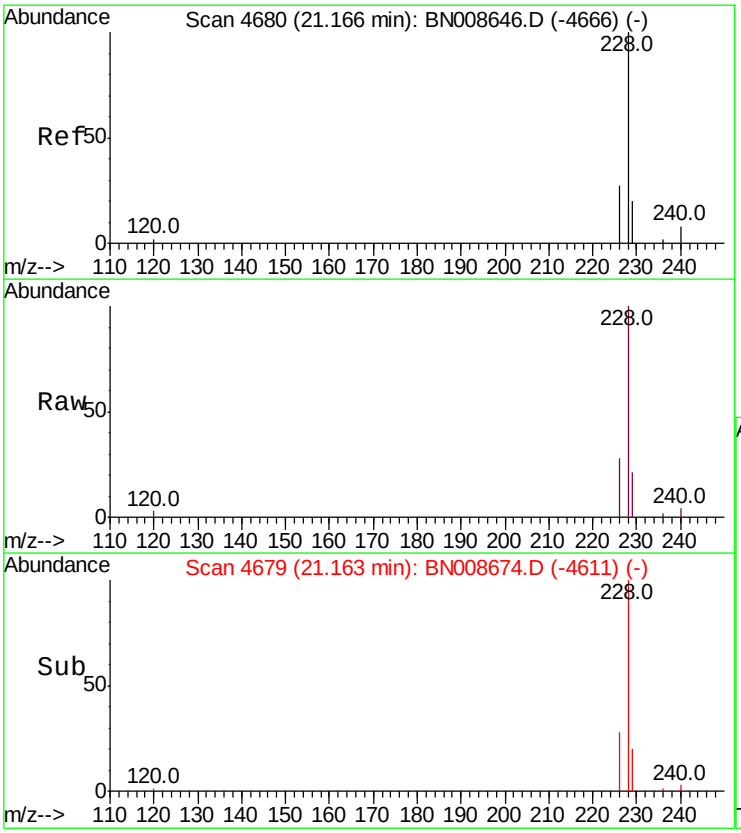
#17
Pyrene
Concen: 2.676 ng/ul
RT: 19.41 min Scan# 4218
Delta R.T. 0.00 min
Lab File: BN008674.D
Acq: 20 Nov 2019 23:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 151527

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.2	15.2
100	10.4	8.2	12.2

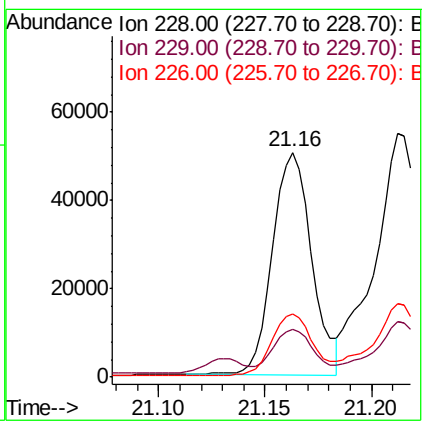


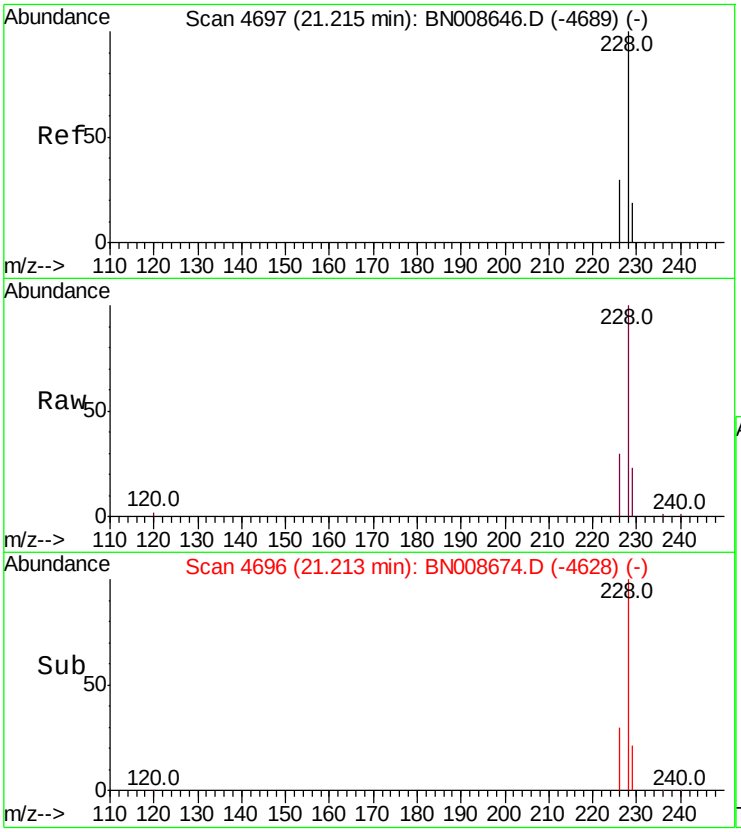


#18
Benzo(a)anthracene
Concen: 1.140 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.00 min
Lab File: BN008674.D
Acq: 20 Nov 2019 23:20

Tgt Ion:228 Resp: 64689

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.6
226	28.3	21.6	32.4



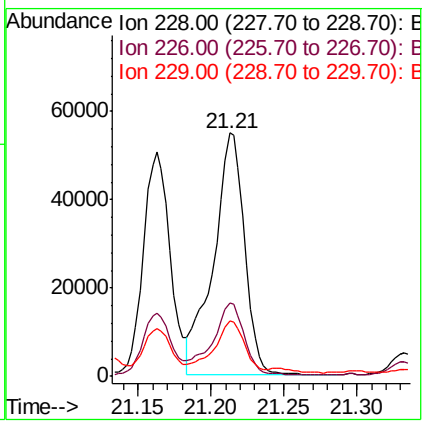


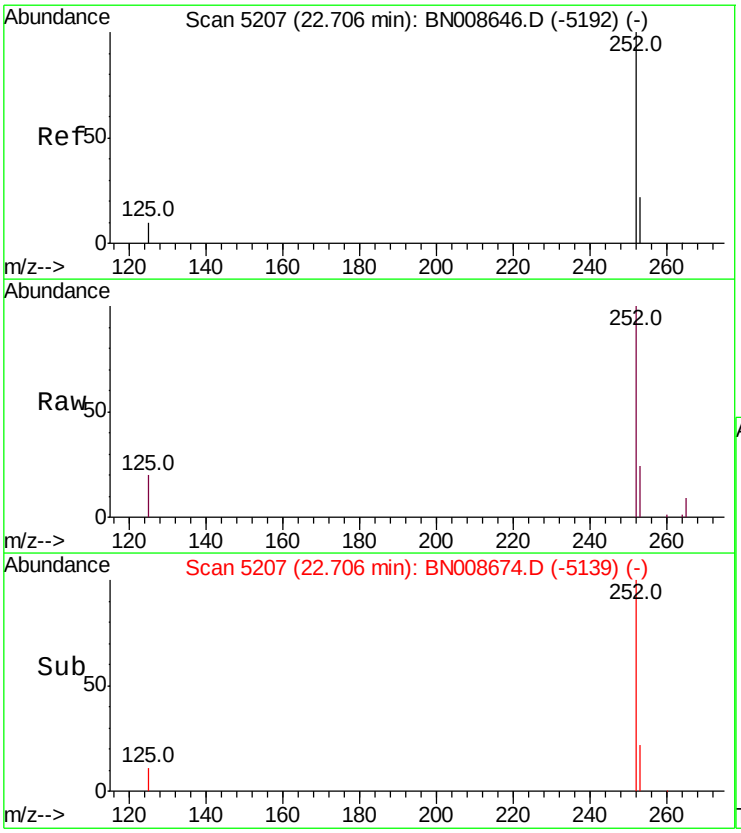
#19
Chrysene
Concen: 1.446 ng/ul
RT: 21.21 min Scan# 4696
Delta R.T. -0.00 min
Lab File: BN008674.D
Acq: 20 Nov 2019 23:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 80635

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	22.5	15.5	23.3

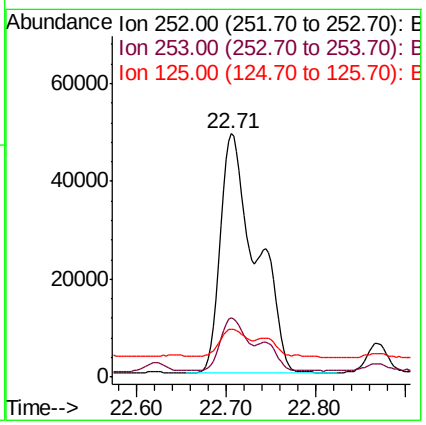


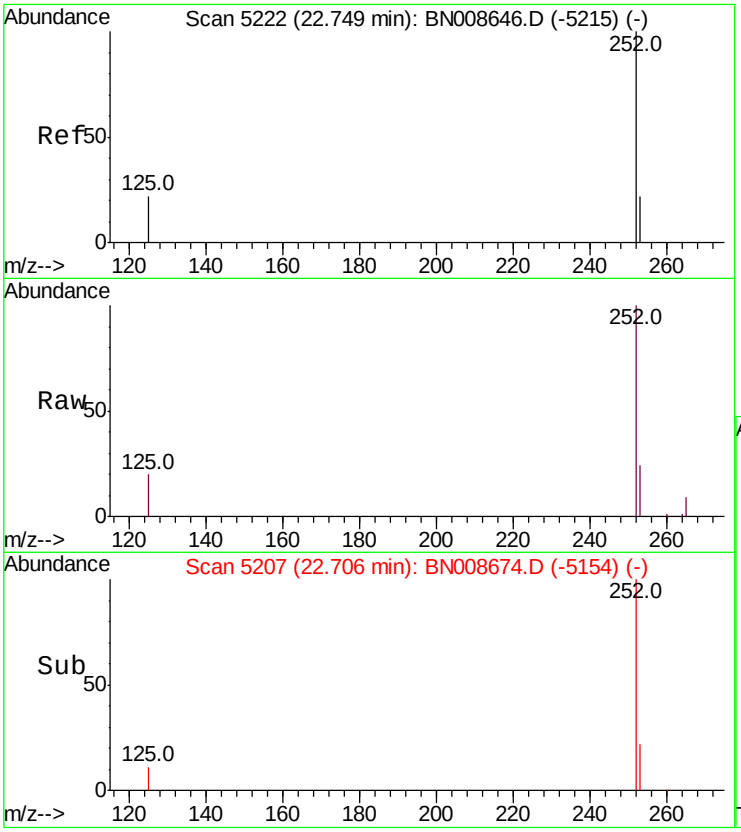


#21
Benzo(b)fluoranthene
Concen: 2.252 ng/ul
RT: 22.71 min Scan# 5207
Delta R.T. 0.00 min
Lab File: BN008674.D
Acq: 20 Nov 2019 23:20

Tgt Ion:252 Resp: 136318

Ion	Ratio	Lower	Upper
252	100		
253	24.2	0.0	50.2
125	19.7	0.0	30.0



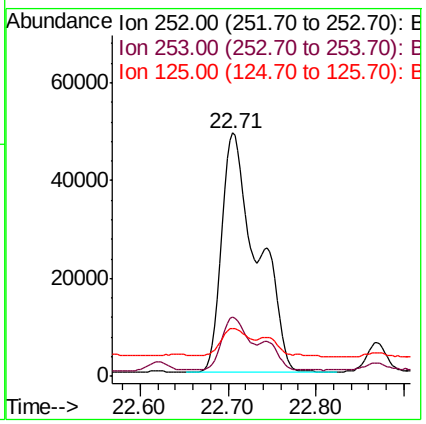


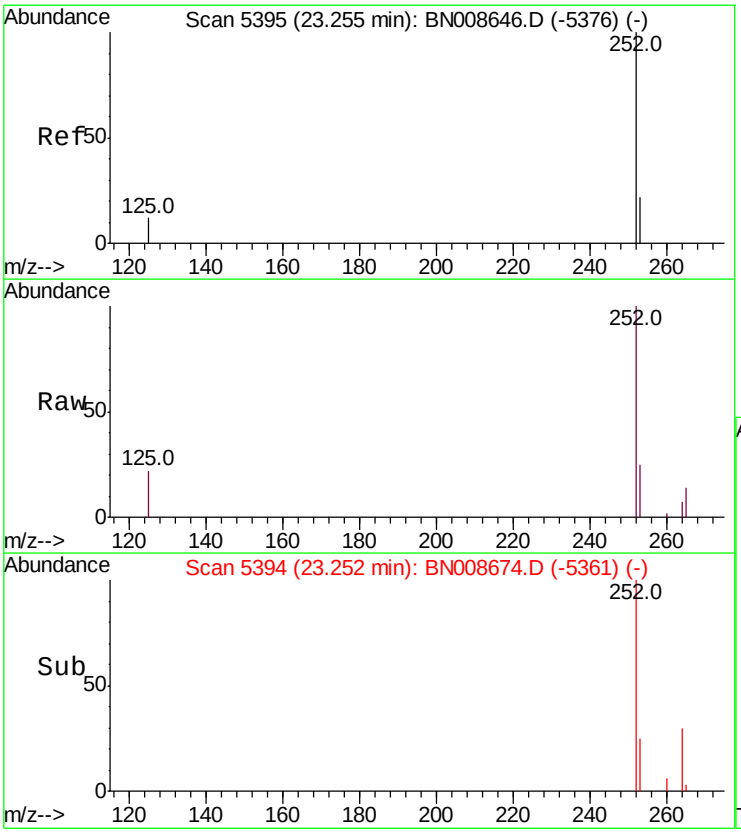
#22
Benzo(k)fluoranthene
Concen: 2.272 ng/ul
RT: 22.71 min Scan# 5207
Delta R.T. -0.04 min
Lab File: BN008674.D
Acq: 20 Nov 2019 23:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 136435

Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.5	30.7
125	19.7	15.0	22.4

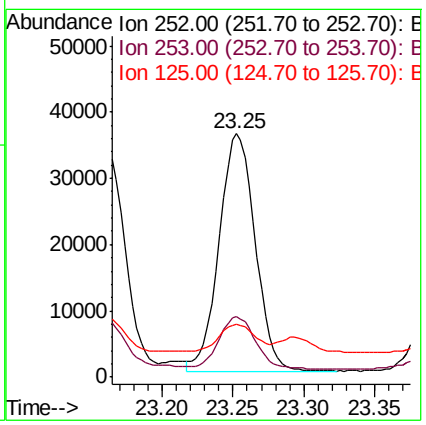


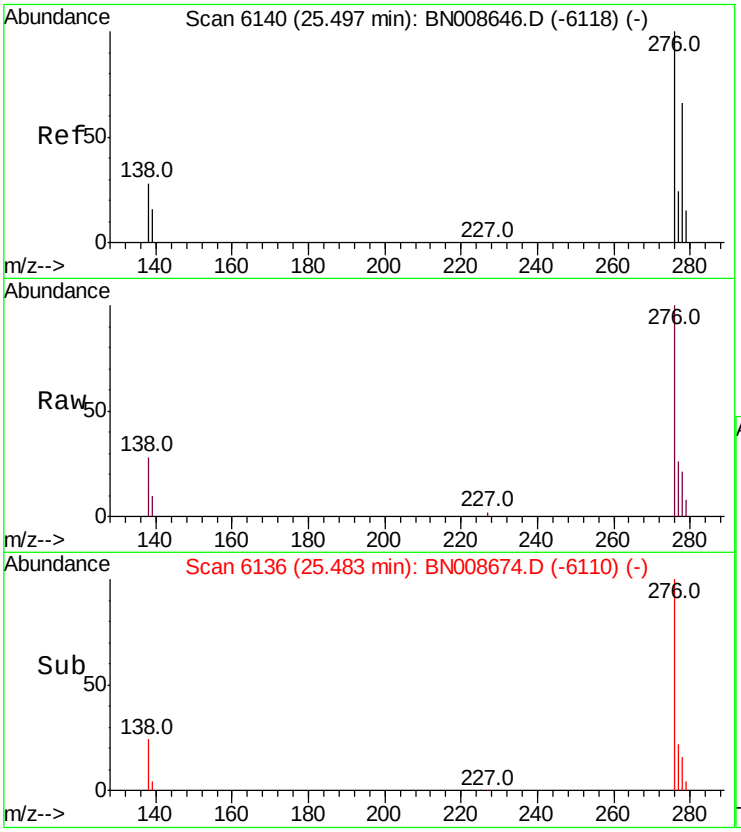


#23
Benzo(a)pyrene
Concen: 1.109 ng/ul
RT: 23.25 min Scan# 5394
Delta R.T. -0.00 min
Lab File: BN008674.D
Acq: 20 Nov 2019 23:20

Tgt Ion:252 Resp: 63028

Ion	Ratio	Lower	Upper
252	100		
253	24.9	21.4	32.2
125	21.8	13.8	20.8#



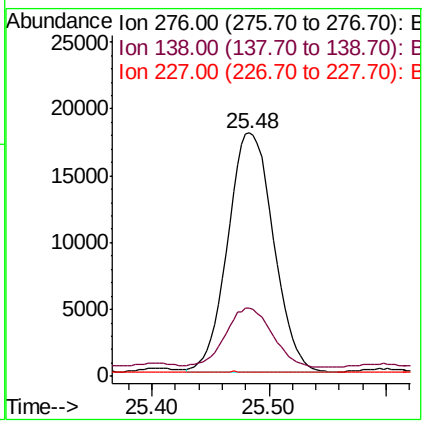


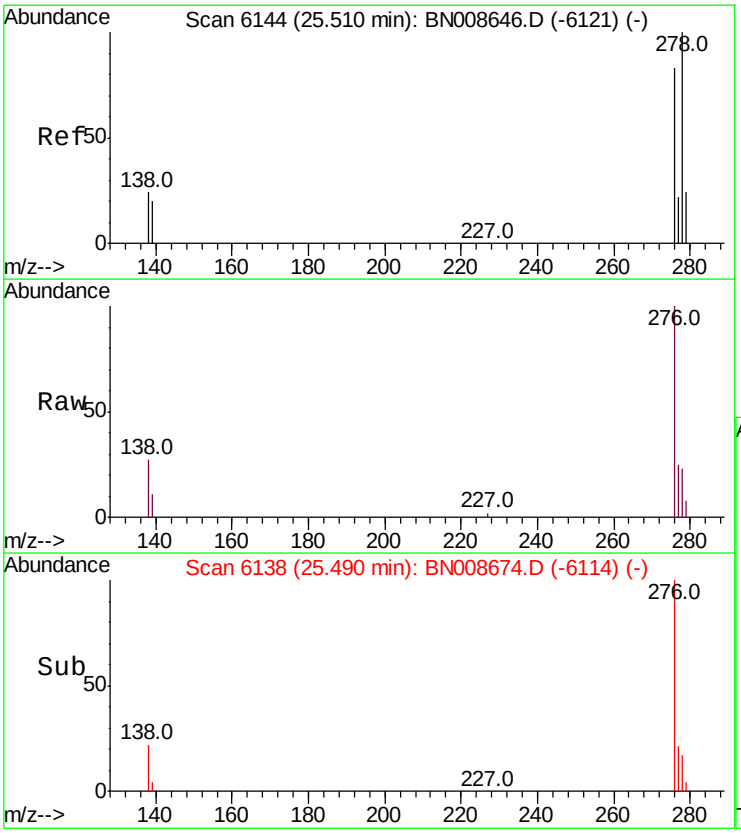
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.726 ng/ul
RT: 25.48 min Scan# 6136
Delta R.T. -0.01 min
Lab File: BN008674.D
Acq: 20 Nov 2019 23:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 48282

Ion	Ratio	Lower	Upper
276	100		
138	25.7	21.7	32.5
227	0.2	0.2	0.2#

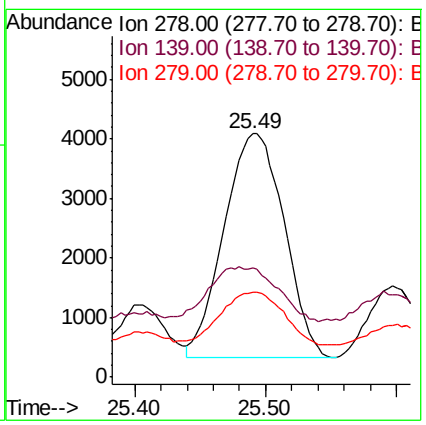


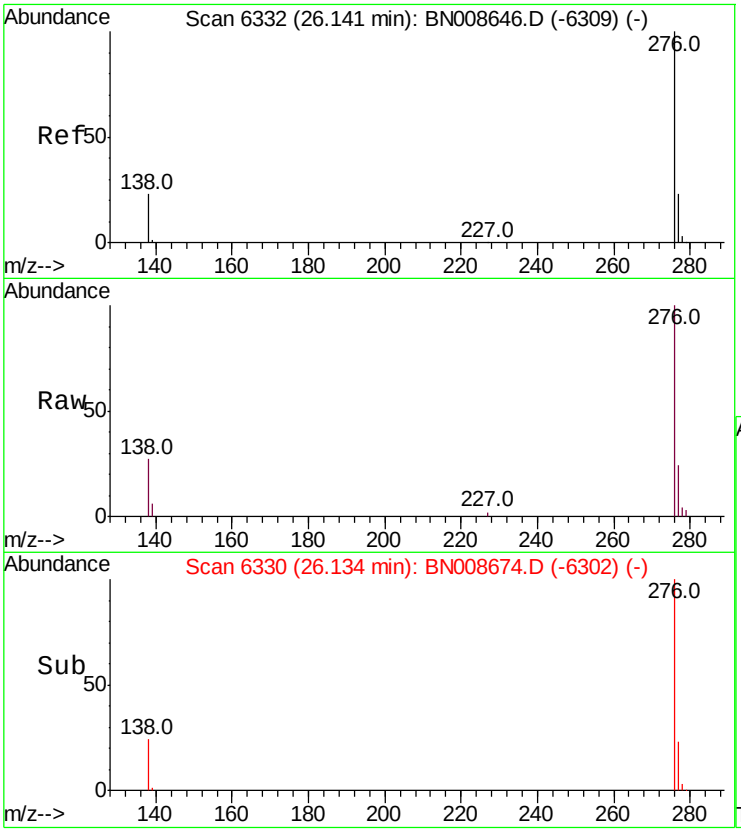


#25
Dibenzo(a,h)anthracene
Concen: 0.223 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.02 min
Lab File: BN008674.D
Acq: 20 Nov 2019 23:20

Tgt Ion:278 Resp: 11958

Ion	Ratio	Lower	Upper
278	100		
139	44.9	18.7	28.1#
279	34.8	20.8	31.2#





#26
Benzo(g,h,i)perylene
Concen: 0.897 ng/ul
RT: 26.13 min Scan# 6330
Delta R.T. -0.01 min
Lab File: BN008674.D
Acq: 20 Nov 2019 23:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 49848

Ion	Ratio	Lower	Upper
276	100		
138	27.5	20.0	30.0
277	24.4	20.0	30.0