Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052021\
Data File : BN014681.D
Acq On : 20 May 2021 11:41
Operator : CG/JU
Sample : PB136550BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SLCS550

Quant Time: May 20 12:43:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 20 11:25:34 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	533	0.40	ng/ul	0.00
4) Naphthalene-d8	10.51	136	1739	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.38	164	1208	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.12	188	2921	0.40	ng/ul	0.00
17) Chrysene-d12	21.32	240	3370	0.40	ng/ul	0.00
23) Perylene-d12	23.59	264	3038	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	350	0.64	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.11	152	968	0.32	ng/ul	0.00
18) Fluoranthene-d10	19.16	212	3177	0.37	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	910	1.592	ng/ul#	86
5) Naphthalene	10.56	128	1594	0.315	ng/ul	96
7) 2-Methylnaphthalene	12.18	142	1108	0.305	ng/ul	98
8) 1-Methylnaphthalene	12.40	142	1093	0.311	ng/ul	100
10) Acenaphthylene	14.09	152	1319	0.302	ng/ul	99
11) Acenaphthene	14.44	153	1306	0.314	ng/ul	98
12) Fluorene	15.43	166	1535	0.300	ng/ul	98
14) Pentachlorophenol	16.78	266	302	0.735	ng/ul	89
15) Phenanthrene	17.16	178	2900	0.319	ng/ul	99
16) Anthracene	17.26	178	2290	0.323	ng/ul	99
19) Fluoranthene	19.19	202	3787	0.362	ng/ul	99
20) Pyrene	19.55	202	3807	0.359	ng/ul	99
21) Benzo(a)anthracene	21.31	228	3636	0.342	ng/ul	100
22) Chrysene	21.36	228	4556	0.374	ng/ul	99
24) Benzo(b)fluoranthene	22.90	252	4691	0.351	ng/ul	96
25) Benzo(k)fluoranthene	22.95	252	4904	0.348	ng/ul	99
26) Benzo(a)pyrene	23.49	252	3723	0.365	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.87	276	5341	0.368	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.89	278	4357	0.374	ng/ul	100
29) Benzo(g,h,i)perylene	26.57	276	4549	0.367	ng/ul	99

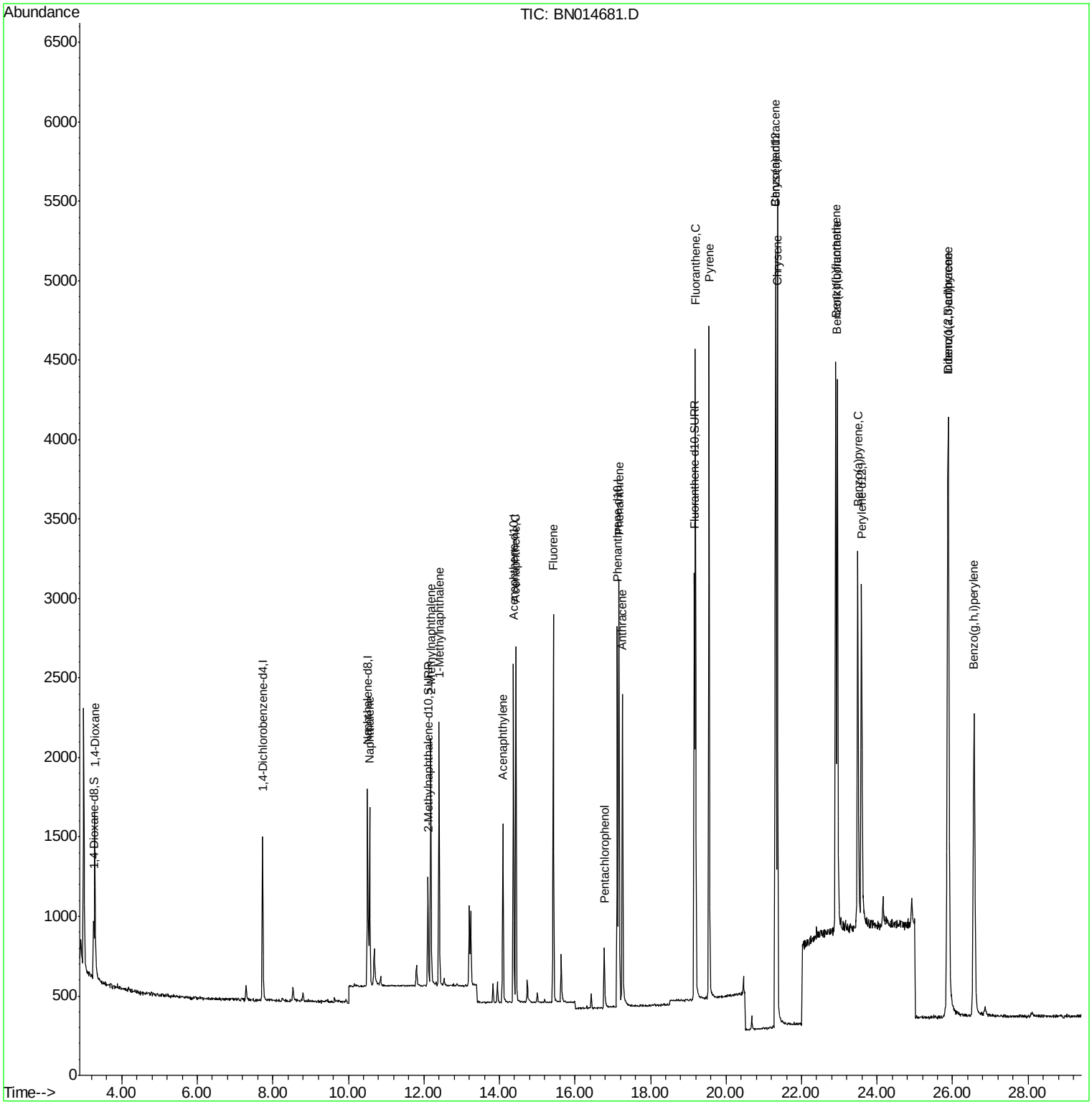
(#) = qualifier out of range (m) = manual integration (+) = signals summed

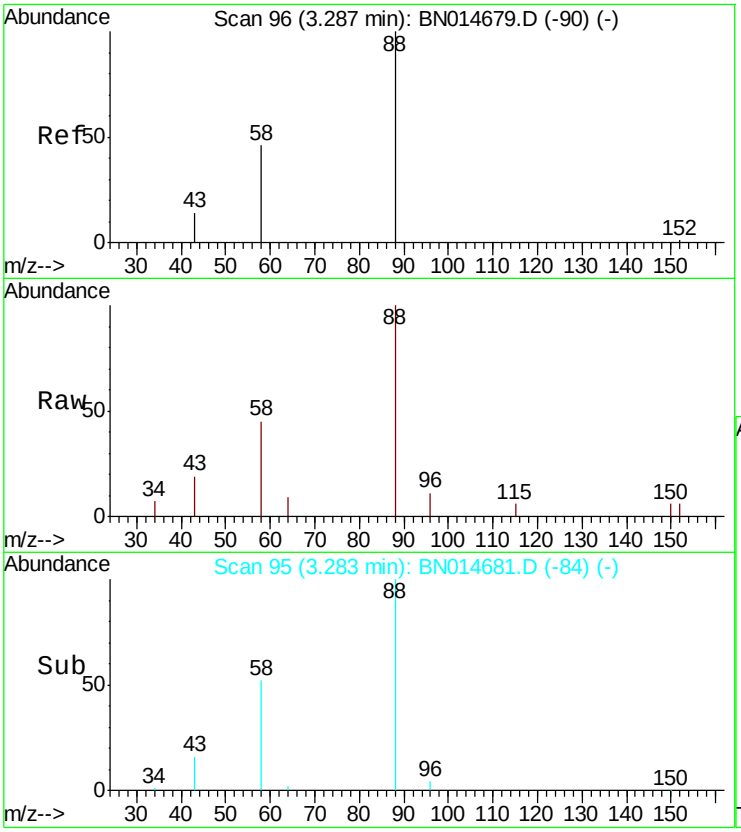
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052021\
Data File : BN014681.D
Acq On : 20 May 2021 11:41
Operator : CG/JU
Sample : PB136550BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS550

Quant Time: May 20 12:43:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 20 11:25:34 2021
Response via : Initial Calibration



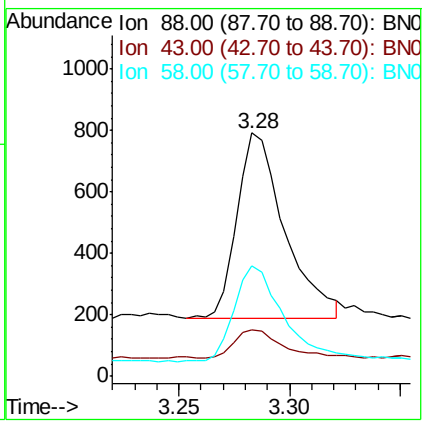


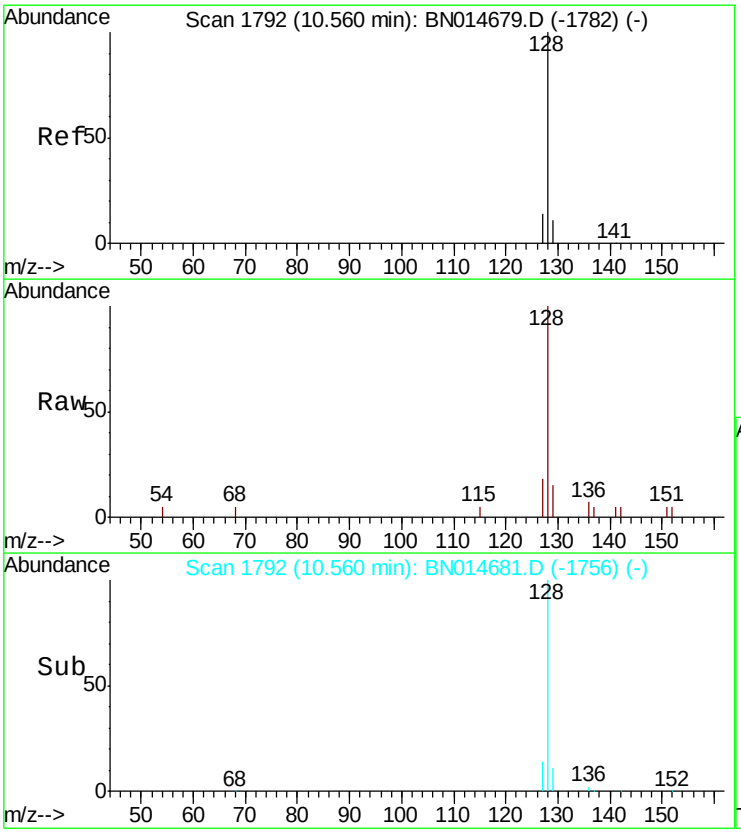
#2
1,4-Dioxane
Concen: 1.592 ng/ul
RT: 3.28 min Scan# 95
Delta R.T. -0.00 min
Lab File: BN014681.D
Acq: 20 May 2021 11:41

Instrument :
BNA_N
ClientSampleId :
SLCS550

Tgt Ion: 88 Resp: 910

Ion	Ratio	Lower	Upper
88	100		
43	19.3	22.5	33.7#
58	45.3	30.4	45.6

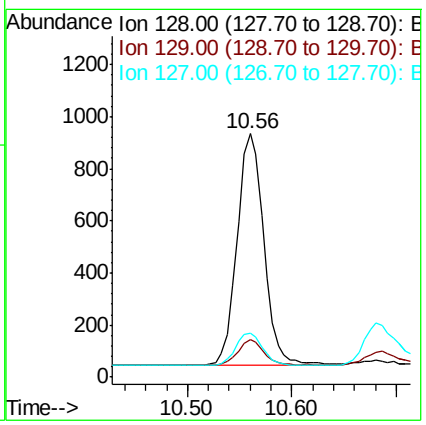


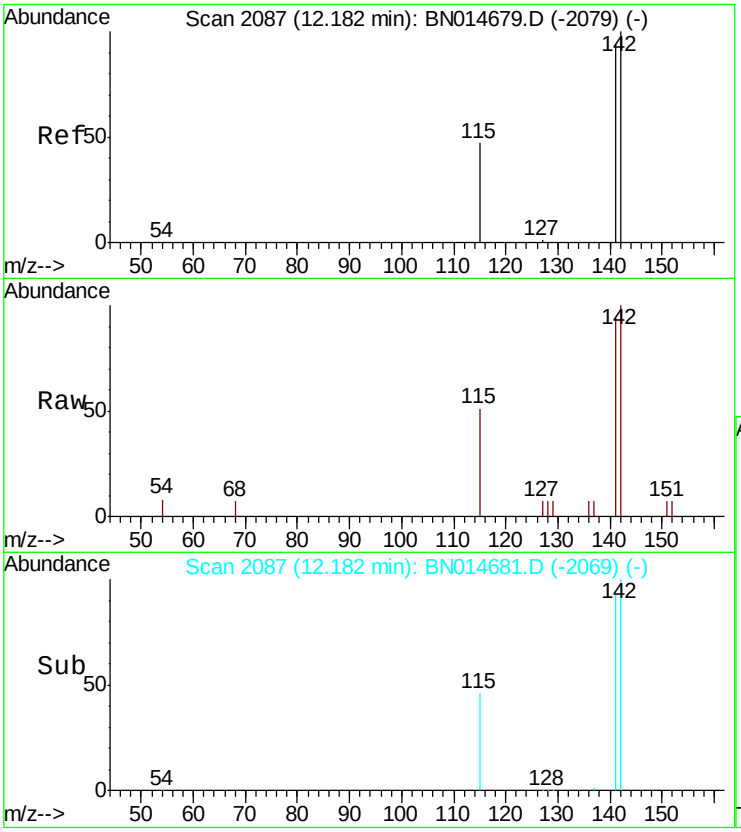


#5
Naphthalene
Concen: 0.315 ng/ul
RT: 10.56 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BN014681.D
Acq: 20 May 2021 11:41

Tgt Ion:128 Resp: 1594

Ion	Ratio	Lower	Upper
128	100		
129	15.2	10.9	16.3
127	18.0	15.7	23.5



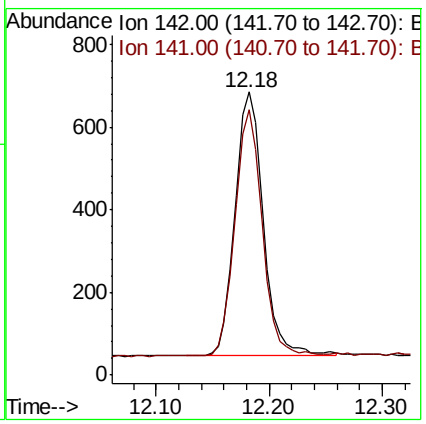


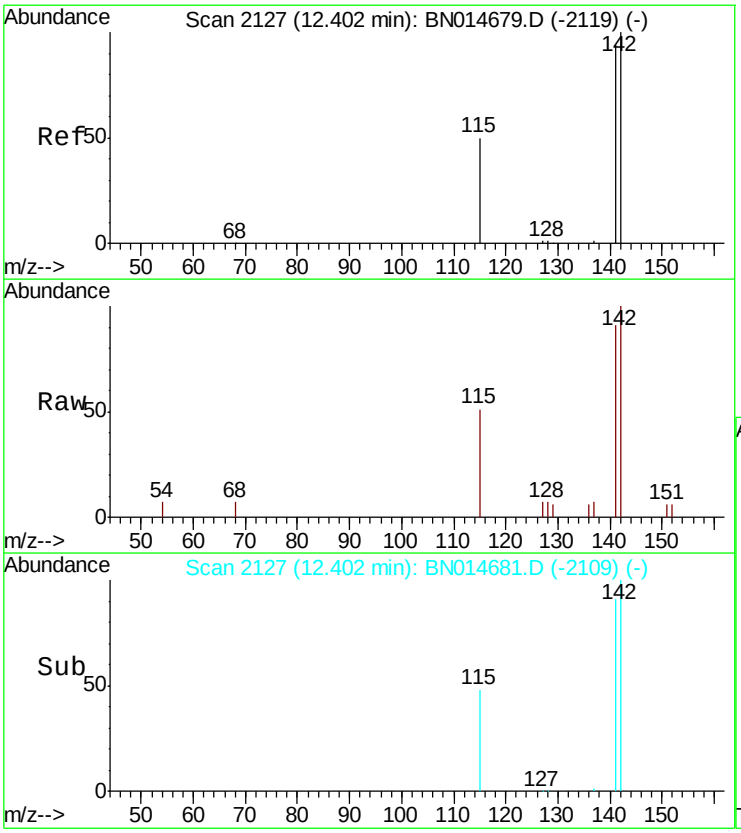
#7
2-Methylnaphthalene
Concen: 0.305 ng/ul
RT: 12.18 min Scan# 2087
Delta R.T. -0.00 min
Lab File: BN014681.D
Acq: 20 May 2021 11:41

Instrument :
BNA_N
ClientSampleId :
SLCS550

Tgt Ion:142 Resp: 1108

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.2	105.2

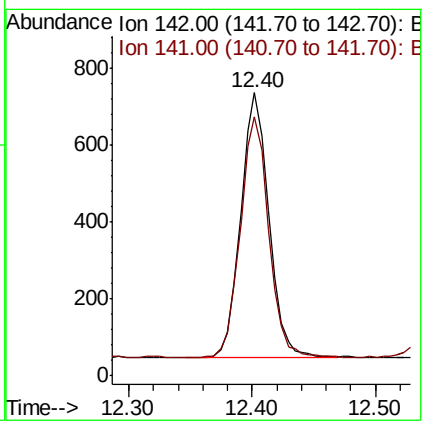


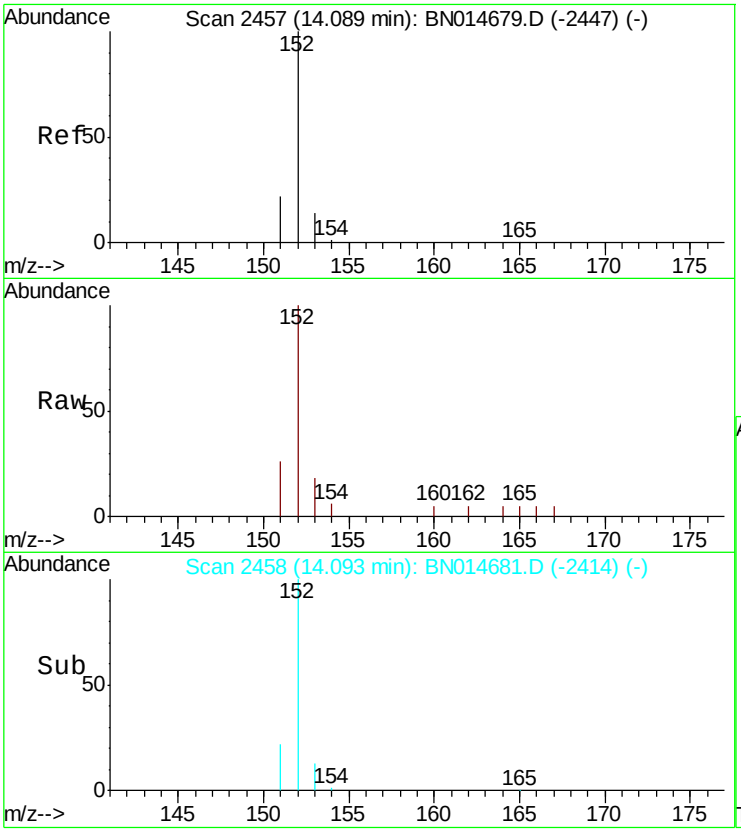


#8
1-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 12.40 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BN014681.D
Acq: 20 May 2021 11:41

Tgt Ion:142 Resp: 1093

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.9	110.9



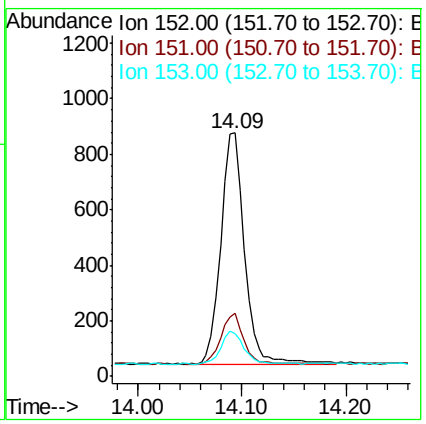


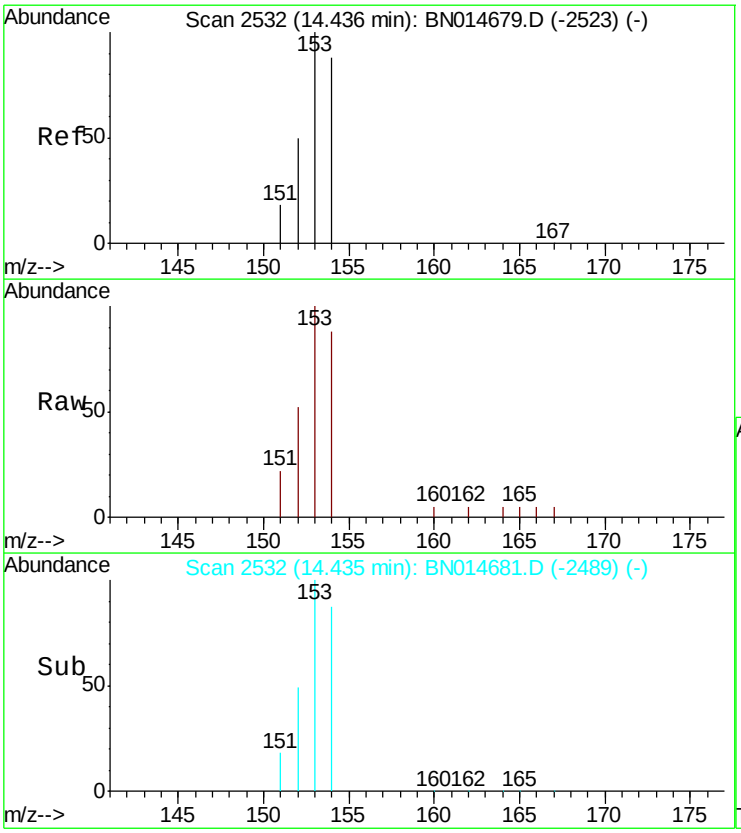
#10
Acenaphthylene
Concen: 0.302 ng/ul
RT: 14.09 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BN014681.D
Acq: 20 May 2021 11:41

Instrument :
BNA_N
ClientSampleId :
SLCS550

Tgt Ion:152 Resp: 1319

Ion	Ratio	Lower	Upper
152	100		
151	25.8	20.2	30.4
153	17.7	14.2	21.4

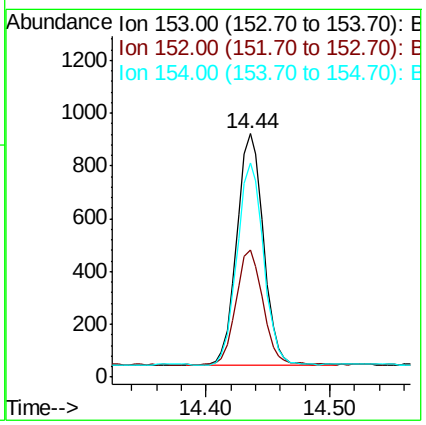


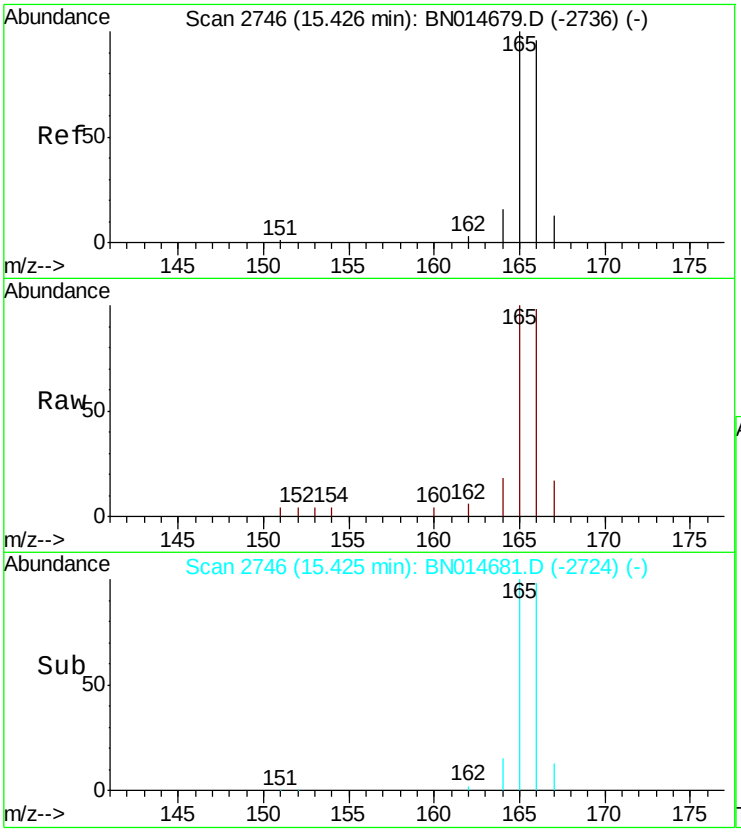


#11
Acenaphthene
Concen: 0.314 ng/ul
RT: 14.44 min Scan# 2532
Delta R.T. -0.00 min
Lab File: BN014681.D
Acq: 20 May 2021 11:41

Tgt Ion:153 Resp: 1306

Ion	Ratio	Lower	Upper
153	100		
152	52.1	39.7	59.5
154	88.2	71.0	106.4



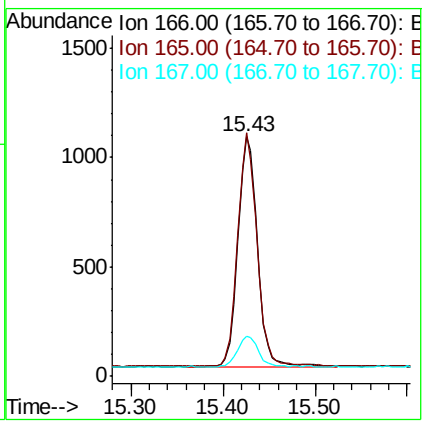


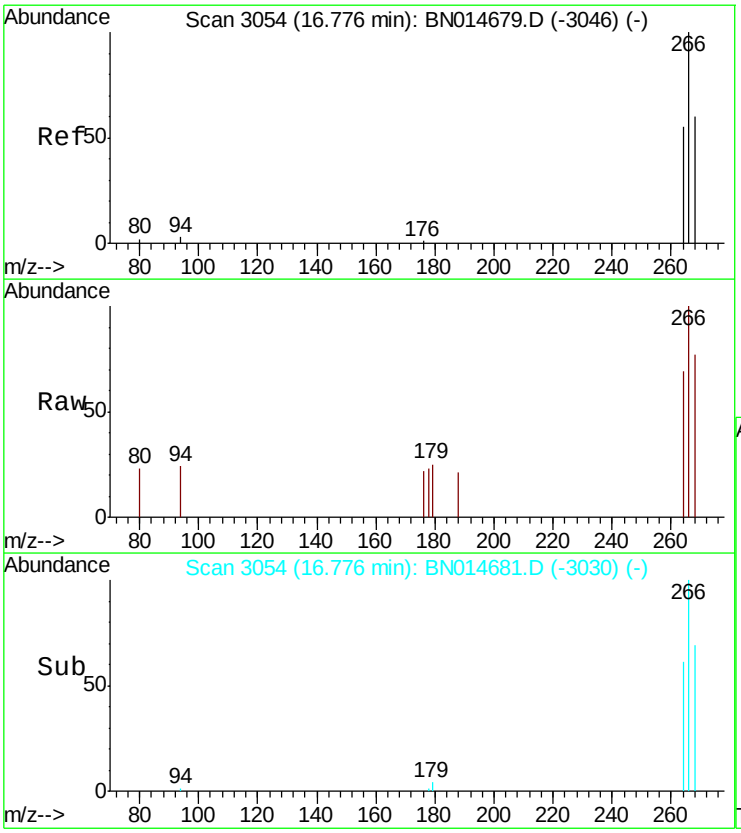
#12
Fluorene
Concen: 0.300 ng/ul
RT: 15.43 min Scan# 2746
Delta R.T. -0.00 min
Lab File: BN014681.D
Acq: 20 May 2021 11:41

Instrument :
BNA_N
ClientSampleId :
SLCS550

Tgt Ion:166 Resp: 1535

Ion	Ratio	Lower	Upper
166	100		
165	101.7	79.3	118.9
167	16.9	13.8	20.6

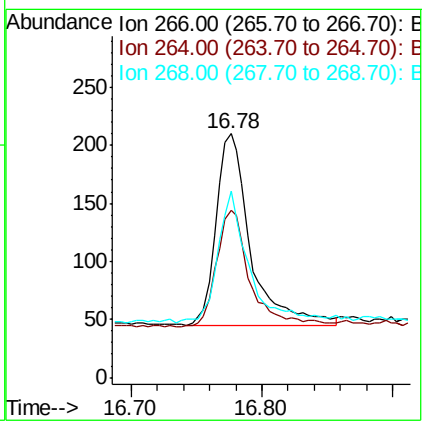


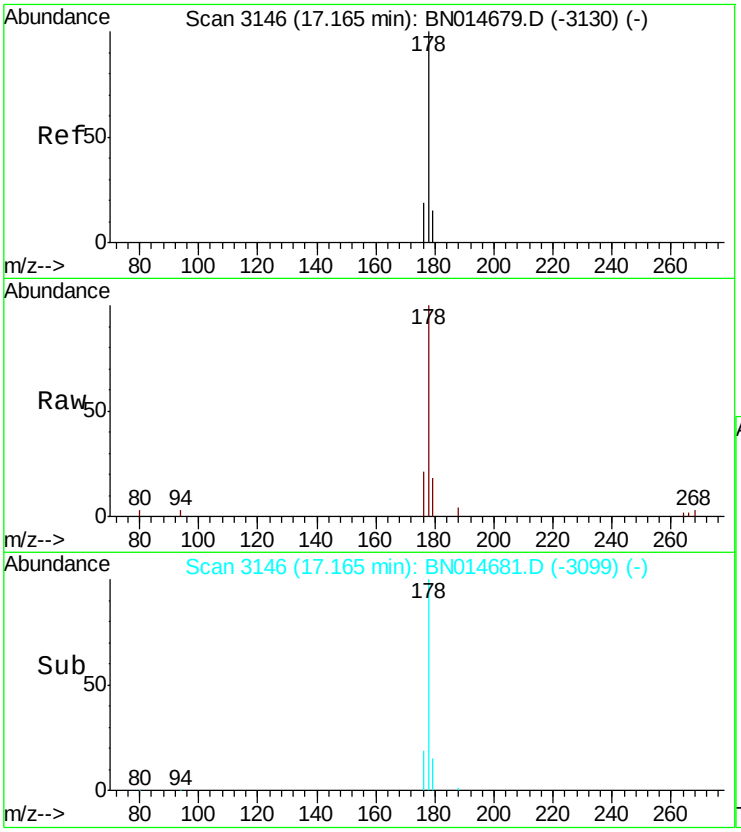


#14
Pentachlorophenol
Concen: 0.735 ng/ul
RT: 16.78 min Scan# 3054
Delta R.T. -0.00 min
Lab File: BN014681.D
Acq: 20 May 2021 11:41

Tgt Ion:266 Resp: 302

Ion	Ratio	Lower	Upper
266	100		
264	59.3	52.9	79.3
268	62.9	59.4	89.0



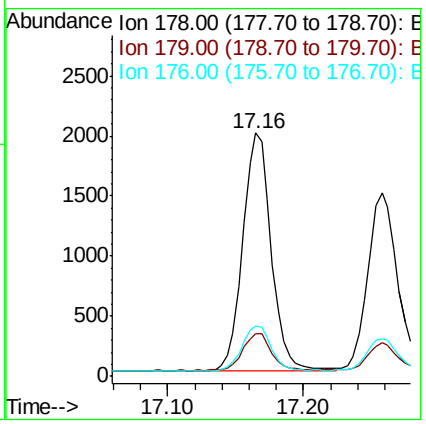


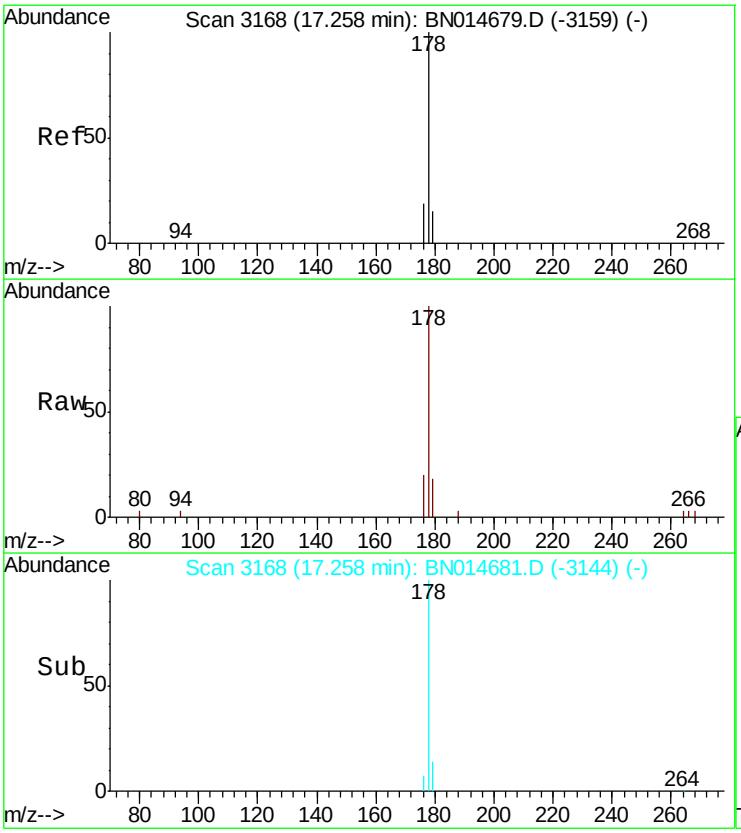
#15
Phenanthrene
Concen: 0.319 ng/ul
RT: 17.16 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BN014681.D
Acq: 20 May 2021 11:41

Instrument :
BNA_N
ClientSampleId :
SLCS550

Tgt Ion:178 Resp: 2900

Ion	Ratio	Lower	Upper
178	100		
179	17.5	13.8	20.6
176	20.8	16.2	24.4

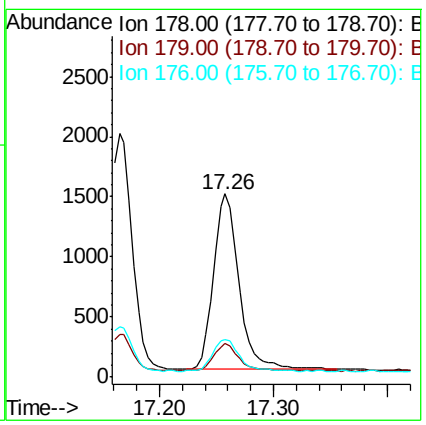


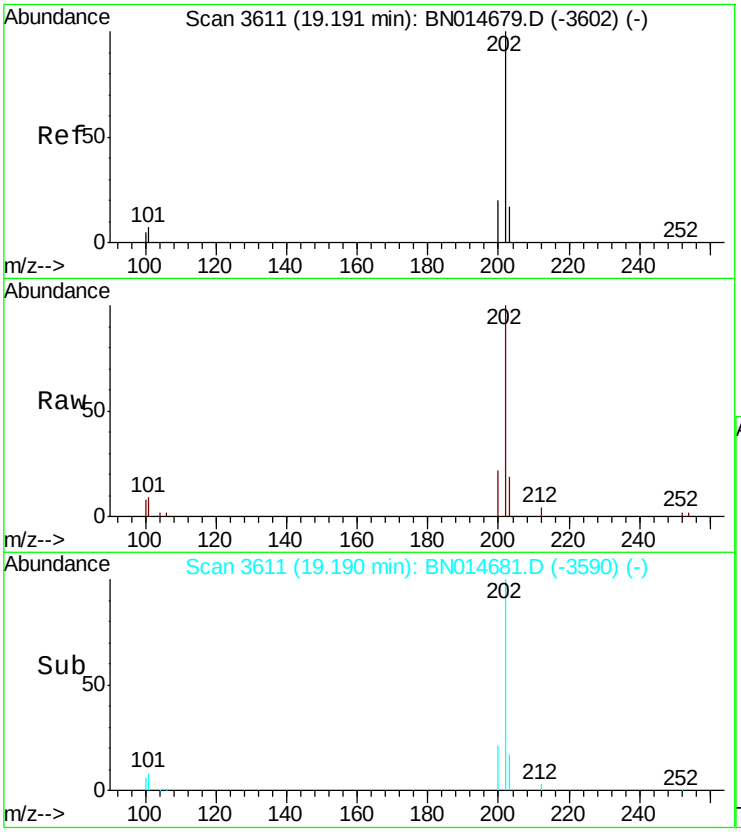


#16
Anthracene
Concen: 0.323 ng/ul
RT: 17.26 min Scan# 3168
Delta R.T. -0.00 min
Lab File: BN014681.D
Acq: 20 May 2021 11:41

Tgt Ion:178 Resp: 2290

Ion	Ratio	Lower	Upper
178	100		
179	18.1	14.3	21.5
176	20.4	17.1	25.7



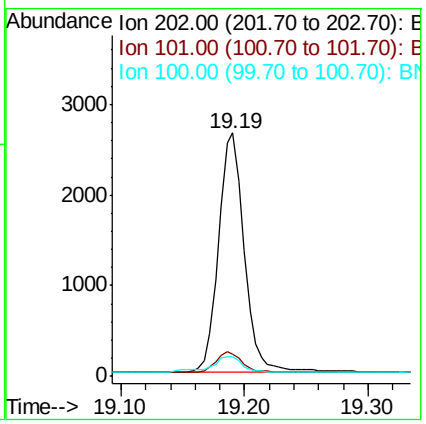


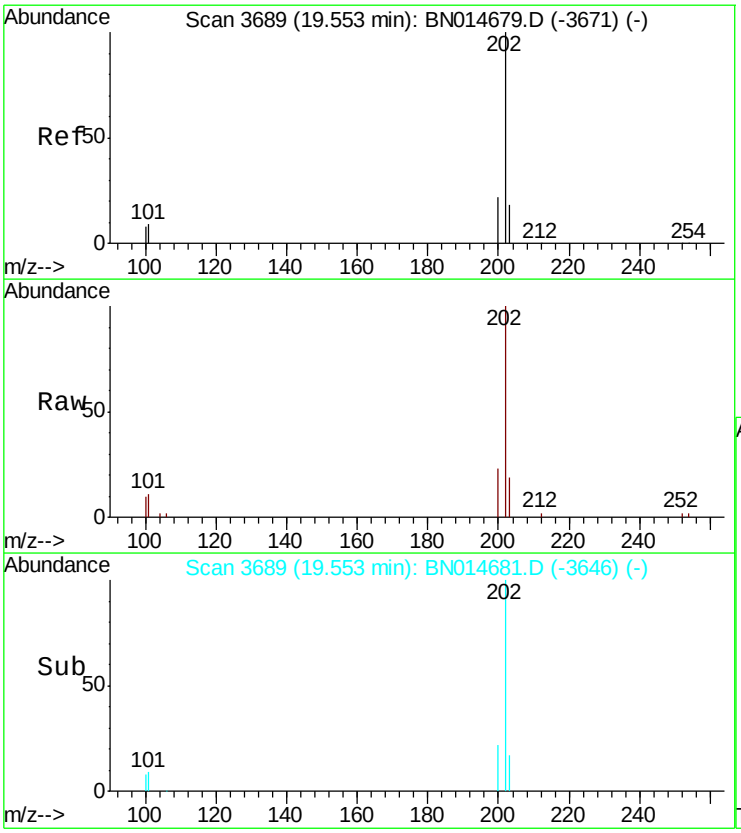
#19
Fluoranthene
Concen: 0.362 ng/ul
RT: 19.19 min Scan# 3611
Delta R.T. -0.00 min
Lab File: BN014681.D
Acq: 20 May 2021 11:41

Instrument :
BNA_N
ClientSampleId :
SLCS550

Tgt Ion:202 Resp: 3787

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.6	11.4
100	8.0	5.9	8.9

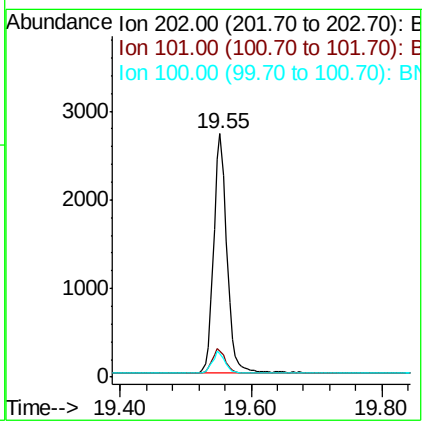


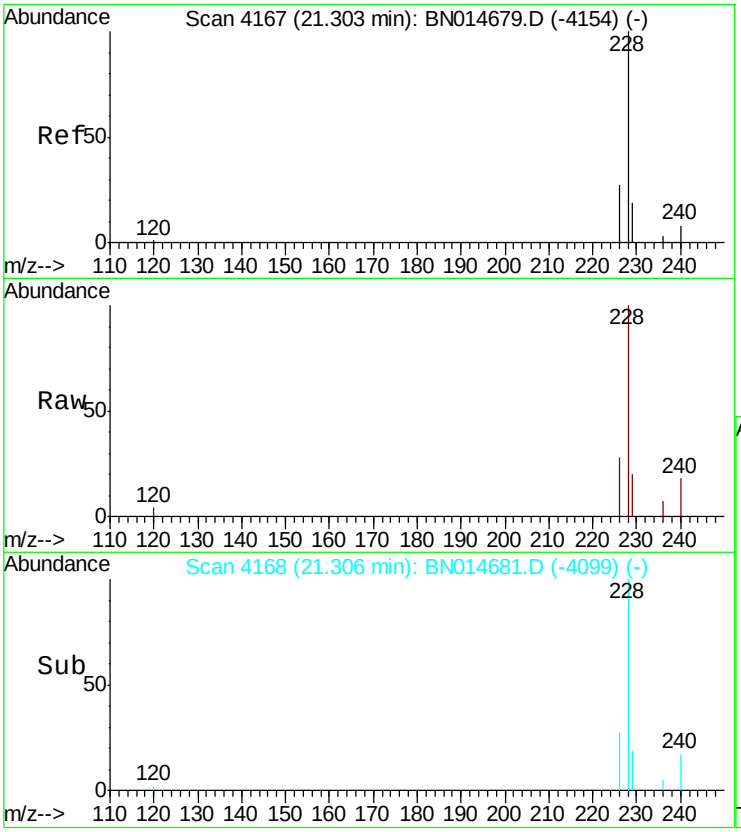


#20
Pyrene
Concen: 0.359 ng/ul
RT: 19.55 min Scan# 3689
Delta R.T. -0.00 min
Lab File: BN014681.D
Acq: 20 May 2021 11:41

Tgt Ion:202 Resp: 3807

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.5	12.7
100	9.5	7.4	11.2



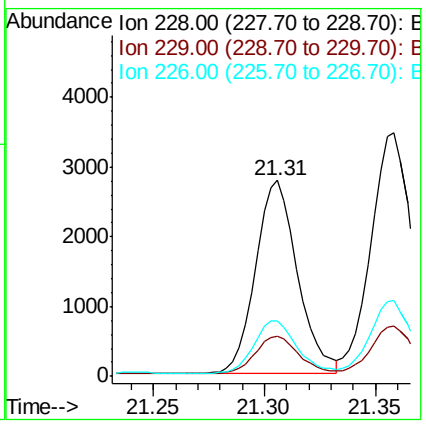


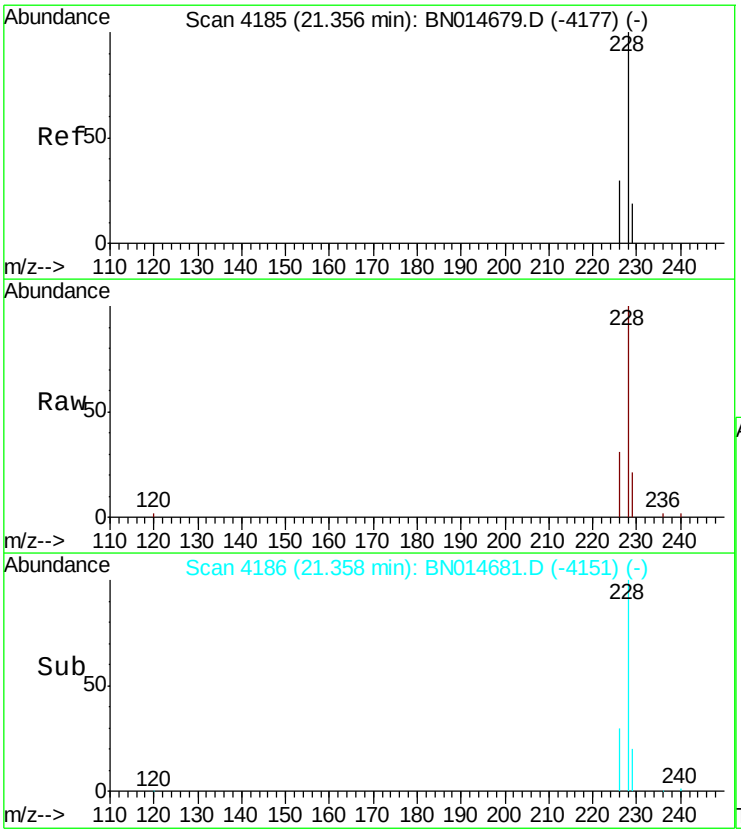
#21
Benzo(a)anthracene
Concen: 0.342 ng/ul
RT: 21.31 min Scan# 4168
Delta R.T. 0.00 min
Lab File: BN014681.D
Acq: 20 May 2021 11:41

Instrument :
BNA_N
ClientSampleId :
SLCS550

Tgt Ion:228 Resp: 3636

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.3	24.5
226	28.1	22.6	33.8

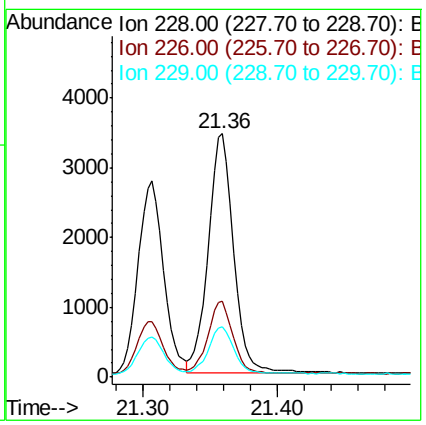


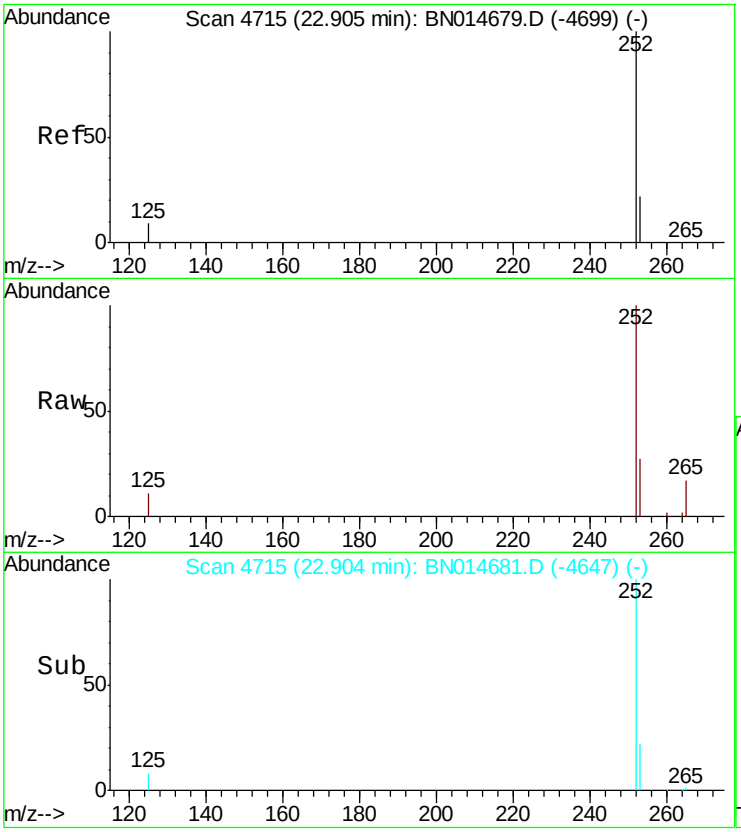


#22
Chrysene
Concen: 0.374 ng/ul
RT: 21.36 min Scan# 4186
Delta R.T. 0.00 min
Lab File: BN014681.D
Acq: 20 May 2021 11:41

Tgt Ion:228 Resp: 4556

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.3	37.9
229	20.6	16.2	24.4



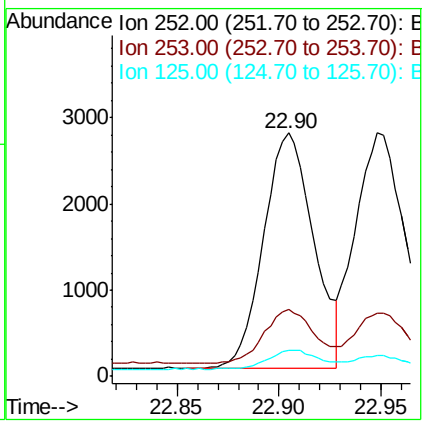


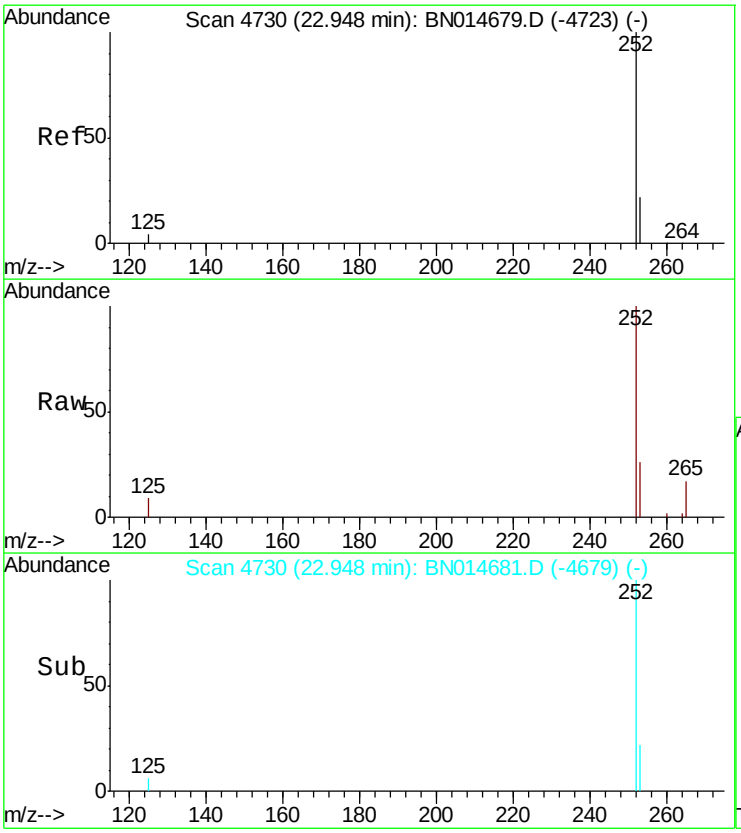
#24
Benzo(b)fluoranthene
Concen: 0.351 ng/ul
RT: 22.90 min Scan# 4715
Delta R.T. -0.00 min
Lab File: BN014681.D
Acq: 20 May 2021 11:41

Instrument :
BNA_N
ClientSampleId :
SLCS550

Tgt Ion:252 Resp: 4691

Ion	Ratio	Lower	Upper
252	100		
253	27.3	0.0	50.2
125	10.8	0.0	19.4

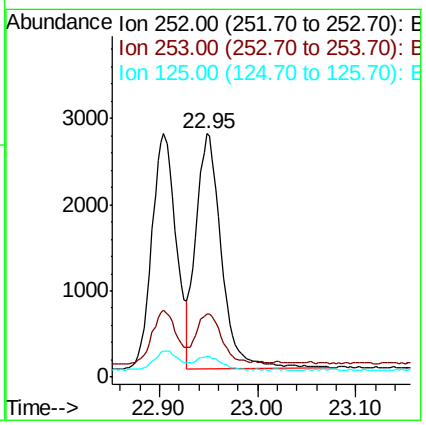


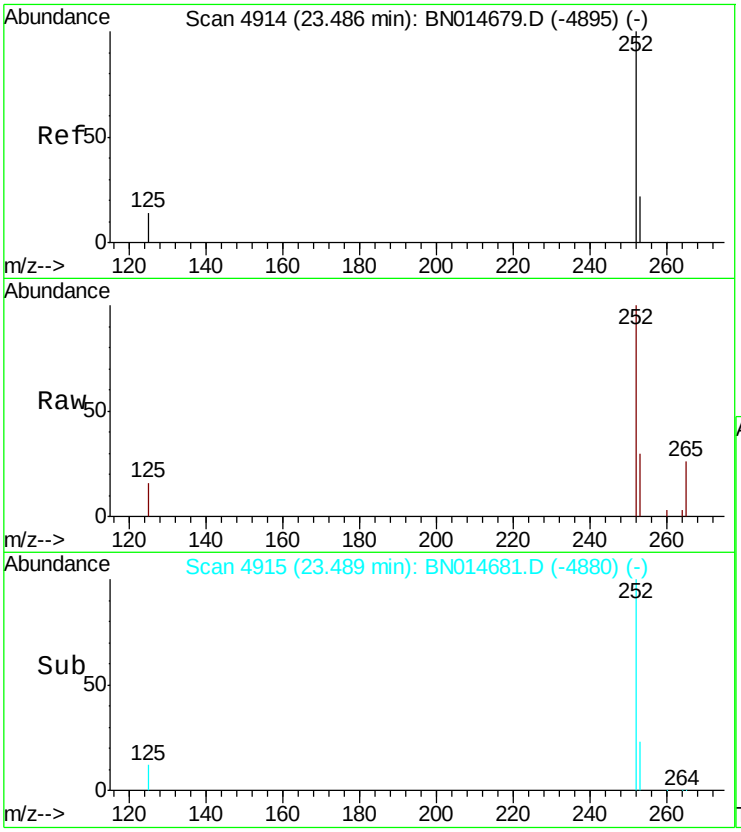


#25
Benzo(k)fluoranthene
Concen: 0.348 ng/ul
RT: 22.95 min Scan# 4730
Delta R.T. -0.00 min
Lab File: BN014681.D
Acq: 20 May 2021 11:41

Tgt Ion:252 Resp: 4904

Ion	Ratio	Lower	Upper
252	100		
253	26.1	20.5	30.7
125	8.7	6.9	10.3



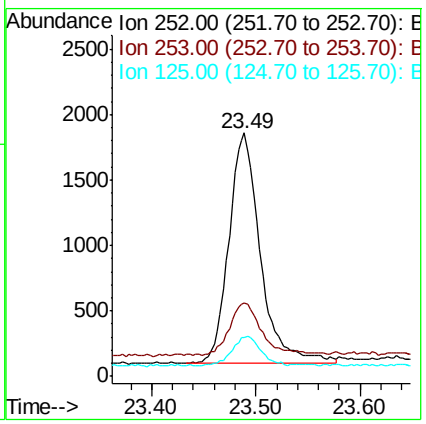


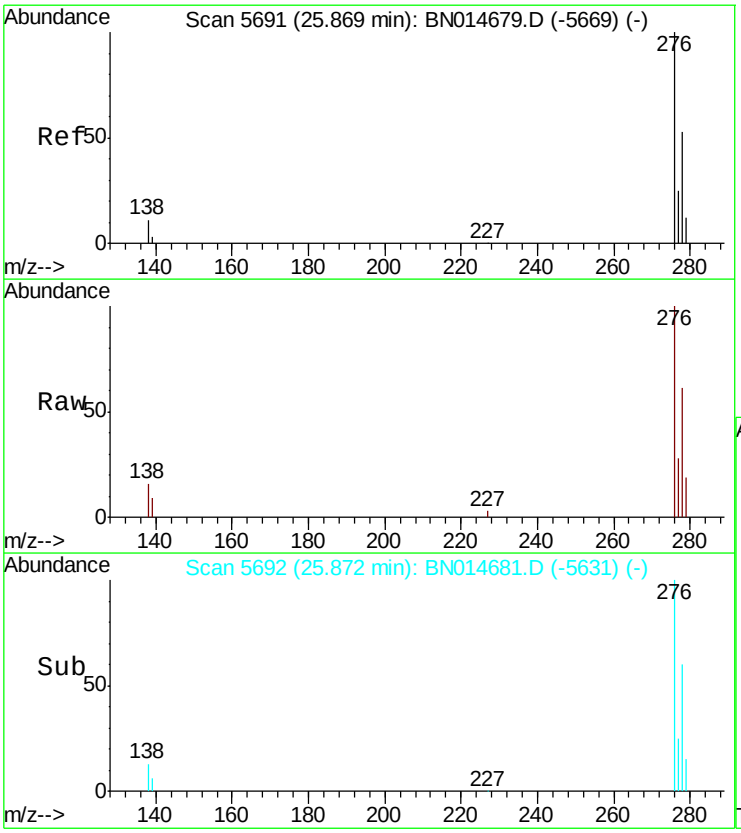
#26
Benzo(a)pyrene
Concen: 0.365 ng/ul
RT: 23.49 min Scan# 4915
Delta R.T. 0.00 min
Lab File: BN014681.D
Acq: 20 May 2021 11:41

Instrument :
BNA_N
ClientSampleId :
SLCS550

Tgt Ion:252 Resp: 3723

Ion	Ratio	Lower	Upper
252	100		
253	30.1	23.0	34.6
125	15.8	9.5	14.3#

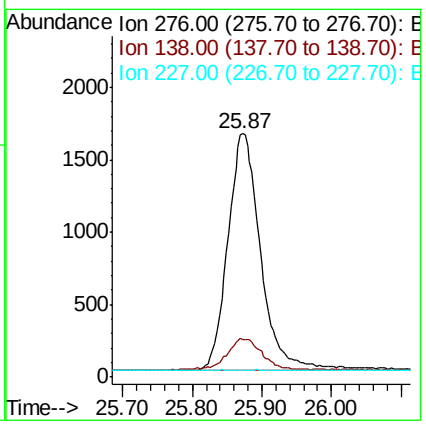


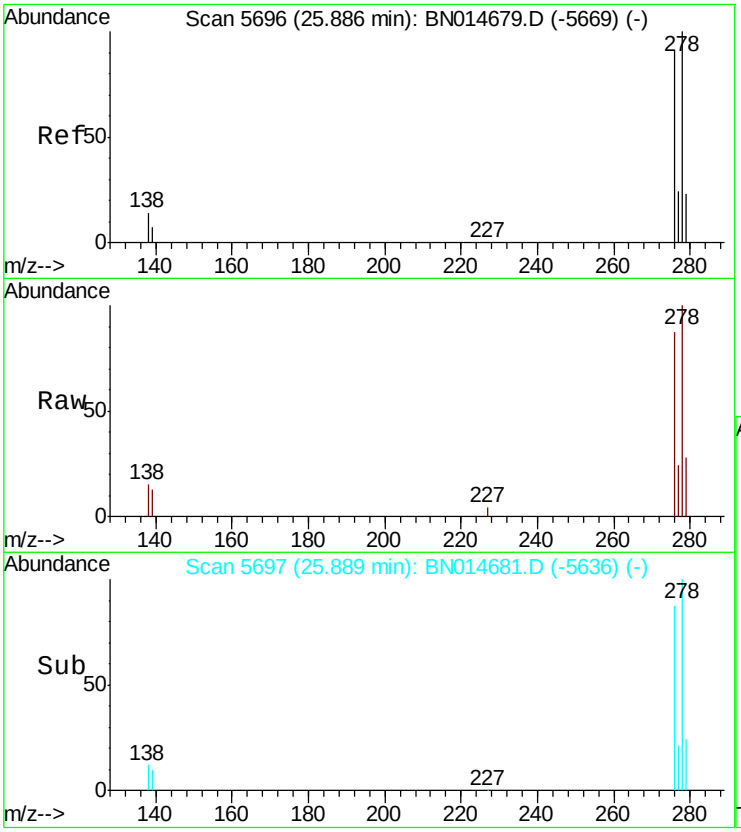


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.368 ng/ul
RT: 25.87 min Scan# 5692
Delta R.T. 0.00 min
Lab File: BN014681.D
Acq: 20 May 2021 11:41

Tgt Ion:276 Resp: 5341

Ion	Ratio	Lower	Upper
276	100		
138	14.0	10.9	16.3
227	0.0	0.1	0.1#



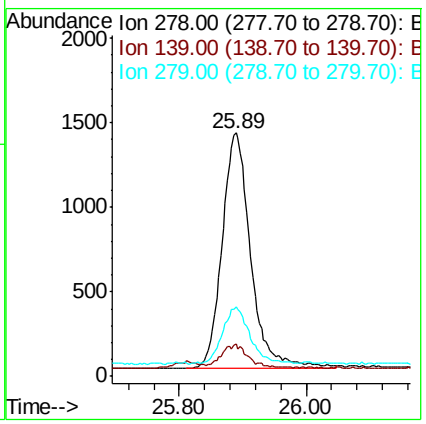


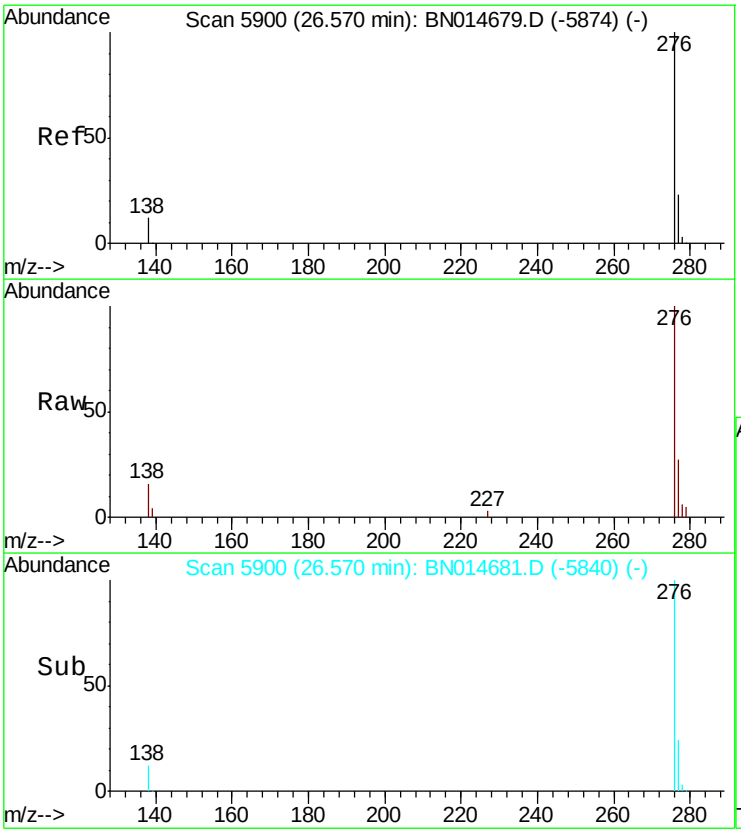
#28
Dibenzo(a,h)anthracene
Concen: 0.374 ng/ul
RT: 25.89 min Scan# 5697
Delta R.T. 0.00 min
Lab File: BN014681.D
Acq: 20 May 2021 11:41

Instrument :
BNA_N
ClientSampleId :
SLCS550

Tgt Ion:278 Resp: 4357

Ion	Ratio	Lower	Upper
278	100		
139	13.2	10.6	16.0
279	28.4	22.6	34.0





#29
Benzo(g,h,i)perylene
Concen: 0.367 ng/ul
RT: 26.57 min Scan# 5900
Delta R.T. -0.00 min
Lab File: BN014681.D
Acq: 20 May 2021 11:41

Tgt Ion:276 Resp: 4549

Ion	Ratio	Lower	Upper
276	100		
138	15.6	11.5	17.3
277	26.7	21.4	32.2