Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031521\
Data File : BN013940.D
Acq On : 15 Mar 2021 12:56
Operator : CG/JU
Sample : PB134986BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SLCS986

Quant Time: Mar 15 13:29:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN031221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 12 13:33:49 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	4101	0.40	ng/ul	0.00
4) Naphthalene-d8	10.49	136	13505	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.35	164	6486	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.10	188	13775	0.40	ng/ul	0.00
17) Chrysene-d12	21.28	240	11498	0.40	ng/ul	0.00
23) Perylene-d12	23.51	264	10364	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	2909	0.66	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.09	152	6637	0.34	ng/ul	0.00
18) Fluoranthene-d10	19.13	212	12894	0.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	7945	1.728	ng/ul#	85
5) Naphthalene	10.54	128	13344	0.339	ng/ul	100
7) 2-Methylnaphthalene	12.16	142	8405	0.328	ng/ul	100
8) 1-Methylnaphthalene	12.38	142	8031	0.325	ng/ul	99
10) Acenaphthylene	14.07	152	8997	0.308	ng/ul	100
11) Acenaphthene	14.41	153	8211	0.338	ng/ul	100
12) Fluorene	15.40	166	9034	0.333	ng/ul	99
14) Pentachlorophenol	16.75	266	1644	0.698	ng/ul	98
15) Phenanthrene	17.14	178	15460	0.336	ng/ul	99
16) Anthracene	17.23	178	12489	0.329	ng/ul	100
19) Fluoranthene	19.15	202	16699	0.361	ng/ul	99
20) Pyrene	19.52	202	17017	0.355	ng/ul	99
21) Benzo(a)anthracene	21.26	228	13646	0.333	ng/ul	99
22) Chrysene	21.31	228	16809	0.371	ng/ul	100
24) Benzo(b)fluoranthene	22.84	252	17392	0.358	ng/ul	97
25) Benzo(k)fluoranthene	22.88	252	17738	0.362	ng/ul	99
26) Benzo(a)pyrene	23.41	252	14540	0.370	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.74	276	20062	0.384	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.76	278	16031	0.381	ng/ul	99
29) Benzo(g,h,i)perylene	26.43	276	17403	0.374	ng/ul	100

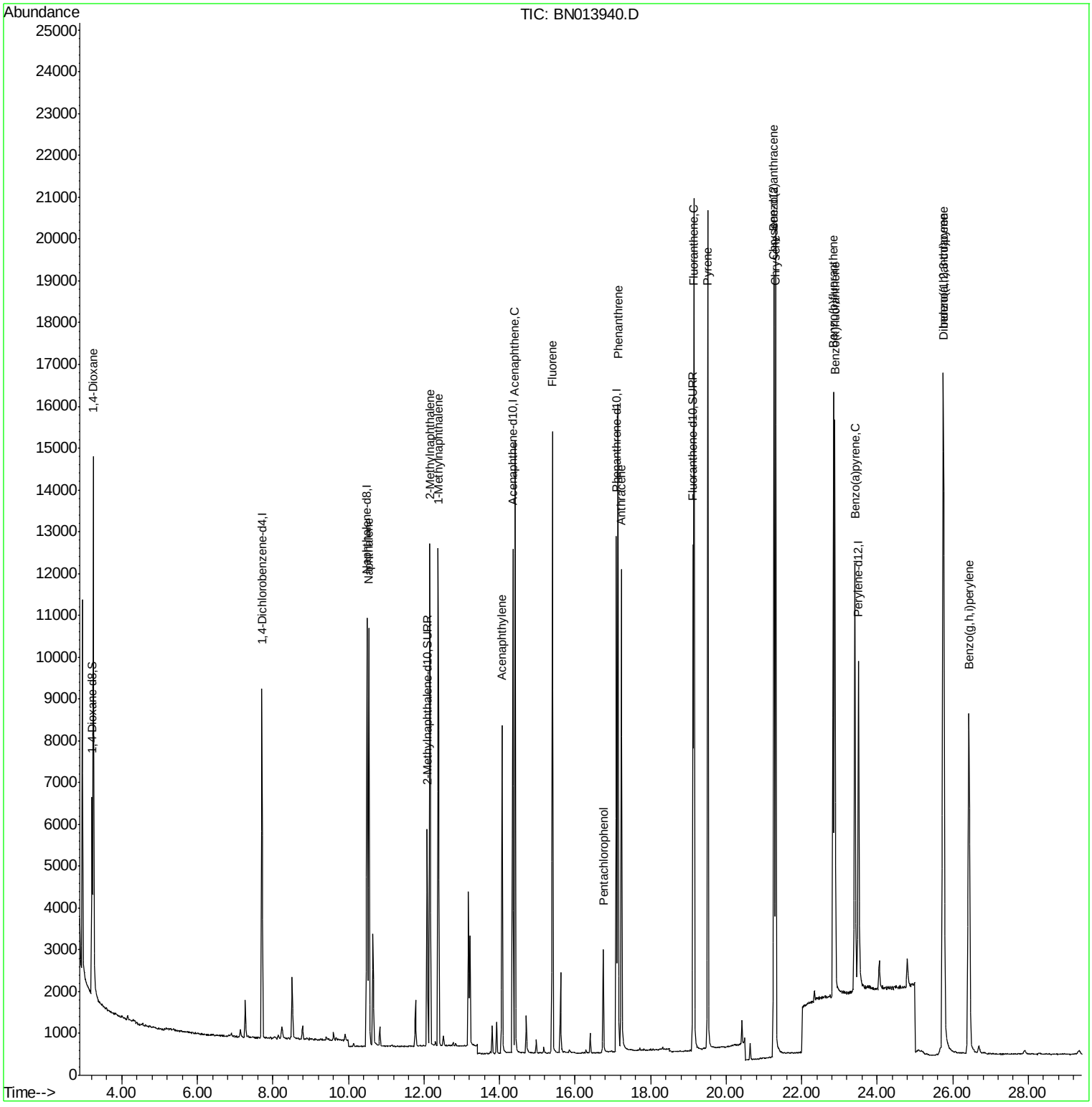
(#) = qualifier out of range (m) = manual integration (+) = signals summed

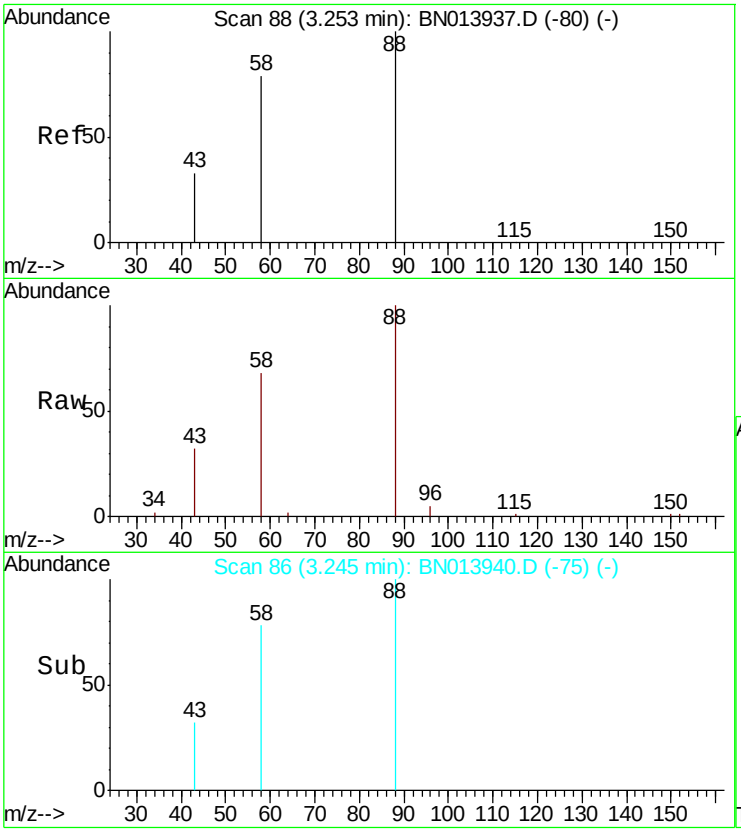
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031521\
Data File : BN013940.D
Acq On : 15 Mar 2021 12:56
Operator : CG/JU
Sample : PB134986BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SLCS986

Quant Time: Mar 15 13:29:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN031221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 12 13:33:49 2021
Response via : Initial Calibration



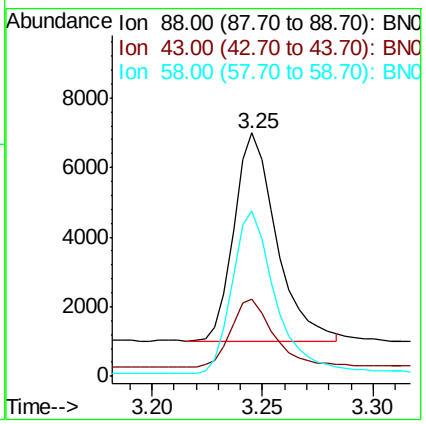


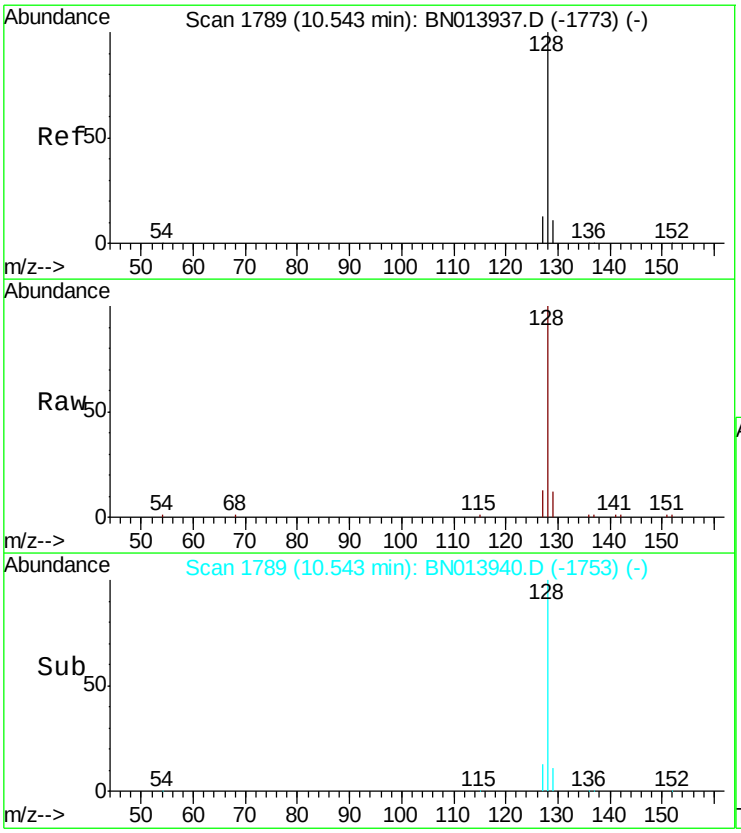
#2
1,4-Dioxane
Concen: 1.728 ng/ul
RT: 3.25 min Scan# 86
Delta R.T. -0.00 min
Lab File: BN013940.D
Acq: 15 Mar 2021 12:56

Instrument :
BNA_N
ClientSampleId :
SLCS986

Tgt Ion: 88 Resp: 7945

Ion	Ratio	Lower	Upper
88	100		
43	31.5	28.5	42.7
58	68.0	42.5	63.7#

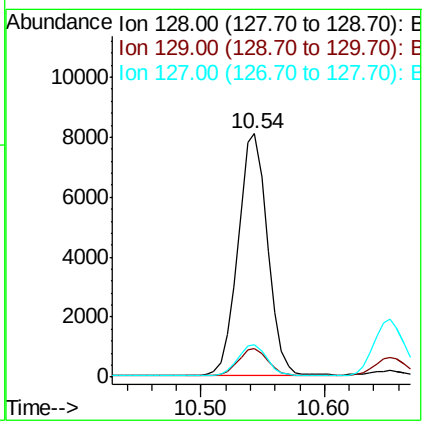


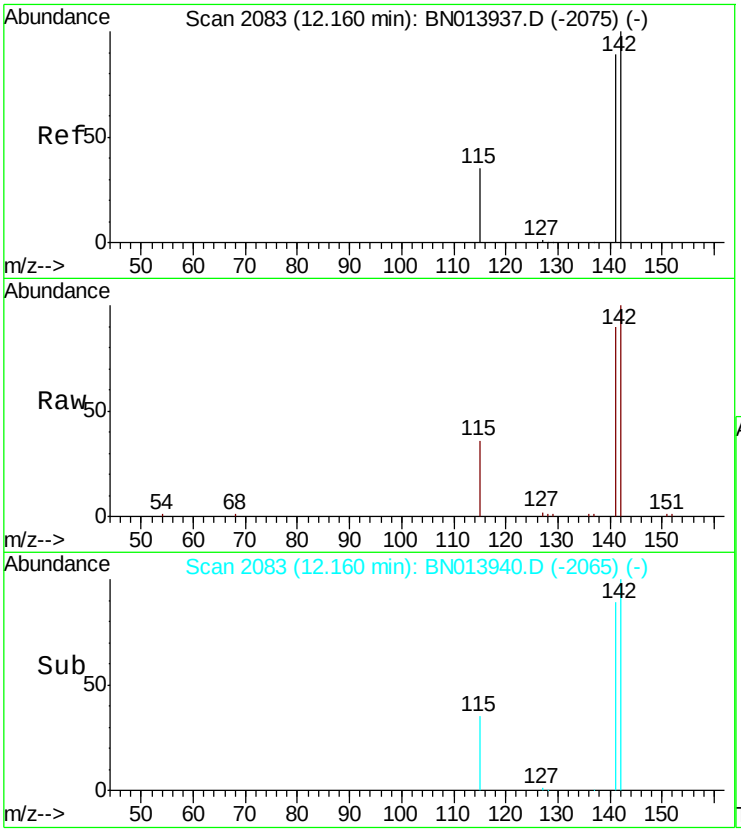


#5
Naphthalene
Concen: 0.339 ng/ul
RT: 10.54 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BN013940.D
Acq: 15 Mar 2021 12:56

Tgt Ion:128 Resp: 13344

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.2	13.8
127	13.3	10.7	16.1



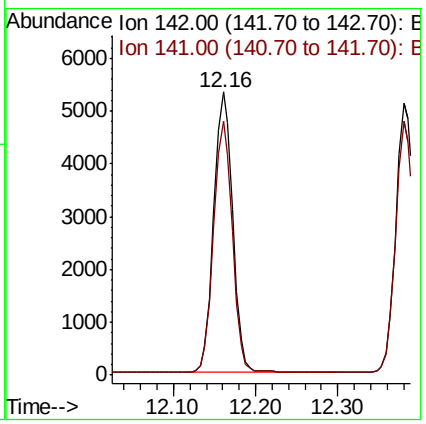


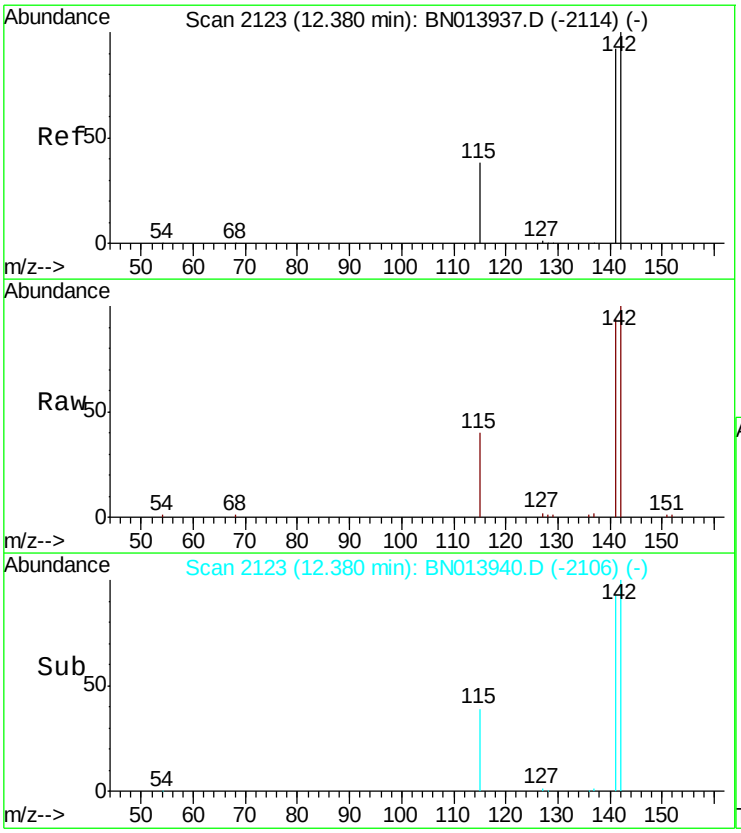
#7
2-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.16 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BN013940.D
Acq: 15 Mar 2021 12:56

Instrument :
BNA_N
ClientSampleId :
SLCS986

Tgt Ion:142 Resp: 8405

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.2	106.8

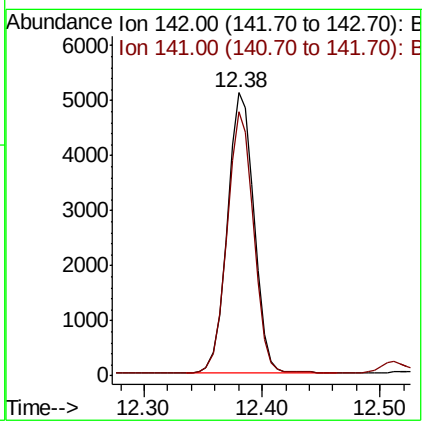


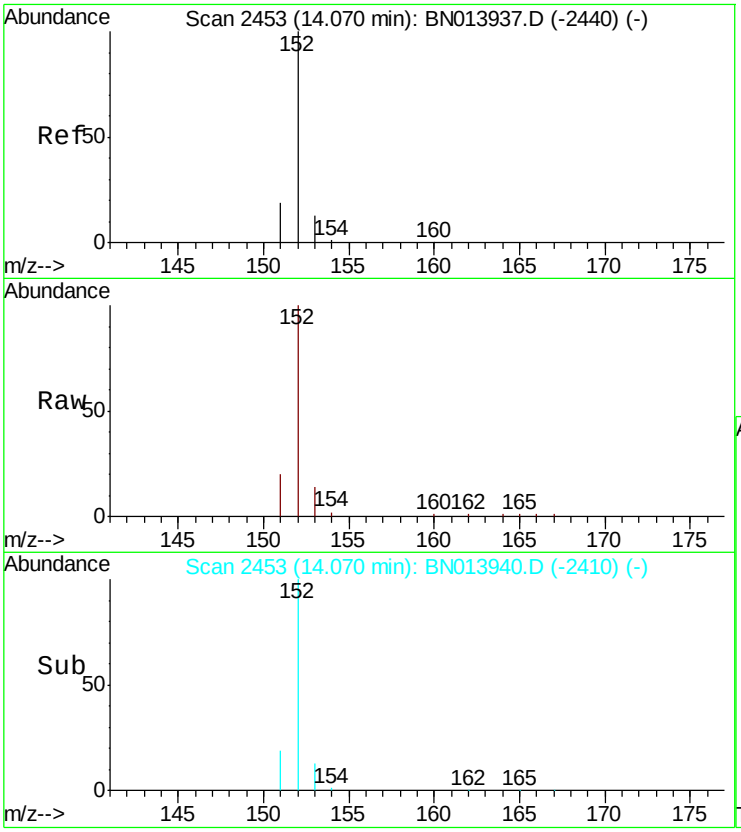


#8
1-Methylnaphthalene
Concen: 0.325 ng/ul
RT: 12.38 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BN013940.D
Acq: 15 Mar 2021 12:56

Tgt Ion:142 Resp: 8031

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.5	110.3



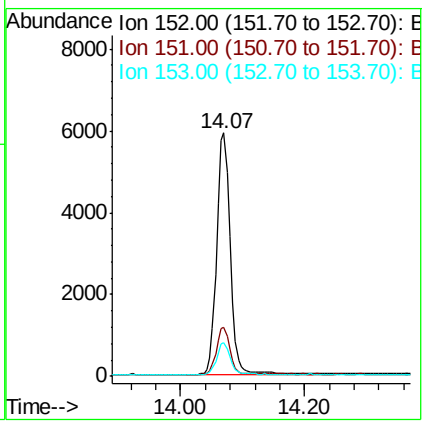


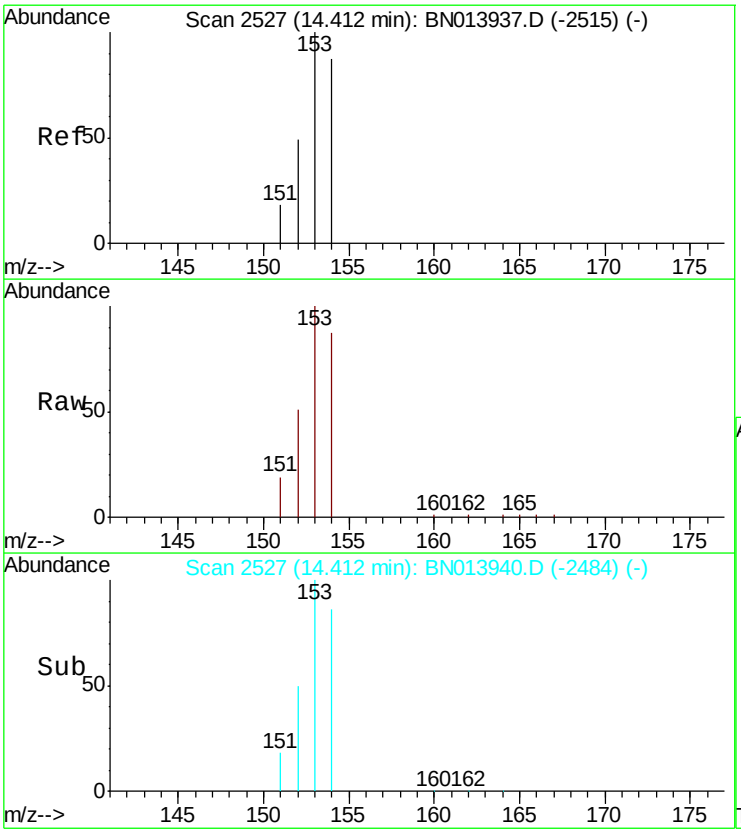
#10
Acenaphthylene
Concen: 0.308 ng/ul
RT: 14.07 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BN013940.D
Acq: 15 Mar 2021 12:56

Instrument :
BNA_N
ClientSampleId :
SLCS986

Tgt Ion:152 Resp: 8997

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.8	10.9	16.3

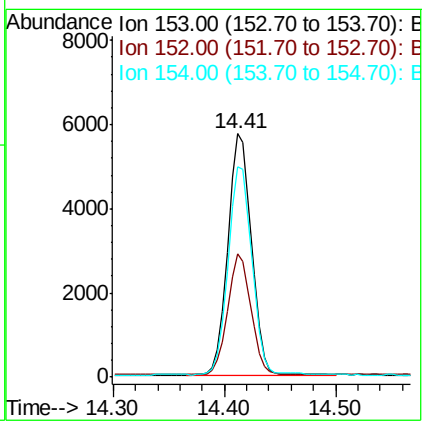


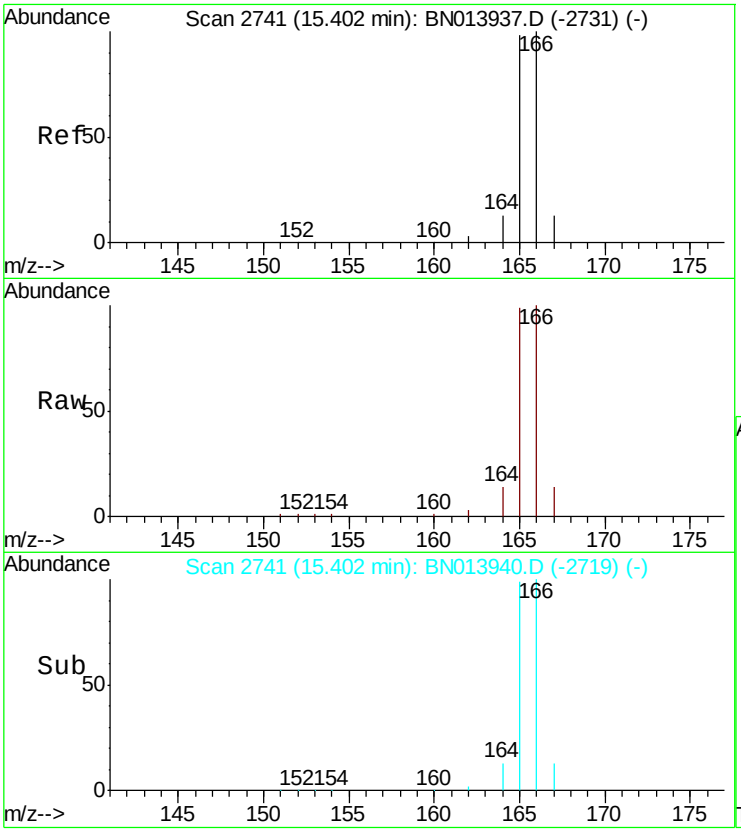


#11
Acenaphthene
Concen: 0.338 ng/ul
RT: 14.41 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BN013940.D
Acq: 15 Mar 2021 12:56

Tgt Ion:153 Resp: 8211

Ion	Ratio	Lower	Upper
153	100		
152	50.8	40.5	60.7
154	86.5	69.3	103.9



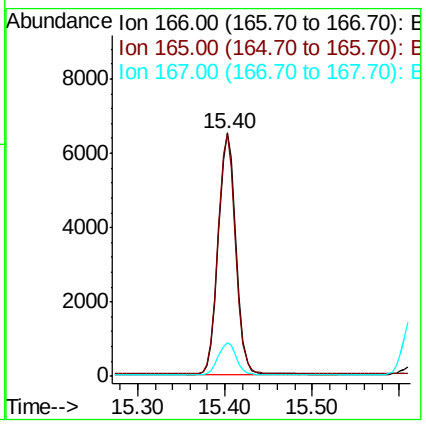


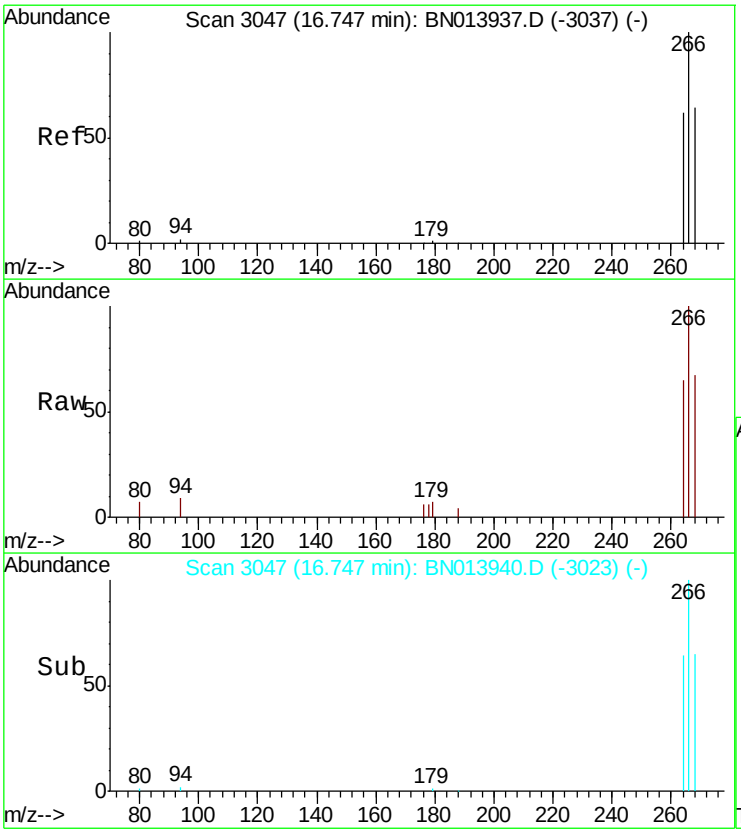
#12
Fluorene
Concen: 0.333 ng/ul
RT: 15.40 min Scan# 2741
Delta R.T. -0.00 min
Lab File: BN013940.D
Acq: 15 Mar 2021 12:56

Instrument :
BNA_N
ClientSampleId :
SLCS986

Tgt Ion:166 Resp: 9034

Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.4	117.6
167	14.1	11.0	16.6

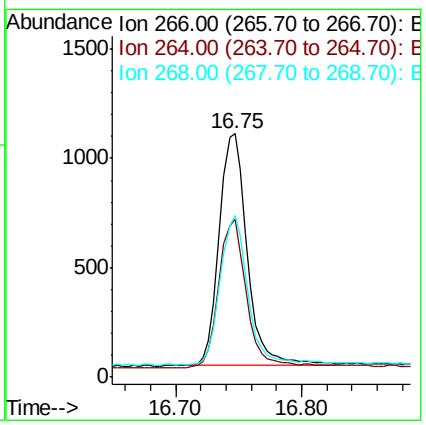


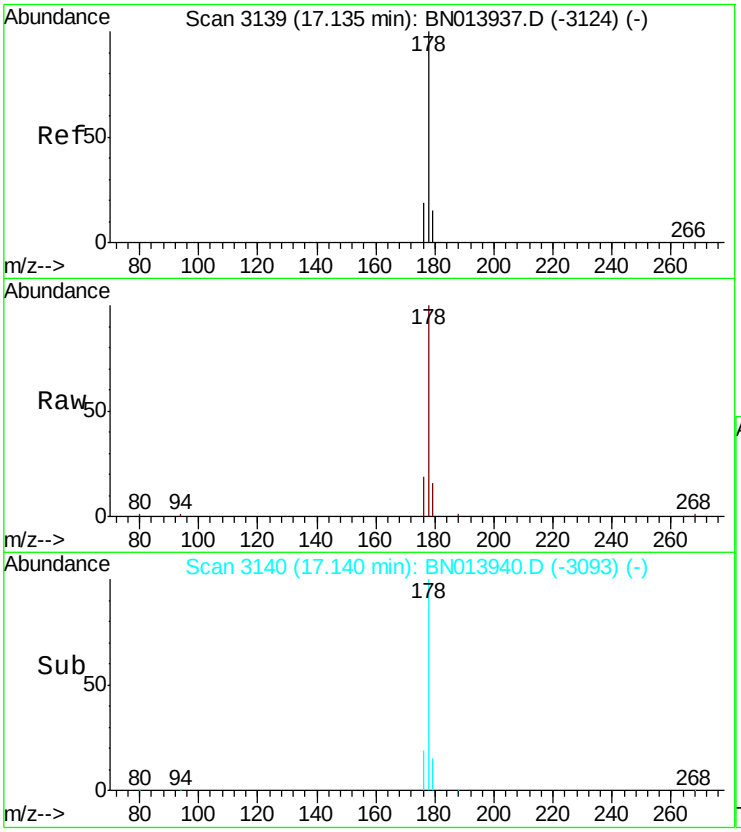


#14
Pentachlorophenol
Concen: 0.698 ng/ul
RT: 16.75 min Scan# 3047
Delta R.T. -0.00 min
Lab File: BN013940.D
Acq: 15 Mar 2021 12:56

Tgt Ion:266 Resp: 1644

Ion	Ratio	Lower	Upper
266	100		
264	63.3	49.2	73.8
268	63.9	52.3	78.5



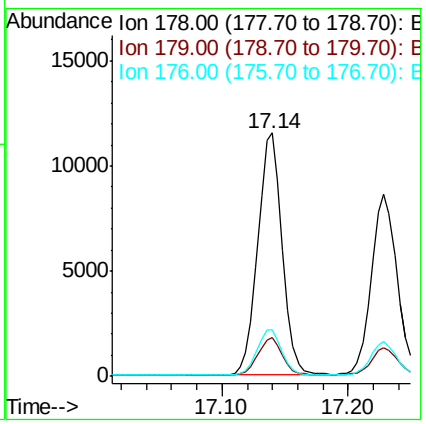


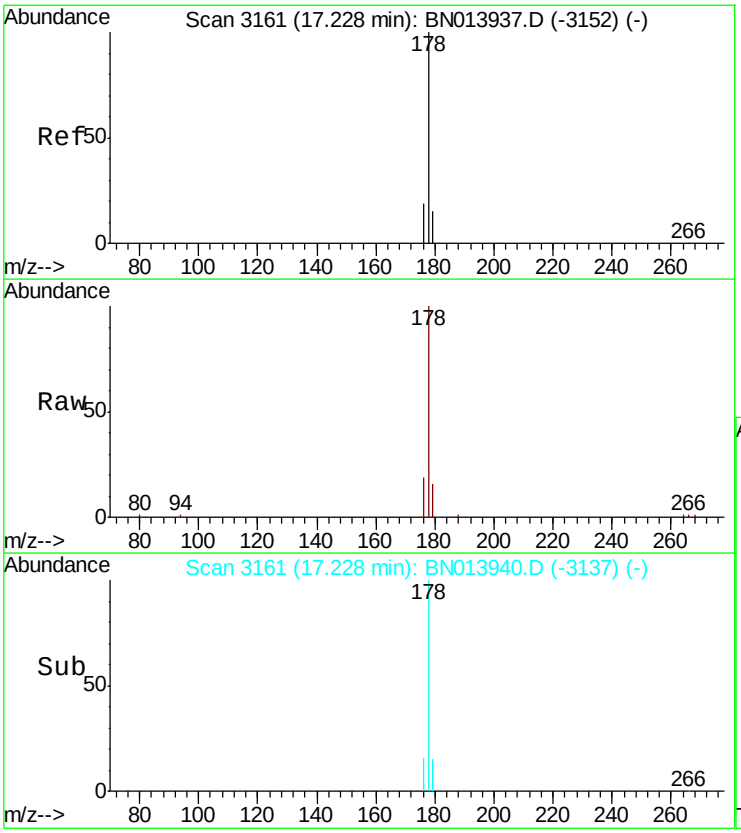
#15
Phenanthrene
Concen: 0.336 ng/ul
RT: 17.14 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BN013940.D
Acq: 15 Mar 2021 12:56

Instrument :
BNA_N
ClientSampleId :
SLCS986

Tgt Ion:178 Resp: 15460

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.5	18.7
176	19.3	15.3	22.9

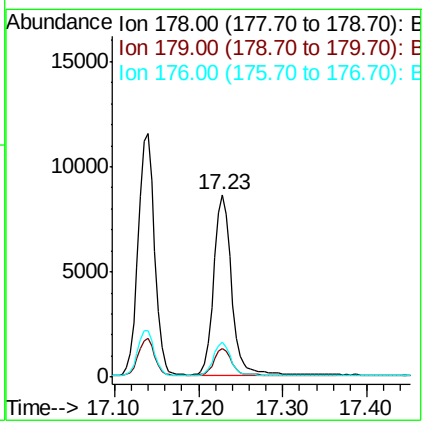


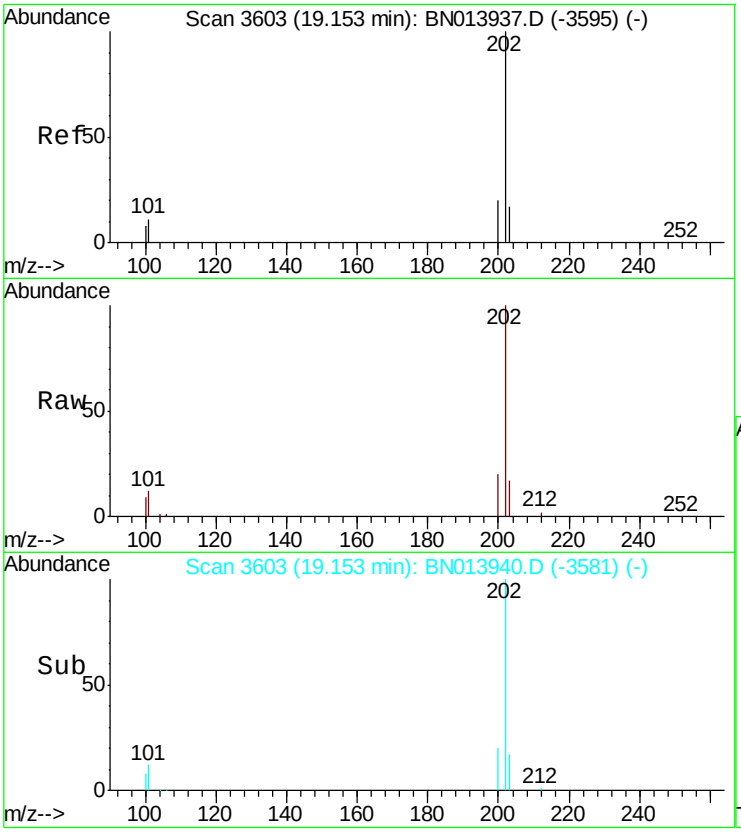


#16
Anthracene
Concen: 0.329 ng/ul
RT: 17.23 min Scan# 3161
Delta R.T. -0.00 min
Lab File: BN013940.D
Acq: 15 Mar 2021 12:56

Tgt Ion:178 Resp: 12489

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	18.8
176	19.3	15.4	23.0



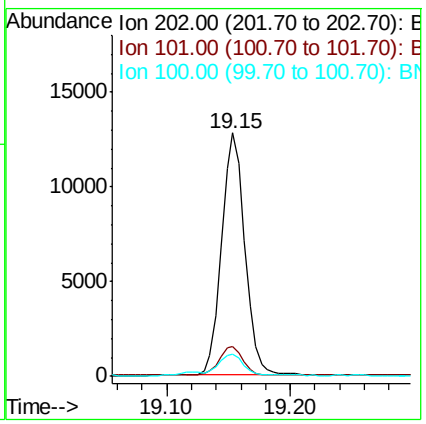


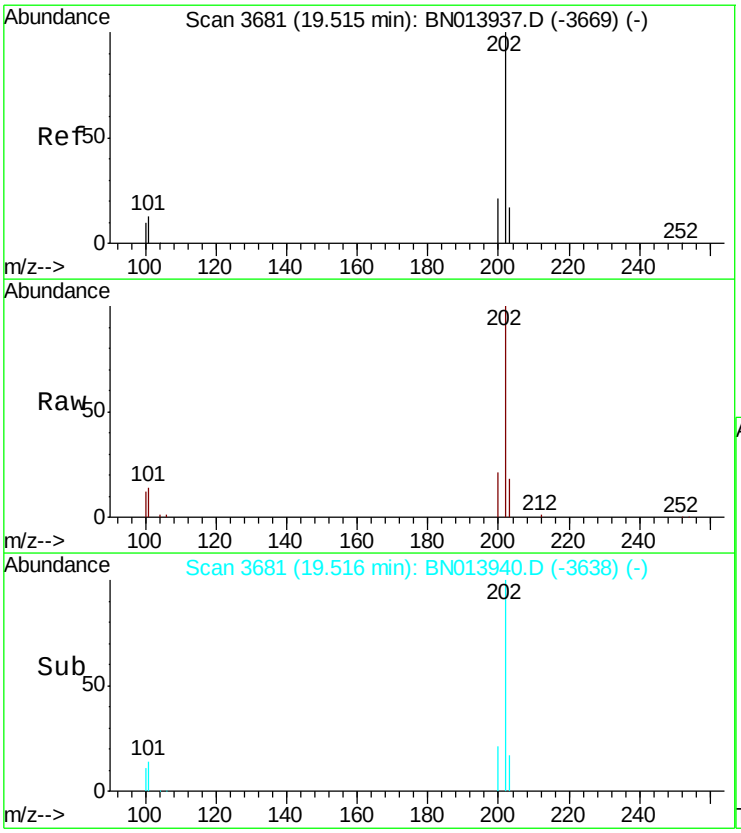
#19
Fluoranthene
Concen: 0.361 ng/ul
RT: 19.15 min Scan# 3603
Delta R.T. -0.00 min
Lab File: BN013940.D
Acq: 15 Mar 2021 12:56

Instrument :
BNA_N
ClientSampleId :
SLCS986

Tgt Ion:202 Resp: 16699

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.7	14.5
100	8.9	7.4	11.2

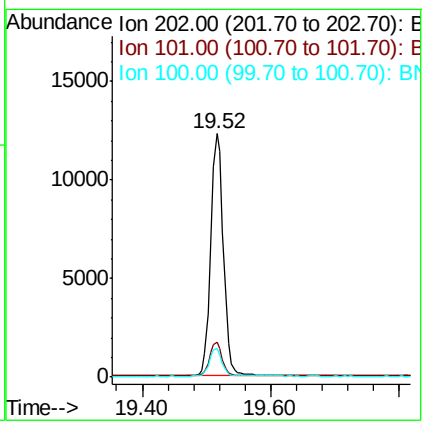


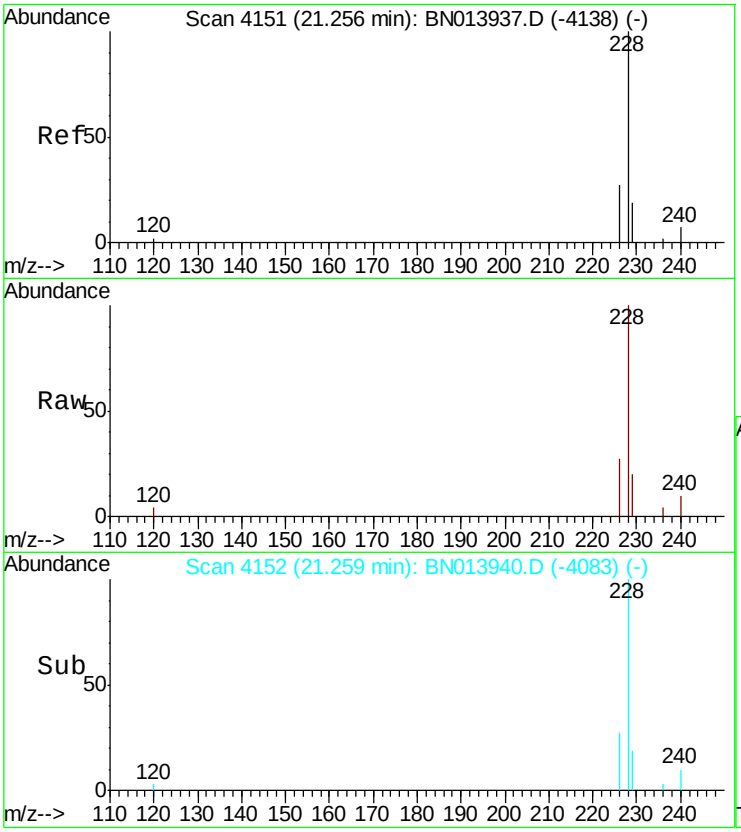


#20
Pyrene
Concen: 0.355 ng/ul
RT: 19.52 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BN013940.D
Acq: 15 Mar 2021 12:56

Tgt Ion:202 Resp: 17017

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.0	16.4
100	11.7	9.0	13.4



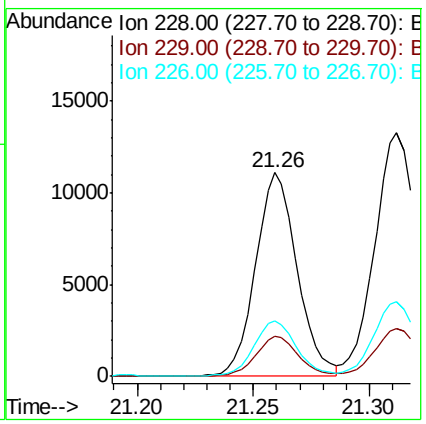


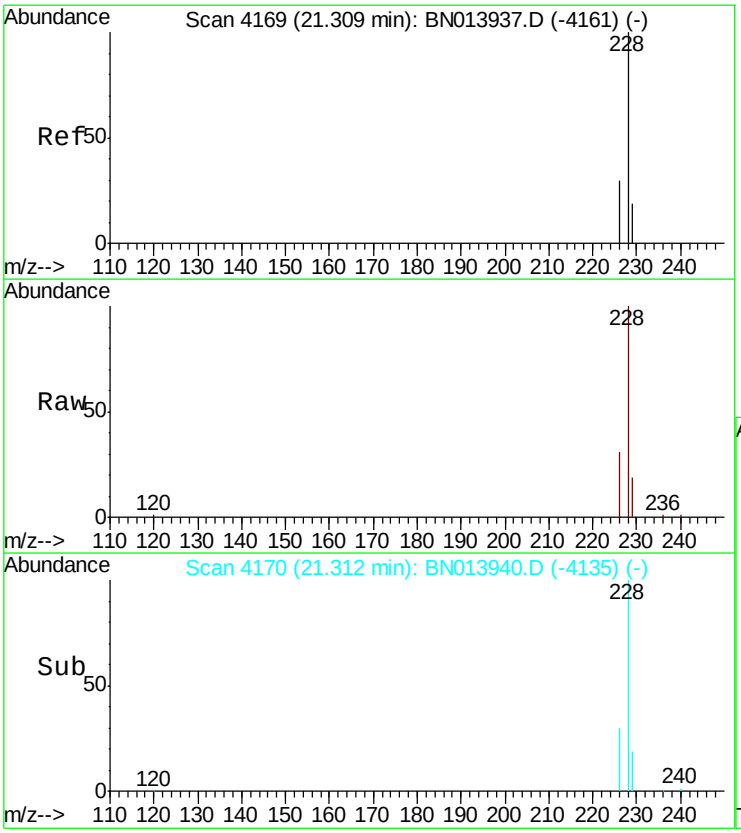
#21
Benzo(a)anthracene
Concen: 0.333 ng/ul
RT: 21.26 min Scan# 4152
Delta R.T. 0.00 min
Lab File: BN013940.D
Acq: 15 Mar 2021 12:56

Instrument :
BNA_N
ClientSampleId :
SLCS986

Tgt Ion:228 Resp: 13646

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.5	23.3
226	27.5	21.5	32.3

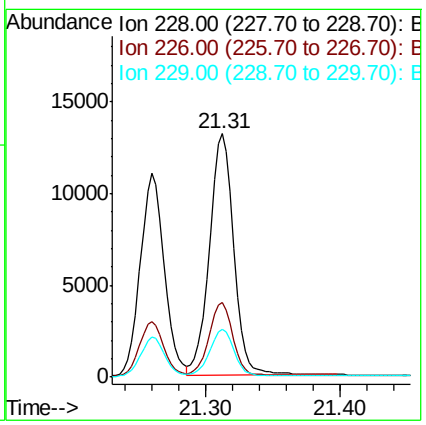


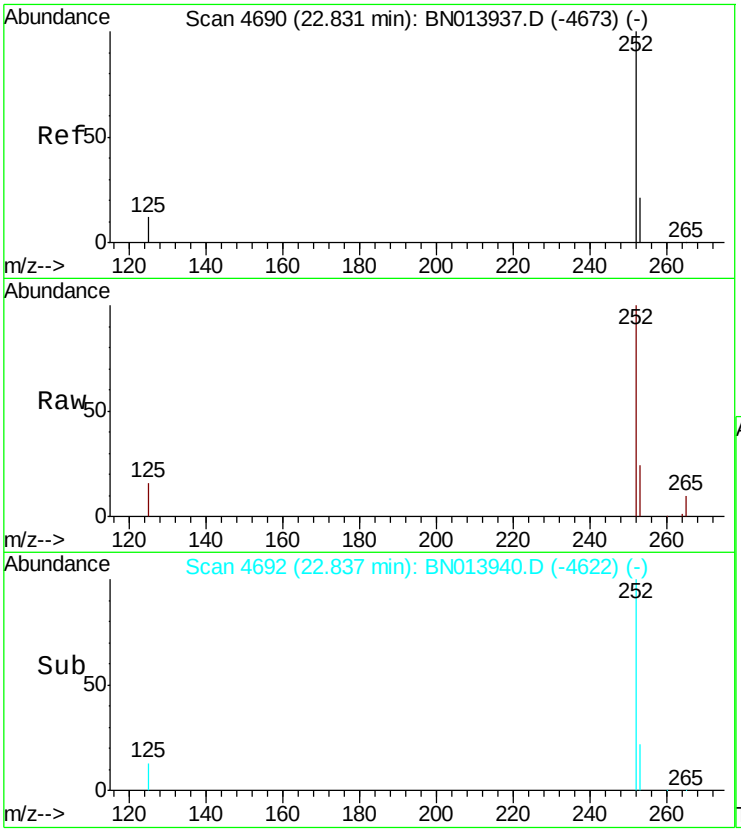


#22
Chrysene
Concen: 0.371 ng/ul
RT: 21.31 min Scan# 4170
Delta R.T. 0.00 min
Lab File: BN013940.D
Acq: 15 Mar 2021 12:56

Tgt Ion:228 Resp: 16809

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	19.5	15.8	23.8



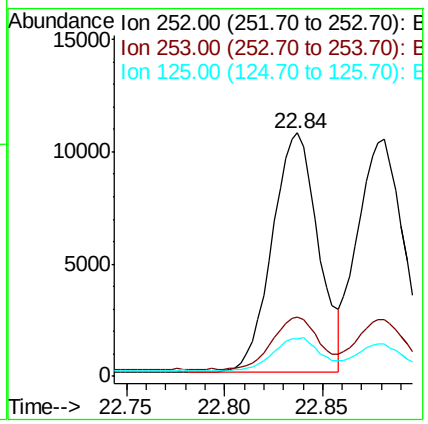


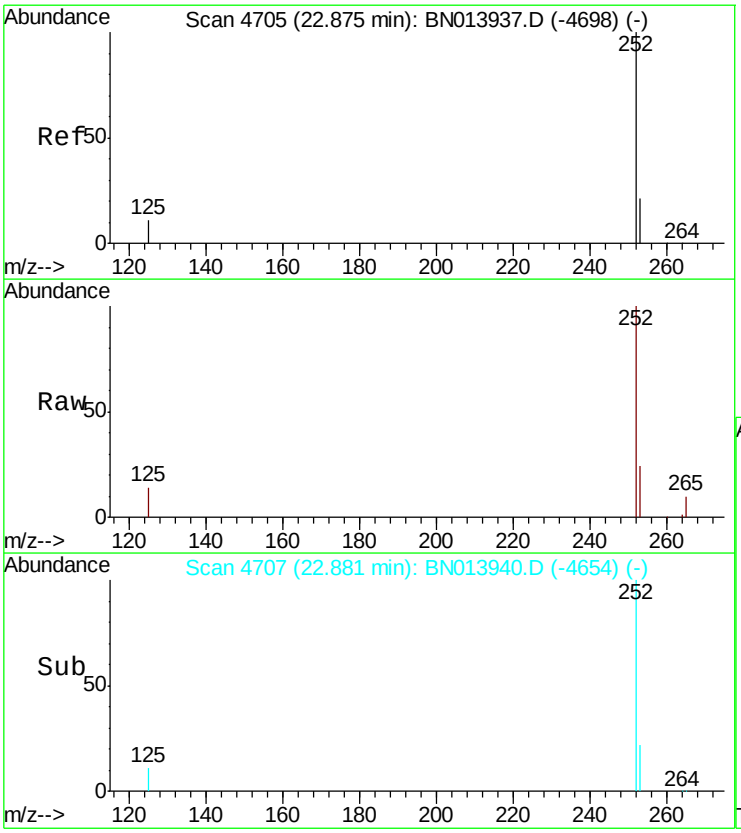
#24
Benzo(b)fluoranthene
Concen: 0.358 ng/ul
RT: 22.84 min Scan# 4692
Delta R.T. 0.01 min
Lab File: BN013940.D
Acq: 15 Mar 2021 12:56

Instrument :
BNA_N
ClientSampleId :
SLCS986

Tgt Ion:252 Resp: 17392

Ion	Ratio	Lower	Upper
252	100		
253	24.4	0.0	47.4
125	15.7	0.0	27.8

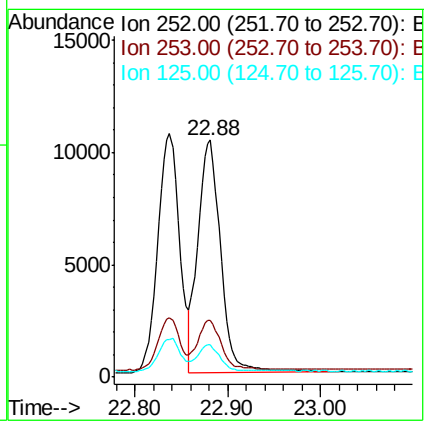


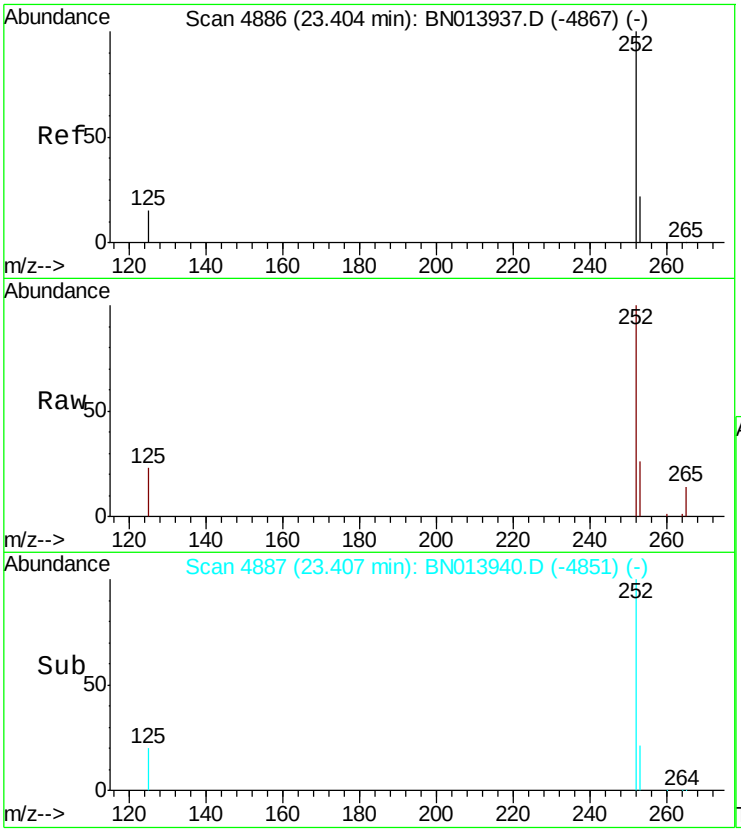


#25
Benzo(k)fluoranthene
Concen: 0.362 ng/ul
RT: 22.88 min Scan# 4707
Delta R.T. 0.01 min
Lab File: BN013940.D
Acq: 15 Mar 2021 12:56

Tgt Ion:252 Resp: 17738

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.0	28.6
125	13.6	10.5	15.7



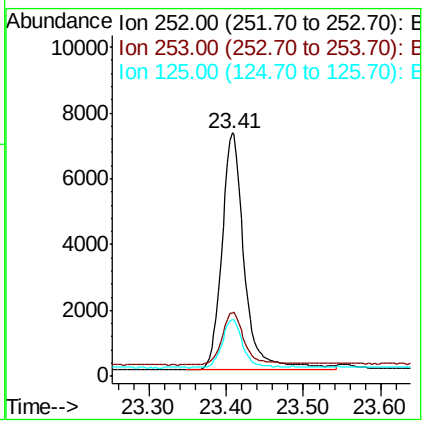


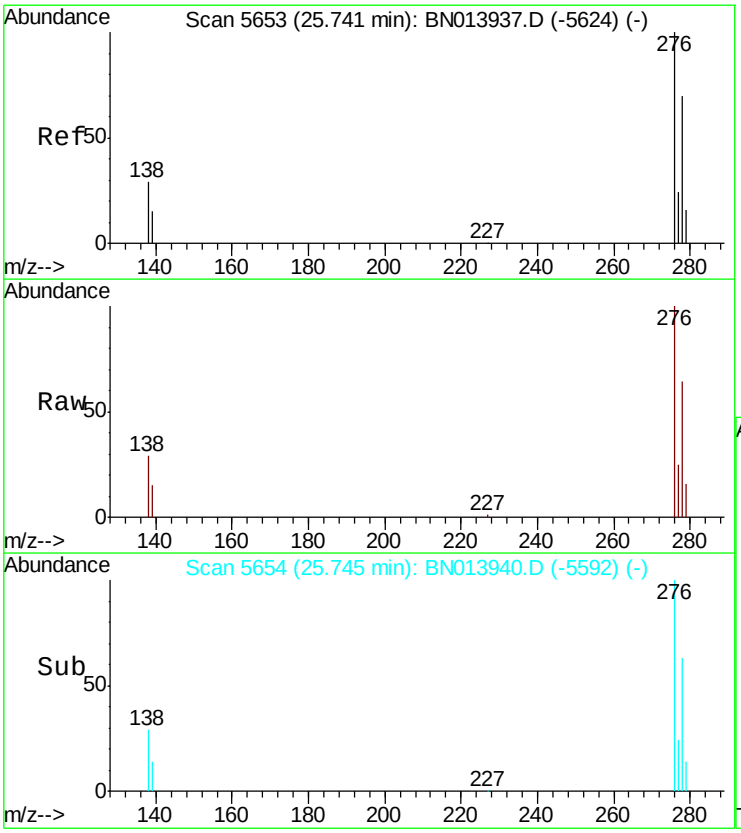
#26
Benzo(a)pyrene
Concen: 0.370 ng/ul
RT: 23.41 min Scan# 4887
Delta R.T. 0.01 min
Lab File: BN013940.D
Acq: 15 Mar 2021 12:56

Instrument :
BNA_N
ClientSampleId :
SLCS986

Tgt Ion:252 Resp: 14540

Ion	Ratio	Lower	Upper
252	100		
253	25.7	19.8	29.6
125	23.3	13.7	20.5#

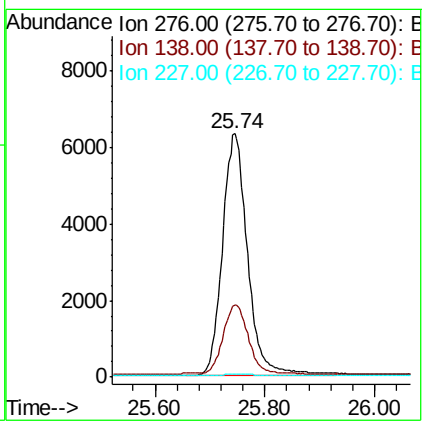


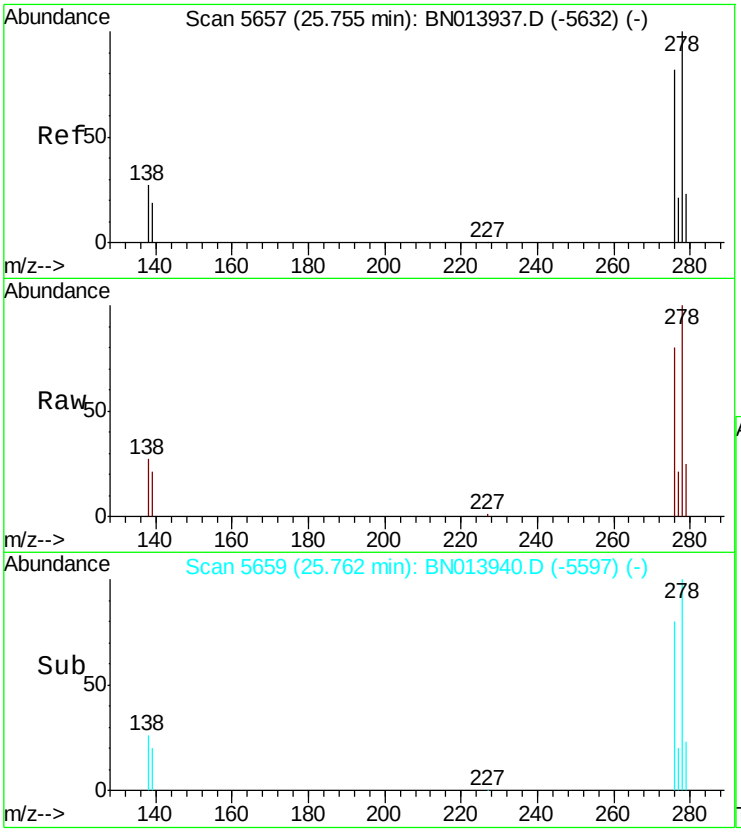


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.384 ng/ul
RT: 25.74 min Scan# 5654
Delta R.T. 0.01 min
Lab File: BN013940.D
Acq: 15 Mar 2021 12:56

Tgt Ion:276 Resp: 20062

Ion	Ratio	Lower	Upper
276	100		
138	29.3	23.4	35.0
227	0.3	0.0	0.0#



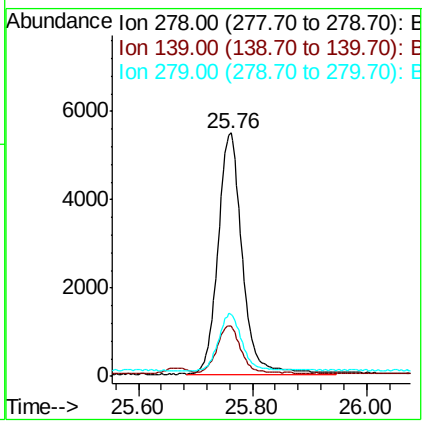


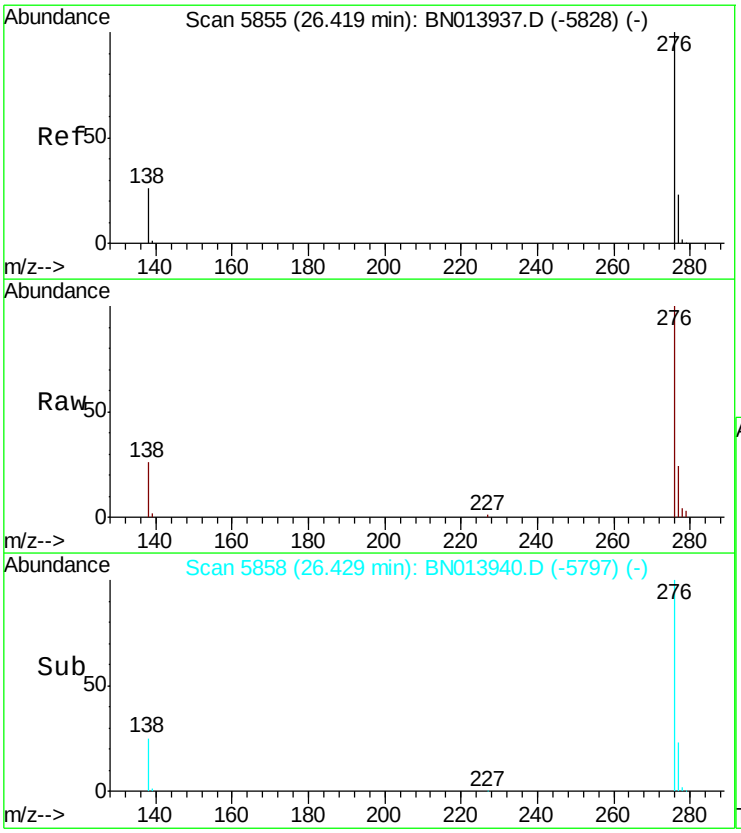
#28
Dibenzo(a,h)anthracene
Concen: 0.381 ng/ul
RT: 25.76 min Scan# 5659
Delta R.T. 0.01 min
Lab File: BN013940.D
Acq: 15 Mar 2021 12:56

Instrument :
BNA_N
ClientSampleId :
SLCS986

Tgt Ion:278 Resp: 16031

Ion	Ratio	Lower	Upper
278	100		
139	20.8	16.3	24.5
279	25.3	20.1	30.1





#29
Benzo(g,h,i)perylene
Concen: 0.374 ng/ul
RT: 26.43 min Scan# 5858
Delta R.T. 0.00 min
Lab File: BN013940.D
Acq: 15 Mar 2021 12:56

Tgt Ion:276 Resp: 17403

Ion	Ratio	Lower	Upper
276	100		
138	26.4	20.8	31.2
277	24.3	19.4	29.2