Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041421\
Data File : BN014275.D
Acq On : 14 Apr 2021 11:23
Operator : CG/JU
Sample : PB135559BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SLCS559

Quant Time: Apr 14 11:55:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN041221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 14 11:00:32 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	5456	0.40	ng/ul	0.00
4) Naphthalene-d8	10.48	136	18027	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.34	164	8572	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.08	188	16439	0.40	ng/ul	0.00
17) Chrysene-d12	21.28	240	12804	0.40	ng/ul	0.00
23) Perylene-d12	23.51	264	11312	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	4349	0.73	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.08	152	9849	0.35	ng/ul	0.00
18) Fluoranthene-d10	19.12	212	16323	0.41	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	12027	1.985	ng/ul#	74
5) Naphthalene	10.53	128	20412	0.383	ng/ul	100
7) 2-Methylnaphthalene	12.15	142	12608	0.371	ng/ul	100
8) 1-Methylnaphthalene	12.37	142	12173	0.372	ng/ul	99
10) Acenaphthylene	14.06	152	12753	0.318	ng/ul	100
11) Acenaphthene	14.40	153	11919	0.381	ng/ul	98
12) Fluorene	15.39	166	12563	0.360	ng/ul	100
14) Pentachlorophenol	16.73	266	3029	0.569	ng/ul	99
15) Phenanthrene	17.13	178	20663	0.389	ng/ul	99
16) Anthracene	17.22	178	16039	0.345	ng/ul	99
19) Fluoranthene	19.15	202	21779	0.424	ng/ul	98
20) Pyrene	19.51	202	21824	0.418	ng/ul	99
21) Benzo(a)anthracene	21.27	228	17106	0.361	ng/ul	99
22) Chrysene	21.31	228	21629	0.440	ng/ul	100
24) Benzo(b)fluoranthene	22.84	252	21074	0.414	ng/ul	97
25) Benzo(k)fluoranthene	22.89	252	23205	0.448	ng/ul	99
26) Benzo(a)pyrene	23.41	252	17083	0.404	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.75	276	26413	0.454	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.78	278	20757	0.447	ng/ul	99
29) Benzo(g,h,i)perylene	26.44	276	21634	0.441	ng/ul	99

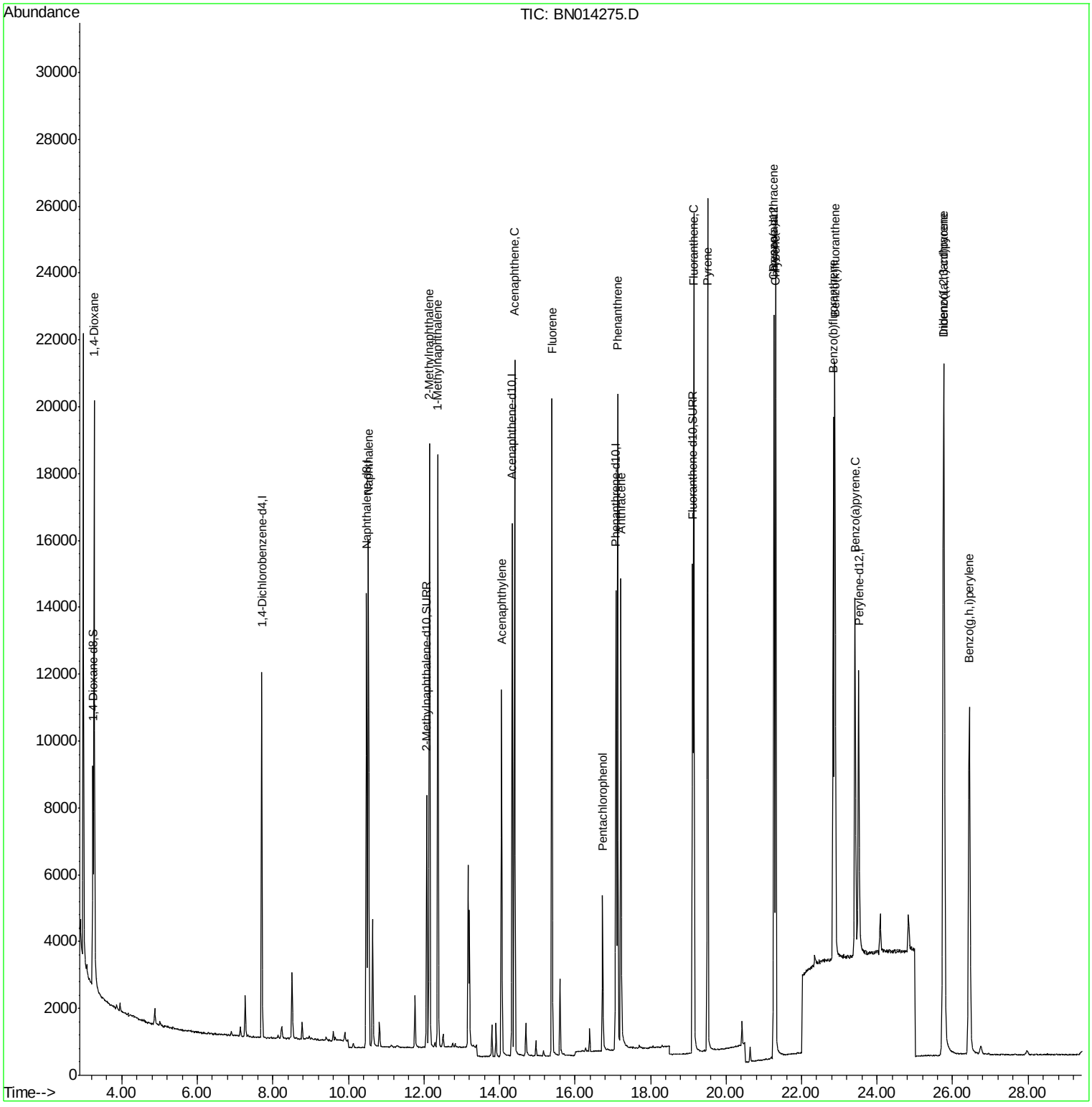
(#) = qualifier out of range (m) = manual integration (+) = signals summed

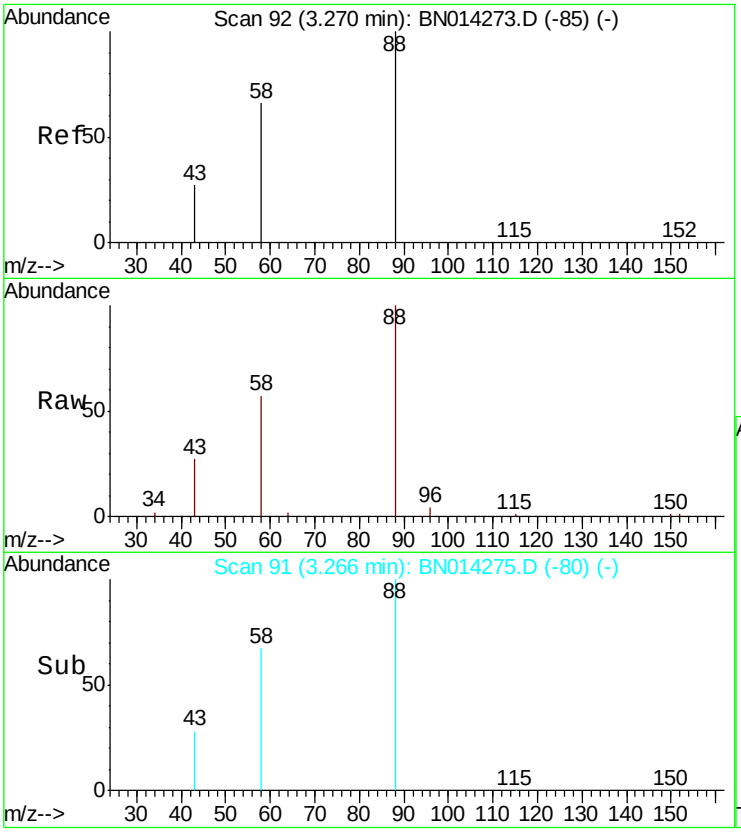
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041421\
Data File : BN014275.D
Acq On : 14 Apr 2021 11:23
Operator : CG/JU
Sample : PB135559BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SLCS559

Quant Time: Apr 14 11:55:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN041221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 14 11:00:32 2021
Response via : Initial Calibration



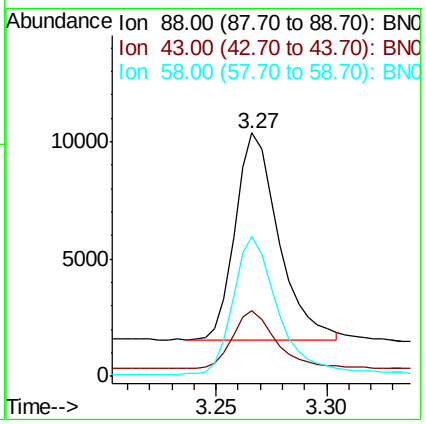


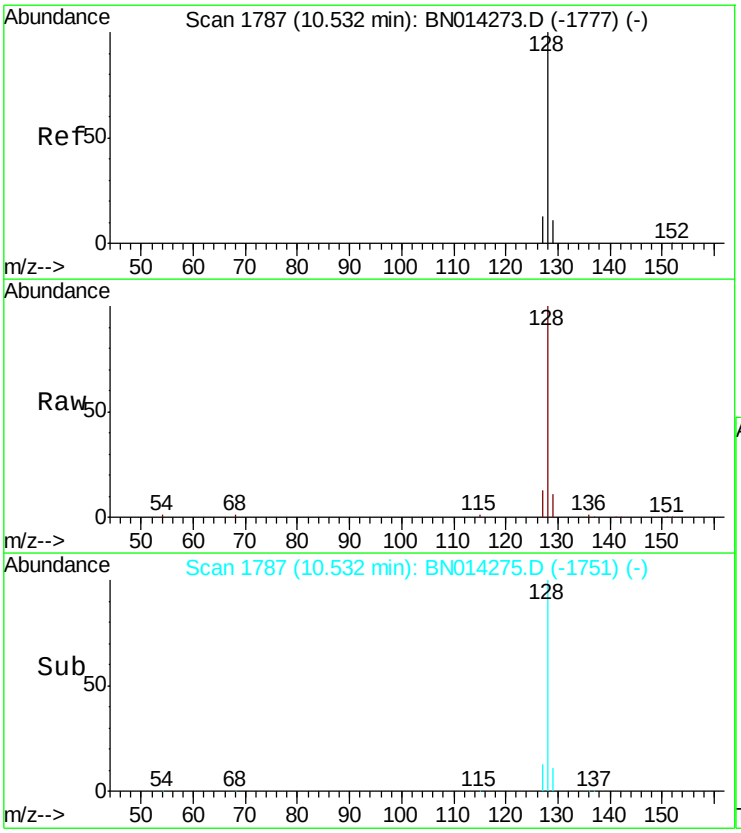
#2
1,4-Dioxane
Concen: 1.985 ng/ul
RT: 3.27 min Scan# 91
Delta R.T. -0.00 min
Lab File: BN014275.D
Acq: 14 Apr 2021 11:23

Instrument :
BNA_N
ClientSampleId :
SLCS559

Tgt Ion: 88 Resp: 12027

Ion	Ratio	Lower	Upper
88	100		
43	26.8	35.9	53.9#
58	57.3	33.6	50.4#

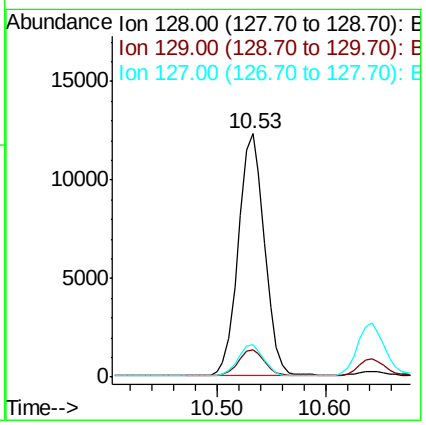


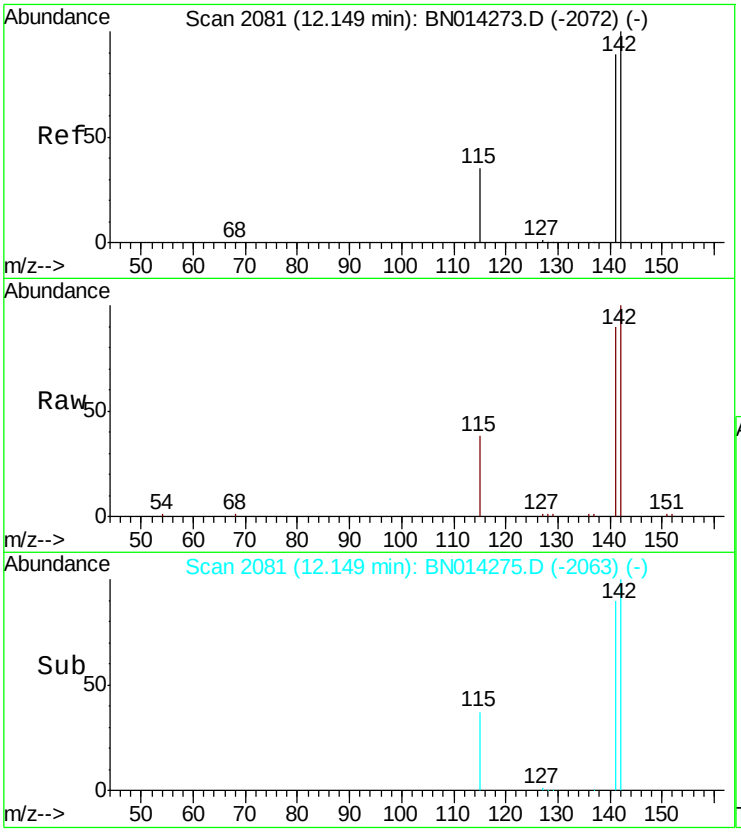


#5
Naphthalene
Concen: 0.383 ng/ul
RT: 10.53 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BN014275.D
Acq: 14 Apr 2021 11:23

Tgt Ion:128 Resp: 20412

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.1	10.6	15.8



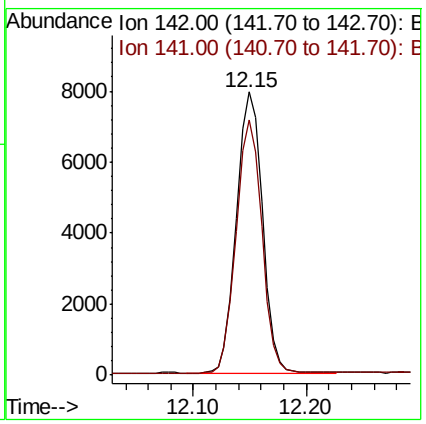


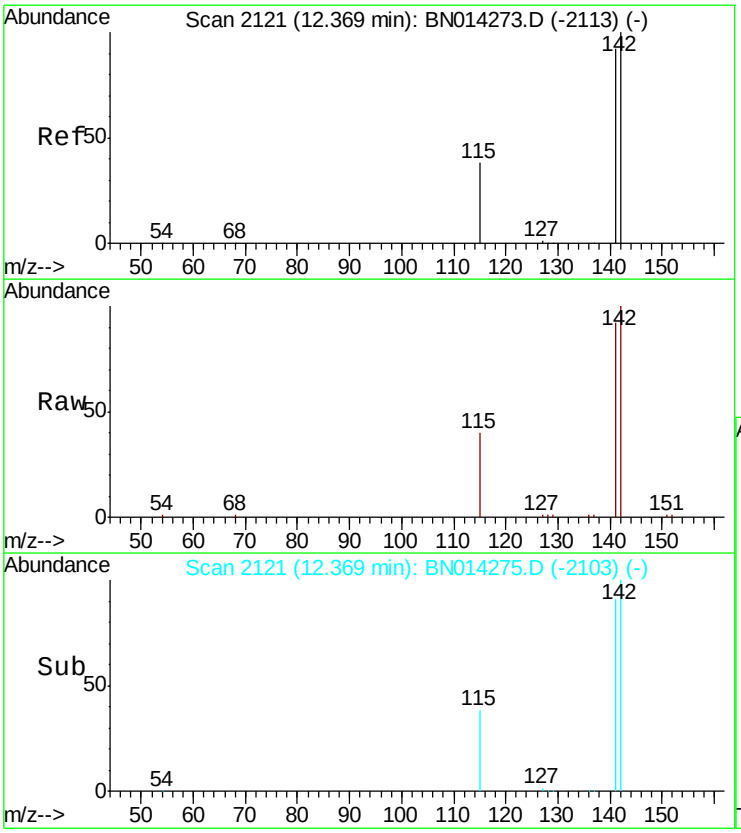
#7
2-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.15 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BN014275.D
Acq: 14 Apr 2021 11:23

Instrument :
BNA_N
ClientSampleId :
SLCS559

Tgt Ion:142 Resp: 12608

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.6

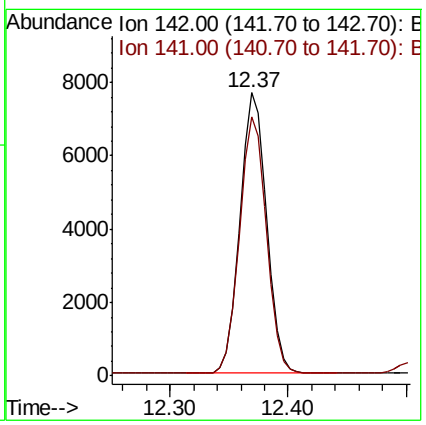


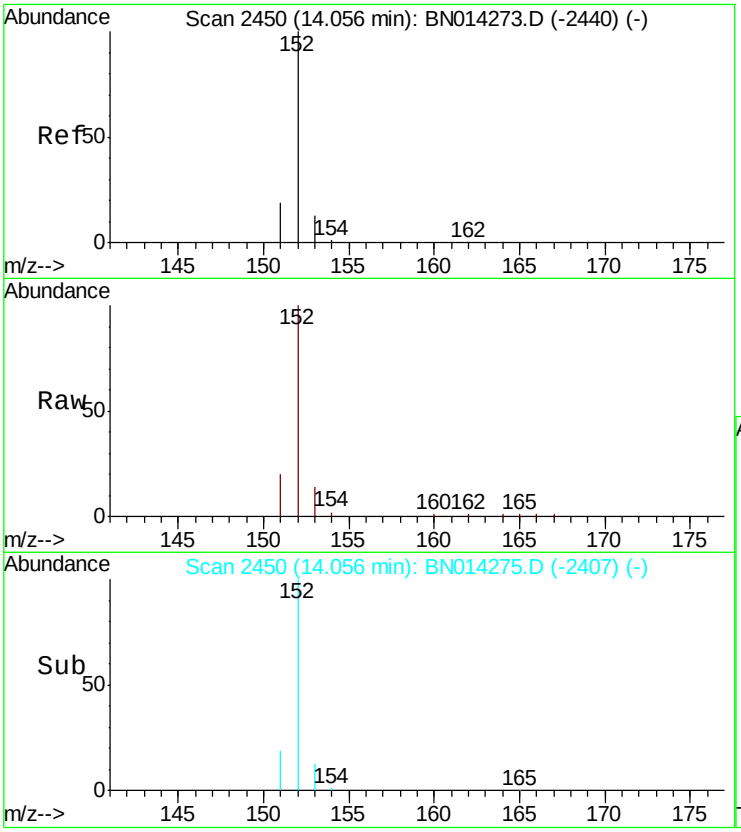


#8
1-Methylnaphthalene
Concen: 0.372 ng/ul
RT: 12.37 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BN014275.D
Acq: 14 Apr 2021 11:23

Tgt Ion:142 Resp: 12173

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.4	110.2



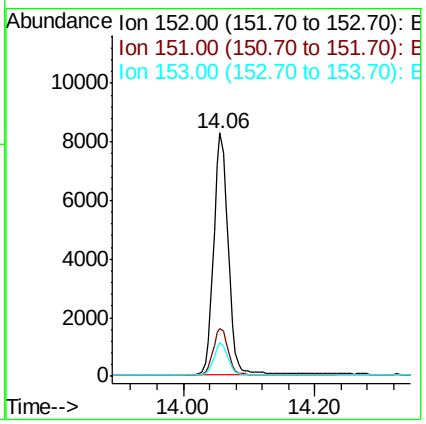


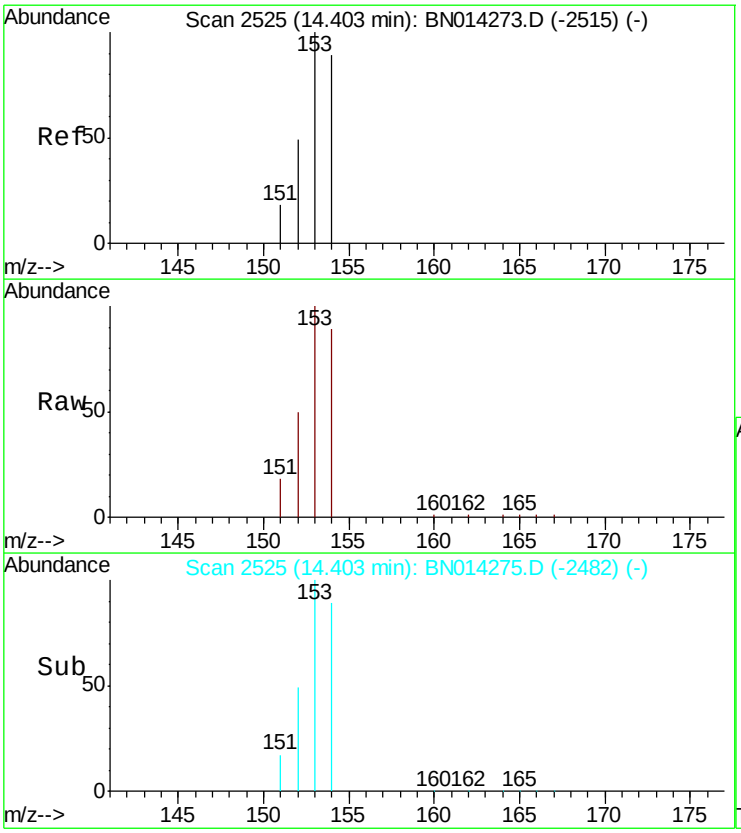
#10
Acenaphthylene
Concen: 0.318 ng/ul
RT: 14.06 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BN014275.D
Acq: 14 Apr 2021 11:23

Instrument :
BNA_N
ClientSampleId :
SLCS559

Tgt Ion:152 Resp: 12753

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.6	11.0	16.4

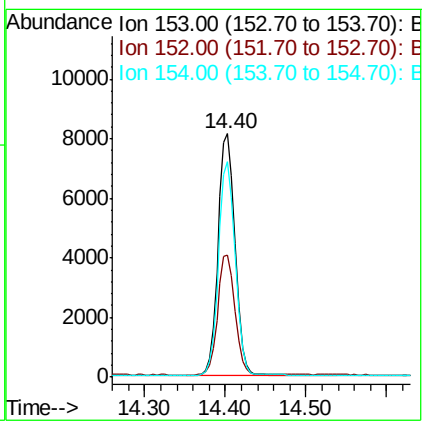


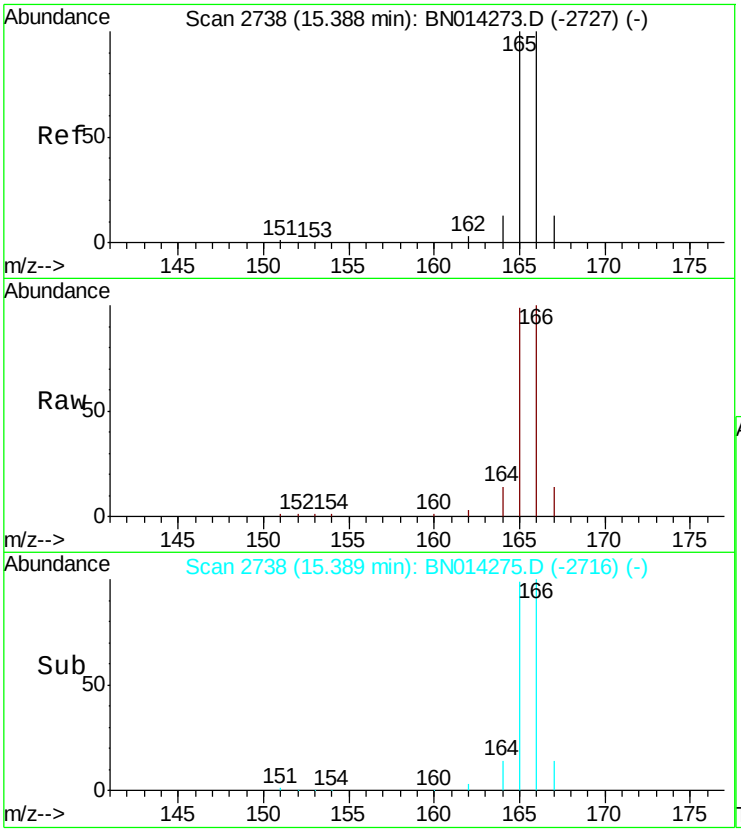


#11
Acenaphthene
Concen: 0.381 ng/ul
RT: 14.40 min Scan# 2525
Delta R.T. 0.00 min
Lab File: BN014275.D
Acq: 14 Apr 2021 11:23

Tgt Ion:153 Resp: 11919

Ion	Ratio	Lower	Upper
153	100		
152	50.3	40.1	60.1
154	88.7	69.1	103.7



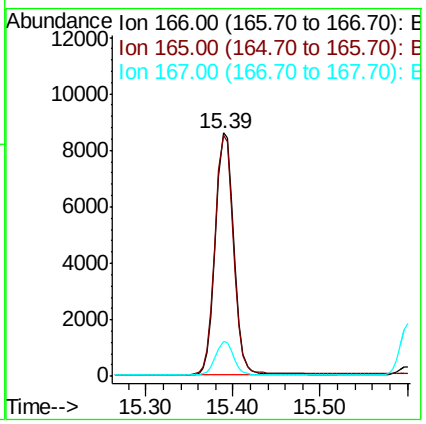


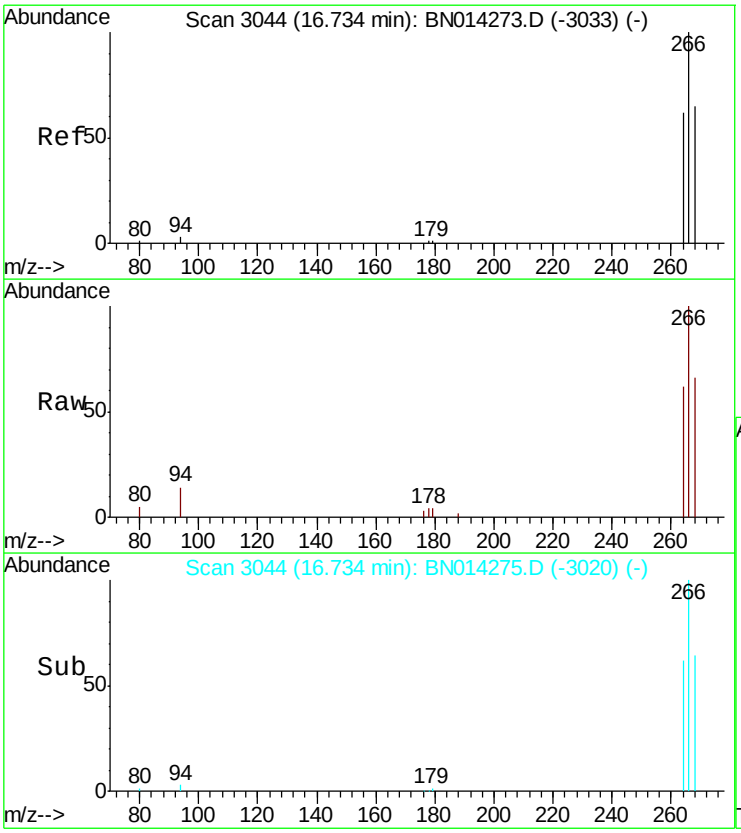
#12
Fluorene
Concen: 0.360 ng/ul
RT: 15.39 min Scan# 2738
Delta R.T. 0.00 min
Lab File: BN014275.D
Acq: 14 Apr 2021 11:23

Instrument :
BNA_N
ClientSampleId :
SLCS559

Tgt Ion:166 Resp: 12563

Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.3	118.9
167	14.2	11.4	17.0

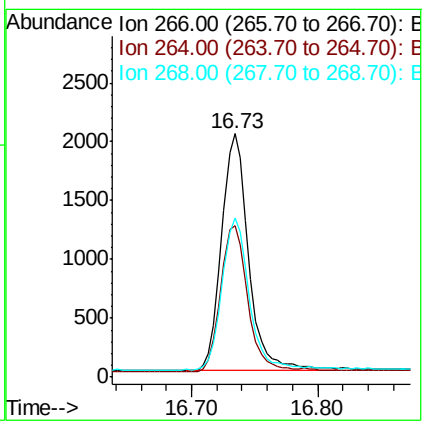


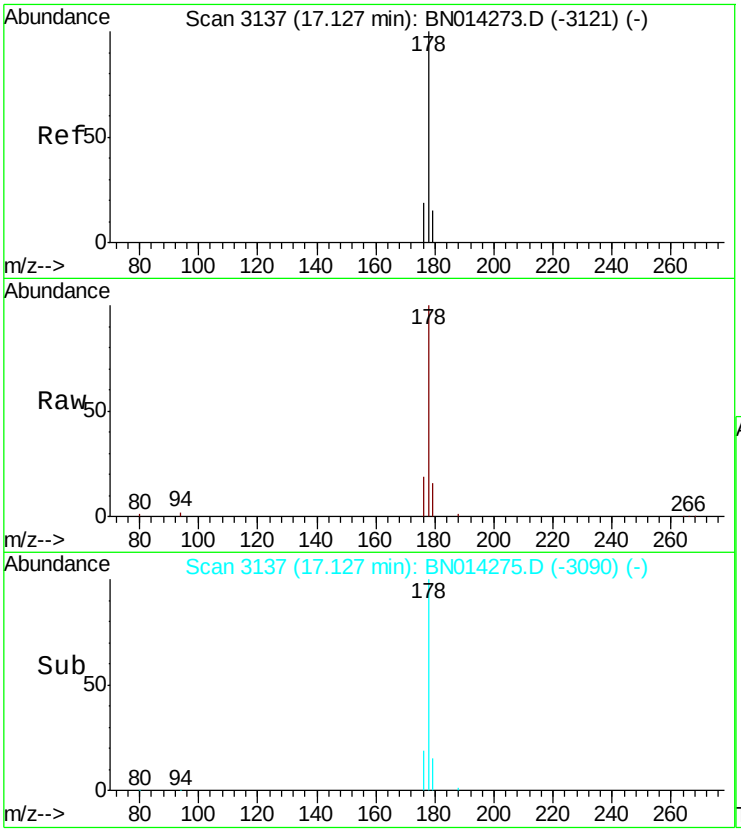


#14
Pentachlorophenol
Concen: 0.569 ng/ul
RT: 16.73 min Scan# 3044
Delta R.T. 0.00 min
Lab File: BN014275.D
Acq: 14 Apr 2021 11:23

Tgt Ion:266 Resp: 3029

Ion	Ratio	Lower	Upper
266	100		
264	62.8	49.7	74.5
268	64.6	51.5	77.3



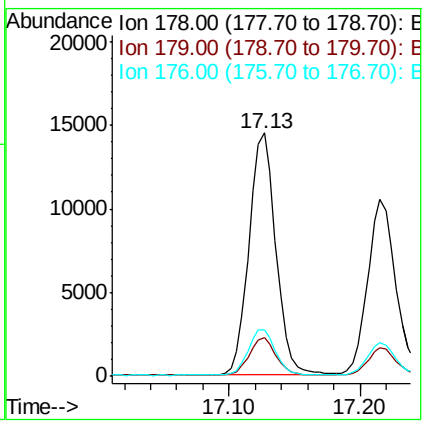


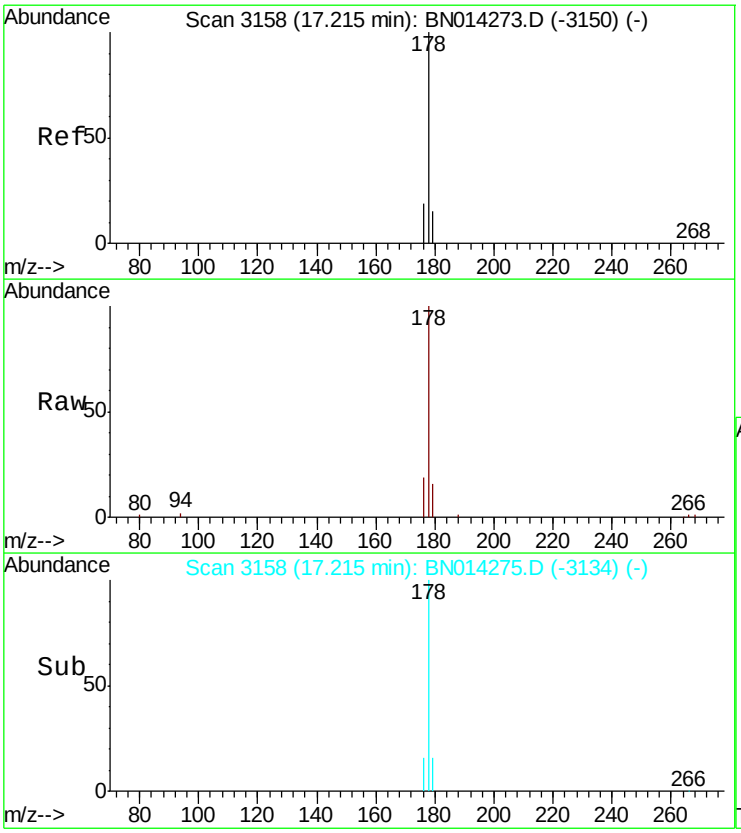
#15
Phenanthrene
Concen: 0.389 ng/ul
RT: 17.13 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BN014275.D
Acq: 14 Apr 2021 11:23

Instrument :
BNA_N
ClientSampleId :
SLCS559

Tgt Ion:178 Resp: 20663

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.4	18.6
176	19.4	15.9	23.9

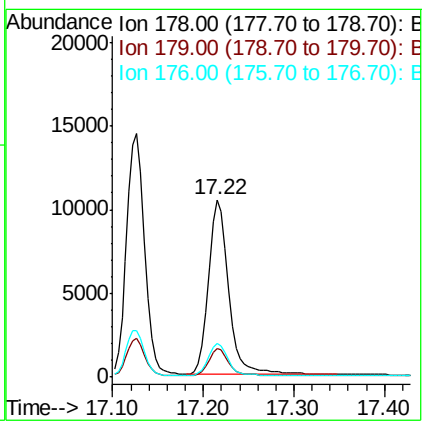


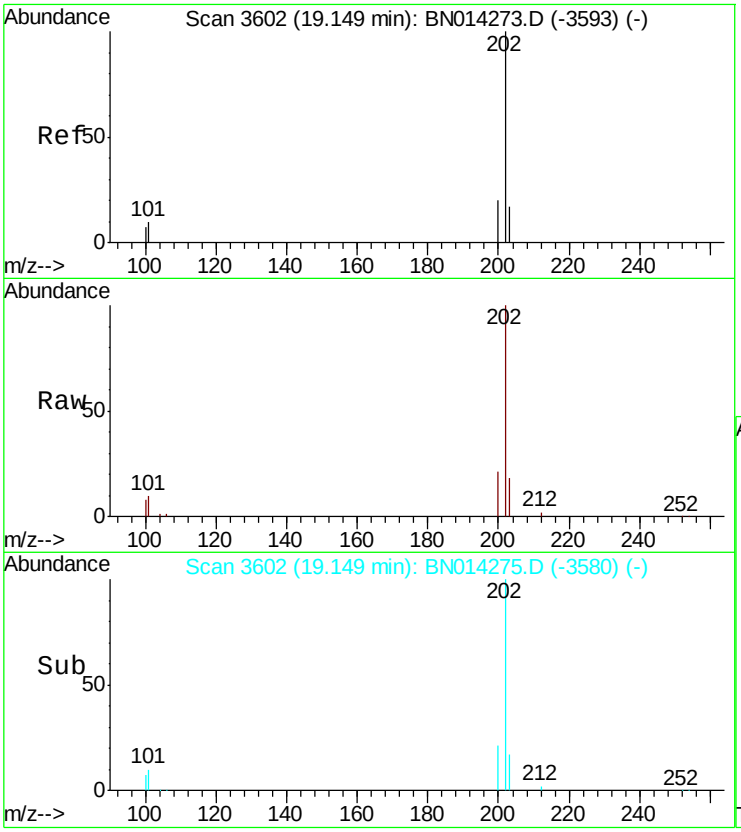


#16
Anthracene
Concen: 0.345 ng/ul
RT: 17.22 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BN014275.D
Acq: 14 Apr 2021 11:23

Tgt Ion:178 Resp: 16039

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	19.0
176	19.2	15.2	22.8



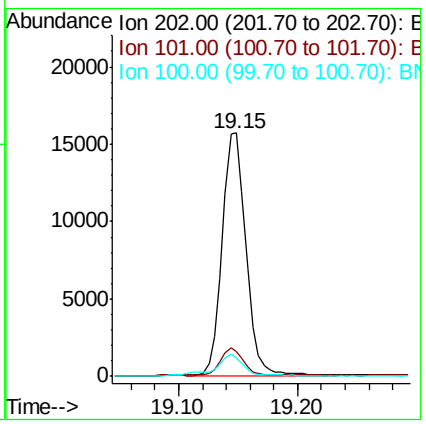


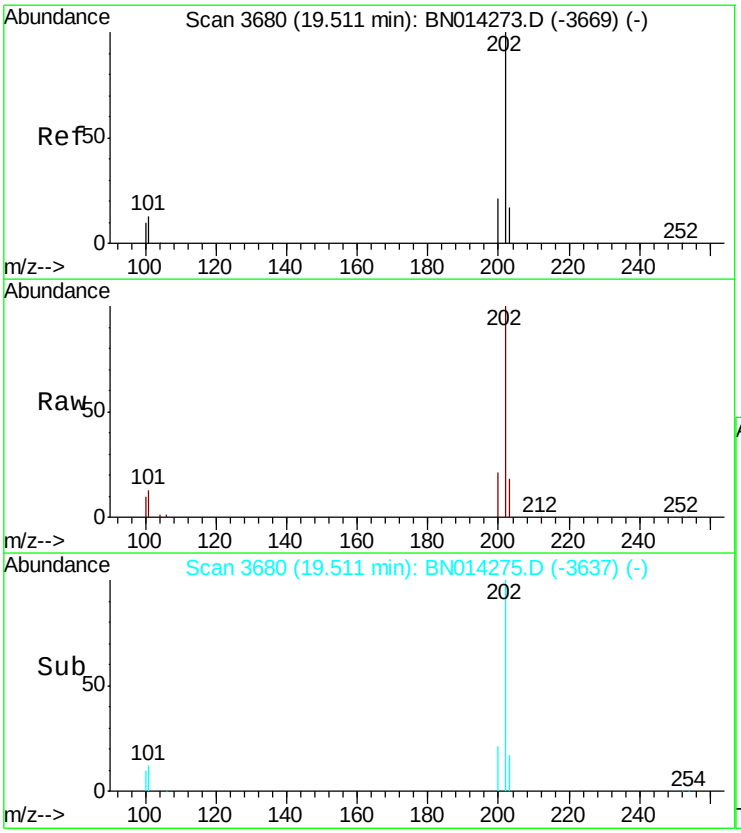
#19
Fluoranthene
Concen: 0.424 ng/ul
RT: 19.15 min Scan# 3602
Delta R.T. 0.00 min
Lab File: BN014275.D
Acq: 14 Apr 2021 11:23

Instrument :
BNA_N
ClientSampleId :
SLCS559

Tgt Ion:202 Resp: 21779

Ion	Ratio	Lower	Upper
202	100		
101	10.4	9.0	13.6
100	7.7	6.8	10.2

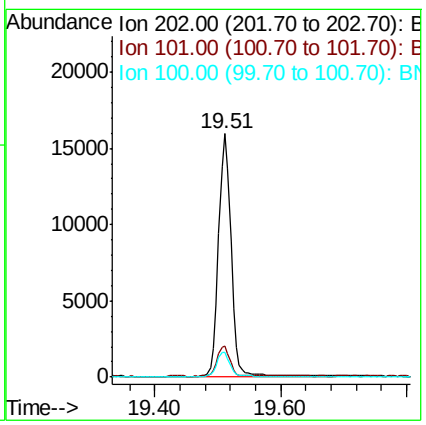


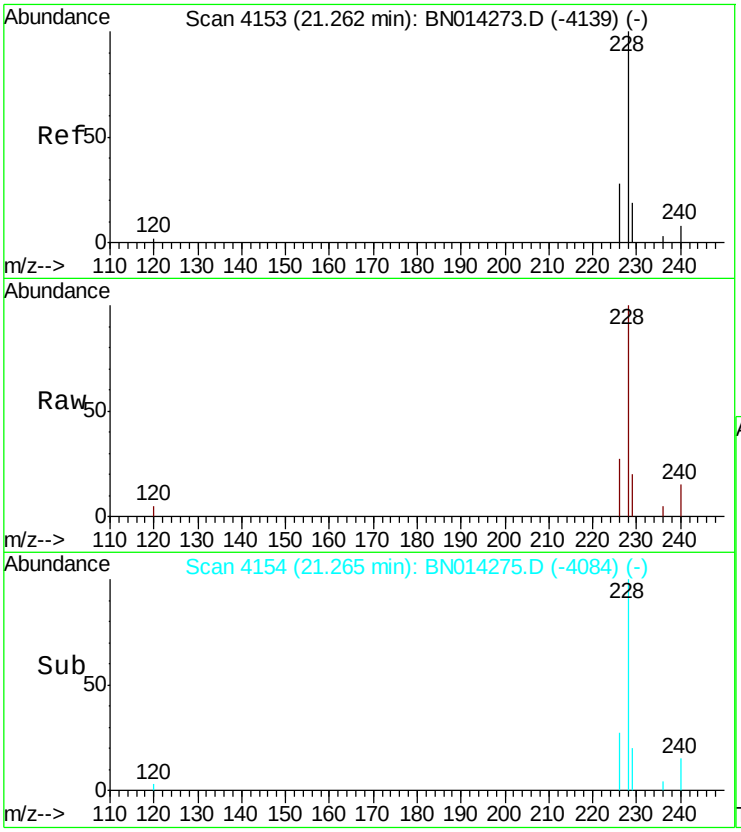


#20
Pyrene
Concen: 0.418 ng/ul
RT: 19.51 min Scan# 3680
Delta R.T. 0.00 min
Lab File: BN014275.D
Acq: 14 Apr 2021 11:23

Tgt Ion:202 Resp: 21824

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.9	14.9
100	10.3	7.8	11.8



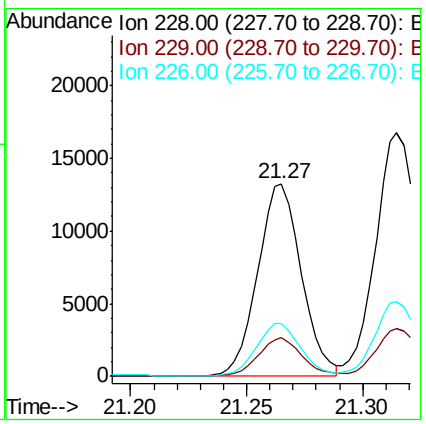


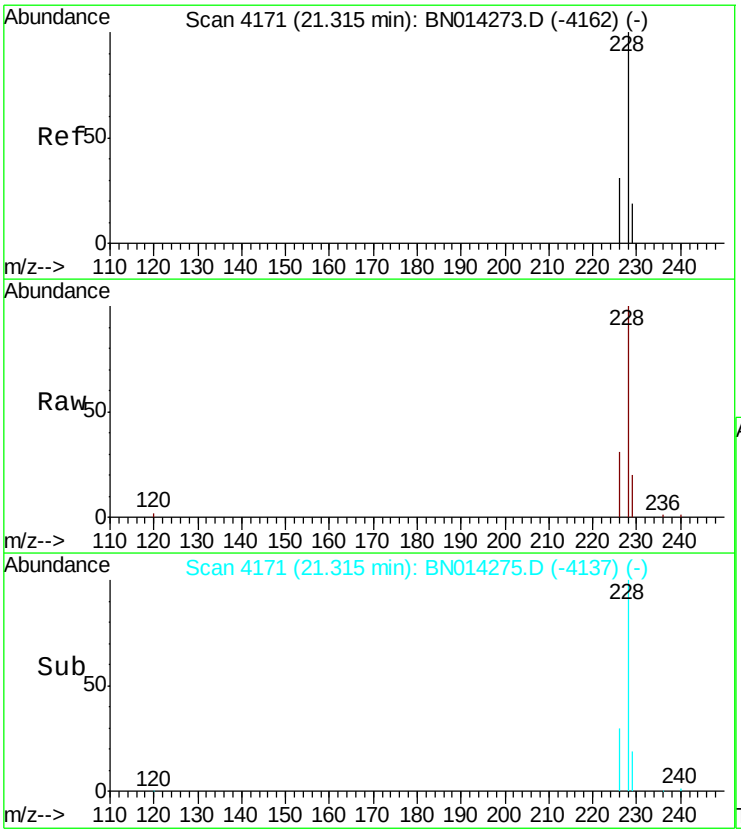
#21
Benzo(a)anthracene
Concen: 0.361 ng/ul
RT: 21.27 min Scan# 4154
Delta R.T. 0.00 min
Lab File: BN014275.D
Acq: 14 Apr 2021 11:23

Instrument :
BNA_N
ClientSampleId :
SLCS559

Tgt Ion:228 Resp: 17106

Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.1	24.1
226	27.2	22.2	33.2

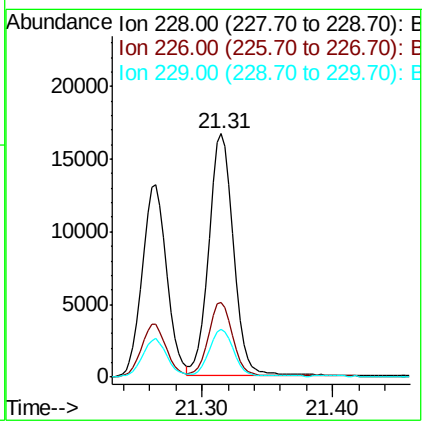


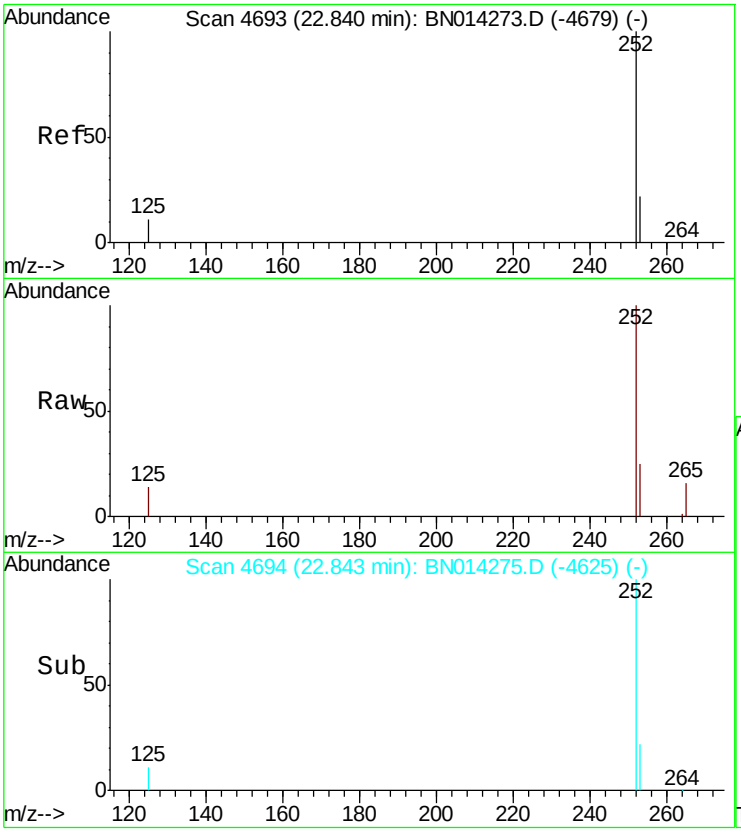


#22
Chrysene
Concen: 0.440 ng/ul
RT: 21.31 min Scan# 4171
Delta R.T. 0.00 min
Lab File: BN014275.D
Acq: 14 Apr 2021 11:23

Tgt Ion:228 Resp: 21629

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	19.5	15.8	23.6



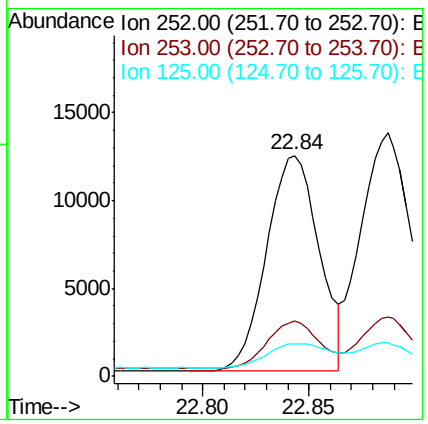


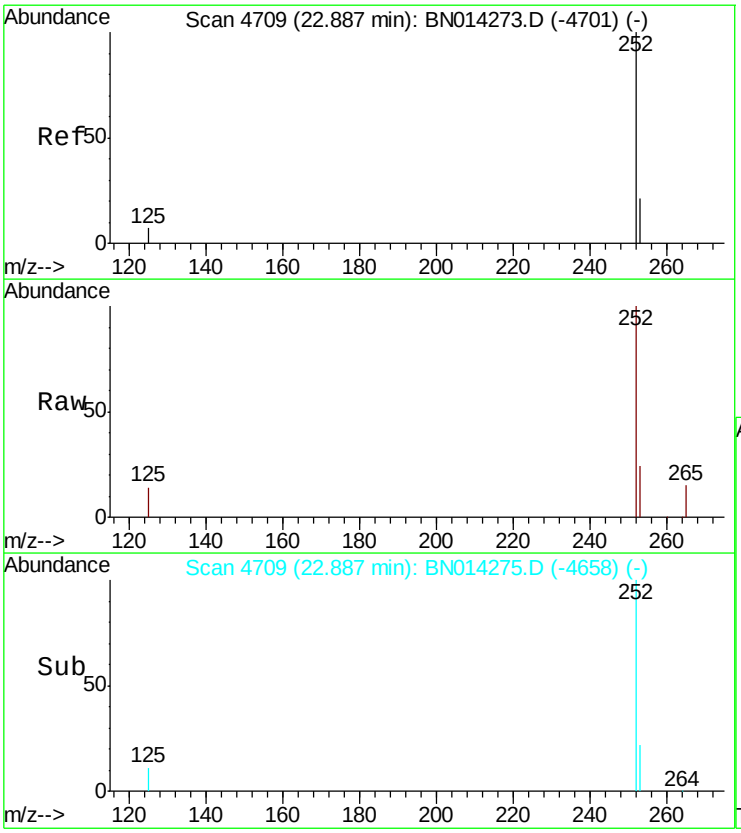
#24
Benzo(b)fluoranthene
Concen: 0.414 ng/ul
RT: 22.84 min Scan# 4694
Delta R.T. 0.00 min
Lab File: BN014275.D
Acq: 14 Apr 2021 11:23

Instrument :
BNA_N
ClientSampleId :
SLCS559

Tgt Ion:252 Resp: 21074

Ion	Ratio	Lower	Upper
252	100		
253	24.8	0.0	47.4
125	14.5	0.0	26.4

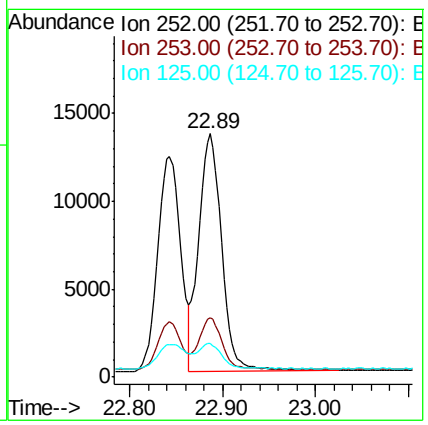


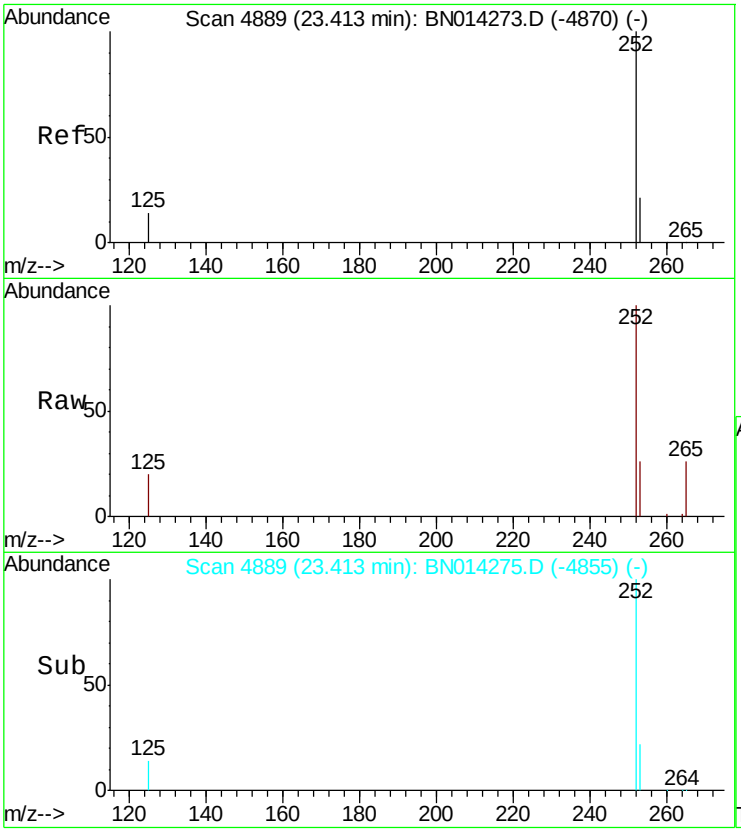


#25
Benzo(k)fluoranthene
Concen: 0.448 ng/ul
RT: 22.89 min Scan# 4709
Delta R.T. 0.00 min
Lab File: BN014275.D
Acq: 14 Apr 2021 11:23

Tgt Ion:252 Resp: 23205

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.2	28.8
125	13.8	10.5	15.7



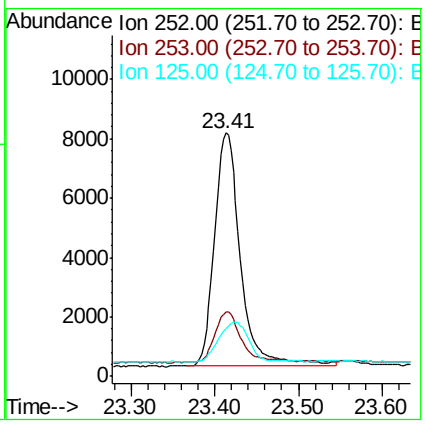


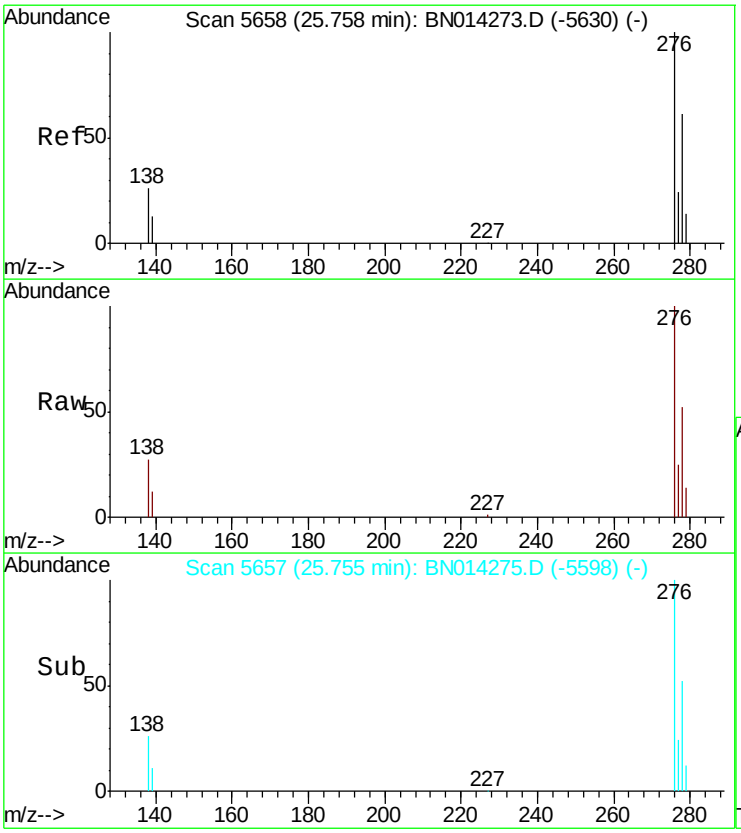
#26
Benzo(a)pyrene
Concen: 0.404 ng/ul
RT: 23.41 min Scan# 4889
Delta R.T. 0.00 min
Lab File: BN014275.D
Acq: 14 Apr 2021 11:23

Instrument :
BNA_N
ClientSampleId :
SLCS559

Tgt Ion:252 Resp: 17083

Ion	Ratio	Lower	Upper
252	100		
253	26.4	20.1	30.1
125	19.5	13.1	19.7

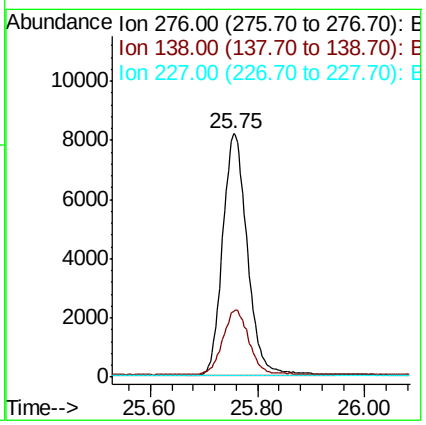


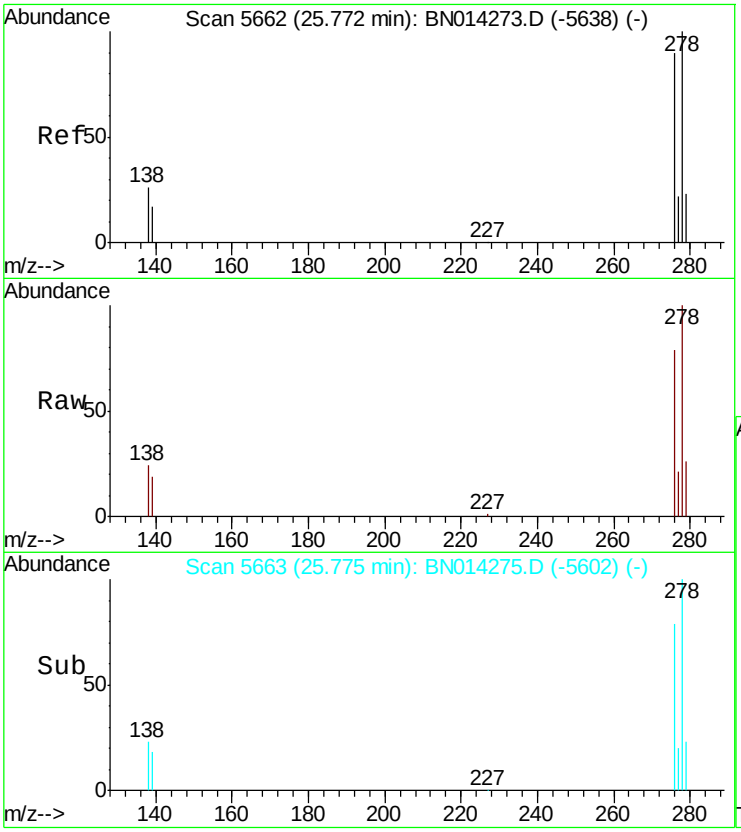


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.454 ng/ul
RT: 25.75 min Scan# 5657
Delta R.T. -0.00 min
Lab File: BN014275.D
Acq: 14 Apr 2021 11:23

Tgt Ion:276 Resp: 26413

Ion	Ratio	Lower	Upper
276	100		
138	28.7	21.9	32.9
227	0.1	0.2	0.4#



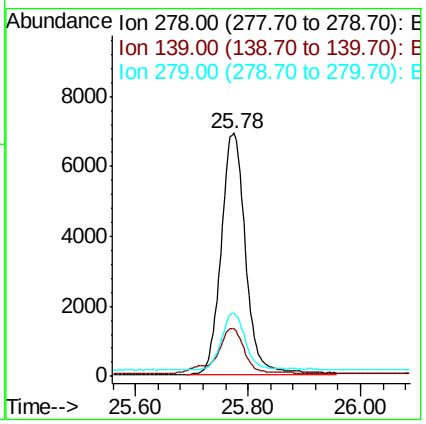


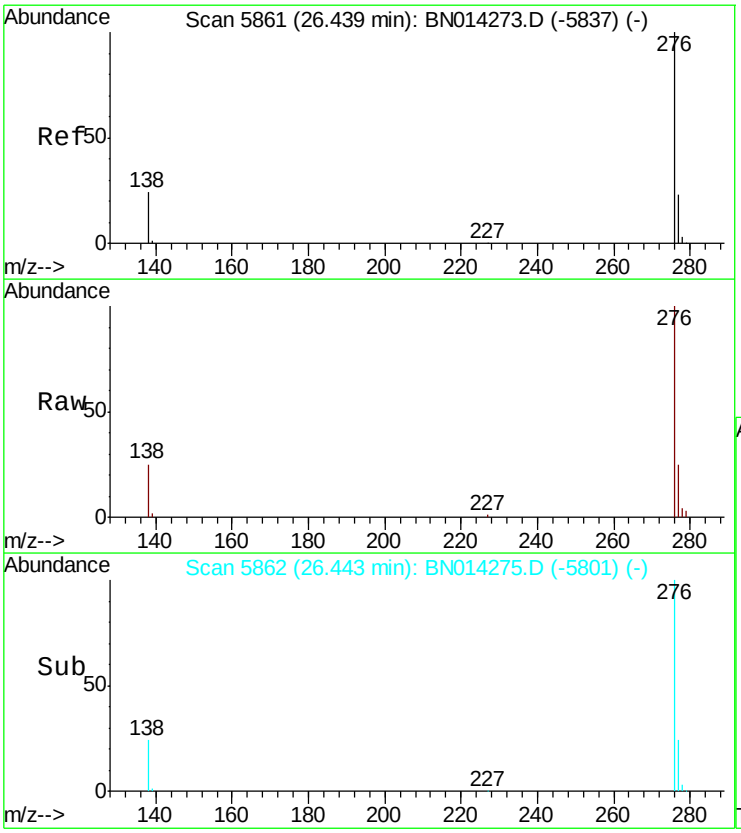
#28
Dibenzo(a,h)anthracene
Concen: 0.447 ng/ul
RT: 25.78 min Scan# 5663
Delta R.T. 0.00 min
Lab File: BN014275.D
Acq: 14 Apr 2021 11:23

Instrument :
BNA_N
ClientSampleId :
SLCS559

Tgt Ion:278 Resp: 20757

Ion	Ratio	Lower	Upper
278	100		
139	19.4	15.7	23.5
279	25.7	20.1	30.1





#29
Benzo(g,h,i)perylene
Concen: 0.441 ng/ul
RT: 26.44 min Scan# 5862
Delta R.T. 0.00 min
Lab File: BN014275.D
Acq: 14 Apr 2021 11:23

Tgt Ion:276 Resp: 21634

Ion	Ratio	Lower	Upper
276	100		
138	25.1	19.7	29.5
277	24.7	19.2	28.8