Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012821\
Data File : BN013529.D
Acq On : 28 Jan 2021 16:20
Operator : CG/JU
Sample : PB134340BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SLCS340

Quant Time: Jan 28 18:19:29 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA N\Methods\SFAM-EPA-SIM-BN012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 28 11:56:28 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	4943	0.40	ng/ul	0.00
4) Naphthalene-d8	10.33	136	18700	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	9892	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.95	188	21117	0.40	ng/ul	0.00
17) Chrysene-d12	21.15	240	17123	0.40	ng/ul	0.00
23) Perylene-d12	23.32	264	15410	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	3407	0.68	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.92	152	9495	0.35	ng/ul	0.00
18) Fluoranthene-d10	18.99	212	17852	0.35	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	8416	1.671	ng/ul#	86
5) Naphthalene	10.37	128	18404	0.350	ng/ul	99
7) 2-Methylnaphthalene	12.00	142	11981	0.339	ng/ul	99
8) 1-Methylnaphthalene	12.22	142	11381	0.336	ng/ul	100
10) Acenaphthylene	13.91	152	13665	0.329	ng/ul	99
11) Acenaphthene	14.26	153	12264	0.344	ng/ul	99
12) Fluorene	15.25	166	13820	0.349	ng/ul	98
14) Pentachlorophenol	16.60	266	1600	0.627	ng/ul	100
15) Phenanthrene	16.99	178	23288	0.343	ng/ul	100
16) Anthracene	17.08	178	18679	0.338	ng/ul	99
19) Fluoranthene	19.01	202	24476	0.361	ng/ul	99
20) Pyrene	19.38	202	24564	0.361	ng/ul	98
21) Benzo(a)anthracene	21.14	228	19215	0.356	ng/ul	99
22) Chrysene	21.19	228	23894	0.357	ng/ul	100
24) Benzo(b)fluoranthene	22.67	252	22188	0.329	ng/ul	99
25) Benzo(k)fluoranthene	22.71	252	25656	0.366	ng/ul	100
26) Benzo(a)pyrene	23.23	252	19551	0.369	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.47	276	25776	0.347	ng/ul#	80
28) Dibenzo(a,h)anthracene	25.49	278	20560	0.340	ng/ul	99
29) Benzo(g,h,i)perylene	26.13	276	21955	0.334	ng/ul	99

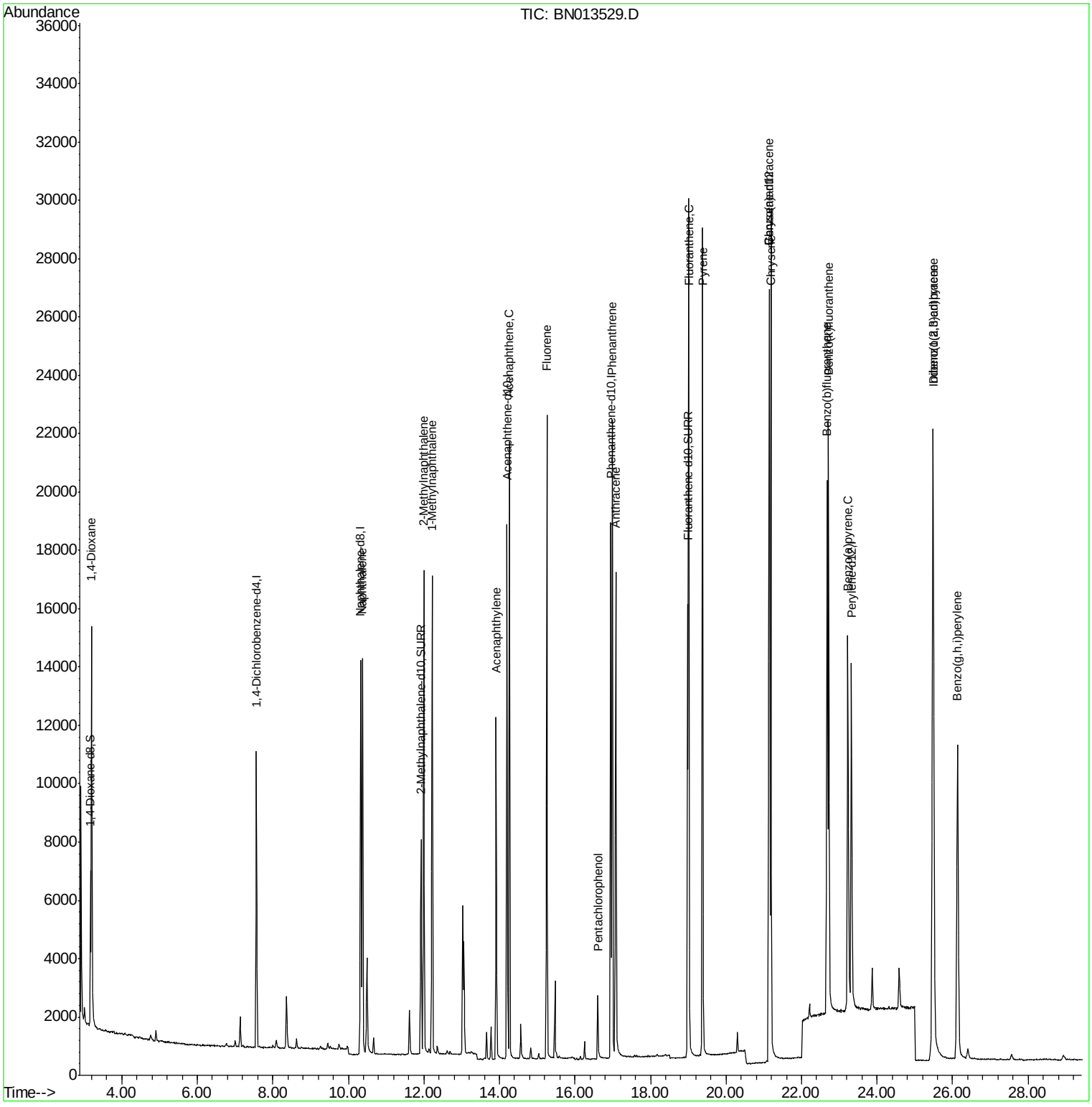
(#) = qualifier out of range (m) = manual integration (+) = signals summed

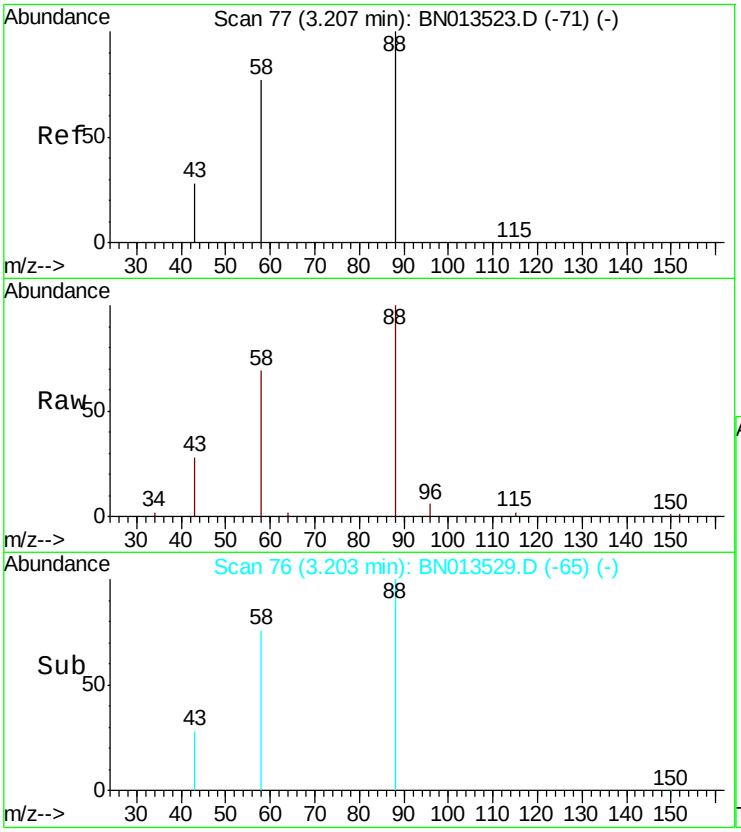
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012821\
Data File : BN013529.D
Acq On : 28 Jan 2021 16:20
Operator : CG/JU
Sample : PB134340BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS340

Quant Time: Jan 28 18:19:29 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA N\Methods\SFAM-EPA-SIM-BN012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 28 11:56:28 2021
Response via : Initial Calibration



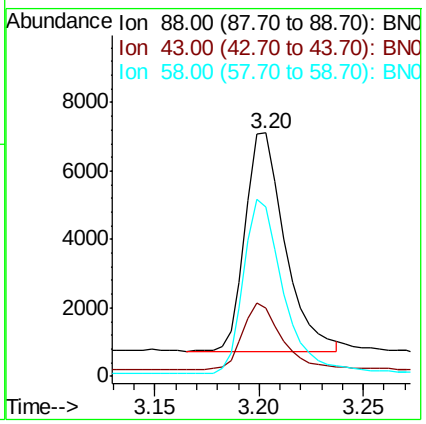


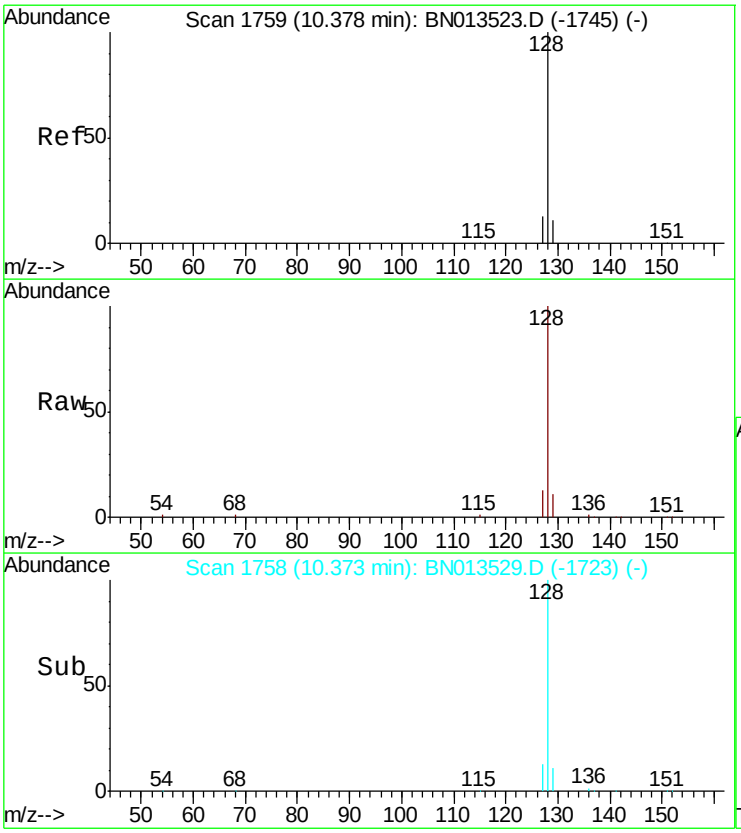
#2
1,4-Dioxane
Concen: 1.671 ng/ul
RT: 3.20 min Scan# 76
Delta R.T. -0.00 min
Lab File: BN013529.D
Acq: 28 Jan 2021 16:20

Instrument :
BNA_N
ClientSampleId :
SLCS340

Tgt Ion: 88 Resp: 8416

Ion	Ratio	Lower	Upper
88	100		
43	28.0	26.9	40.3
58	69.3	45.8	68.6#

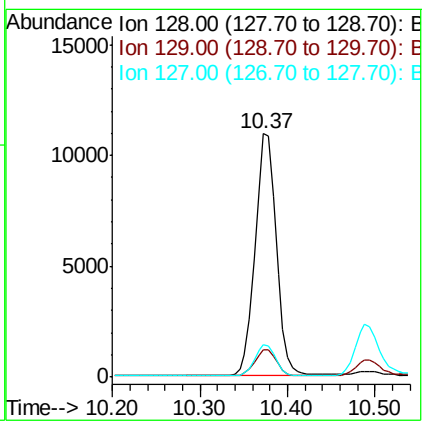


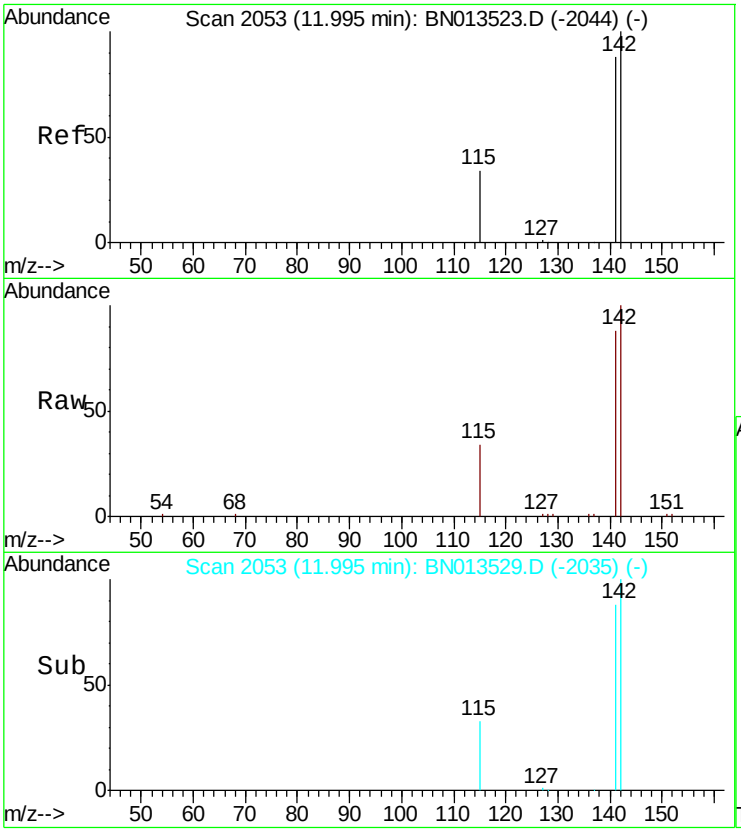


#5
Naphthalene
Concen: 0.350 ng/ul
RT: 10.37 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BN013529.D
Acq: 28 Jan 2021 16:20

Tgt Ion:128 Resp: 18404

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.2	13.8
127	13.2	10.7	16.1



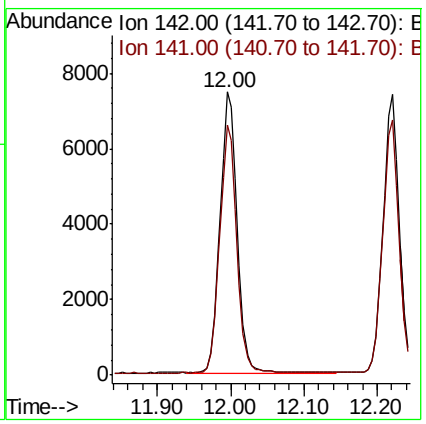


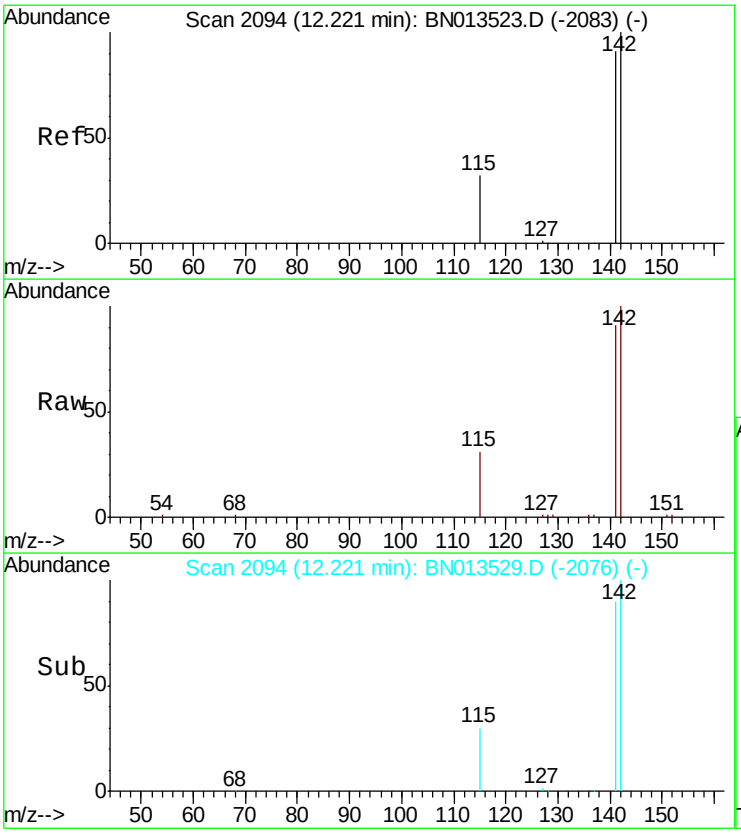
#7
2-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 12.00 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BN013529.D
Acq: 28 Jan 2021 16:20

Instrument :
BNA_N
ClientSampleId :
SLCS340

Tgt Ion:142 Resp: 11981

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.9	106.3

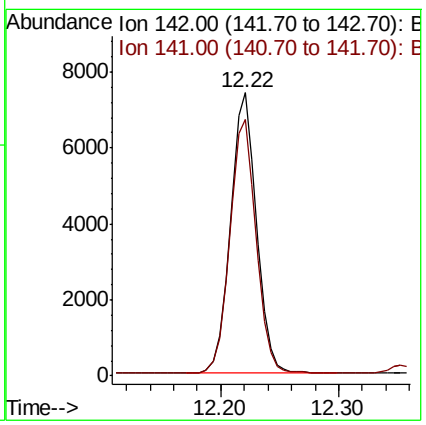


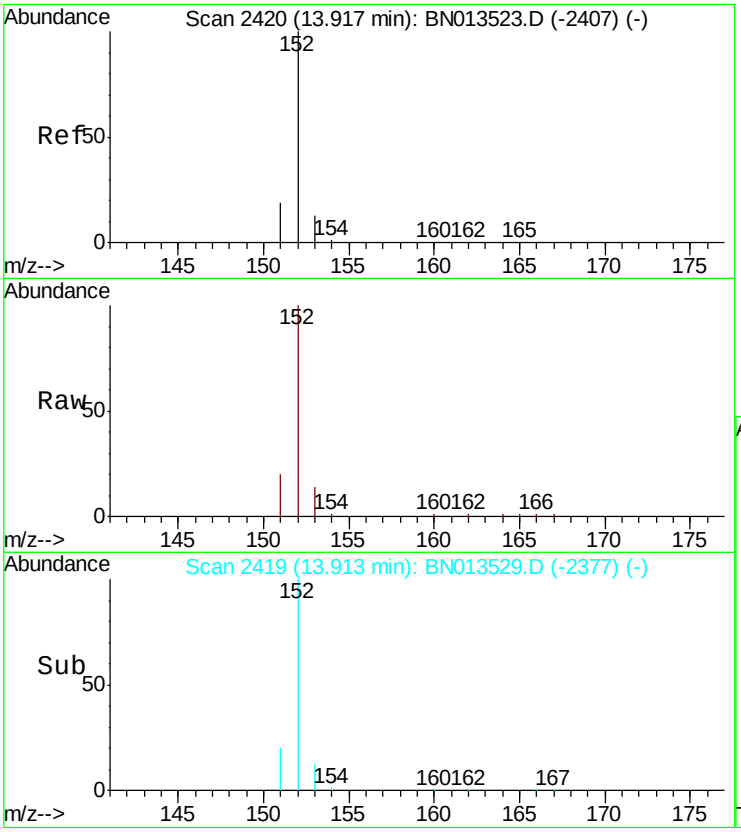


#8
1-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 12.22 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BN013529.D
Acq: 28 Jan 2021 16:20

Tgt Ion:142 Resp: 11381

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.3	109.9



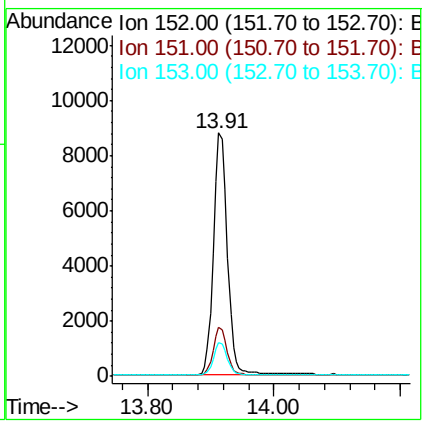


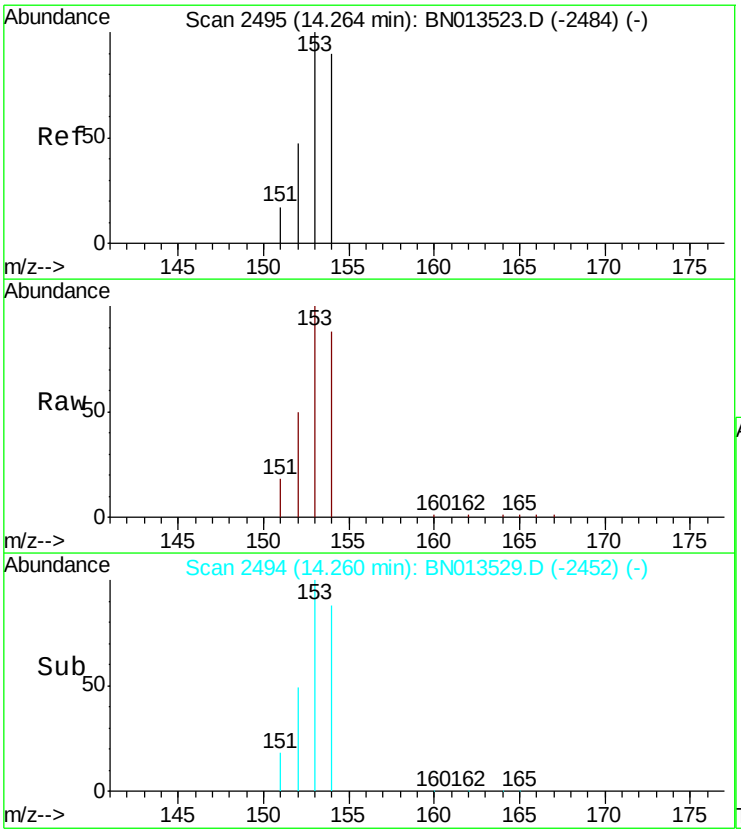
#10
Acenaphthylene
Concen: 0.329 ng/ul
RT: 13.91 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BN013529.D
Acq: 28 Jan 2021 16:20

Instrument :
BNA_N
ClientSampleId :
SLCS340

Tgt Ion:152 Resp: 13665

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.6
153	13.6	10.7	16.1

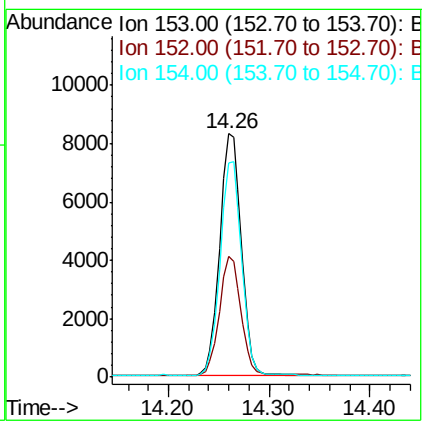


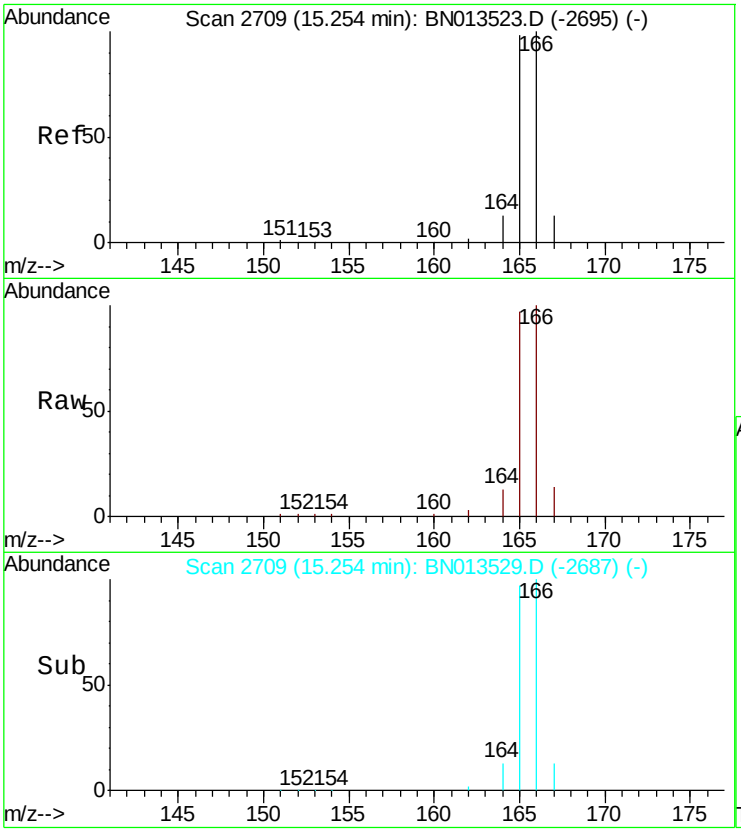


#11
Acenaphthene
Concen: 0.344 ng/ul
RT: 14.26 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BN013529.D
Acq: 28 Jan 2021 16:20

Tgt Ion:153 Resp: 12264

Ion	Ratio	Lower	Upper
153	100		
152	49.6	38.9	58.3
154	88.1	71.0	106.6



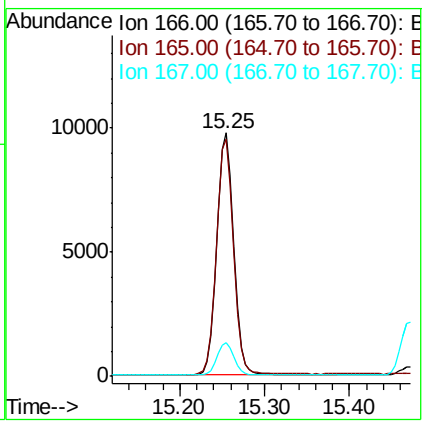


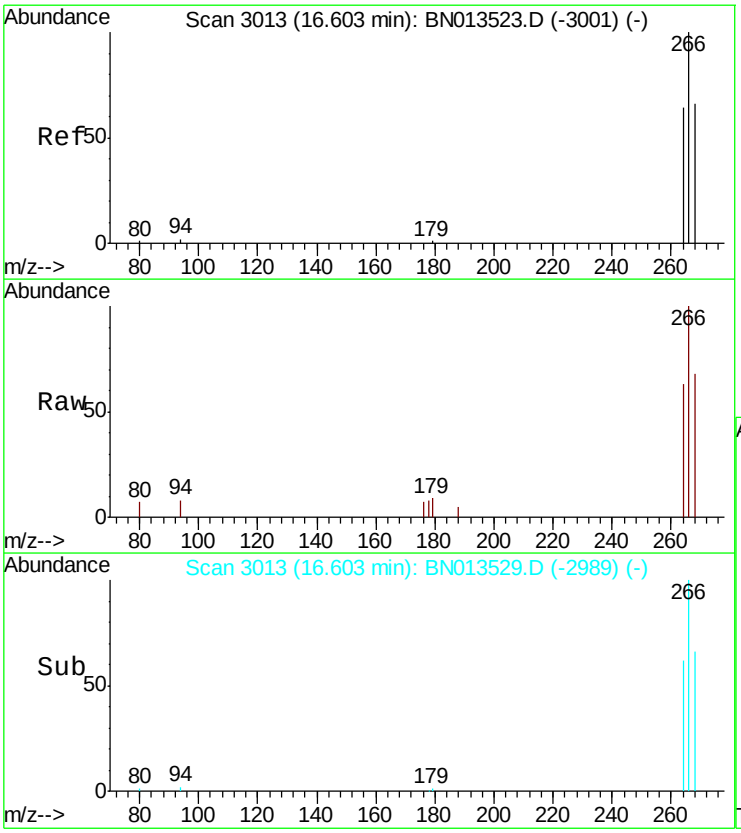
#12
Fluorene
Concen: 0.349 ng/ul
RT: 15.25 min Scan# 2709
Delta R.T. 0.00 min
Lab File: BN013529.D
Acq: 28 Jan 2021 16:20

Instrument :
BNA_N
ClientSampleId :
SLCS340

Tgt Ion:166 Resp: 13820

Ion	Ratio	Lower	Upper
166	100		
165	97.3	76.1	114.1
167	13.9	11.0	16.6

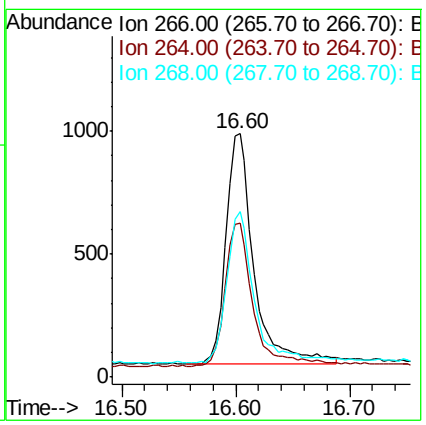


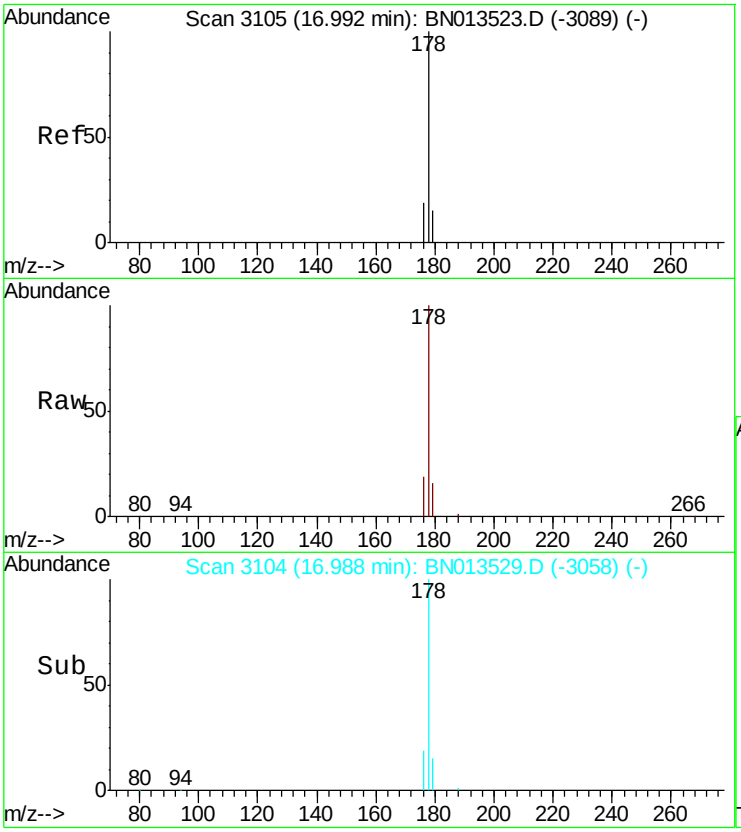


#14
Pentachlorophenol
Concen: 0.627 ng/ul
RT: 16.60 min Scan# 3013
Delta R.T. 0.00 min
Lab File: BN013529.D
Acq: 28 Jan 2021 16:20

Tgt Ion:266 Resp: 1600

Ion	Ratio	Lower	Upper
266	100		
264	62.3	50.0	75.0
268	65.4	52.6	79.0



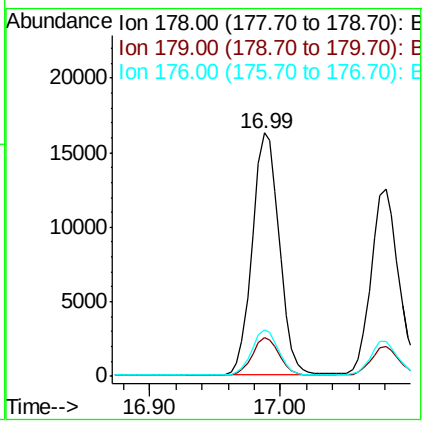


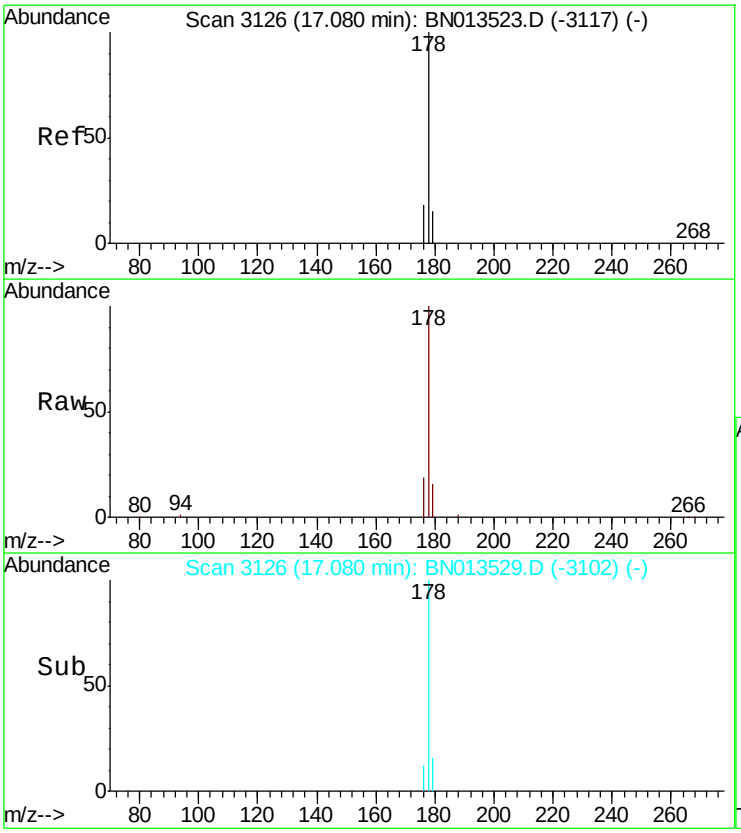
#15
Phenanthrene
Concen: 0.343 ng/ul
RT: 16.99 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BN013529.D
Acq: 28 Jan 2021 16:20

Instrument :
BNA_N
ClientSampleId :
SLCS340

Tgt Ion:178 Resp: 23288

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.1	15.4	23.0

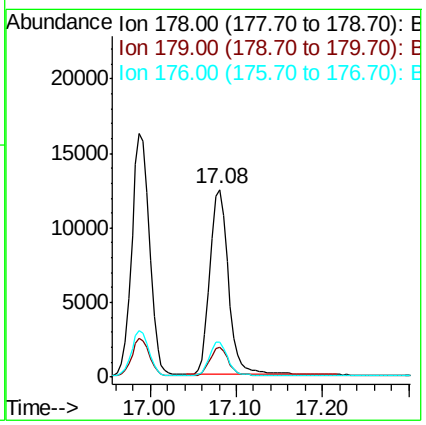


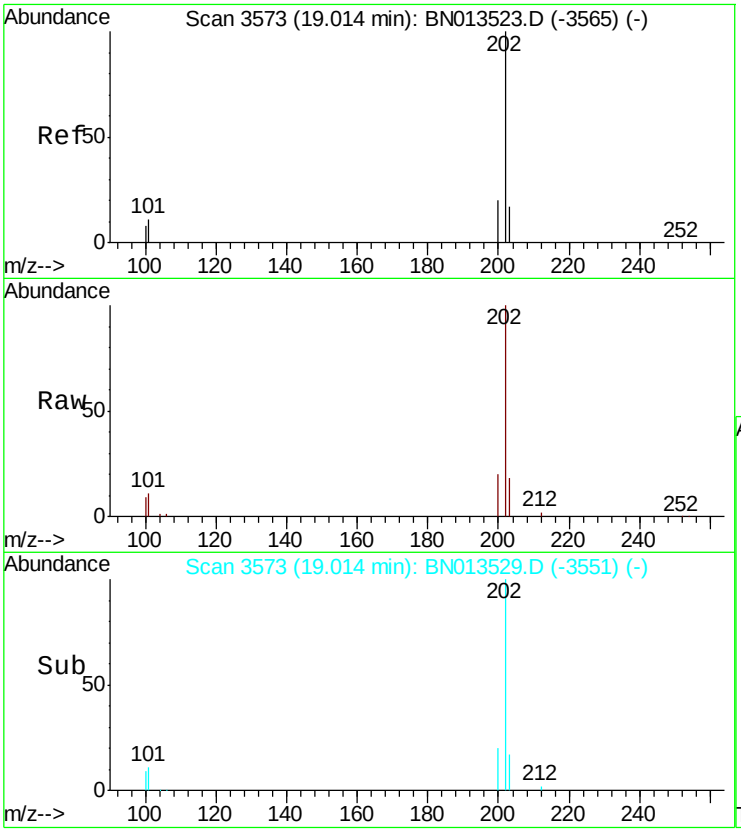


#16
Anthracene
Concen: 0.338 ng/ul
RT: 17.08 min Scan# 3126
Delta R.T. 0.00 min
Lab File: BN013529.D
Acq: 28 Jan 2021 16:20

Tgt Ion:178 Resp: 18679

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	18.8
176	18.5	14.4	21.6



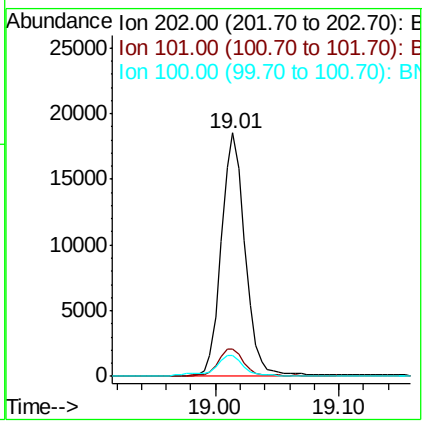


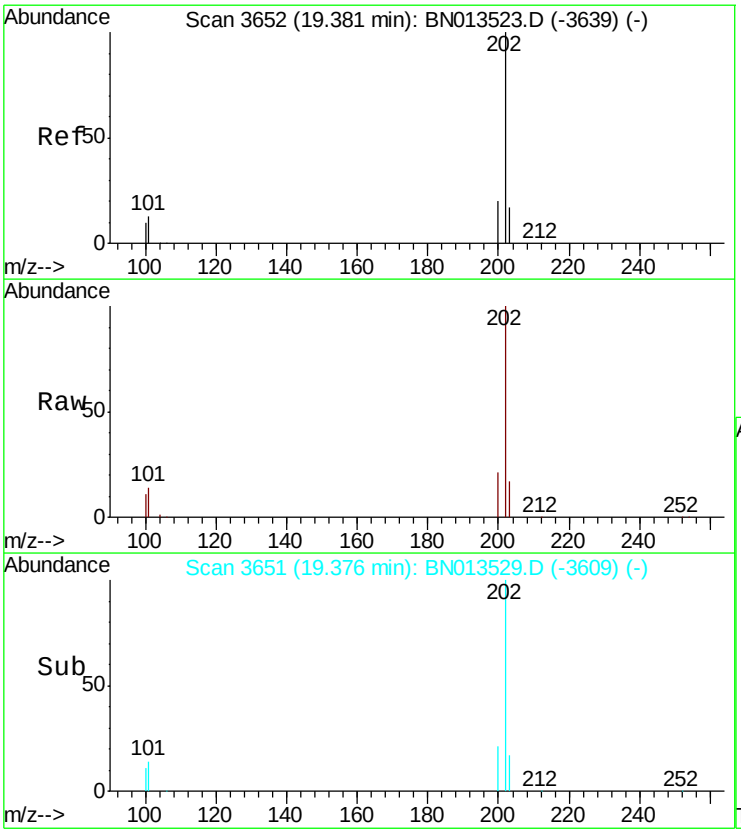
#19
Fluoranthene
Concen: 0.361 ng/ul
RT: 19.01 min Scan# 3573
Delta R.T. 0.00 min
Lab File: BN013529.D
Acq: 28 Jan 2021 16:20

Instrument :
BNA_N
ClientSampleId :
SLCS340

Tgt Ion:202 Resp: 24476

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.9	13.3
100	8.8	6.6	10.0

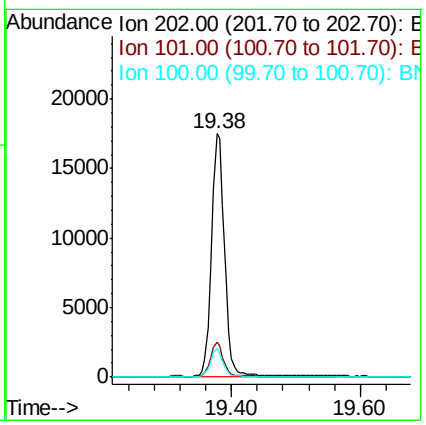


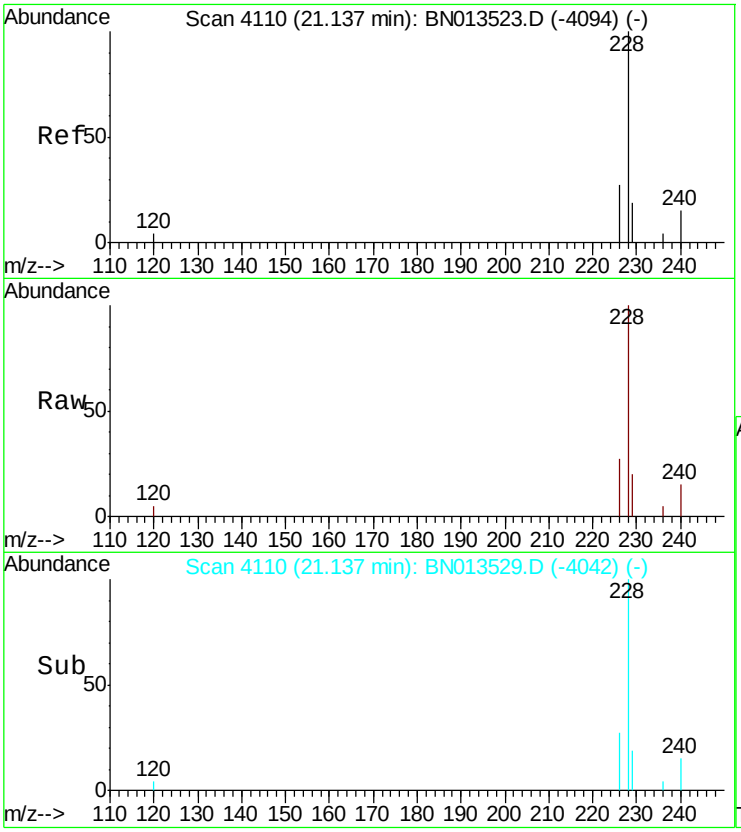


#20
Pyrene
Concen: 0.361 ng/ul
RT: 19.38 min Scan# 3651
Delta R.T. -0.00 min
Lab File: BN013529.D
Acq: 28 Jan 2021 16:20

Tgt Ion:202 Resp: 24564

Ion	Ratio	Lower	Upper
202	100		
101	14.1	10.3	15.5
100	11.5	8.6	13.0



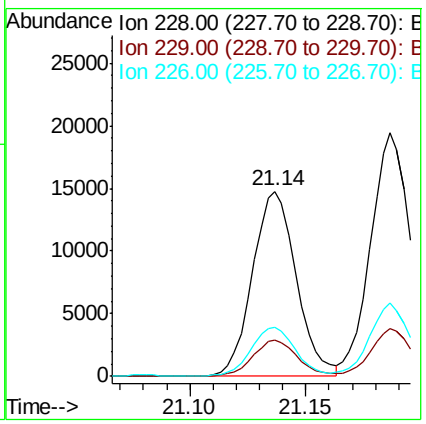


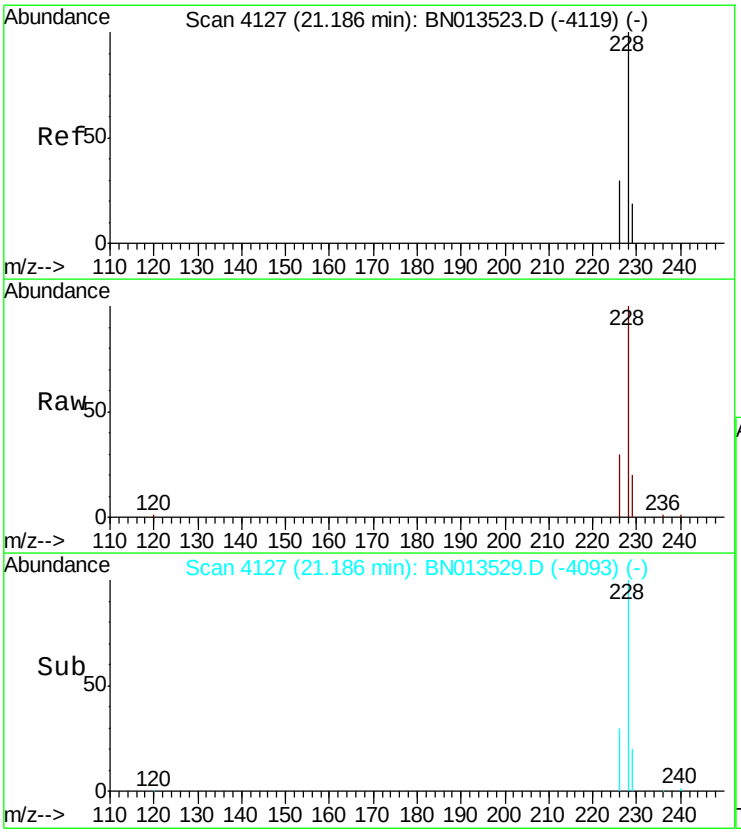
#21
Benzo(a)anthracene
Concen: 0.356 ng/ul
RT: 21.14 min Scan# 4110
Delta R.T. 0.00 min
Lab File: BN013529.D
Acq: 28 Jan 2021 16:20

Instrument :
BNA_N
ClientSampleId :
SLCS340

Tgt Ion:228 Resp: 19215

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.5	23.3
226	26.8	21.6	32.4

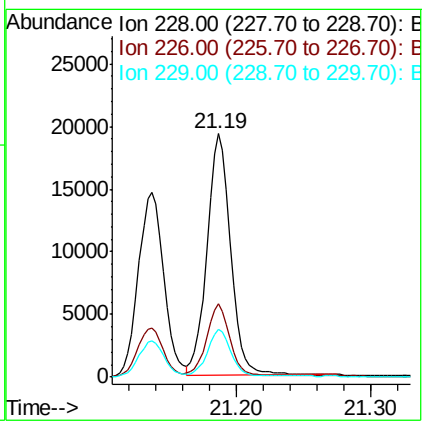


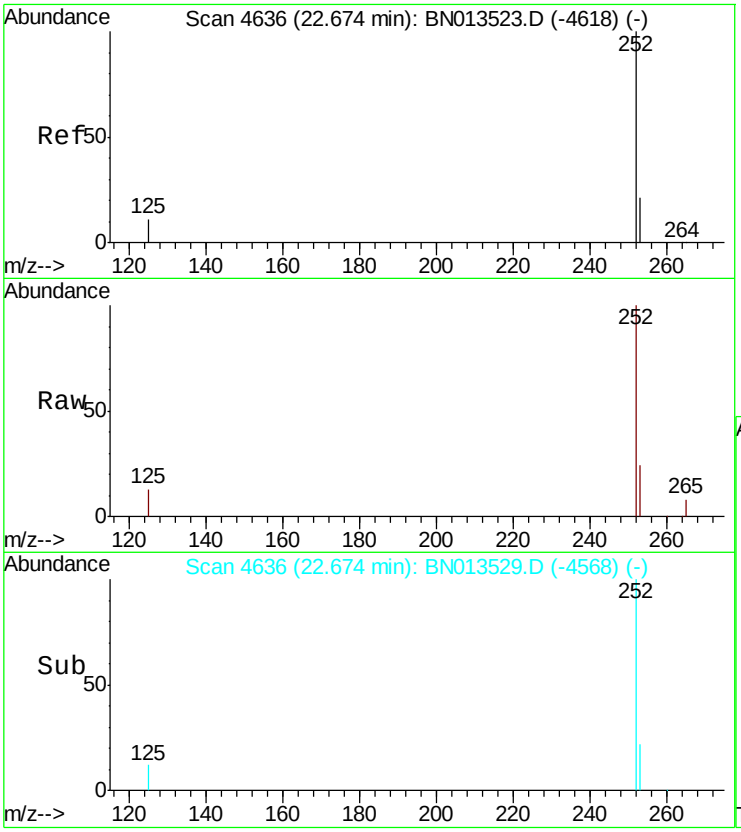


#22
Chrysene
Concen: 0.357 ng/ul
RT: 21.19 min Scan# 4127
Delta R.T. 0.00 min
Lab File: BN013529.D
Acq: 28 Jan 2021 16:20

Tgt Ion:228 Resp: 23894

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	19.9	15.8	23.8



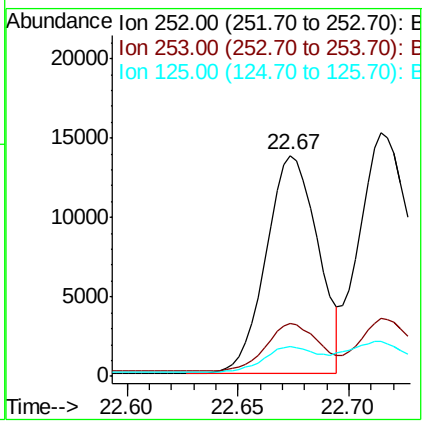


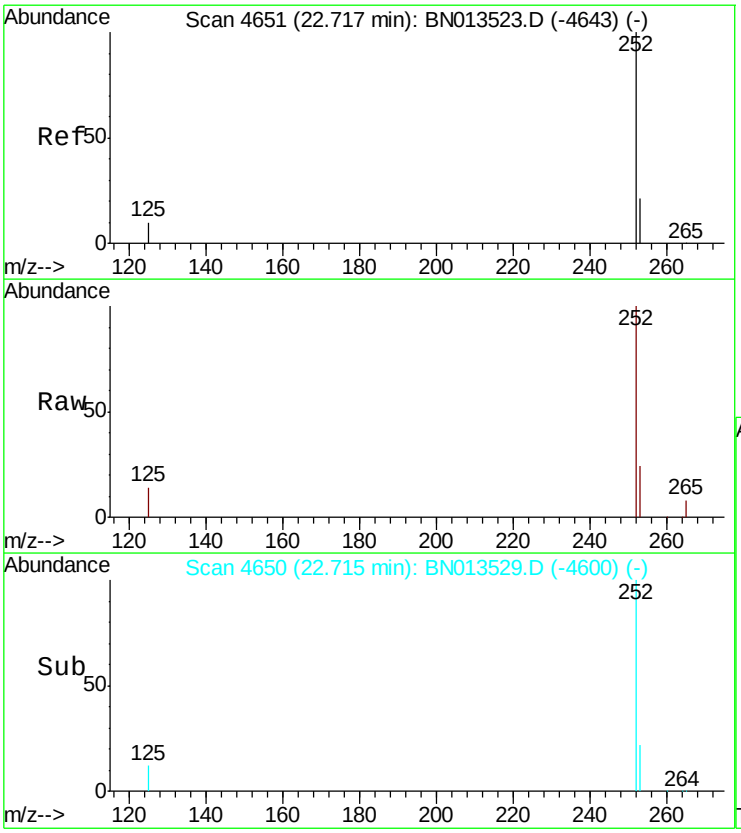
#24
Benzo(b)fluoranthene
Concen: 0.329 ng/ul
RT: 22.67 min Scan# 4636
Delta R.T. 0.00 min
Lab File: BN013529.D
Acq: 28 Jan 2021 16:20

Instrument :
BNA_N
ClientSampleId :
SLCS340

Tgt Ion:252 Resp: 22188

Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	46.6
125	13.5	0.0	27.2

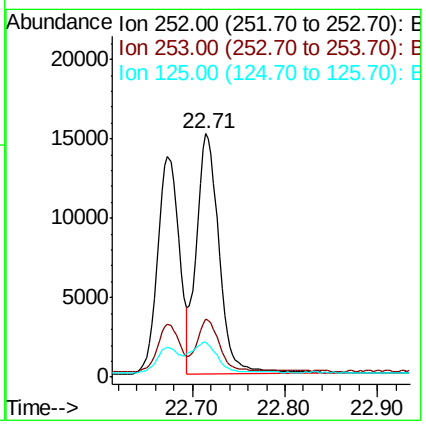


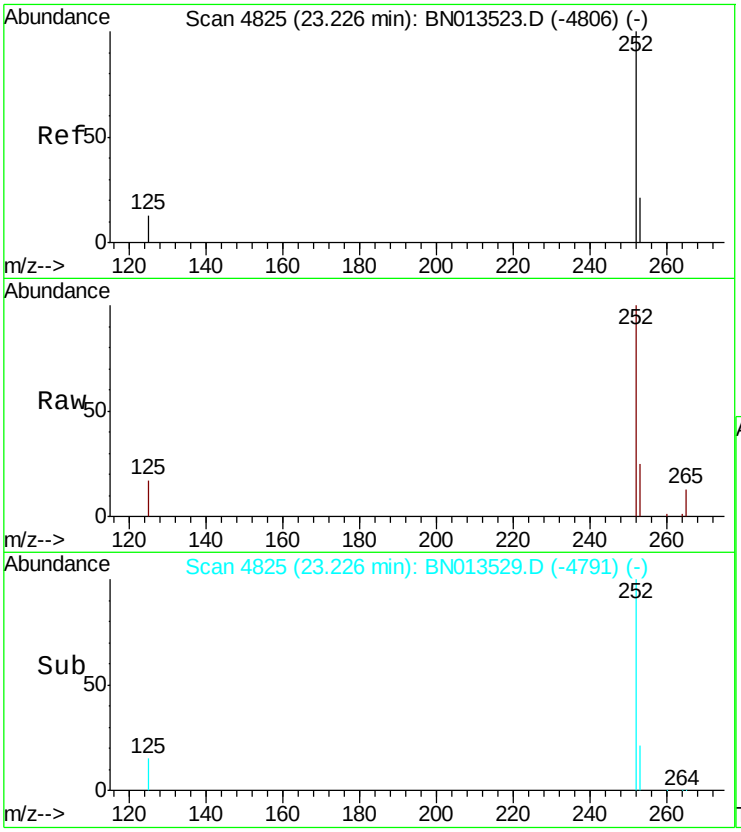


#25
Benzo(k)fluoranthene
Concen: 0.366 ng/ul
RT: 22.71 min Scan# 4650
Delta R.T. -0.00 min
Lab File: BN013529.D
Acq: 28 Jan 2021 16:20

Tgt Ion:252 Resp: 25656

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.0	28.4
125	14.3	11.3	16.9



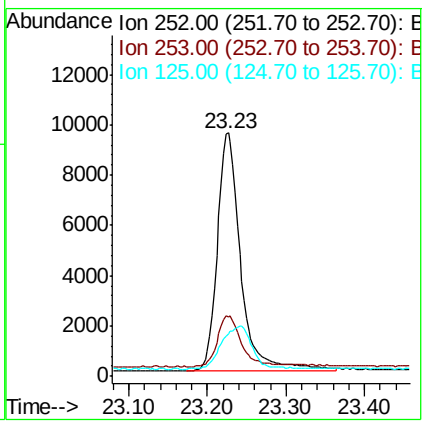


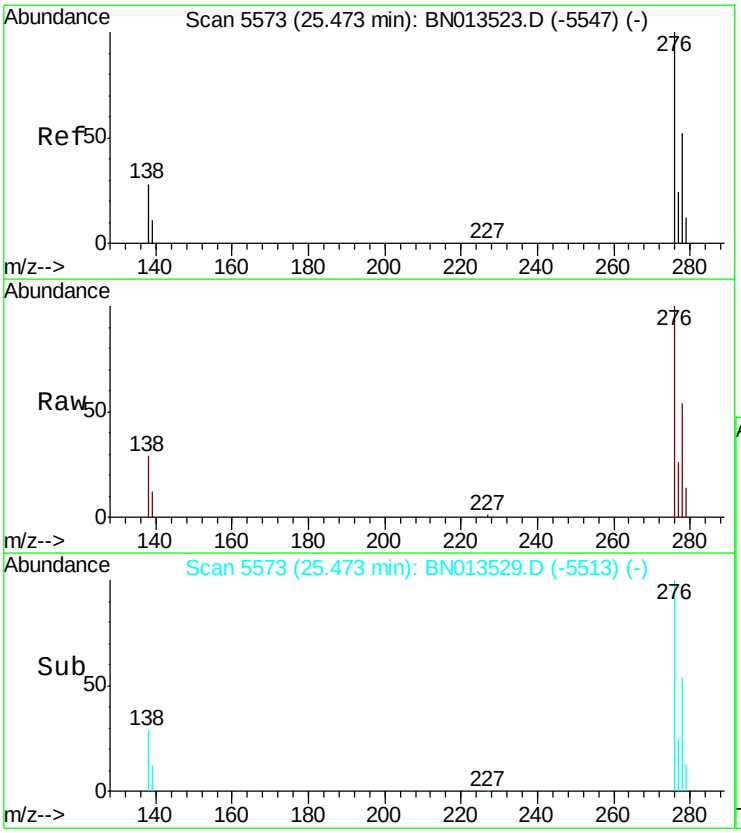
#26
Benzo(a)pyrene
Concen: 0.369 ng/ul
RT: 23.23 min Scan# 4825
Delta R.T. 0.00 min
Lab File: BN013529.D
Acq: 28 Jan 2021 16:20

Instrument :
BNA_N
ClientSampleId :
SLCS340

Tgt Ion:252 Resp: 19551

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.8	29.8
125	17.4	13.1	19.7

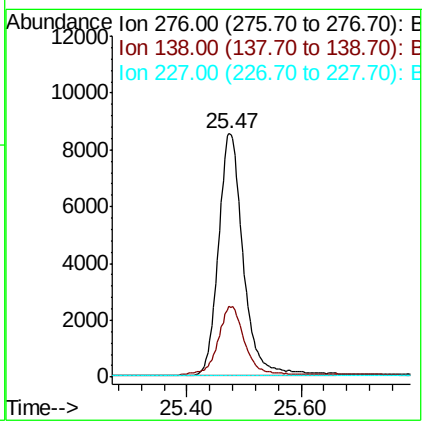


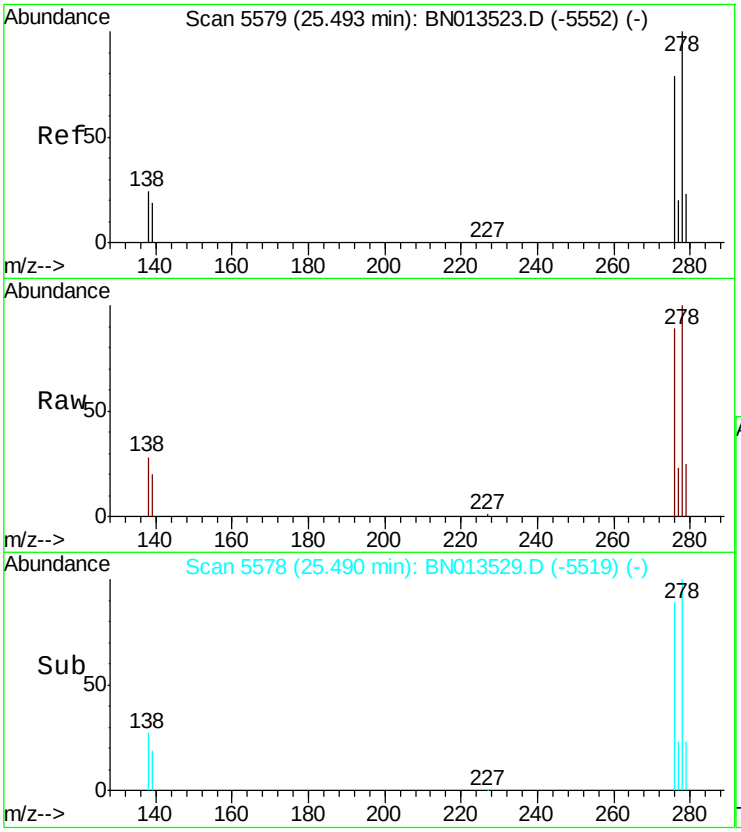


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.347 ng/ul
RT: 25.47 min Scan# 5573
Delta R.T. 0.00 min
Lab File: BN013529.D
Acq: 28 Jan 2021 16:20

Tgt Ion:276 Resp: 25776

Ion	Ratio	Lower	Upper
276	100		
138	30.8	17.2	25.8#
227	0.2	0.0	0.0#



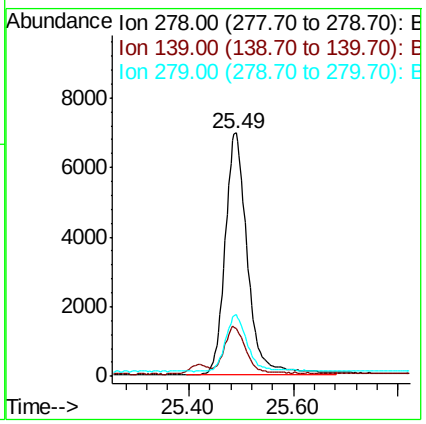


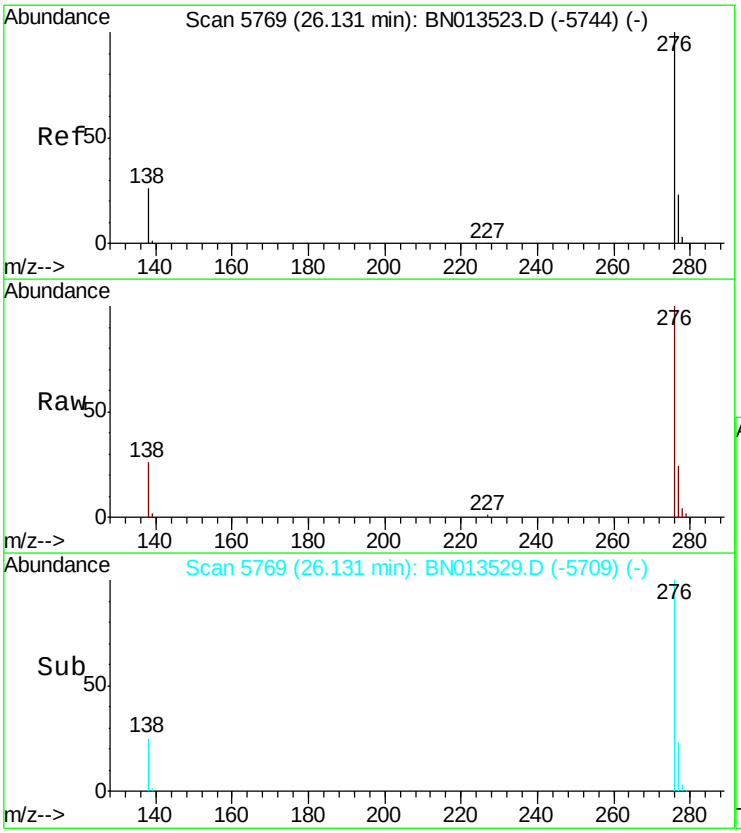
#28
Dibenzo(a,h)anthracene
Concen: 0.340 ng/ul
RT: 25.49 min Scan# 5578
Delta R.T. -0.00 min
Lab File: BN013529.D
Acq: 28 Jan 2021 16:20

Instrument :
BNA_N
ClientSampleId :
SLCS340

Tgt Ion:278 Resp: 20560

Ion	Ratio	Lower	Upper
278	100		
139	19.8	16.2	24.2
279	25.2	20.3	30.5





#29
Benzo(g,h,i)perylene
Concen: 0.334 ng/ul
RT: 26.13 min Scan# 5769
Delta R.T. 0.00 min
Lab File: BN013529.D
Acq: 28 Jan 2021 16:20

Tgt Ion:276 Resp: 21955

Ion	Ratio	Lower	Upper
276	100		
138	26.3	20.2	30.2
277	24.3	19.7	29.5