Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051221\
Data File : BN014581.D
Acq On : 12 May 2021 17:50
Operator : CG/JU
Sample : PB136056BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SLCS056

Quant Time: May 12 18:19:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN051221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 12 14:39:16 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	625	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	2036	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.38	164	1378	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.13	188	3349	0.40	ng/ul	0.00
17) Chrysene-d12	21.33	240	3613	0.40	ng/ul	0.00
23) Perylene-d12	23.60	264	2922	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	415	0.64	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.12	152	1164	0.33	ng/ul	0.00
18) Fluoranthene-d10	19.17	212	3678	0.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	1120	1.571	ng/ul#	83
5) Naphthalene	10.58	128	2009	0.343	ng/ul	98
7) 2-Methylnaphthalene	12.19	142	1385	0.330	ng/ul	100
8) 1-Methylnaphthalene	12.42	142	1353	0.335	ng/ul	97
10) Acenaphthylene	14.10	152	1613	0.307	ng/ul	98
11) Acenaphthene	14.44	153	1535	0.325	ng/ul	97
12) Fluorene	15.44	166	1906	0.334	ng/ul	99
14) Pentachlorophenol	16.78	266	387	0.589	ng/ul	99
15) Phenanthrene	17.18	178	3507	0.347	ng/ul	99
16) Anthracene	17.27	178	2808	0.335	ng/ul	99
19) Fluoranthene	19.20	202	4475	0.379	ng/ul	99
20) Pyrene	19.56	202	4471	0.382	ng/ul	99
21) Benzo(a)anthracene	21.31	228	4117	0.376	ng/ul	98
22) Chrysene	21.37	228	5126	0.394	ng/ul	100
24) Benzo(b)fluoranthene	22.92	252	5052	0.413	ng/ul	99
25) Benzo(k)fluoranthene	22.96	252	5122	0.401	ng/ul	99
26) Benzo(a)pyrene	23.50	252	3809	0.395	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.90	276	5418	0.384	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.92	278	4493	0.387	ng/ul	99
29) Benzo(g,h,i)perylene	26.60	276	4775	0.407	ng/ul	98

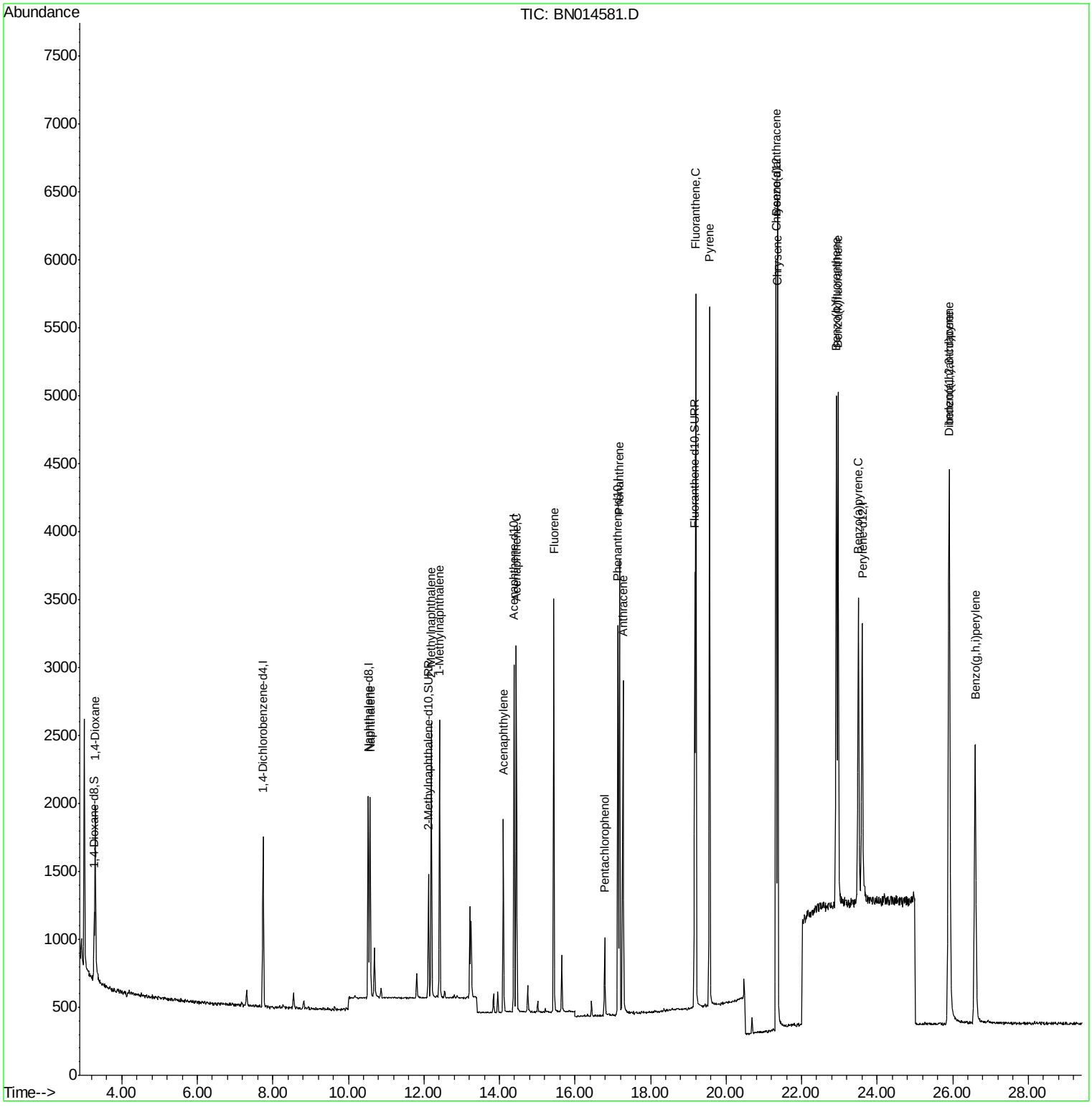
(#) = qualifier out of range (m) = manual integration (+) = signals summed

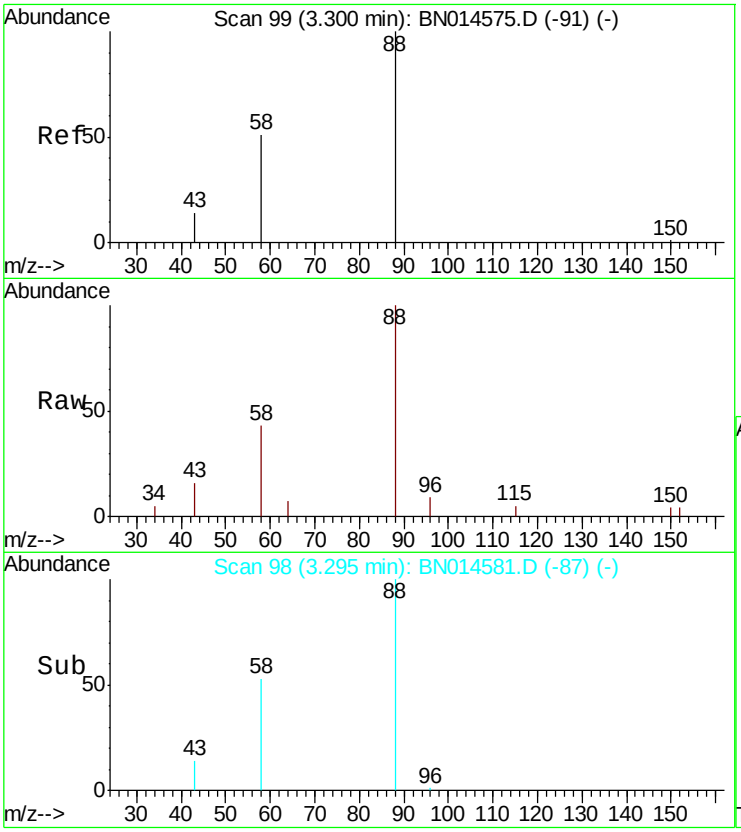
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051221\
Data File : BN014581.D
Acq On : 12 May 2021 17:50
Operator : CG/JU
Sample : PB136056BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SLCS056

Quant Time: May 12 18:19:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN051221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 12 14:39:16 2021
Response via : Initial Calibration



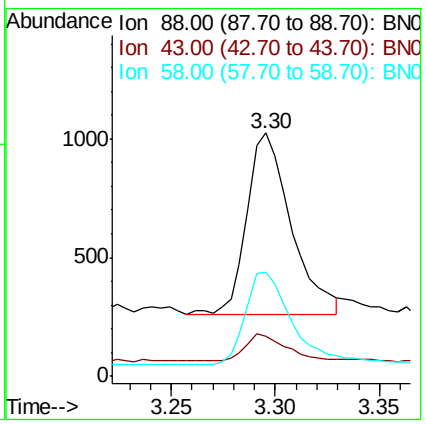


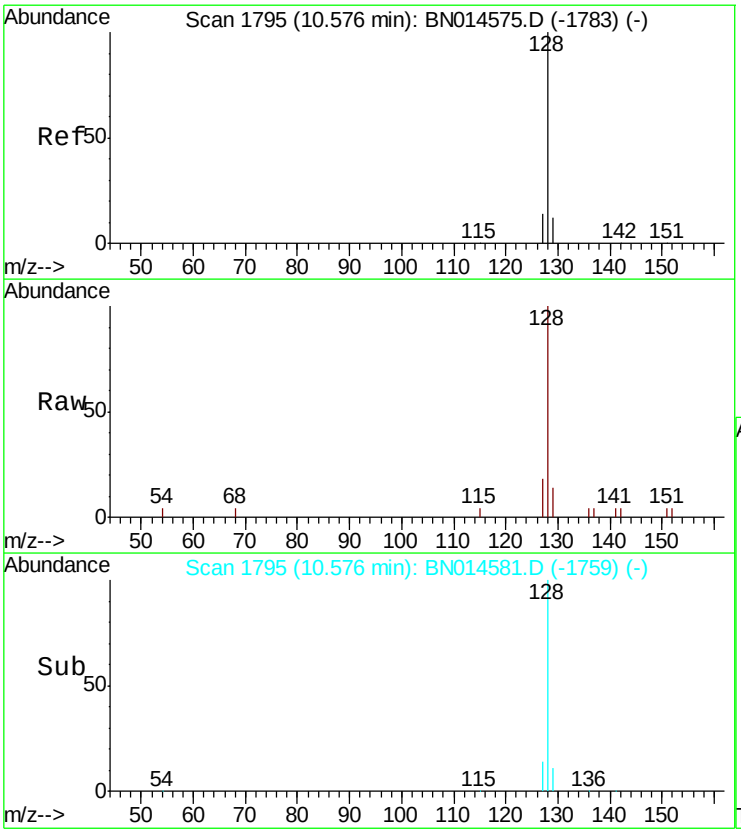
#2
1,4-Dioxane
Concen: 1.571 ng/ul
RT: 3.30 min Scan# 98
Delta R.T. -0.00 min
Lab File: BN014581.D
Acq: 12 May 2021 17:50

Instrument :
BNA_N
ClientSampleId :
SLCS056

Tgt Ion: 88 Resp: 1120

Ion	Ratio	Lower	Upper
88	100		
43	16.5	15.7	23.5
58	42.8	23.8	35.6#

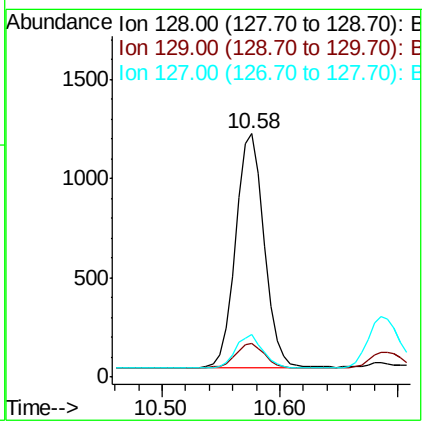


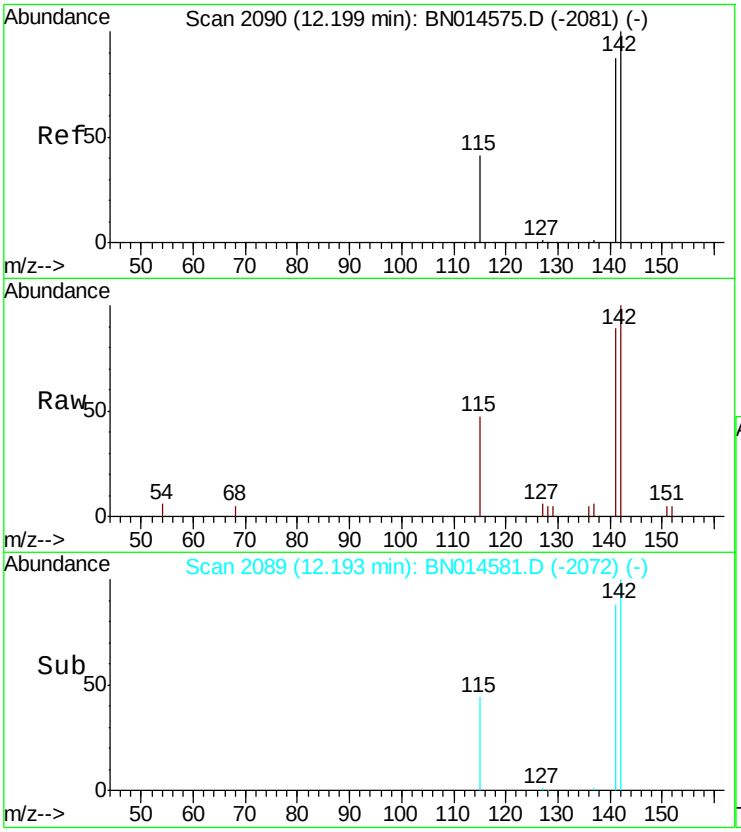


#5
Naphthalene
Concen: 0.343 ng/ul
RT: 10.58 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BN014581.D
Acq: 12 May 2021 17:50

Tgt Ion:128 Resp: 2009

Ion	Ratio	Lower	Upper
128	100		
129	13.9	11.6	17.4
127	17.6	13.3	19.9



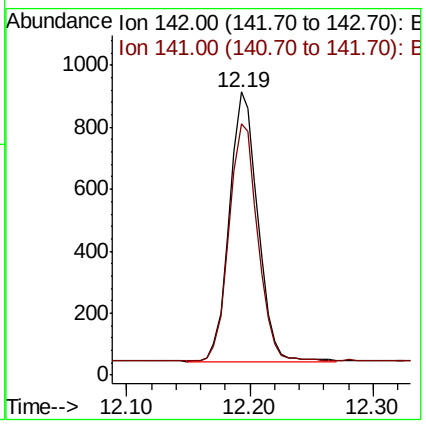


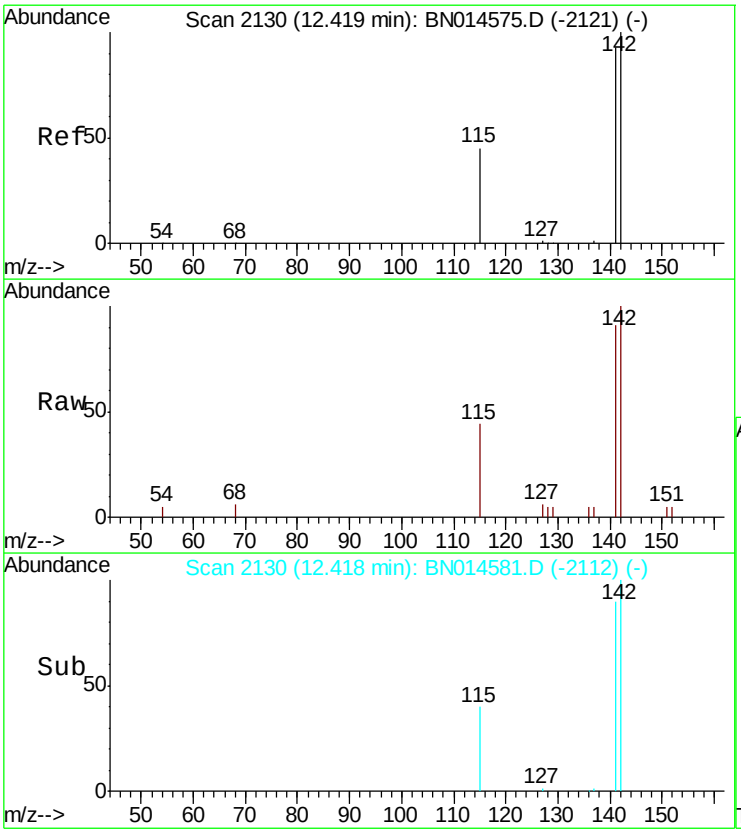
#7
2-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.19 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BN014581.D
Acq: 12 May 2021 17:50

Instrument :
BNA_N
ClientSampleId :
SLCS056

Tgt Ion:142 Resp: 1385

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.9	106.3

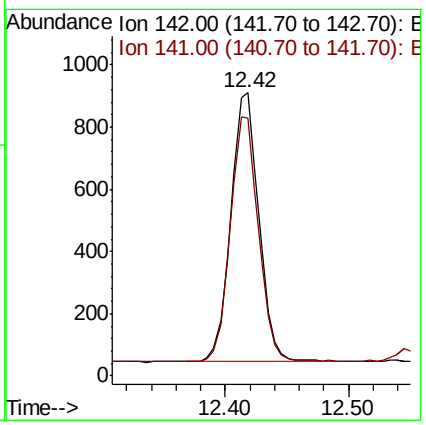


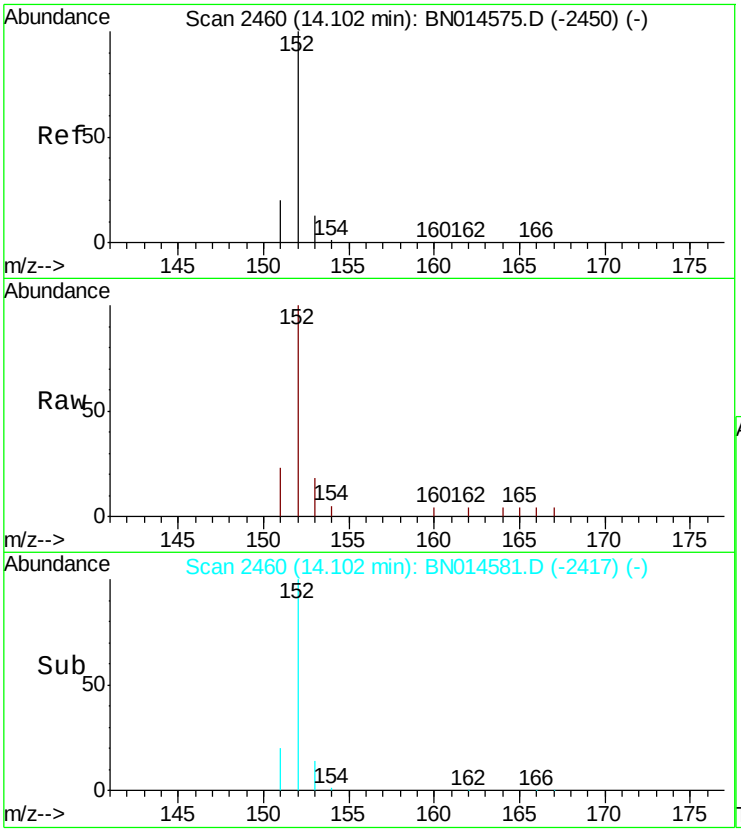


#8
1-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 12.42 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BN014581.D
Acq: 12 May 2021 17:50

Tgt Ion:142 Resp: 1353

Ion	Ratio	Lower	Upper
142	100		
141	92.3	75.9	113.9



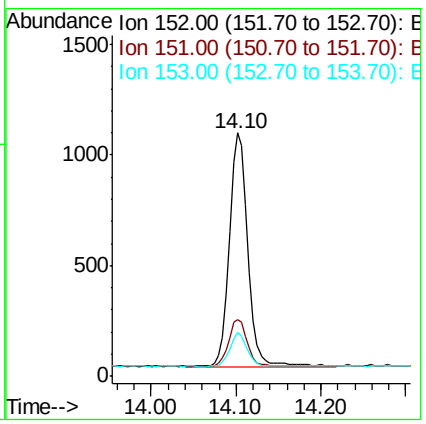


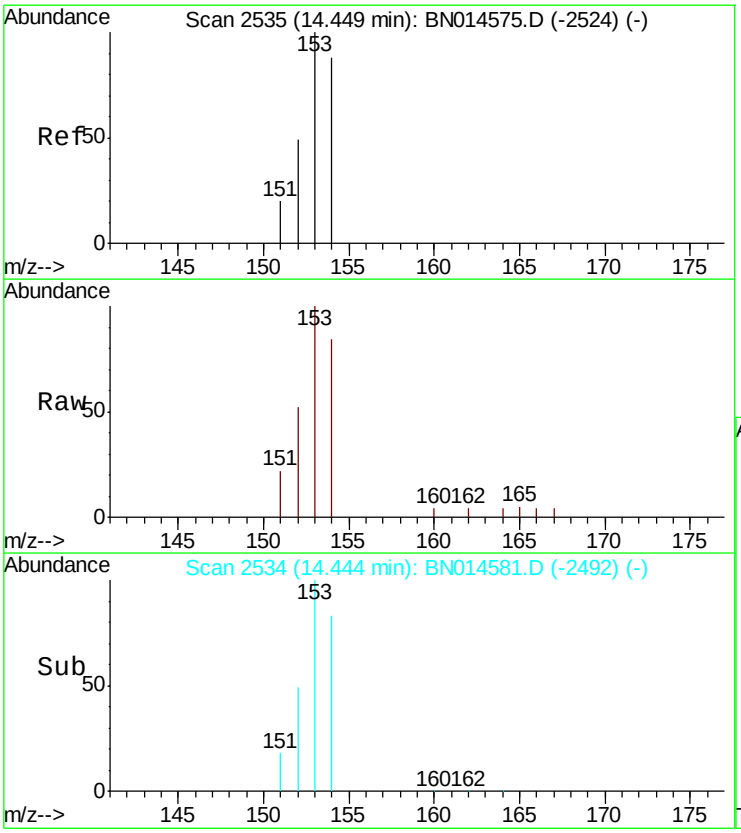
#10
Acenaphthylene
Concen: 0.307 ng/ul
RT: 14.10 min Scan# 2460
Delta R.T. -0.00 min
Lab File: BN014581.D
Acq: 12 May 2021 17:50

Instrument :
BNA_N
ClientSampleId :
SLCS056

Tgt Ion:152 Resp: 1613

Ion	Ratio	Lower	Upper
152	100		
151	23.2	18.2	27.2
153	17.9	12.8	19.2

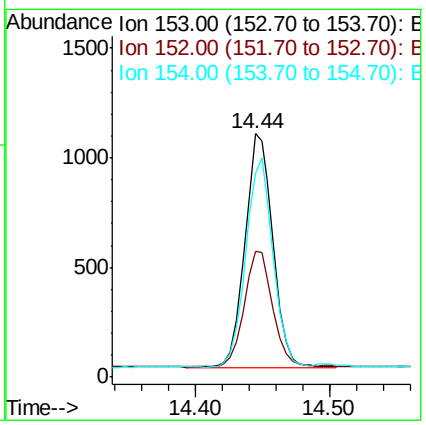


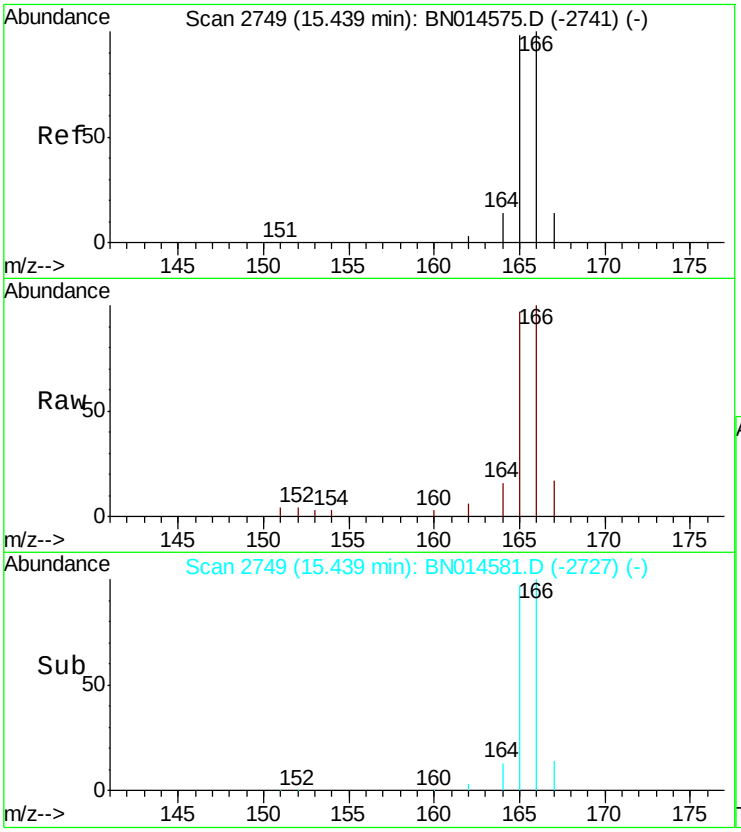


#11
Acenaphthene
Concen: 0.325 ng/ul
RT: 14.44 min Scan# 2534
Delta R.T. -0.00 min
Lab File: BN014581.D
Acq: 12 May 2021 17:50

Tgt Ion:153 Resp: 1535

Ion	Ratio	Lower	Upper
153	100		
152	51.8	40.9	61.3
154	83.9	70.7	106.1



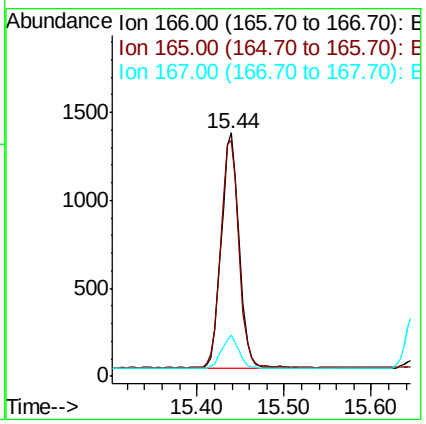


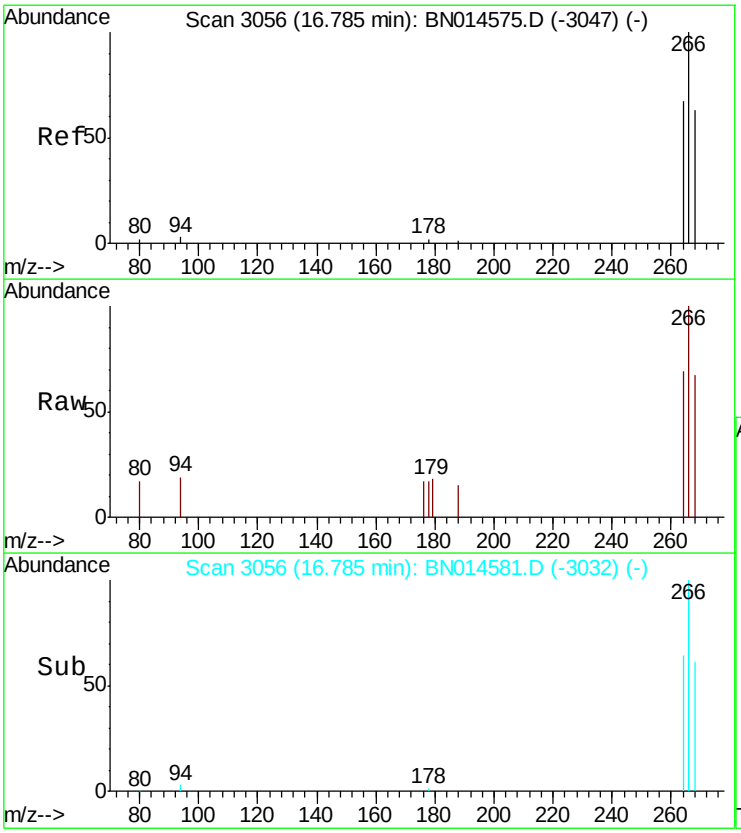
#12
Fluorene
Concen: 0.334 ng/ul
RT: 15.44 min Scan# 2749
Delta R.T. -0.00 min
Lab File: BN014581.D
Acq: 12 May 2021 17:50

Instrument :
BNA_N
ClientSampleId :
SLCS056

Tgt Ion:166 Resp: 1906

Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.6	118.0
167	16.8	13.2	19.8

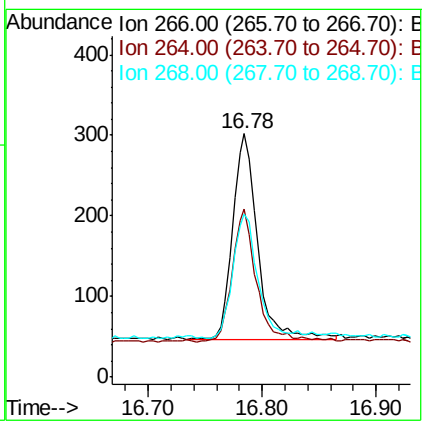


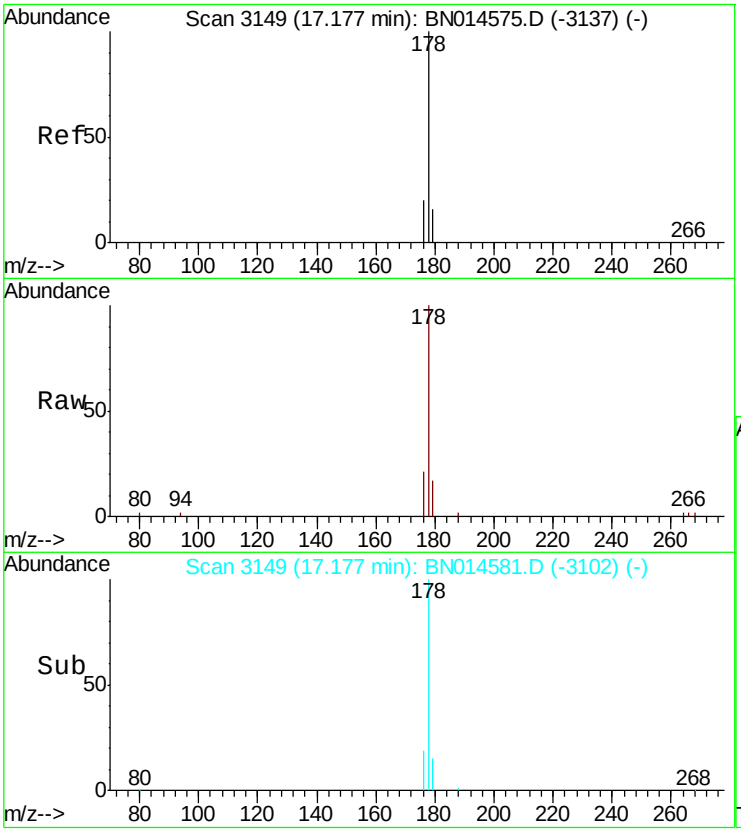


#14
Pentachlorophenol
Concen: 0.589 ng/ul
RT: 16.78 min Scan# 3056
Delta R.T. -0.00 min
Lab File: BN014581.D
Acq: 12 May 2021 17:50

Tgt Ion:266 Resp: 387

Ion	Ratio	Lower	Upper
266	100		
264	63.3	49.4	74.2
268	60.7	49.1	73.7



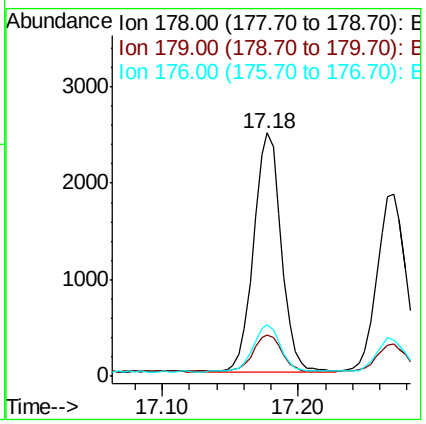


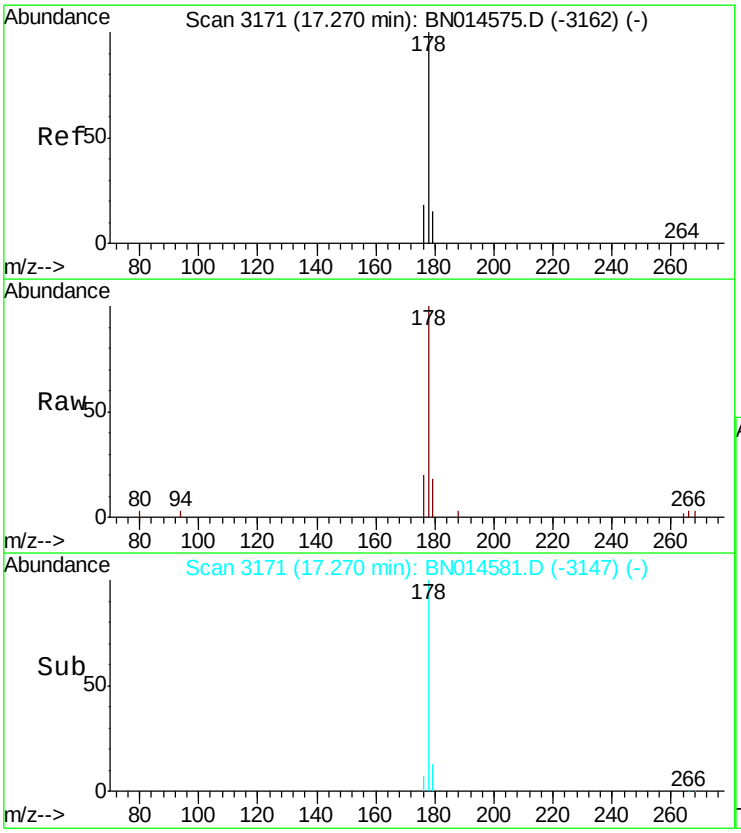
#15
Phenanthrene
Concen: 0.347 ng/ul
RT: 17.18 min Scan# 3149
Delta R.T. -0.00 min
Lab File: BN014581.D
Acq: 12 May 2021 17:50

Instrument :
BNA_N
ClientSampleId :
SLCS056

Tgt Ion:178 Resp: 3507

Ion	Ratio	Lower	Upper
178	100		
179	17.0	14.1	21.1
176	21.1	16.9	25.3

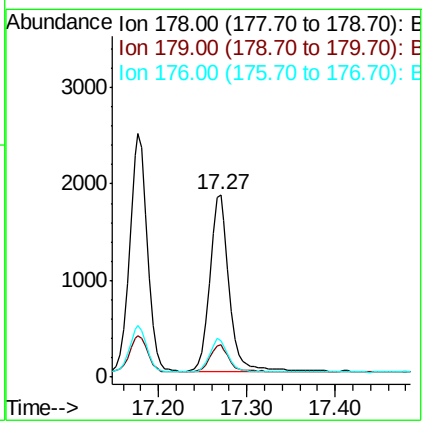


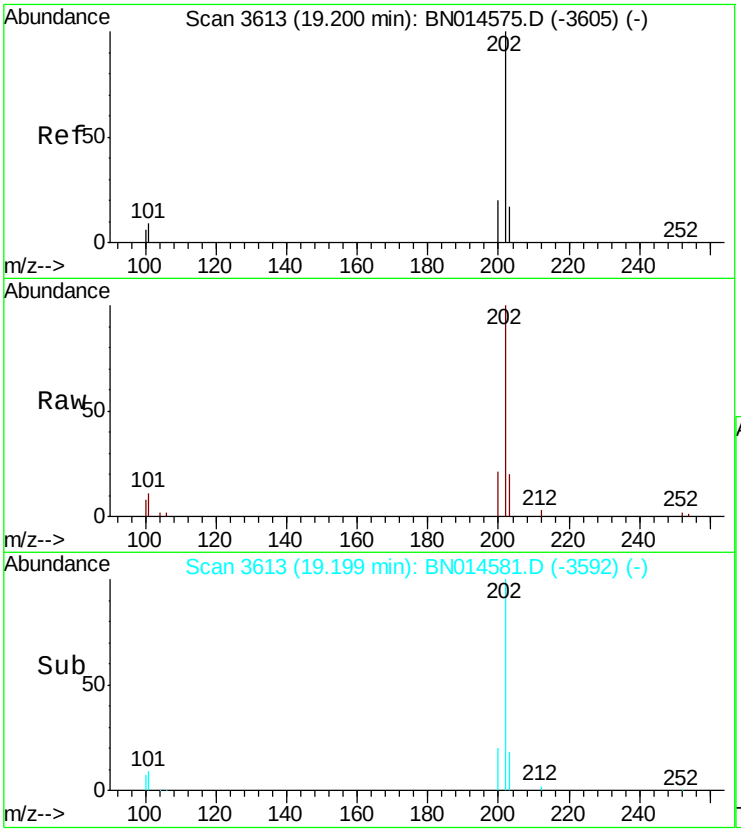


#16
Anthracene
Concen: 0.335 ng/ul
RT: 17.27 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BN014581.D
Acq: 12 May 2021 17:50

Tgt Ion:178 Resp: 2808

Ion	Ratio	Lower	Upper
178	100		
179	18.1	14.1	21.1
176	19.9	15.8	23.6



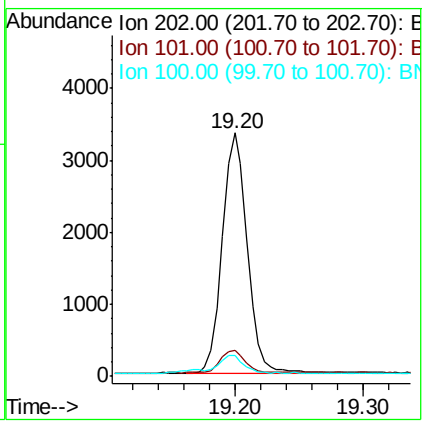


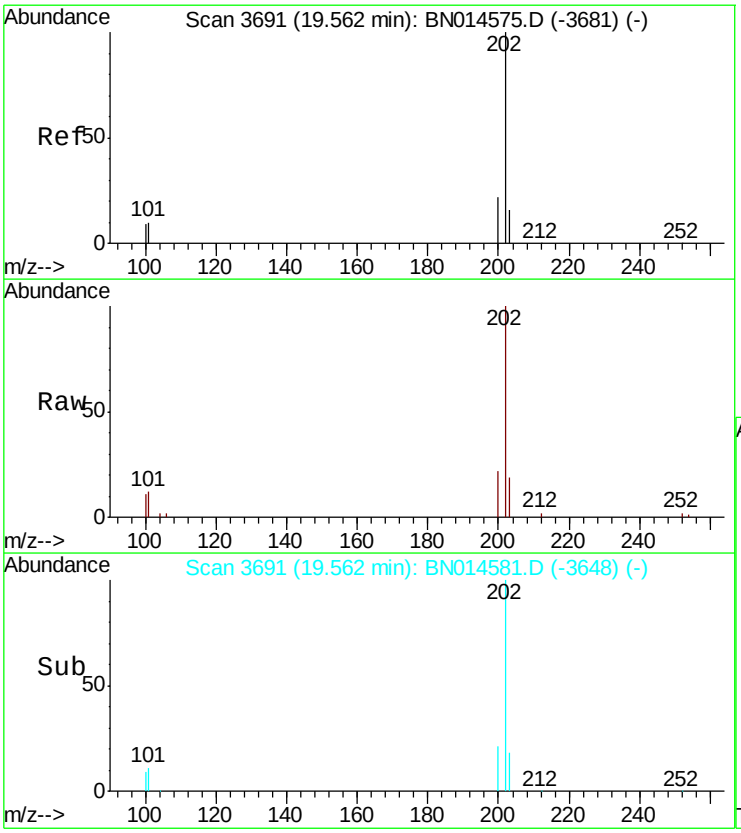
#19
Fluoranthene
Concen: 0.379 ng/ul
RT: 19.20 min Scan# 3613
Delta R.T. -0.00 min
Lab File: BN014581.D
Acq: 12 May 2021 17:50

Instrument :
BNA_N
ClientSampleId :
SLCS056

Tgt Ion:202 Resp: 4475

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.3	12.5
100	8.5	6.7	10.1

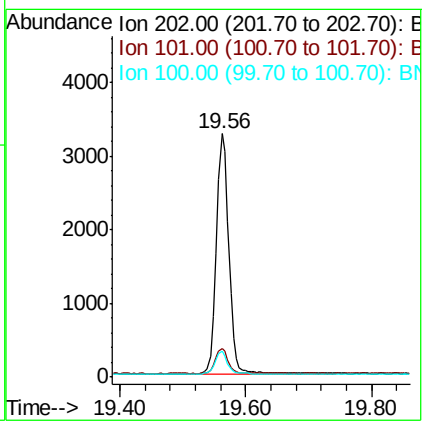


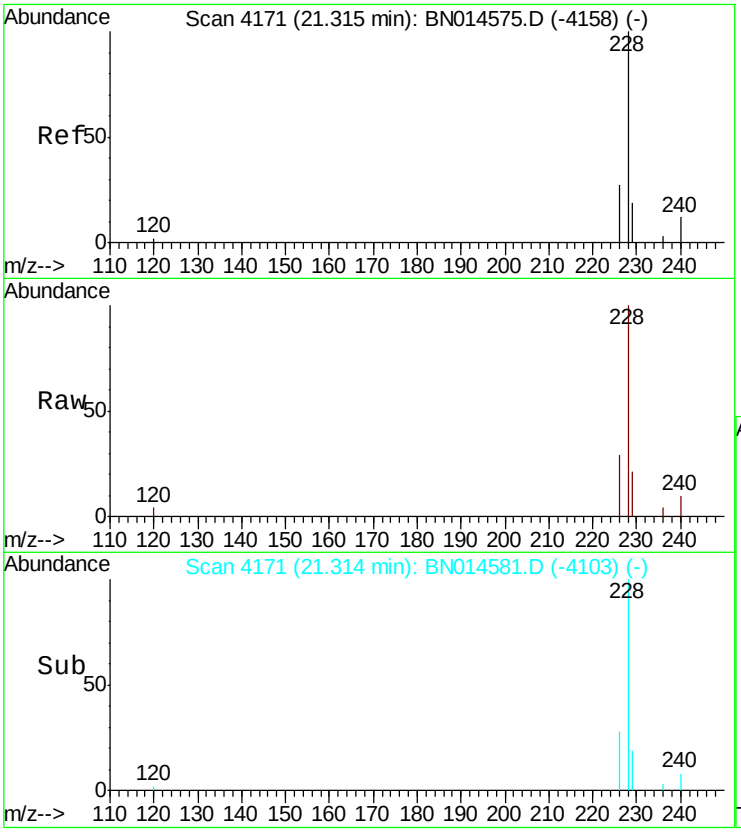


#20
Pyrene
Concen: 0.382 ng/ul
RT: 19.56 min Scan# 3691
Delta R.T. -0.00 min
Lab File: BN014581.D
Acq: 12 May 2021 17:50

Tgt Ion:202 Resp: 4471

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.4	14.0
100	10.6	8.2	12.4



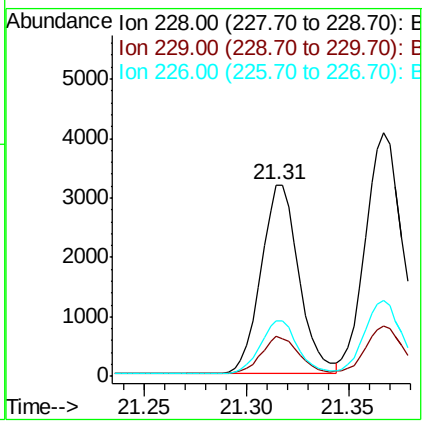


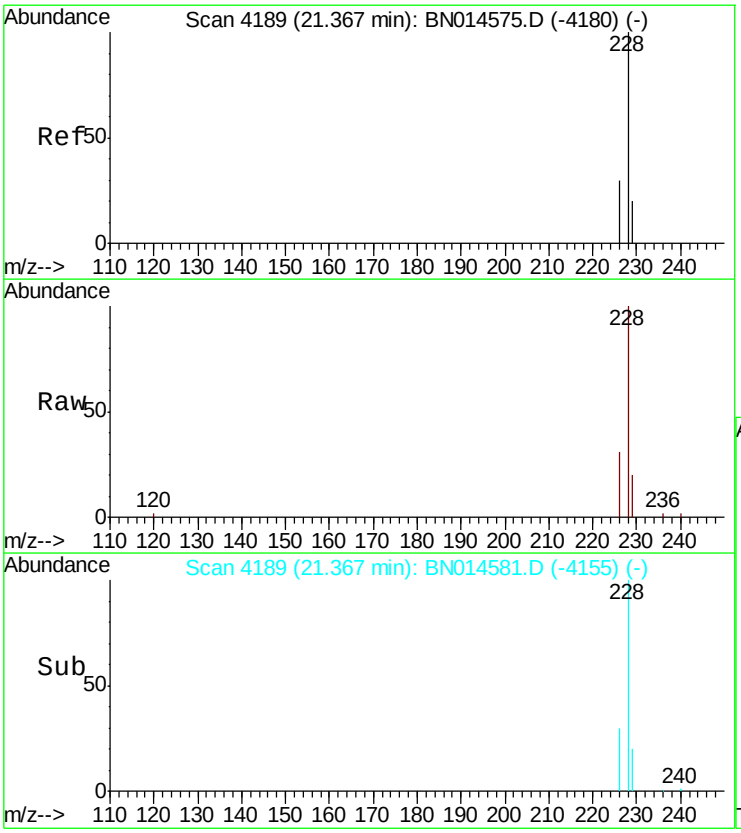
#21
Benzo(a)anthracene
Concen: 0.376 ng/ul
RT: 21.31 min Scan# 4171
Delta R.T. -0.00 min
Lab File: BN014581.D
Acq: 12 May 2021 17:50

Instrument :
BNA_N
ClientSampleId :
SLCS056

Tgt Ion:228 Resp: 4117

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.0	24.0
226	28.9	22.2	33.2

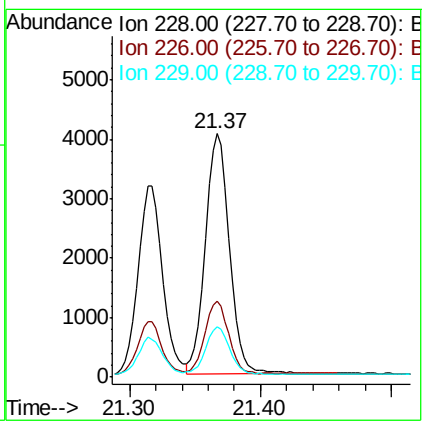


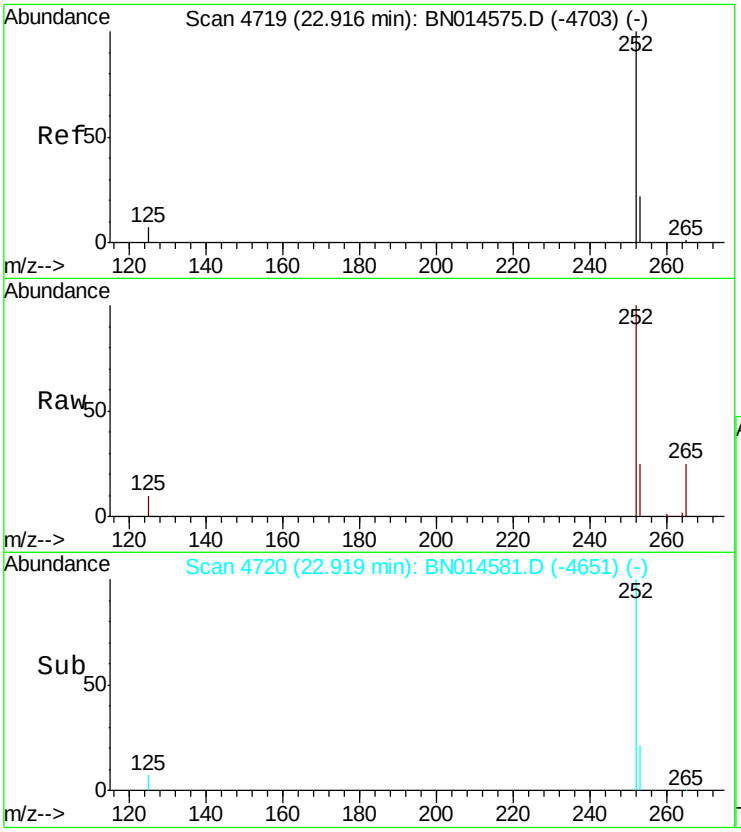


#22
Chrysene
Concen: 0.394 ng/ul
RT: 21.37 min Scan# 4189
Delta R.T. -0.00 min
Lab File: BN014581.D
Acq: 12 May 2021 17:50

Tgt Ion:228 Resp: 5126

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	20.5	16.3	24.5



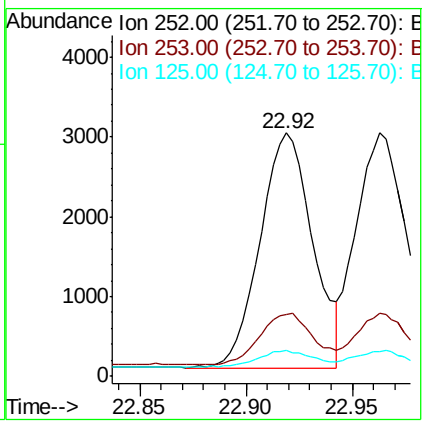


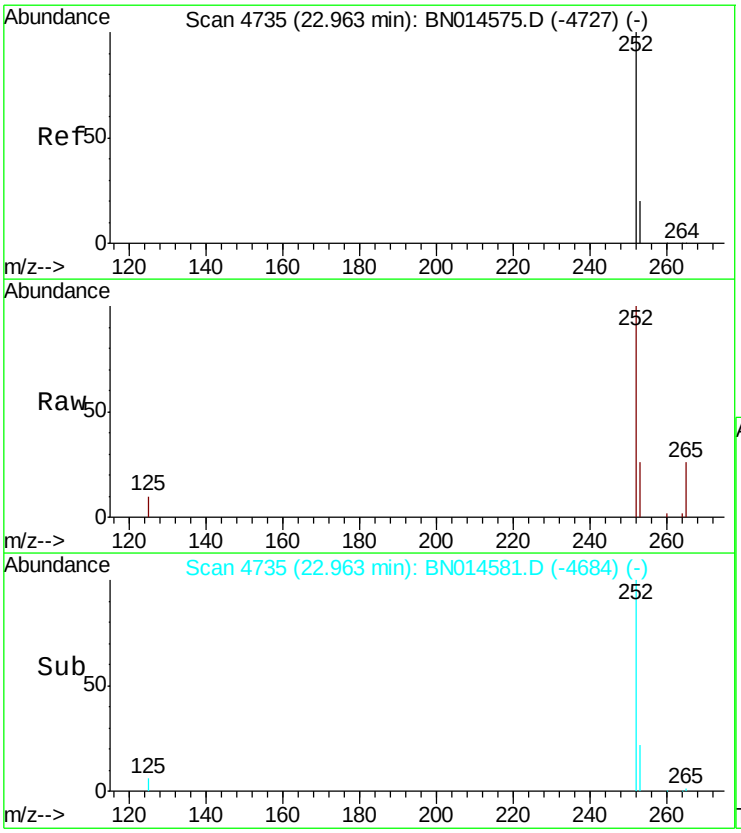
#24
Benzo(b)fluoranthene
Concen: 0.413 ng/ul
RT: 22.92 min Scan# 4720
Delta R.T. 0.00 min
Lab File: BN014581.D
Acq: 12 May 2021 17:50

Instrument :
BNA_N
ClientSampleId :
SLCS056

Tgt Ion:252 Resp: 5052

Ion	Ratio	Lower	Upper
252	100		
253	25.4	0.0	51.0
125	10.5	0.0	20.2

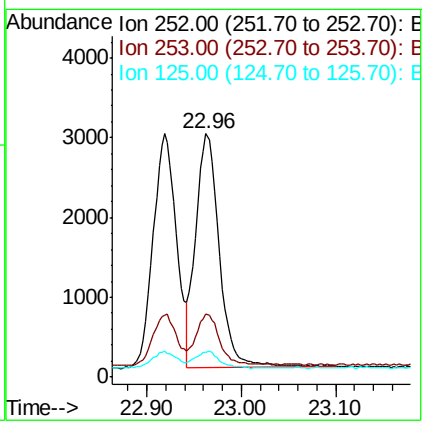


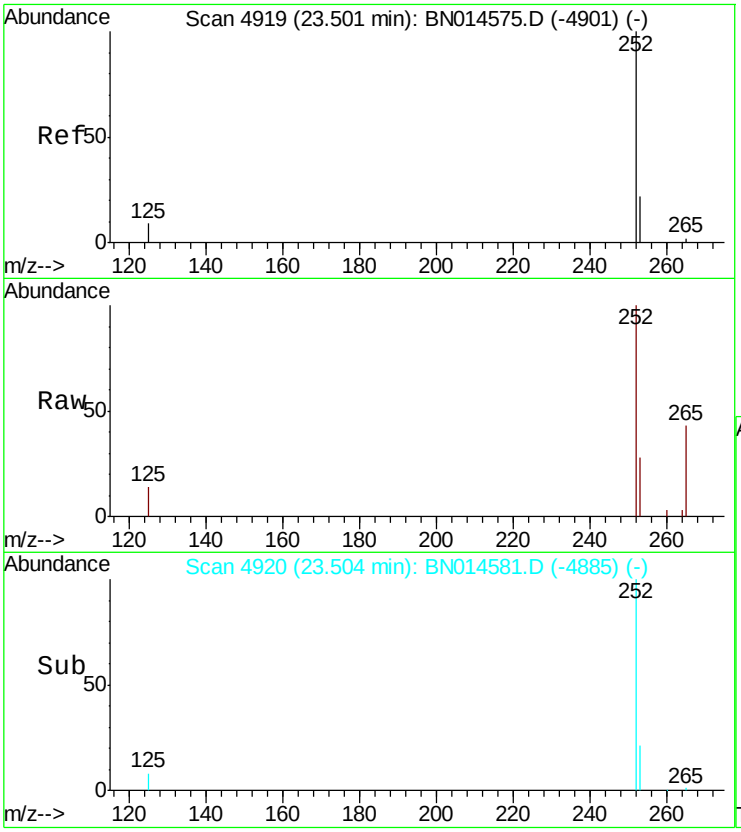


#25
Benzo(k)fluoranthene
Concen: 0.401 ng/ul
RT: 22.96 min Scan# 4735
Delta R.T. -0.00 min
Lab File: BN014581.D
Acq: 12 May 2021 17:50

Tgt Ion:252 Resp: 5122

Ion	Ratio	Lower	Upper
252	100		
253	25.9	20.2	30.2
125	10.0	8.4	12.6



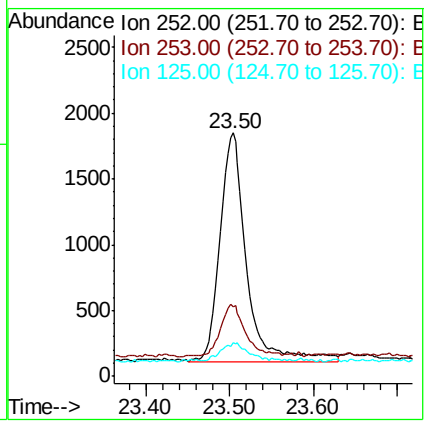


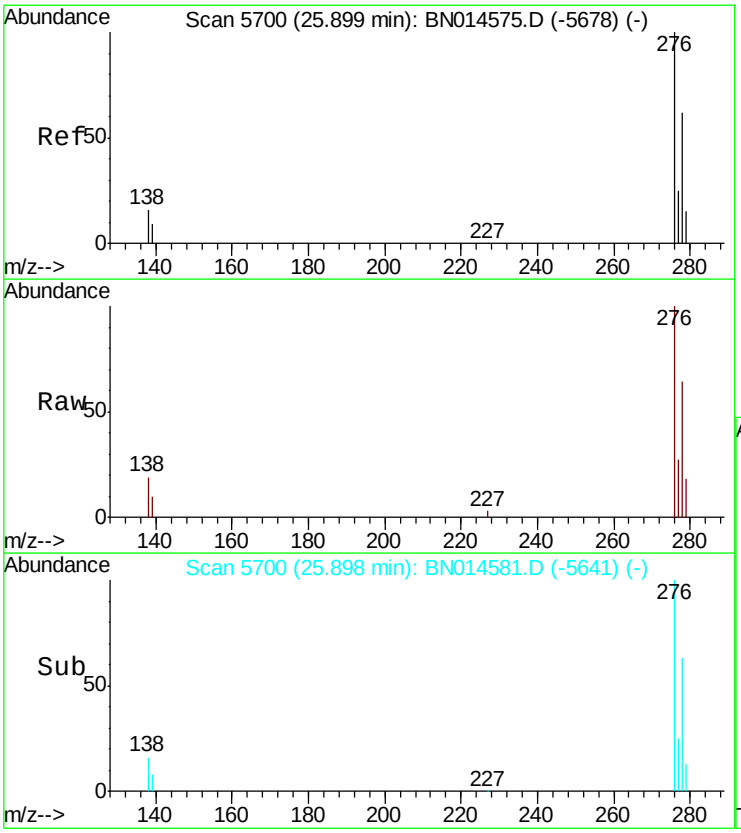
#26
Benzo(a)pyrene
Concen: 0.395 ng/ul
RT: 23.50 min Scan# 4920
Delta R.T. 0.00 min
Lab File: BN014581.D
Acq: 12 May 2021 17:50

Instrument :
BNA_N
ClientSampleId :
SLCS056

Tgt Ion:252 Resp: 3809

Ion	Ratio	Lower	Upper
252	100		
253	28.4	23.0	34.4
125	13.6	11.4	17.2

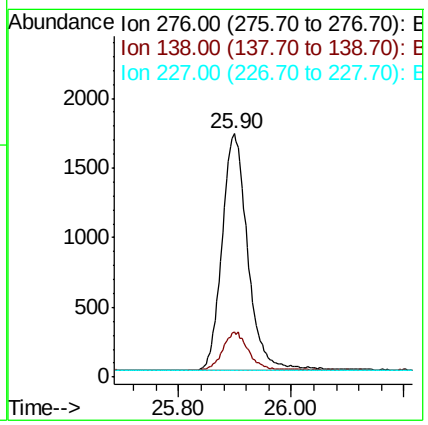


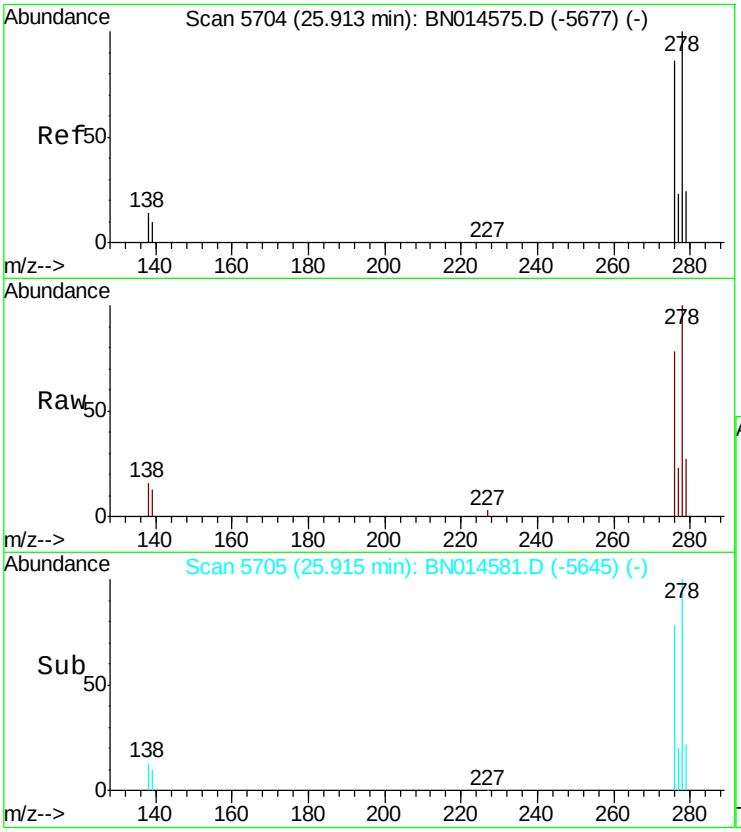


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.384 ng/ul
RT: 25.90 min Scan# 5700
Delta R.T. -0.00 min
Lab File: BN014581.D
Acq: 12 May 2021 17:50

Tgt Ion:276 Resp: 5418

Ion	Ratio	Lower	Upper
276	100		
138	16.3	14.1	21.1
227	0.1	0.0	0.0#



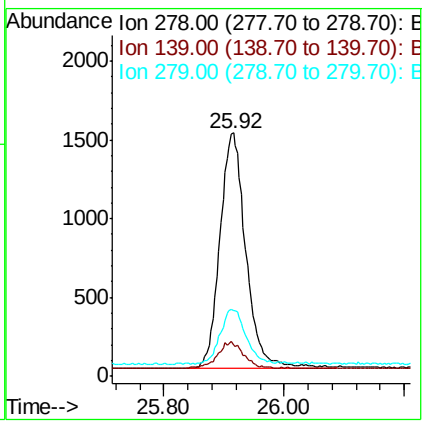


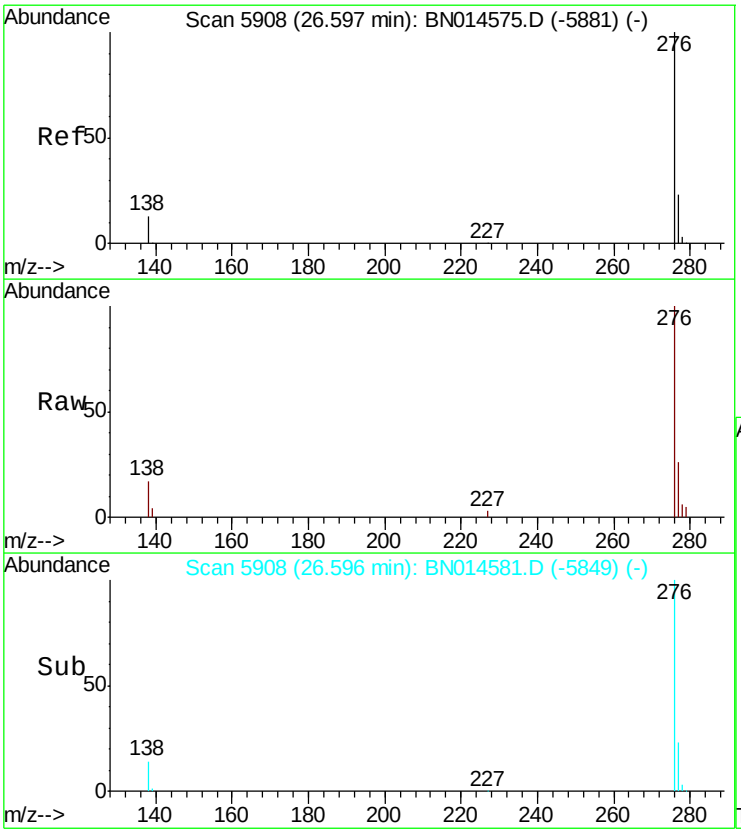
#28
Dibenzo(a,h)anthracene
Concen: 0.387 ng/ul
RT: 25.92 min Scan# 5705
Delta R.T. 0.00 min
Lab File: BN014581.D
Acq: 12 May 2021 17:50

Instrument :
BNA_N
ClientSampleId :
SLCS056

Tgt Ion:278 Resp: 4493

Ion	Ratio	Lower	Upper
278	100		
139	12.8	10.4	15.6
279	26.8	21.8	32.6





#29
Benzo(g,h,i)perylene
Concen: 0.407 ng/ul
RT: 26.60 min Scan# 5908
Delta R.T. -0.00 min
Lab File: BN014581.D
Acq: 12 May 2021 17:50

Tgt Ion:276 Resp: 4775

Ion	Ratio	Lower	Upper
276	100		
138	17.1	12.6	18.8
277	25.8	20.9	31.3