Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051721\
Data File : BN014657.D
Acq On : 17 May 2021 17:57
Operator : CG/JU
Sample : PB136460BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SLCS460

Quant Time: May 18 01:22:40 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 : Fri May 14 15:50:11 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	454	0.40	ng/ul	0.00
4) Naphthalene-d8	10.52	136	1530	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.38	164	1036	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.13	188	2555	0.40	ng/ul	0.00
17) Chrysene-d12	21.32	240	2916	0.40	ng/ul	0.00
23) Perylene-d12	23.59	264	2636	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	309	0.66	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.11	152	844	0.32	ng/ul	0.00
18) Fluoranthene-d10	19.16	212	2800	0.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	805	1.654	ng/ul#	85
5) Naphthalene	10.56	128	1421	0.320	ng/ul	98
7) 2-Methylnaphthalene	12.18	142	1000	0.313	ng/ul	100
8) 1-Methylnaphthalene	12.40	142	969	0.314	ng/ul	100
10) Acenaphthylene	14.09	152	1155	0.308	ng/ul	99
11) Acenaphthene	14.44	153	1133	0.318	ng/ul	96
12) Fluorene	15.43	166	1354	0.309	ng/ul	99
14) Pentachlorophenol	16.78	266	239	0.665	ng/ul	90
15) Phenanthrene	17.17	178	2554	0.321	ng/ul	99
16) Anthracene	17.26	178	2072	0.334	ng/ul	99
19) Fluoranthene	19.19	202	3312	0.366	ng/ul	98
20) Pyrene	19.55	202	3372	0.368	ng/ul	97
21) Benzo(a)anthracene	21.31	228	3171	0.344	ng/ul	99
22) Chrysene	21.36	228	4028	0.382	ng/ul	98
24) Benzo(b)fluoranthene	22.91	252	4063	0.351	ng/ul	96
25) Benzo(k)fluoranthene	22.95	252	4368	0.358	ng/ul	99
26) Benzo(a)pyrene	23.49	252	3366	0.380	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.87	276	4853	0.385	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.90	278	3937	0.390	ng/ul	99
29) Benzo(g,h,i)perylene	26.57	276	4035	0.375	ng/ul	98

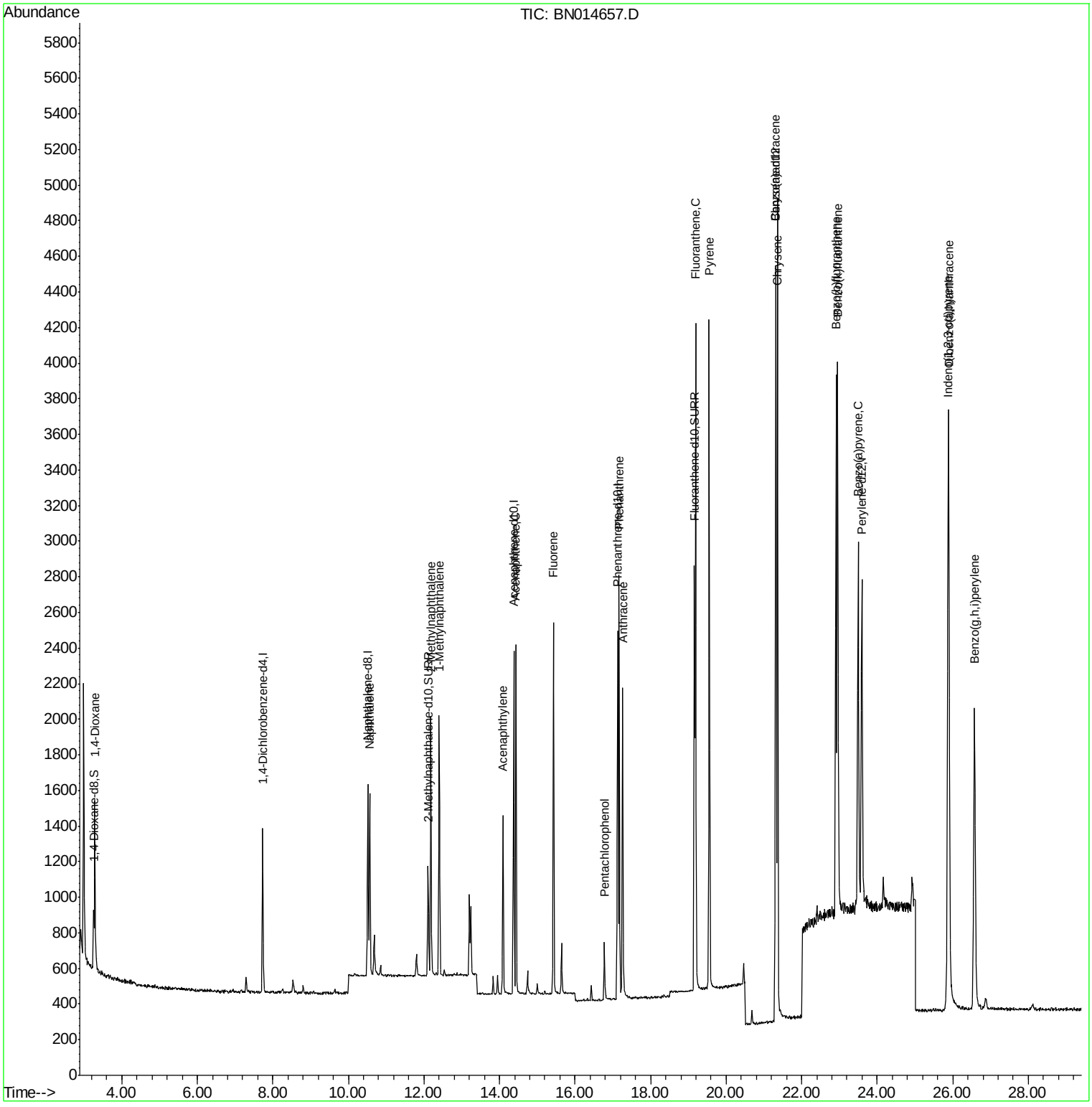
(#) = qualifier out of range (m) = manual integration (+) = signals summed

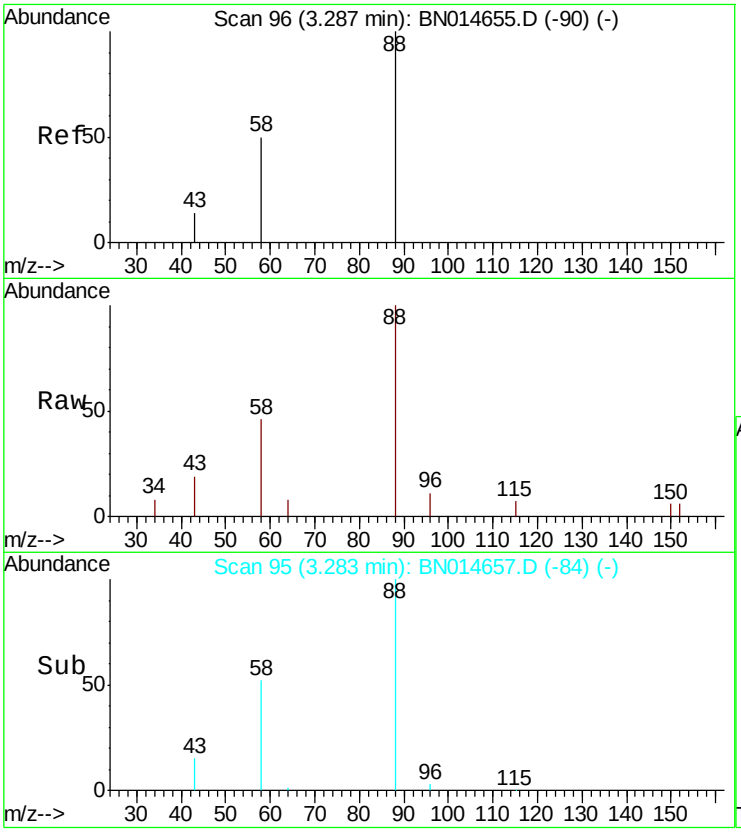
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051721\
Data File : BN014657.D
Acq On : 17 May 2021 17:57
Operator : CG/JU
Sample : PB136460BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS460

Quant Time: May 18 01:22:40 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 : Fri May 14 15:50:11 2021
Response via : Initial Calibration



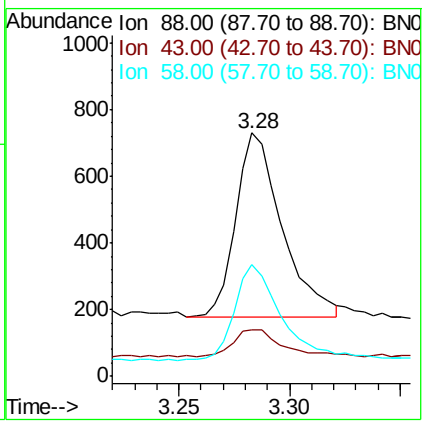


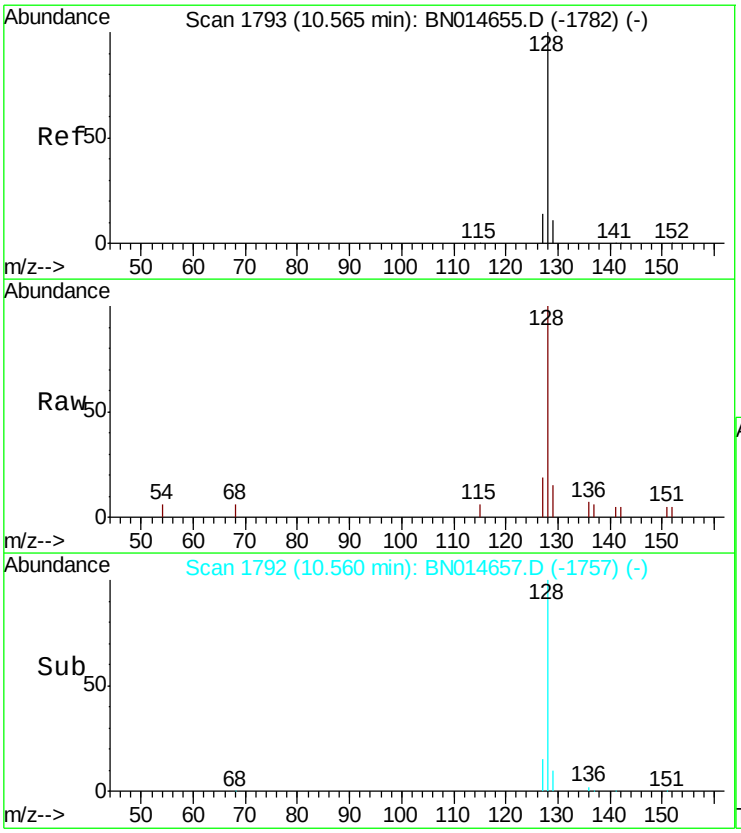
#2
1,4-Dioxane
Concen: 1.654 ng/ul
RT: 3.28 min Scan# 95
Delta R.T. -0.00 min
Lab File: BN014657.D
Acq: 17 May 2021 17:57

Instrument :
BNA_N
ClientSampleId :
SLCS460

Tgt Ion: 88 Resp: 805

Ion	Ratio	Lower	Upper
88	100		
43	19.3	22.5	33.7#
58	46.0	30.4	45.6#

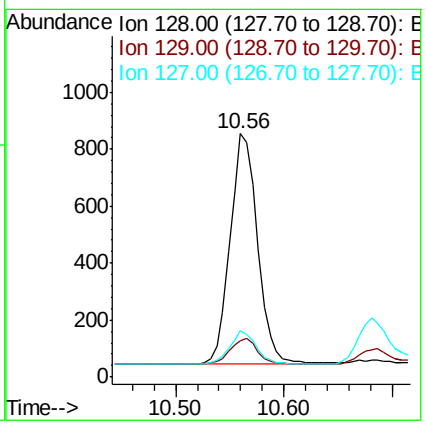


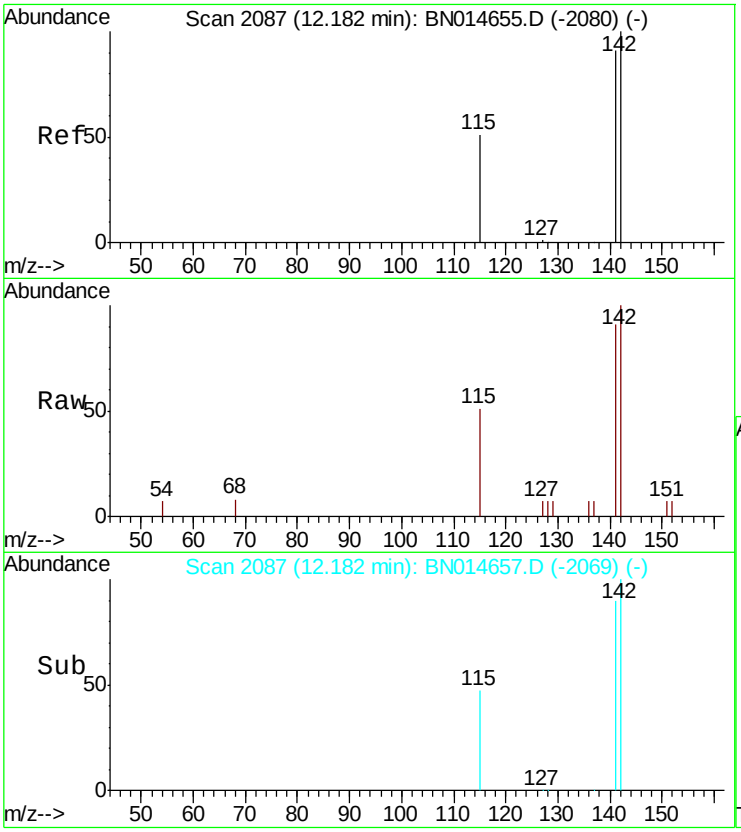


#5
Naphthalene
Concen: 0.320 ng/ul
RT: 10.56 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BN014657.D
Acq: 17 May 2021 17:57

Tgt Ion:128 Resp: 1421

Ion	Ratio	Lower	Upper
128	100		
129	14.9	10.9	16.3
127	19.1	15.7	23.5



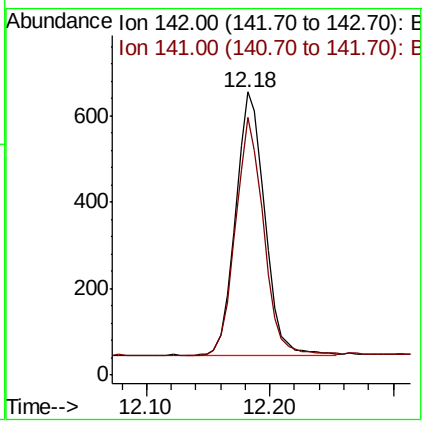


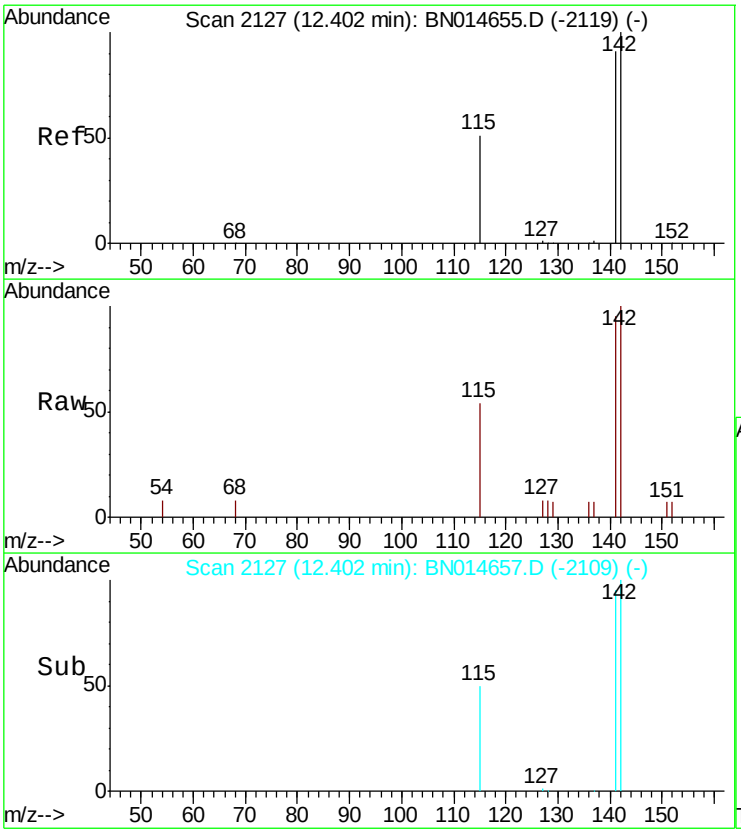
#7
2-Methylnaphthalene
Concen: 0.313 ng/ul
RT: 12.18 min Scan# 2087
Delta R.T. -0.00 min
Lab File: BN014657.D
Acq: 17 May 2021 17:57

Instrument :
BNA_N
ClientSampleId :
SLCS460

Tgt Ion:142 Resp: 1000

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.2	105.2

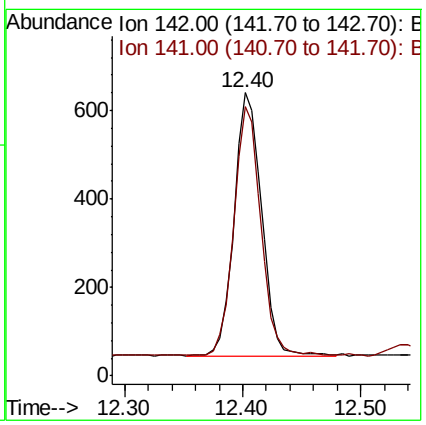


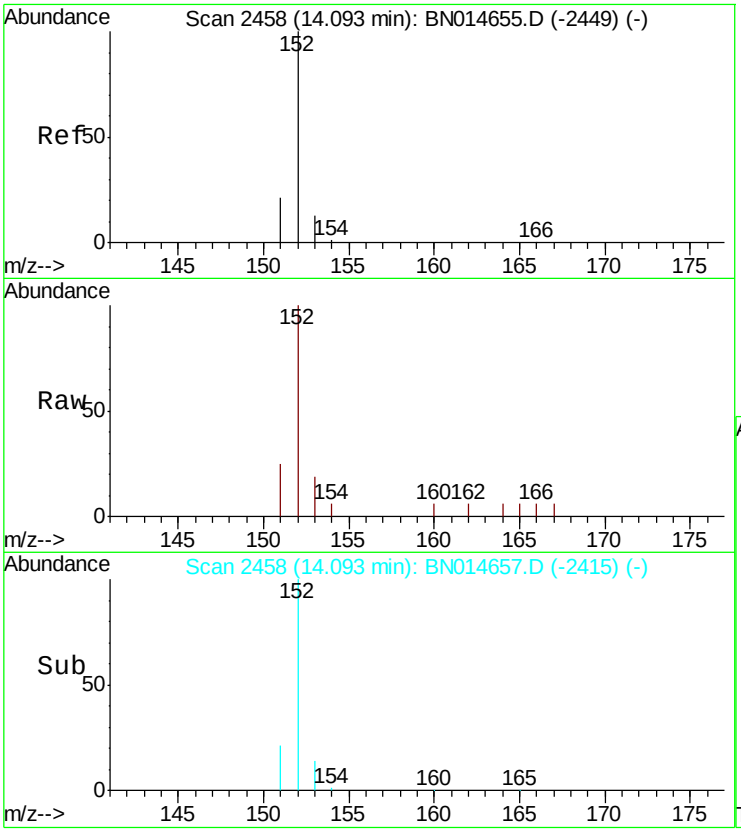


#8
1-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.40 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BN014657.D
Acq: 17 May 2021 17:57

Tgt Ion:142 Resp: 969

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.9	110.9



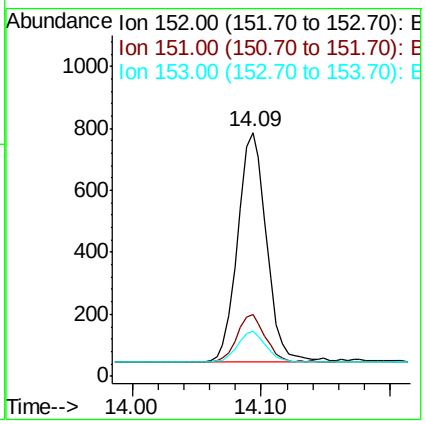


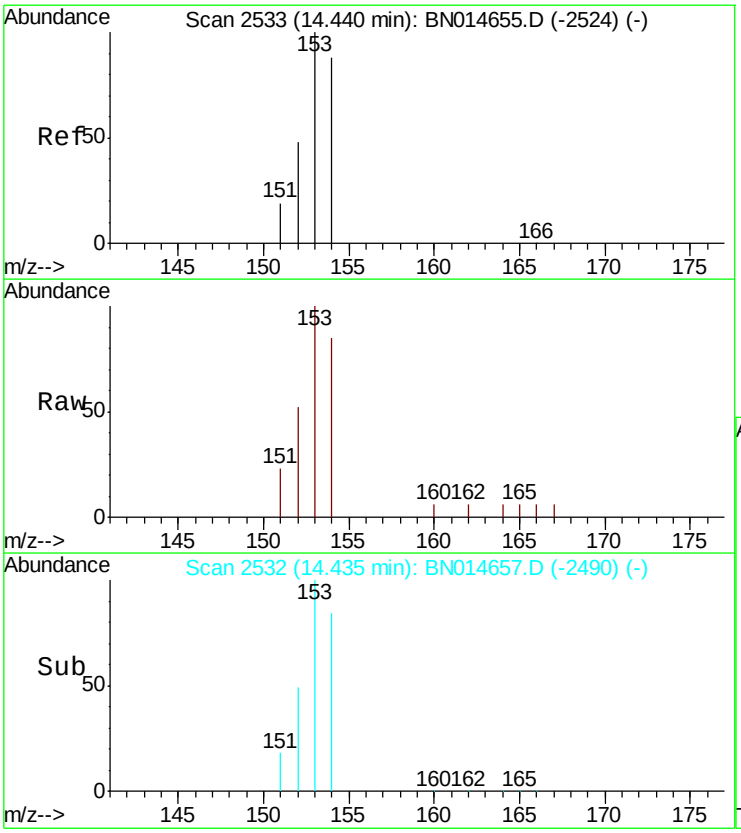
#10
Acenaphthylene
Concen: 0.308 ng/ul
RT: 14.09 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BN014657.D
Acq: 17 May 2021 17:57

Instrument :
BNA_N
ClientSampleId :
SLCS460

Tgt Ion:152 Resp: 1155

Ion	Ratio	Lower	Upper
152	100		
151	25.3	20.2	30.4
153	18.6	14.2	21.4

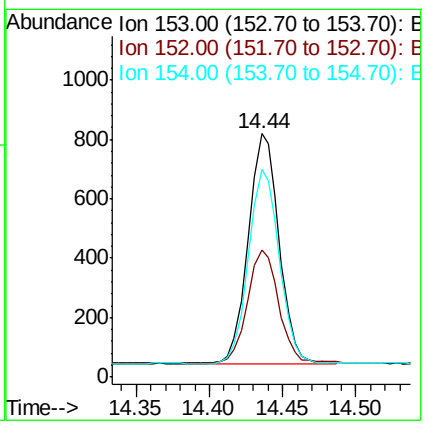


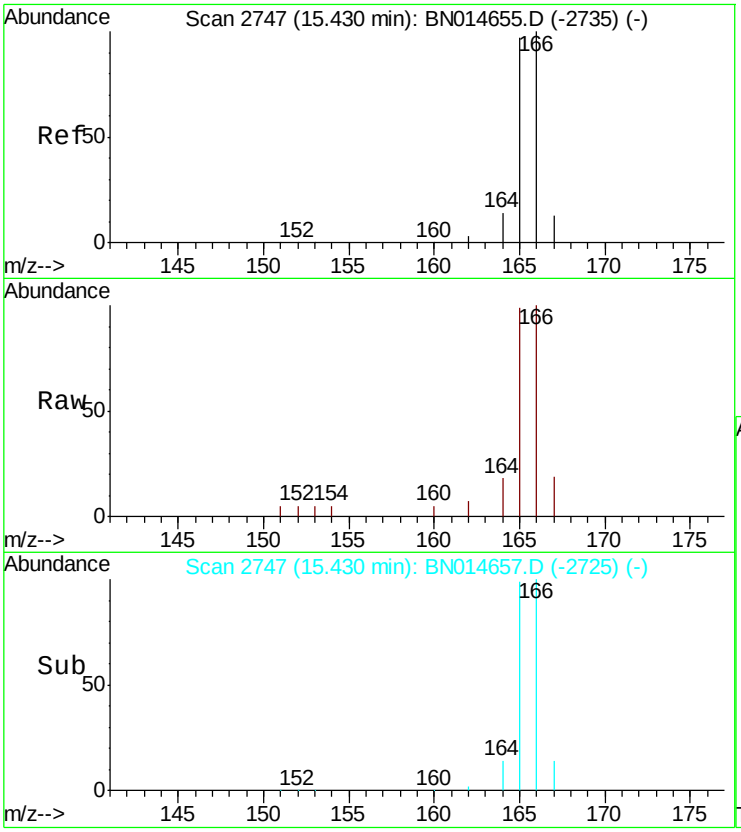


#11
Acenaphthene
Concen: 0.318 ng/ul
RT: 14.44 min Scan# 2532
Delta R.T. -0.00 min
Lab File: BN014657.D
Acq: 17 May 2021 17:57

Tgt Ion:153 Resp: 1133

Ion	Ratio	Lower	Upper
153	100		
152	52.4	39.7	59.5
154	85.2	71.0	106.4



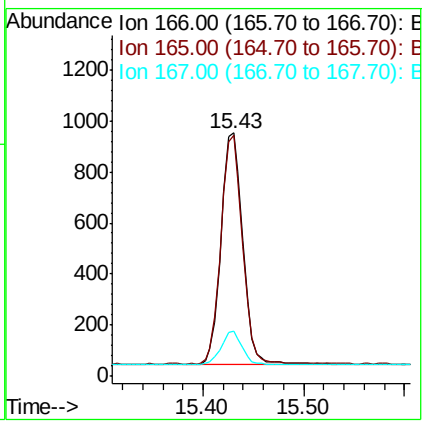


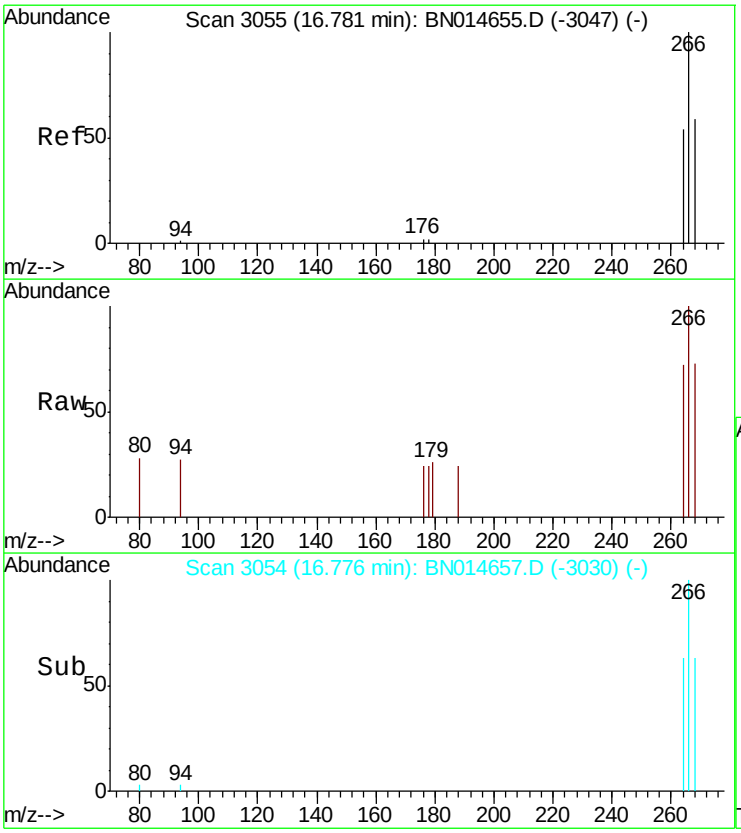
#12
Fluorene
Concen: 0.309 ng/ul
RT: 15.43 min Scan# 2747
Delta R.T. -0.00 min
Lab File: BN014657.D
Acq: 17 May 2021 17:57

Instrument :
BNA_N
ClientSampleId :
SLCS460

Tgt Ion:166 Resp: 1354

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.3	118.9
167	18.6	13.8	20.6

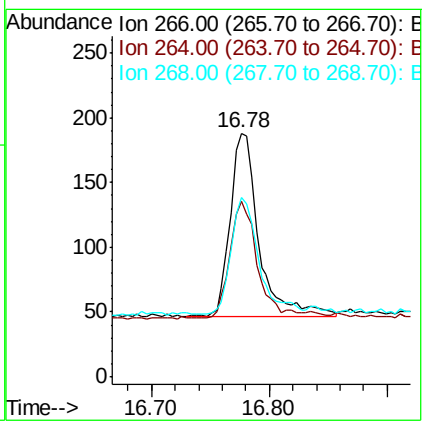


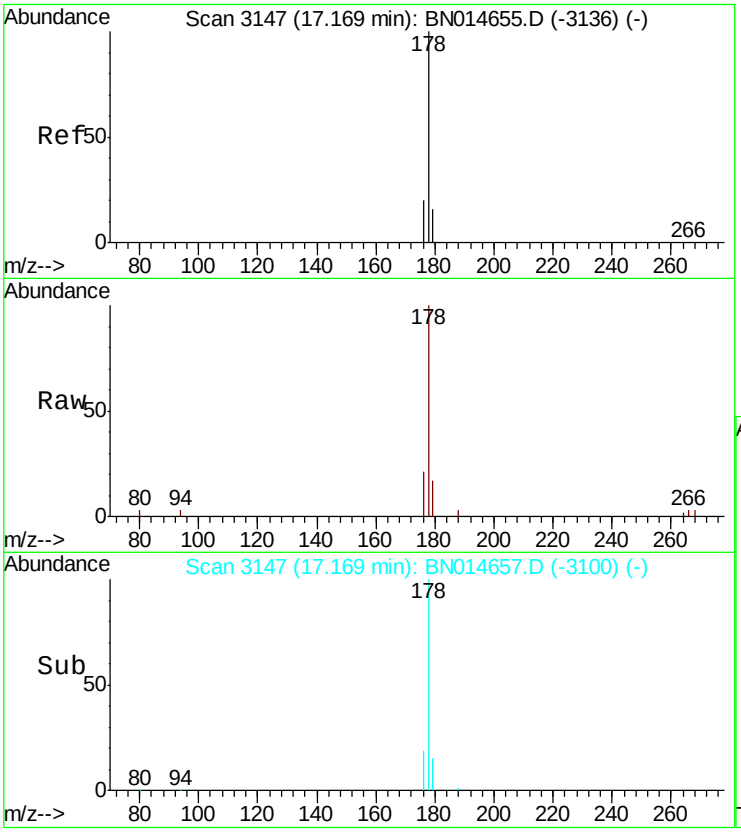


#14
Pentachlorophenol
Concen: 0.665 ng/ul
RT: 16.78 min Scan# 3054
Delta R.T. -0.00 min
Lab File: BN014657.D
Acq: 17 May 2021 17:57

Tgt Ion:266 Resp: 239

Ion	Ratio	Lower	Upper
266	100		
264	62.3	52.9	79.3
268	61.5	59.4	89.0



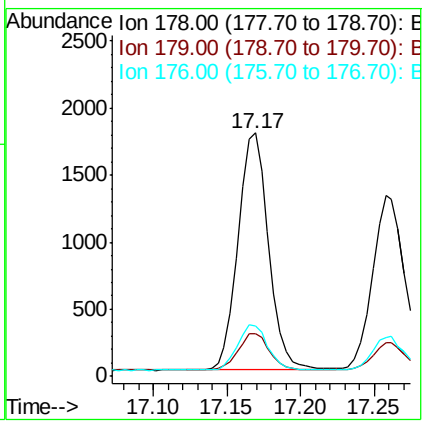


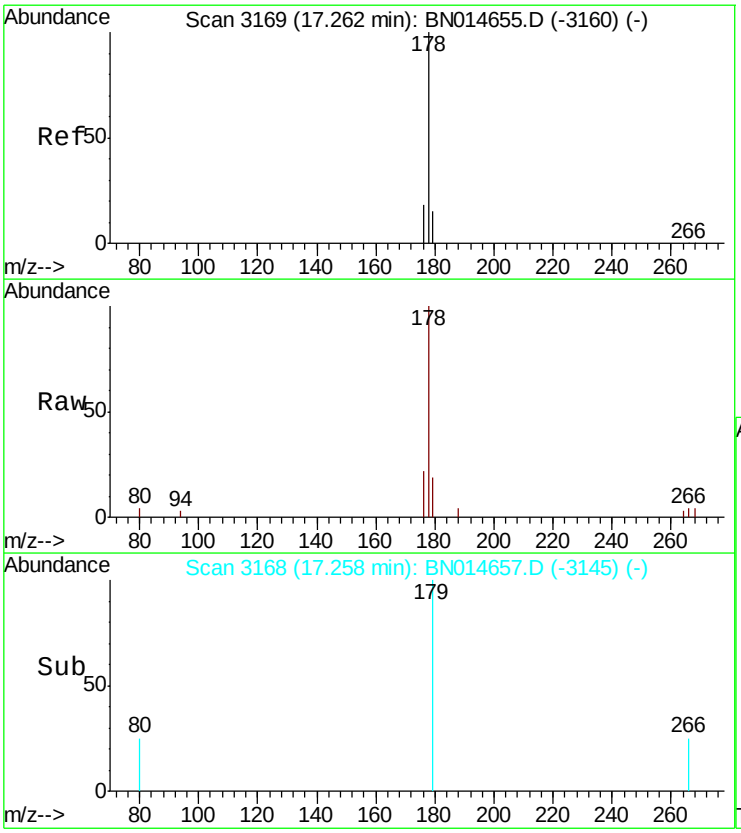
#15
Phenanthrene
Concen: 0.321 ng/ul
RT: 17.17 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BN014657.D
Acq: 17 May 2021 17:57

Instrument :
BNA_N
ClientSampleId :
SLCS460

Tgt Ion:178 Resp: 2554

Ion	Ratio	Lower	Upper
178	100		
179	17.4	13.8	20.6
176	20.7	16.2	24.4

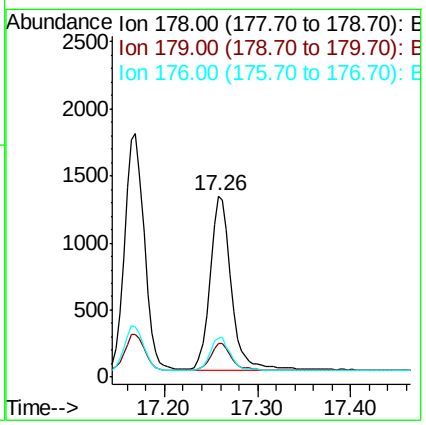


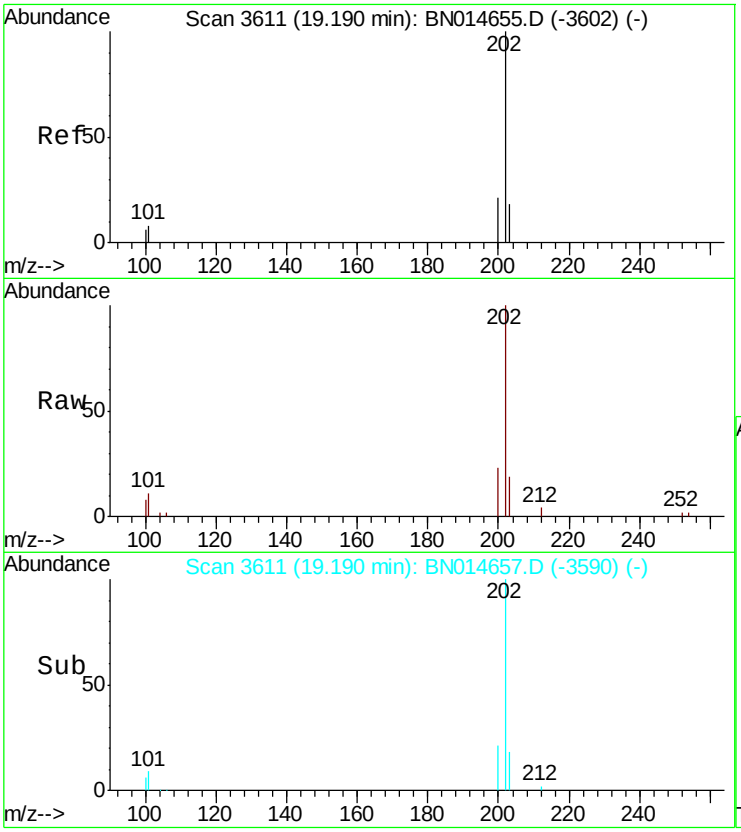


#16
Anthracene
Concen: 0.334 ng/ul
RT: 17.26 min Scan# 3168
Delta R.T. -0.00 min
Lab File: BN014657.D
Acq: 17 May 2021 17:57

Tgt Ion:178 Resp: 2072

Ion	Ratio	Lower	Upper
178	100		
179	18.5	14.3	21.5
176	21.6	17.1	25.7



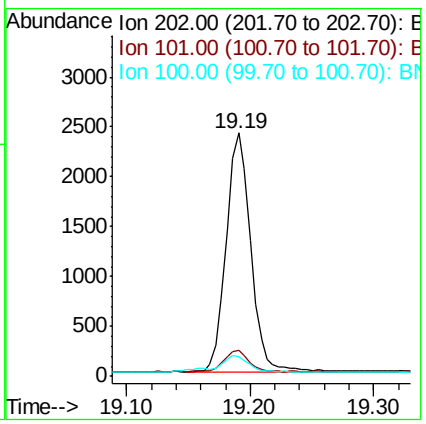


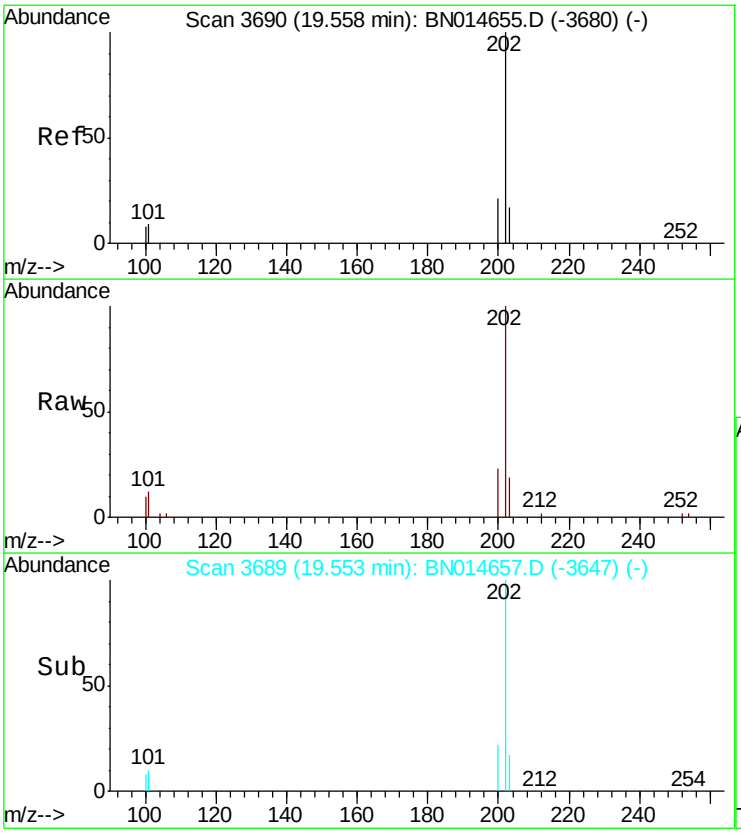
#19
Fluoranthene
Concen: 0.366 ng/ul
RT: 19.19 min Scan# 3611
Delta R.T. -0.00 min
Lab File: BN014657.D
Acq: 17 May 2021 17:57

Instrument :
BNA_N
ClientSampleId :
SLCS460

Tgt Ion:202 Resp: 3312

Ion	Ratio	Lower	Upper
202	100		
101	10.7	7.6	11.4
100	7.9	5.9	8.9

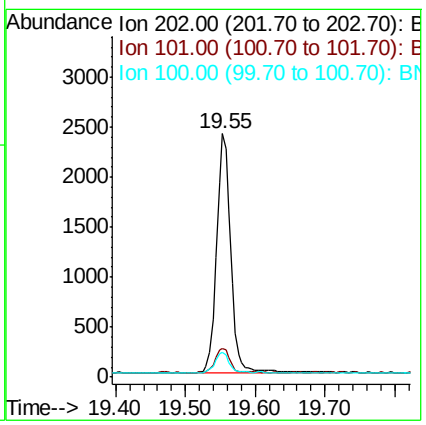


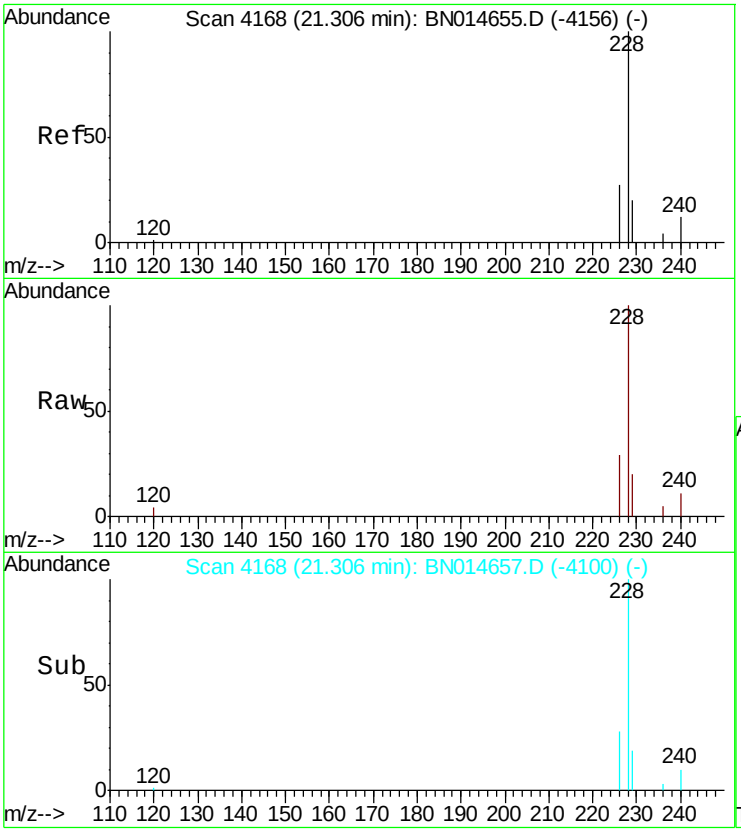


#20
Pyrene
Concen: 0.368 ng/ul
RT: 19.55 min Scan# 3689
Delta R.T. -0.00 min
Lab File: BN014657.D
Acq: 17 May 2021 17:57

Tgt Ion:202 Resp: 3372

Ion	Ratio	Lower	Upper
202	100		
101	11.7	8.5	12.7
100	10.1	7.4	11.2



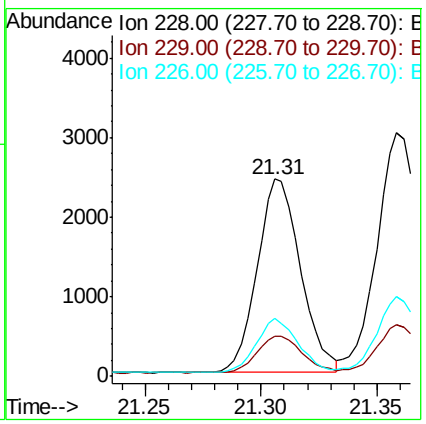


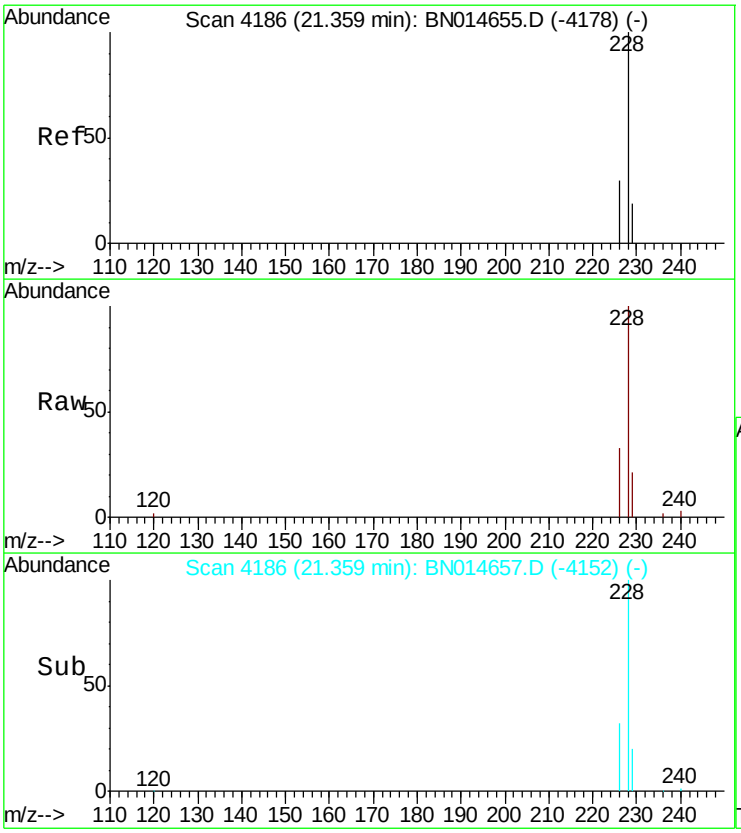
#21
Benzo(a)anthracene
Concen: 0.344 ng/ul
RT: 21.31 min Scan# 4168
Delta R.T. -0.00 min
Lab File: BN014657.D
Acq: 17 May 2021 17:57

Instrument :
BNA_N
ClientSampleId :
SLCS460

Tgt Ion:228 Resp: 3171

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.3	24.5
226	29.1	22.6	33.8

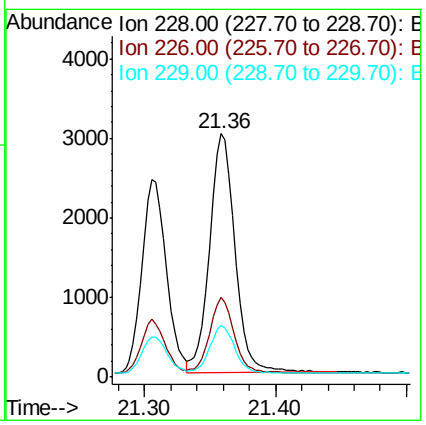


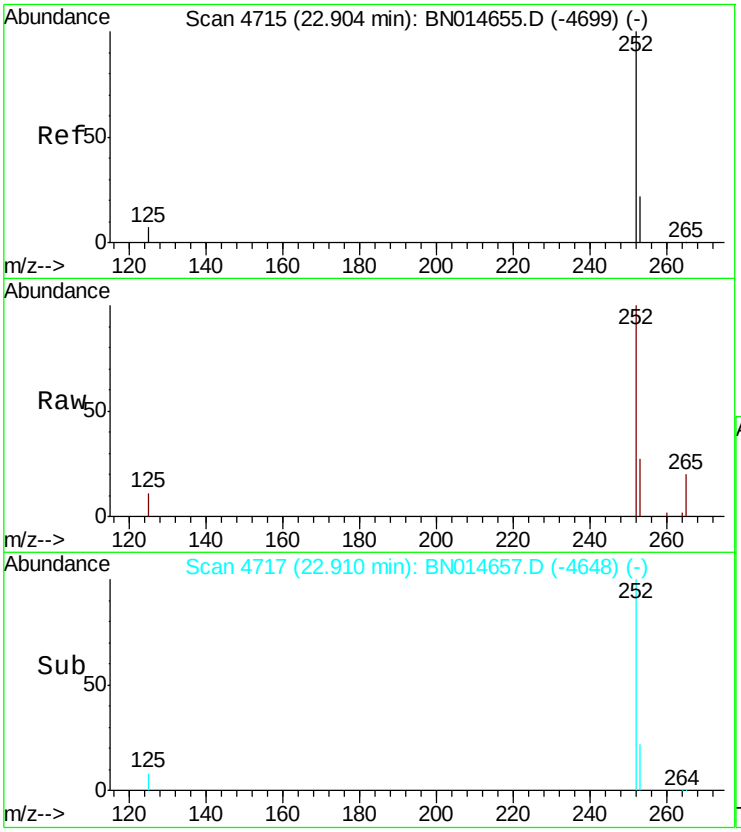


#22
Chrysene
Concen: 0.382 ng/ul
RT: 21.36 min Scan# 4186
Delta R.T. -0.00 min
Lab File: BN014657.D
Acq: 17 May 2021 17:57

Tgt Ion:228 Resp: 4028

Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.3	37.9
229	21.2	16.2	24.4



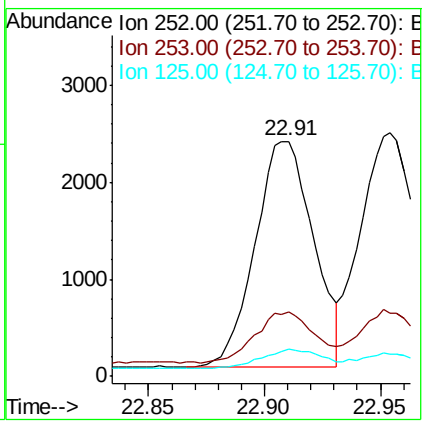


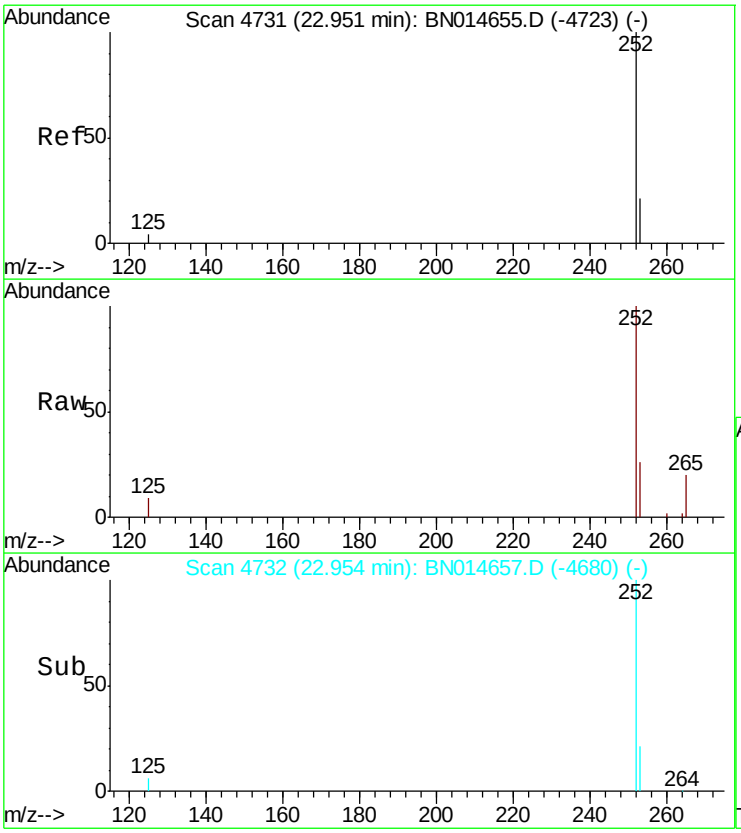
#24
Benzo(b)fluoranthene
Concen: 0.351 ng/ul
RT: 22.91 min Scan# 4717
Delta R.T. 0.00 min
Lab File: BN014657.D
Acq: 17 May 2021 17:57

Instrument :
BNA_N
ClientSampleId :
SLCS460

Tgt Ion:252 Resp: 4063

Ion	Ratio	Lower	Upper
252	100		
253	27.2	0.0	50.2
125	11.4	0.0	19.4

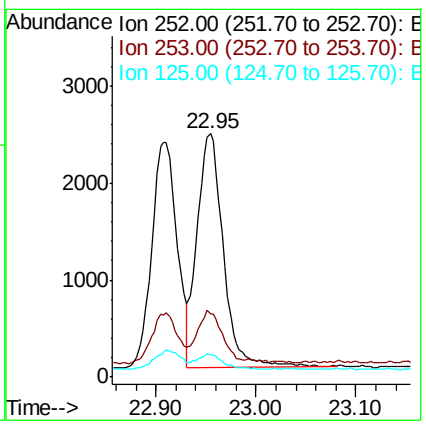


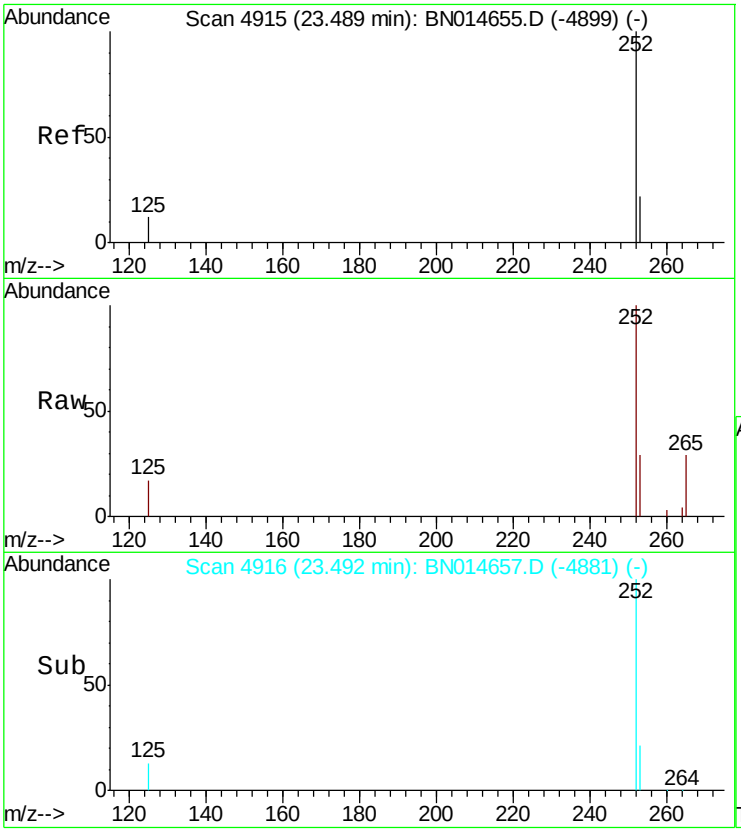


#25
Benzo(k)fluoranthene
Concen: 0.358 ng/ul
RT: 22.95 min Scan# 4732
Delta R.T. 0.00 min
Lab File: BN014657.D
Acq: 17 May 2021 17:57

Tgt Ion:252 Resp: 4368

Ion	Ratio	Lower	Upper
252	100		
253	26.1	20.5	30.7
125	9.4	6.9	10.3



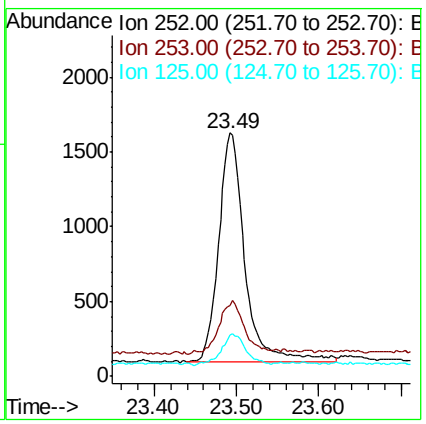


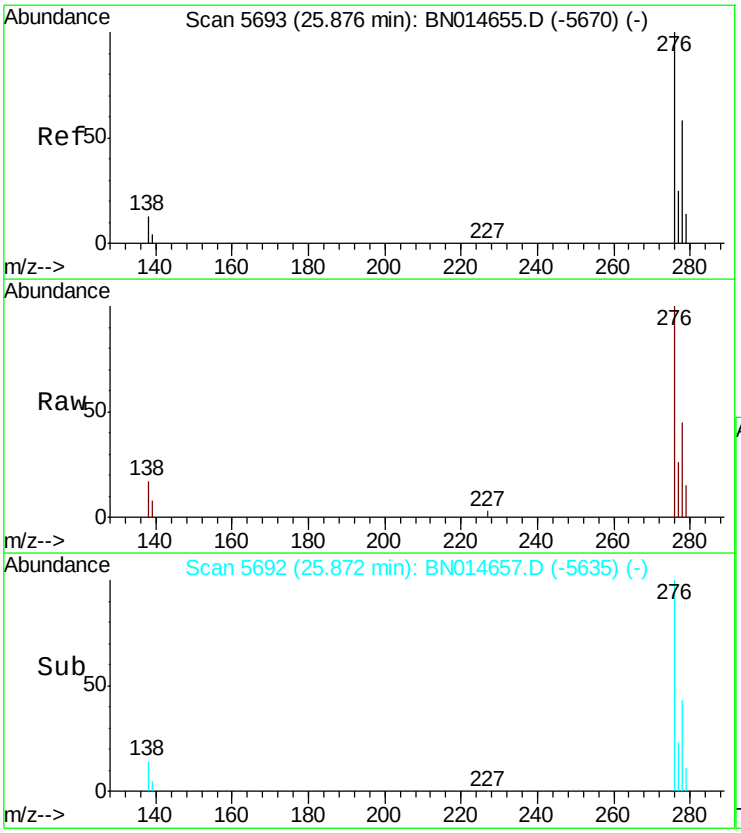
#26
Benzo(a)pyrene
Concen: 0.380 ng/ul
RT: 23.49 min Scan# 4916
Delta R.T. 0.00 min
Lab File: BN014657.D
Acq: 17 May 2021 17:57

Instrument :
BNA_N
ClientSampleId :
SLCS460

Tgt Ion:252 Resp: 3366

Ion	Ratio	Lower	Upper
252	100		
253	29.2	23.0	34.6
125	16.8	9.5	14.3#

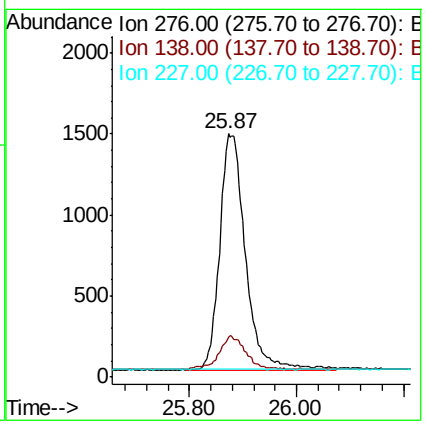


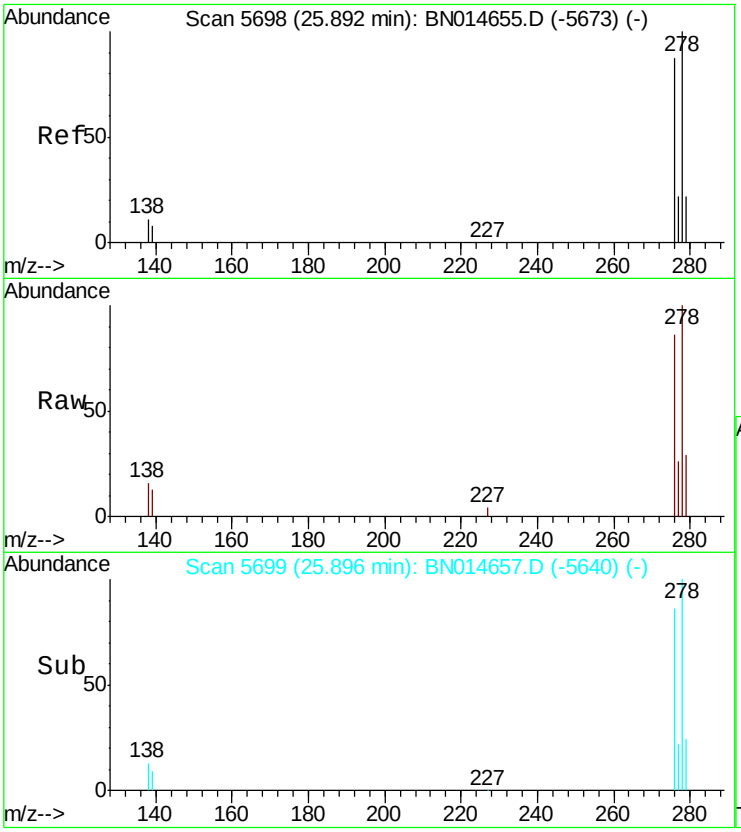


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.385 ng/ul
RT: 25.87 min Scan# 5692
Delta R.T. -0.01 min
Lab File: BN014657.D
Acq: 17 May 2021 17:57

Tgt Ion:276 Resp: 4853

Ion	Ratio	Lower	Upper
276	100		
138	14.7	10.9	16.3
227	0.0	0.1	0.1#



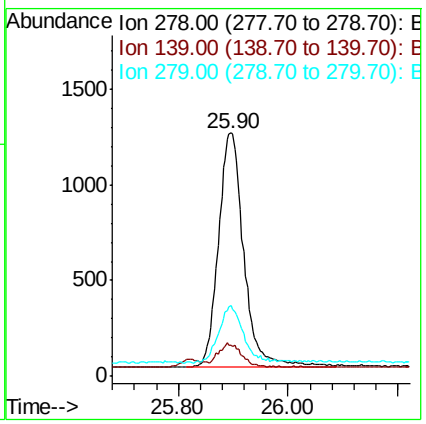


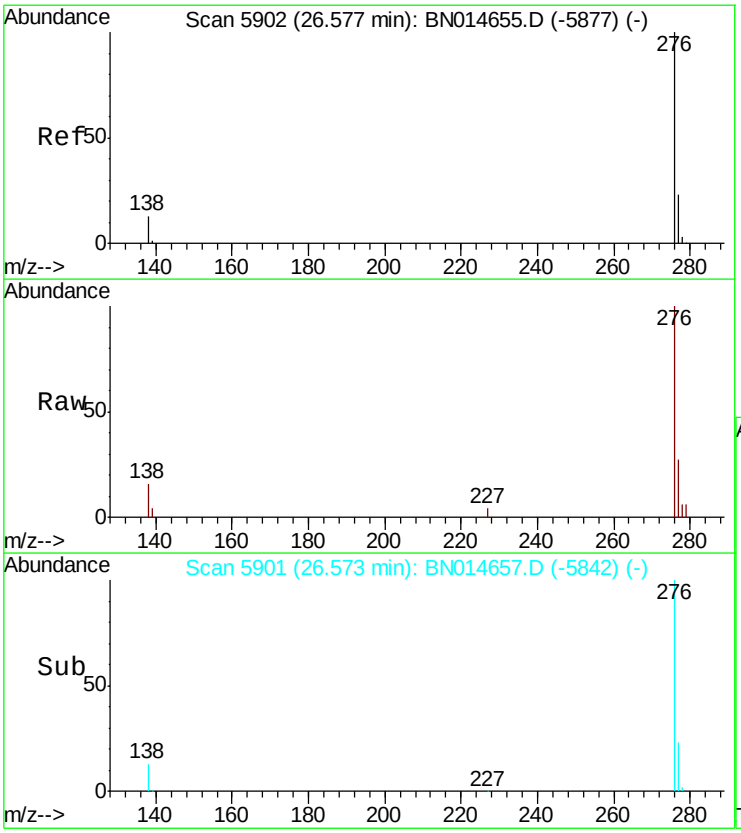
#28
Dibenzo(a,h)anthracene
Concen: 0.390 ng/ul
RT: 25.90 min Scan# 5699
Delta R.T. -0.00 min
Lab File: BN014657.D
Acq: 17 May 2021 17:57

Instrument :
BNA_N
ClientSampleId :
SLCS460

Tgt Ion:278 Resp: 3937

Ion	Ratio	Lower	Upper
278	100		
139	12.7	10.6	16.0
279	29.0	22.6	34.0





#29
Benzo(g,h,i)perylene
Concen: 0.375 ng/ul
RT: 26.57 min Scan# 5901
Delta R.T. -0.00 min
Lab File: BN014657.D
Acq: 17 May 2021 17:57

Tgt Ion:276 Resp: 4035

Ion	Ratio	Lower	Upper
276	100		
138	16.2	11.5	17.3
277	26.6	21.4	32.2