Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051321\
Data File : BN014612.D
Acq On : 14 May 2021 05:24
Operator : CG/JU
Sample : PB136058BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SLCS058

Quant Time: May 14 05:58:45 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 : Fri May 14 01:39:05 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	695	0.40	ng/ul	0.00
4) Naphthalene-d8	10.52	136	2829	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.38	164	1748	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.13	188	3995	0.40	ng/ul	0.00
17) Chrysene-d12	21.33	240	4059	0.40	ng/ul	0.00
23) Perylene-d12	23.59	264	3530	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	224	0.31	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.12	152	1632	0.34	ng/ul	0.00
18) Fluoranthene-d10	19.17	212	4251	0.39	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	550	0.694	ng/ul#	56
5) Naphthalene	10.57	128	2776	0.341	ng/ul	97
7) 2-Methylnaphthalene	12.19	142	1910	0.327	ng/ul	98
8) 1-Methylnaphthalene	12.41	142	1848	0.329	ng/ul	97
10) Acenaphthylene	14.10	152	2440	0.366	ng/ul	99
11) Acenaphthene	14.44	153	2042	0.341	ng/ul	95
12) Fluorene	15.43	166	2376	0.328	ng/ul	98
14) Pentachlorophenol	16.78	266	364	0.465	ng/ul	97
15) Phenanthrene	17.17	178	4339	0.360	ng/ul	96
16) Anthracene	17.26	178	3305	0.331	ng/ul	98
19) Fluoranthene	19.20	202	5391	0.406	ng/ul	99
20) Pyrene	19.56	202	5022	0.382	ng/ul	99
21) Benzo(a)anthracene	21.31	228	4582	0.373	ng/ul	98
22) Chrysene	21.36	228	5912	0.405	ng/ul	100
24) Benzo(b)fluoranthene	22.91	252	5761	0.390	ng/ul	97
25) Benzo(k)fluoranthene	22.95	252	6588	0.427	ng/ul	98
26) Benzo(a)pyrene	23.50	252	4807	0.413	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.88	276	6886	0.404	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.90	278	5350	0.381	ng/ul	99
29) Benzo(g,h,i)perylene	26.58	276	5388	0.380	ng/ul	99

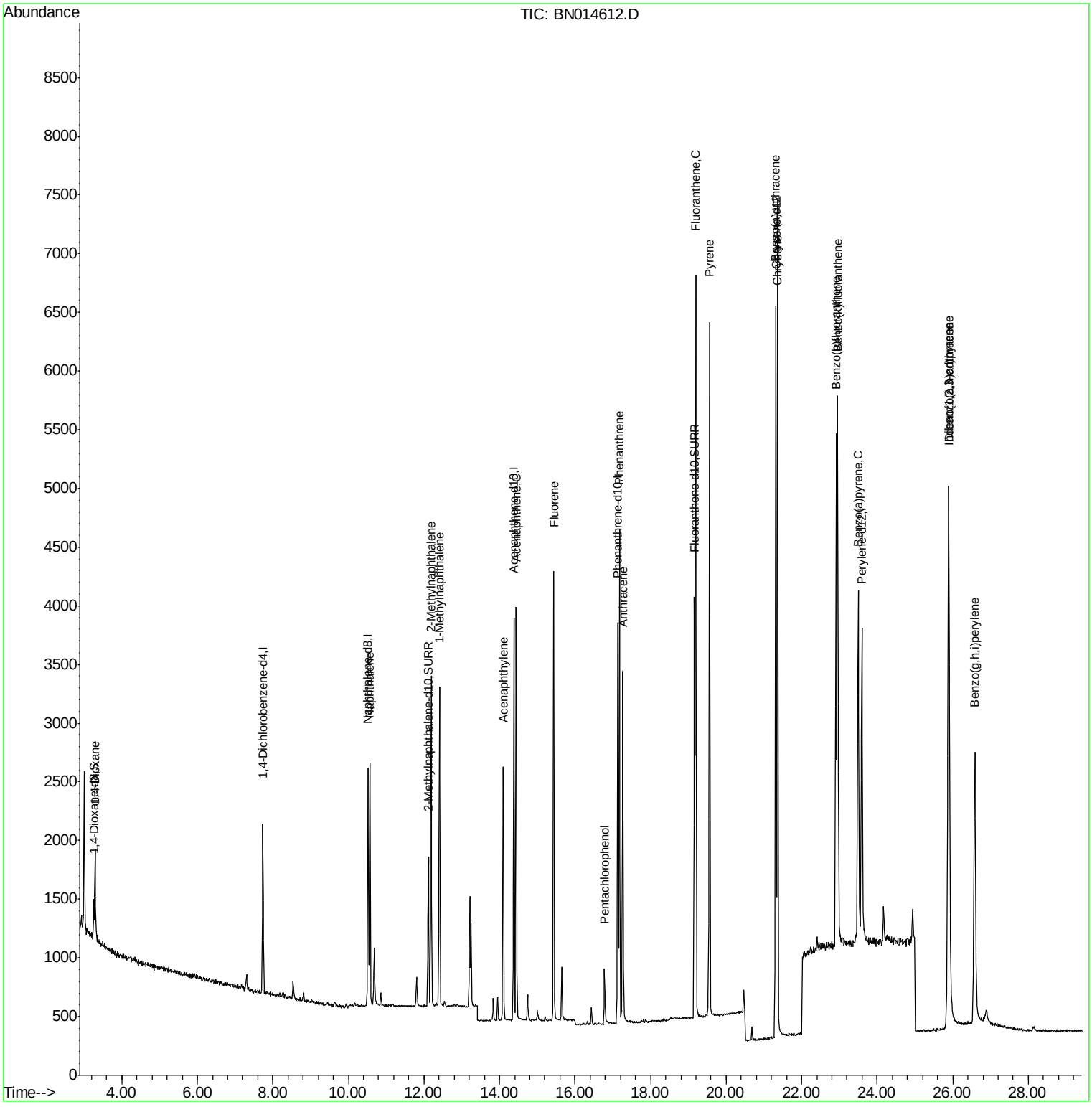
(#) = qualifier out of range (m) = manual integration (+) = signals summed

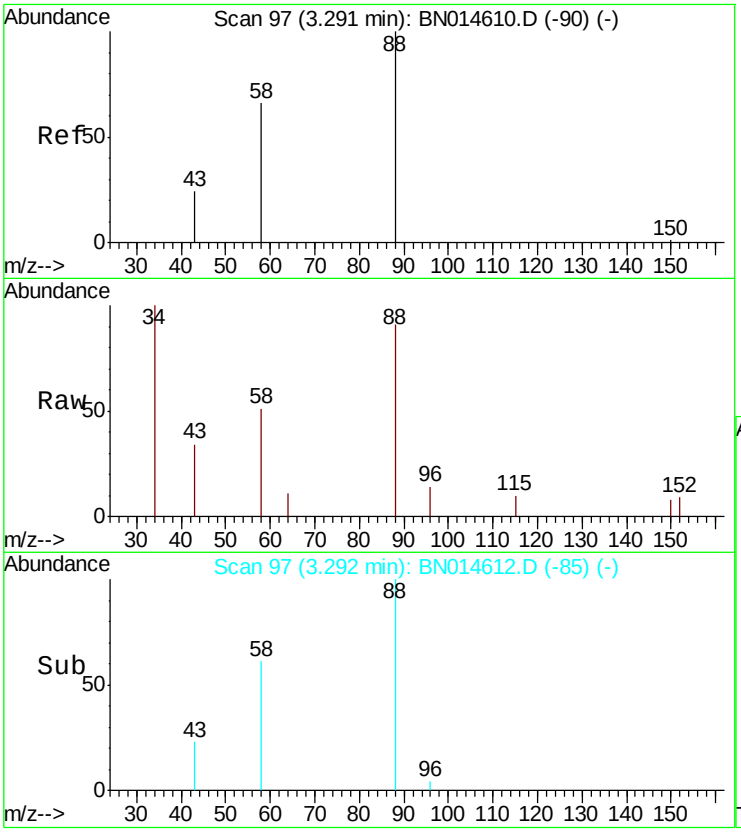
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051321\
Data File : BN014612.D
Acq On : 14 May 2021 05:24
Operator : CG/JU
Sample : PB136058BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SLCS058

Quant Time: May 14 05:58:45 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 : Fri May 14 01:39:05 2021
Response via : Initial Calibration



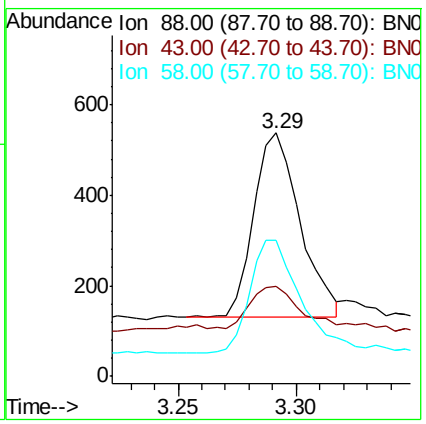


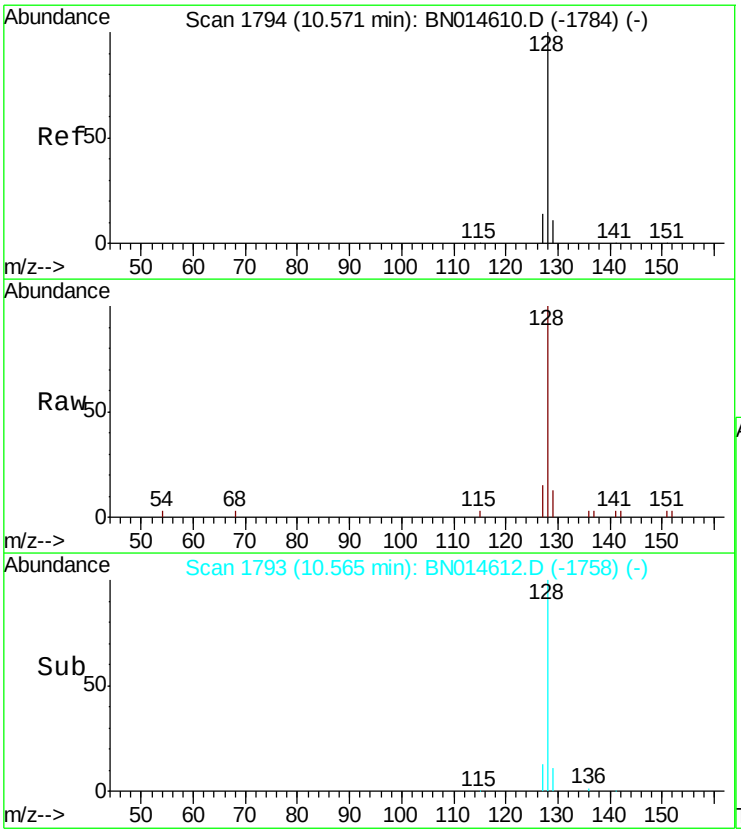
#2
1,4-Dioxane
Concen: 0.694 ng/ul
RT: 3.29 min Scan# 97
Delta R.T. -0.00 min
Lab File: BN014612.D
Acq: 14 May 2021 05:24

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion: 88 Resp: 550

Ion	Ratio	Lower	Upper
88	100		
43	37.2	15.7	23.5#
58	55.8	23.8	35.6#

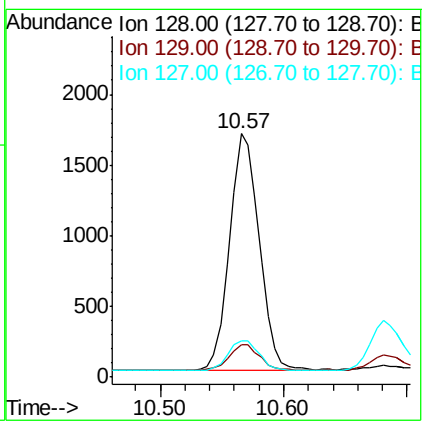


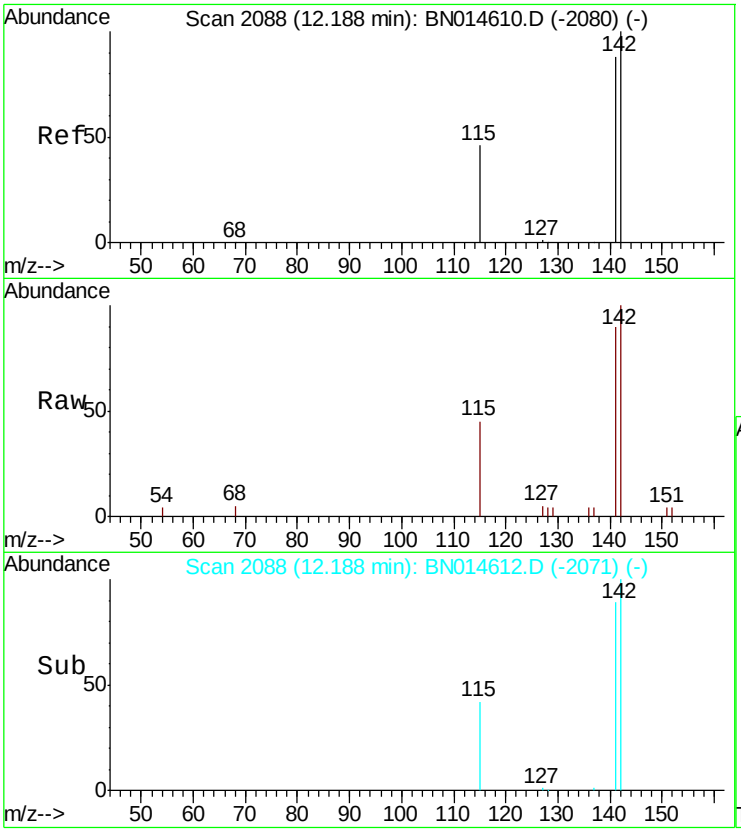


#5
Naphthalene
Concen: 0.341 ng/ul
RT: 10.57 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BN014612.D
Acq: 14 May 2021 05:24

Tgt Ion:128 Resp: 2776

Ion	Ratio	Lower	Upper
128	100		
129	13.2	11.6	17.4
127	15.1	13.3	19.9



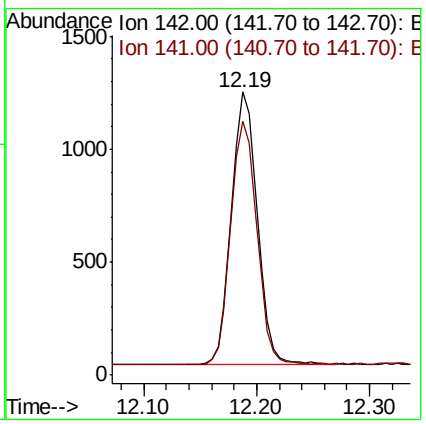


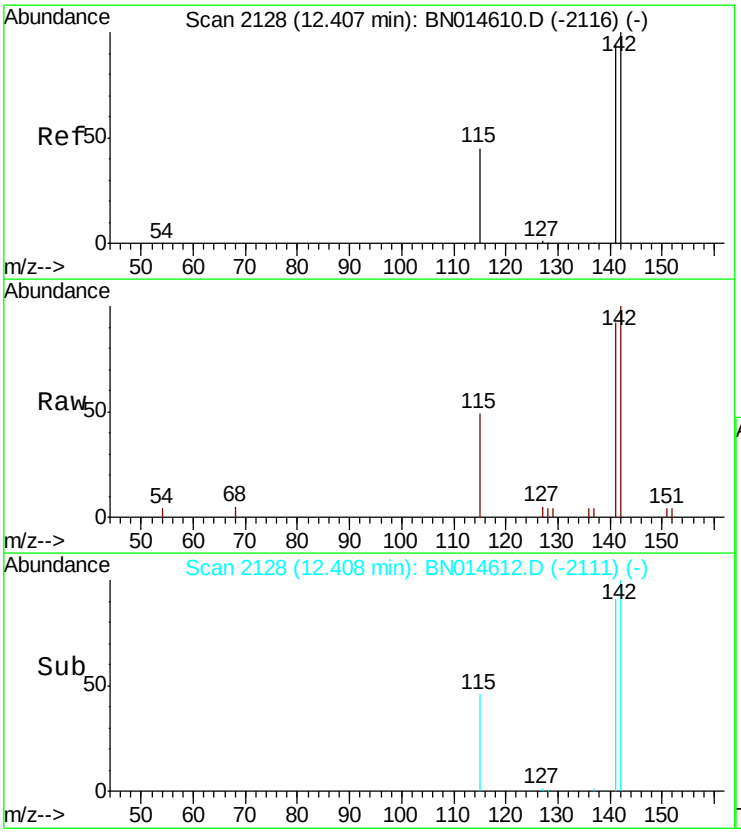
#7
2-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.19 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BN014612.D
Acq: 14 May 2021 05:24

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion:142 Resp: 1910

Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.9	106.3

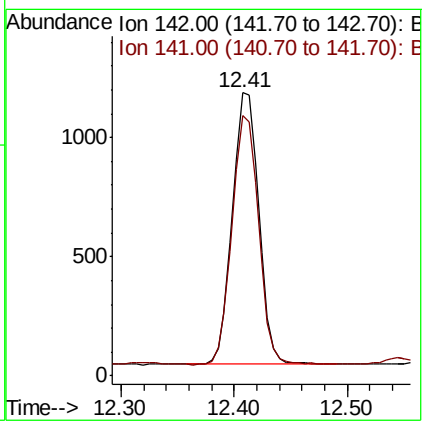


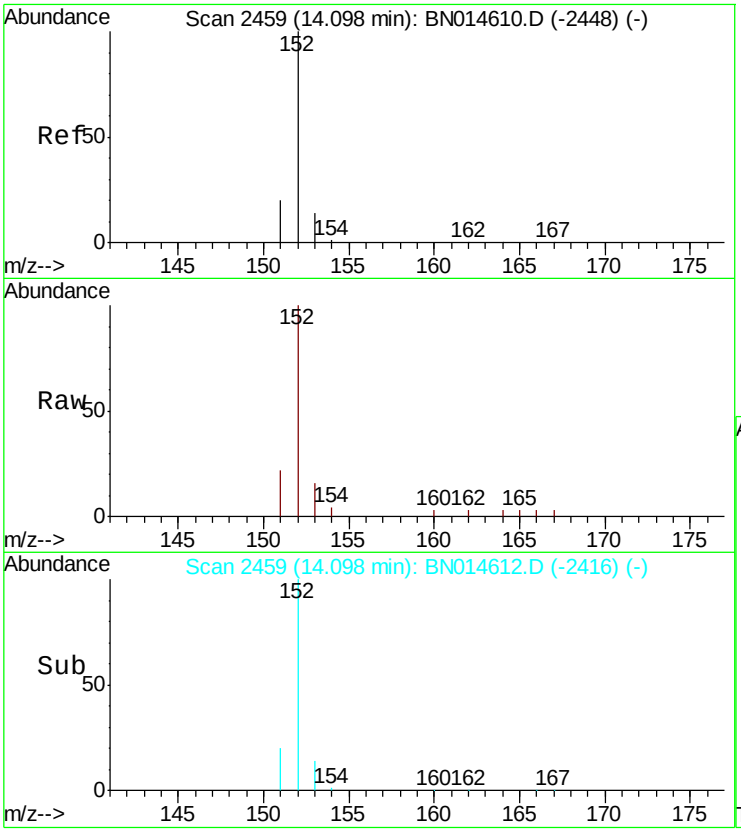


#8
1-Methylnaphthalene
Concen: 0.329 ng/ul
RT: 12.41 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BN014612.D
Acq: 14 May 2021 05:24

Tgt Ion:142 Resp: 1848

Ion	Ratio	Lower	Upper
142	100		
141	92.3	75.9	113.9



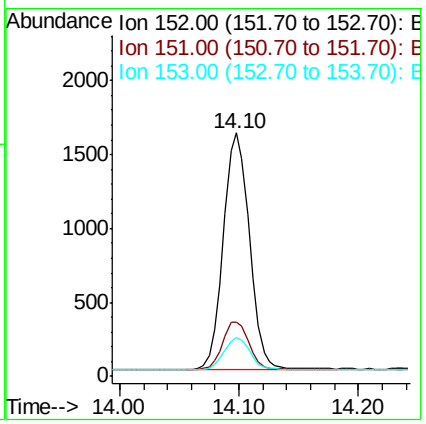


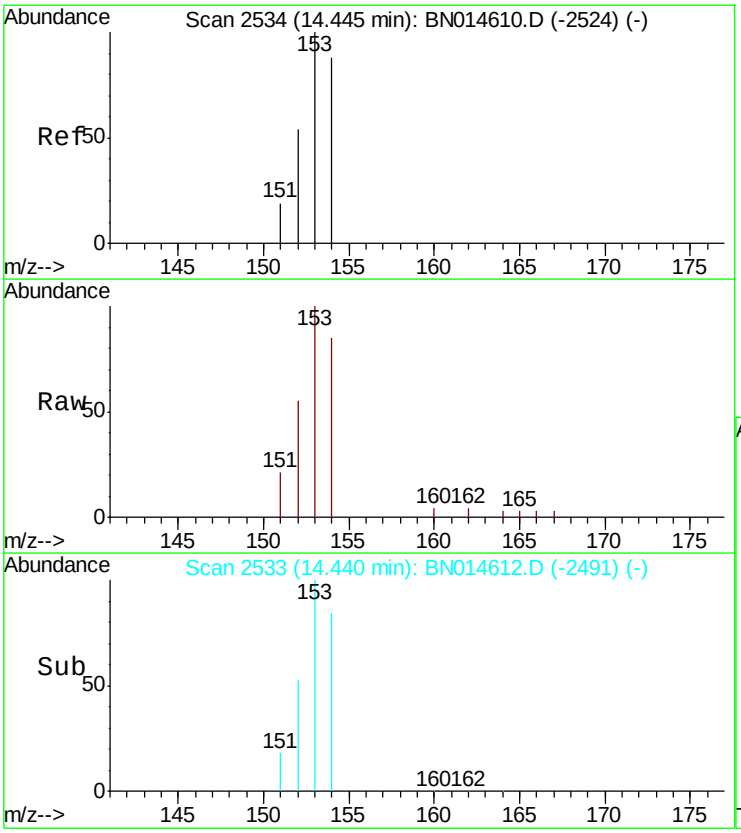
#10
Acenaphthylene
Concen: 0.366 ng/ul
RT: 14.10 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BN014612.D
Acq: 14 May 2021 05:24

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion:152 Resp: 2440

Ion	Ratio	Lower	Upper
152	100		
151	22.3	18.2	27.2
153	16.2	12.8	19.2

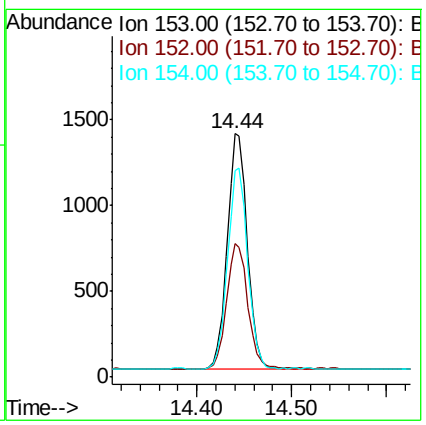


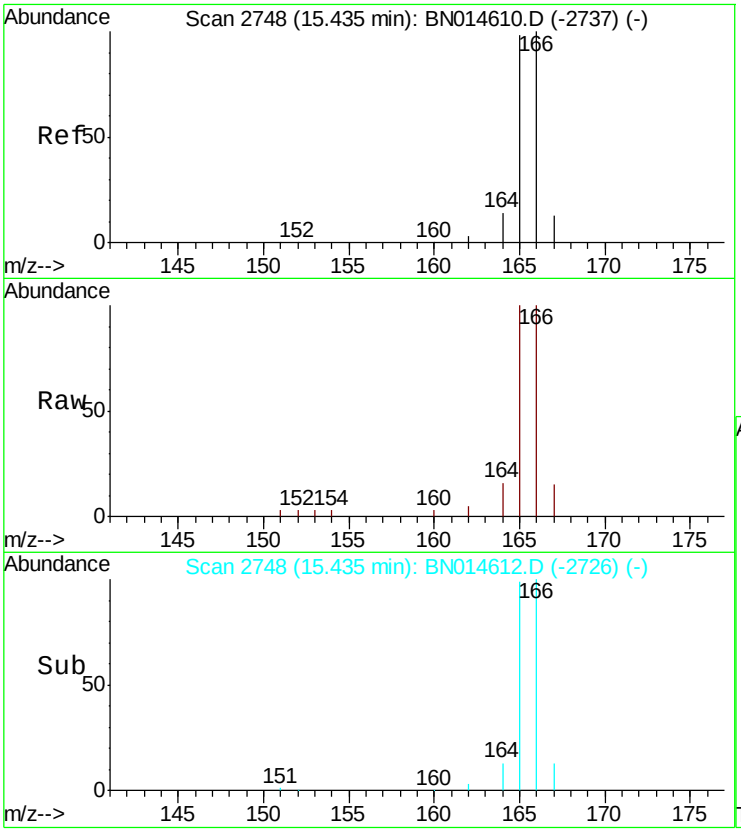


#11
Acenaphthene
Concen: 0.341 ng/ul
RT: 14.44 min Scan# 2533
Delta R.T. -0.00 min
Lab File: BN014612.D
Acq: 14 May 2021 05:24

Tgt Ion:153 Resp: 2042

Ion	Ratio	Lower	Upper
153	100		
152	55.0	40.9	61.3
154	84.6	70.7	106.1



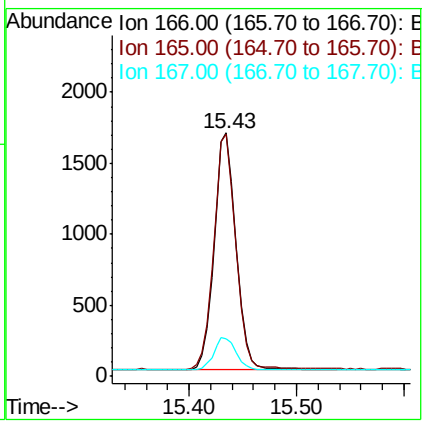


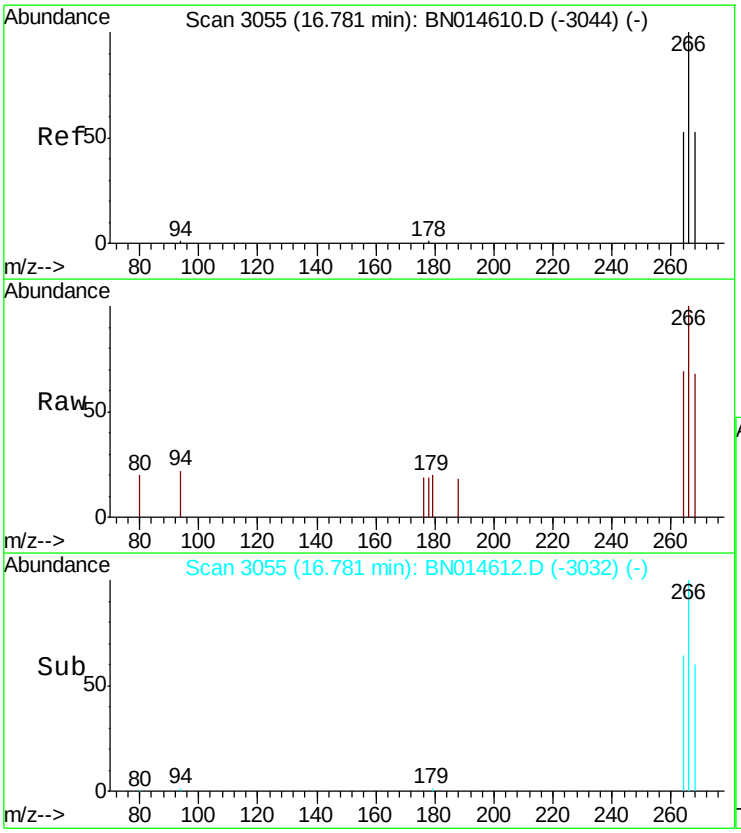
#12
Fluorene
Concen: 0.328 ng/ul
RT: 15.43 min Scan# 2748
Delta R.T. -0.00 min
Lab File: BN014612.D
Acq: 14 May 2021 05:24

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion:166 Resp: 2376

Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.6	118.0
167	15.5	13.2	19.8

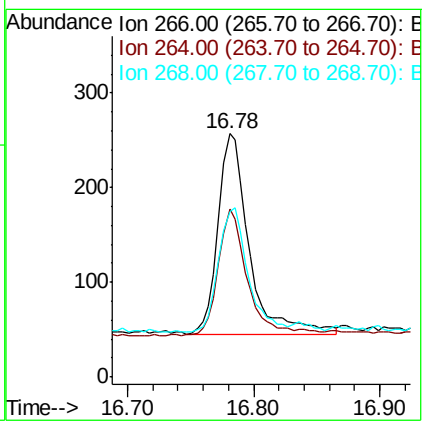


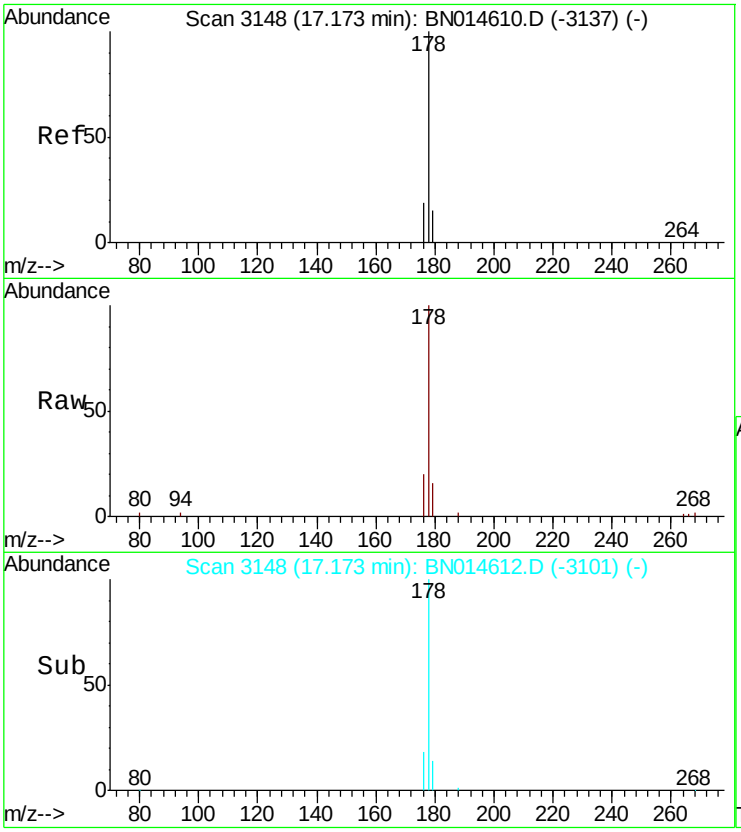


#14
Pentachlorophenol
Concen: 0.465 ng/ul
RT: 16.78 min Scan# 3055
Delta R.T. -0.00 min
Lab File: BN014612.D
Acq: 14 May 2021 05:24

Tgt Ion:266 Resp: 364

Ion	Ratio	Lower	Upper
266	100		
264	59.6	49.4	74.2
268	59.1	49.1	73.7



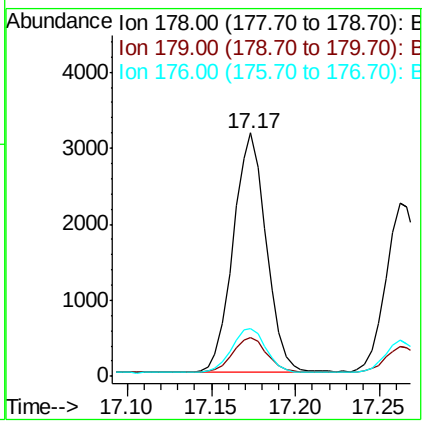


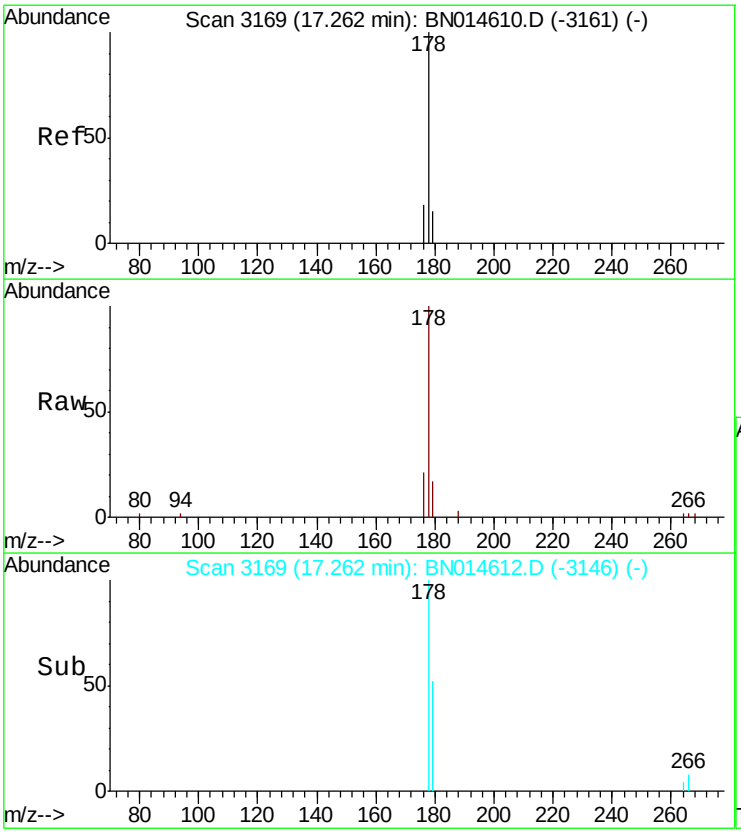
#15
Phenanthrene
Concen: 0.360 ng/ul
RT: 17.17 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BN014612.D
Acq: 14 May 2021 05:24

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion:178 Resp: 4339

Ion	Ratio	Lower	Upper
178	100		
179	15.8	14.1	21.1
176	19.7	16.9	25.3

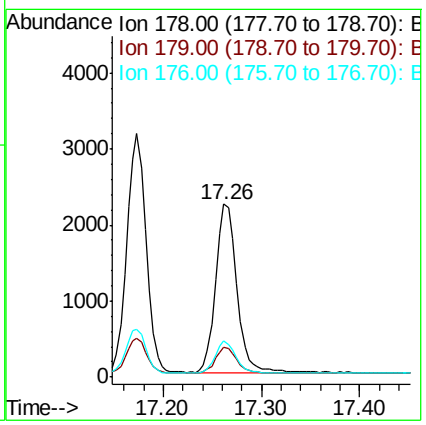


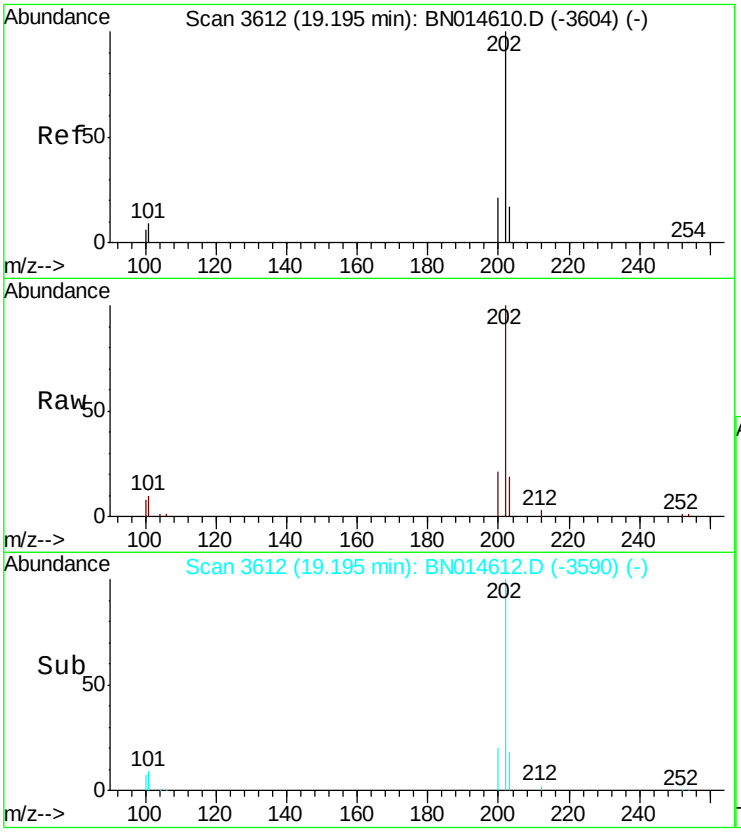


#16
Anthracene
Concen: 0.331 ng/ul
RT: 17.26 min Scan# 3169
Delta R.T. -0.00 min
Lab File: BN014612.D
Acq: 14 May 2021 05:24

Tgt Ion:178 Resp: 3305

Ion	Ratio	Lower	Upper
178	100		
179	17.0	14.1	21.1
176	21.0	15.8	23.6



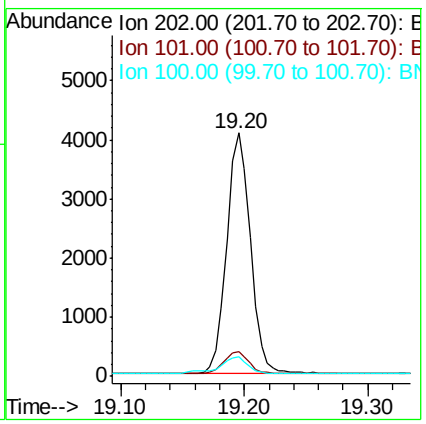


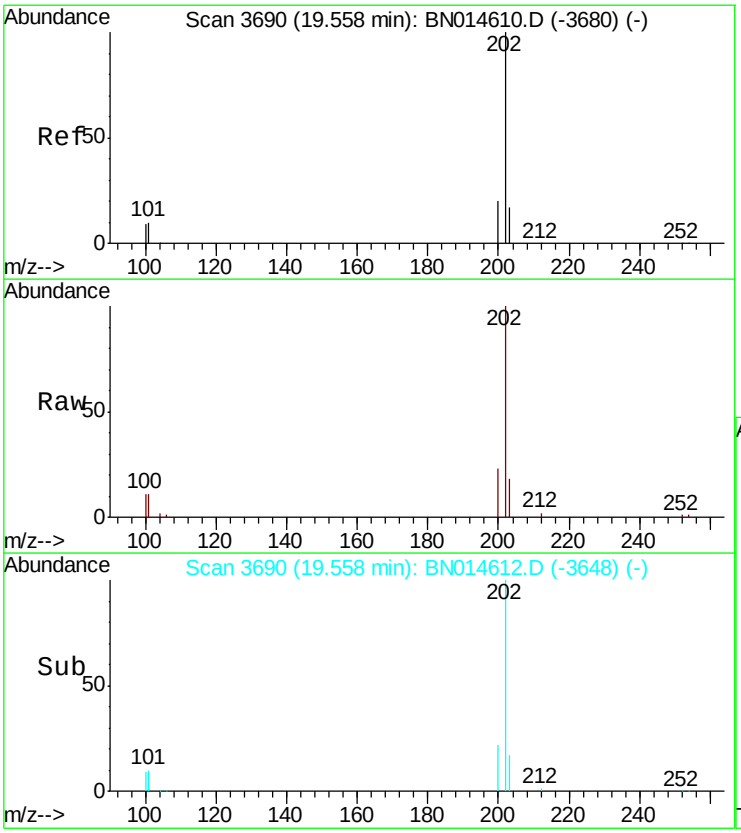
#19
Fluoranthene
Concen: 0.406 ng/ul
RT: 19.20 min Scan# 3612
Delta R.T. -0.00 min
Lab File: BN014612.D
Acq: 14 May 2021 05:24

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion:202 Resp: 5391

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.3	12.5
100	7.9	6.7	10.1

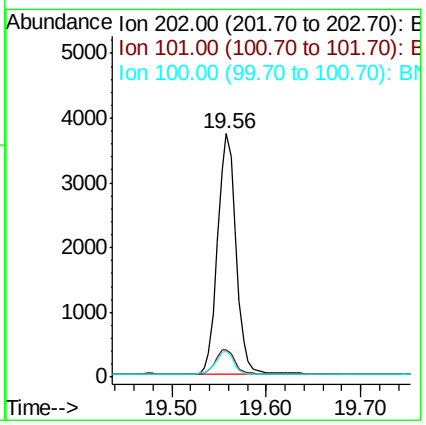


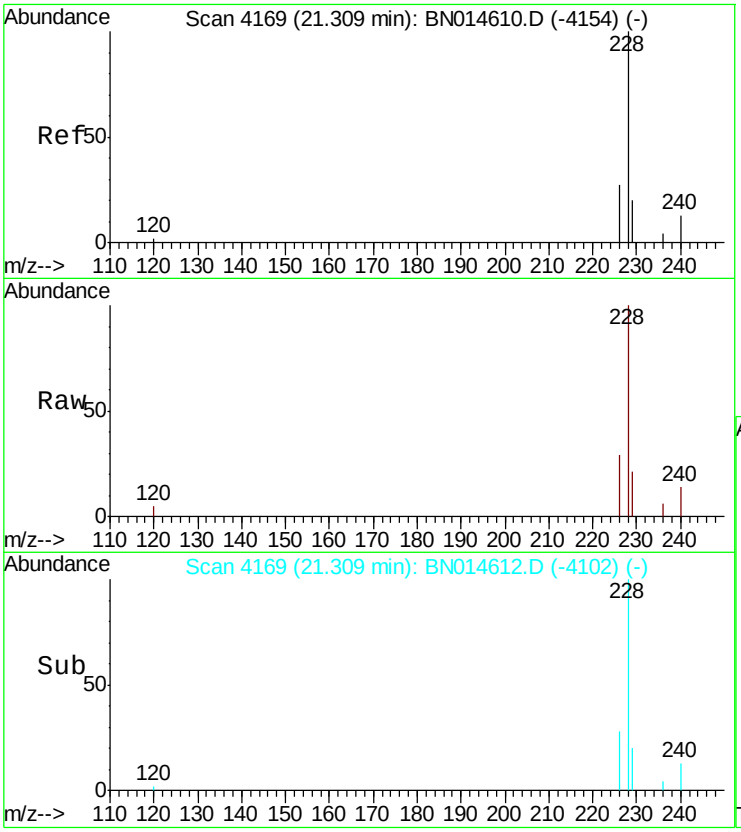


#20
Pyrene
Concen: 0.382 ng/ul
RT: 19.56 min Scan# 3690
Delta R.T. -0.00 min
Lab File: BN014612.D
Acq: 14 May 2021 05:24

Tgt Ion:202 Resp: 5022

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.4	14.0
100	10.6	8.2	12.4



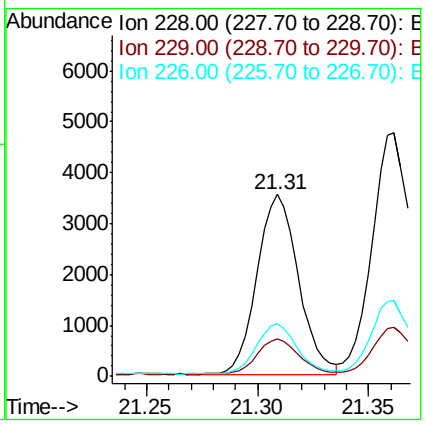


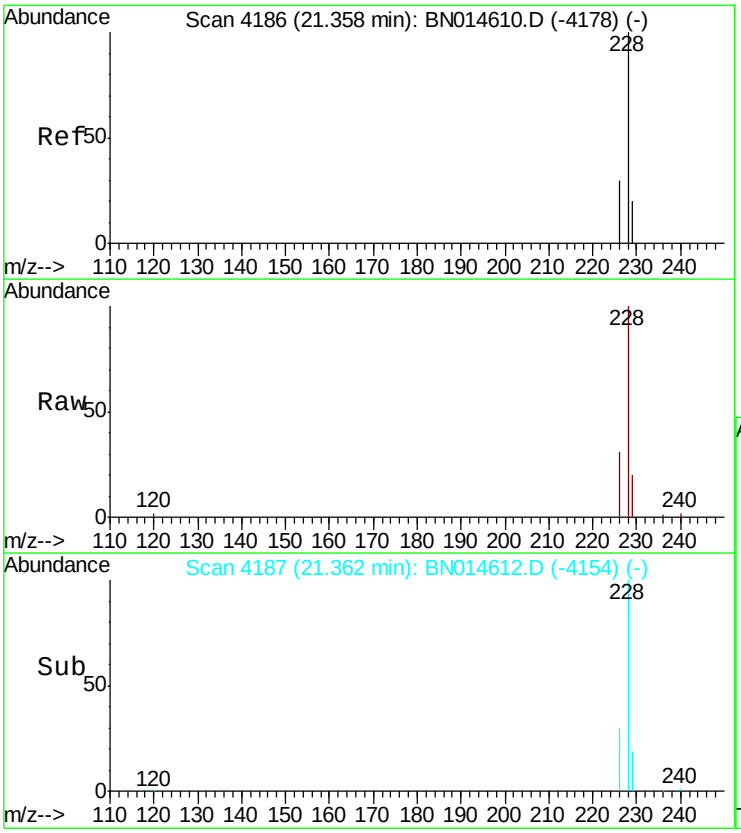
#21
Benzo(a)anthracene
Concen: 0.373 ng/ul
RT: 21.31 min Scan# 4169
Delta R.T. -0.00 min
Lab File: BN014612.D
Acq: 14 May 2021 05:24

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion:228 Resp: 4582

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

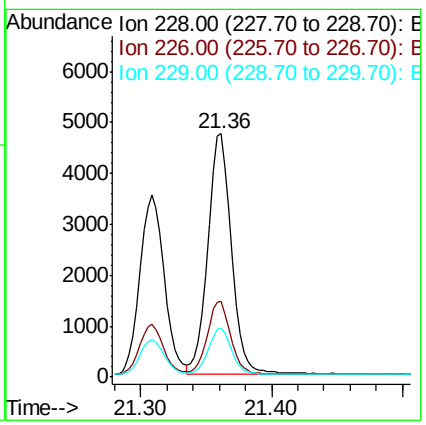


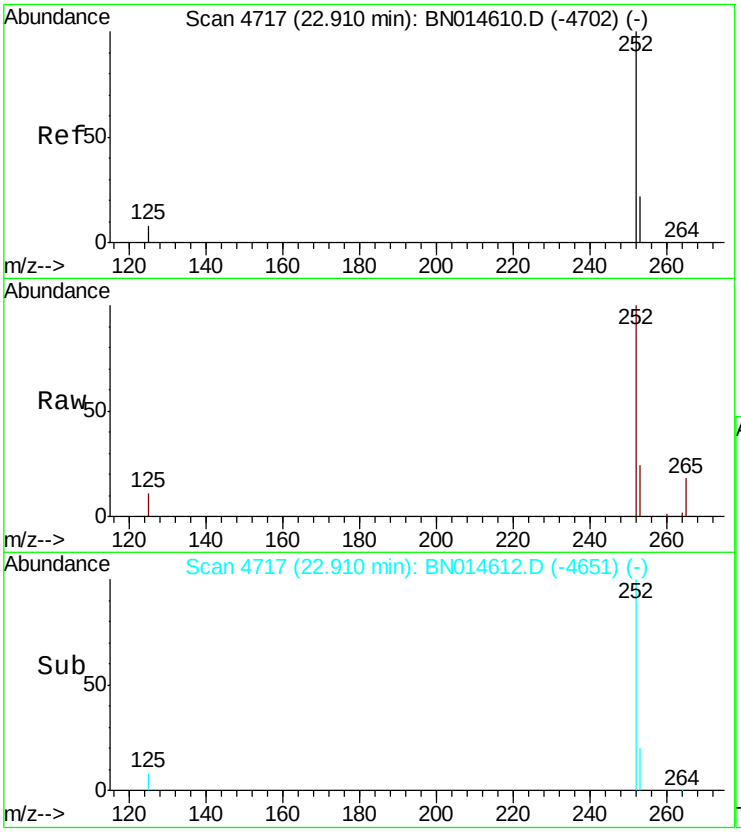


#22
Chrysene
Concen: 0.405 ng/ul
RT: 21.36 min Scan# 4187
Delta R.T. -0.00 min
Lab File: BN014612.D
Acq: 14 May 2021 05:24

Tgt Ion:228 Resp: 5912

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	20.3	16.3	24.5



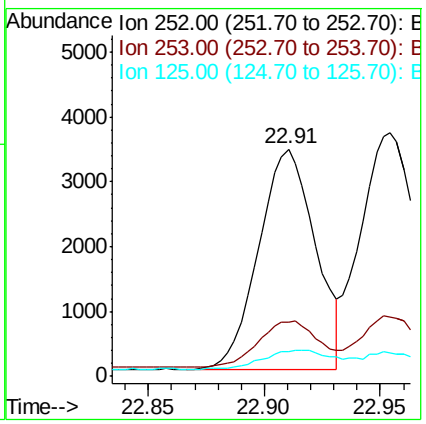


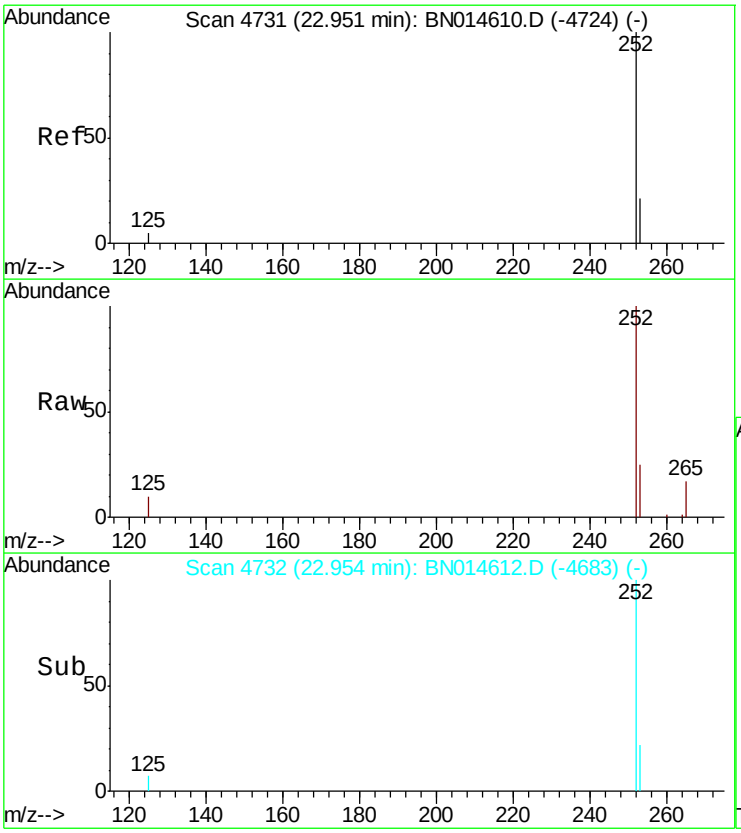
#24
Benzo(b)fluoranthene
Concen: 0.390 ng/ul
RT: 22.91 min Scan# 4717
Delta R.T. -0.01 min
Lab File: BN014612.D
Acq: 14 May 2021 05:24

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion:252 Resp: 5761

Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	51.0
125	10.7	0.0	20.2

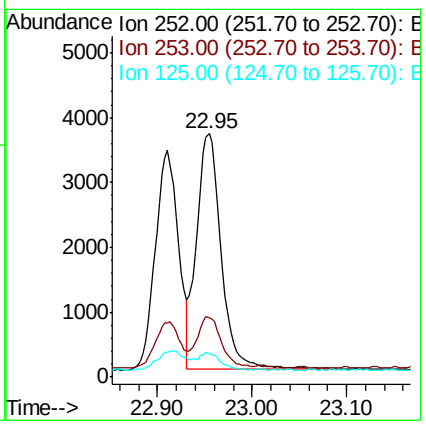


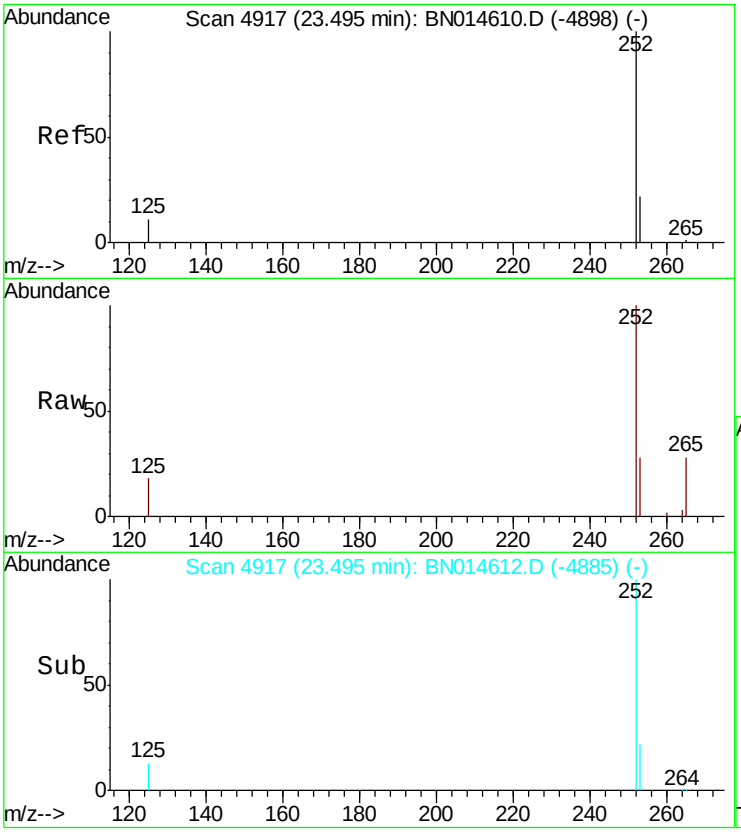


#25
Benzo(k)fluoranthene
Concen: 0.427 ng/ul
RT: 22.95 min Scan# 4732
Delta R.T. -0.01 min
Lab File: BN014612.D
Acq: 14 May 2021 05:24

Tgt Ion:252 Resp: 6588

Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.2	30.2
125	9.6	8.4	12.6



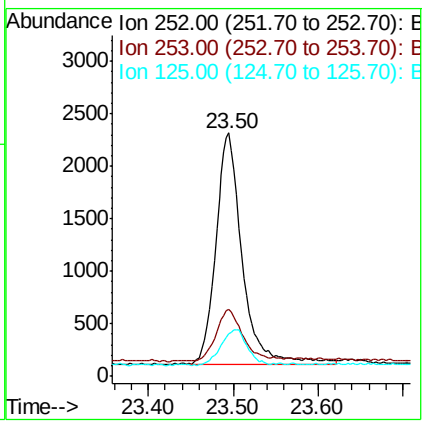


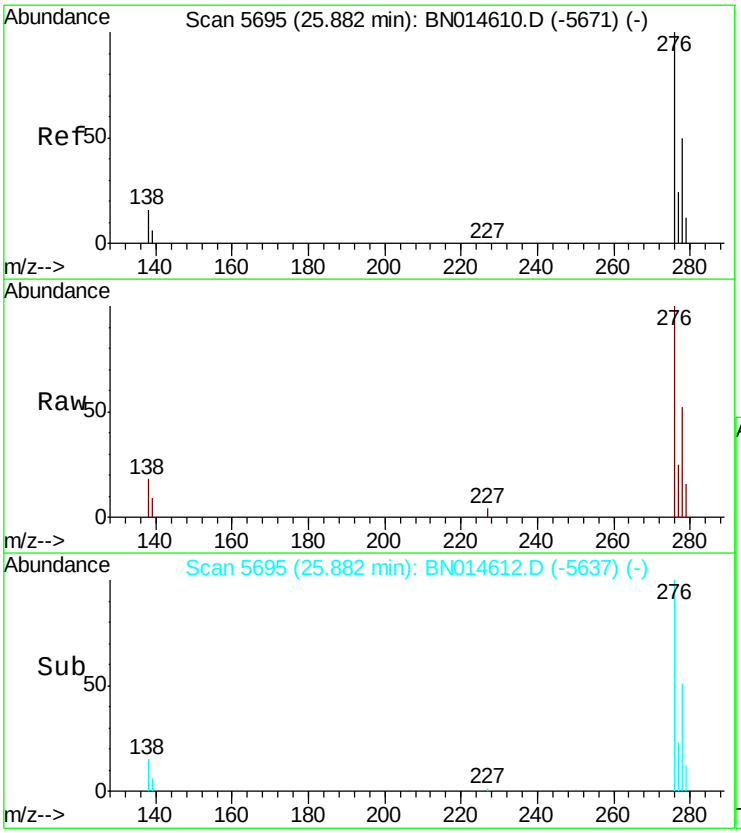
#26
Benzo(a)pyrene
Concen: 0.413 ng/ul
RT: 23.50 min Scan# 4917
Delta R.T. -0.01 min
Lab File: BN014612.D
Acq: 14 May 2021 05:24

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion:252 Resp: 4807

Ion	Ratio	Lower	Upper
252	100		
253	27.7	23.0	34.4
125	17.6	11.4	17.2#

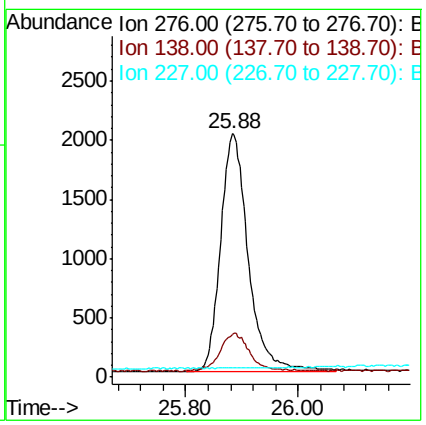


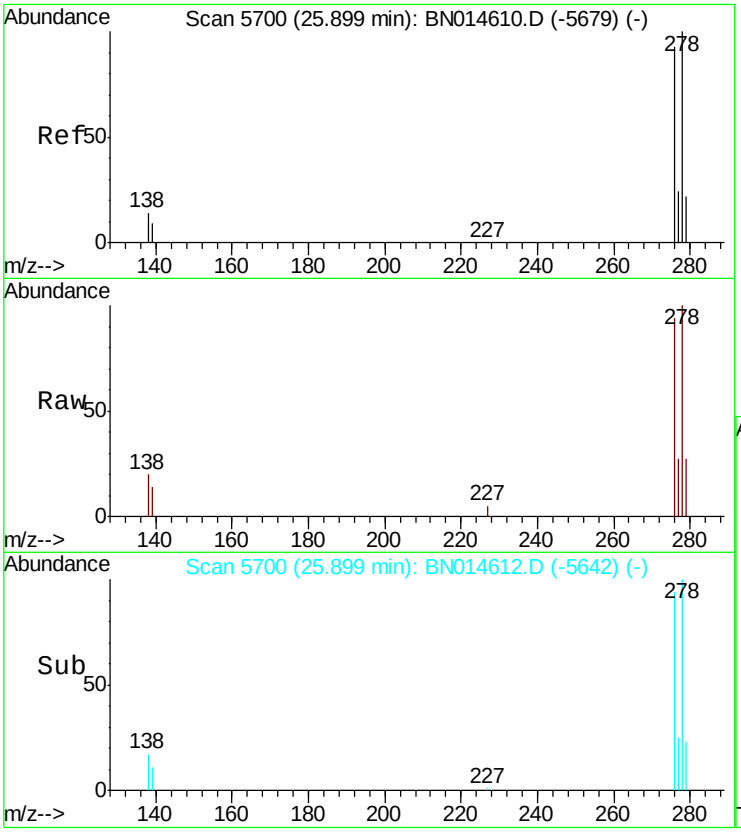


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.404 ng/ul
RT: 25.88 min Scan# 5695
Delta R.T. -0.01 min
Lab File: BN014612.D
Acq: 14 May 2021 05:24

Tgt Ion:276 Resp: 6886

Ion	Ratio	Lower	Upper
276	100		
138	17.2	14.1	21.1
227	0.3	0.0	0.0#



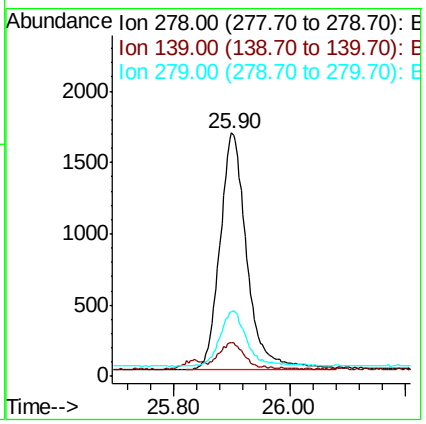


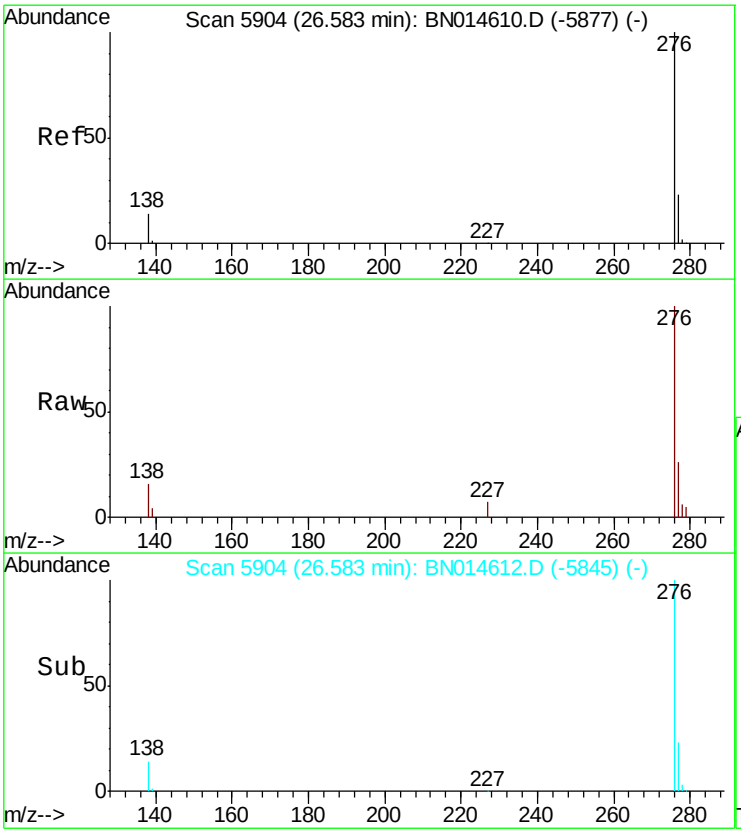
#28
Dibenzo(a,h)anthracene
Concen: 0.381 ng/ul
RT: 25.90 min Scan# 5700
Delta R.T. -0.01 min
Lab File: BN014612.D
Acq: 14 May 2021 05:24

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion:278 Resp: 5350

Ion	Ratio	Lower	Upper
278	100		
139	13.8	10.4	15.6
279	26.7	21.8	32.6





#29
Benzo(g,h,i)perylene
Concen: 0.380 ng/ul
RT: 26.58 min Scan# 5904
Delta R.T. -0.00 min
Lab File: BN014612.D
Acq: 14 May 2021 05:24

Tgt Ion:276 Resp: 5388

Ion	Ratio	Lower	Upper
276	100		
138	16.4	12.6	18.8
277	25.5	20.9	31.3