Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051421\
Data File : BN014629.D
Acq On : 14 May 2021 17:51
Operator : CG/JU
Sample : PB136058BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SLCS058

Quant Time: May 14 18:56:15 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	418	0.40	ng/ul	0.00
4) Naphthalene-d8	10.52	136	1314	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.38	164	933	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.13	188	2359	0.40	ng/ul	0.00
17) Chrysene-d12	21.32	240	3018	0.40	ng/ul	0.00
23) Perylene-d12	23.59	264	2346	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	265	0.62	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.11	152	753	0.33	ng/ul	0.00
18) Fluoranthene-d10	19.16	212	2675	0.35	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	700	1.562	ng/ul#	85
5) Naphthalene	10.57	128	1241	0.325	ng/ul	97
7) 2-Methylnaphthalene	12.19	142	867	0.316	ng/ul	97
8) 1-Methylnaphthalene	12.41	142	847	0.319	ng/ul	100
10) Acenaphthylene	14.09	152	998	0.296	ng/ul	98
11) Acenaphthene	14.44	153	999	0.311	ng/ul	97
12) Fluorene	15.43	166	1235	0.313	ng/ul	98
14) Pentachlorophenol	16.78	266	204	0.614	ng/ul	94
15) Phenanthrene	17.17	178	2389	0.325	ng/ul	97
16) Anthracene	17.26	178	1886	0.330	ng/ul	99
19) Fluoranthene	19.19	202	3205	0.342	ng/ul	98
20) Pyrene	19.56	202	3237	0.341	ng/ul	99
21) Benzo(a)anthracene	21.31	228	3501	0.367	ng/ul	98
22) Chrysene	21.36	228	4020	0.369	ng/ul	99
24) Benzo(b)fluoranthene	22.91	252	3845	0.373	ng/ul	97
25) Benzo(k)fluoranthene	22.95	252	3970	0.365	ng/ul	97
26) Benzo(a)pyrene	23.49	252	2921	0.371	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.88	276	4197	0.374	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.90	278	3499	0.389	ng/ul	98
29) Benzo(g,h,i)perylene	26.58	276	3692	0.386	ng/ul	98

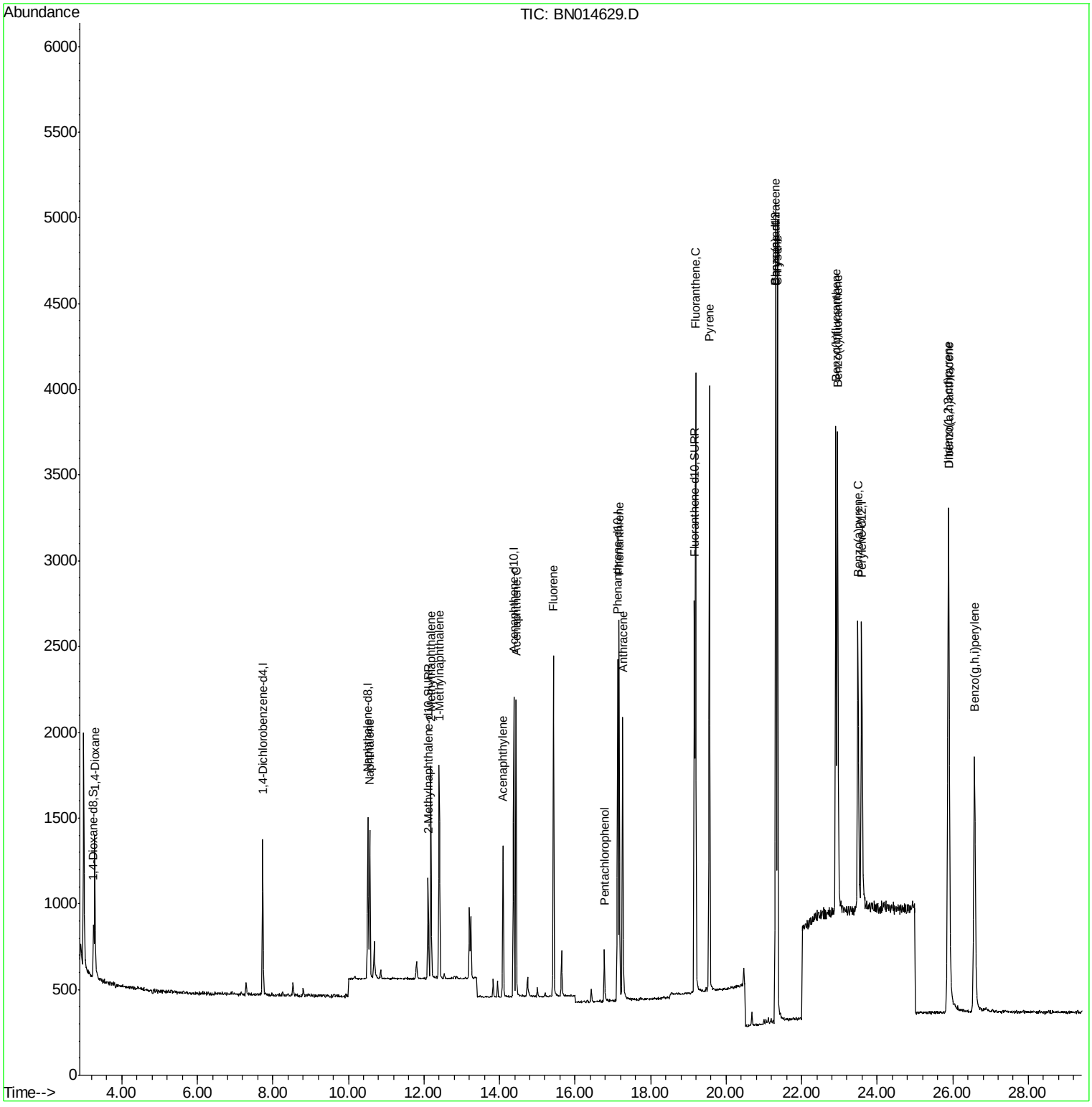
(#) = qualifier out of range (m) = manual integration (+) = signals summed

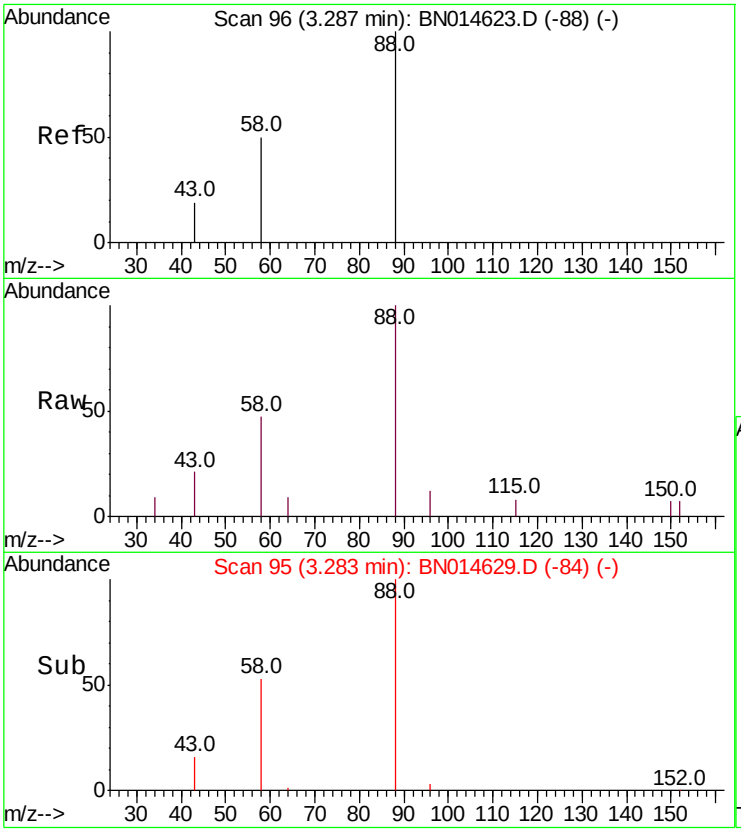
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051421\
Data File : BN014629.D
Acq On : 14 May 2021 17:51
Operator : CG/JU
Sample : PB136058BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SLCS058

Quant Time: May 14 18:56:15 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



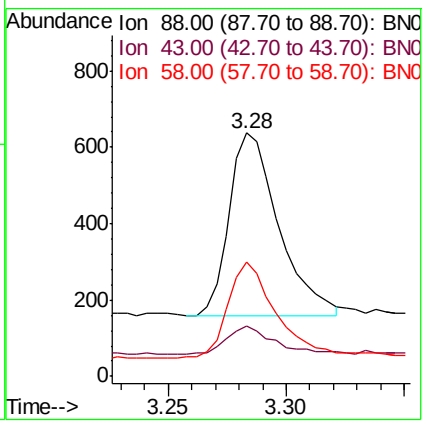


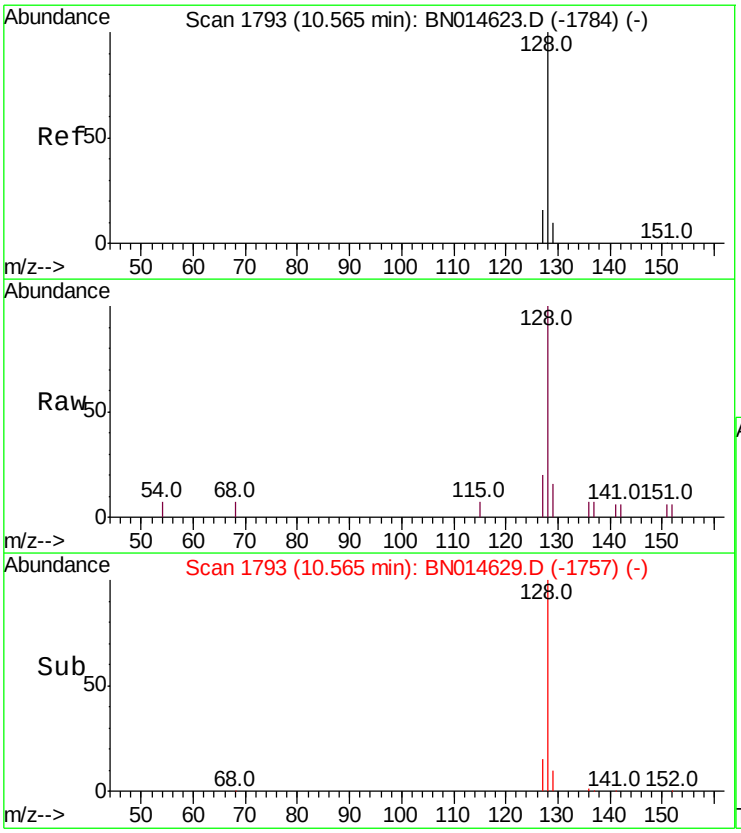
#2
1,4-Dioxane
Concen: 1.562 ng/ul
RT: 3.28 min Scan# 95
Delta R.T. -0.00 min
Lab File: BN014629.D
Acq: 14 May 2021 17:51

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion: 88 Resp: 700

Ion	Ratio	Lower	Upper
88	100		
43	20.8	22.5	33.7#
58	47.2	30.4	45.6#

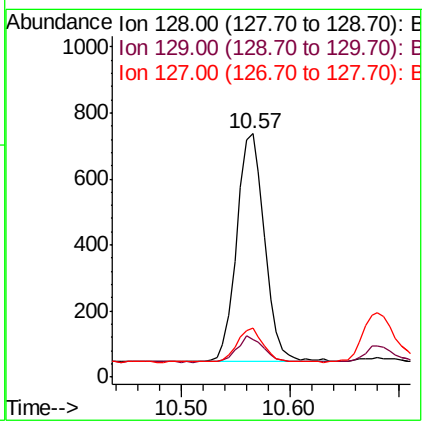


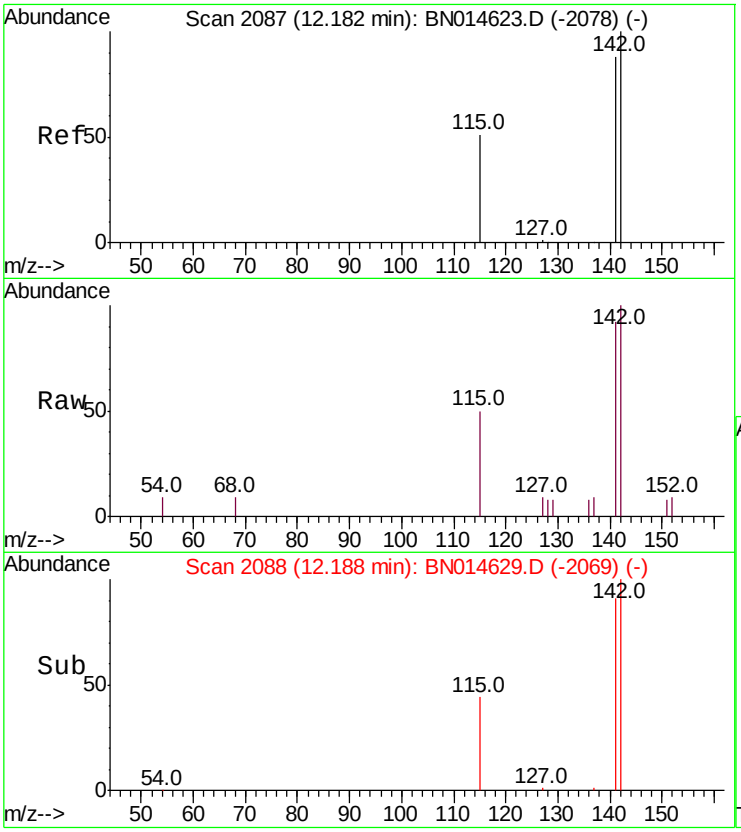


#5
Naphthalene
Concen: 0.325 ng/ul
RT: 10.57 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BN014629.D
Acq: 14 May 2021 17:51

Tgt Ion:128 Resp: 1241

Ion	Ratio	Lower	Upper
128	100		
129	15.6	10.9	16.3
127	20.1	15.7	23.5



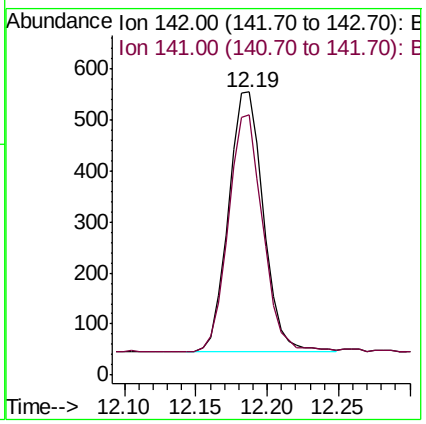


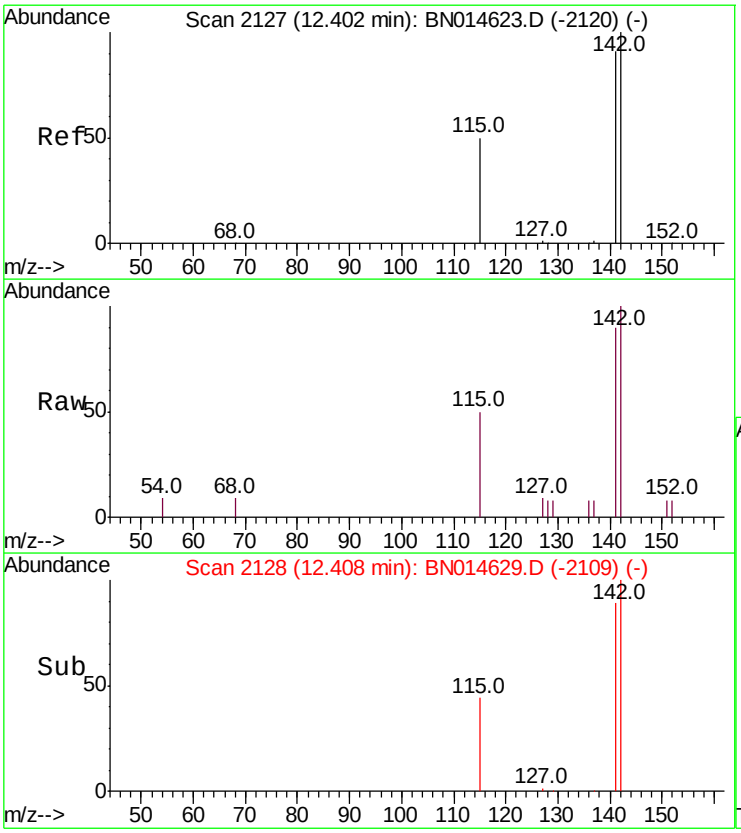
#7
2-Methylnaphthalene
Concen: 0.316 ng/ul
RT: 12.19 min Scan# 2088
Delta R.T. 0.01 min
Lab File: BN014629.D
Acq: 14 May 2021 17:51

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion:142 Resp: 867

Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.2	105.2

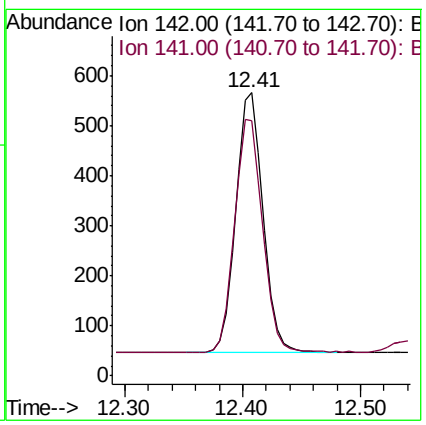


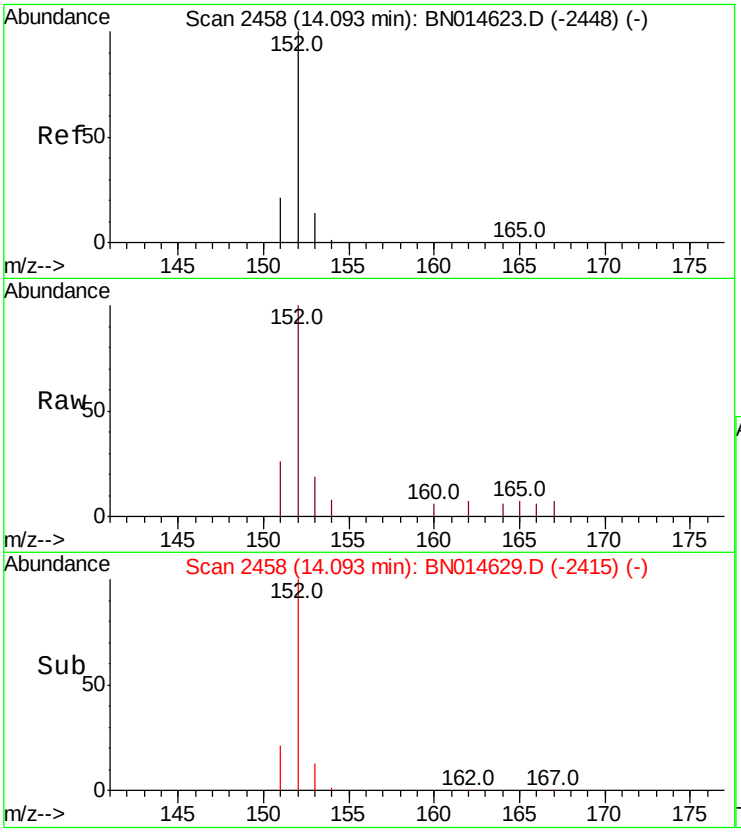


#8
1-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.41 min Scan# 2128
Delta R.T. 0.01 min
Lab File: BN014629.D
Acq: 14 May 2021 17:51

Tgt Ion:142 Resp: 847

Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.9	110.9



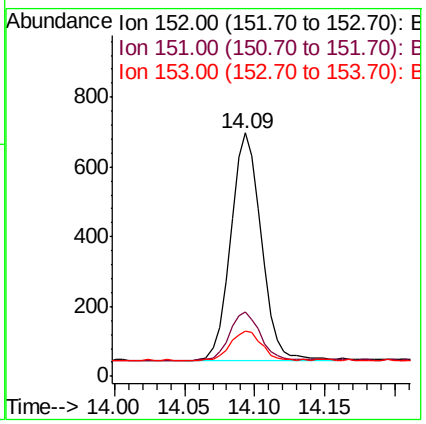


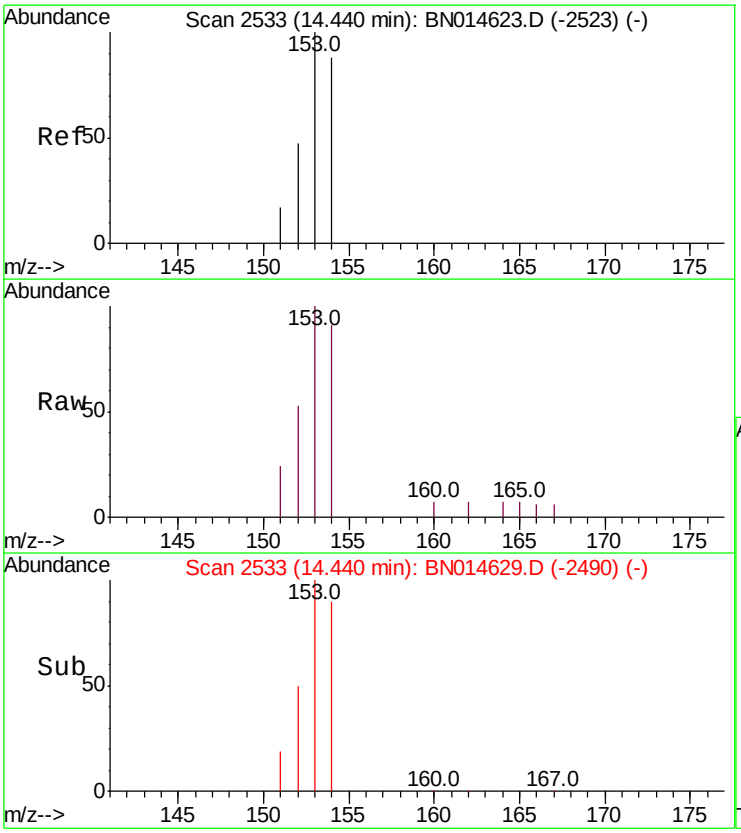
#10
Acenaphthylene
Concen: 0.296 ng/ul
RT: 14.09 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BN014629.D
Acq: 14 May 2021 17:51

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion:152 Resp: 998

Ion	Ratio	Lower	Upper
152	100		
151	26.4	20.2	30.4
153	18.8	14.2	21.4

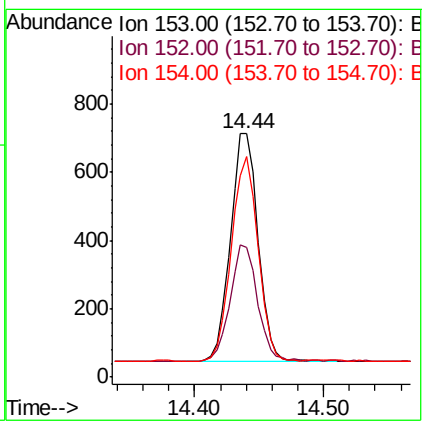


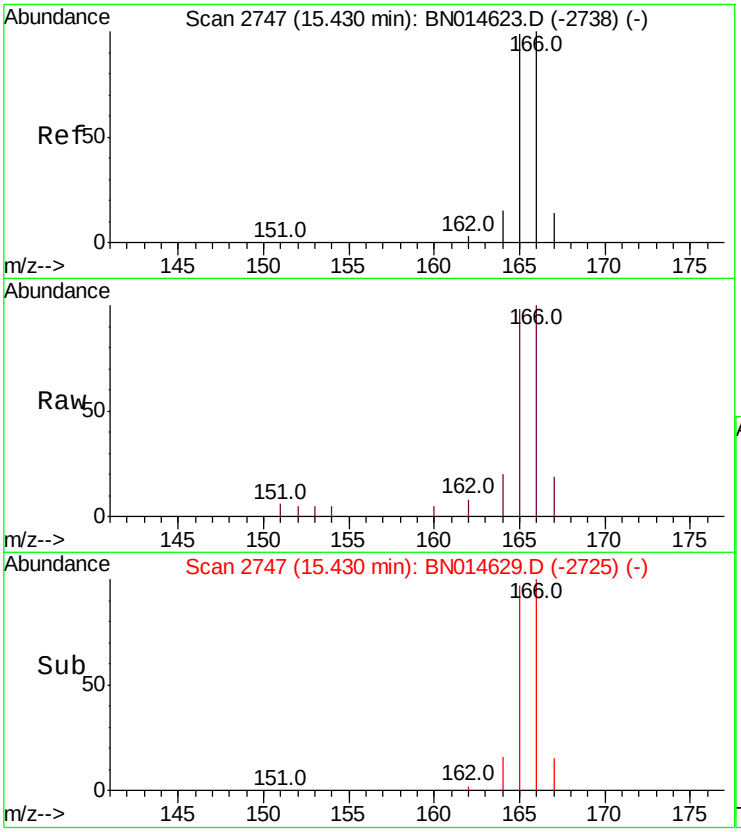


#11
Acenaphthene
Concen: 0.311 ng/ul
RT: 14.44 min Scan# 2533
Delta R.T. -0.00 min
Lab File: BN014629.D
Acq: 14 May 2021 17:51

Tgt Ion:153 Resp: 999

Ion	Ratio	Lower	Upper
153	100		
152	53.2	39.7	59.5
154	90.6	71.0	106.4



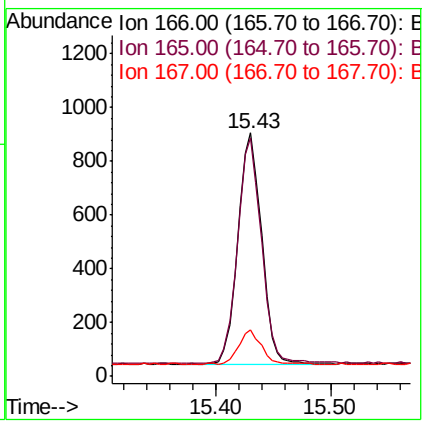


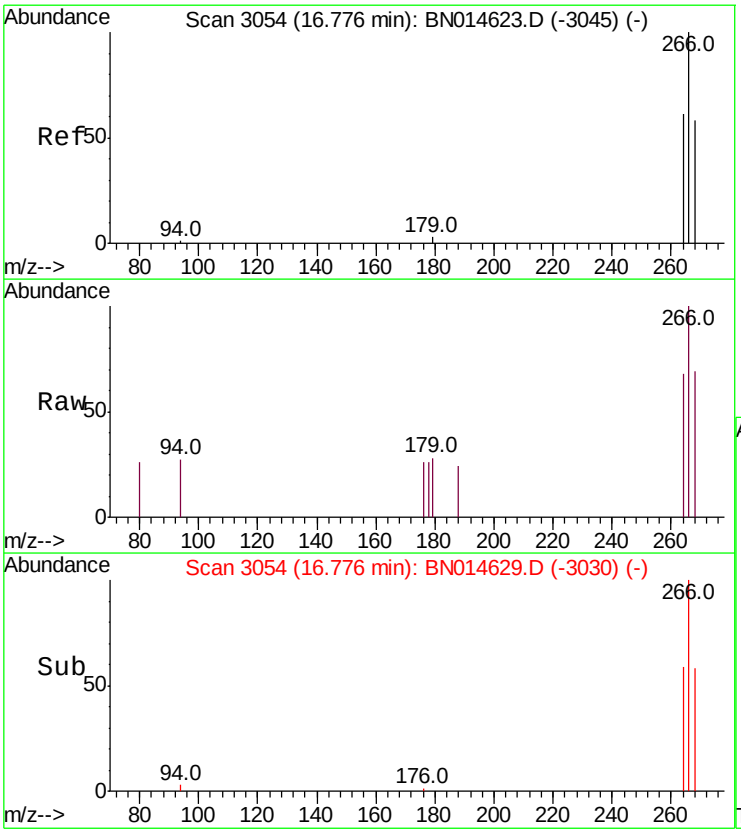
#12
Fluorene
Concen: 0.313 ng/ul
RT: 15.43 min Scan# 2747
Delta R.T. -0.00 min
Lab File: BN014629.D
Acq: 14 May 2021 17:51

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion:166 Resp: 1235

Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.3	118.9
167	18.9	13.8	20.6

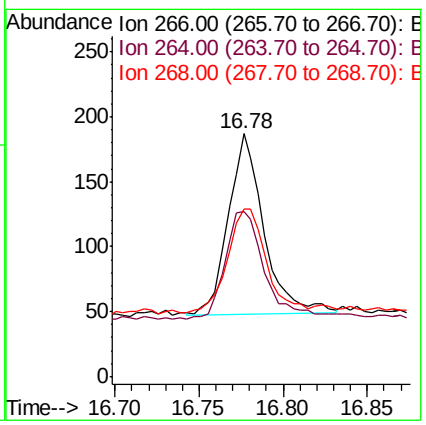


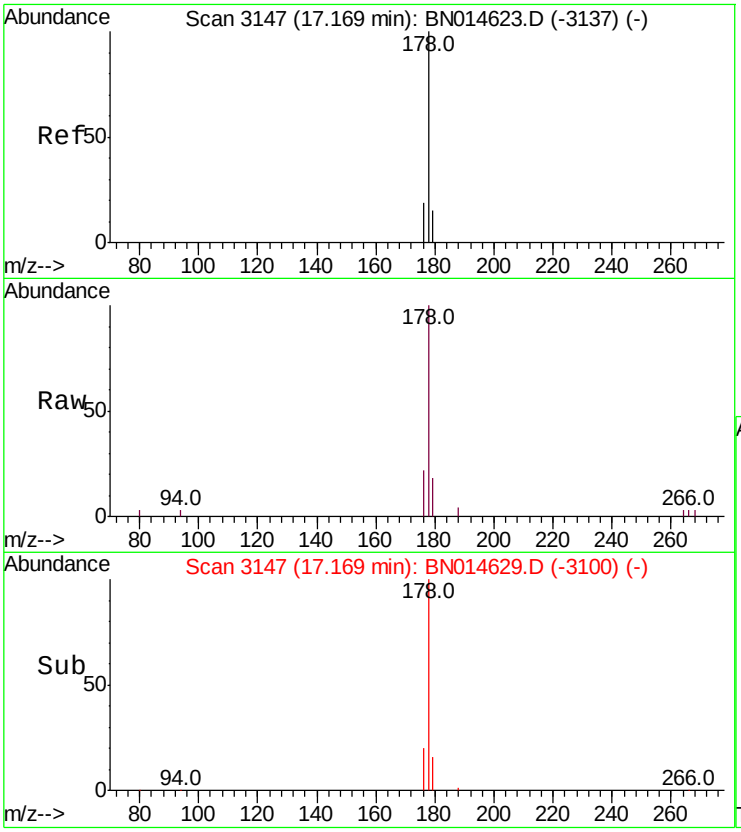


#14
Pentachlorophenol
Concen: 0.614 ng/ul
RT: 16.78 min Scan# 3054
Delta R.T. -0.00 min
Lab File: BN014629.D
Acq: 14 May 2021 17:51

Tgt Ion:266 Resp: 204

Ion	Ratio	Lower	Upper
266	100		
264	69.1	52.9	79.3
268	68.1	59.4	89.0



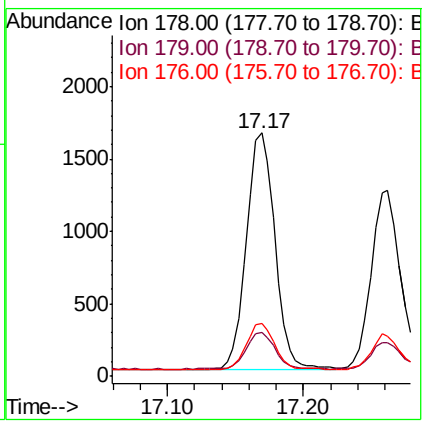


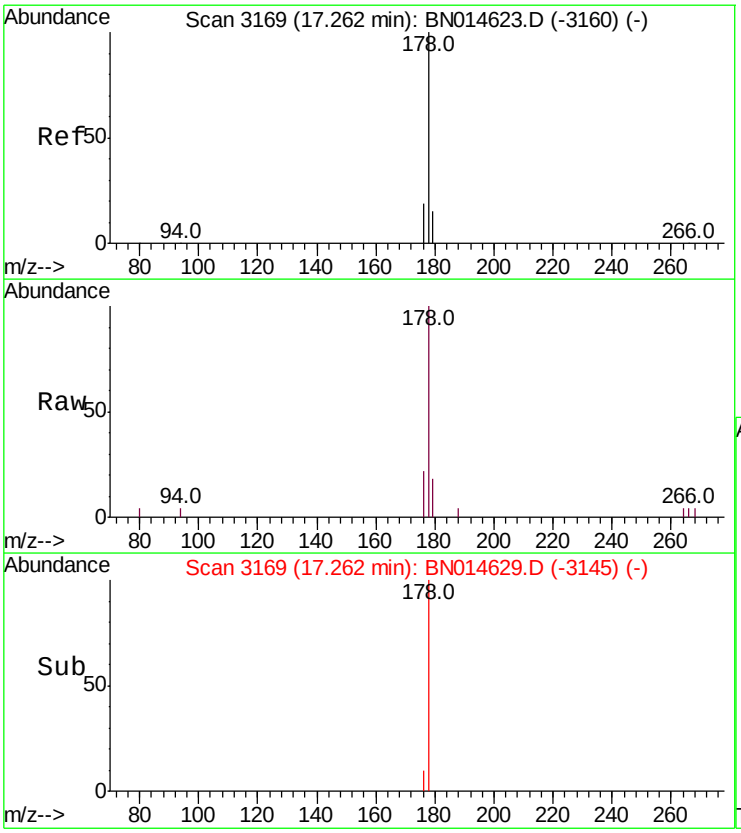
#15
Phenanthrene
Concen: 0.325 ng/ul
RT: 17.17 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BN014629.D
Acq: 14 May 2021 17:51

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion:178 Resp: 2389

Ion	Ratio	Lower	Upper
178	100		
179	18.1	13.8	20.6
176	21.7	16.2	24.4

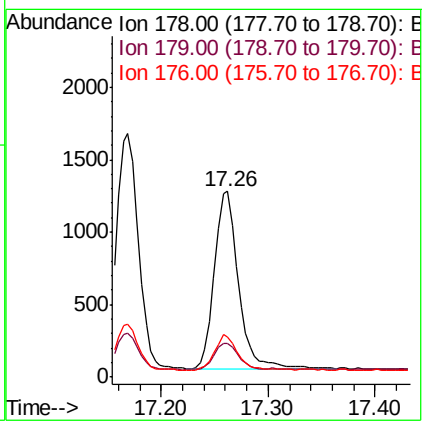


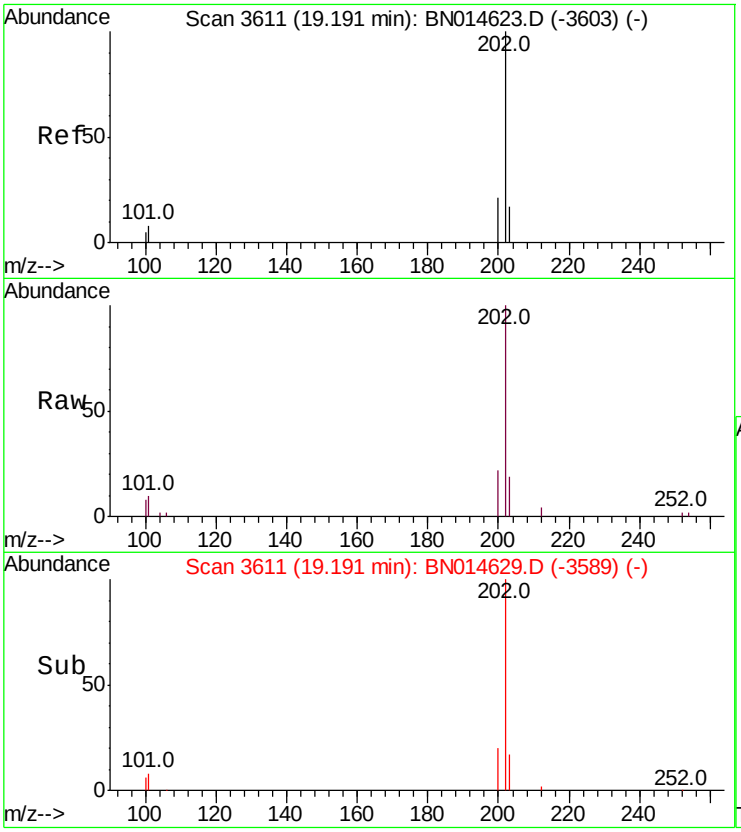


#16
Anthracene
Concen: 0.330 ng/ul
RT: 17.26 min Scan# 3169
Delta R.T. -0.00 min
Lab File: BN014629.D
Acq: 14 May 2021 17:51

Tgt Ion:178 Resp: 1886

Ion	Ratio	Lower	Upper
178	100		
179	18.4	14.3	21.5
176	21.9	17.1	25.7



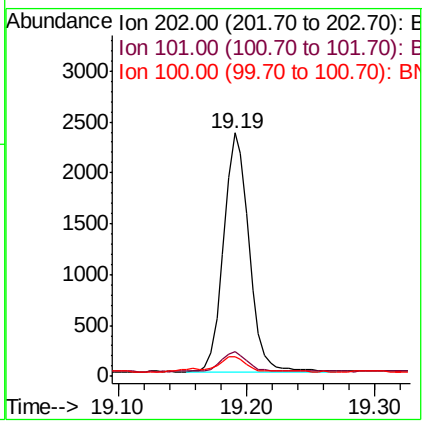


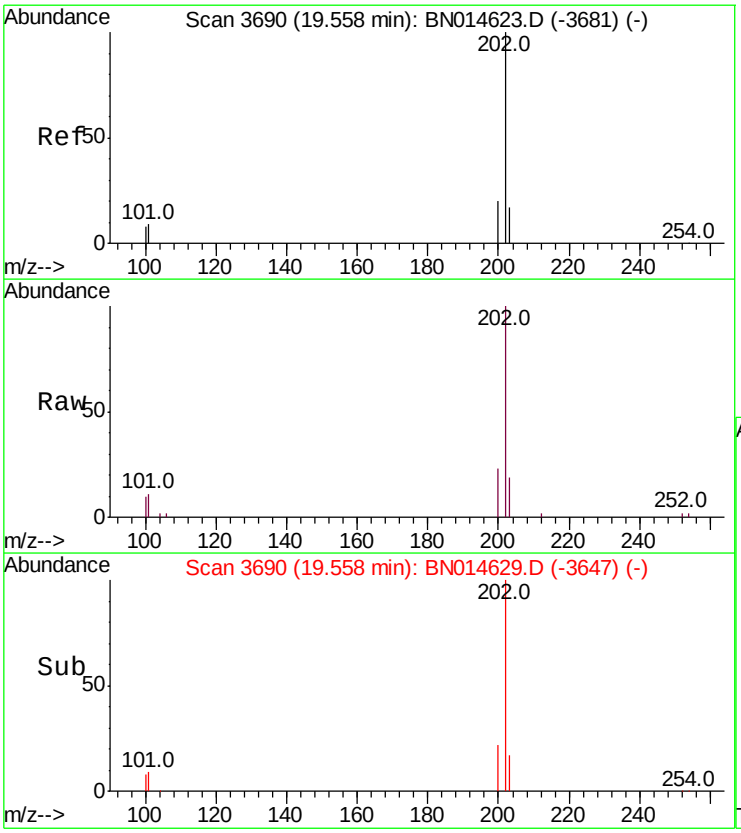
#19
Fluoranthene
Concen: 0.342 ng/ul
RT: 19.19 min Scan# 3611
Delta R.T. -0.00 min
Lab File: BN014629.D
Acq: 14 May 2021 17:51

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion:202 Resp: 3205

Ion	Ratio	Lower	Upper
202	100		
101	10.0	7.6	11.4
100	8.1	5.9	8.9

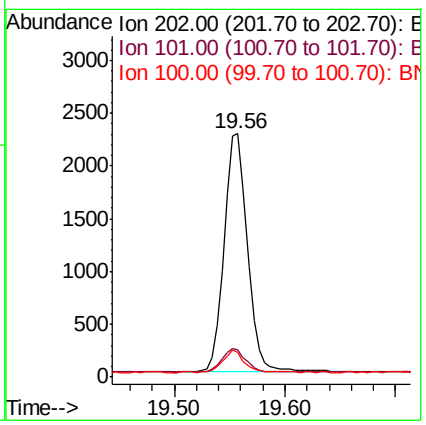


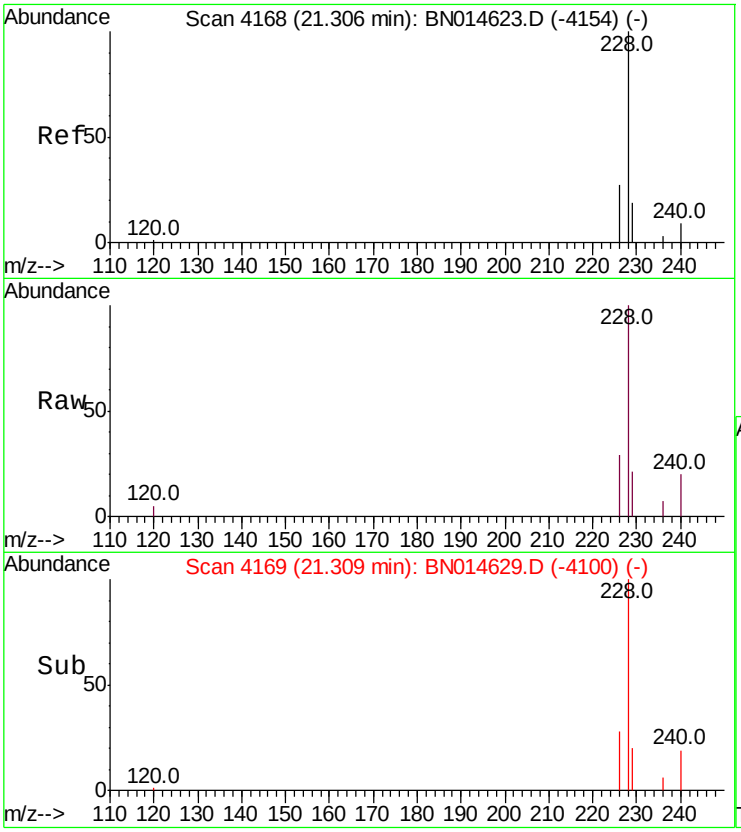


#20
Pyrene
Concen: 0.341 ng/ul
RT: 19.56 min Scan# 3690
Delta R.T. -0.00 min
Lab File: BN014629.D
Acq: 14 May 2021 17:51

Tgt Ion:202 Resp: 3237

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.5	12.7
100	9.9	7.4	11.2



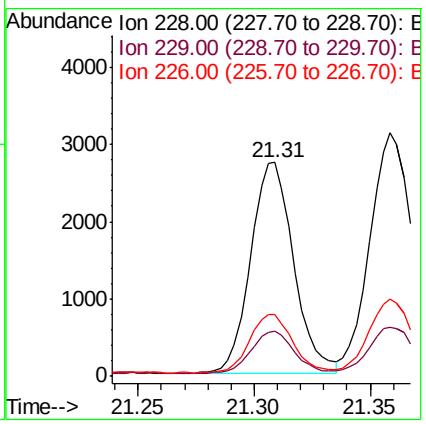


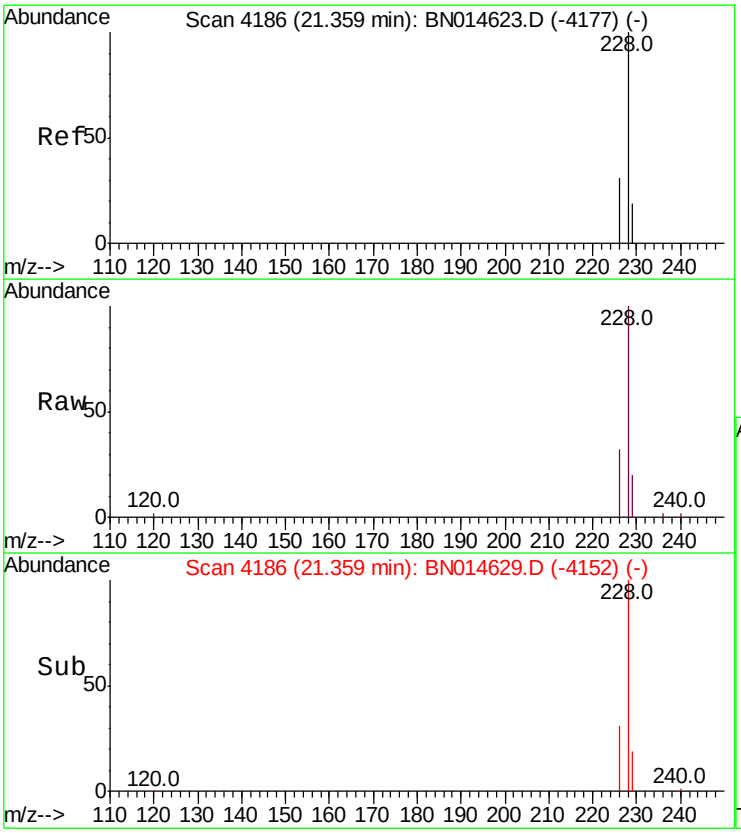
#21
Benzo(a)anthracene
Concen: 0.367 ng/ul
RT: 21.31 min Scan# 4169
Delta R.T. 0.00 min
Lab File: BN014629.D
Acq: 14 May 2021 17:51

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion:228 Resp: 3501

Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.3	24.5
226	29.1	22.6	33.8

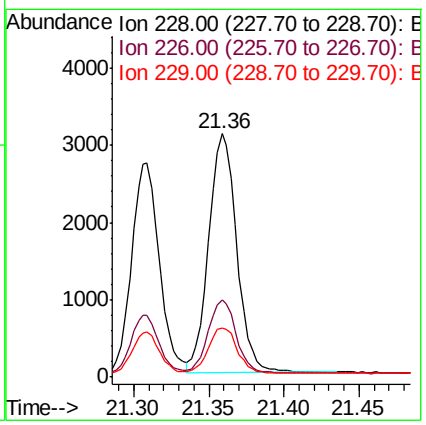


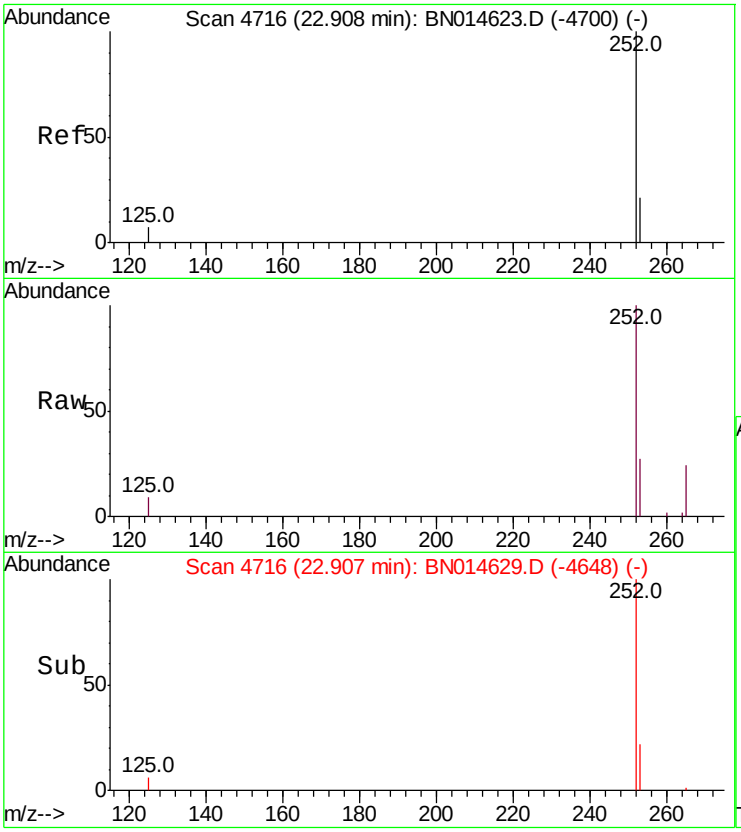


#22
Chrysene
Concen: 0.369 ng/ul
RT: 21.36 min Scan# 4186
Delta R.T. -0.00 min
Lab File: BN014629.D
Acq: 14 May 2021 17:51

Tgt Ion:228 Resp: 4020

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.3	37.9
229	20.1	16.2	24.4



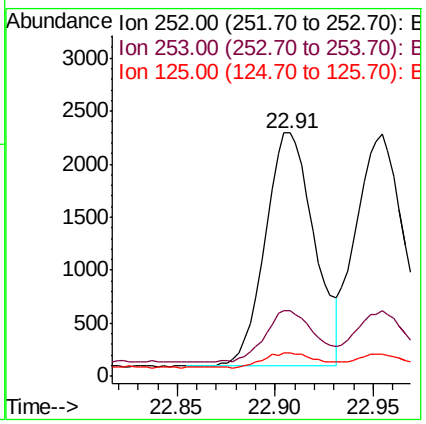


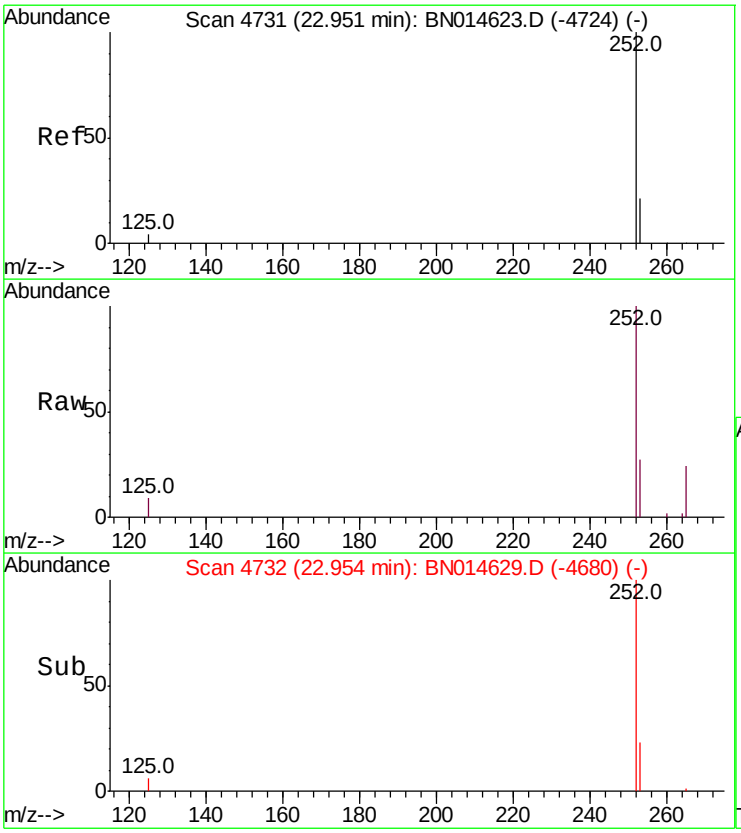
#24
Benzo(b)fluoranthene
Concen: 0.373 ng/ul
RT: 22.91 min Scan# 4716
Delta R.T. -0.00 min
Lab File: BN014629.D
Acq: 14 May 2021 17:51

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion:252 Resp: 3845

Ion	Ratio	Lower	Upper
252	100		
253	26.9	0.0	50.2
125	9.4	0.0	19.4

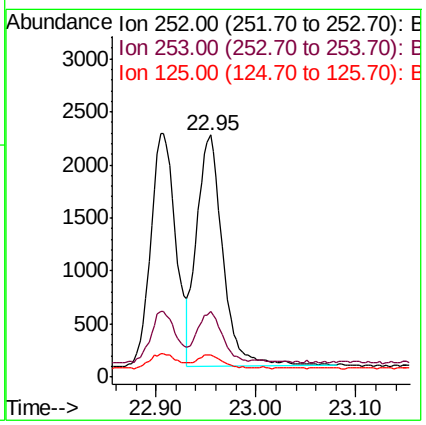


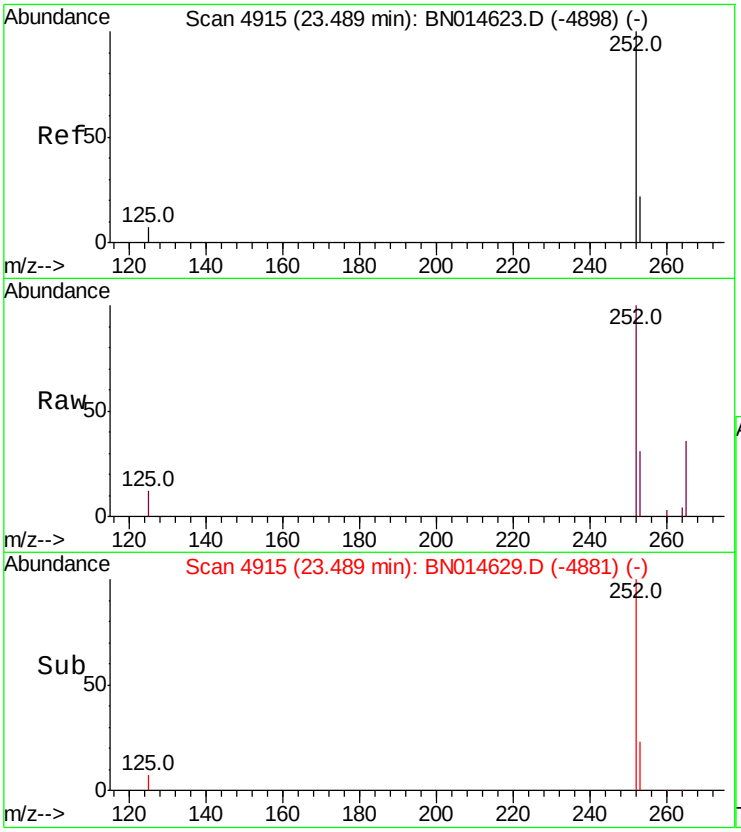


#25
Benzo(k)fluoranthene
Concen: 0.365 ng/ul
RT: 22.95 min Scan# 4732
Delta R.T. 0.00 min
Lab File: BN014629.D
Acq: 14 May 2021 17:51

Tgt Ion:252 Resp: 3970

Ion	Ratio	Lower	Upper
252	100		
253	27.2	20.5	30.7
125	9.3	6.9	10.3



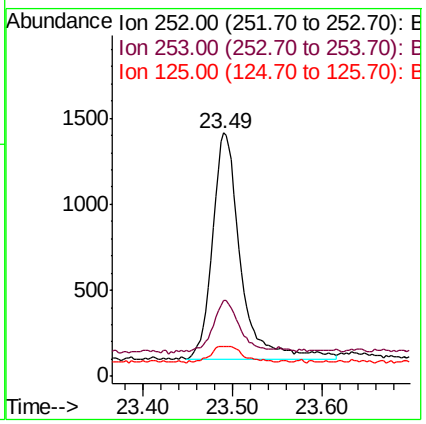


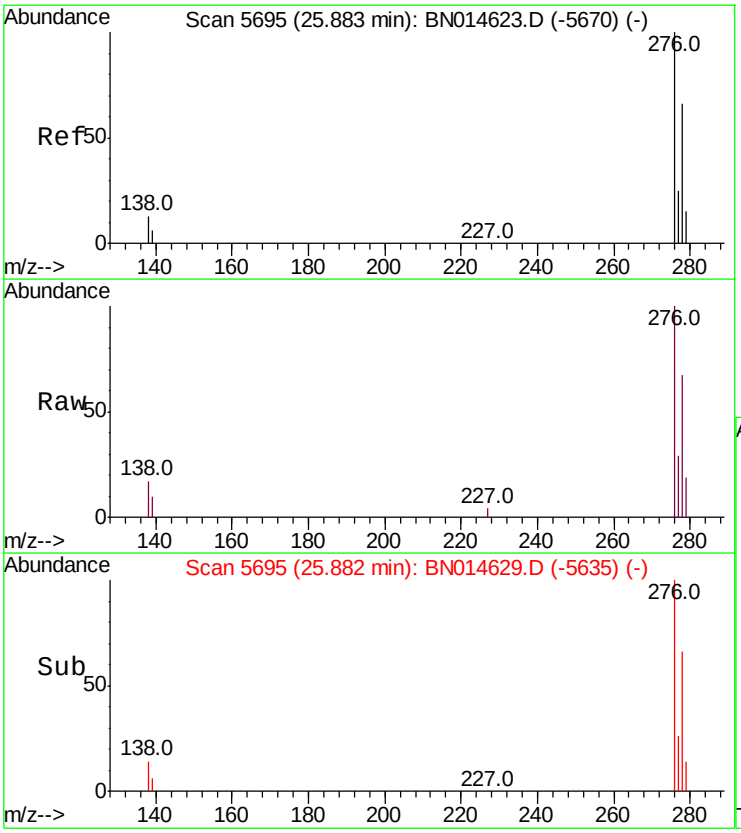
#26
Benzo(a)pyrene
Concen: 0.371 ng/ul
RT: 23.49 min Scan# 4915
Delta R.T. -0.00 min
Lab File: BN014629.D
Acq: 14 May 2021 17:51

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion:252 Resp: 2921

Ion	Ratio	Lower	Upper
252	100		
253	31.4	23.0	34.6
125	12.4	9.5	14.3

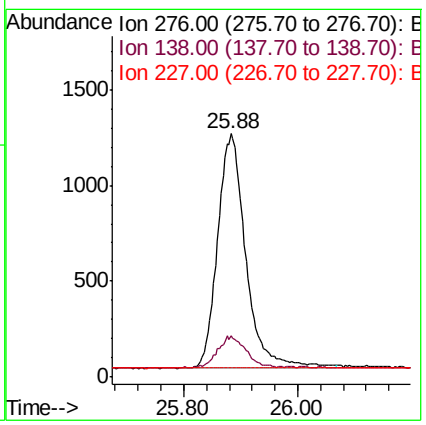


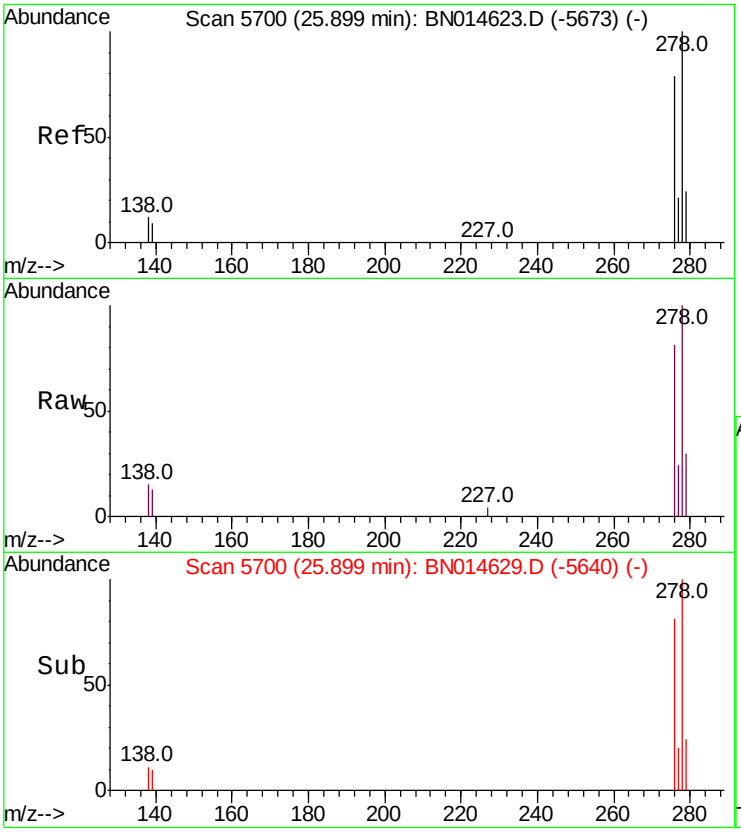


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.374 ng/ul
RT: 25.88 min Scan# 5695
Delta R.T. -0.00 min
Lab File: BN014629.D
Acq: 14 May 2021 17:51

Tgt Ion:276 Resp: 4197

Ion	Ratio	Lower	Upper
276	100		
138	13.7	10.9	16.3
227	0.1	0.1	0.1#



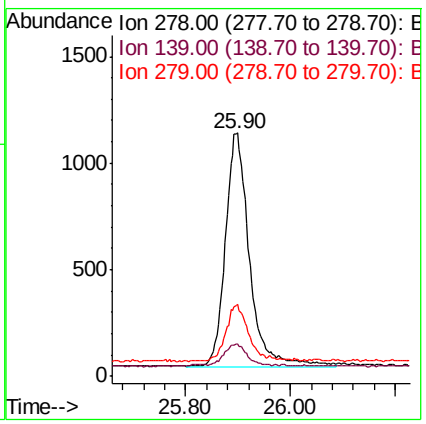


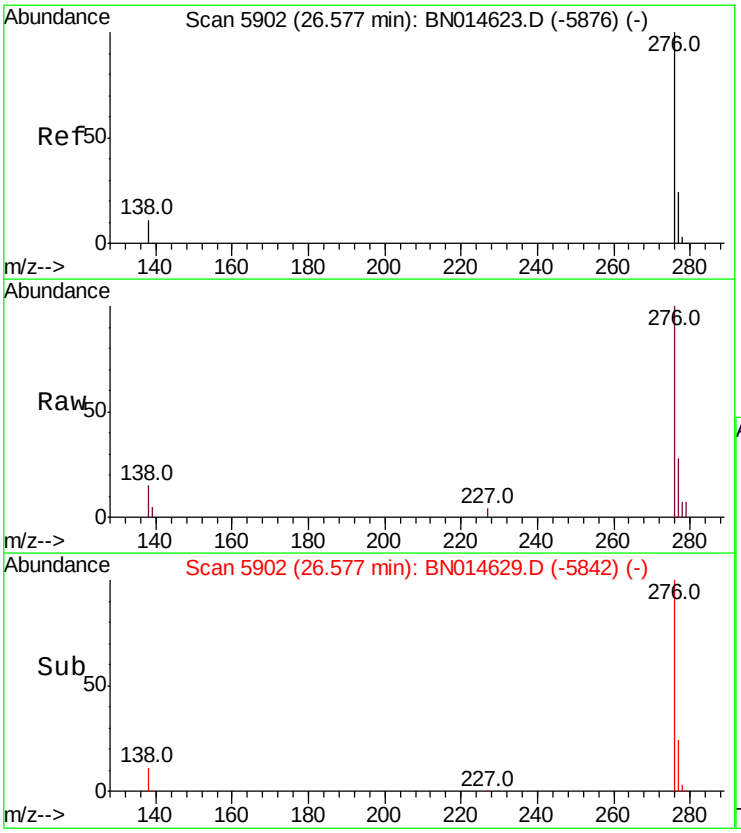
#28
Dibenzo(a,h)anthracene
Concen: 0.389 ng/ul
RT: 25.90 min Scan# 5700
Delta R.T. -0.00 min
Lab File: BN014629.D
Acq: 14 May 2021 17:51

Instrument :
BNA_N
ClientSampleId :
SLCS058

Tgt Ion:278 Resp: 3499

Ion	Ratio	Lower	Upper
278	100		
139	13.4	10.6	16.0
279	29.8	22.6	34.0





#29
Benzo(g,h,i)perylene
Concen: 0.386 ng/ul
RT: 26.58 min Scan# 5902
Delta R.T. -0.00 min
Lab File: BN014629.D
Acq: 14 May 2021 17:51

Tgt Ion:276 Resp: 3692

Ion	Ratio	Lower	Upper
276	100		
138	15.3	11.5	17.3
277	28.0	21.4	32.2