Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051821\
Data File : BN014667.D
Acq On : 18 May 2021 17:12
Operator : CG/JU
Sample : PB136511BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SLCS511

Quant Time: May 19 02:50:51 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	497	0.40	ng/ul	0.00
4) Naphthalene-d8	10.51	136	1622	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.38	164	1141	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.13	188	2827	0.40	ng/ul	0.00
17) Chrysene-d12	21.33	240	3305	0.40	ng/ul	0.00
23) Perylene-d12	23.59	264	3001	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	299	0.59	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.11	152	939	0.33	ng/ul	0.00
18) Fluoranthene-d10	19.16	212	3165	0.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	886	1.663	ng/ul#	85
5) Naphthalene	10.56	128	1527	0.324	ng/ul	96
7) 2-Methylnaphthalene	12.18	142	1067	0.315	ng/ul	97
8) 1-Methylnaphthalene	12.40	142	1034	0.316	ng/ul	97
10) Acenaphthylene	14.09	152	1290	0.313	ng/ul	100
11) Acenaphthene	14.44	153	1239	0.315	ng/ul	98
12) Fluorene	15.43	166	1497	0.310	ng/ul	96
14) Pentachlorophenol	16.78	266	288	0.724	ng/ul	87
15) Phenanthrene	17.17	178	2807	0.319	ng/ul	98
16) Anthracene	17.26	178	2229	0.325	ng/ul	99
19) Fluoranthene	19.19	202	3726	0.363	ng/ul	98
20) Pyrene	19.56	202	3734	0.359	ng/ul	99
21) Benzo(a)anthracene	21.31	228	3628	0.347	ng/ul	98
22) Chrysene	21.36	228	4534	0.380	ng/ul	99
24) Benzo(b)fluoranthene	22.91	252	4576	0.347	ng/ul	97
25) Benzo(k)fluoranthene	22.96	252	4945	0.356	ng/ul	99
26) Benzo(a)pyrene	23.50	252	3737	0.371	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.88	276	5413	0.377	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.90	278	4362	0.379	ng/ul	98
29) Benzo(g,h,i)perylene	26.58	276	4392	0.359	ng/ul	98

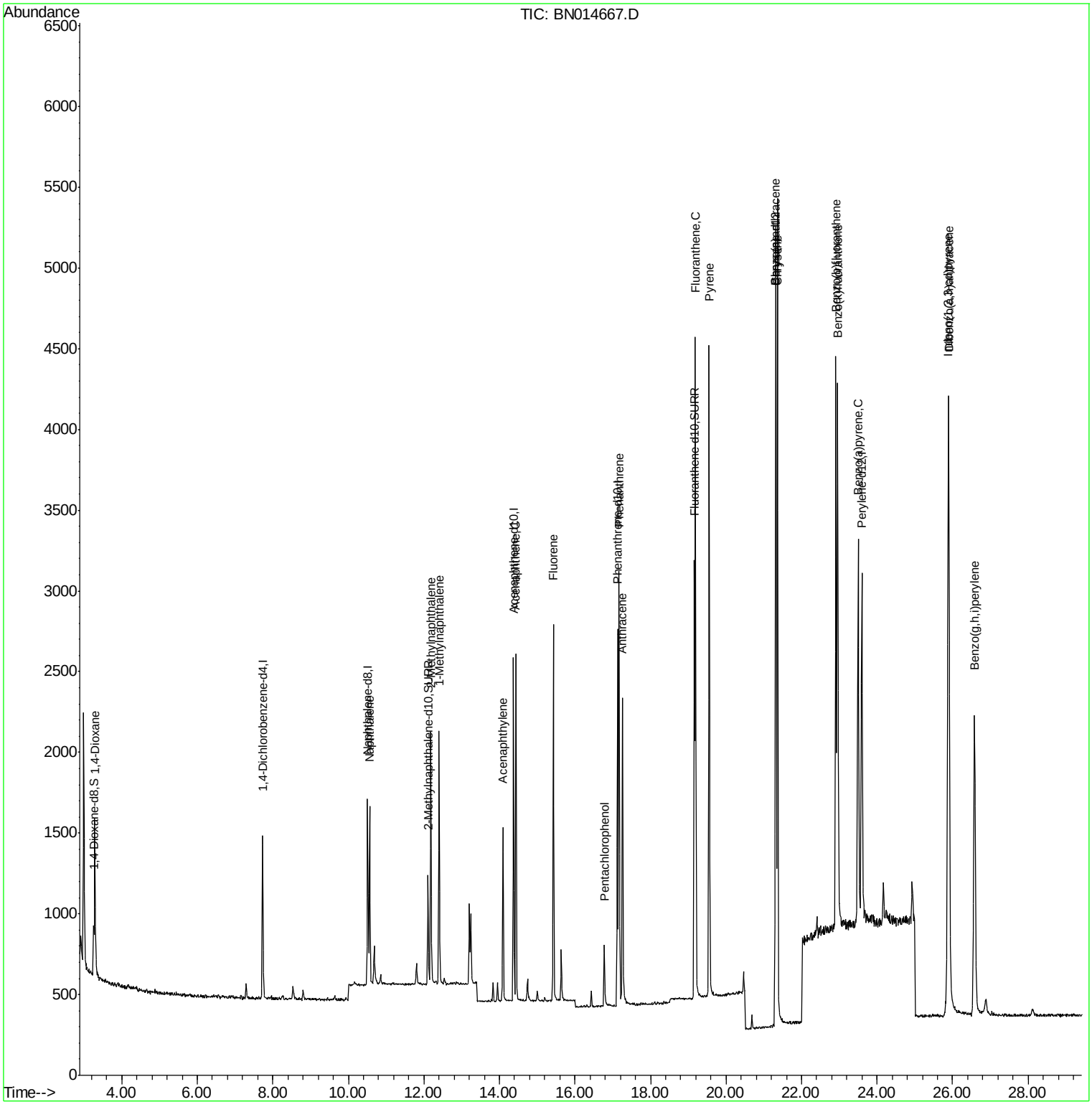
(#) = qualifier out of range (m) = manual integration (+) = signals summed

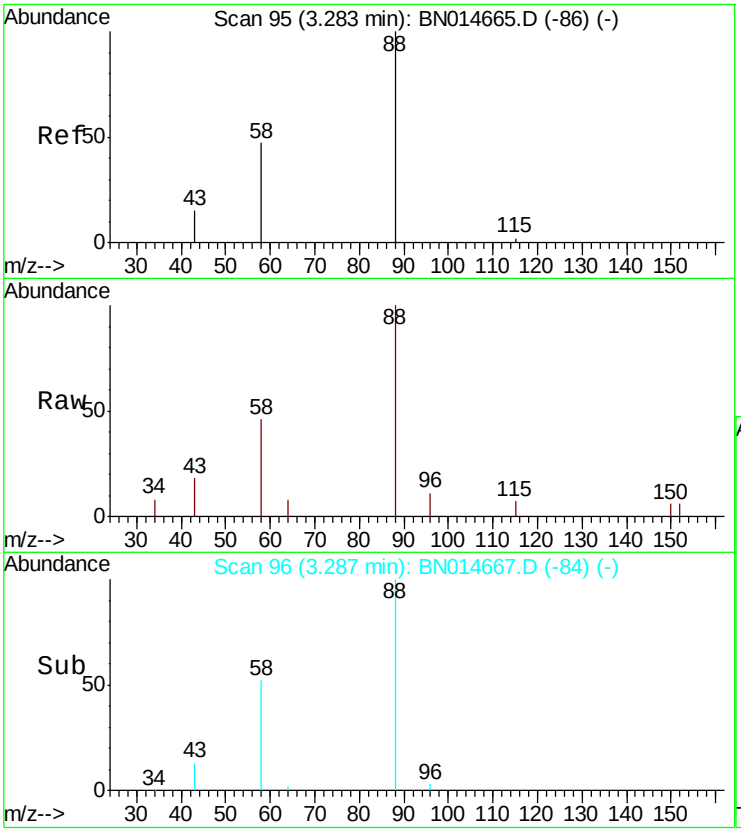
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051821\
Data File : BN014667.D
Acq On : 18 May 2021 17:12
Operator : CG/JU
Sample : PB136511BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS511

Quant Time: May 19 02:50:51 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



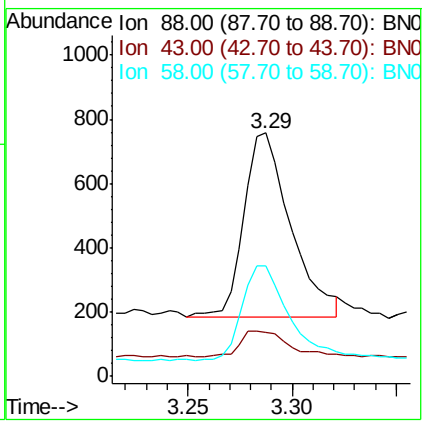


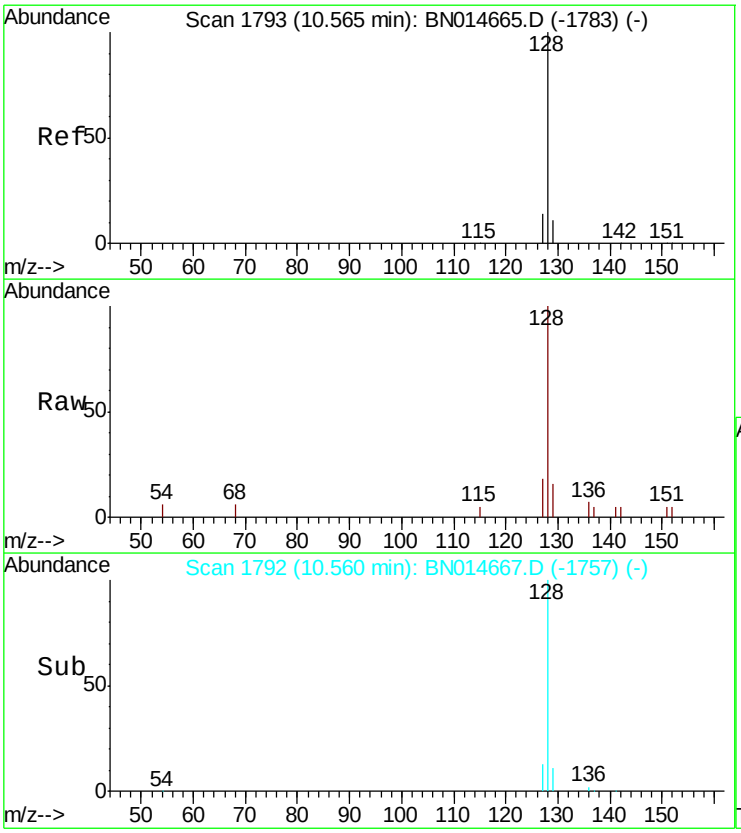
#2
1,4-Dioxane
Concen: 1.663 ng/ul
RT: 3.29 min Scan# 96
Delta R.T. -0.00 min
Lab File: BN014667.D
Acq: 18 May 2021 17:12

Instrument :
BNA_N
ClientSampleId :
SLCS511

Tgt Ion: 88 Resp: 886

Ion	Ratio	Lower	Upper
88	100		
43	18.2	22.5	33.7#
58	45.5	30.4	45.6

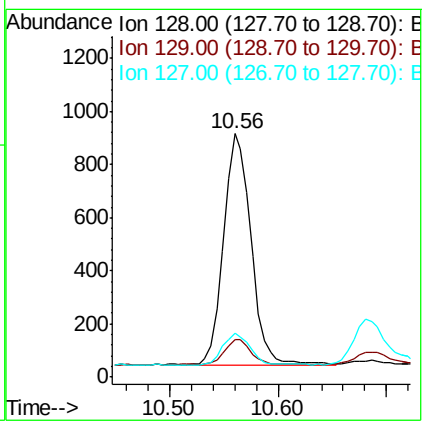


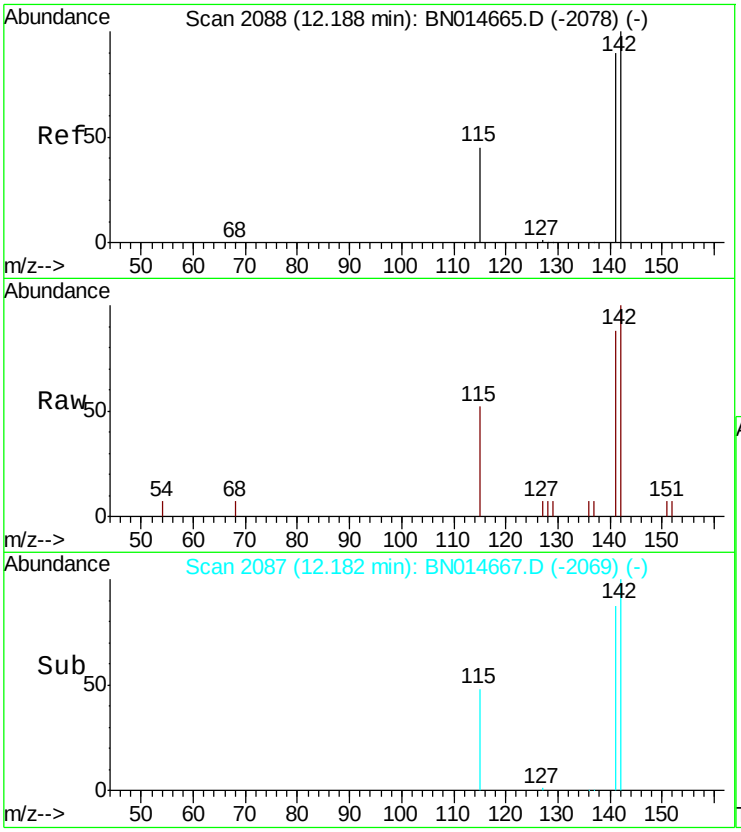


#5
Naphthalene
Concen: 0.324 ng/ul
RT: 10.56 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BN014667.D
Acq: 18 May 2021 17:12

Tgt Ion:128 Resp: 1527

Ion	Ratio	Lower	Upper
128	100		
129	15.6	10.9	16.3
127	17.8	15.7	23.5



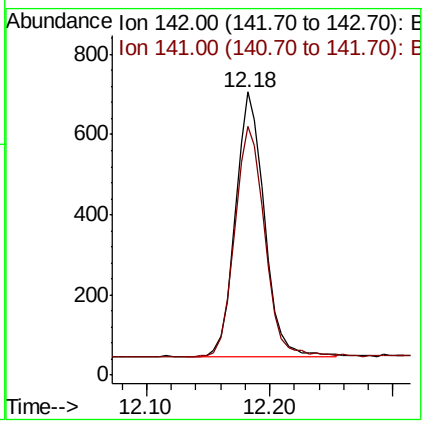


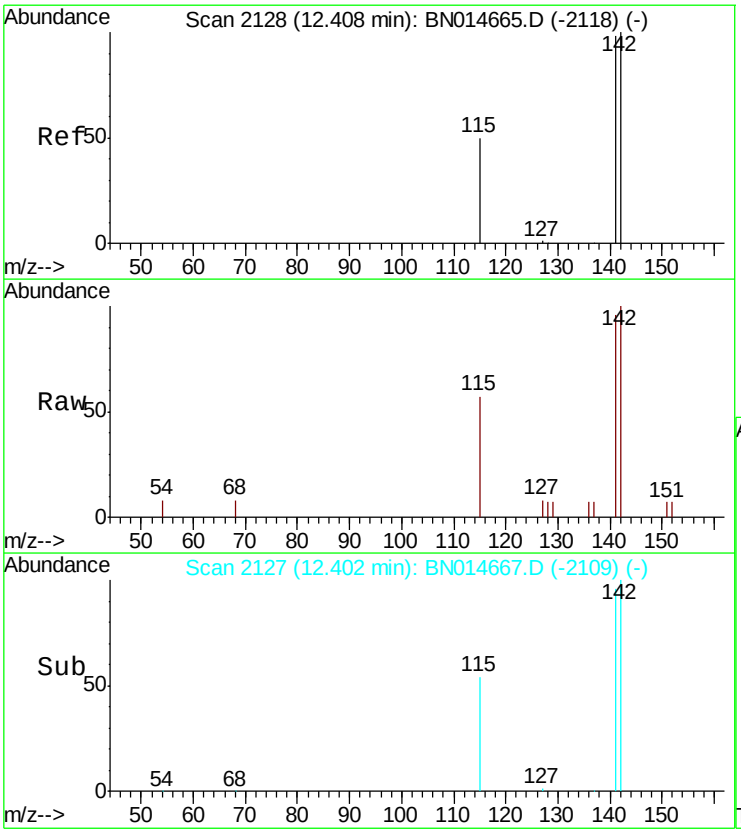
#7
2-Methylnaphthalene
Concen: 0.315 ng/ul
RT: 12.18 min Scan# 2087
Delta R.T. -0.00 min
Lab File: BN014667.D
Acq: 18 May 2021 17:12

Instrument :
BNA_N
ClientSampleId :
SLCS511

Tgt Ion:142 Resp: 1067

Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.2	105.2

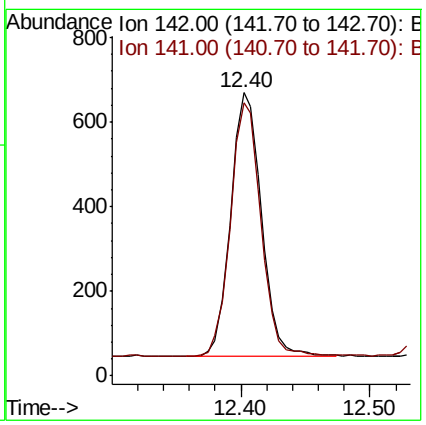


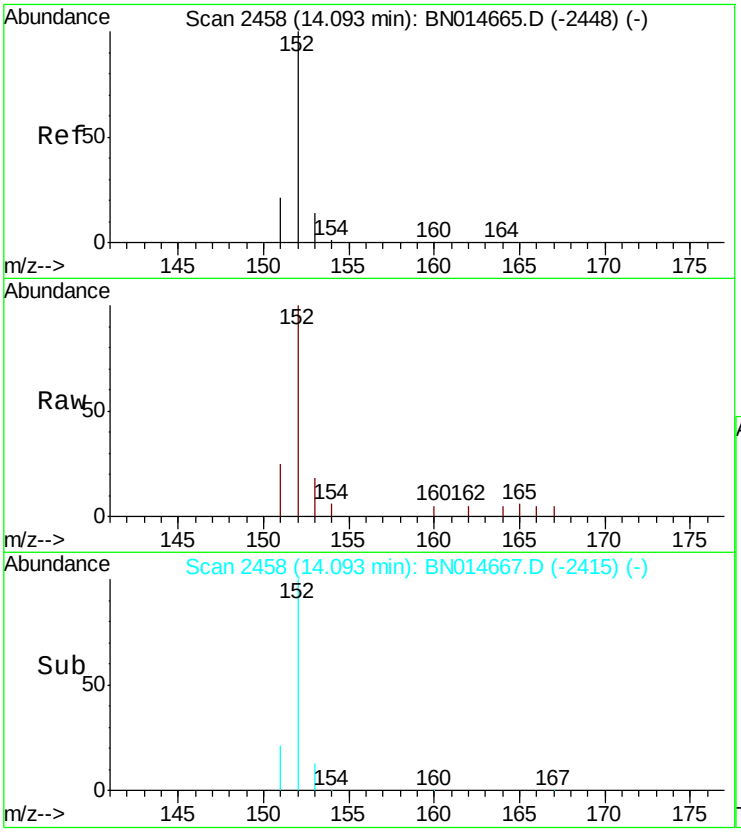


#8
1-Methylnaphthalene
Concen: 0.316 ng/ul
RT: 12.40 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BN014667.D
Acq: 18 May 2021 17:12

Tgt Ion:142 Resp: 1034

Ion	Ratio	Lower	Upper
142	100		
141	95.0	73.9	110.9



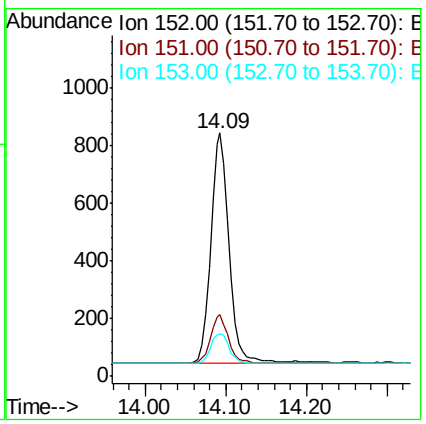


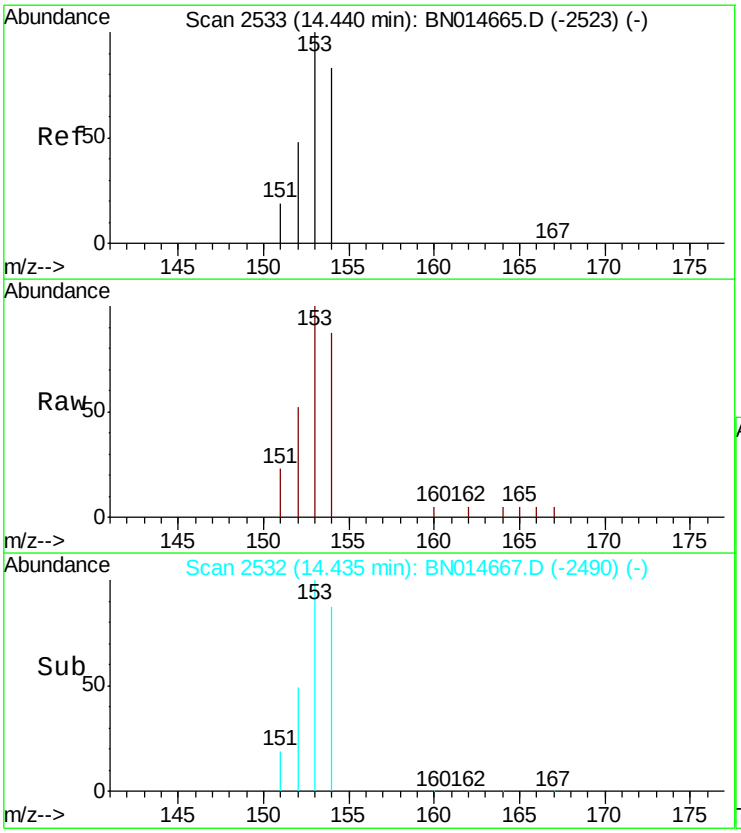
#10
Acenaphthylene
Concen: 0.313 ng/ul
RT: 14.09 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BN014667.D
Acq: 18 May 2021 17:12

Instrument :
BNA_N
ClientSampleId :
SLCS511

Tgt Ion:152 Resp: 1290

Ion	Ratio	Lower	Upper
152	100		
151	25.4	20.2	30.4
153	17.7	14.2	21.4

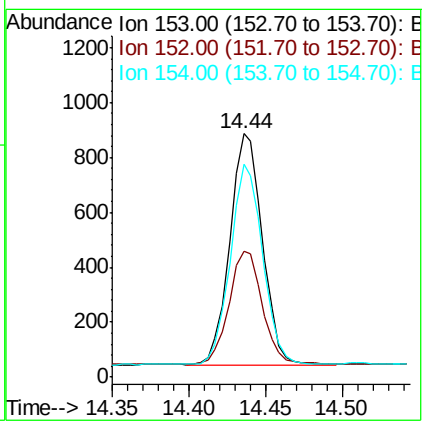


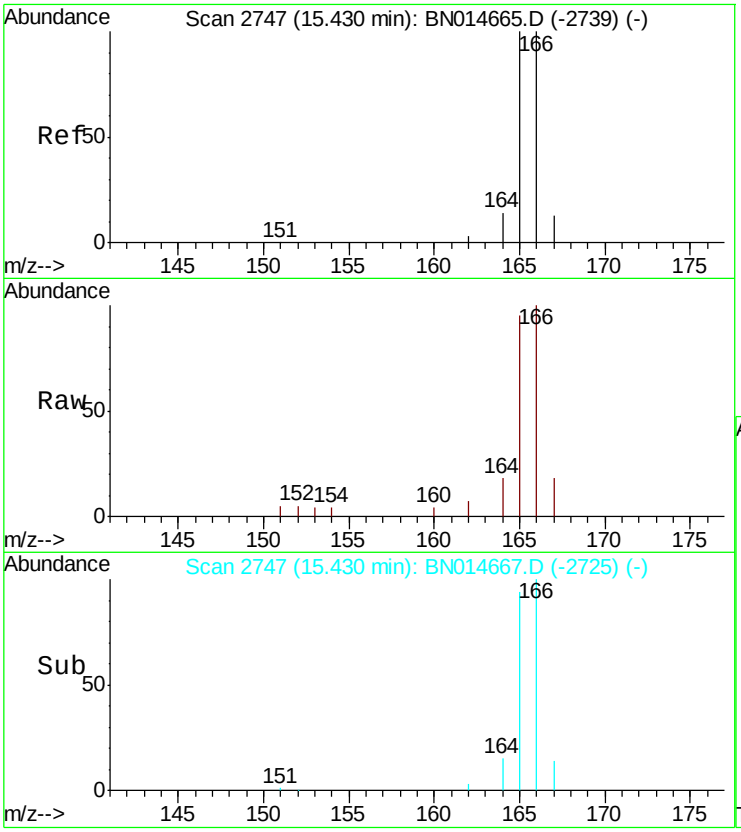


#11
Acenaphthene
Concen: 0.315 ng/ul
RT: 14.44 min Scan# 2532
Delta R.T. -0.00 min
Lab File: BN014667.D
Acq: 18 May 2021 17:12

Tgt Ion:153 Resp: 1239

Ion	Ratio	Lower	Upper
153	100		
152	51.7	39.7	59.5
154	87.4	71.0	106.4



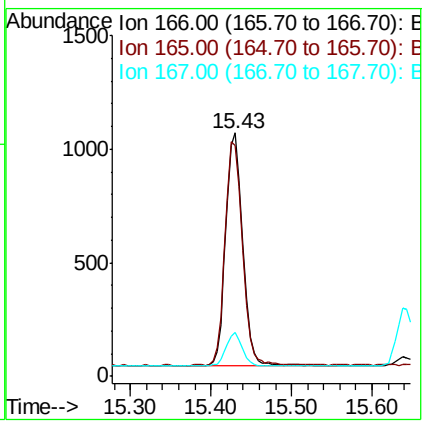


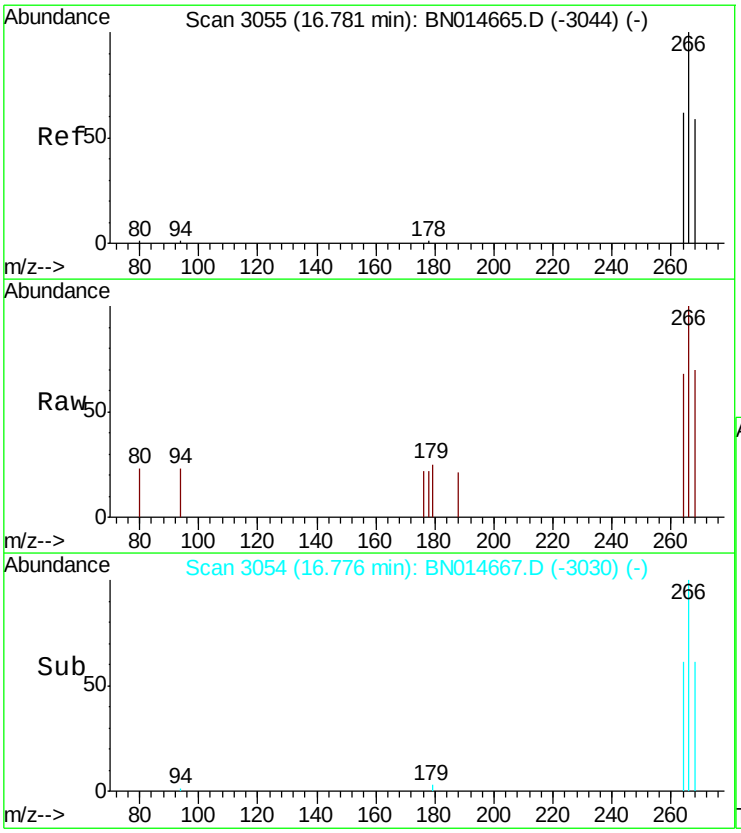
#12
Fluorene
Concen: 0.310 ng/ul
RT: 15.43 min Scan# 2747
Delta R.T. -0.00 min
Lab File: BN014667.D
Acq: 18 May 2021 17:12

Instrument :
BNA_N
ClientSampleId :
SLCS511

Tgt Ion:166 Resp: 1497

Ion	Ratio	Lower	Upper
166	100		
165	94.6	79.3	118.9
167	17.8	13.8	20.6

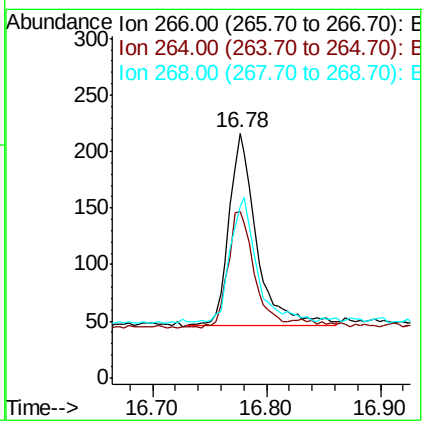


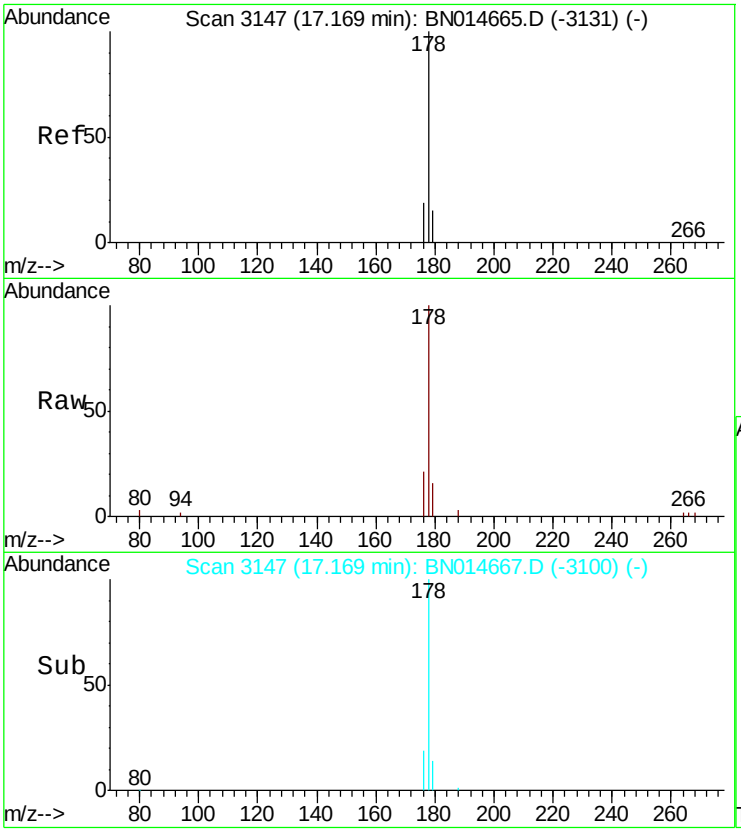


#14
Pentachlorophenol
Concen: 0.724 ng/ul
RT: 16.78 min Scan# 3054
Delta R.T. -0.00 min
Lab File: BN014667.D
Acq: 18 May 2021 17:12

Tgt Ion:266 Resp: 288

Ion	Ratio	Lower	Upper
266	100		
264	57.6	52.9	79.3
268	61.8	59.4	89.0



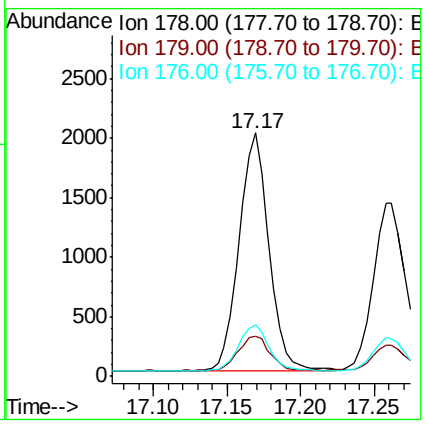


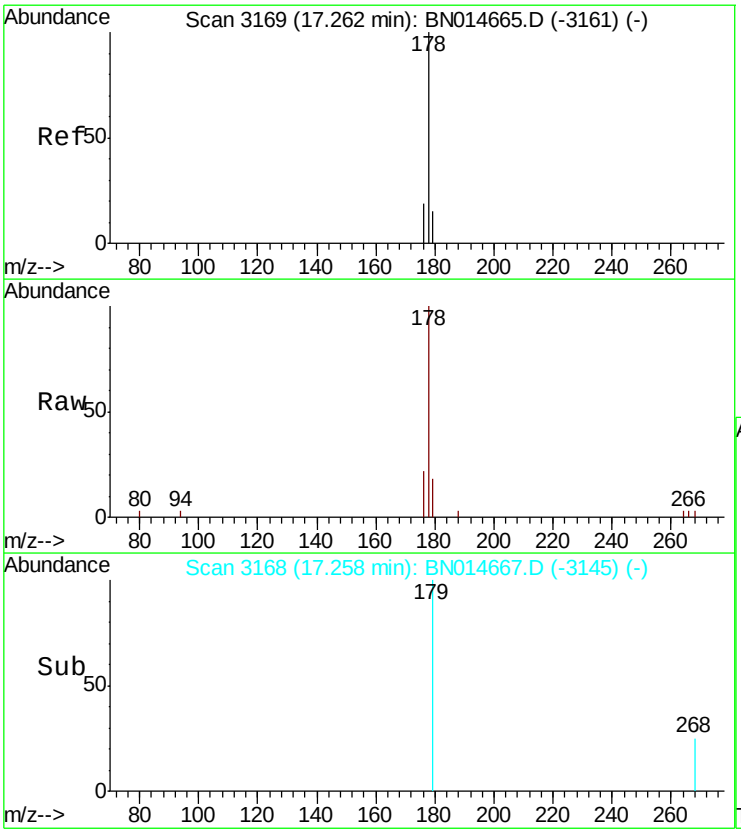
#15
Phenanthrene
Concen: 0.319 ng/ul
RT: 17.17 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BN014667.D
Acq: 18 May 2021 17:12

Instrument :
BNA_N
ClientSampleId :
SLCS511

Tgt Ion:178 Resp: 2807

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.8	20.6
176	21.1	16.2	24.4

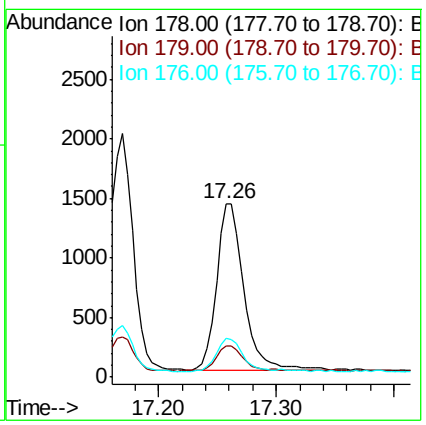


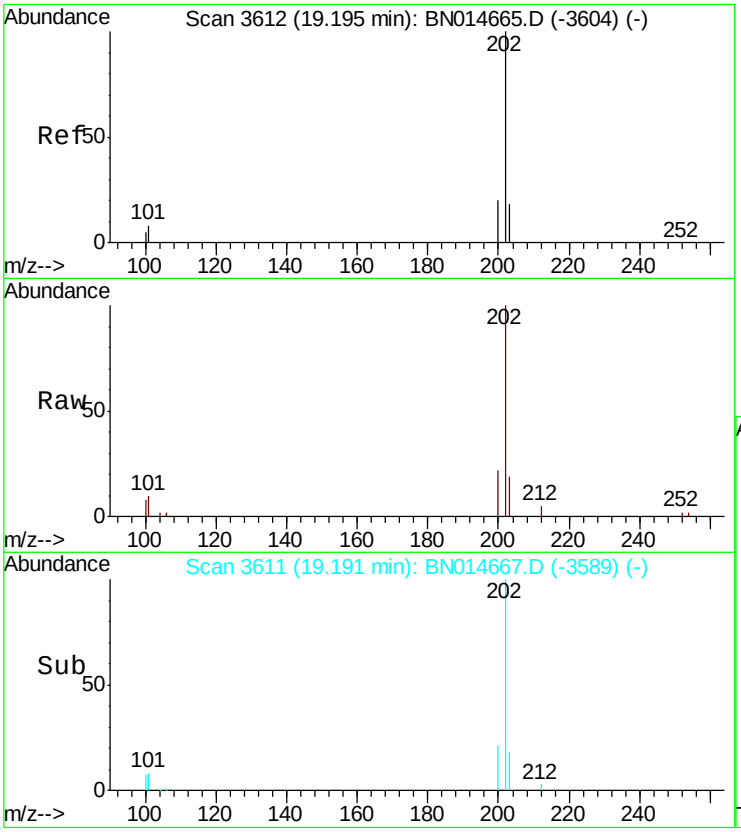


#16
Anthracene
Concen: 0.325 ng/ul
RT: 17.26 min Scan# 3168
Delta R.T. -0.00 min
Lab File: BN014667.D
Acq: 18 May 2021 17:12

Tgt Ion:178 Resp: 2229

Ion	Ratio	Lower	Upper
178	100		
179	18.3	14.3	21.5
176	22.0	17.1	25.7



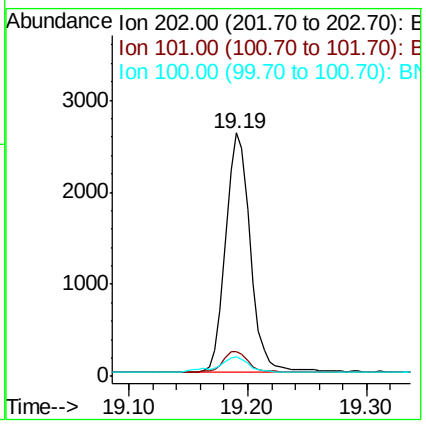


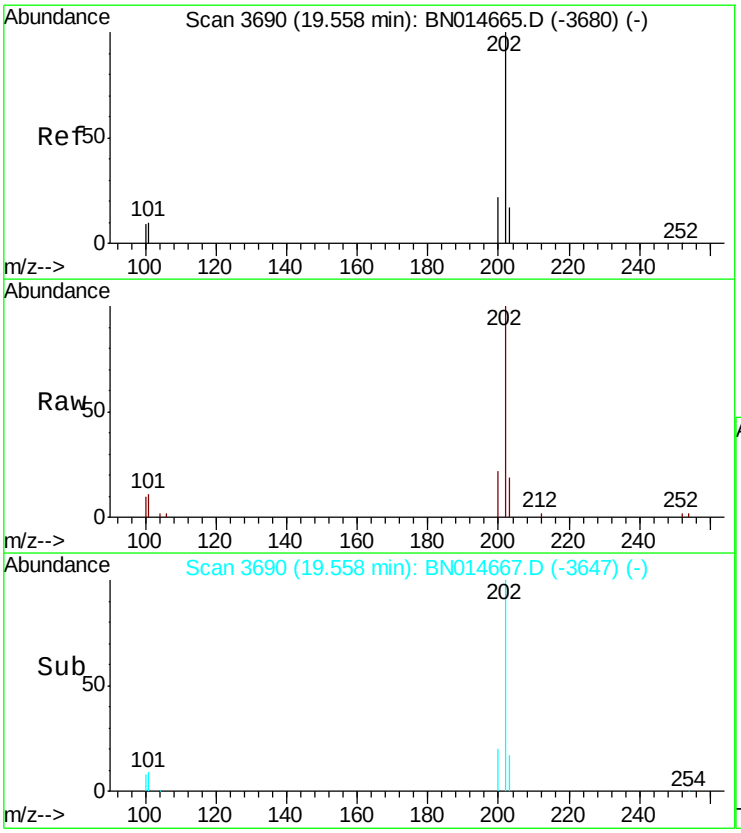
#19
Fluoranthene
Concen: 0.363 ng/ul
RT: 19.19 min Scan# 3611
Delta R.T. -0.00 min
Lab File: BN014667.D
Acq: 18 May 2021 17:12

Instrument :
BNA_N
ClientSampleId :
SLCS511

Tgt Ion:202 Resp: 3726

Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.6	11.4
100	8.3	5.9	8.9

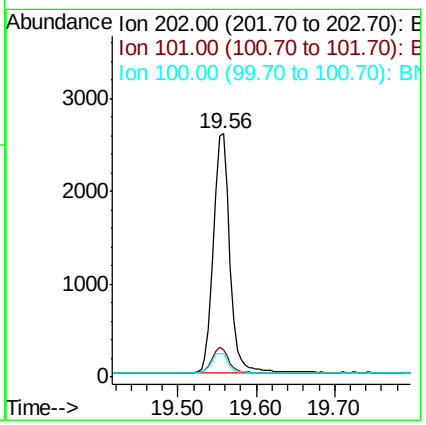


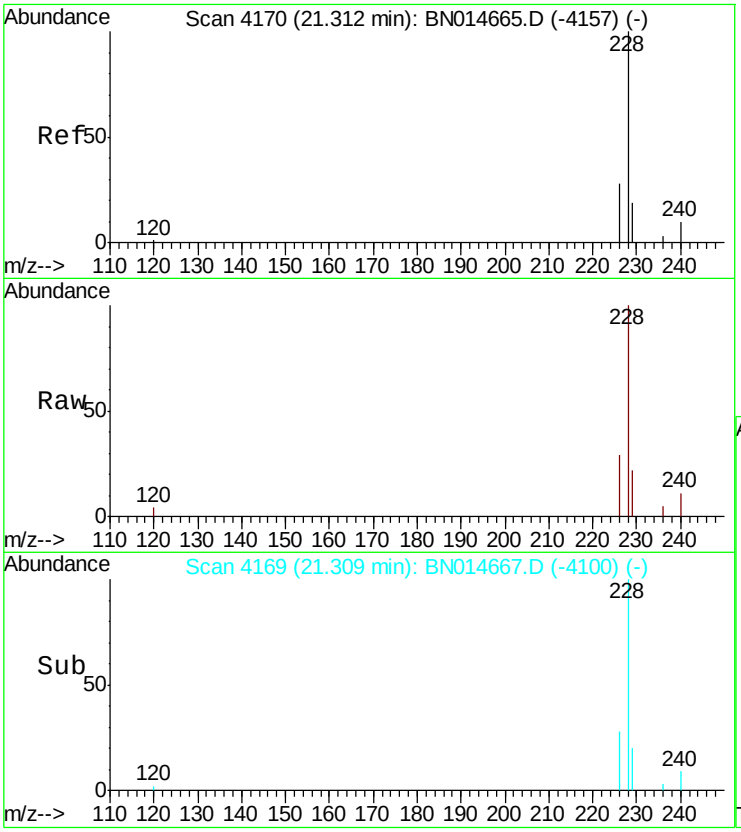


#20
Pyrene
Concen: 0.359 ng/ul
RT: 19.56 min Scan# 3690
Delta R.T. -0.00 min
Lab File: BN014667.D
Acq: 18 May 2021 17:12

Tgt Ion:202 Resp: 3734

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.5	12.7
100	9.8	7.4	11.2



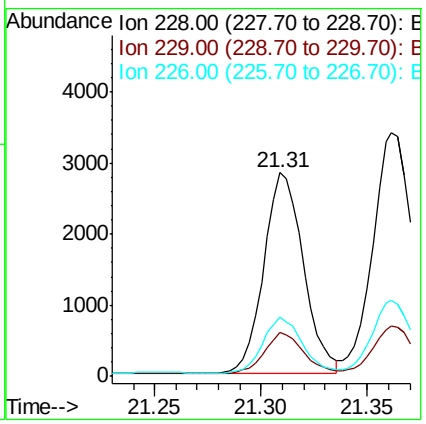


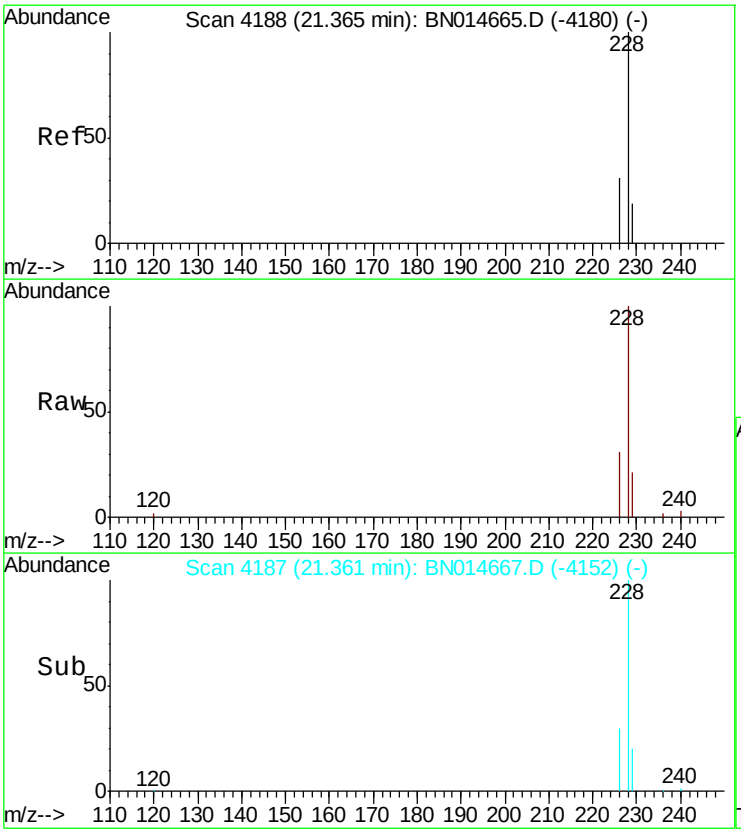
#21
Benzo(a)anthracene
Concen: 0.347 ng/ul
RT: 21.31 min Scan# 4169
Delta R.T. 0.00 min
Lab File: BN014667.D
Acq: 18 May 2021 17:12

Instrument :
BNA_N
ClientSampleId :
SLCS511

Tgt Ion:228 Resp: 3628

Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.3	24.5
226	29.1	22.6	33.8

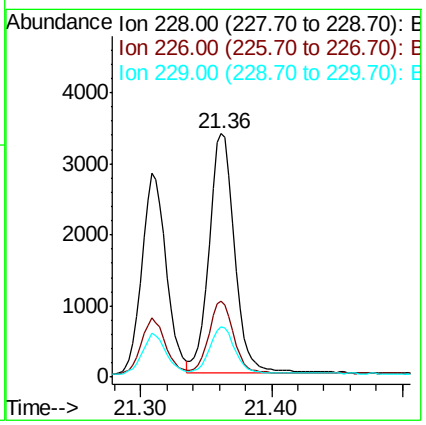


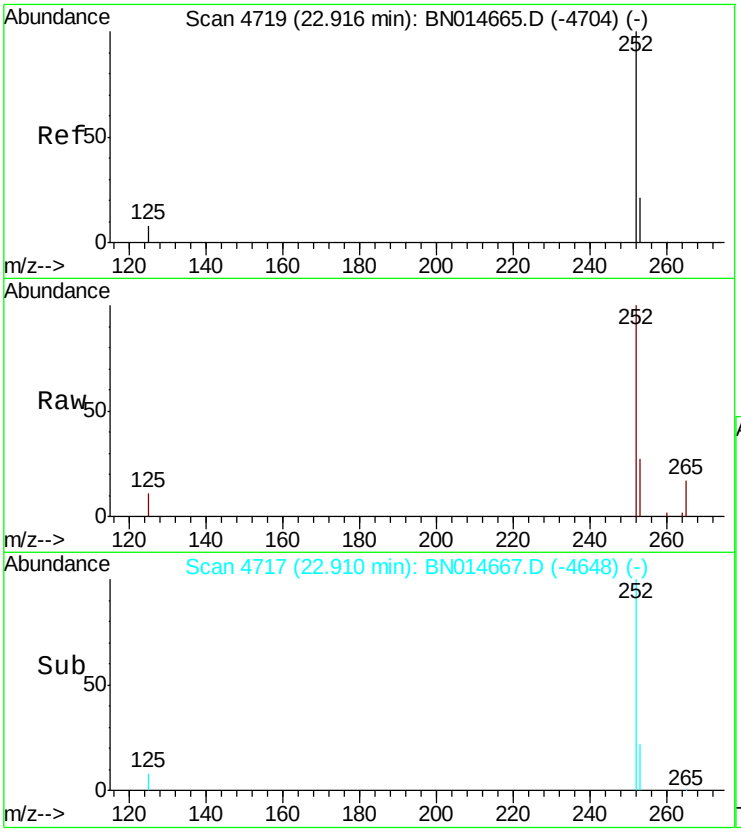


#22
Chrysene
Concen: 0.380 ng/ul
RT: 21.36 min Scan# 4187
Delta R.T. 0.00 min
Lab File: BN014667.D
Acq: 18 May 2021 17:12

Tgt Ion:228 Resp: 4534

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.3	37.9
229	20.8	16.2	24.4



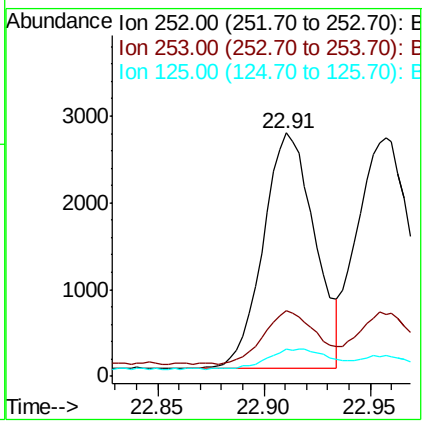


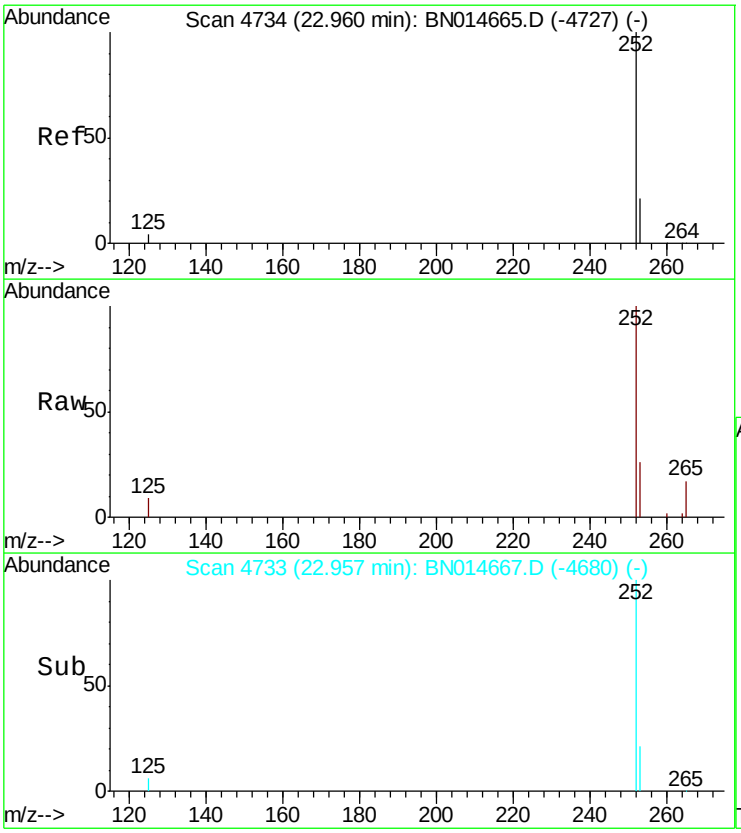
#24
Benzo(b)fluoranthene
Concen: 0.347 ng/ul
RT: 22.91 min Scan# 4717
Delta R.T. 0.00 min
Lab File: BN014667.D
Acq: 18 May 2021 17:12

Instrument :
BNA_N
ClientSampleId :
SLCS511

Tgt Ion:252 Resp: 4576

Ion	Ratio	Lower	Upper
252	100		
253	26.9	0.0	50.2
125	11.0	0.0	19.4

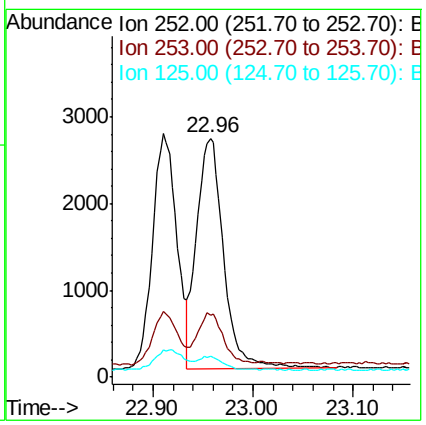


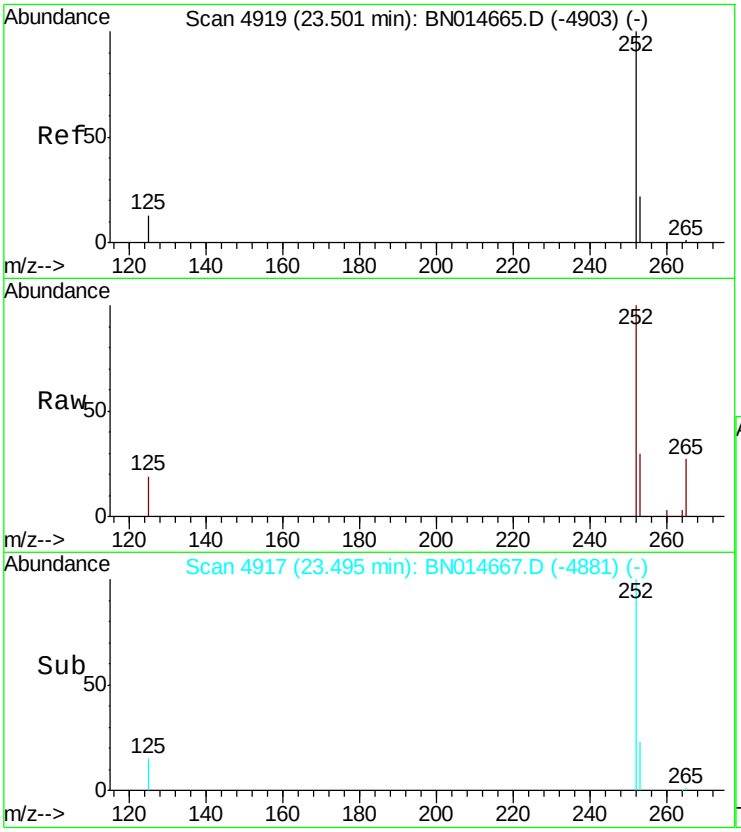


#25
Benzo(k)fluoranthene
Concen: 0.356 ng/ul
RT: 22.96 min Scan# 4733
Delta R.T. 0.01 min
Lab File: BN014667.D
Acq: 18 May 2021 17:12

Tgt Ion:252 Resp: 4945

Ion	Ratio	Lower	Upper
252	100		
253	26.0	20.5	30.7
125	9.0	6.9	10.3



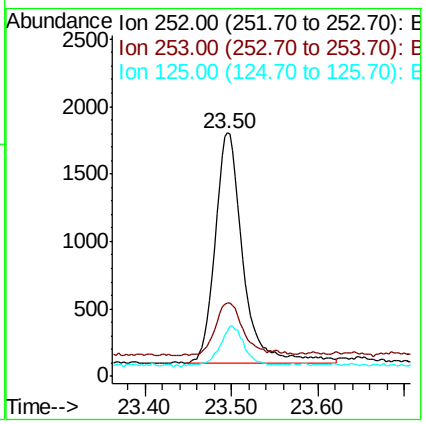


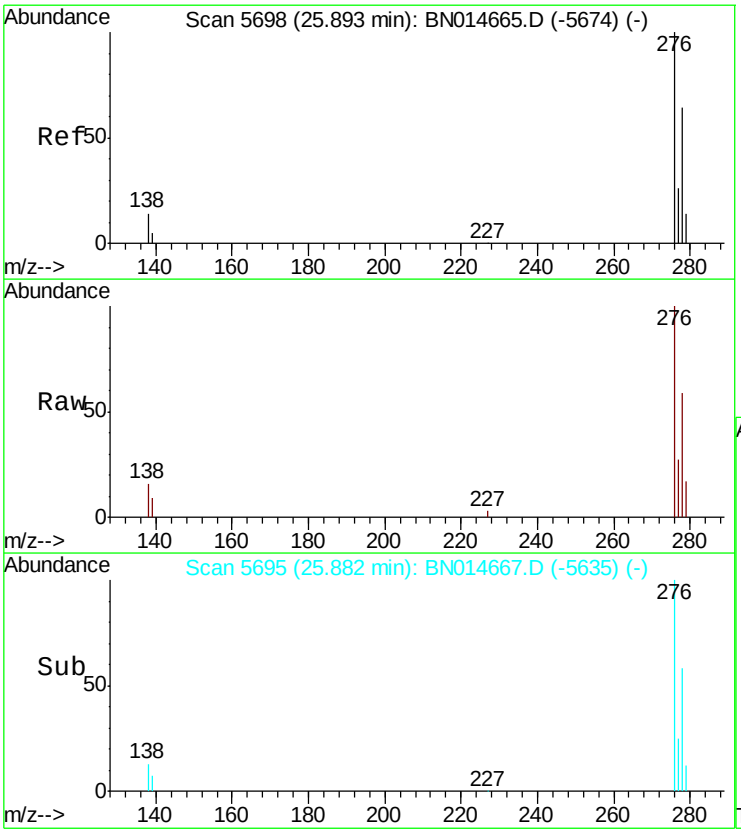
#26
Benzo(a)pyrene
Concen: 0.371 ng/ul
RT: 23.50 min Scan# 4917
Delta R.T. 0.01 min
Lab File: BN014667.D
Acq: 18 May 2021 17:12

Instrument :
BNA_N
ClientSampleId :
SLCS511

Tgt Ion:252 Resp: 3737

Ion	Ratio	Lower	Upper
252	100		
253	30.4	23.0	34.6
125	18.7	9.5	14.3#

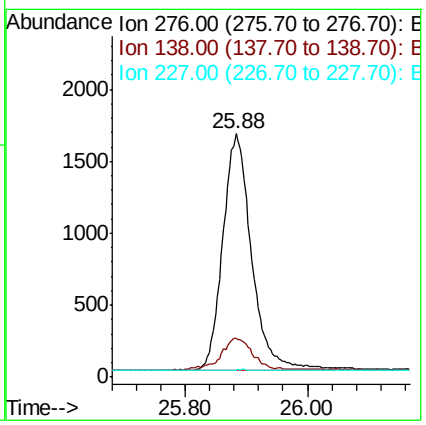


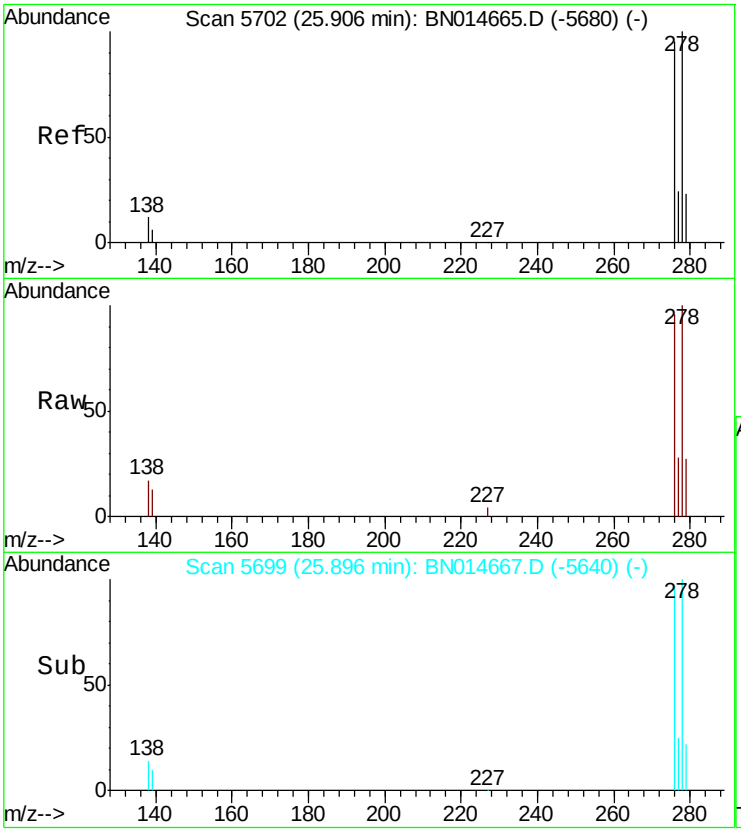


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.377 ng/ul
RT: 25.88 min Scan# 5695
Delta R.T. -0.00 min
Lab File: BN014667.D
Acq: 18 May 2021 17:12

Tgt Ion:276 Resp: 5413

Ion	Ratio	Lower	Upper
276	100		
138	13.0	10.9	16.3
227	0.1	0.1	0.1#



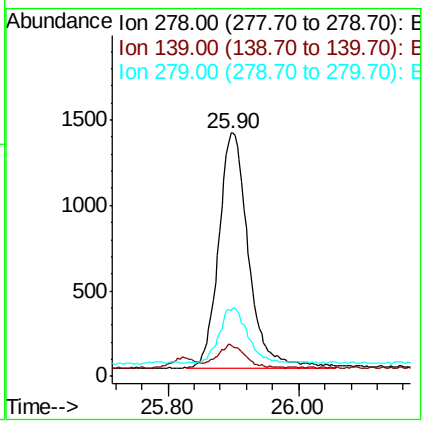


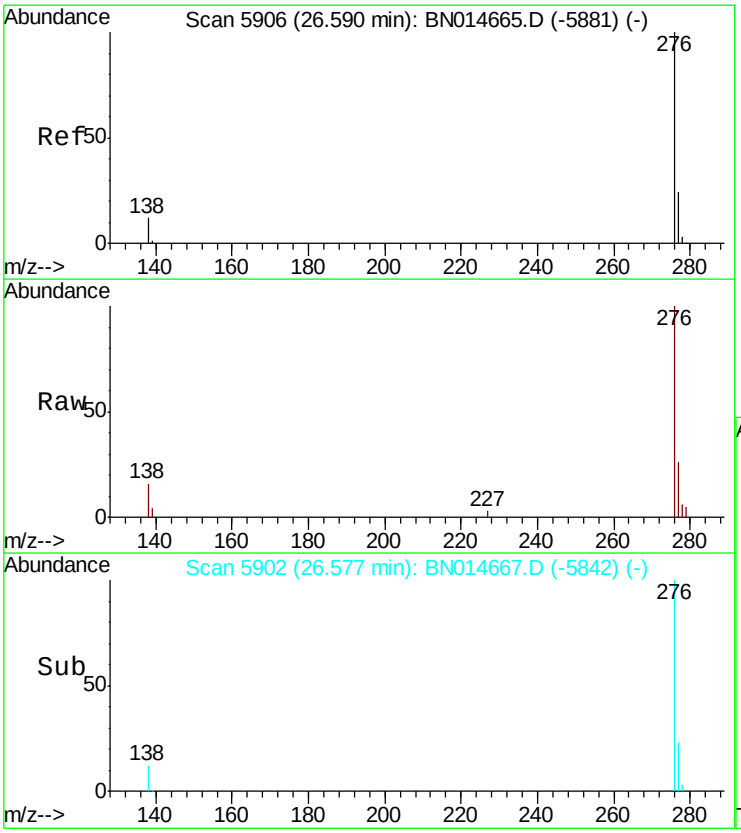
#28
Dibenzo(a,h)anthracene
Concen: 0.379 ng/ul
RT: 25.90 min Scan# 5699
Delta R.T. -0.00 min
Lab File: BN014667.D
Acq: 18 May 2021 17:12

Instrument :
BNA_N
ClientSampleId :
SLCS511

Tgt Ion:278 Resp: 4362

Ion	Ratio	Lower	Upper
278	100		
139	12.8	10.6	16.0
279	26.9	22.6	34.0





#29
Benzo(g,h,i)perylene
Concen: 0.359 ng/ul
RT: 26.58 min Scan# 5902
Delta R.T. -0.00 min
Lab File: BN014667.D
Acq: 18 May 2021 17:12

Tgt Ion:276 Resp: 4392

Ion	Ratio	Lower	Upper
276	100		
138	15.6	11.5	17.3
277	26.2	21.4	32.2