Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051221\
Data File : BN014577.D
Acq On : 12 May 2021 13:30
Operator : CG/JU
Sample : SSTD1.605
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD1.6005

Quant Time: May 12 14:04:11 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 12:52:43 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	628	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	2102	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.38	164	1407	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.14	188	3423	0.40	ng/ul	0.00
17) Chrysene-d12	21.33	240	4133	0.40	ng/ul	0.00
23) Perylene-d12	23.60	264	3261	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	958	1.40	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.12	152	5272	1.62	ng/ul	0.00
18) Fluoranthene-d10	19.17	212	15975	1.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	1043	1.496	ng/ul#	82
5) Naphthalene	10.58	128	8758	1.408	ng/ul#	93
7) 2-Methylnaphthalene	12.20	142	6398	1.614	ng/ul	100
8) 1-Methylnaphthalene	12.42	142	6182	1.622	ng/ul	97
10) Acenaphthylene	14.10	152	8100	1.229	ng/ul	96
11) Acenaphthene	14.45	153	7060	1.375	ng/ul	99
12) Fluorene	15.44	166	8655	1.511	ng/ul	97
14) Pentachlorophenol	16.78	266	991	0.894	ng/ul	98
15) Phenanthrene	17.18	178	15342	1.388	ng/ul	96
16) Anthracene	17.27	178	13298	1.374	ng/ul	97
19) Fluoranthene	19.20	202	19837	1.197	ng/ul	97
20) Pyrene	19.56	202	19363	1.148	ng/ul	98
21) Benzo(a)anthracene	21.31	228	18913	1.237	ng/ul	99
22) Chrysene	21.37	228	21692	1.367	ng/ul	98
24) Benzo(b)fluoranthene	22.92	252	20753	1.413	ng/ul	94
25) Benzo(k)fluoranthene	22.96	252	21983	1.474	ng/ul#	95
26) Benzo(a)pyrene	23.50	252	16275	1.337	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.90	276	23771	1.417	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.91	278	19758	1.475	ng/ul	95
29) Benzo(g,h,i)perylene	26.59	276	19920	1.409	ng/ul	96

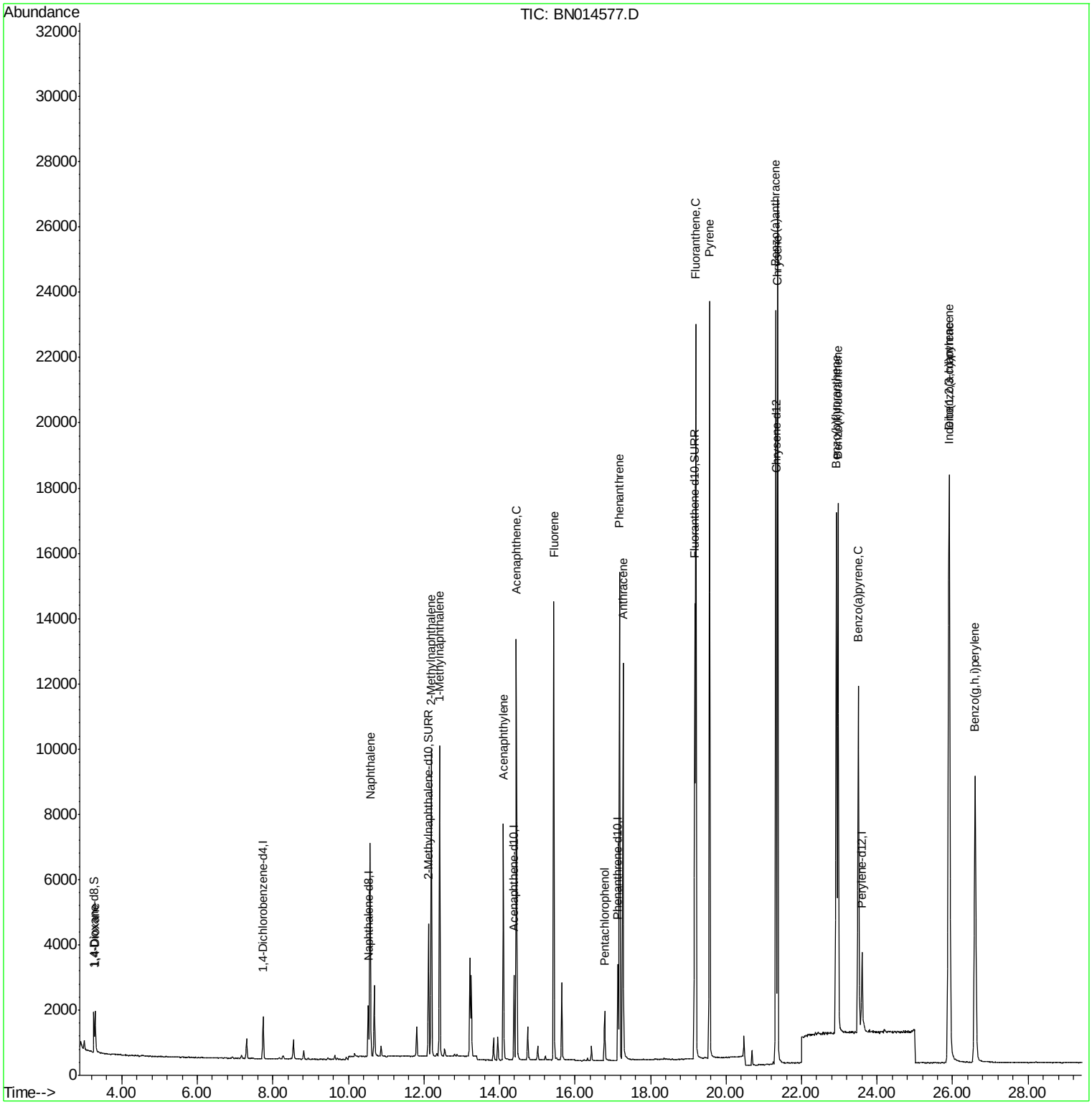
(#) = qualifier out of range (m) = manual integration (+) = signals summed

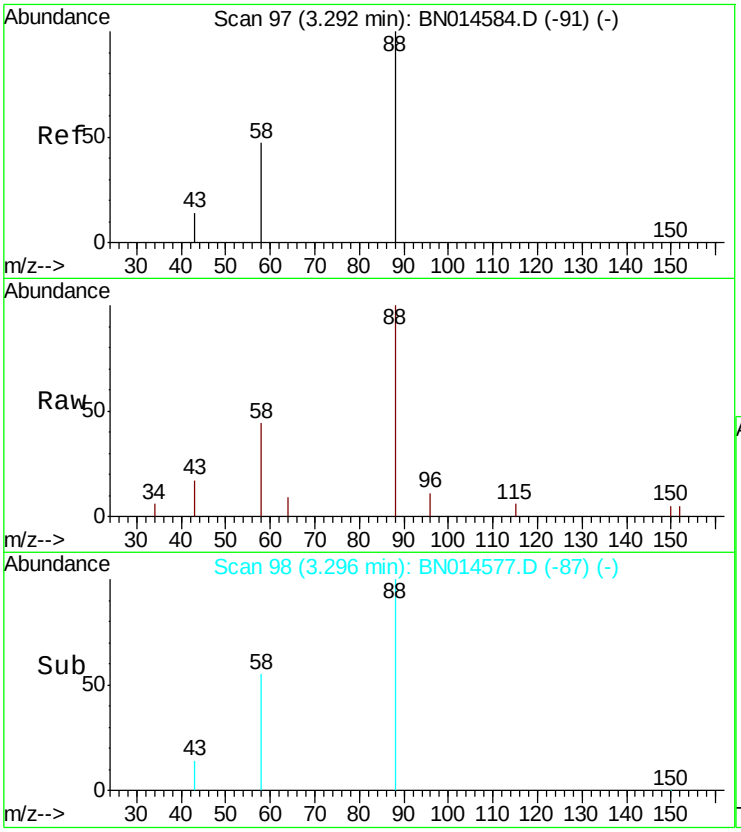
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051221\
Data File : BN014577.D
Acq On : 12 May 2021 13:30
Operator : CG/JU
Sample : SSTD1.605
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD1.6005

Quant Time: May 12 14:04:11 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 12:52:43 2021
Response via : Initial Calibration



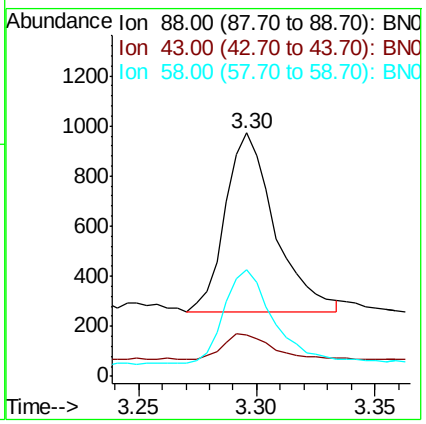


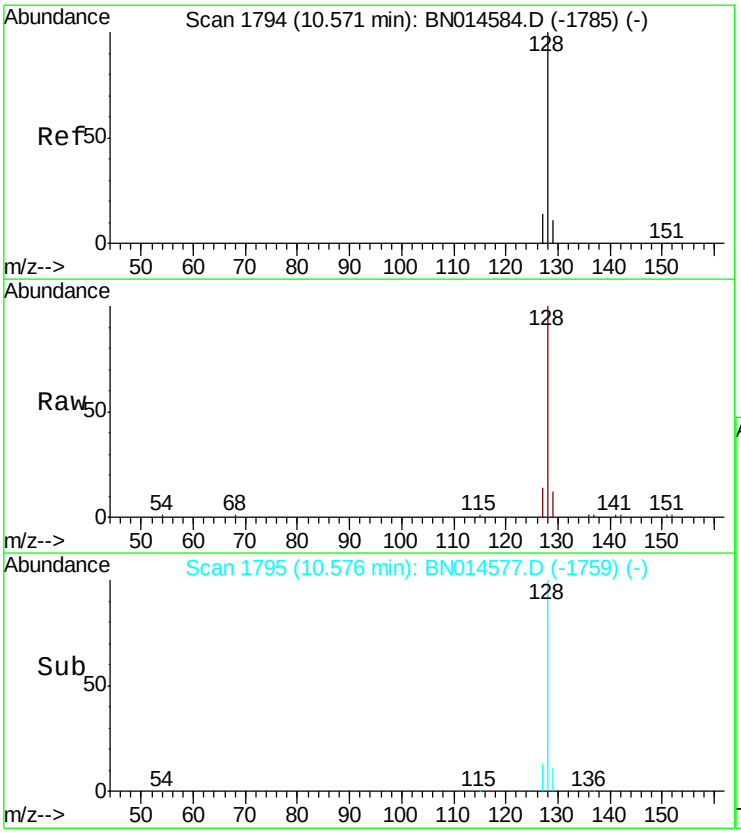
#2
1,4-Dioxane
Concen: 1.496 ng/ul
RT: 3.30 min Scan# 98
Delta R.T. -0.00 min
Lab File: BN014577.D
Acq: 12 May 2021 13:30

Instrument :
BNA_N
ClientSampleId :
SSTD1.6005

Tgt Ion: 88 Resp: 1043

Ion	Ratio	Lower	Upper
88	100		
43	16.9	15.7	23.5
58	43.8	23.8	35.6#

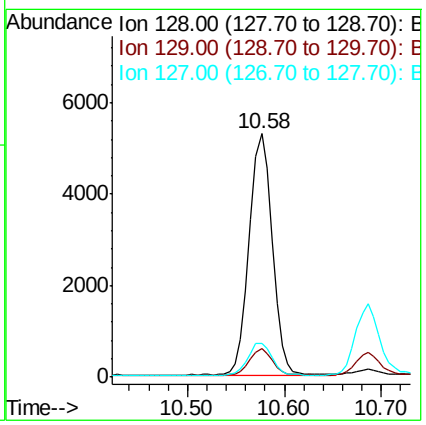


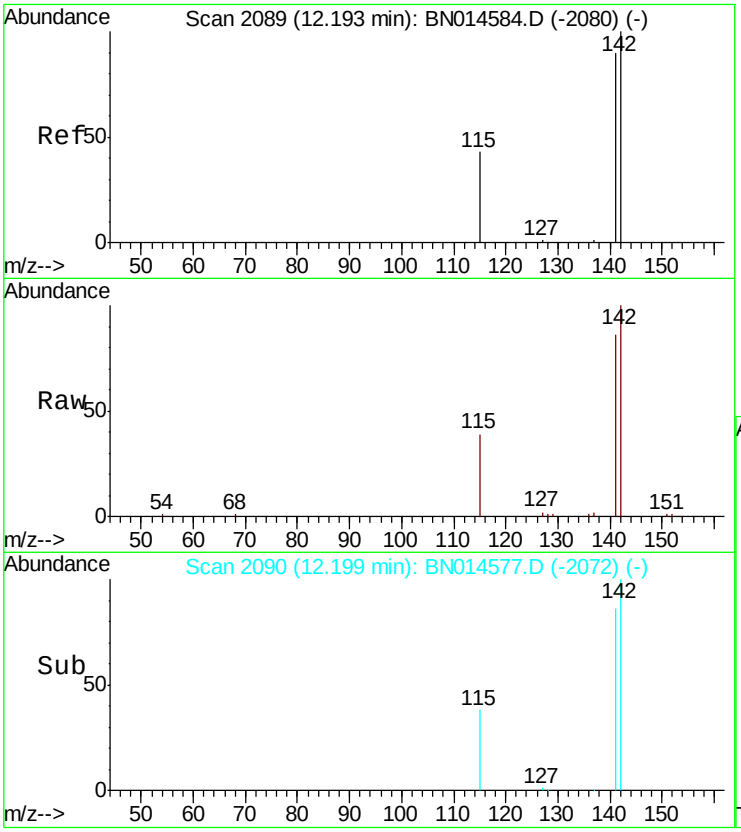


#5
Naphthalene
Concen: 1.408 ng/ul
RT: 10.58 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BN014577.D
Acq: 12 May 2021 13:30

Tgt Ion:128 Resp: 8758

Ion	Ratio	Lower	Upper
128	100		
129	11.5	11.6	17.4#
127	13.9	13.3	19.9



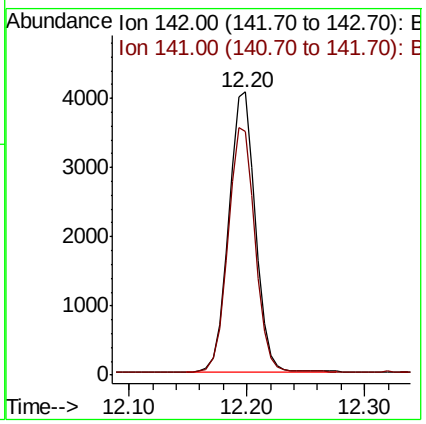


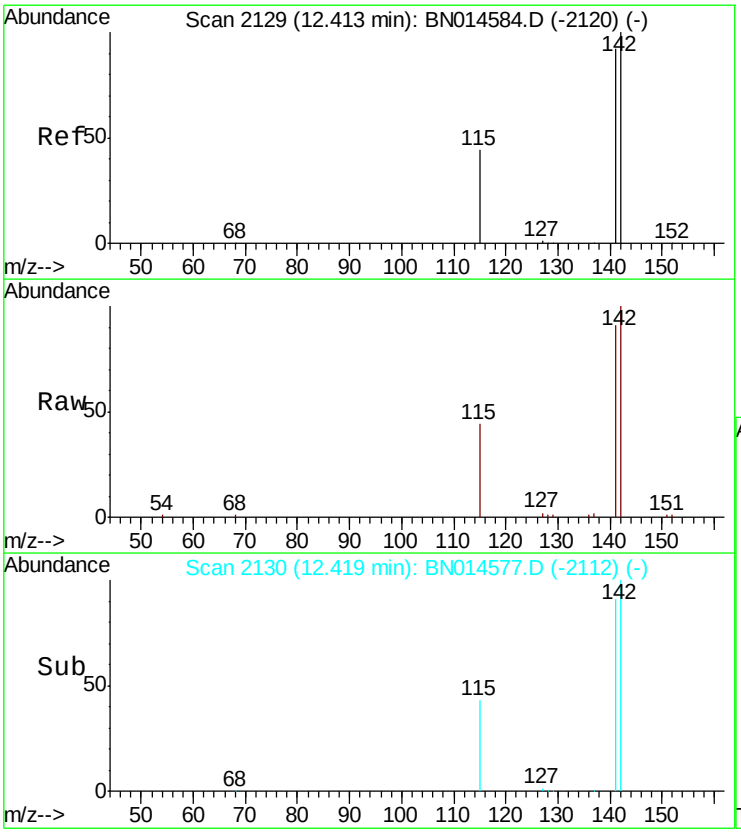
#7
2-Methylnaphthalene
Concen: 1.614 ng/ul
RT: 12.20 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BN014577.D
Acq: 12 May 2021 13:30

Instrument :
BNA_N
ClientSampleId :
SSTD1.6005

Tgt Ion:142 Resp: 6398

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.9	106.3

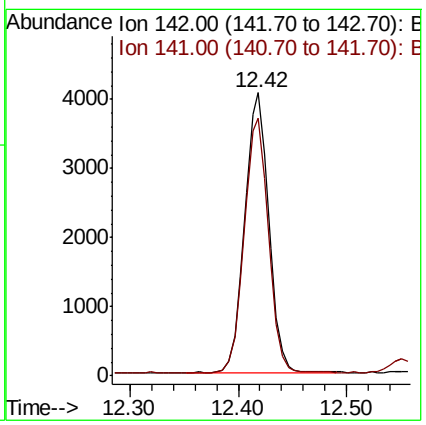


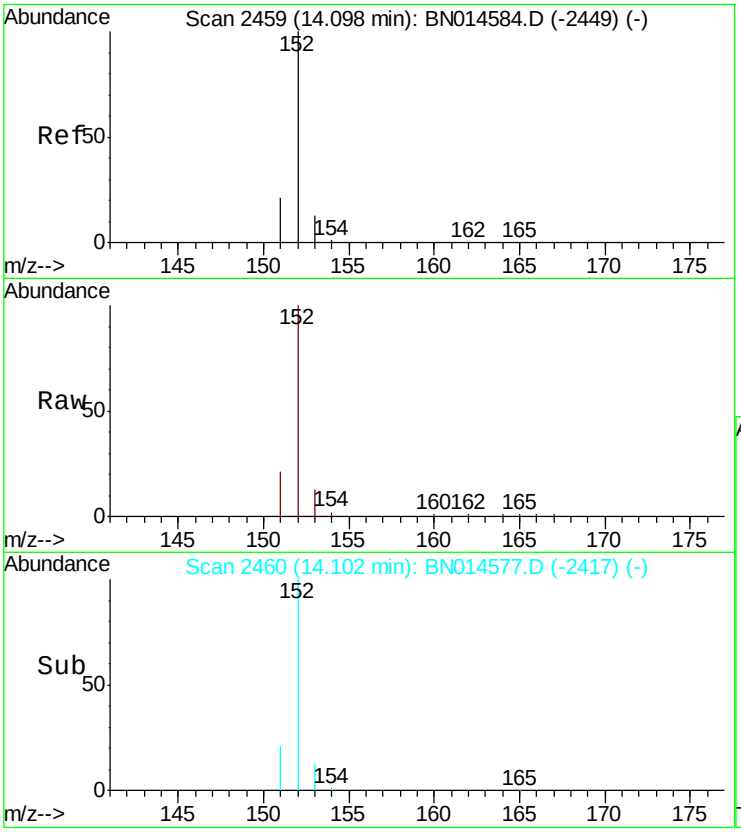


#8
1-Methylnaphthalene
Concen: 1.622 ng/ul
RT: 12.42 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BN014577.D
Acq: 12 May 2021 13:30

Tgt Ion:142 Resp: 6182

Ion	Ratio	Lower	Upper
142	100		
141	91.8	75.9	113.9



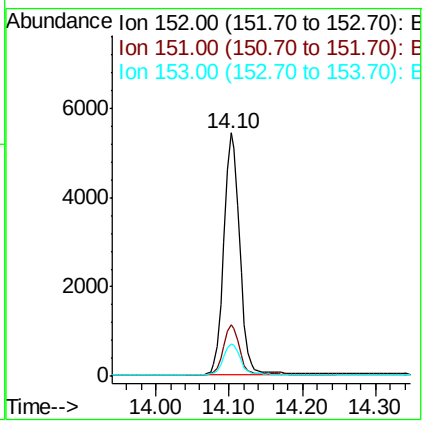


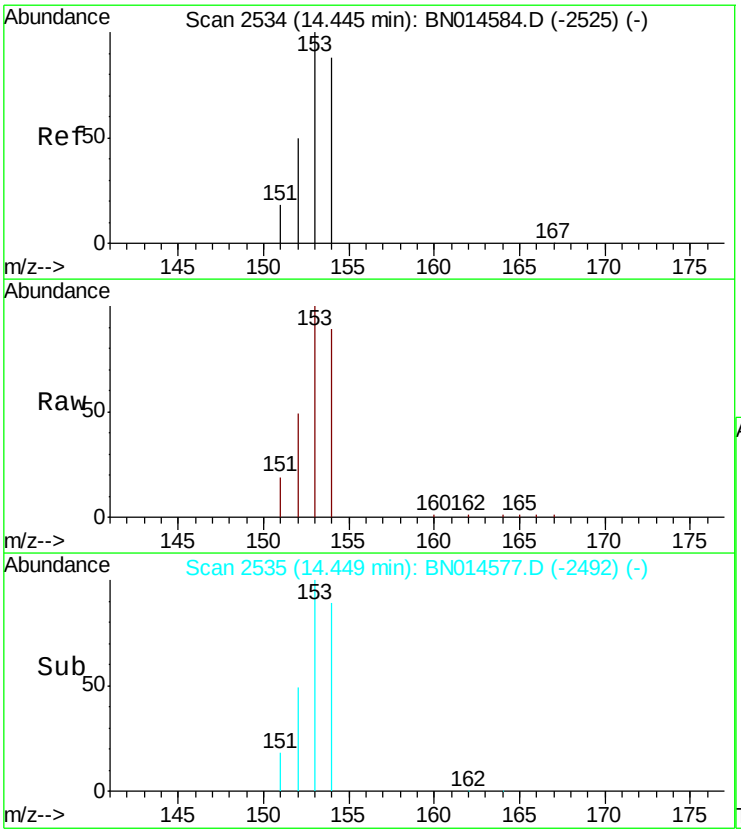
#10
Acenaphthylene
Concen: 1.229 ng/ul
RT: 14.10 min Scan# 2460
Delta R.T. -0.00 min
Lab File: BN014577.D
Acq: 12 May 2021 13:30

Instrument :
BNA_N
ClientSampleId :
SSTD1.6005

Tgt Ion:152 Resp: 8100

Ion	Ratio	Lower	Upper
152	100		
151	21.2	18.2	27.2
153	13.4	12.8	19.2

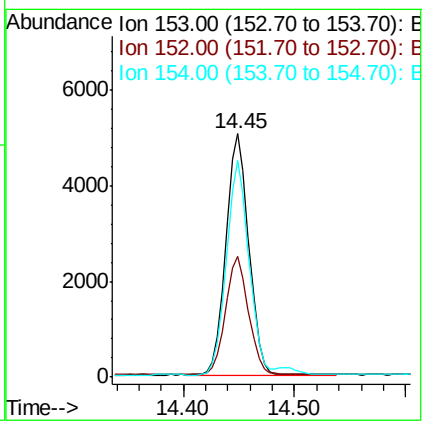


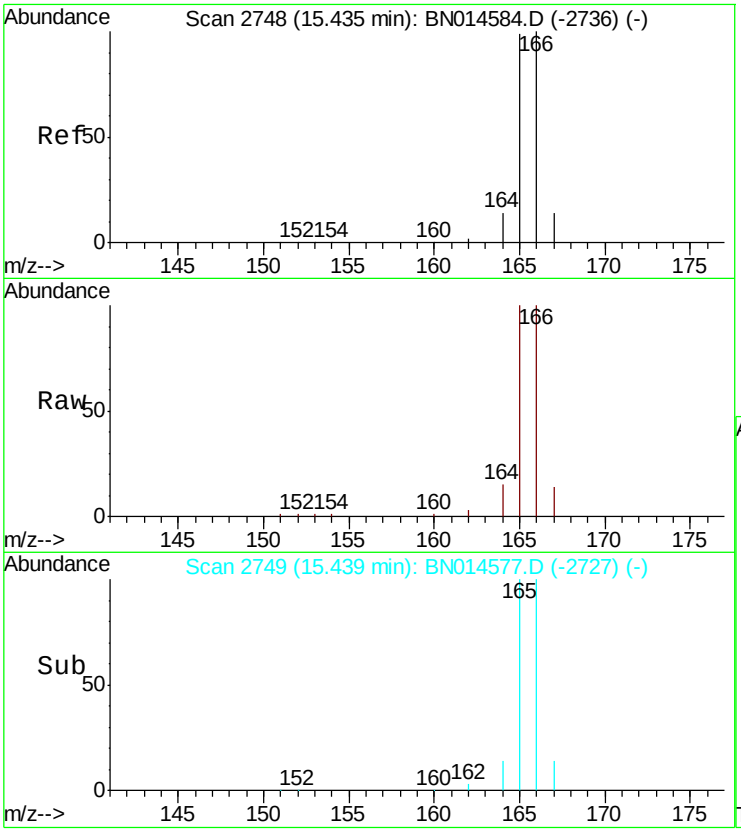


#11
Acenaphthene
Concen: 1.375 ng/ul
RT: 14.45 min Scan# 2535
Delta R.T. -0.00 min
Lab File: BN014577.D
Acq: 12 May 2021 13:30

Tgt Ion:153 Resp: 7060

Ion	Ratio	Lower	Upper
153	100		
152	49.4	40.9	61.3
154	89.0	70.7	106.1



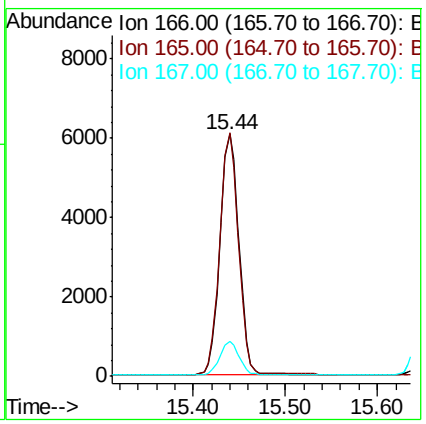


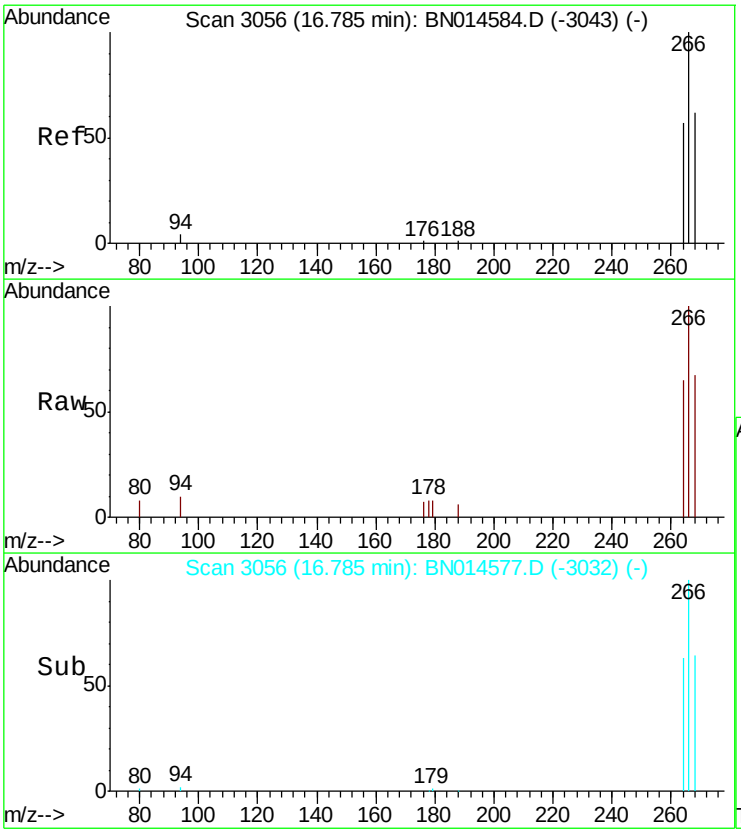
#12
Fluorene
Concen: 1.511 ng/ul
RT: 15.44 min Scan# 2749
Delta R.T. -0.00 min
Lab File: BN014577.D
Acq: 12 May 2021 13:30

Instrument :
BNA_N
ClientSampleId :
SSTD1.6005

Tgt Ion:166 Resp: 8655

Ion	Ratio	Lower	Upper
166	100		
165	100.5	78.6	118.0
167	14.4	13.2	19.8

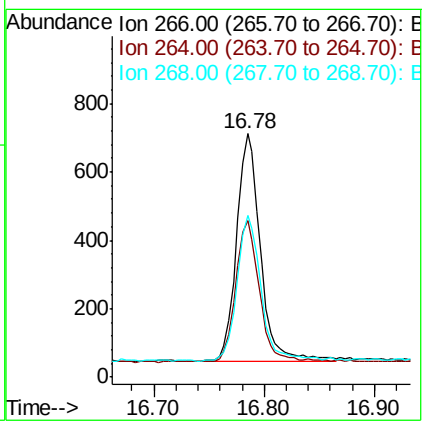


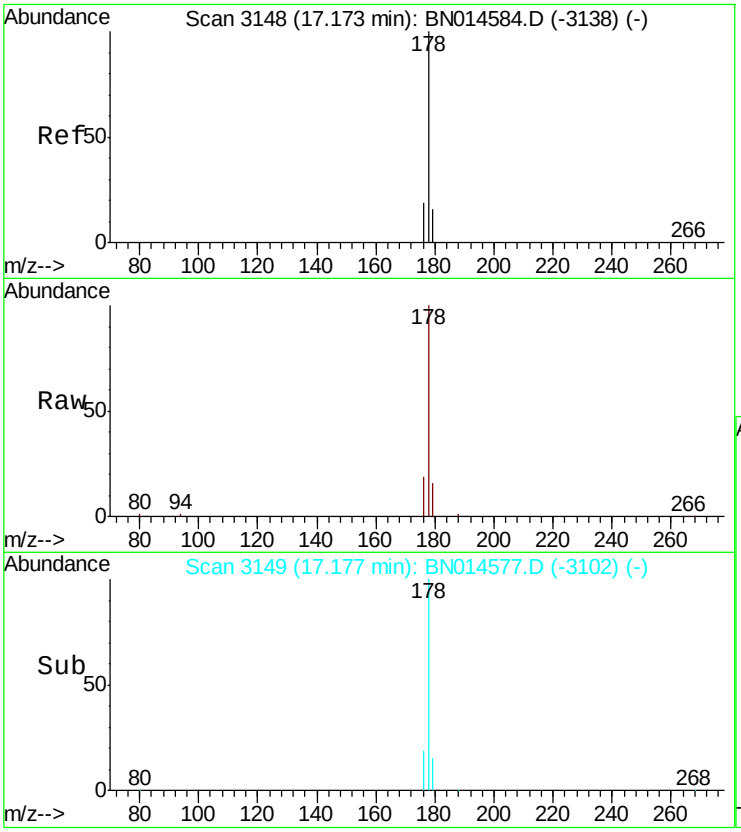


#14
Pentachlorophenol
Concen: 0.894 ng/ul
RT: 16.78 min Scan# 3056
Delta R.T. -0.00 min
Lab File: BN014577.D
Acq: 12 May 2021 13:30

Tgt Ion:266 Resp: 991

Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.4	74.2
268	64.7	49.1	73.7



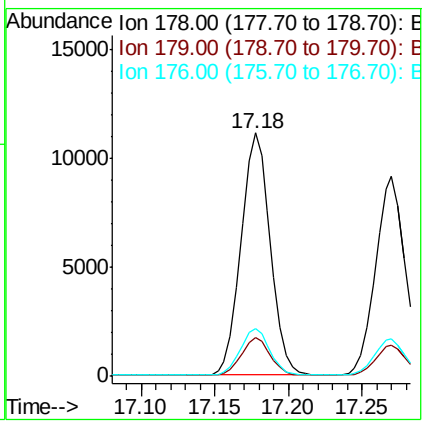


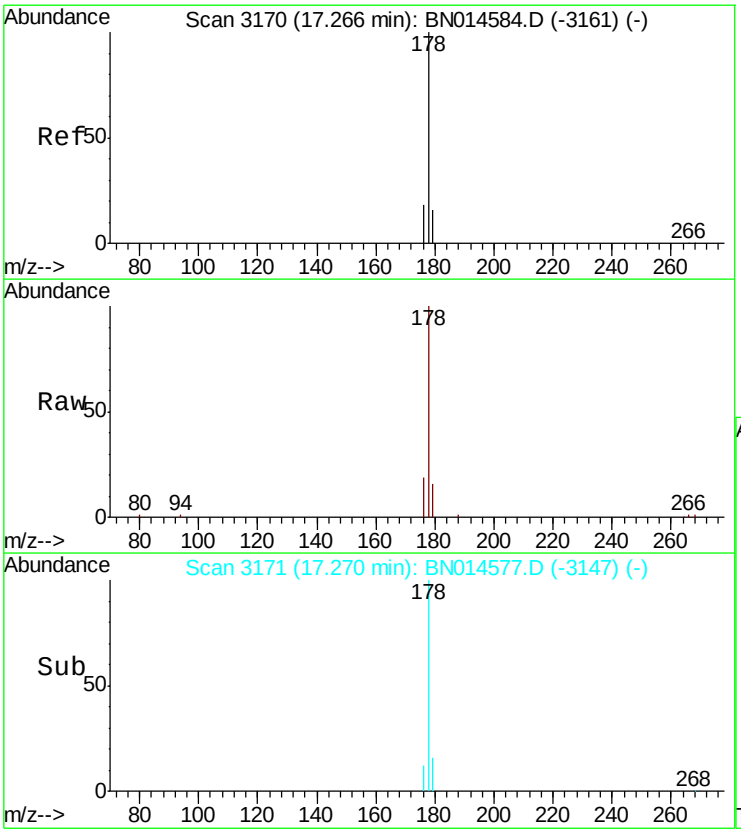
#15
Phenanthrene
Concen: 1.388 ng/ul
RT: 17.18 min Scan# 3149
Delta R.T. -0.00 min
Lab File: BN014577.D
Acq: 12 May 2021 13:30

Instrument :
BNA_N
ClientSampleId :
SSTD1.6005

Tgt Ion:178 Resp: 15342

Ion	Ratio	Lower	Upper
178	100		
179	15.8	14.1	21.1
176	19.4	16.9	25.3

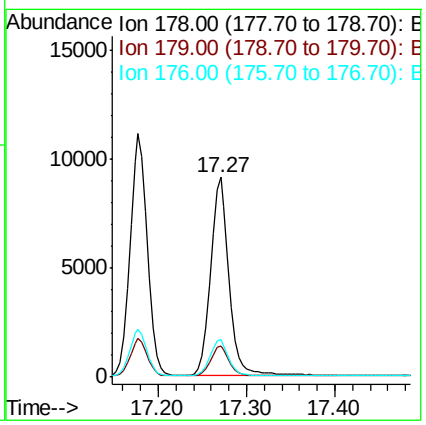


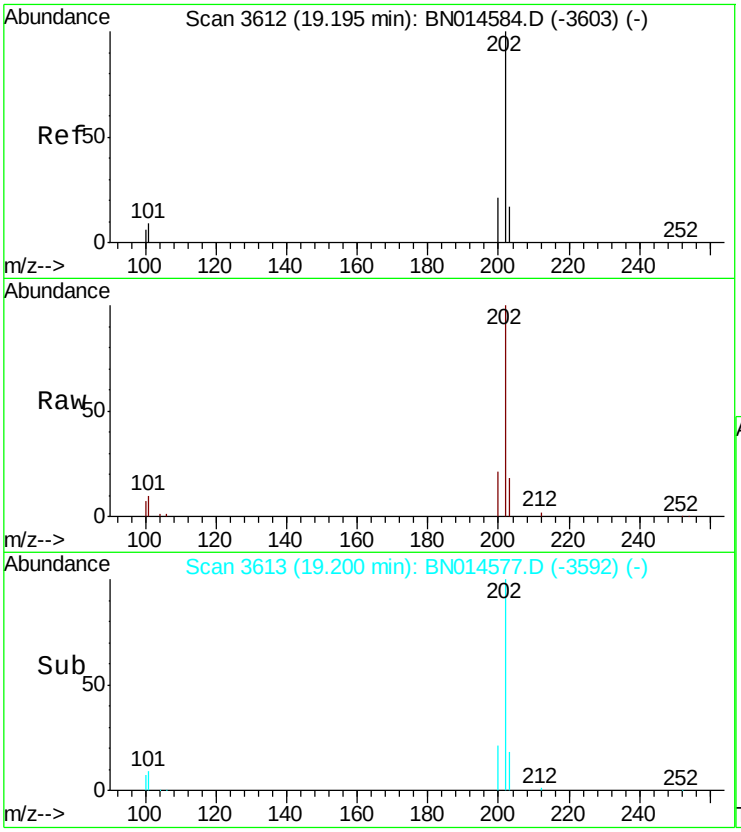


#16
Anthracene
Concen: 1.374 ng/ul
RT: 17.27 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BN014577.D
Acq: 12 May 2021 13:30

Tgt Ion:178 Resp: 13298

Ion	Ratio	Lower	Upper
178	100		
179	15.8	14.1	21.1
176	18.8	15.8	23.6



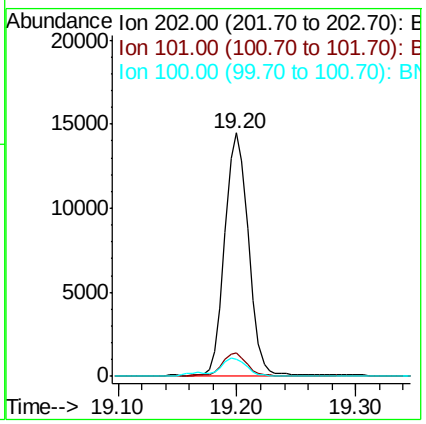


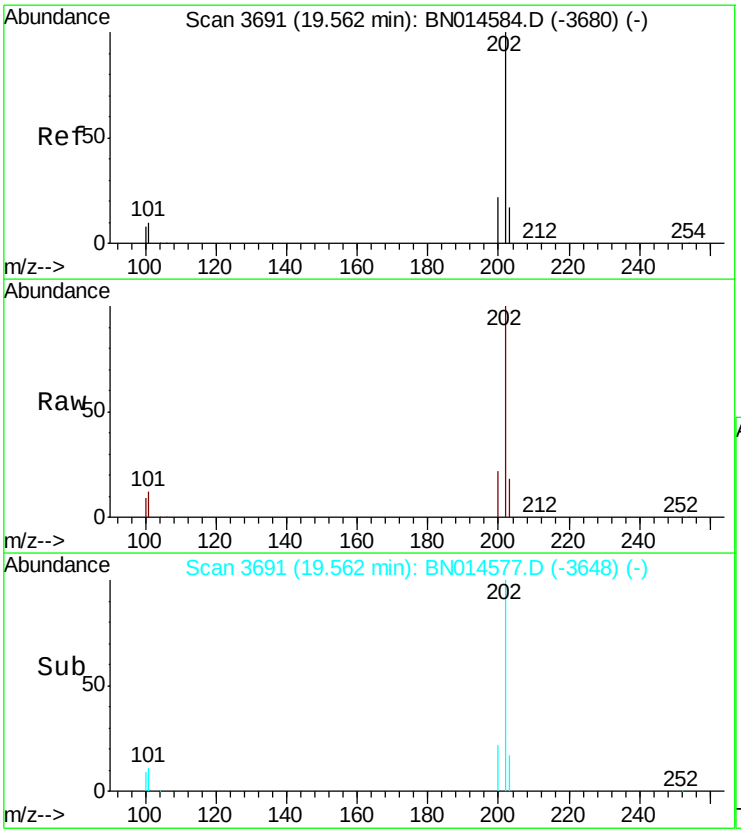
#19
Fluoranthene
Concen: 1.197 ng/ul
RT: 19.20 min Scan# 3613
Delta R.T. -0.00 min
Lab File: BN014577.D
Acq: 12 May 2021 13:30

Instrument :
BNA_N
ClientSampleId :
SSTD1.6005

Tgt Ion:202 Resp: 19837

Ion	Ratio	Lower	Upper
202	100		
101	9.6	8.3	12.5
100	7.1	6.7	10.1

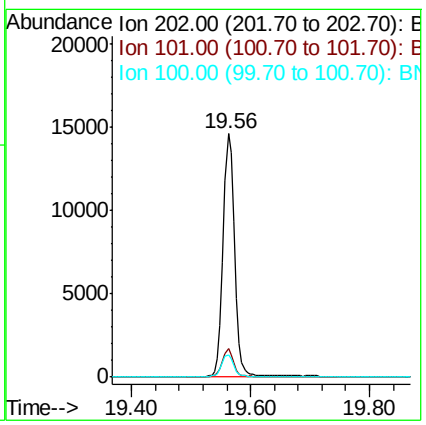


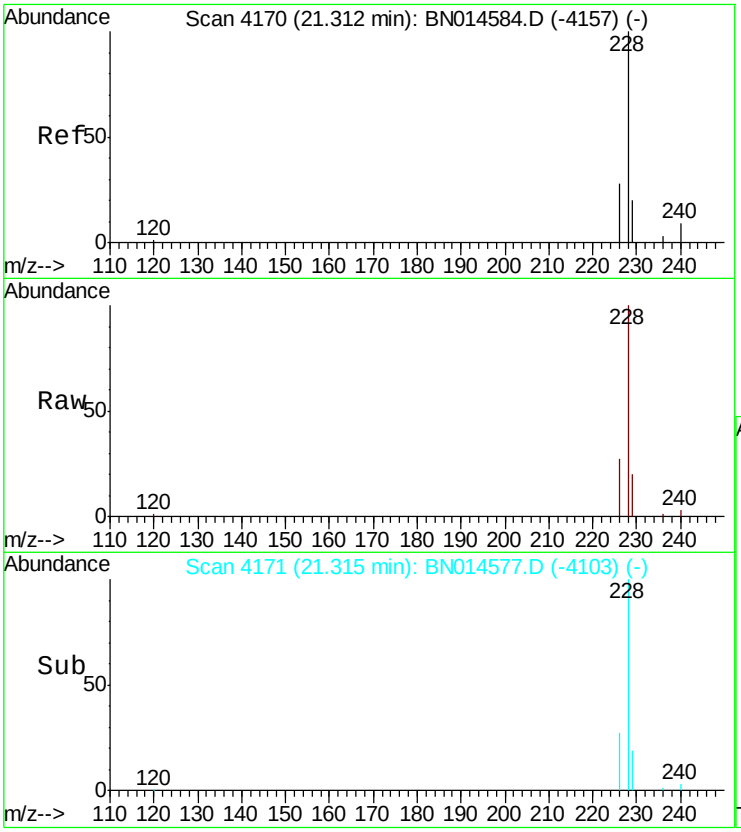


#20
Pyrene
Concen: 1.148 ng/ul
RT: 19.56 min Scan# 3691
Delta R.T. -0.00 min
Lab File: BN014577.D
Acq: 12 May 2021 13:30

Tgt Ion:202 Resp: 19363

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.4	14.0
100	9.3	8.2	12.4



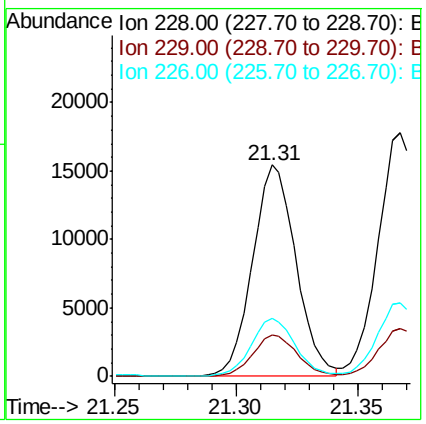


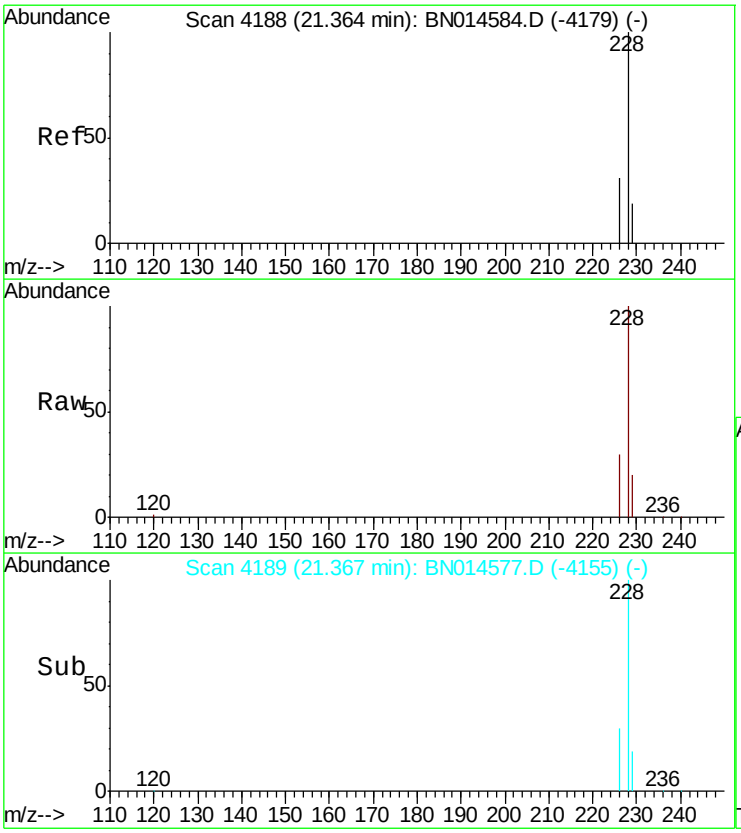
#21
Benzo(a)anthracene
Concen: 1.237 ng/ul
RT: 21.31 min Scan# 4171
Delta R.T. -0.00 min
Lab File: BN014577.D
Acq: 12 May 2021 13:30

Instrument :
BNA_N
ClientSampleId :
SSTD1.6005

Tgt Ion:228 Resp: 18913

Ion	Ratio	Lower	Upper
228	100		
229	19.6	16.0	24.0
226	27.4	22.2	33.2

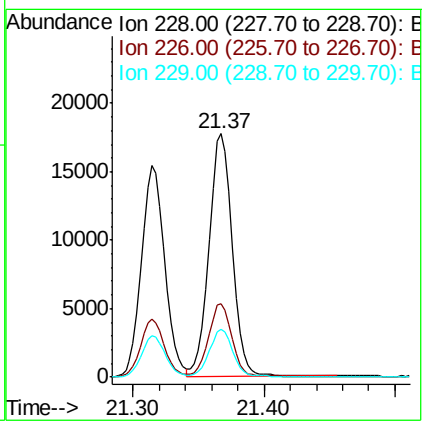


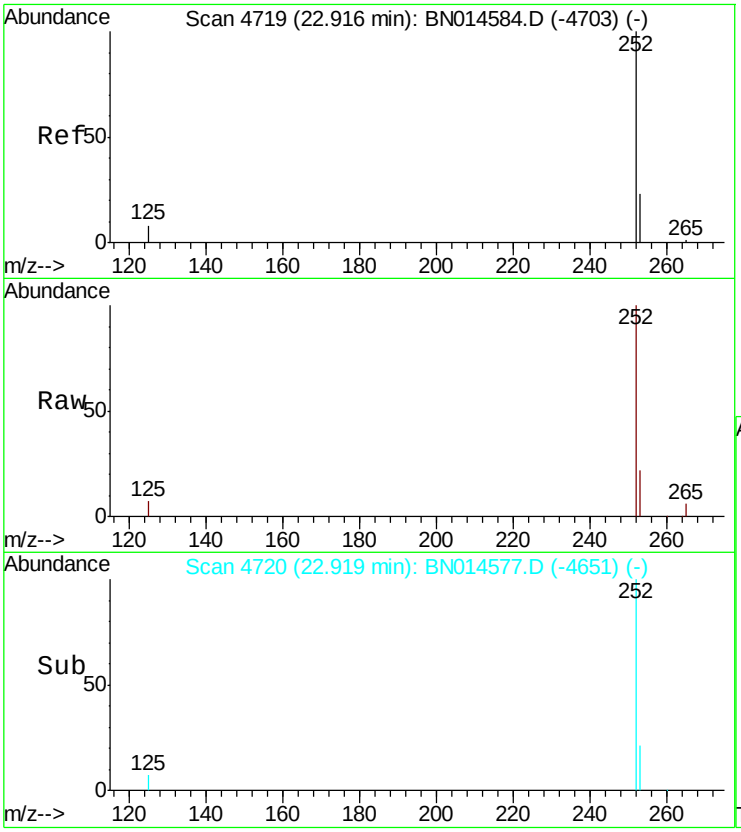


#22
Chrysene
Concen: 1.367 ng/ul
RT: 21.37 min Scan# 4189
Delta R.T. -0.00 min
Lab File: BN014577.D
Acq: 12 May 2021 13:30

Tgt Ion:228 Resp: 21692

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	19.6	16.3	24.5



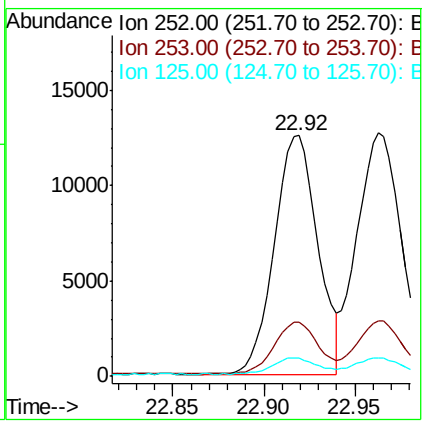


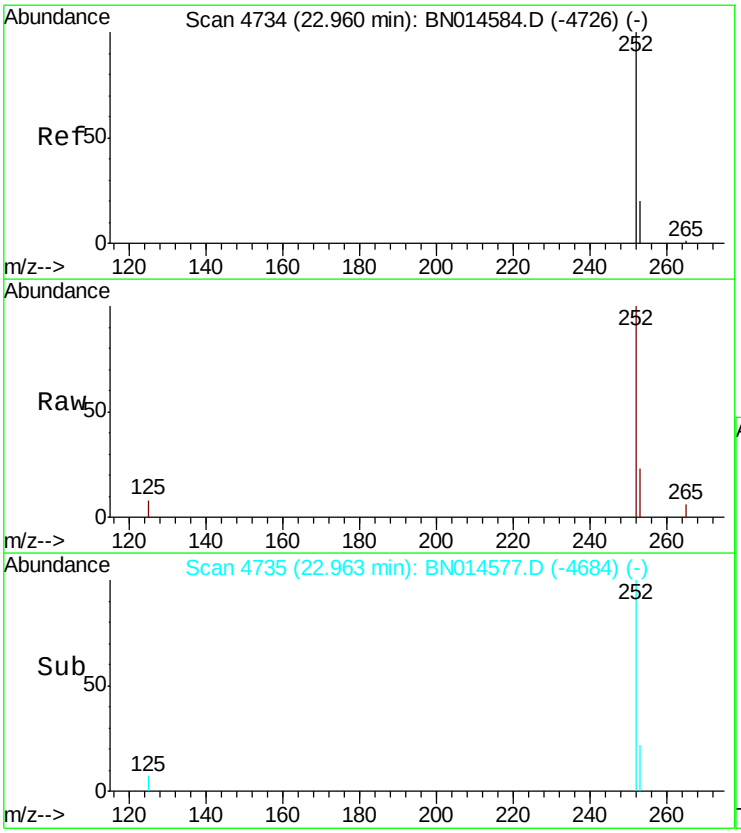
#24
Benzo(b)fluoranthene
Concen: 1.413 ng/ul
RT: 22.92 min Scan# 4720
Delta R.T. 0.00 min
Lab File: BN014577.D
Acq: 12 May 2021 13:30

Instrument :
BNA_N
ClientSampleId :
SSTD1.6005

Tgt Ion:252 Resp: 20753

Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	51.0
125	7.4	0.0	20.2

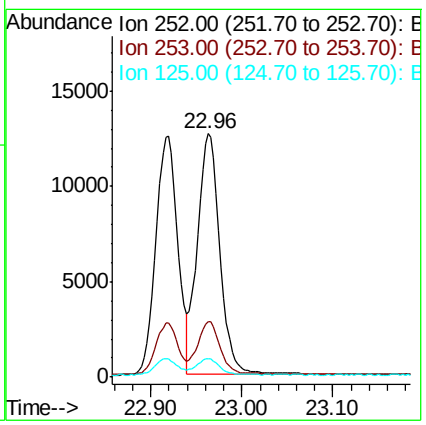


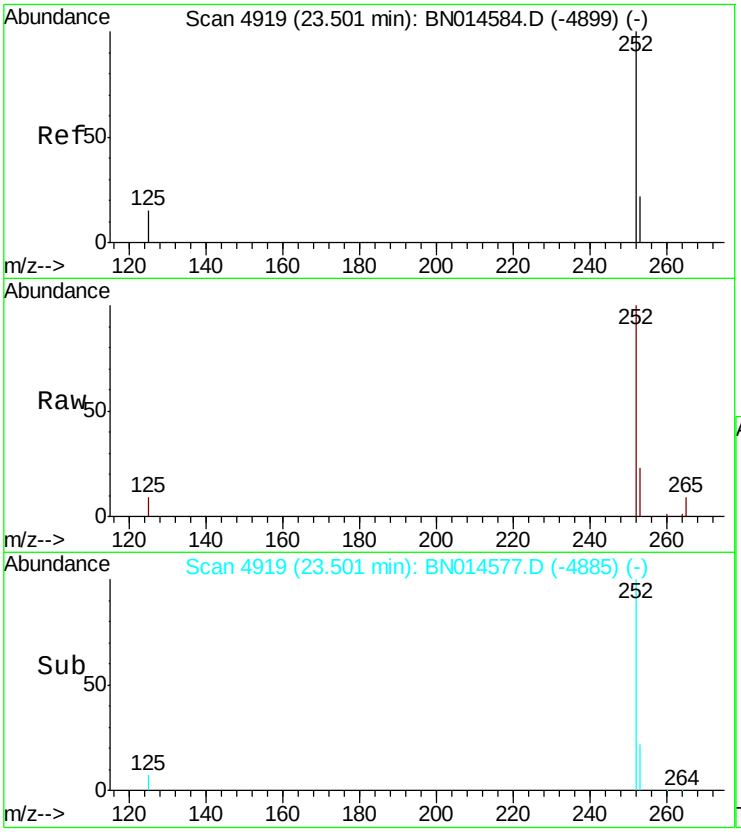


#25
Benzo(k)fluoranthene
Concen: 1.474 ng/ul
RT: 22.96 min Scan# 4735
Delta R.T. -0.00 min
Lab File: BN014577.D
Acq: 12 May 2021 13:30

Tgt Ion:252 Resp: 21983

Ion	Ratio	Lower	Upper
252	100		
253	23.0	20.2	30.2
125	7.5	8.4	12.6#



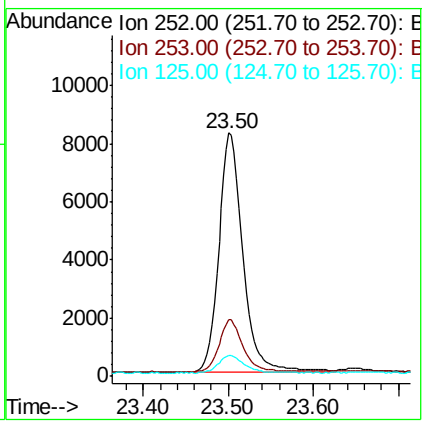


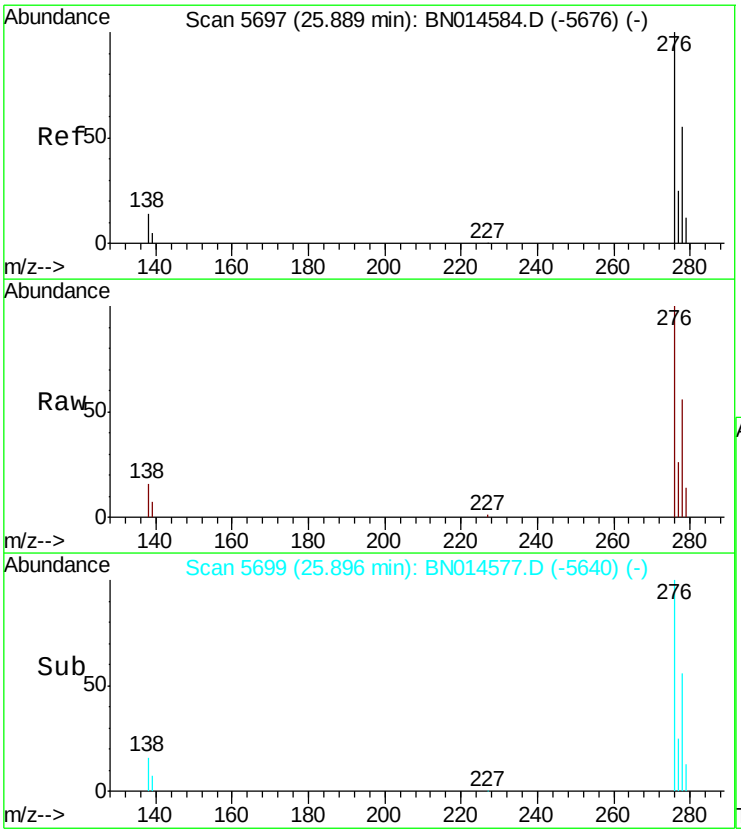
#26
Benzo(a)pyrene
Concen: 1.337 ng/ul
RT: 23.50 min Scan# 4919
Delta R.T. -0.00 min
Lab File: BN014577.D
Acq: 12 May 2021 13:30

Instrument :
BNA_N
ClientSampleId :
SSTD1.6005

Tgt Ion:252 Resp: 16275

Ion	Ratio	Lower	Upper
252	100		
253	23.2	23.0	34.4
125	8.8	11.4	17.2#

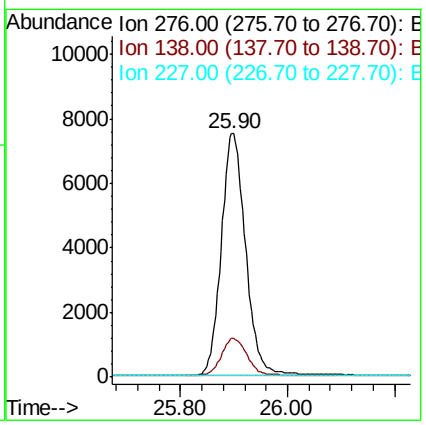


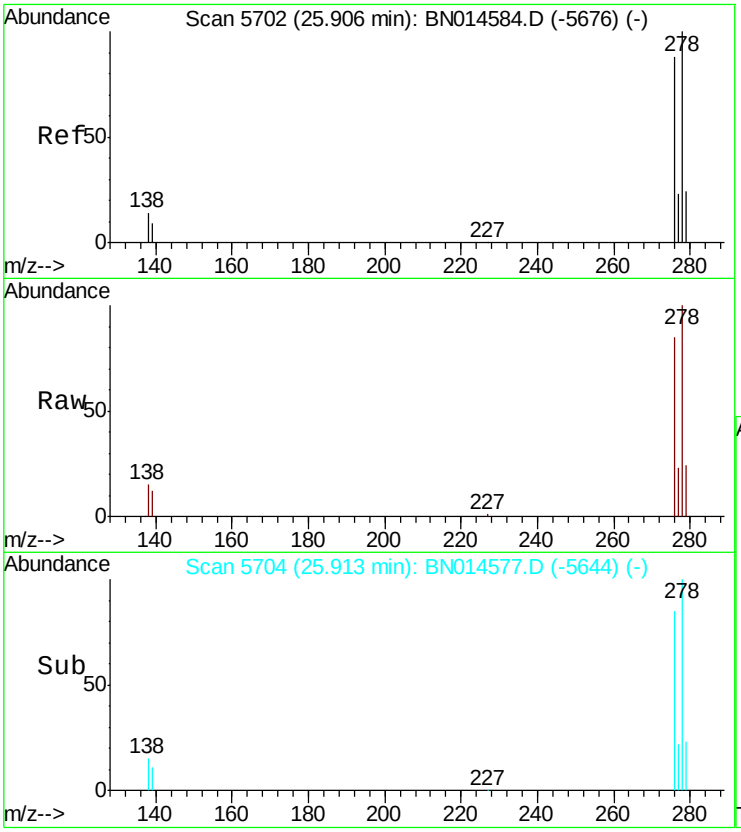


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.417 ng/ul
RT: 25.90 min Scan# 5699
Delta R.T. -0.00 min
Lab File: BN014577.D
Acq: 12 May 2021 13:30

Tgt Ion:276 Resp: 23771

Ion	Ratio	Lower	Upper
276	100		
138	16.2	14.1	21.1
227	0.0	0.0	0.0



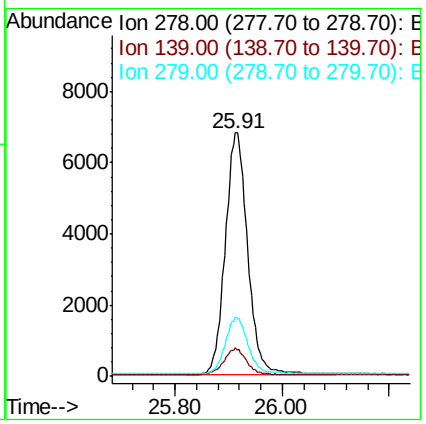


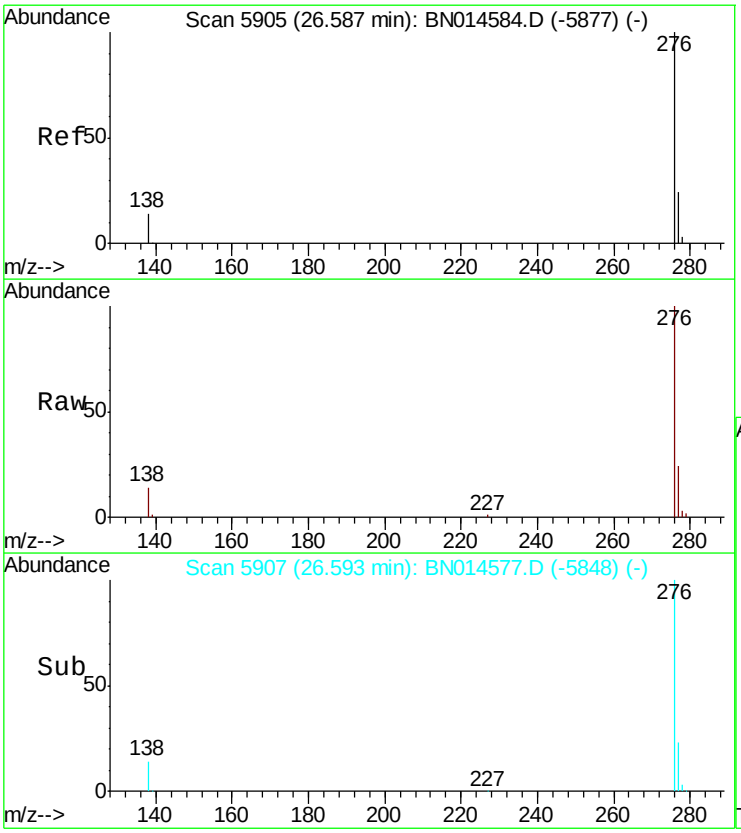
#28
Dibenzo(a,h)anthracene
Concen: 1.475 ng/ul
RT: 25.91 min Scan# 5704
Delta R.T. -0.00 min
Lab File: BN014577.D
Acq: 12 May 2021 13:30

Instrument :
BNA_N
ClientSampleId :
SSTD1.6005

Tgt Ion:278 Resp: 19758

Ion	Ratio	Lower	Upper
278	100		
139	11.7	10.4	15.6
279	24.5	21.8	32.6





#29
Benzo(g,h,i)perylene
Concen: 1.409 ng/ul
RT: 26.59 min Scan# 5907
Delta R.T. -0.00 min
Lab File: BN014577.D
Acq: 12 May 2021 13:30

Tgt Ion:276 Resp: 19920

Ion	Ratio	Lower	Upper
276	100		
138	14.5	12.6	18.8
277	23.9	20.9	31.3