Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051221\
Data File : BN014574.D
Acq On : 12 May 2021 11:43
Operator : CG/JU
Sample : SSTD0.202
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD0.2002

Quant Time: May 12 12:54:06 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	559	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	1851	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.38	164	1204	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.14	188	2969	0.40	ng/ul	0.00
17) Chrysene-d12	21.33	240	3340	0.40	ng/ul	0.00
23) Perylene-d12	23.60	264	2878	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	122	0.20	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.12	152	656	0.23	ng/ul	0.00
18) Fluoranthene-d10	19.17	212	1934	0.19	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	163	0.263	ng/ul	96
5) Naphthalene	10.58	128	1130	0.206	ng/ul	96
7) 2-Methylnaphthalene	12.20	142	818	0.234	ng/ul	100
8) 1-Methylnaphthalene	12.42	142	773	0.230	ng/ul	96
10) Acenaphthylene	14.10	152	948	0.168	ng/ul#	95
11) Acenaphthene	14.45	153	879	0.200	ng/ul	98
12) Fluorene	15.44	166	1053	0.215	ng/ul	99
14) Pentachlorophenol	16.79	266	130	0.135	ng/ul	92
15) Phenanthrene	17.18	178	1893	0.197	ng/ul	97
16) Anthracene	17.27	178	1544	0.184	ng/ul	96
19) Fluoranthene	19.20	202	2306	0.172	ng/ul	97
20) Pyrene	19.56	202	2315	0.170	ng/ul#	94
21) Benzo(a)anthracene	21.31	228	2122	0.172	ng/ul	97
22) Chrysene	21.37	228	2582	0.201	ng/ul	98
24) Benzo(b)fluoranthene	22.92	252	2589	0.200	ng/ul	90
25) Benzo(k)fluoranthene	22.96	252	2565	0.195	ng/ul#	90
26) Benzo(a)pyrene	23.50	252	2067	0.192	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.90	276	2925	0.198	ng/ul#	60
28) Dibenzo(a,h)anthracene	25.91	278	2421	0.205	ng/ul#	93
29) Benzo(g,h,i)perylene	26.59	276	2515	0.202	ng/ul#	95

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051221\
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
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Quant Time: May 12 12:54:06 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
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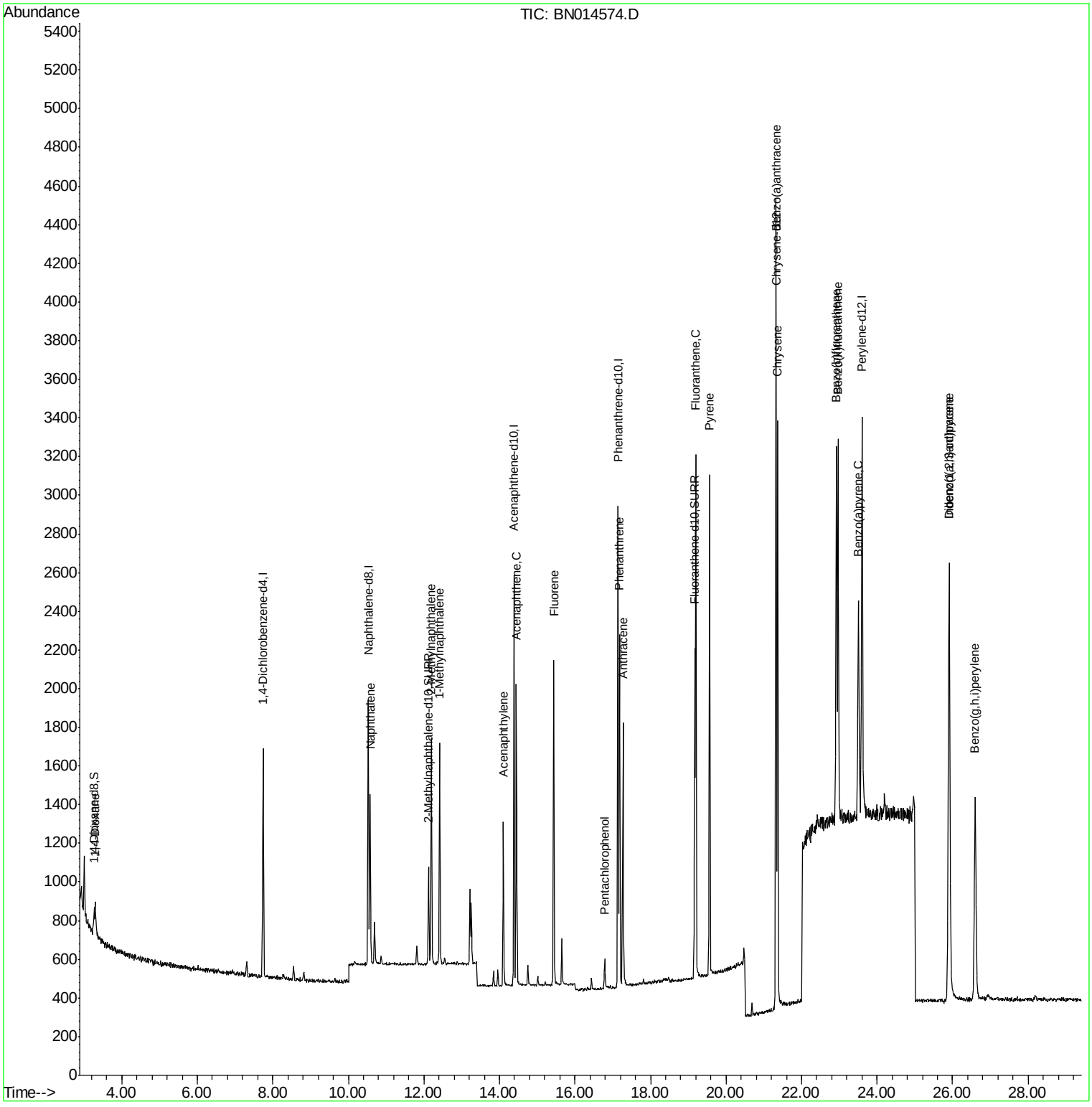
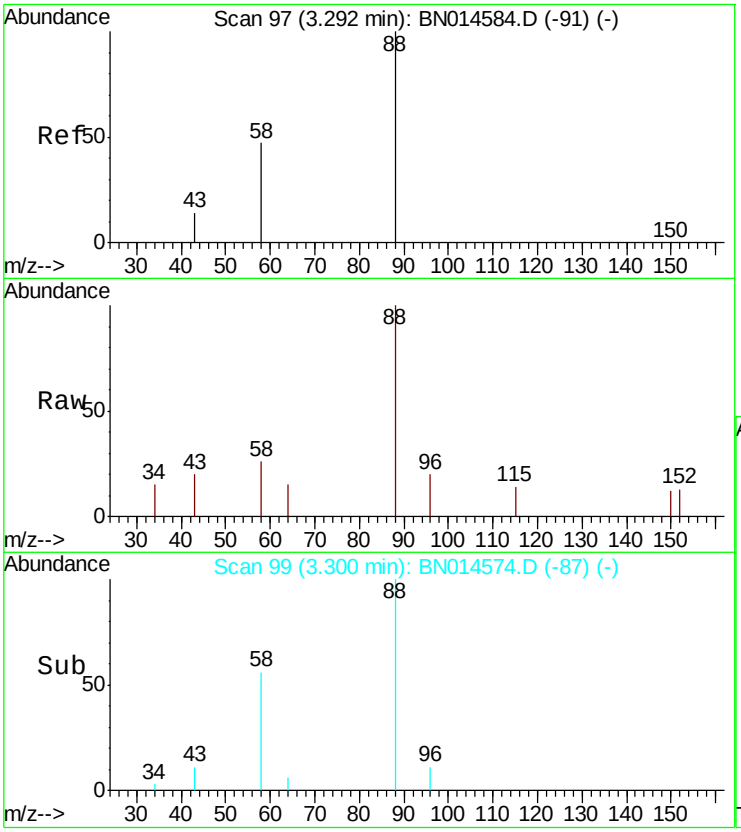


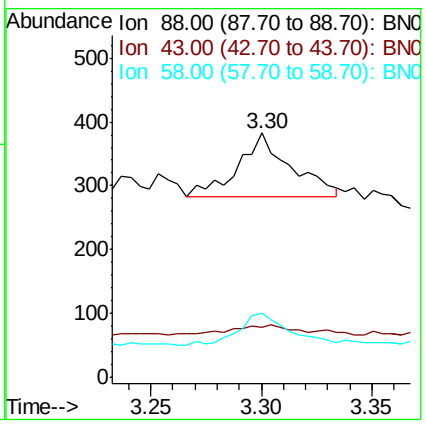


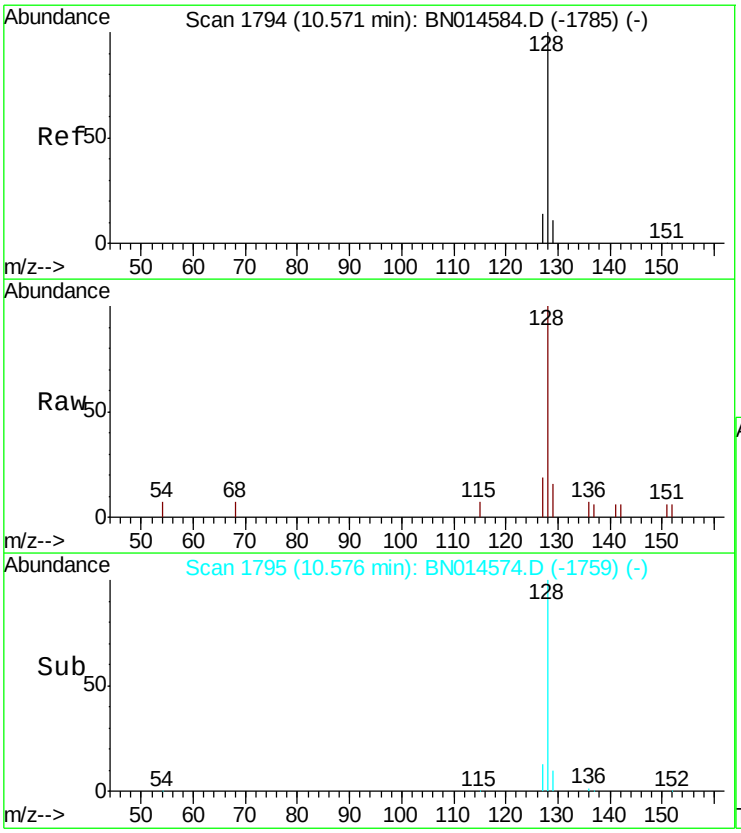
#2
1,4-Dioxane
Concen: 0.263 ng/ul
RT: 3.30 min Scan# 99
Delta R.T. 0.00 min
Lab File: BN014574.D
Acq: 12 May 2021 11:43

Instrument :
BNA_N
ClientSampleId :
SSTD0.2002

Tgt Ion: 88 Resp: 163

Ion	Ratio	Lower	Upper
88	100		
43	20.1	15.7	23.5
58	26.1	23.8	35.6

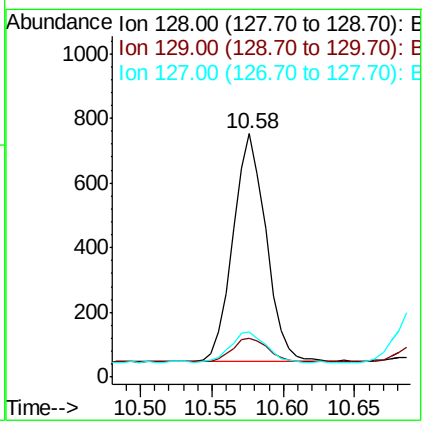


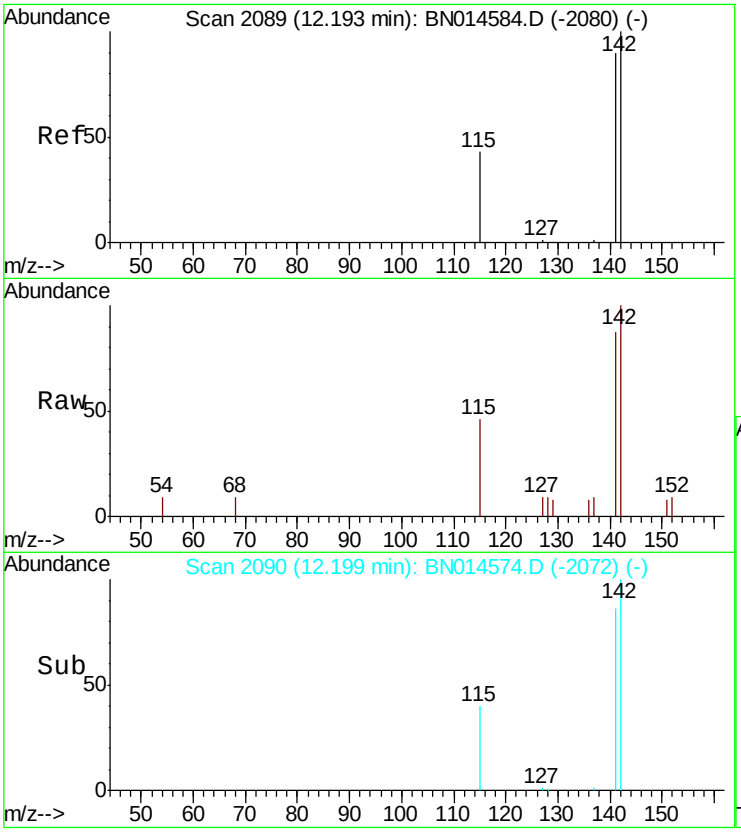


#5
Naphthalene
Concen: 0.206 ng/ul
RT: 10.58 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BN014574.D
Acq: 12 May 2021 11:43

Tgt Ion:128 Resp: 1130

Ion	Ratio	Lower	Upper
128	100		
129	15.9	11.6	17.4
127	18.7	13.3	19.9



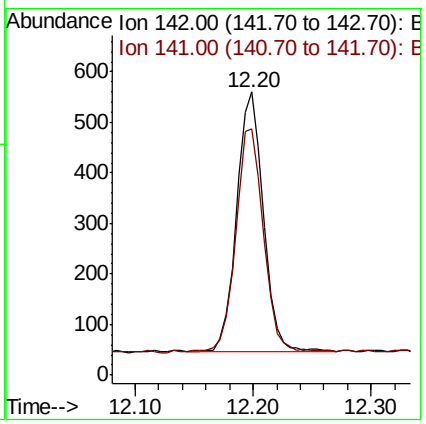


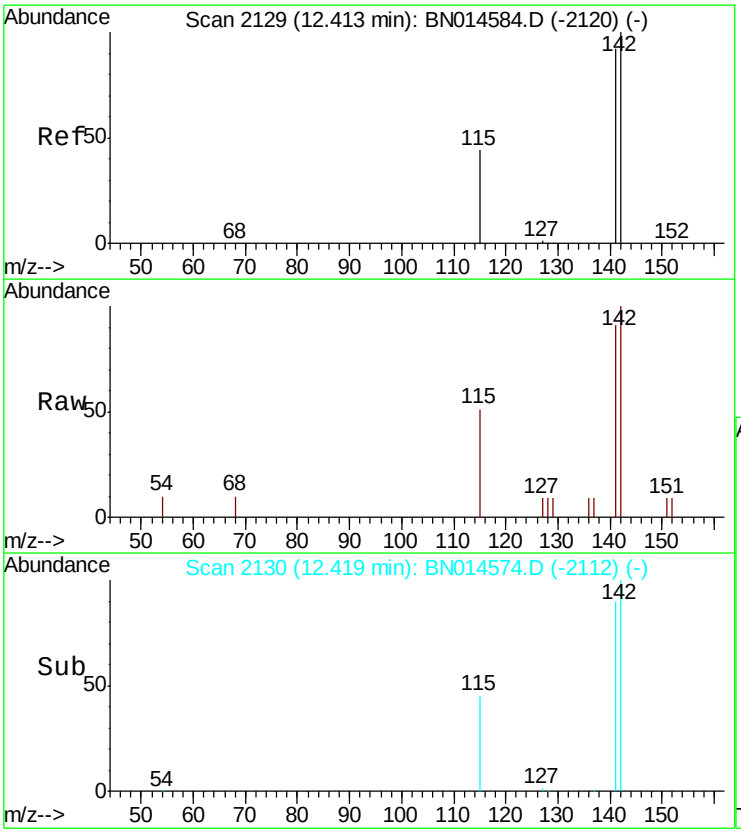
#7
2-Methylnaphthalene
Concen: 0.234 ng/ul
RT: 12.20 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BN014574.D
Acq: 12 May 2021 11:43

Instrument :
BNA_N
ClientSampleId :
SSTD0.2002

Tgt Ion:142 Resp: 818

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.9	106.3

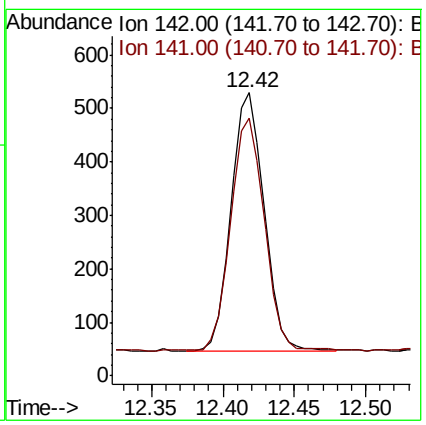


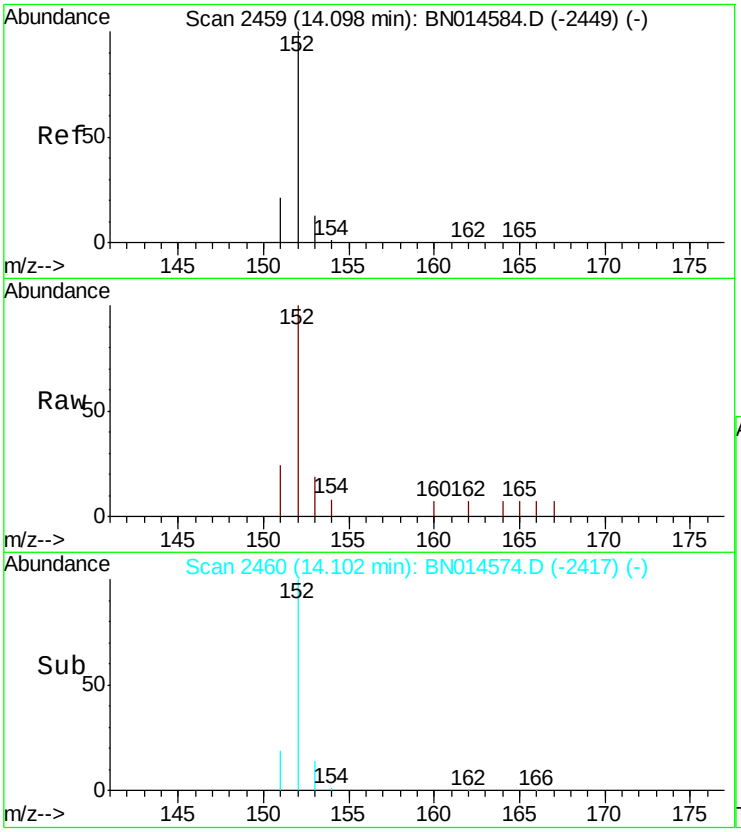


#8
1-Methylnaphthalene
Concen: 0.230 ng/ul
RT: 12.42 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BN014574.D
Acq: 12 May 2021 11:43

Tgt Ion:142 Resp: 773

Ion	Ratio	Lower	Upper
142	100		
141	91.3	75.9	113.9



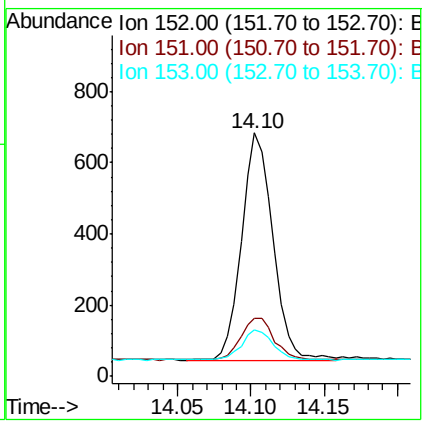


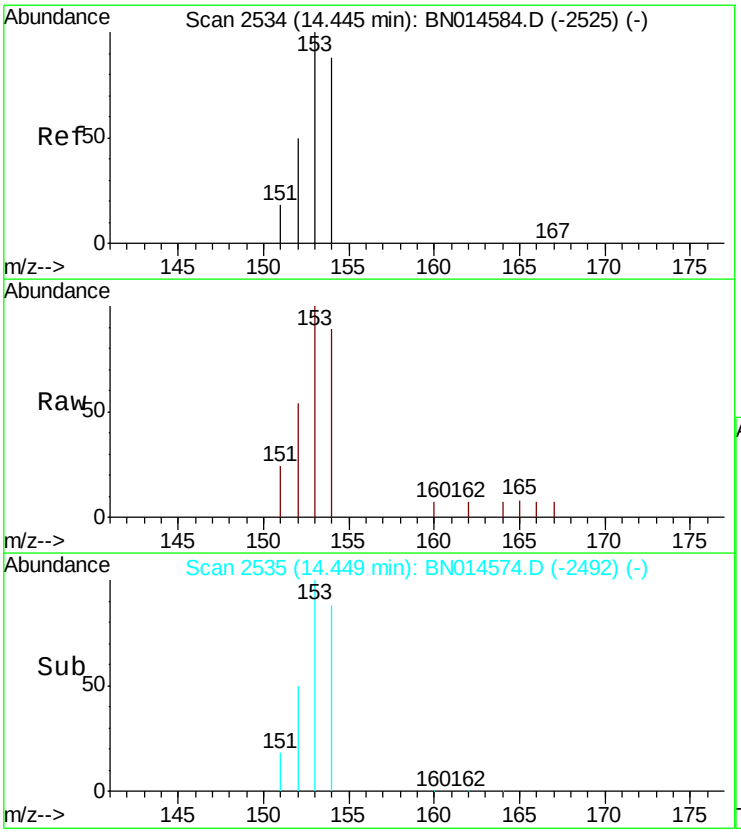
#10
Acenaphthylene
Concen: 0.168 ng/ul
RT: 14.10 min Scan# 2460
Delta R.T. 0.00 min
Lab File: BN014574.D
Acq: 12 May 2021 11:43

Instrument :
BNA_N
ClientSampleId :
SSTD0.2002

Tgt Ion:152 Resp: 948

Ion	Ratio	Lower	Upper
152	100		
151	24.0	18.2	27.2
153	19.3	12.8	19.2#

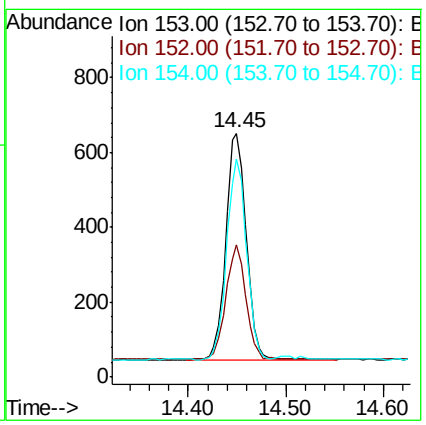


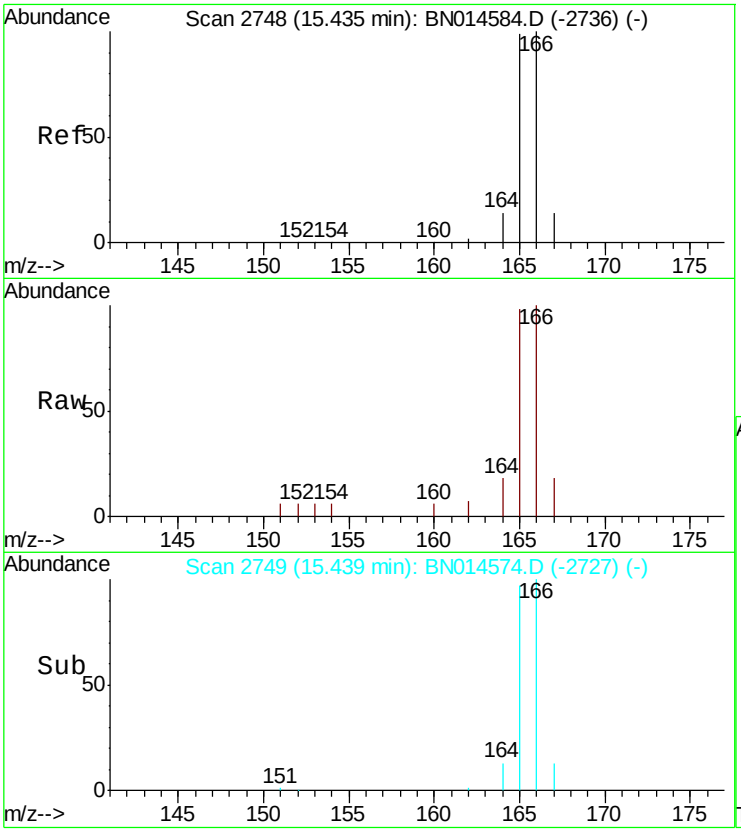


#11
Acenaphthene
Concen: 0.200 ng/ul
RT: 14.45 min Scan# 2535
Delta R.T. 0.00 min
Lab File: BN014574.D
Acq: 12 May 2021 11:43

Tgt Ion:153 Resp: 879

Ion	Ratio	Lower	Upper
153	100		
152	54.1	40.9	61.3
154	89.4	70.7	106.1



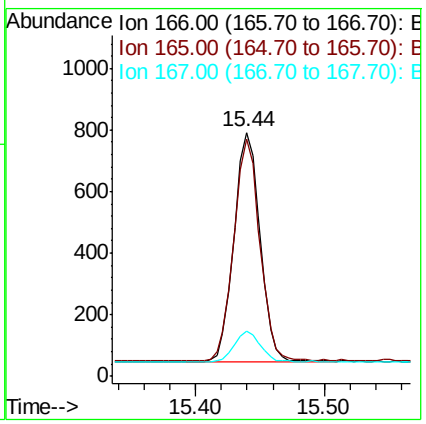


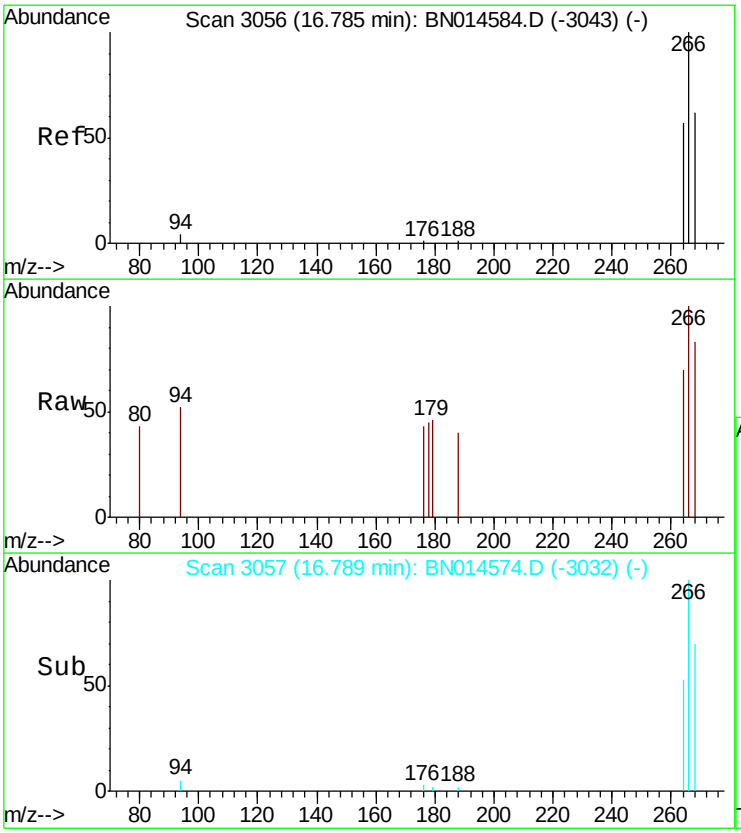
#12
Fluorene
Concen: 0.215 ng/ul
RT: 15.44 min Scan# 2749
Delta R.T. 0.00 min
Lab File: BN014574.D
Acq: 12 May 2021 11:43

Instrument :
BNA_N
ClientSampleId :
SSTD0.2002

Tgt Ion:166 Resp: 1053

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.6	118.0
167	18.5	13.2	19.8

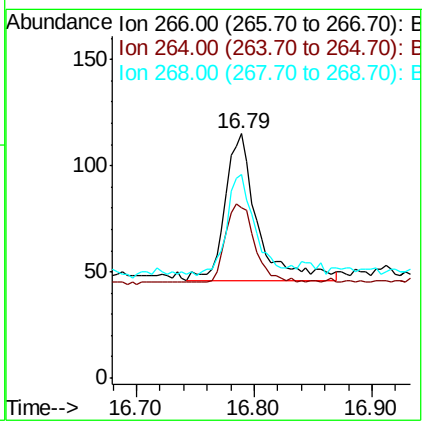


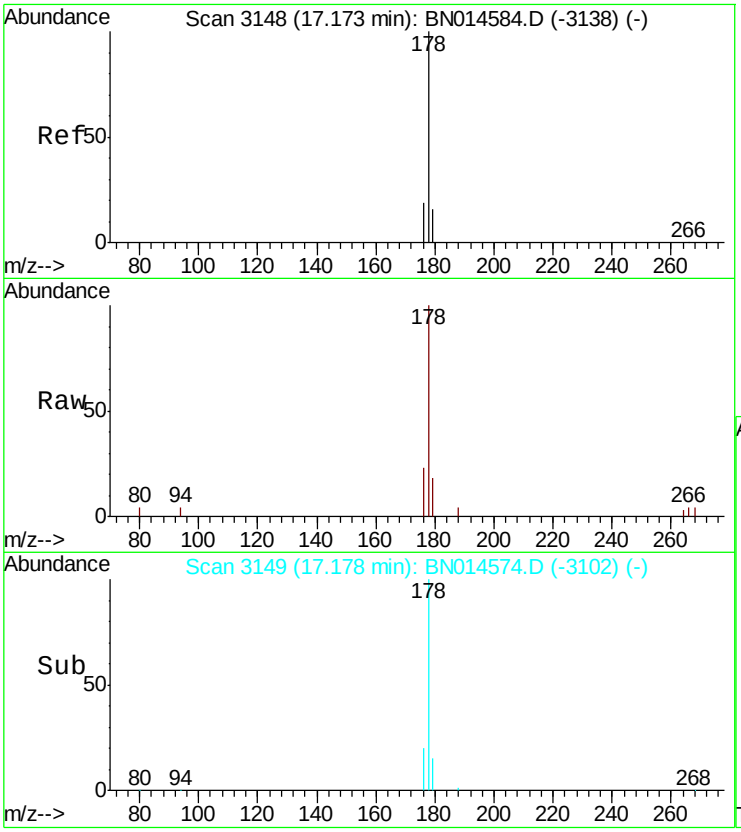


#14
Pentachlorophenol
Concen: 0.135 ng/ul
RT: 16.79 min Scan# 3057
Delta R.T. 0.00 min
Lab File: BN014574.D
Acq: 12 May 2021 11:43

Tgt Ion:266 Resp: 130

Ion	Ratio	Lower	Upper
266	100		
264	50.0	49.4	74.2
268	62.3	49.1	73.7



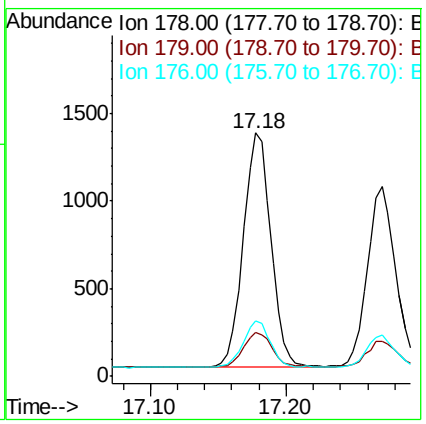


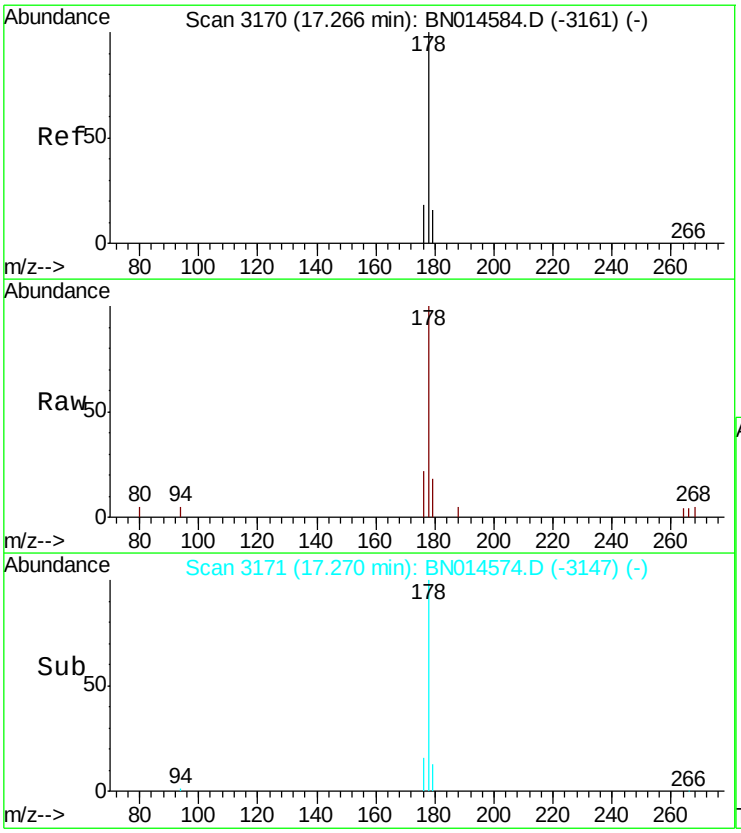
#15
Phenanthrene
Concen: 0.197 ng/ul
RT: 17.18 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BN014574.D
Acq: 12 May 2021 11:43

Instrument :
BNA_N
ClientSampleId :
SSTD0.2002

Tgt Ion:178 Resp: 1893

Ion	Ratio	Lower	Upper
178	100		
179	18.2	14.1	21.1
176	22.9	16.9	25.3

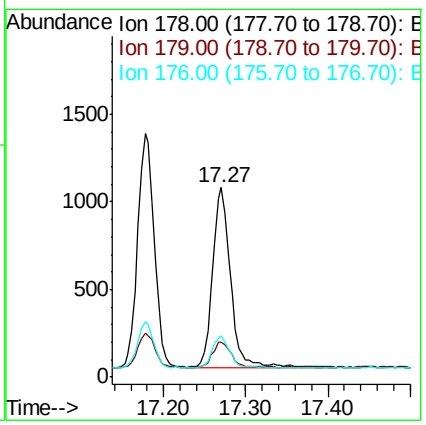


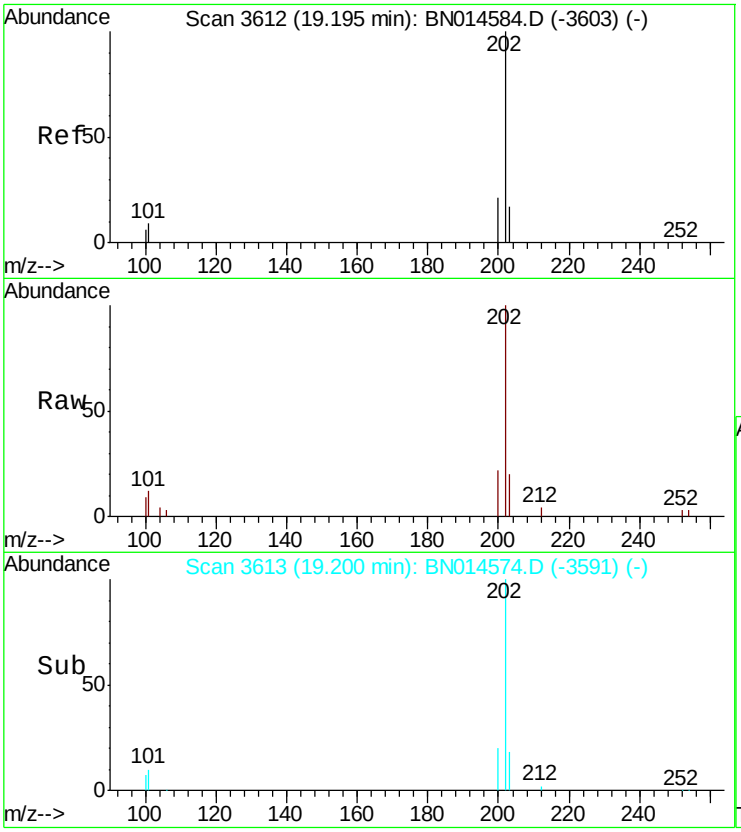


#16
Anthracene
Concen: 0.184 ng/ul
RT: 17.27 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BN014574.D
Acq: 12 May 2021 11:43

Tgt Ion:178 Resp: 1544

Ion	Ratio	Lower	Upper
178	100		
179	18.4	14.1	21.1
176	22.1	15.8	23.6



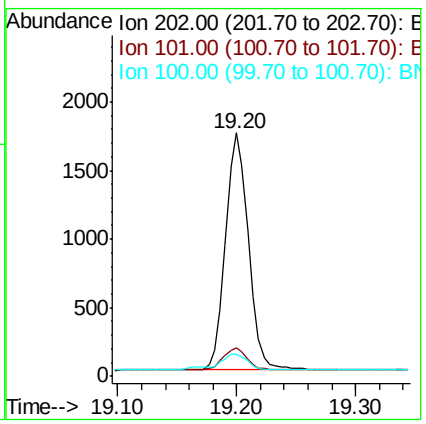


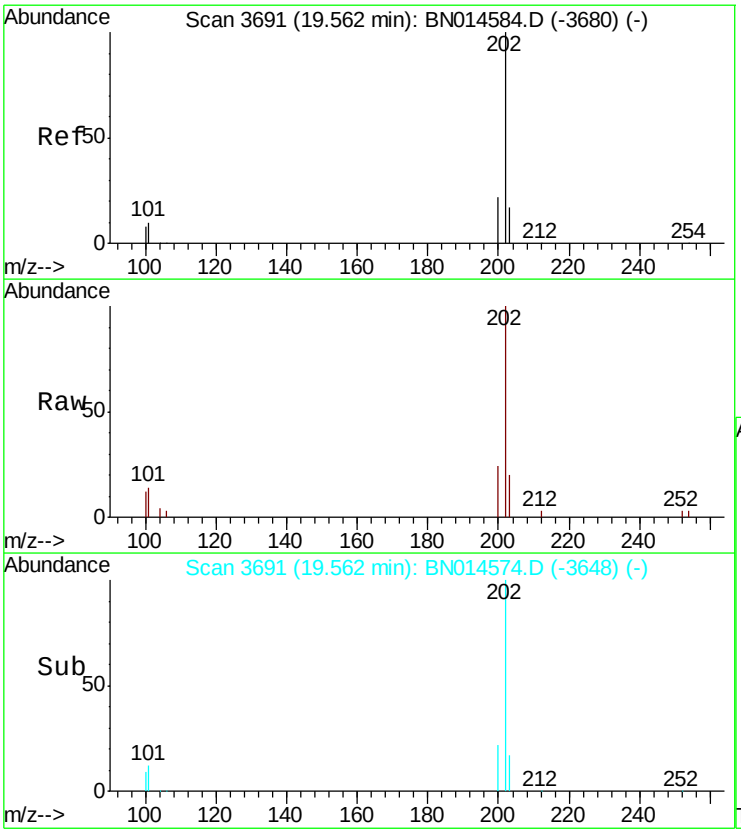
#19
Fluoranthene
Concen: 0.172 ng/ul
RT: 19.20 min Scan# 3613
Delta R.T. 0.00 min
Lab File: BN014574.D
Acq: 12 May 2021 11:43

Instrument :
BNA_N
ClientSampleId :
SSTD0.2002

Tgt Ion:202 Resp: 2306

Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.3	12.5
100	9.1	6.7	10.1

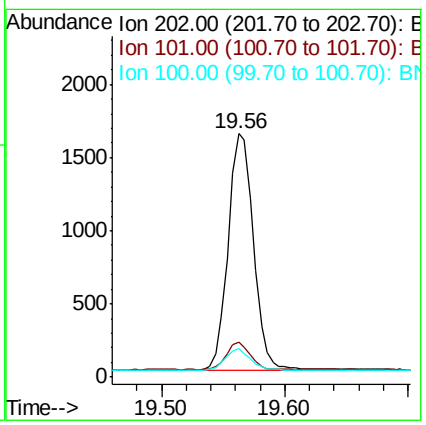


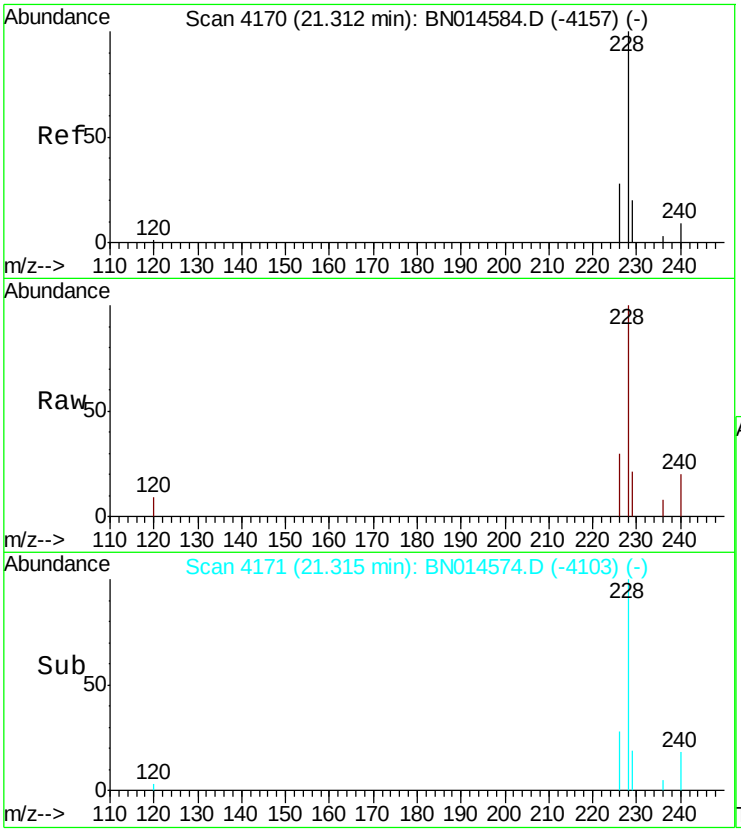


#20
Pyrene
Concen: 0.170 ng/ul
RT: 19.56 min Scan# 3691
Delta R.T. 0.00 min
Lab File: BN014574.D
Acq: 12 May 2021 11:43

Tgt Ion:202 Resp: 2315

Ion	Ratio	Lower	Upper
202	100		
101	14.5	9.4	14.0#
100	11.7	8.2	12.4



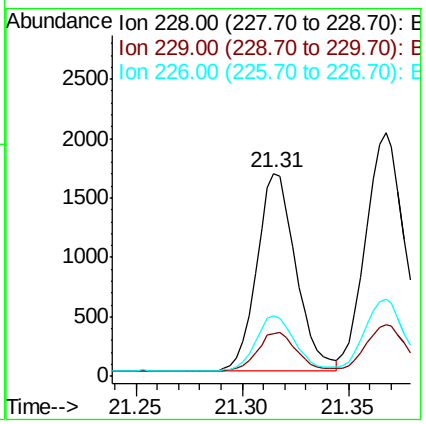


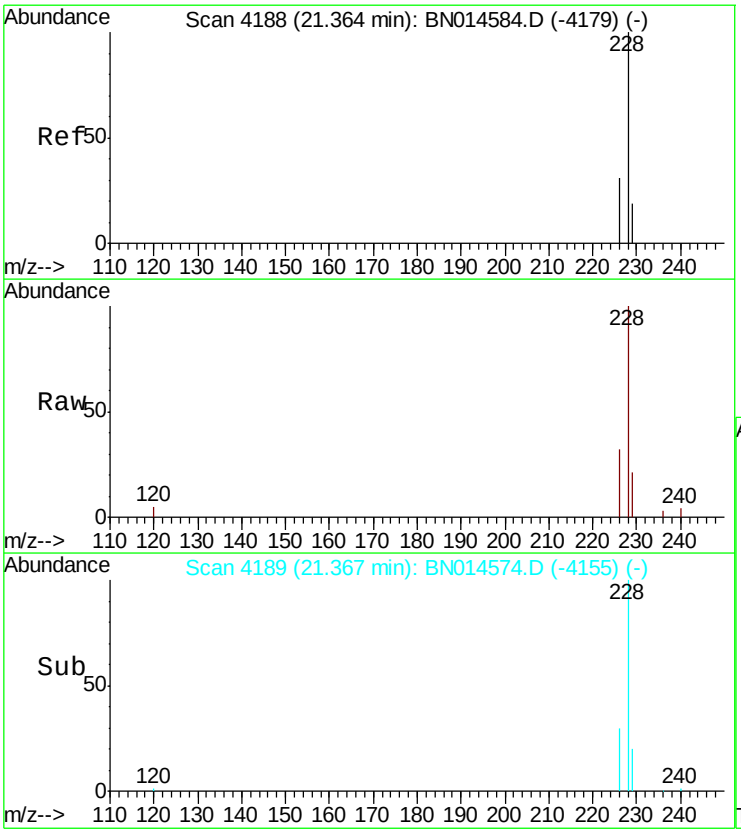
#21
Benzo(a)anthracene
Concen: 0.172 ng/ul
RT: 21.31 min Scan# 4171
Delta R.T. 0.00 min
Lab File: BN014574.D
Acq: 12 May 2021 11:43

Instrument :
BNA_N
ClientSampleId :
SSTD0.2002

Tgt Ion:228 Resp: 2122

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.0	24.0
226	29.5	22.2	33.2

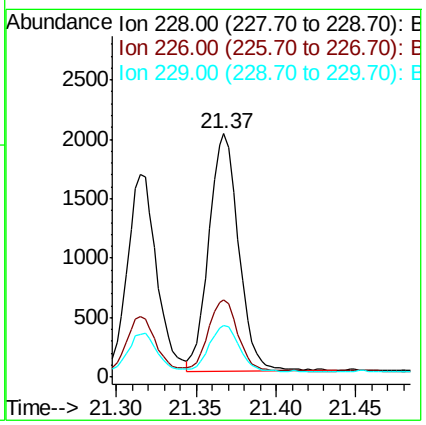


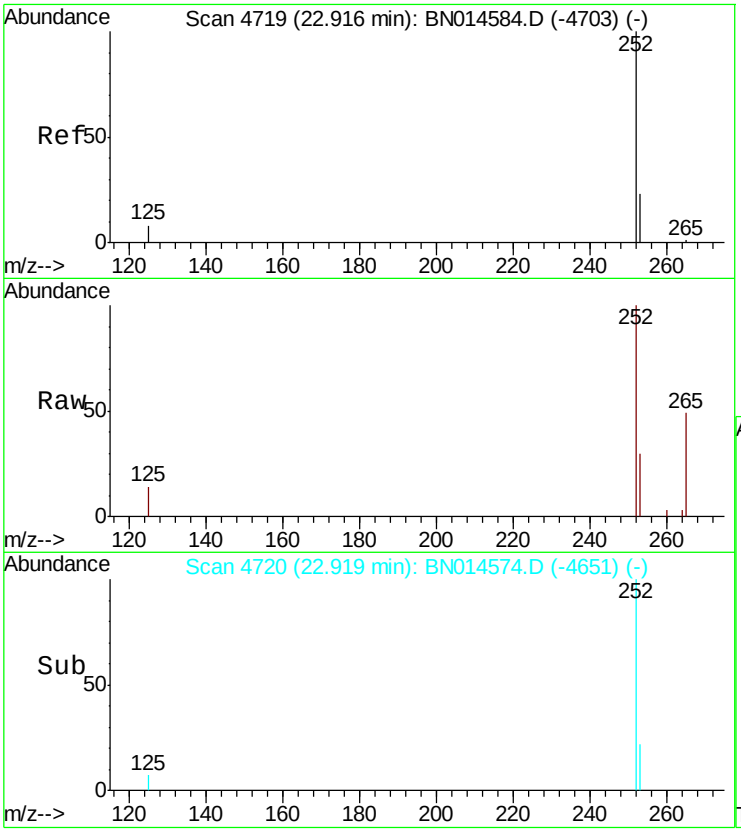


#22
Chrysene
Concen: 0.201 ng/ul
RT: 21.37 min Scan# 4189
Delta R.T. 0.00 min
Lab File: BN014574.D
Acq: 12 May 2021 11:43

Tgt Ion:228 Resp: 2582

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	21.4	16.3	24.5



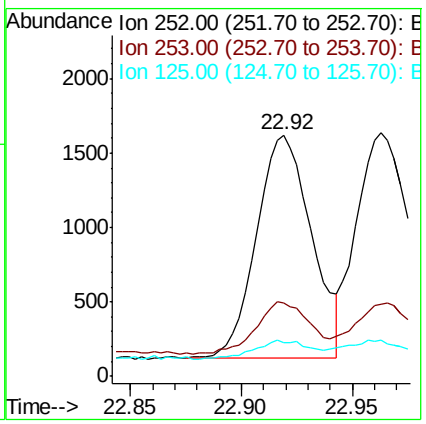


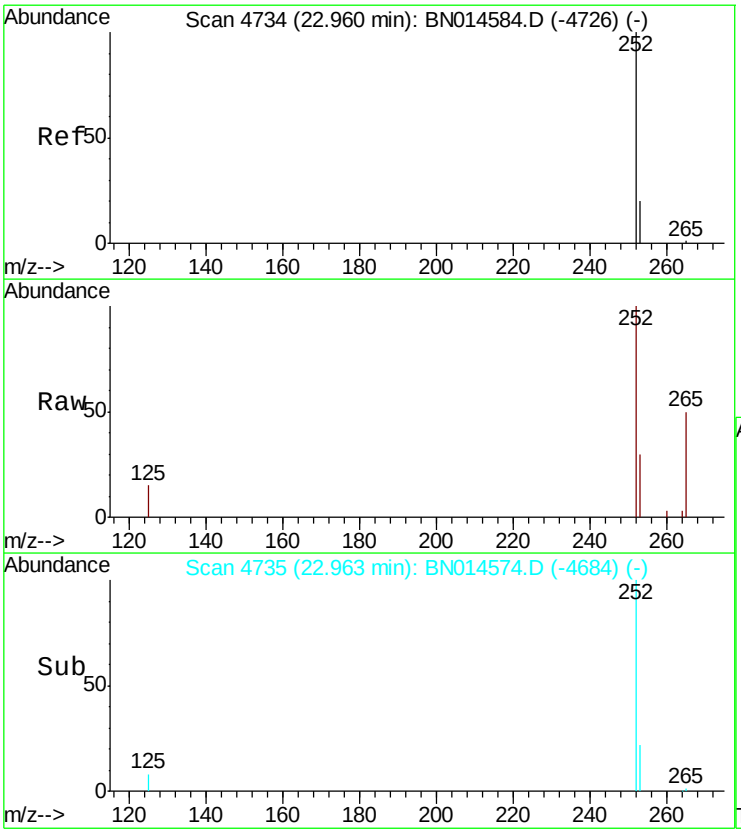
#24
Benzo(b)fluoranthene
Concen: 0.200 ng/ul
RT: 22.92 min Scan# 4720
Delta R.T. 0.00 min
Lab File: BN014574.D
Acq: 12 May 2021 11:43

Instrument :
BNA_N
ClientSampleId :
SSTD0.2002

Tgt Ion:252 Resp: 2589

Ion	Ratio	Lower	Upper
252	100		
253	30.2	0.0	51.0
125	13.8	0.0	20.2

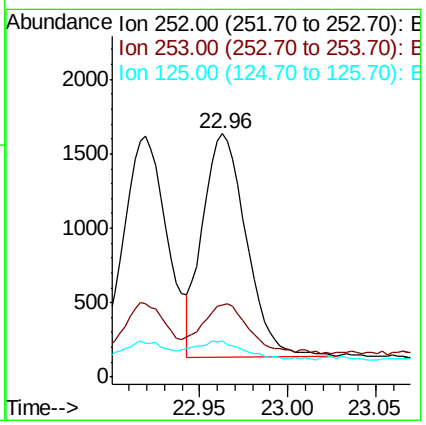


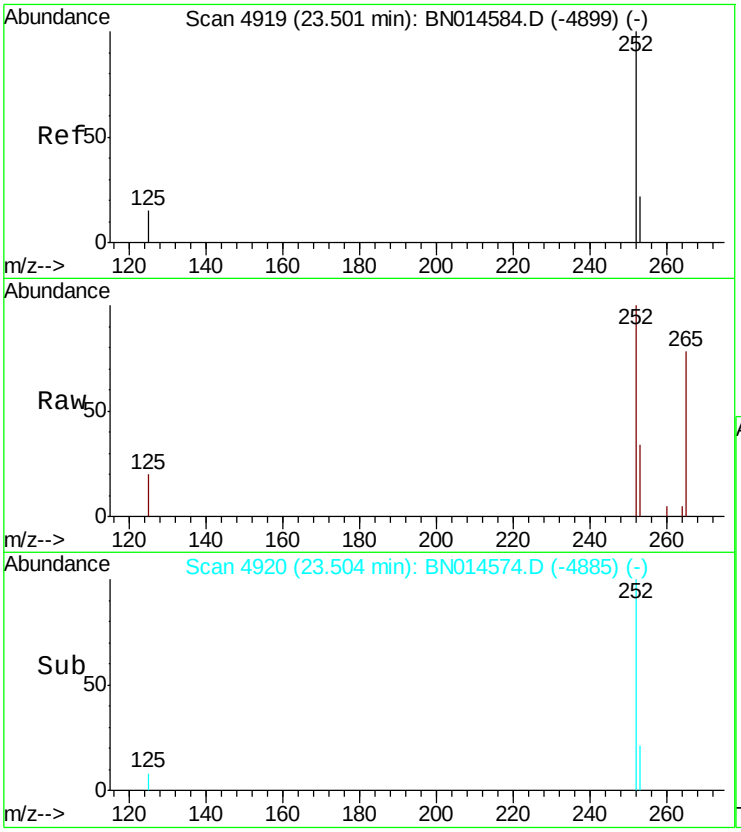


#25
Benzo(k)fluoranthene
Concen: 0.195 ng/ul
RT: 22.96 min Scan# 4735
Delta R.T. 0.00 min
Lab File: BN014574.D
Acq: 12 May 2021 11:43

Tgt Ion:252 Resp: 2565

Ion	Ratio	Lower	Upper
252	100		
253	29.8	20.2	30.2
125	15.0	8.4	12.6#



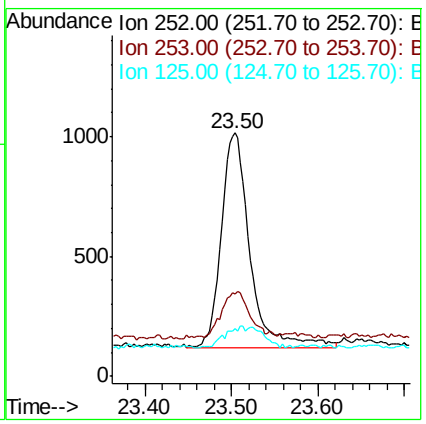


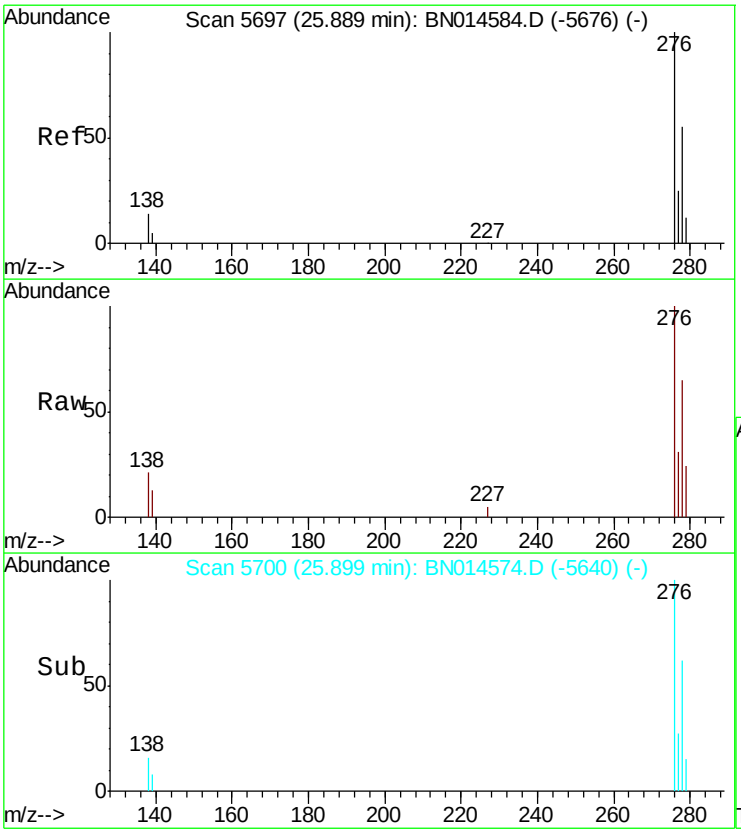
#26
Benzo(a)pyrene
Concen: 0.192 ng/ul
RT: 23.50 min Scan# 4920
Delta R.T. 0.00 min
Lab File: BN014574.D
Acq: 12 May 2021 11:43

Instrument :
BNA_N
ClientSampleId :
SSTD0.2002

Tgt Ion:252 Resp: 2067

Ion	Ratio	Lower	Upper
252	100		
253	34.1	23.0	34.4
125	19.7	11.4	17.2#

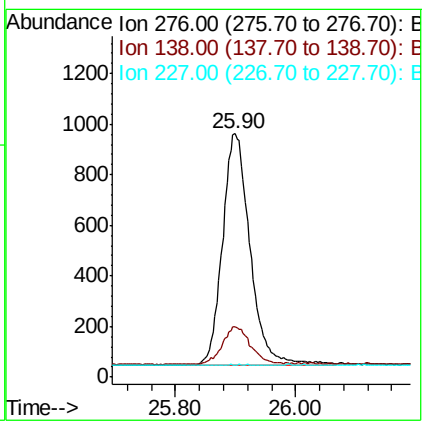


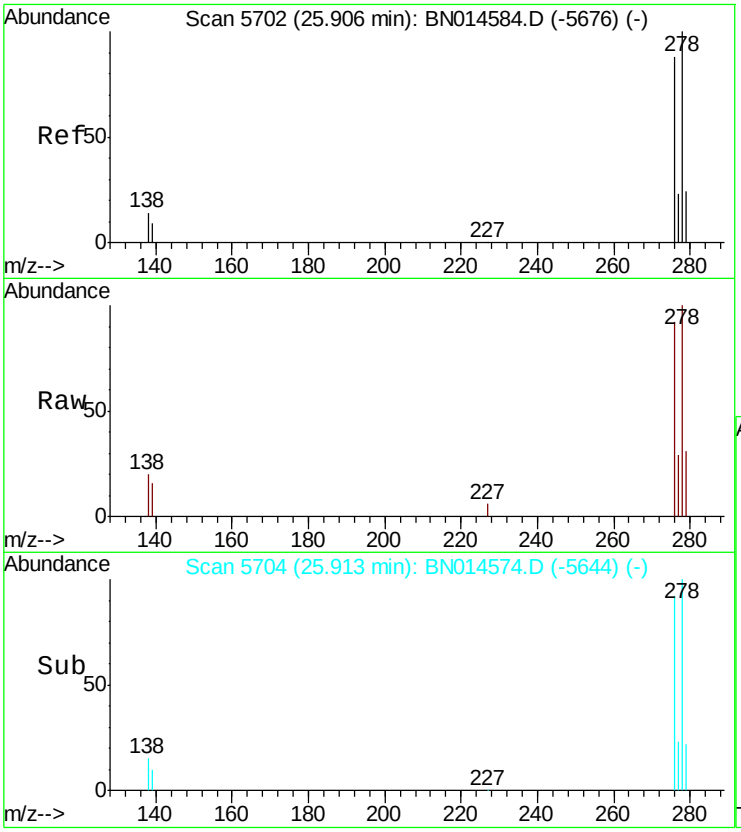


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.198 ng/ul
RT: 25.90 min Scan# 5700
Delta R.T. 0.00 min
Lab File: BN014574.D
Acq: 12 May 2021 11:43

Tgt Ion:276 Resp: 2925

Ion	Ratio	Lower	Upper
276	100		
138	0.0	14.1	21.1#
227	0.1	0.0	0.0#



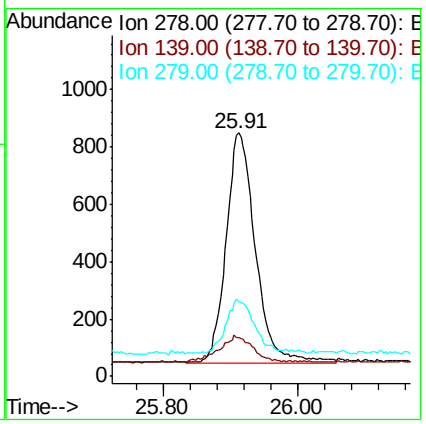


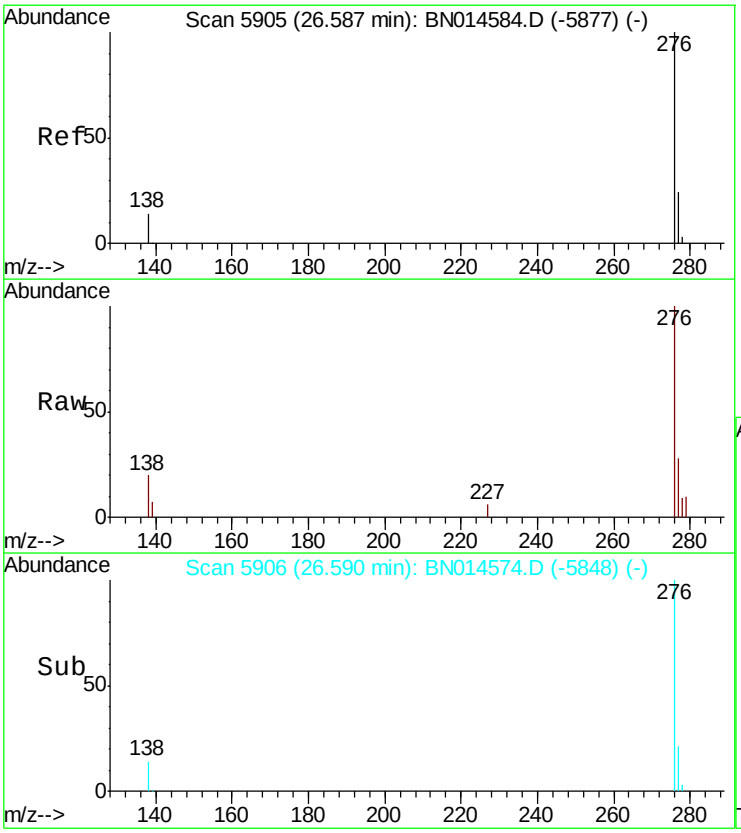
#28
Dibenzo(a,h)anthracene
Concen: 0.205 ng/ul
RT: 25.91 min Scan# 5704
Delta R.T. 0.00 min
Lab File: BN014574.D
Acq: 12 May 2021 11:43

Instrument :
BNA_N
ClientSampleId :
SSTD0.2002

Tgt Ion:278 Resp: 2421

Ion	Ratio	Lower	Upper
278	100		
139	15.8	10.4	15.6#
279	31.0	21.8	32.6





#29
Benzo(g,h,i)perylene
Concen: 0.202 ng/ul
RT: 26.59 min Scan# 5906
Delta R.T. -0.01 min
Lab File: BN014574.D
Acq: 12 May 2021 11:43

Tgt Ion:276 Resp: 2515

Ion	Ratio	Lower	Upper
276	100		
138	19.9	12.6	18.8#
277	27.5	20.9	31.3