Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051221\
Data File : BN014573.D
Acq On : 12 May 2021 11:08
Operator : CG/JU
Sample : SSTD0.101
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD0.1001

Quant Time: May 12 12:55:30 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	815	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	2651	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.39	164	1743	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.14	188	4447	0.40	ng/ul	0.00
17) Chrysene-d12	21.33	240	5002	0.40	ng/ul	0.00
23) Perylene-d12	23.60	264	4375	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/ul	
6) 2-Methylnaphthalene-d10	12.12	152	469	0.11	ng/ul	0.00
18) Fluoranthene-d10	19.17	212	1417	0.09	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.58	128	794	0.101	ng/ul#	91
7) 2-Methylnaphthalene	12.20	142	550	0.110	ng/ul	96
8) 1-Methylnaphthalene	12.42	142	536	0.111	ng/ul	97
10) Acenaphthylene	14.11	152	688	0.084	ng/ul#	86
11) Acenaphthene	14.45	153	615	0.097	ng/ul	98
12) Fluorene	15.44	166	732	0.103	ng/ul#	95
15) Phenanthrene	17.18	178	1385	0.096	ng/ul	94
16) Anthracene	17.27	178	1118	0.089	ng/ul#	93
19) Fluoranthene	19.20	202	1689	0.084	ng/ul#	94
20) Pyrene	19.57	202	1695	0.083	ng/ul#	96
21) Benzo(a)anthracene	21.32	228	1562	0.084	ng/ul	94
22) Chrysene	21.37	228	1850	0.096	ng/ul	98
24) Benzo(b)fluoranthene	22.92	252	1862	0.094	ng/ul	85
25) Benzo(k)fluoranthene	22.96	252	1890	0.094	ng/ul#	85
26) Benzo(a)pyrene	23.51	252	1424	0.087	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.90	276	2066	0.092	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.92	278	1668	0.093	ng/ul#	83
29) Benzo(g,h,i)perylene	26.60	276	1732	0.091	ng/ul#	89

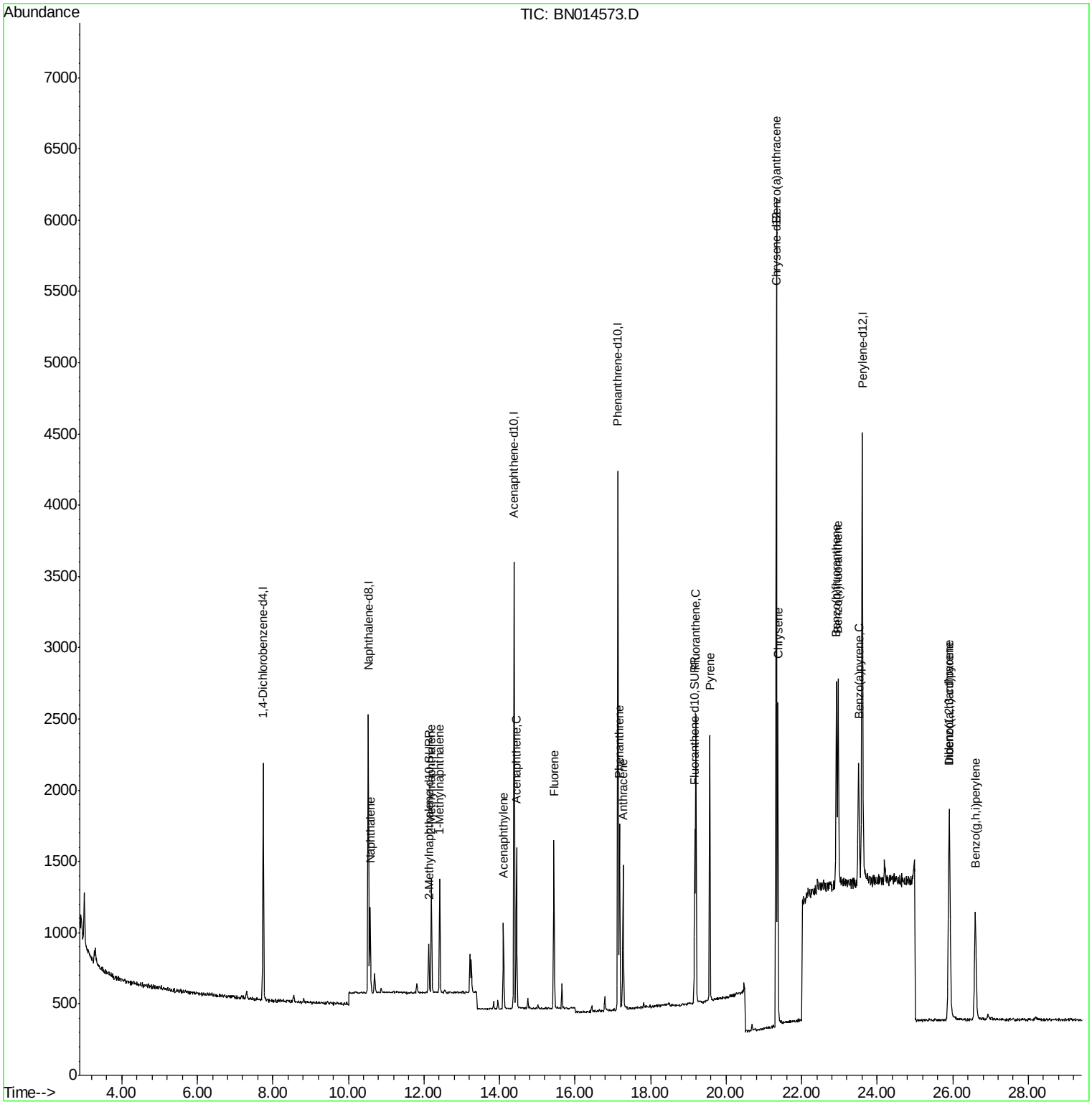
(#) = qualifier out of range (m) = manual integration (+) = signals summed

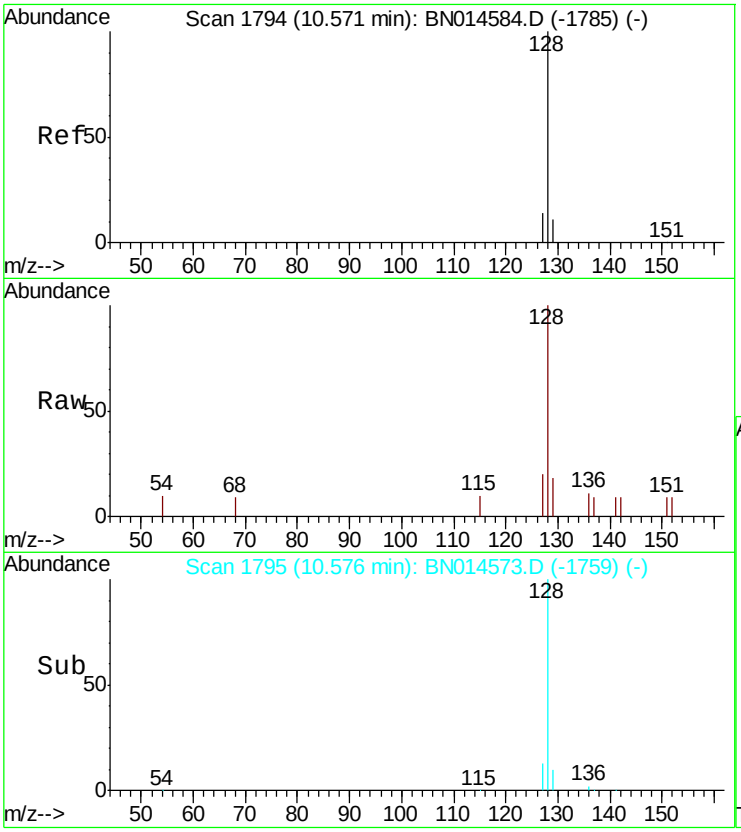
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051221\
Data File : BN014573.D
Acq On : 12 May 2021 11:08
Operator : CG/JU
Sample : SSTD0.101
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.1001

Quant Time: May 12 12:55:30 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



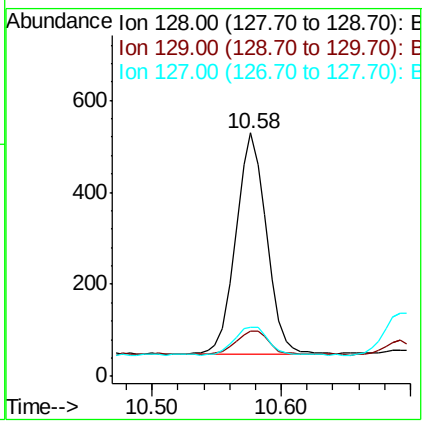


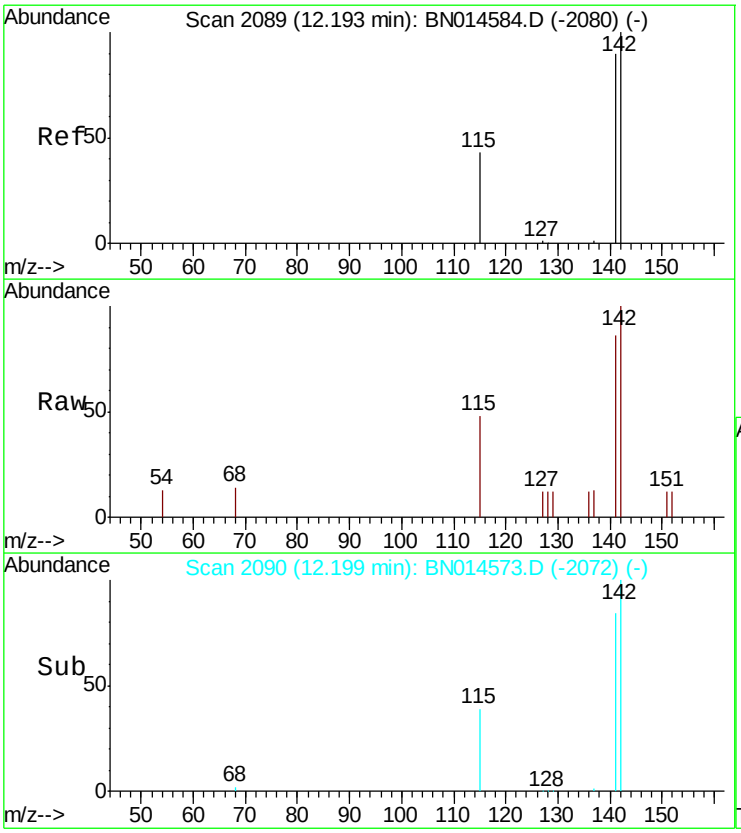
#5
Naphthalene
Concen: 0.101 ng/ul
RT: 10.58 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BN014573.D
Acq: 12 May 2021 11:08

Instrument :
BNA_N
ClientSampleId :
SSTD0.1001

Tgt Ion:128 Resp: 794

Ion	Ratio	Lower	Upper
128	100		
129	18.3	11.6	17.4#
127	20.2	13.3	19.9#

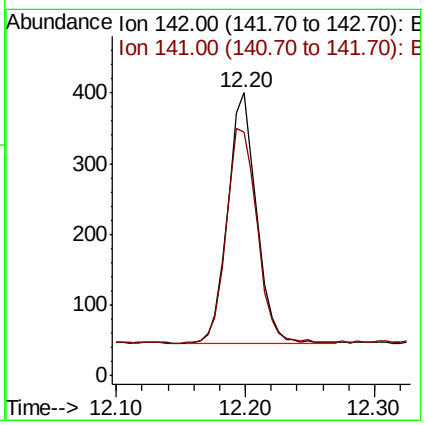


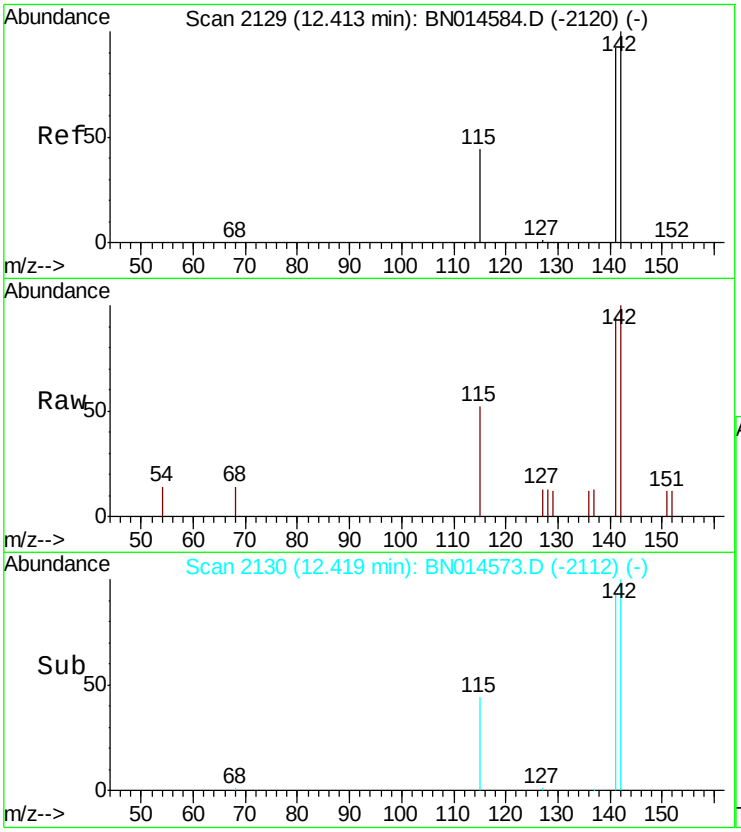


#7
2-Methylnaphthalene
Concen: 0.110 ng/ul
RT: 12.20 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BN014573.D
Acq: 12 May 2021 11:08

Tgt Ion:142 Resp: 550

Ion	Ratio	Lower	Upper
142	100		
141	92.5	70.9	106.3



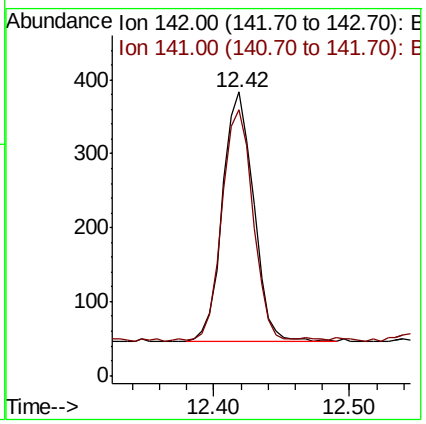


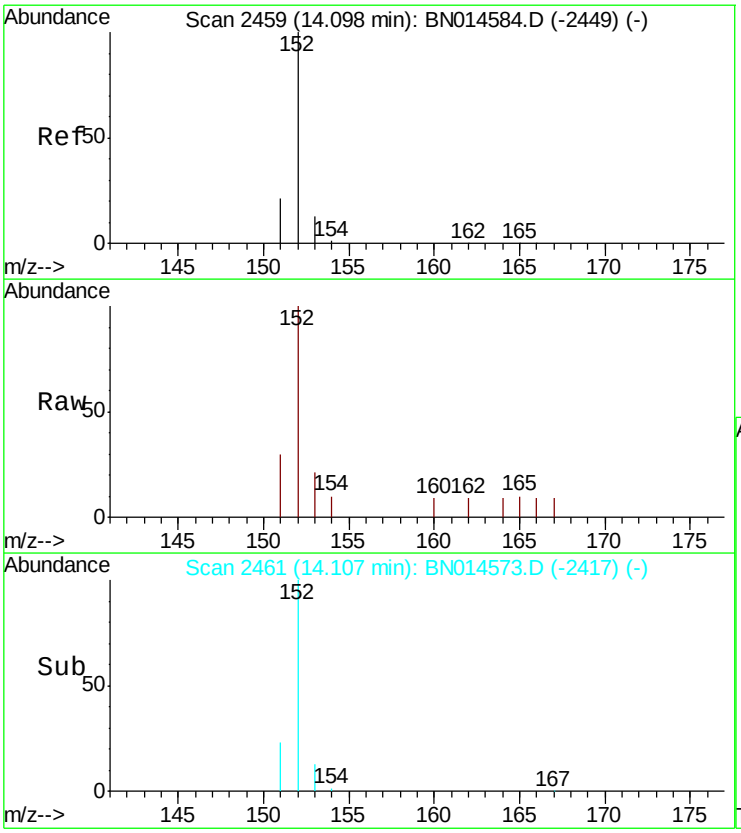
#8
1-Methylnaphthalene
Concen: 0.111 ng/ul
RT: 12.42 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BN014573.D
Acq: 12 May 2021 11:08

Instrument :
BNA_N
ClientSampleId :
SSTD0.1001

Tgt Ion:142 Resp: 536

Ion	Ratio	Lower	Upper
142	100		
141	92.4	75.9	113.9

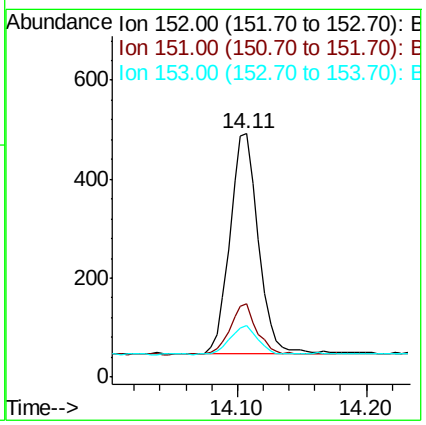


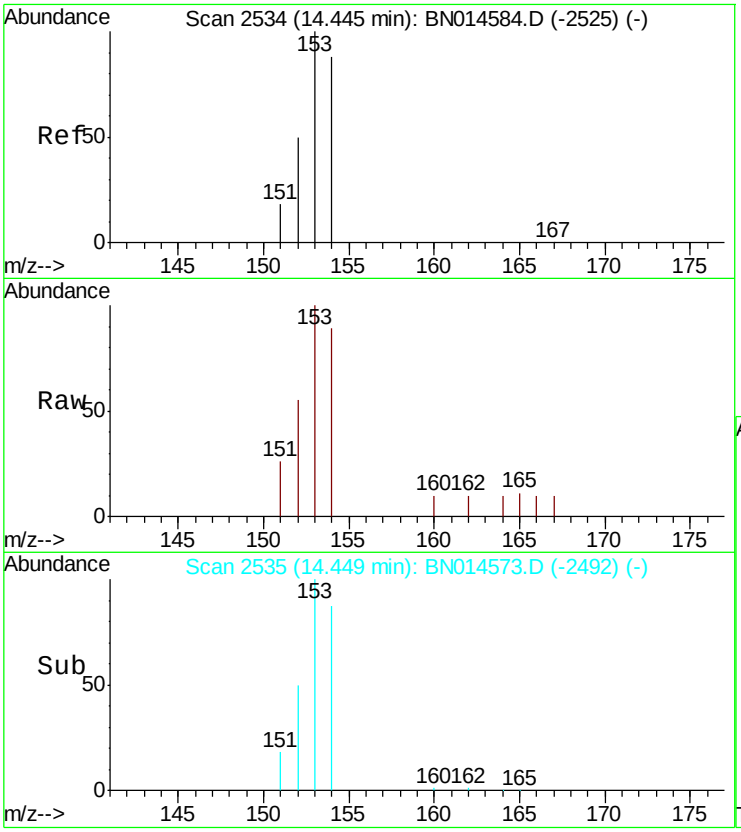


#10
Acenaphthylene
Concen: 0.084 ng/ul
RT: 14.11 min Scan# 2461
Delta R.T. 0.00 min
Lab File: BN014573.D
Acq: 12 May 2021 11:08

Tgt Ion:152 Resp: 688

Ion	Ratio	Lower	Upper
152	100		
151	29.9	18.2	27.2#
153	21.3	12.8	19.2#



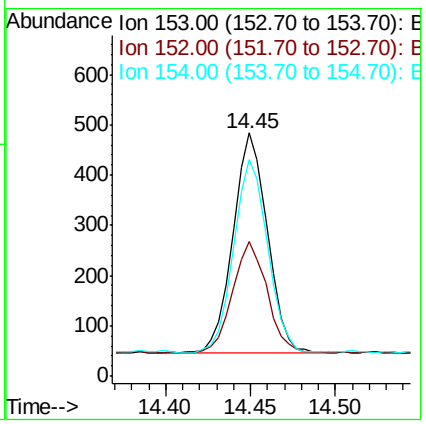


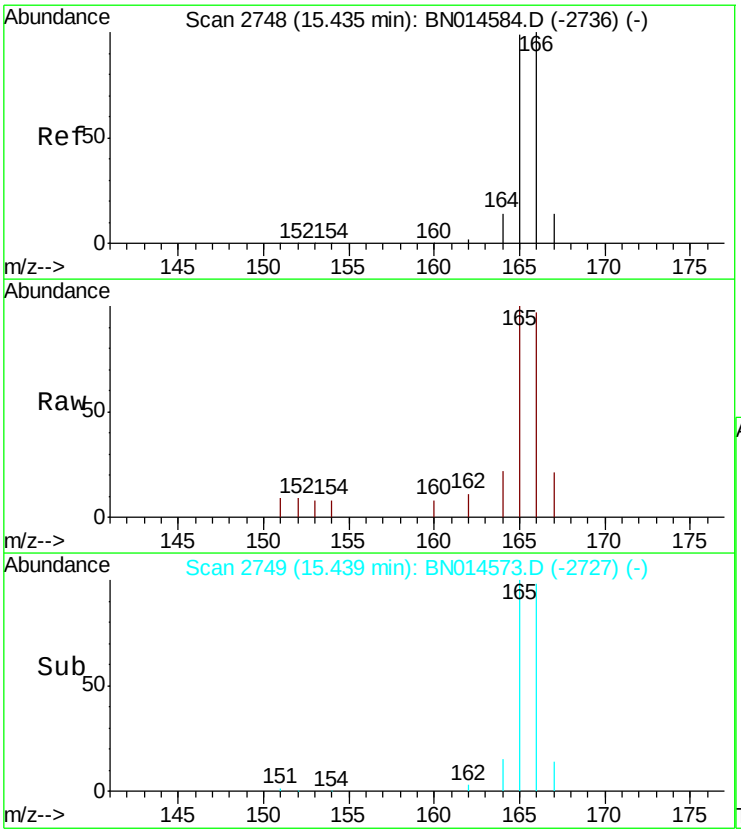
#11
Acenaphthene
Concen: 0.097 ng/ul
RT: 14.45 min Scan# 2535
Delta R.T. -0.00 min
Lab File: BN014573.D
Acq: 12 May 2021 11:08

Instrument :
BNA_N
ClientSampleId :
SSTD0.1001

Tgt Ion:153 Resp: 615

Ion	Ratio	Lower	Upper
153	100		
152	55.2	40.9	61.3
154	88.8	70.7	106.1

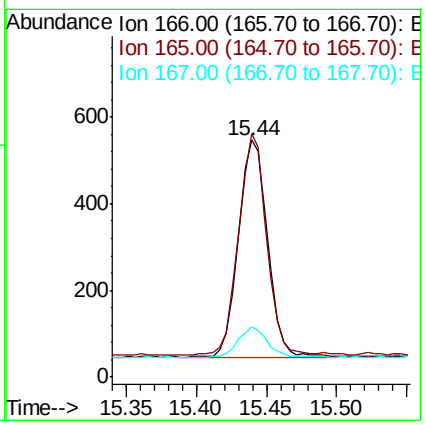


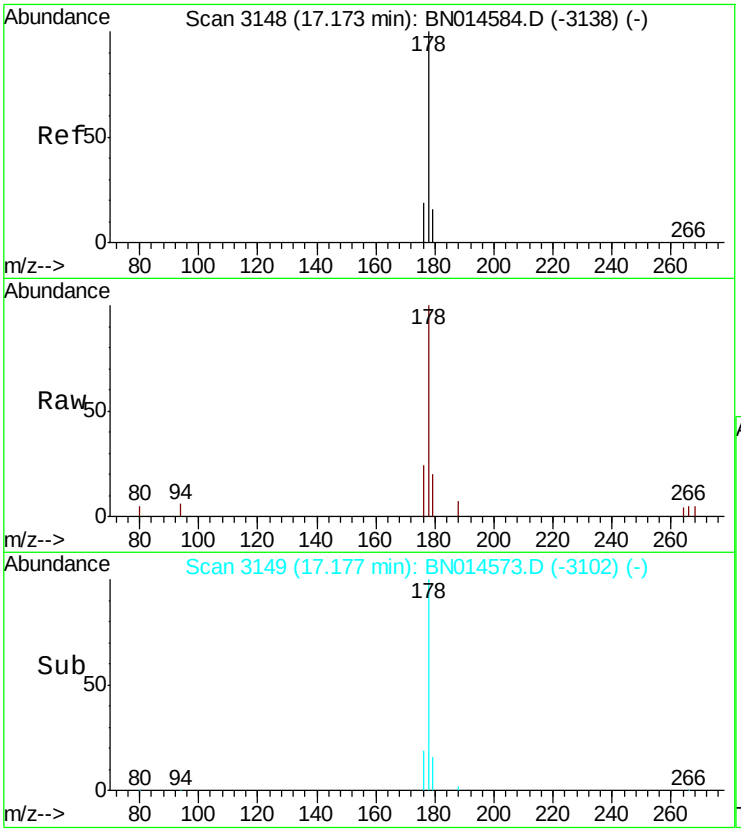


#12
Fluorene
Concen: 0.103 ng/ul
RT: 15.44 min Scan# 2749
Delta R.T. -0.00 min
Lab File: BN014573.D
Acq: 12 May 2021 11:08

Tgt Ion:166 Resp: 732

Ion	Ratio	Lower	Upper
166	100		
165	102.7	78.6	118.0
167	21.2	13.2	19.8#



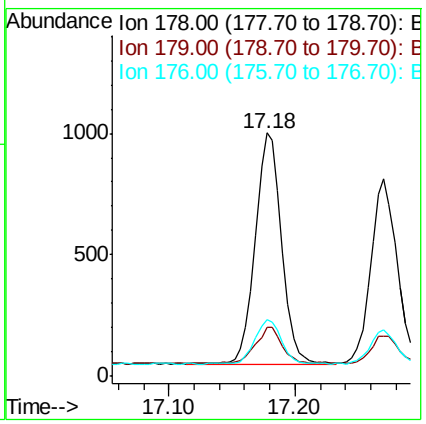


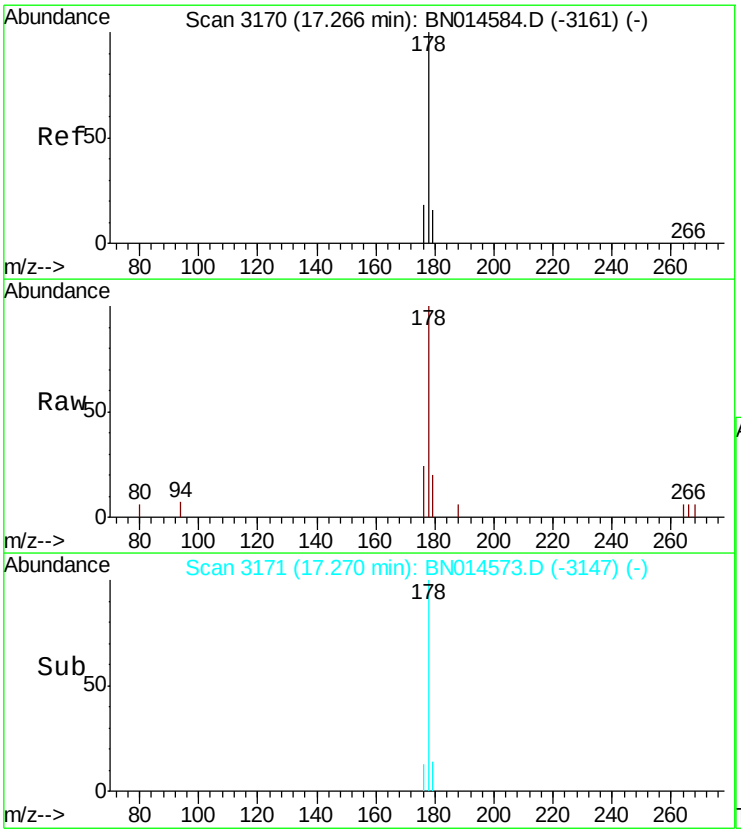
#15
Phenanthrene
Concen: 0.096 ng/ul
RT: 17.18 min Scan# 3149
Delta R.T. -0.00 min
Lab File: BN014573.D
Acq: 12 May 2021 11:08

Instrument :
BNA_N
ClientSampleId :
SSTD0.1001

Tgt Ion:178 Resp: 1385

Ion	Ratio	Lower	Upper
178	100		
179	20.4	14.1	21.1
176	23.6	16.9	25.3

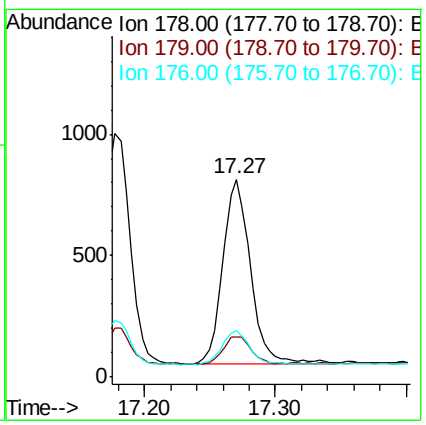


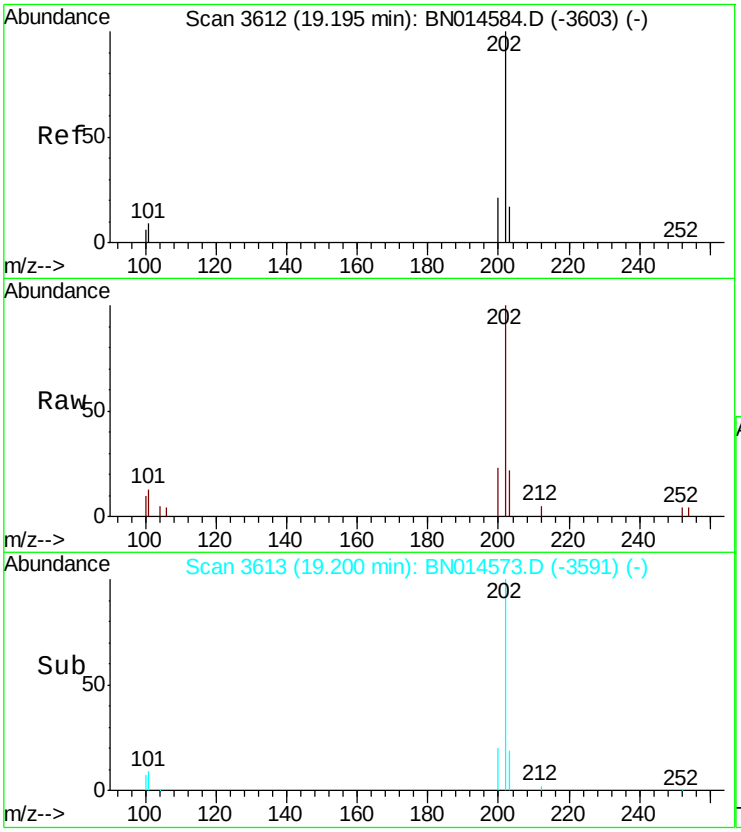


#16
Anthracene
Concen: 0.089 ng/ul
RT: 17.27 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BN014573.D
Acq: 12 May 2021 11:08

Tgt Ion:178 Resp: 1118

Ion	Ratio	Lower	Upper
178	100		
179	20.1	14.1	21.1
176	23.7	15.8	23.6#



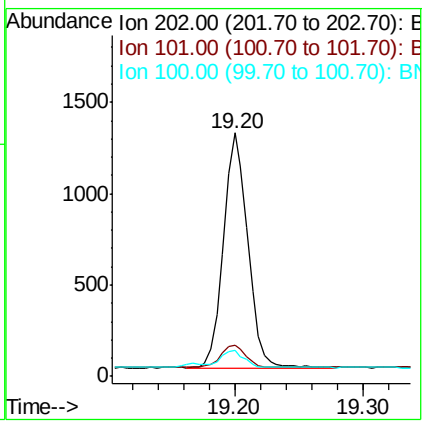


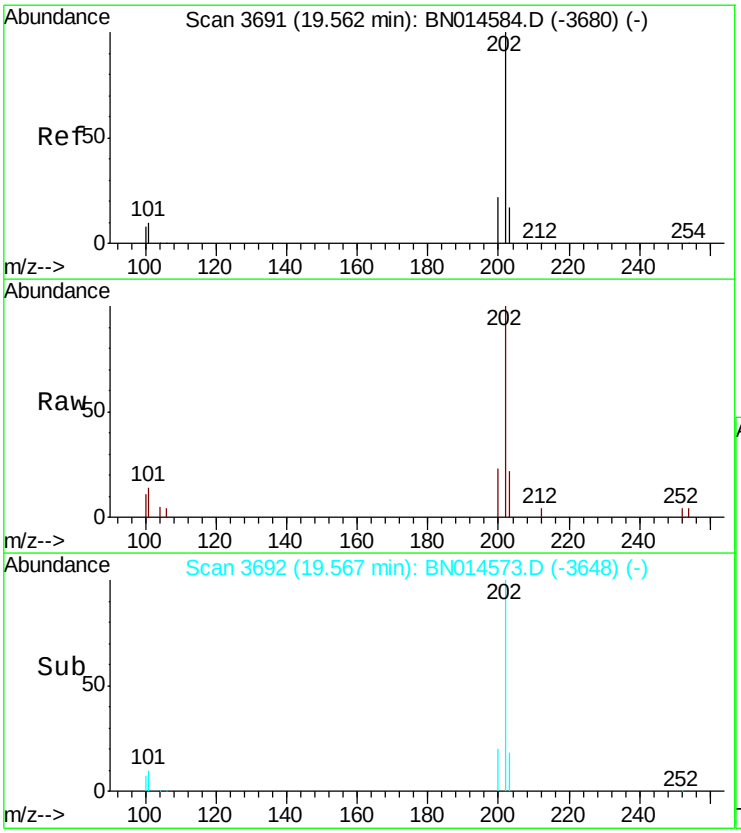
#19
Fluoranthene
Concen: 0.084 ng/ul
RT: 19.20 min Scan# 3613
Delta R.T. -0.00 min
Lab File: BN014573.D
Acq: 12 May 2021 11:08

Instrument :
BNA_N
ClientSampleId :
SSTD0.1001

Tgt Ion:202 Resp: 1689

Ion	Ratio	Lower	Upper
202	100		
101	12.6	8.3	12.5#
100	10.4	6.7	10.1#

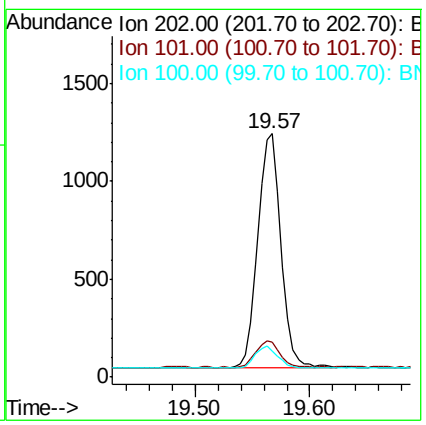


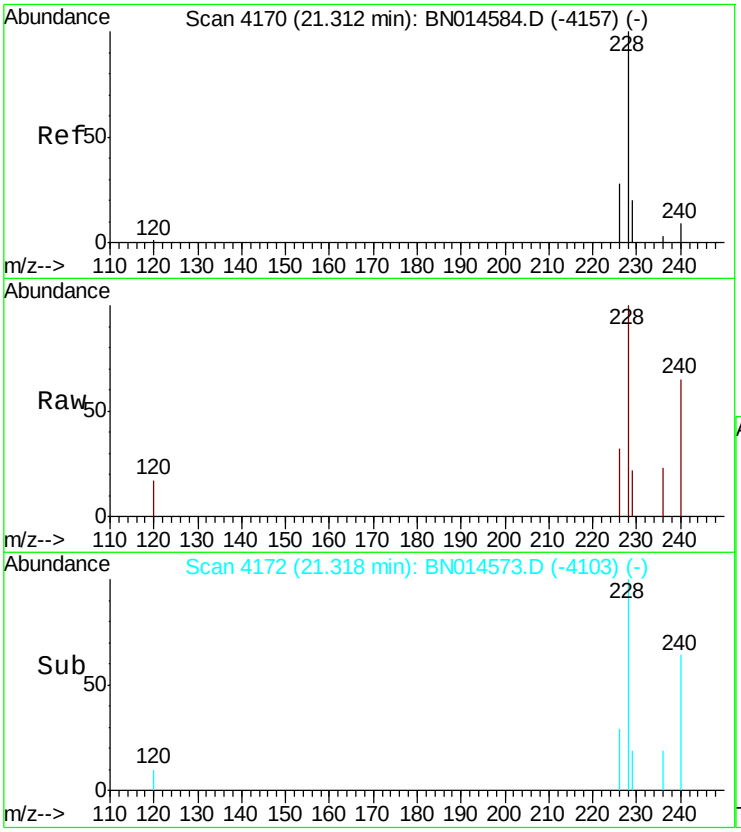


#20
Pyrene
Concen: 0.083 ng/ul
RT: 19.57 min Scan# 3692
Delta R.T. 0.00 min
Lab File: BN014573.D
Acq: 12 May 2021 11:08

Tgt Ion:202 Resp: 1695

Ion	Ratio	Lower	Upper
202	100		
101	14.1	9.4	14.0#
100	10.9	8.2	12.4



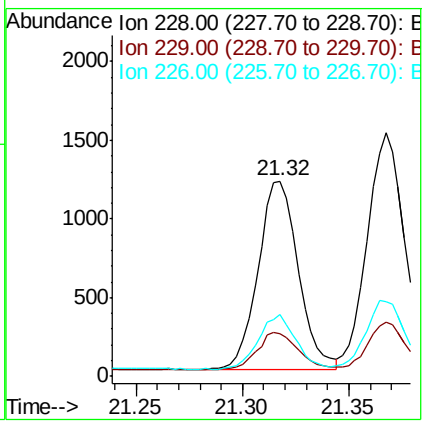


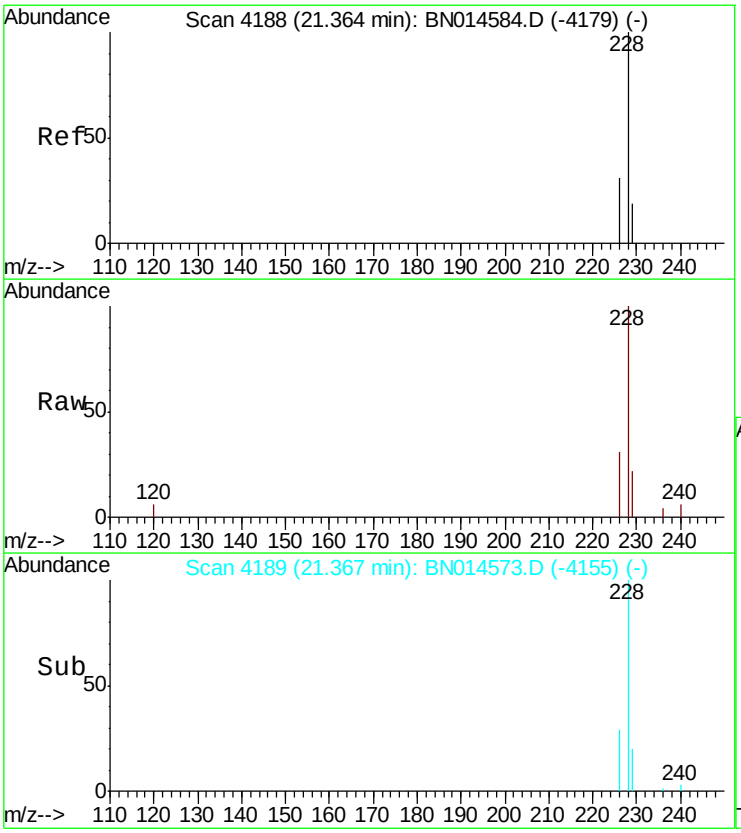
#21
Benzo(a)anthracene
Concen: 0.084 ng/ul
RT: 21.32 min Scan# 4172
Delta R.T. 0.00 min
Lab File: BN014573.D
Acq: 12 May 2021 11:08

Instrument :
BNA_N
ClientSampleId :
SSTD0.1001

Tgt Ion:228 Resp: 1562

Ion	Ratio	Lower	Upper
228	100		
229	22.0	16.0	24.0
226	31.7	22.2	33.2

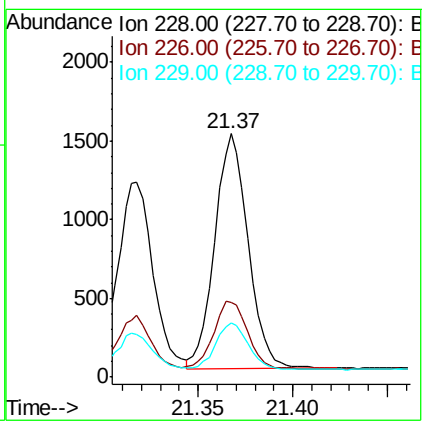


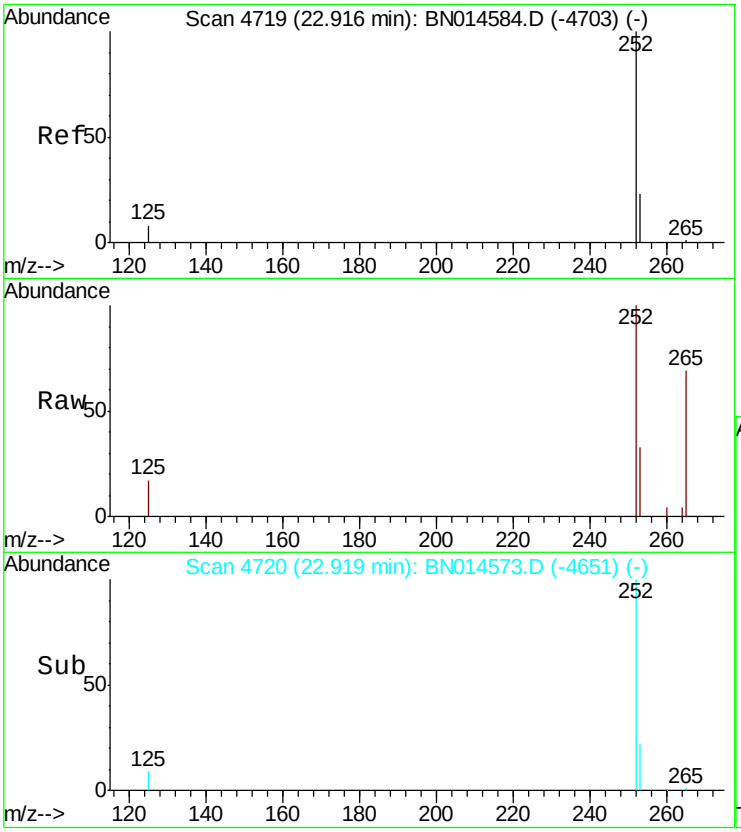


#22
Chrysene
Concen: 0.096 ng/ul
RT: 21.37 min Scan# 4189
Delta R.T. -0.00 min
Lab File: BN014573.D
Acq: 12 May 2021 11:08

Tgt Ion:228 Resp: 1850

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	22.2	16.3	24.5



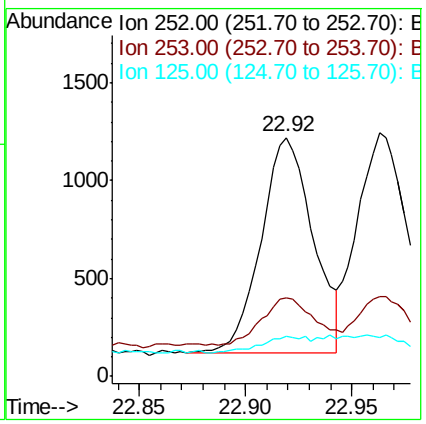


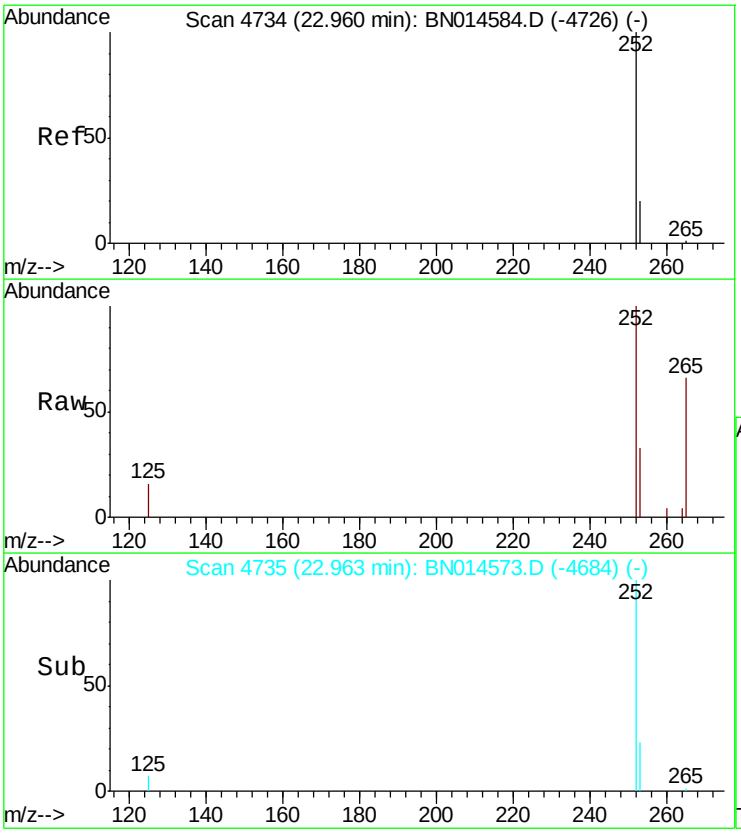
#24
Benzo(b)fluoranthene
Concen: 0.094 ng/ul
RT: 22.92 min Scan# 4720
Delta R.T. 0.00 min
Lab File: BN014573.D
Acq: 12 May 2021 11:08

Instrument :
BNA_N
ClientSampleId :
SSTD0.1001

Tgt Ion:252 Resp: 1862

Ion	Ratio	Lower	Upper
252	100		
253	32.8	0.0	51.0
125	16.8	0.0	20.2

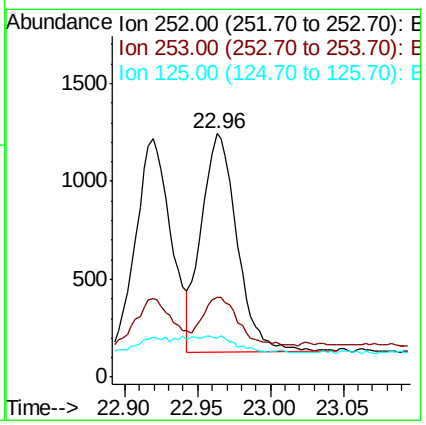


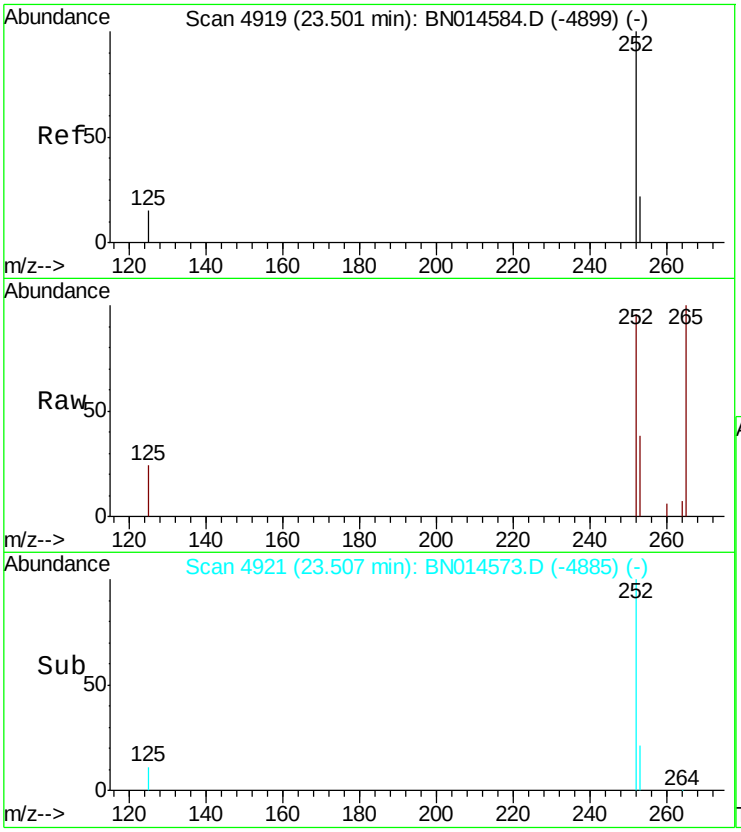


#25
Benzo(k)fluoranthene
Concen: 0.094 ng/ul
RT: 22.96 min Scan# 4735
Delta R.T. -0.00 min
Lab File: BN014573.D
Acq: 12 May 2021 11:08

Tgt Ion:252 Resp: 1890

Ion	Ratio	Lower	Upper
252	100		
253	33.0	20.2	30.2#
125	15.8	8.4	12.6#



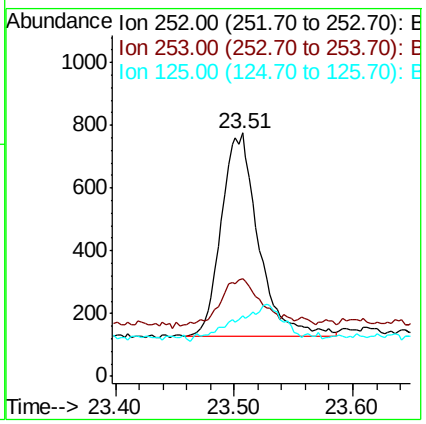


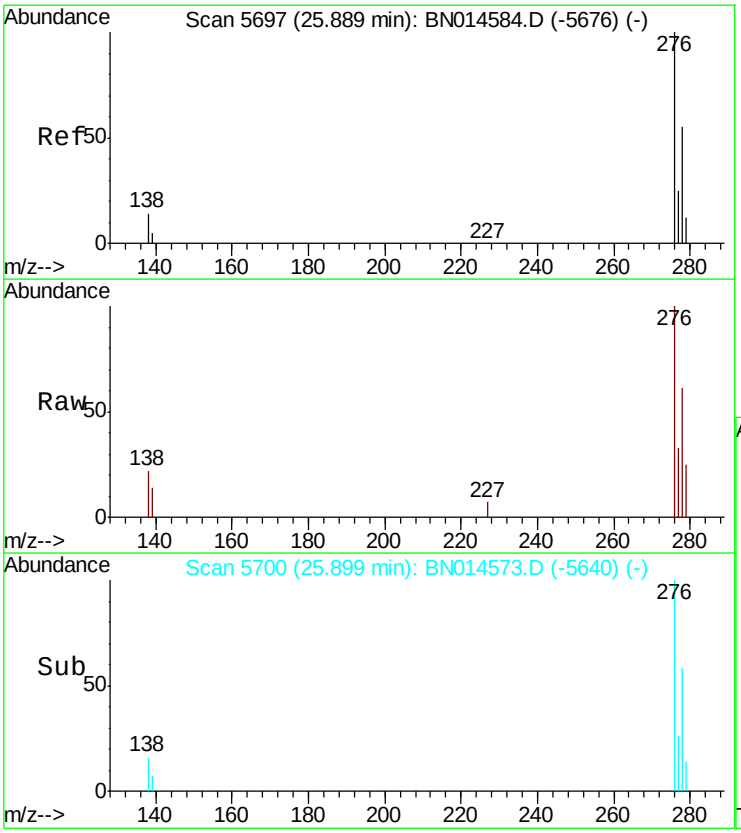
#26
Benzo(a)pyrene
Concen: 0.087 ng/ul
RT: 23.51 min Scan# 4921
Delta R.T. 0.01 min
Lab File: BN014573.D
Acq: 12 May 2021 11:08

Instrument :
BNA_N
ClientSampleId :
SSTD0.1001

Tgt Ion:252 Resp: 1424

Ion	Ratio	Lower	Upper
252	100		
253	40.1	23.0	34.4#
125	25.0	11.4	17.2#

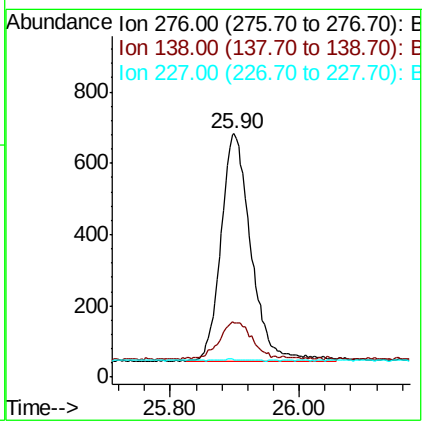


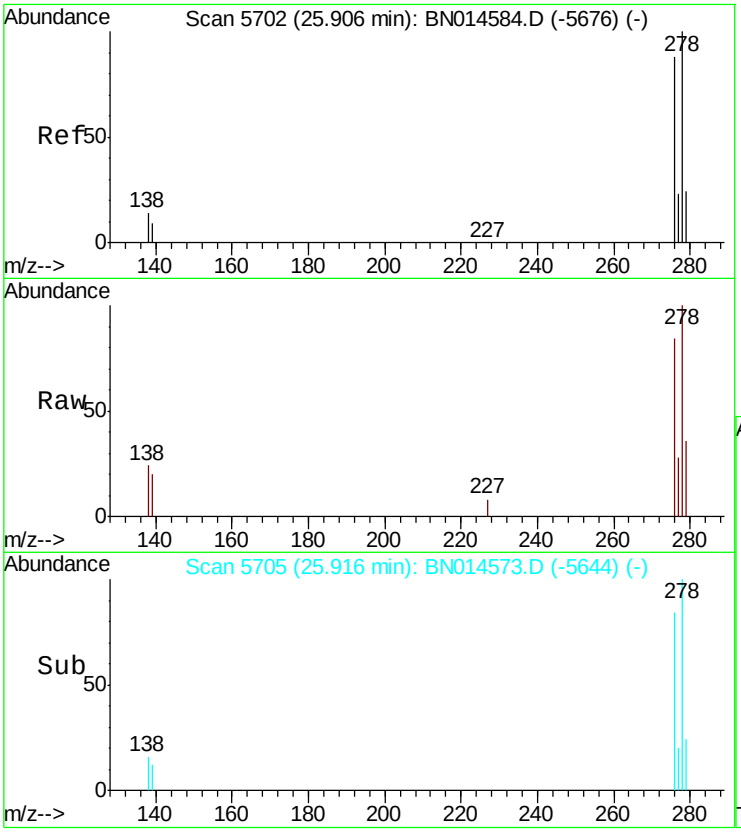


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.092 ng/ul
RT: 25.90 min Scan# 5700
Delta R.T. -0.00 min
Lab File: BN014573.D
Acq: 12 May 2021 11:08

Tgt Ion:276 Resp: 2066

Ion	Ratio	Lower	Upper
276	100		
138	17.6	14.1	21.1
227	0.1	0.0	0.0#



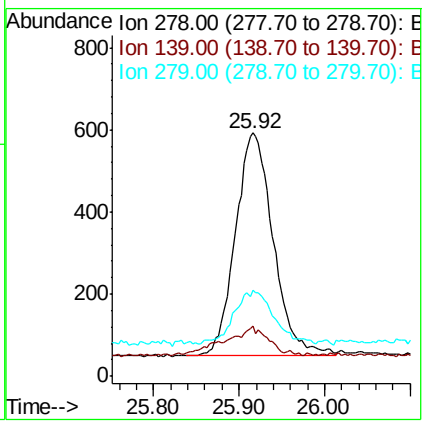


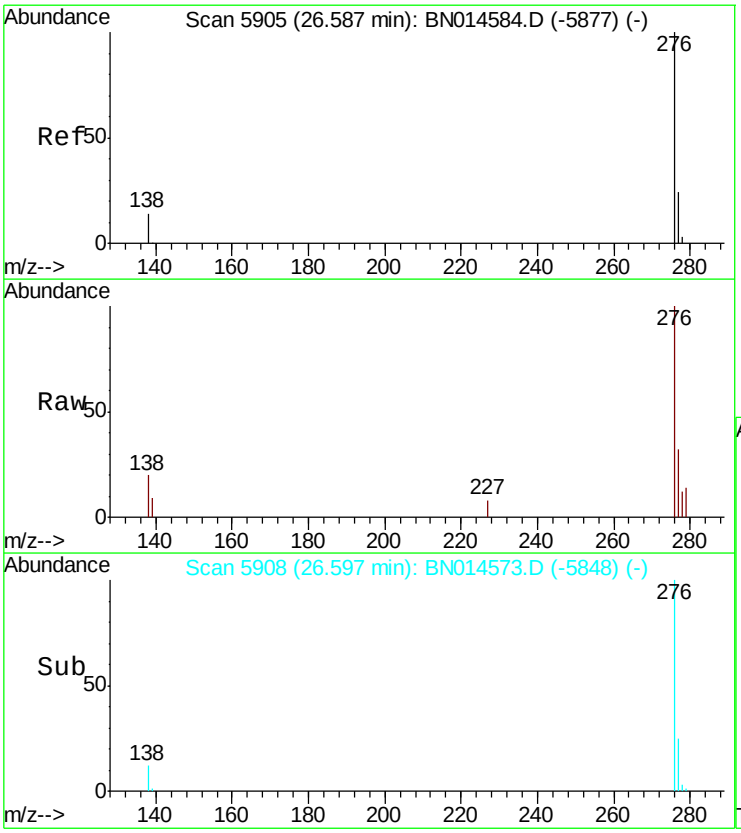
#28
Dibenzo(a,h)anthracene
Concen: 0.093 ng/ul
RT: 25.92 min Scan# 5705
Delta R.T. 0.00 min
Lab File: BN014573.D
Acq: 12 May 2021 11:08

Instrument :
BNA_N
ClientSampleId :
SSTD0.1001

Tgt Ion:278 Resp: 1668

Ion	Ratio	Lower	Upper
278	100		
139	20.4	10.4	15.6#
279	35.6	21.8	32.6#





#29
Benzo(g,h,i)perylene
Concen: 0.091 ng/ul
RT: 26.60 min Scan# 5908
Delta R.T. -0.00 min
Lab File: BN014573.D
Acq: 12 May 2021 11:08

Tgt Ion:276 Resp: 1732

Ion	Ratio	Lower	Upper
276	100		
138	20.1	12.6	18.8#
277	32.3	20.9	31.3#