Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012274.D
Acq On : 16 Oct 2020 19:27
Operator : CG/JU
Sample : L4201-17
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 16 23:49:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 23:42:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1832	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	7605	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4360	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8653	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	6589	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	6775	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	2080	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	4052	0.17	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	1733	0.079	ng/ul#	93
5) 2-Methylnaphthalene	12.06	142	2079	0.149	ng/ul	98
7) Acenaphthylene	13.98	152	5173	0.274	ng/ul#	94
8) Acenaphthene	14.32	153	9865	0.617	ng/ul	99
9) Fluorene	15.31	166	18415	1.035	ng/ul	100
12) Phenanthrene	17.05	178	252016	9.137	ng/ul	97
13) Anthracene	17.14	178	71463	3.020	ng/ul	97
15) Fluoranthene	19.07	202	321630	9.972	ng/ul	100
17) Pyrene	19.44	202	243856	8.209	ng/ul	100
18) Benzo(a)anthracene	21.20	228	140207	5.745	ng/ul	98
19) Chrysene	21.25	228	115302	3.878	ng/ul	97
21) Benzo(b)fluoranthene	22.75	252	193155	7.058	ng/ul	92
22) Benzo(k)fluoranthene	22.75	252	193155	6.377	ng/ul	94
23) Benzo(a)pyrene	23.31	252	97029	3.645	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.59	276	63022	1.843	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	18736	0.685	ng/ul#	78
26) Benzo(g,h,i)perylene	26.26	276	47833	1.526	ng/ul	94

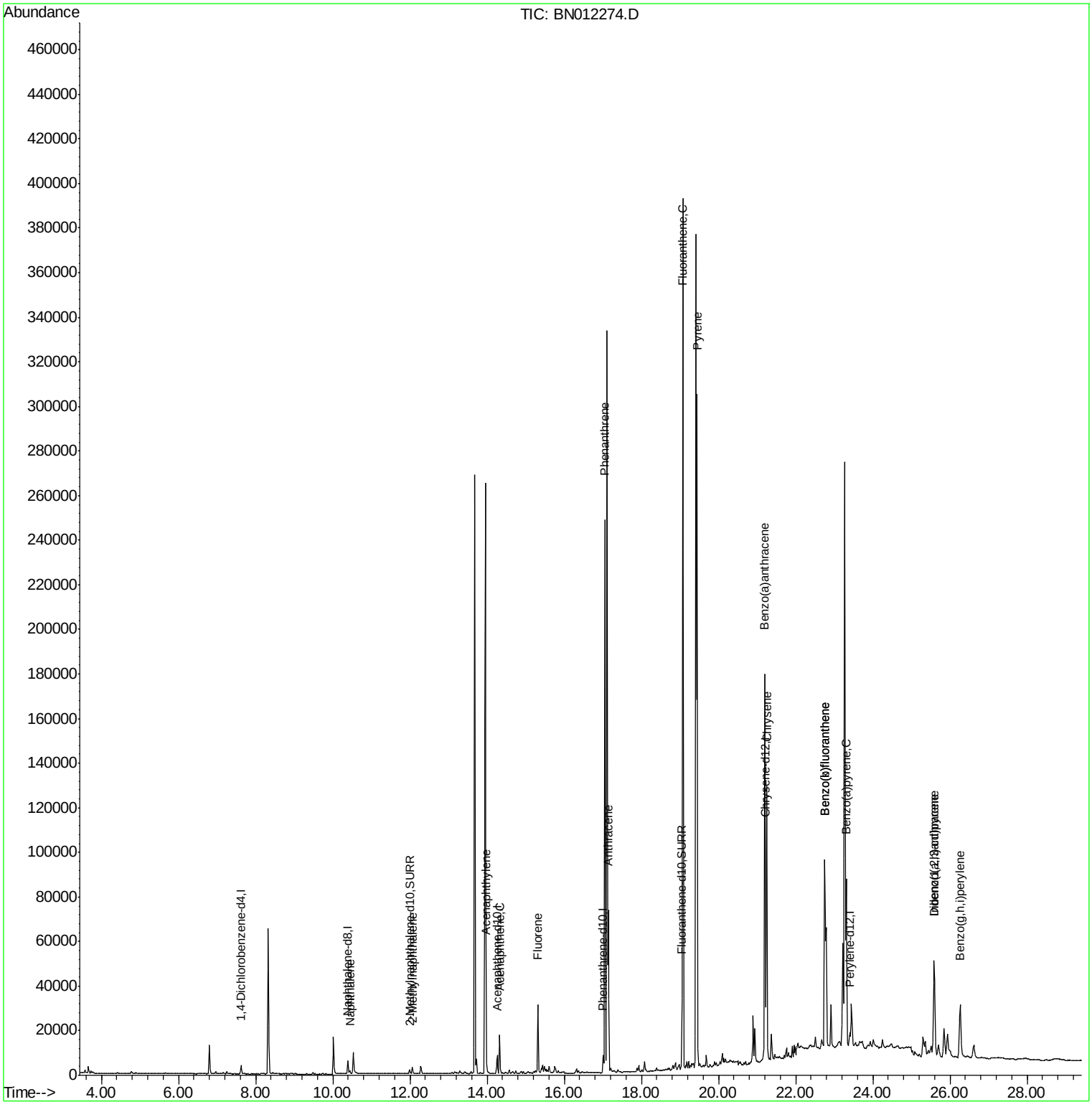
(#) = qualifier out of range (m) = manual integration (+) = signals summed

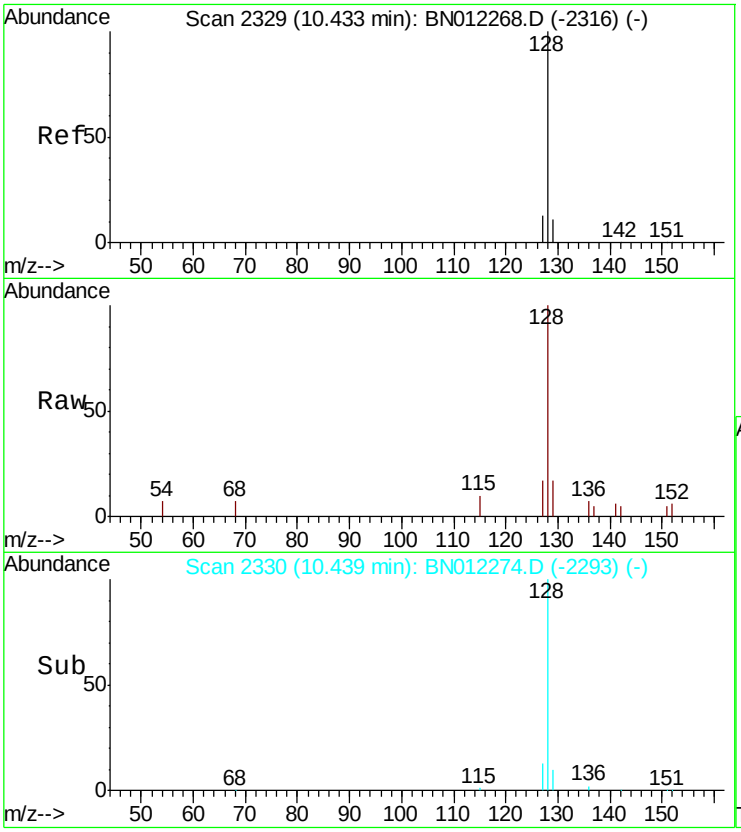
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012274.D
Acq On : 16 Oct 2020 19:27
Operator : CG/JU
Sample : L4201-17
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 16 23:49:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 23:42:05 2020
Response via : Initial Calibration



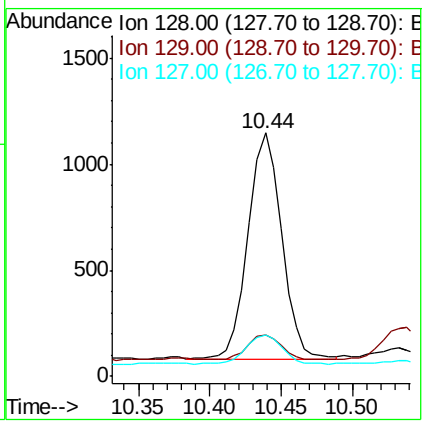


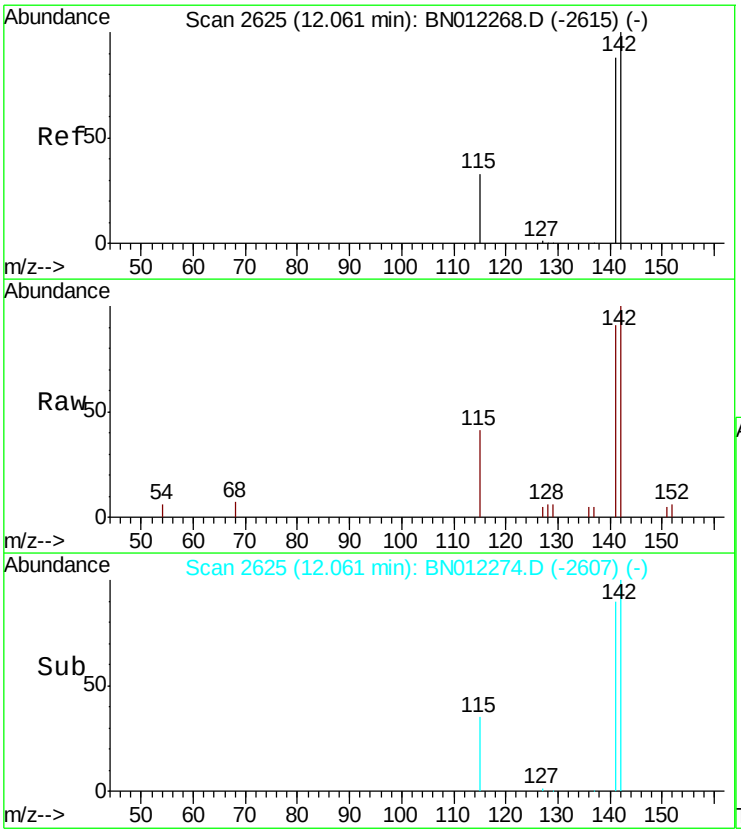
#3
Naphthalene
Concen: 0.079 ng/ul
RT: 10.44 min Scan# 2330
Delta R.T. 0.01 min
Lab File: BN012274.D
Acq: 16 Oct 2020 19:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 1733

Ion	Ratio	Lower	Upper
128	100		
129	17.0	10.3	15.5#
127	17.0	11.9	17.9

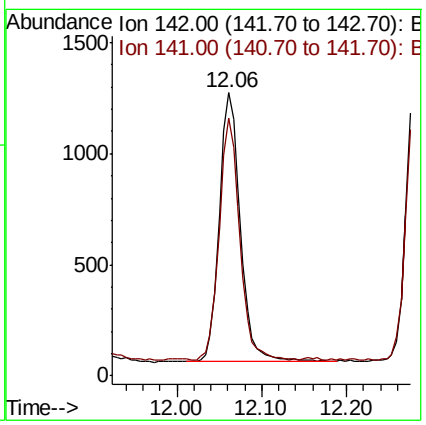


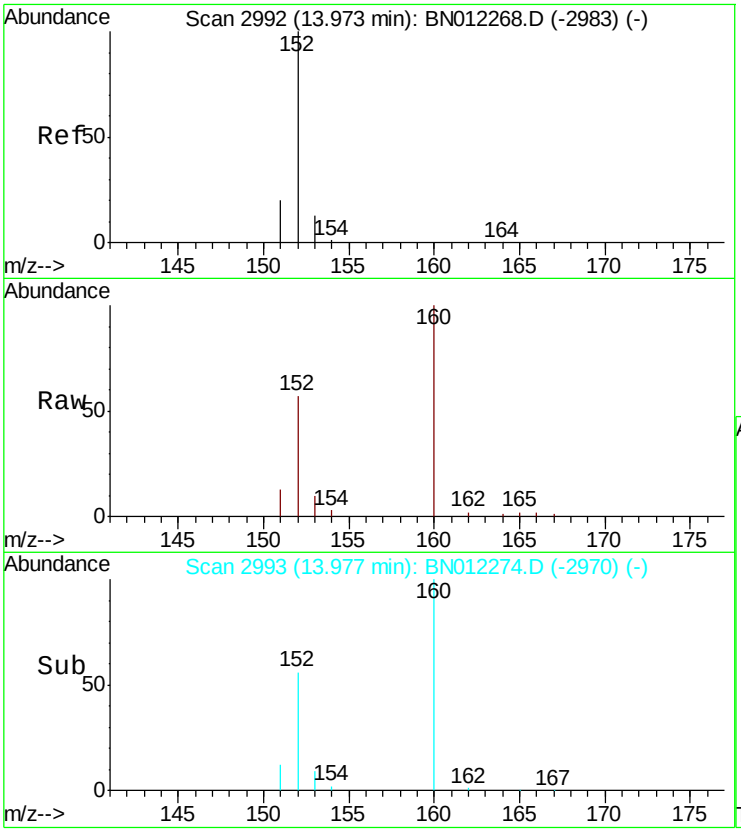


#5
2-Methylnaphthalene
Concen: 0.149 ng/ul
RT: 12.06 min Scan# 2625
Delta R.T. -0.00 min
Lab File: BN012274.D
Acq: 16 Oct 2020 19:27

Tgt Ion:142 Resp: 2079

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.7	107.5



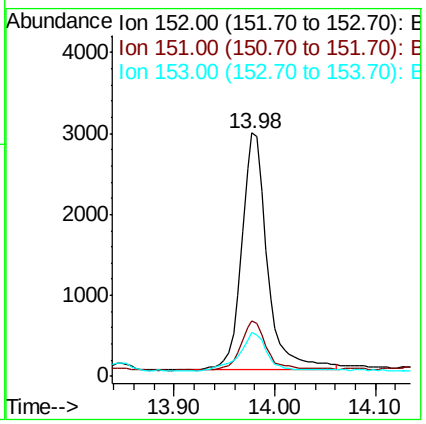


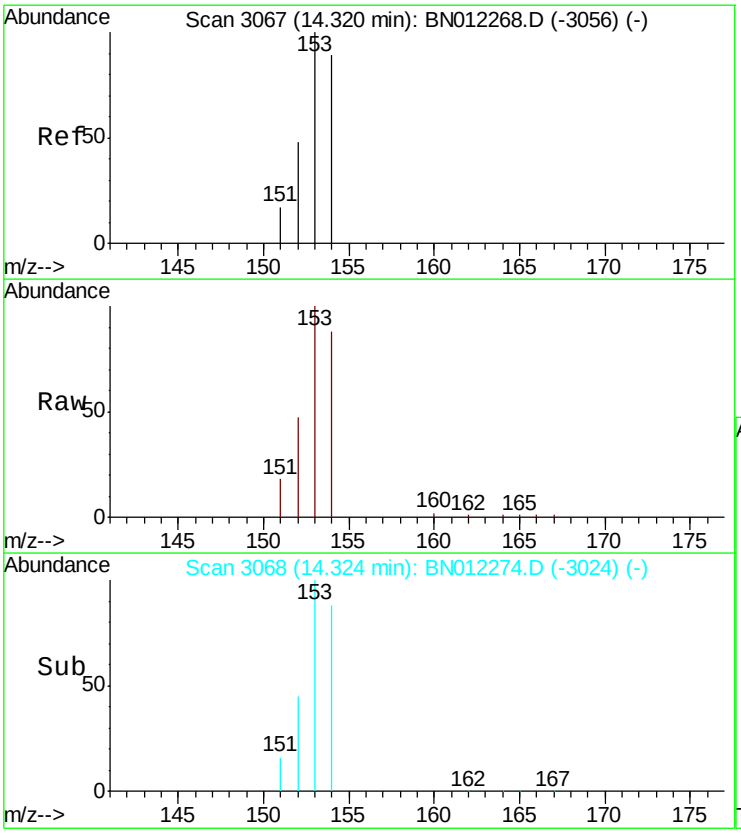
#7
Acenaphthylene
Concen: 0.274 ng/ul
RT: 13.98 min Scan# 2993
Delta R.T. 0.00 min
Lab File: BN012274.D
Acq: 16 Oct 2020 19:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5173

Ion	Ratio	Lower	Upper
152	100		
151	22.9	16.7	25.1
153	18.2	11.8	17.8#

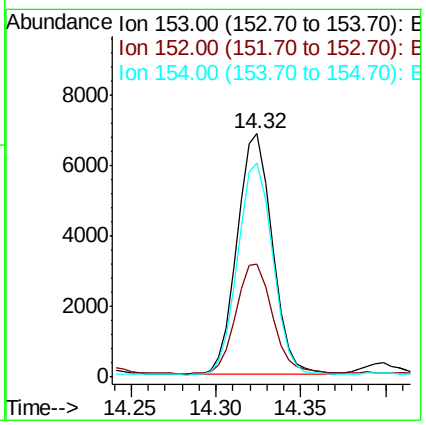


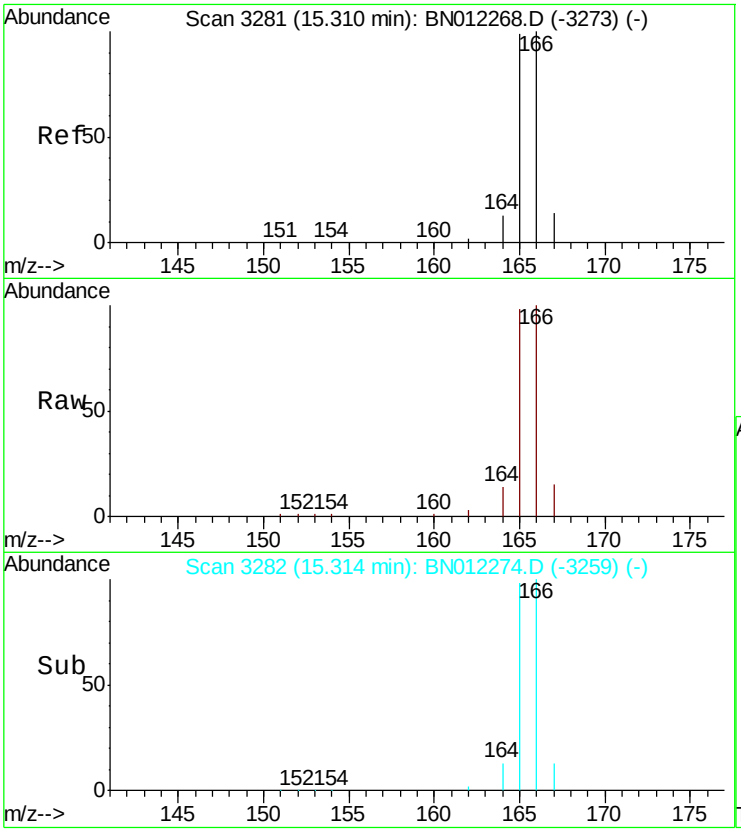


#8
Acenaphthene
Concen: 0.617 ng/ul
RT: 14.32 min Scan# 3068
Delta R.T. 0.00 min
Lab File: BN012274.D
Acq: 16 Oct 2020 19:27

Tgt Ion:153 Resp: 9865

Ion	Ratio	Lower	Upper
153	100		
152	46.5	38.2	57.2
154	88.2	71.1	106.7



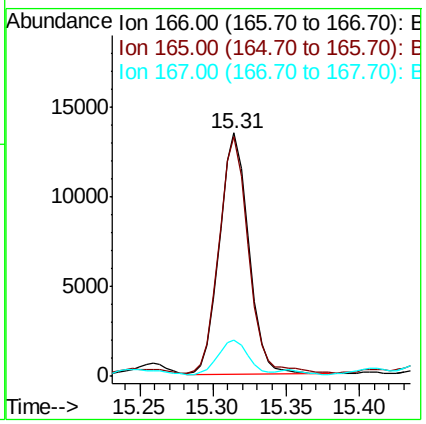


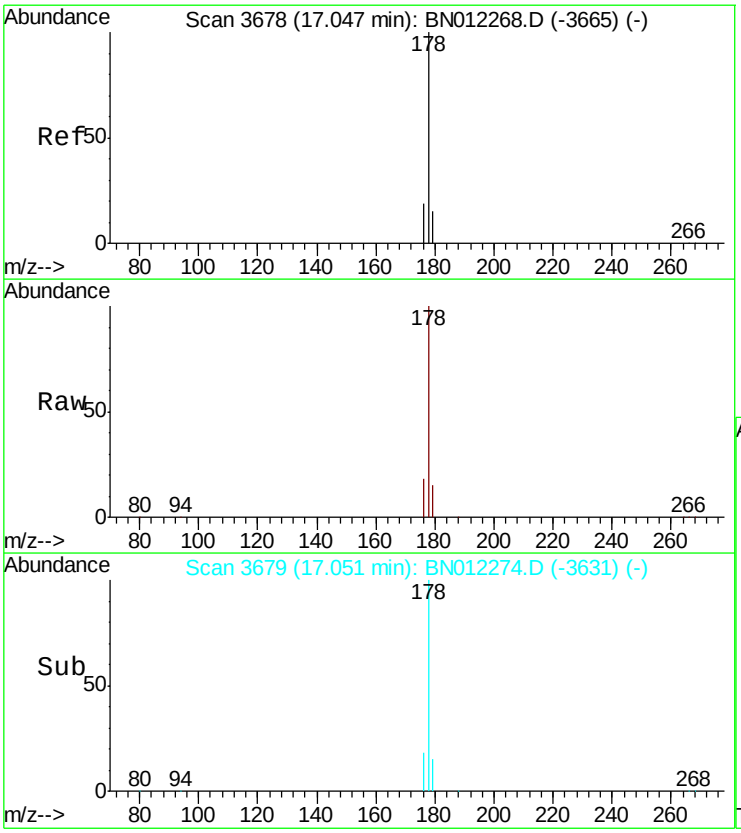
#9
Fluorene
Concen: 1.035 ng/ul
RT: 15.31 min Scan# 3282
Delta R.T. 0.00 min
Lab File: BN012274.D
Acq: 16 Oct 2020 19:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 18415

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.6	118.0
167	15.0	11.9	17.9

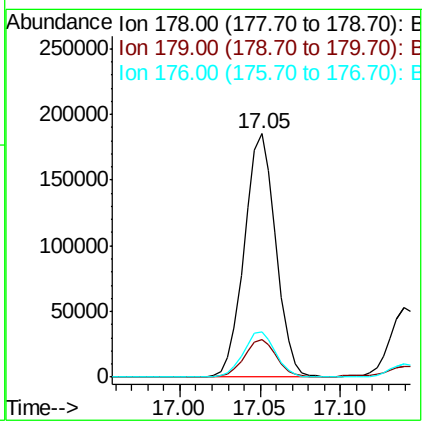


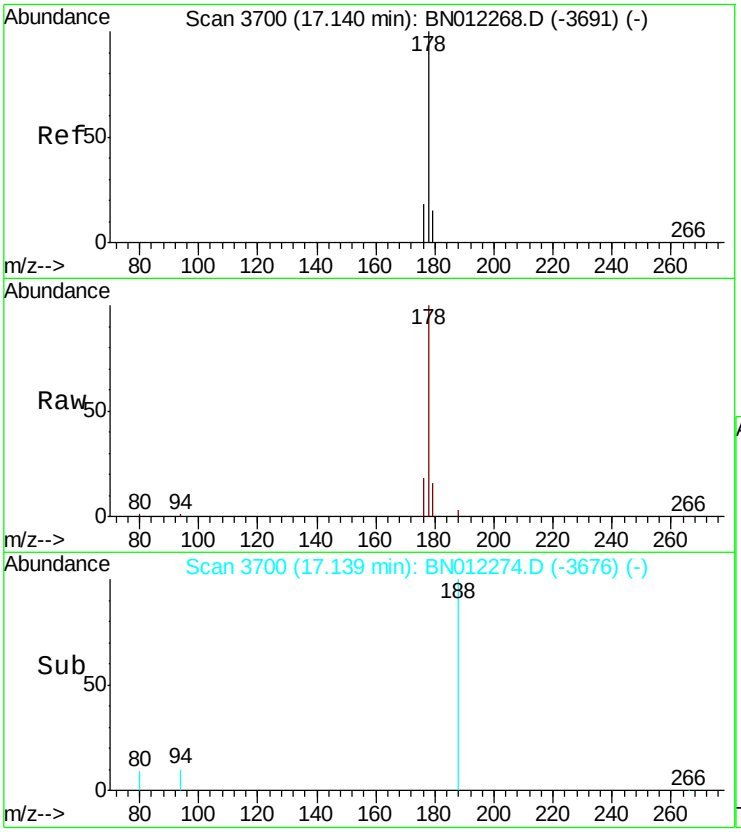


#12
Phenanthrene
Concen: 9.137 ng/ul
RT: 17.05 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BN012274.D
Acq: 16 Oct 2020 19:27

Tgt Ion:178 Resp: 252016

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.4	20.2
176	18.5	15.7	23.5



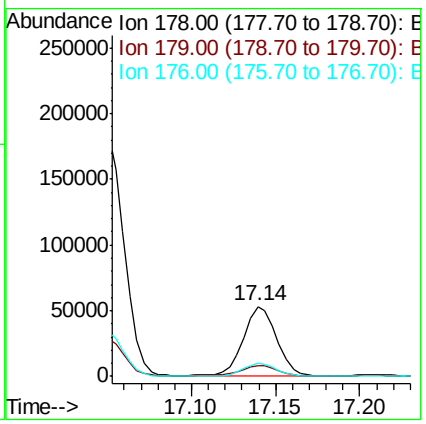


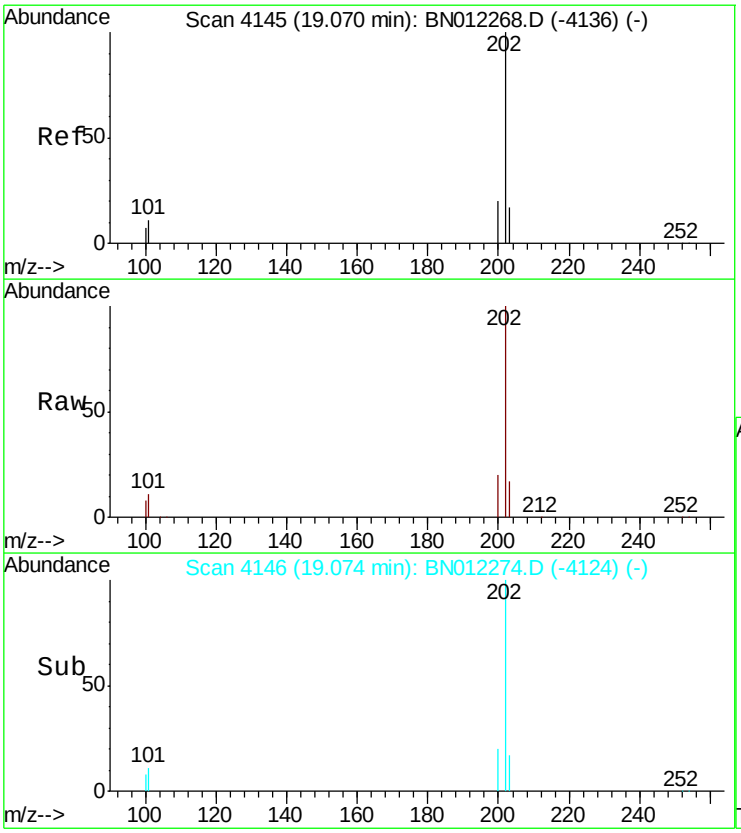
#13
Anthracene
Concen: 3.020 ng/ul
RT: 17.14 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BN012274.D
Acq: 16 Oct 2020 19:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 71463

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.9	20.9
176	18.4	15.4	23.0

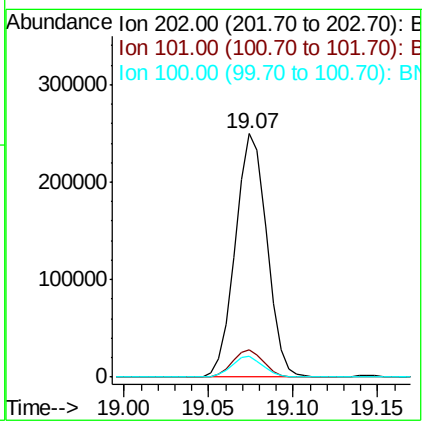


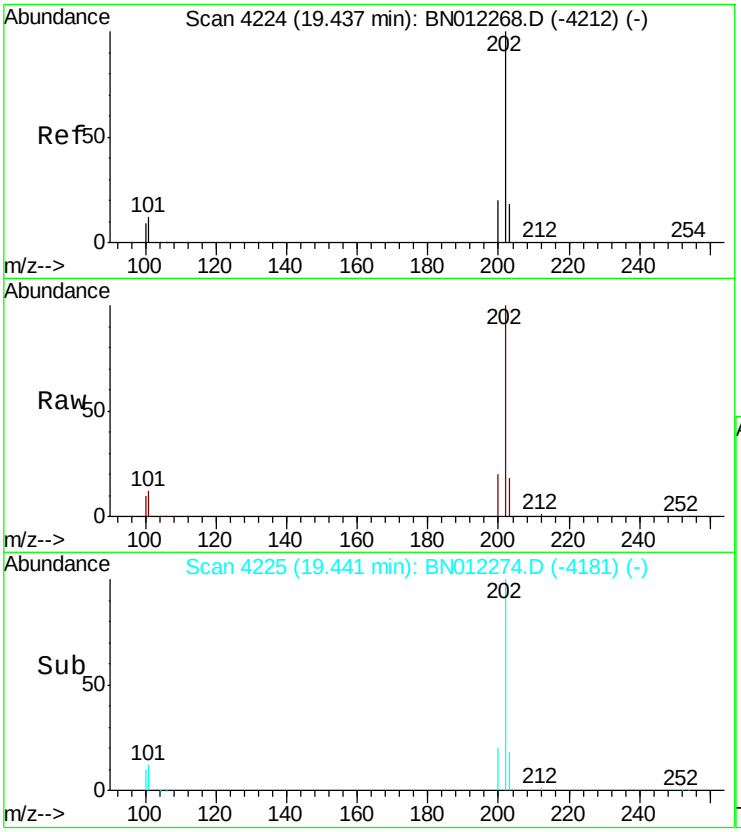


#15
Fluoranthene
Concen: 9.972 ng/ul
RT: 19.07 min Scan# 4146
Delta R.T. 0.00 min
Lab File: BN012274.D
Acq: 16 Oct 2020 19:27

Tgt Ion:202 Resp: 321630

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.0
100	8.3	0.0	28.7



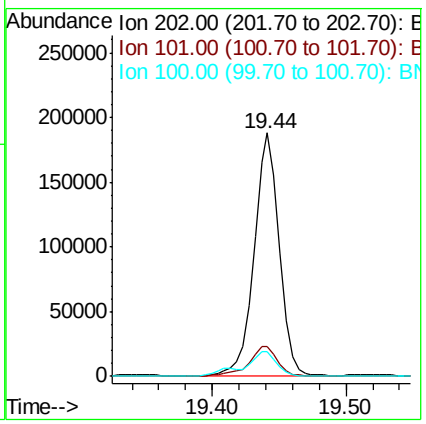


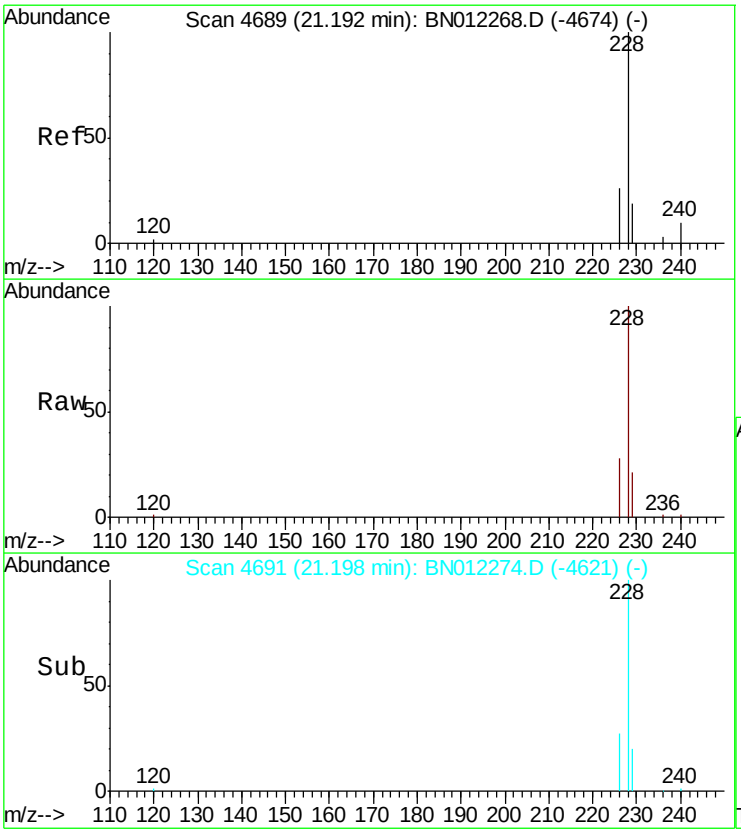
#17
Pyrene
Concen: 8.209 ng/ul
RT: 19.44 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BN012274.D
Acq: 16 Oct 2020 19:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 243856

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.9	14.9
100	10.0	8.0	12.0

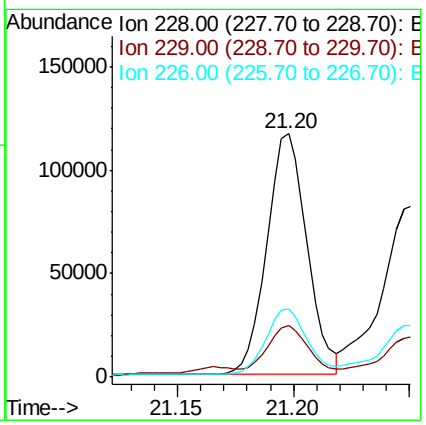


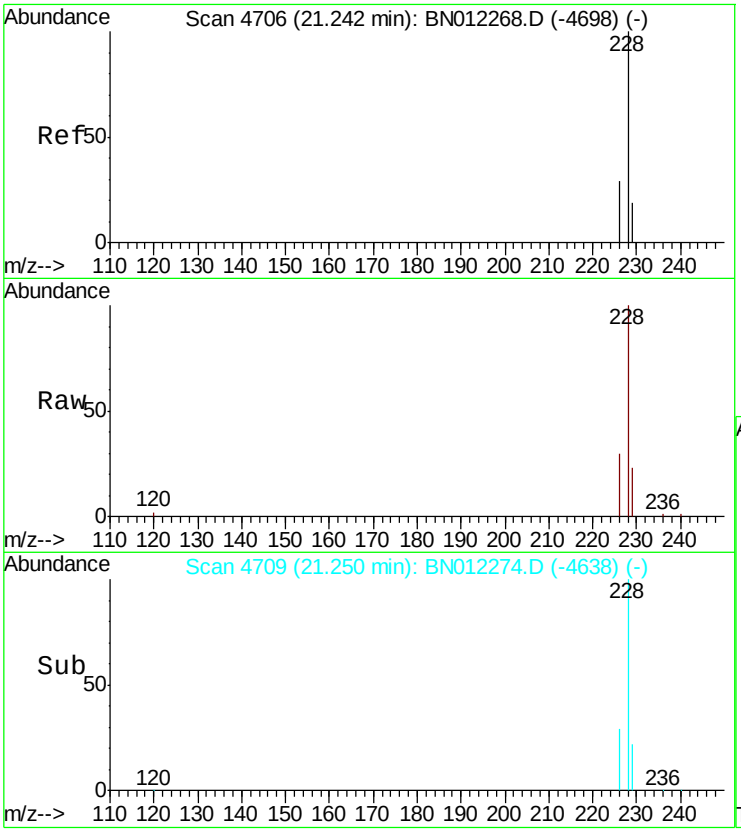


#18
Benzo(a)anthracene
Concen: 5.745 ng/ul
RT: 21.20 min Scan# 4691
Delta R.T. 0.01 min
Lab File: BN012274.D
Acq: 16 Oct 2020 19:27

Tgt Ion:228 Resp: 140207

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.8
226	27.8	22.6	33.8



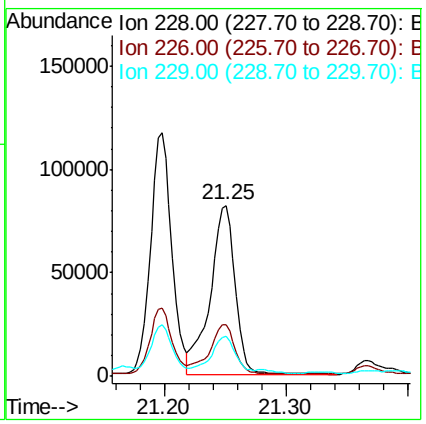


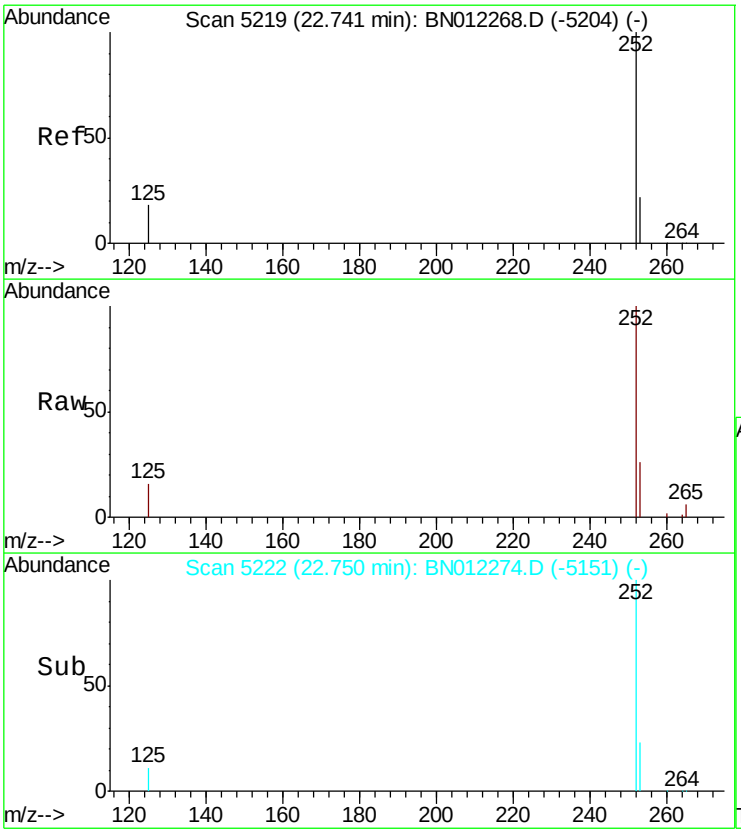
#19
Chrysene
Concen: 3.878 ng/ul
RT: 21.25 min Scan# 4709
Delta R.T. 0.01 min
Lab File: BN012274.D
Acq: 16 Oct 2020 19:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 115302

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.6	37.0
229	23.3	17.0	25.6

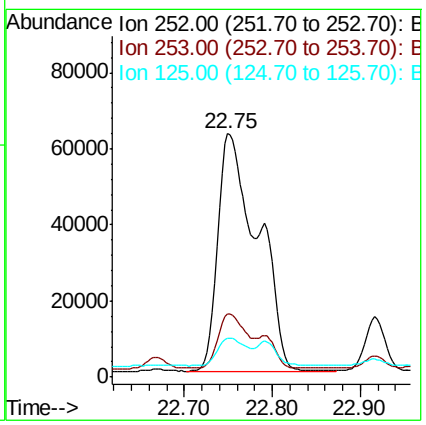


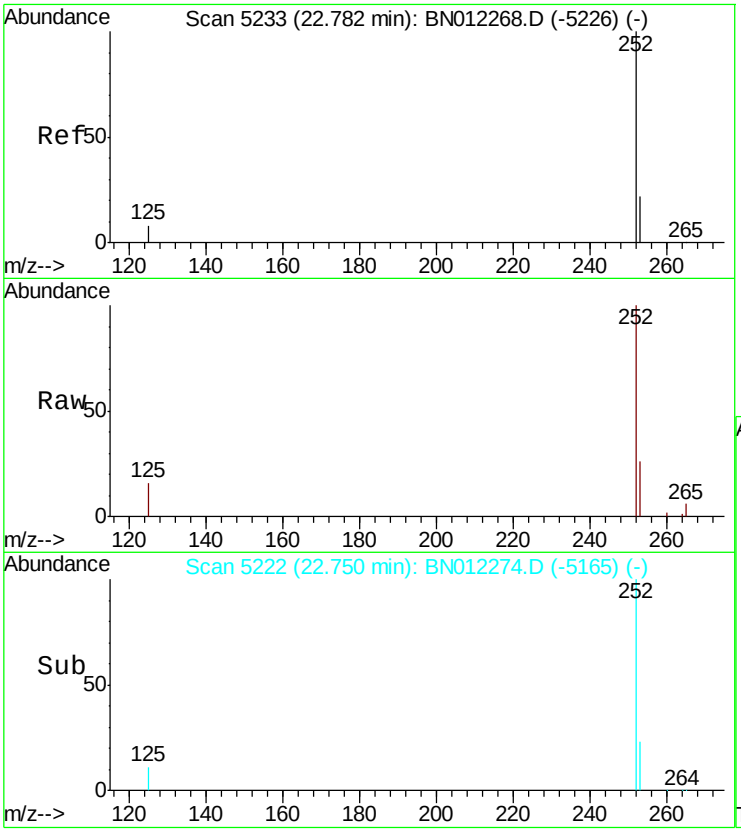


#21
Benzo(b)fluoranthene
Concen: 7.058 ng/ul
RT: 22.75 min Scan# 5222
Delta R.T. 0.01 min
Lab File: BN012274.D
Acq: 16 Oct 2020 19:27

Tgt Ion:252 Resp: 193155

Ion	Ratio	Lower	Upper
252	100		
253	25.9	0.0	61.6
125	16.0	0.0	36.8



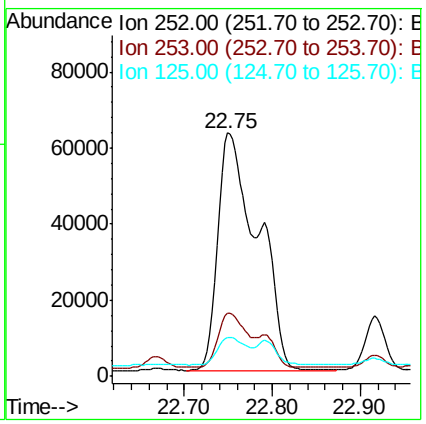


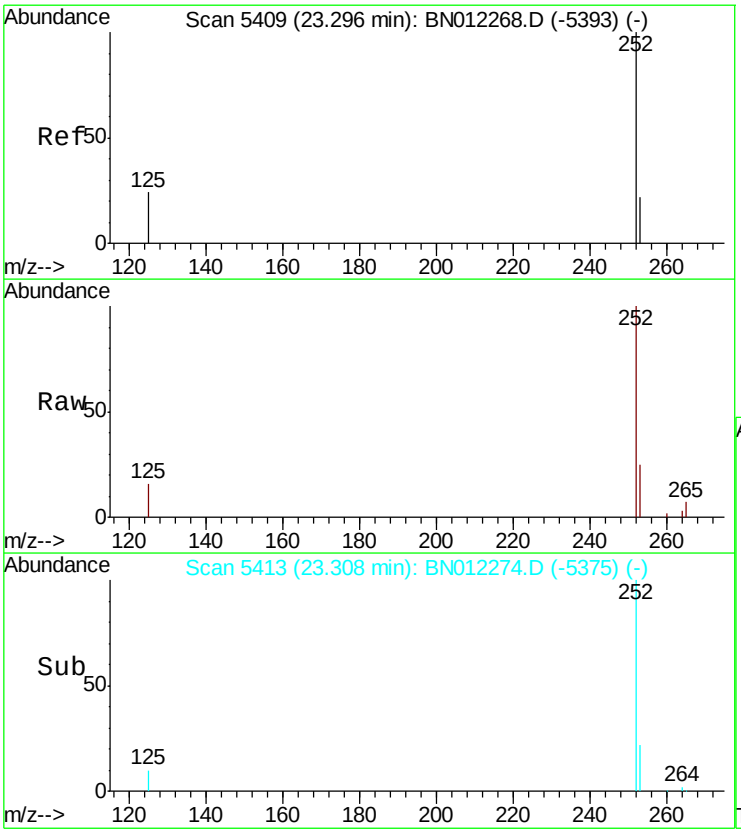
#22
Benzo(k)fluoranthene
Concen: 6.377 ng/ul
RT: 22.75 min Scan# 5222
Delta R.T. -0.03 min
Lab File: BN012274.D
Acq: 16 Oct 2020 19:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 193155

Ion	Ratio	Lower	Upper
252	100		
253	25.9	24.4	36.6
125	16.0	12.9	19.3

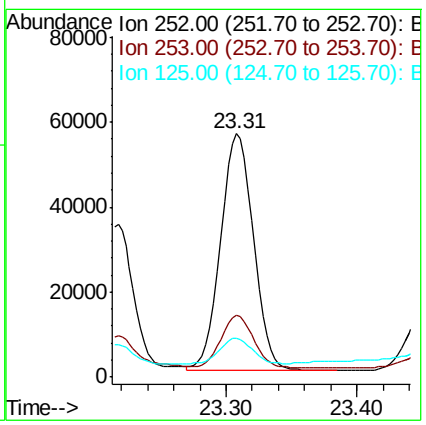


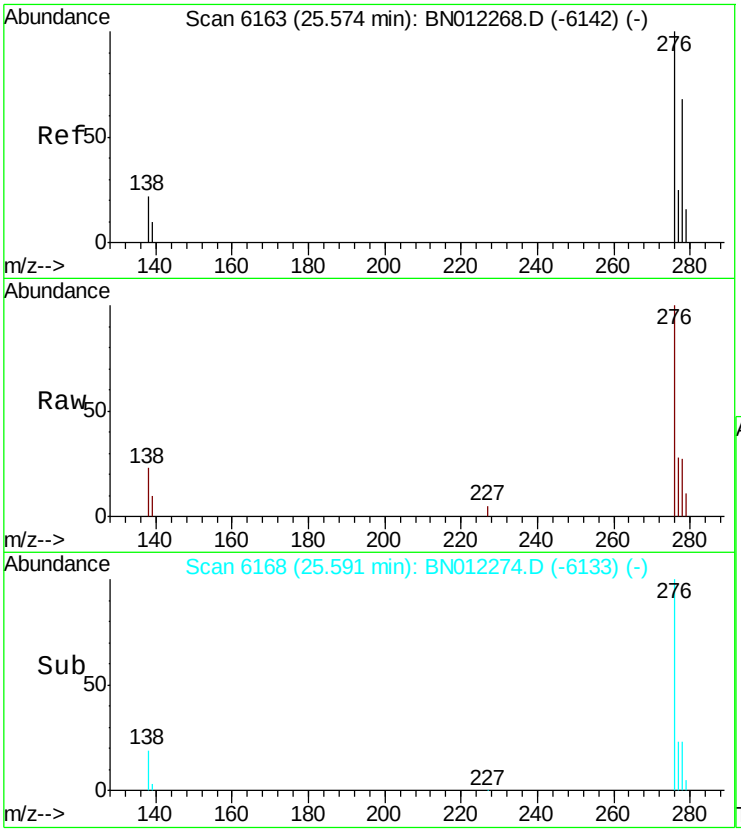


#23
Benzo(a)pyrene
Concen: 3.645 ng/ul
RT: 23.31 min Scan# 5413
Delta R.T. 0.01 min
Lab File: BN012274.D
Acq: 16 Oct 2020 19:27

Tgt Ion:252 Resp: 97029

Ion	Ratio	Lower	Upper
252	100		
253	25.2	27.0	40.4#
125	16.0	18.8	28.2#



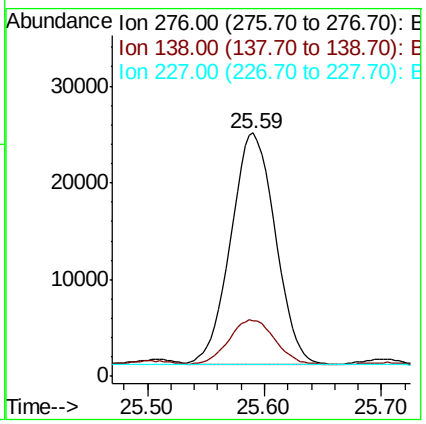


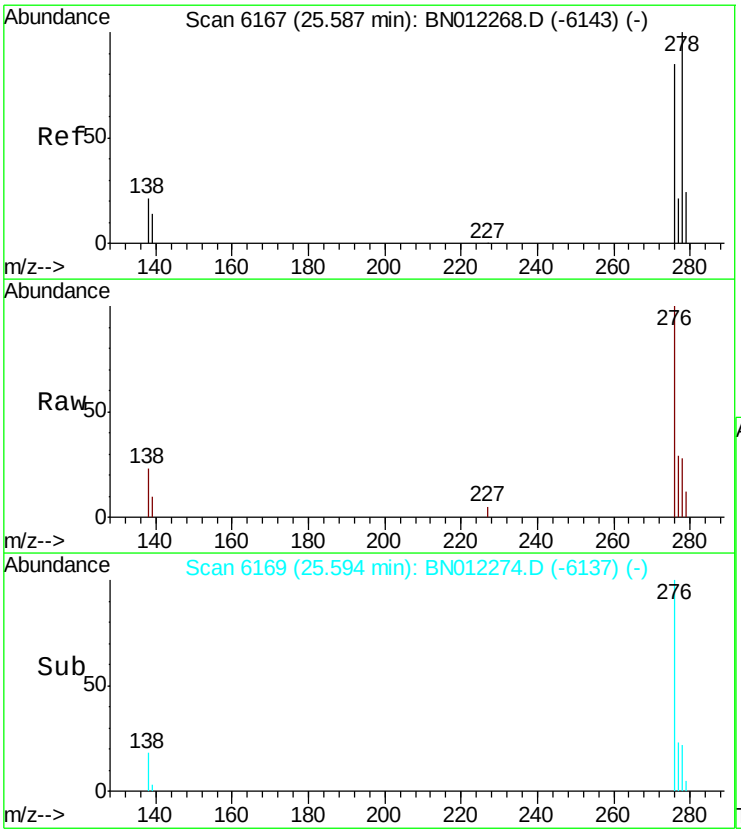
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.843 ng/ul
RT: 25.59 min Scan# 6168
Delta R.T. 0.02 min
Lab File: BN012274.D
Acq: 16 Oct 2020 19:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 63022

Ion	Ratio	Lower	Upper
276	100		
138	20.3	0.0	0.0#
227	0.3	0.0	0.0#

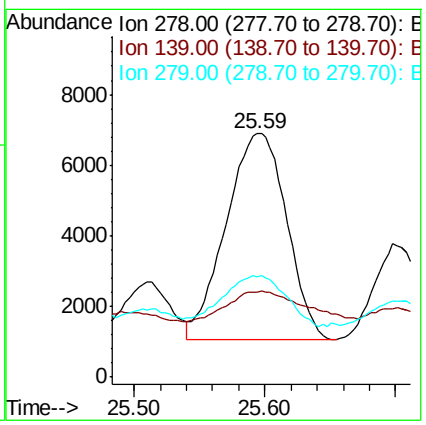


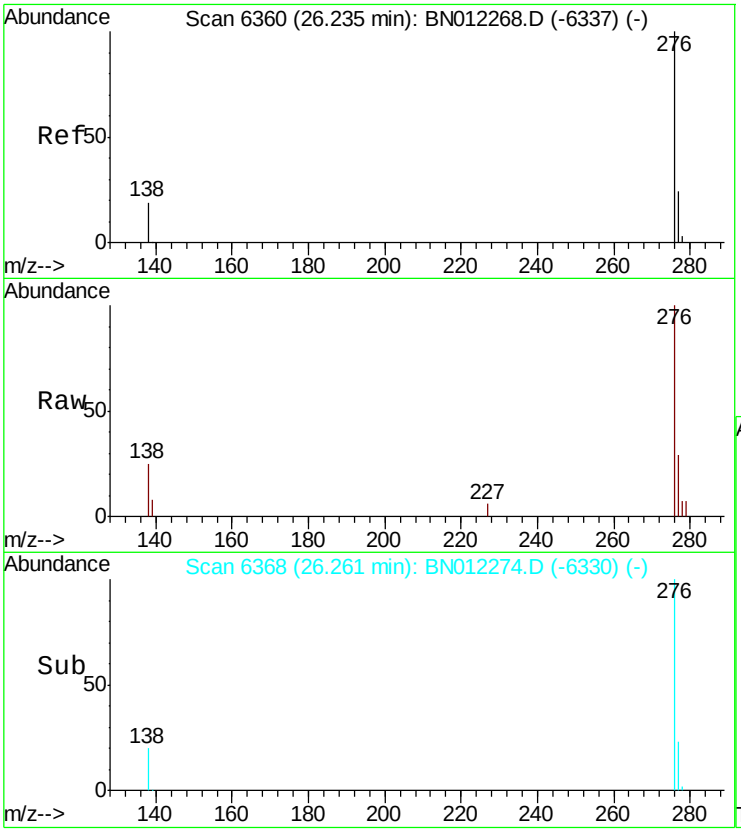


#25
Dibenzo(a,h)anthracene
Concen: 0.685 ng/ul
RT: 25.59 min Scan# 6169
Delta R.T. 0.01 min
Lab File: BN012274.D
Acq: 16 Oct 2020 19:27

Tgt Ion:278 Resp: 18736

Ion	Ratio	Lower	Upper
278	100		
139	35.1	15.7	23.5#
279	41.0	26.0	39.0#





#26
Benzo(g,h,i)perylene
Concen: 1.526 ng/ul
RT: 26.26 min Scan# 6368
Delta R.T. 0.03 min
Lab File: BN012274.D
Acq: 16 Oct 2020 19:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 47833

Ion	Ratio	Lower	Upper
276	100		
138	24.8	17.1	25.7
277	28.8	21.1	31.7