Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012241.D
Acq On : 15 Oct 2020 21:01
Operator : CG/JU
Sample : L4235-06
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 16 01:27:42 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 01:19:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1760	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	7563	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4735	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	9891	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	7960	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	9720	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	1918	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	4923	0.18	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	10280	0.471	ng/ul	98
5) 2-Methylnaphthalene	12.06	142	15722	1.134	ng/ul	99
7) Acenaphthylene	13.98	152	13187	0.642	ng/ul#	92
8) Acenaphthene	14.32	153	96423	5.553	ng/ul	99
9) Fluorene	15.31	166	147791	7.647	ng/ul	99
11) Pentachlorophenol	16.66	266	70	0.024	ng/ul#	86
12) Phenanthrene	17.05	178	2096955	66.507	ng/ul	98
13) Anthracene	17.14	178	617139	22.819	ng/ul	97
15) Fluoranthene	19.08	202	2757699	74.800	ng/ul	99
17) Pyrene	19.45	202	2286305	63.706	ng/ul	98
18) Benzo(a)anthracene	21.20	228	1186277	40.234	ng/ul	99
19) Chrysene	21.25	228	1002862	27.918	ng/ul	99
21) Benzo(b)fluoranthene	22.75	252	1640382	41.782	ng/ul	84
22) Benzo(k)fluoranthene	22.75	252	1640382	37.747	ng/ul#	86
23) Benzo(a)pyrene	23.31	252	884220	23.151	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.58	276	561673	11.447	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.69	278	52856	1.347	ng/ul	95
26) Benzo(g,h,i)perylene	26.25	276	469492	10.440	ng/ul	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012241.D
Acq On : 15 Oct 2020 21:01
Operator : CG/JU
Sample : L4235-06
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 16 01:27:42 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 01:19:50 2020
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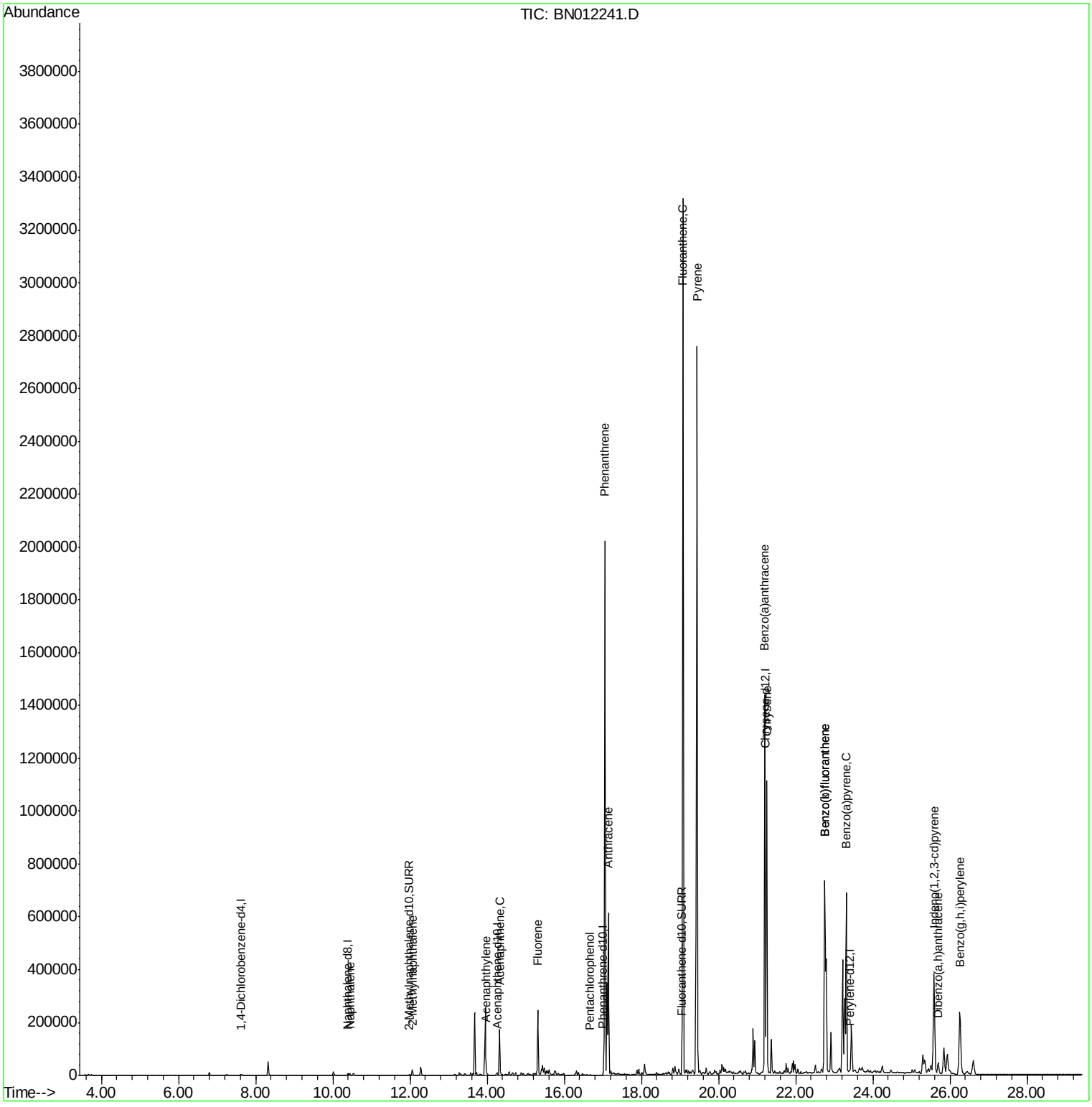
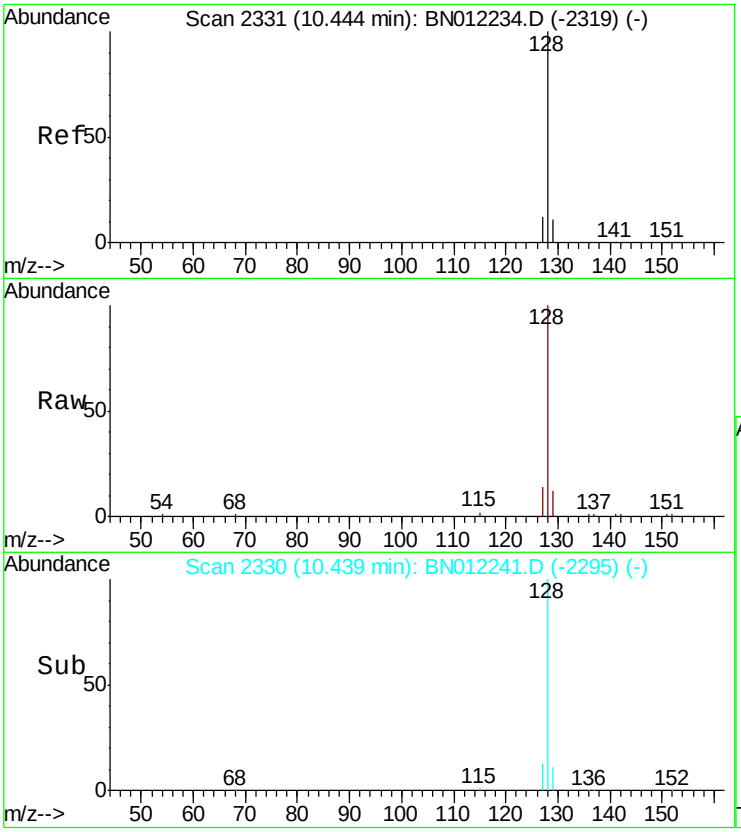


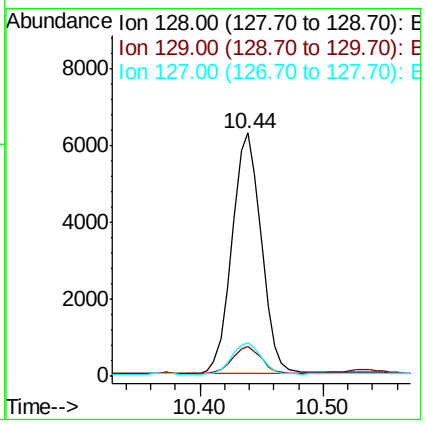


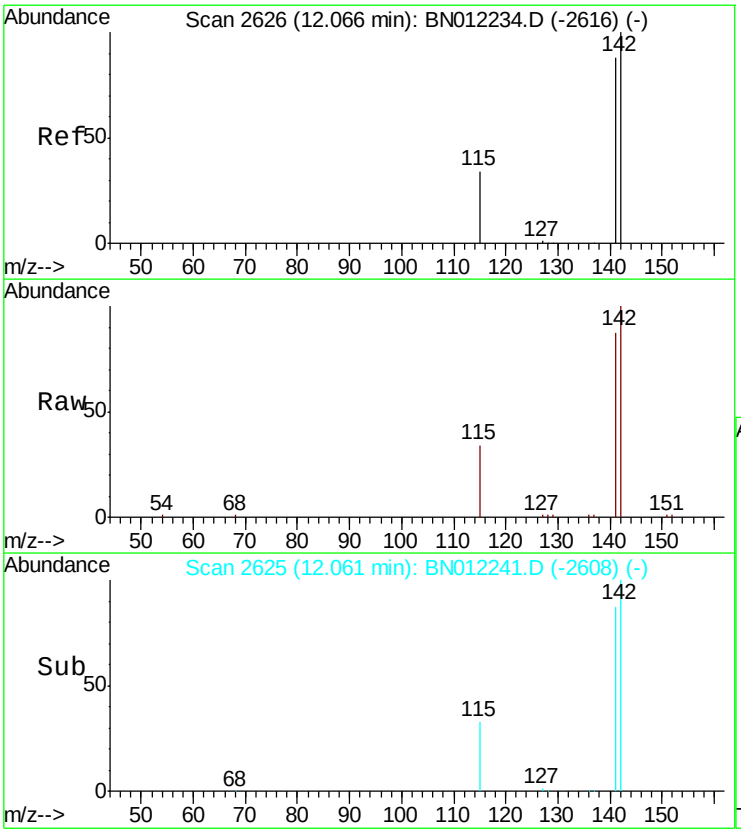
#3
Naphthalene
Concen: 0.471 ng/ul
RT: 10.44 min Scan# 2330
Delta R.T. -0.01 min
Lab File: BN012241.D
Acq: 15 Oct 2020 21:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 10280

Ion	Ratio	Lower	Upper
128	100		
129	12.3	10.3	15.5
127	14.0	11.9	17.9

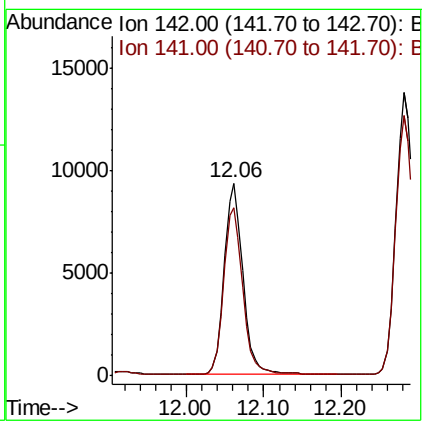


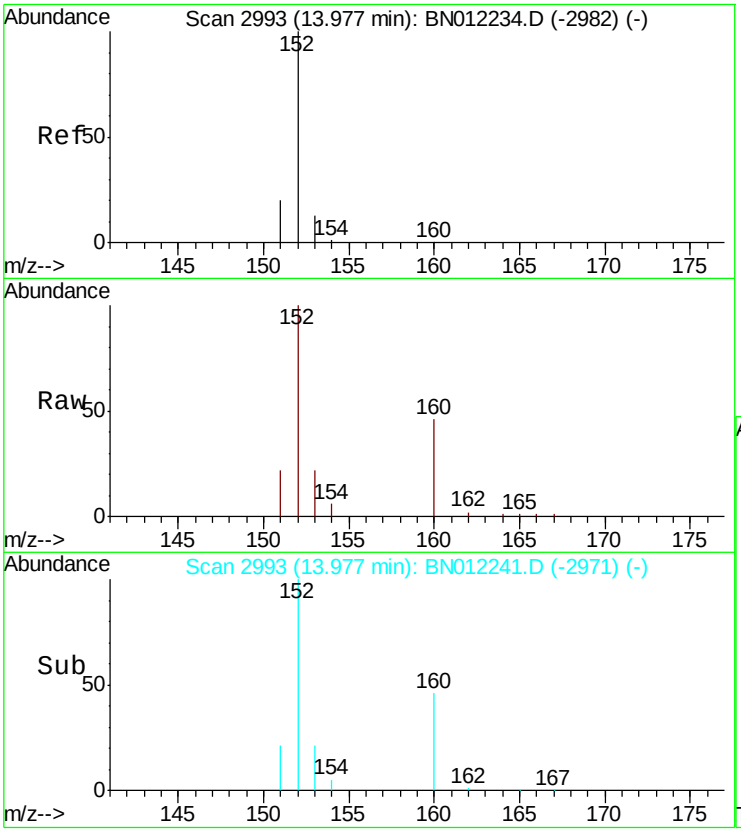


#5
2-Methylnaphthalene
Concen: 1.134 ng/ul
RT: 12.06 min Scan# 2625
Delta R.T. -0.01 min
Lab File: BN012241.D
Acq: 15 Oct 2020 21:01

Tgt Ion:142 Resp: 15722

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.7	107.5



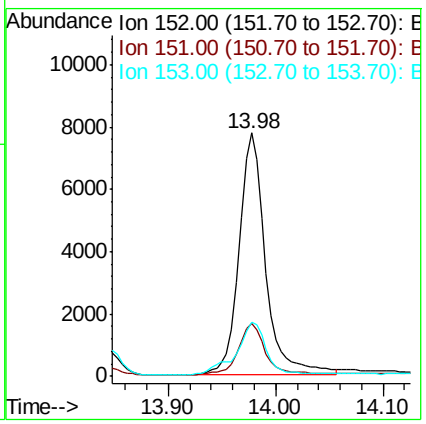


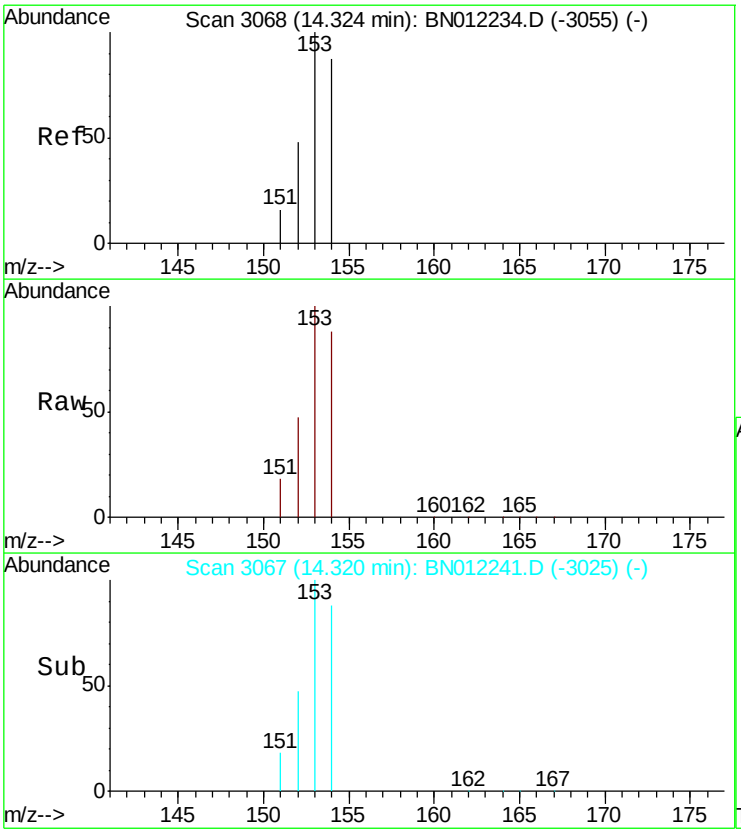
#7
Acenaphthylene
Concen: 0.642 ng/ul
RT: 13.98 min Scan# 2993
Delta R.T. 0.00 min
Lab File: BN012241.D
Acq: 15 Oct 2020 21:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 13187

Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.7	25.1
153	22.3	11.8	17.8#

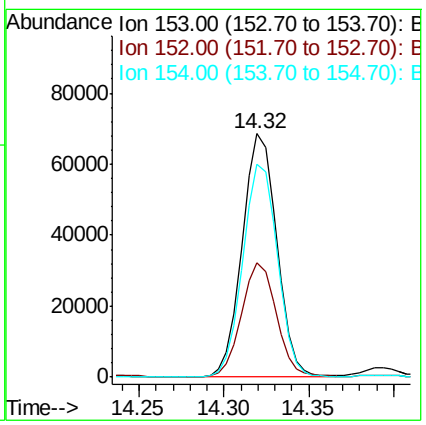


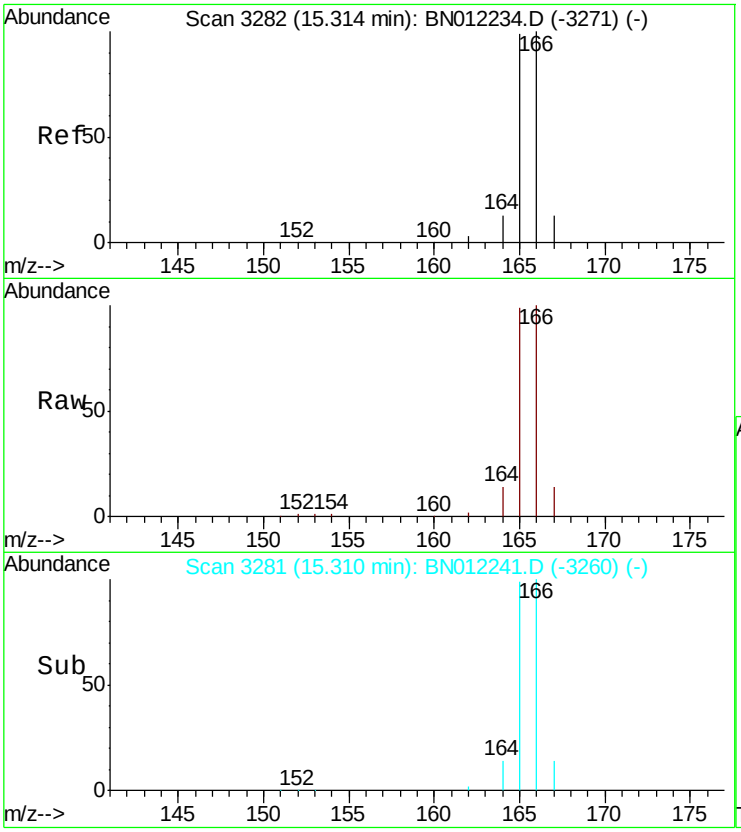


#8
Acenaphthene
Concen: 5.553 ng/ul
RT: 14.32 min Scan# 3067
Delta R.T. -0.00 min
Lab File: BN012241.D
Acq: 15 Oct 2020 21:01

Tgt Ion:153 Resp: 96423

Ion	Ratio	Lower	Upper
153	100		
152	47.2	38.2	57.2
154	87.5	71.1	106.7



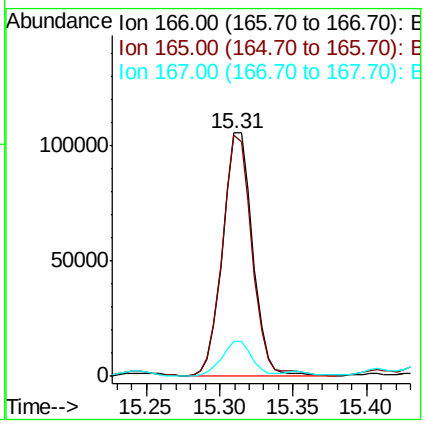


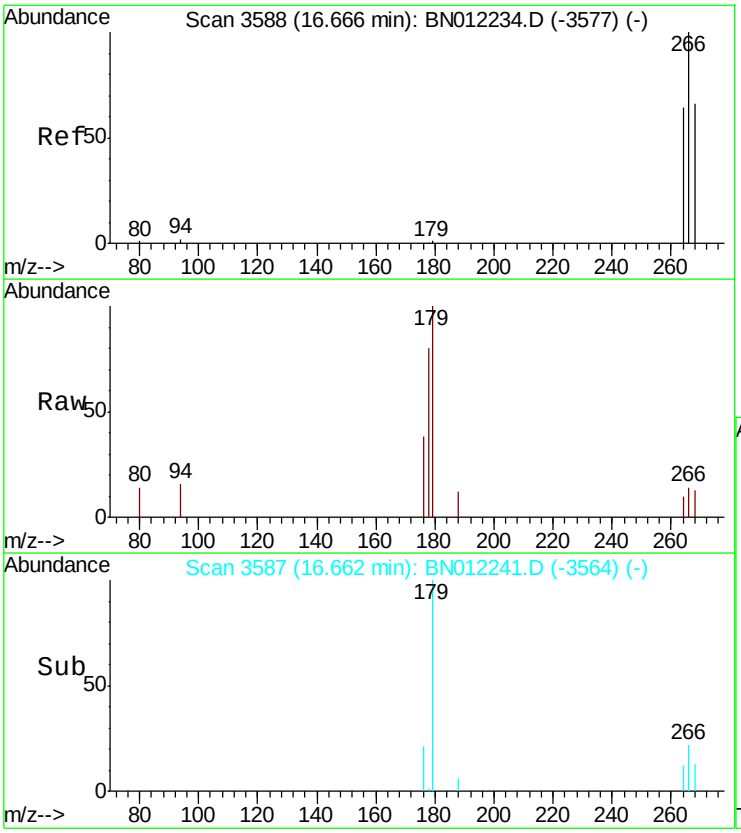
#9
Fluorene
Concen: 7.647 ng/ul
RT: 15.31 min Scan# 3281
Delta R.T. -0.00 min
Lab File: BN012241.D
Acq: 15 Oct 2020 21:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 147791

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.6	118.0
167	14.4	11.9	17.9

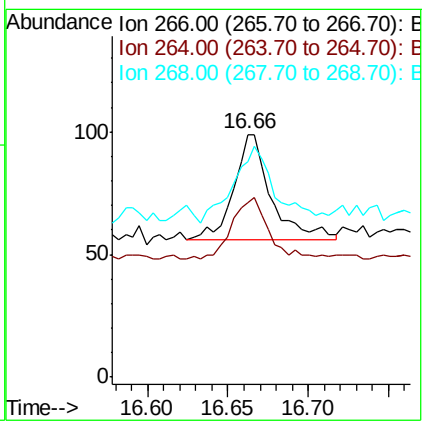


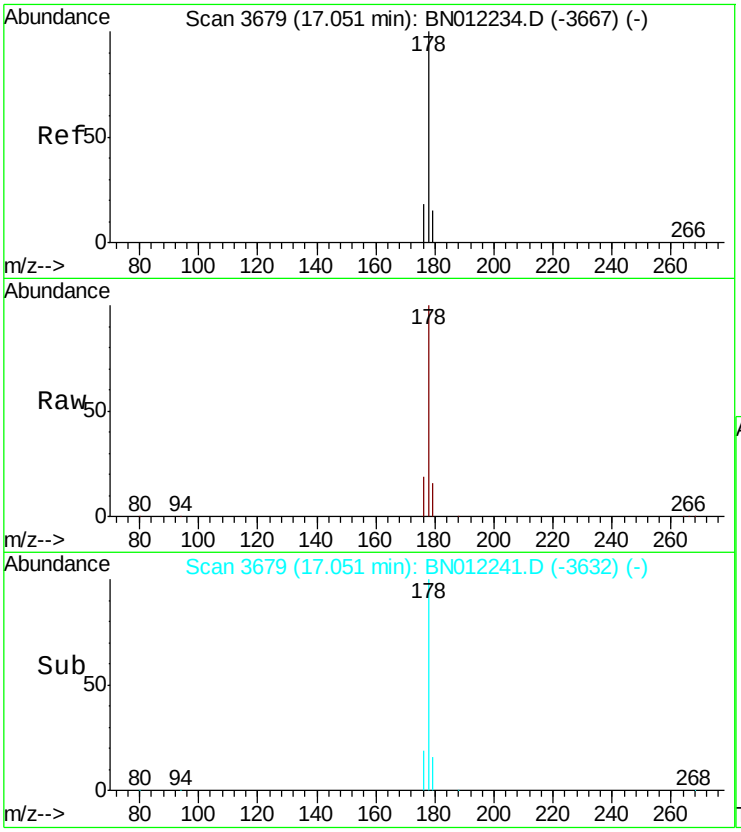


#11
Pentachlorophenol
Concen: 0.024 ng/ul
RT: 16.66 min Scan# 3587
Delta R.T. -0.00 min
Lab File: BN012241.D
Acq: 15 Oct 2020 21:01

Tgt Ion:266 Resp: 70

Ion	Ratio	Lower	Upper
266	100		
264	57.1	50.3	75.5
268	81.4	52.4	78.6#



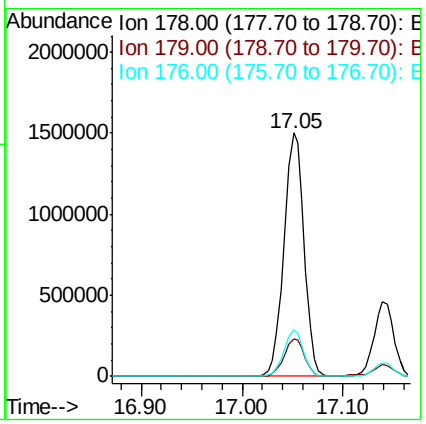


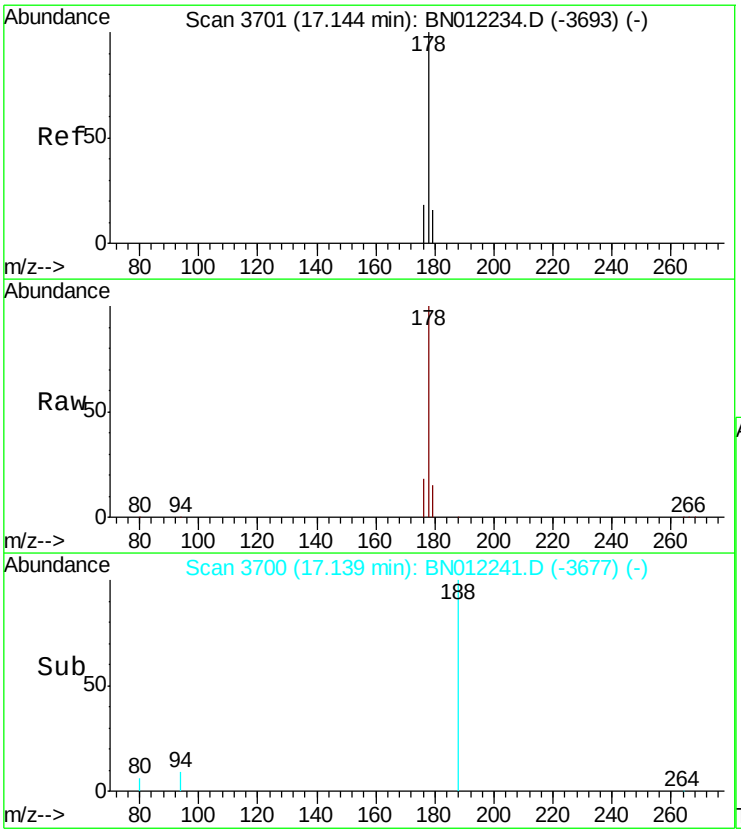
#12
Phenanthrene
Concen: 66.507 ng/ul
RT: 17.05 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BN012241.D
Acq: 15 Oct 2020 21:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 2096955

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.4	20.2
176	18.9	15.7	23.5

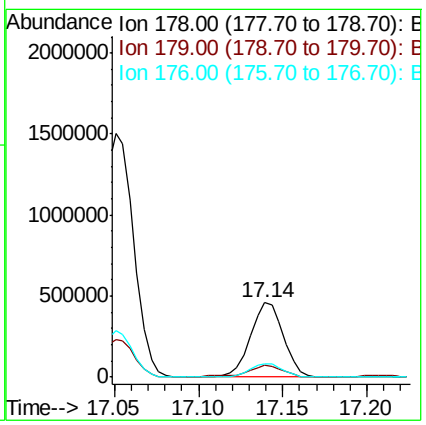


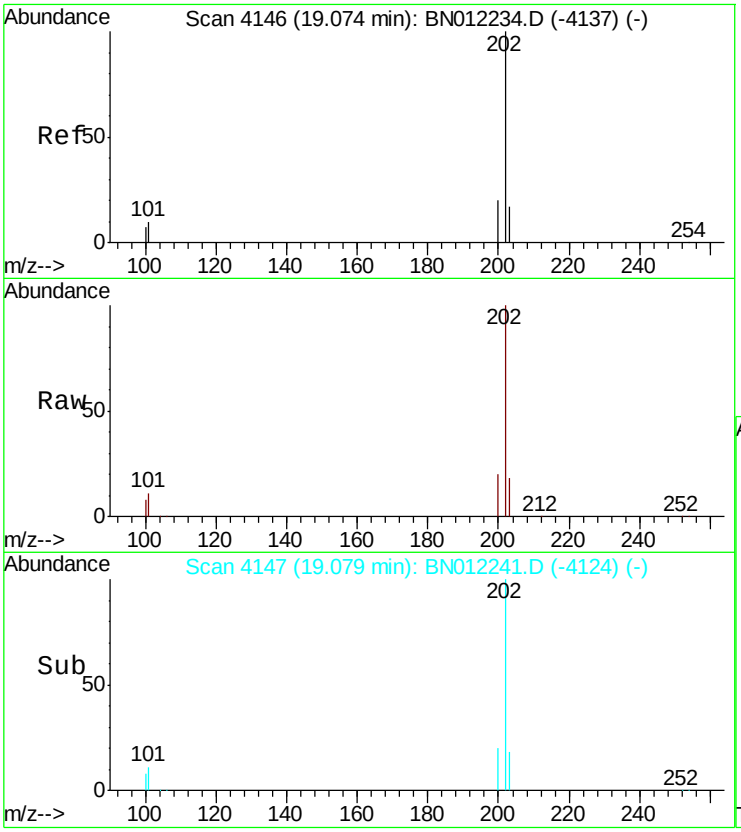


#13
Anthracene
Concen: 22.819 ng/ul
RT: 17.14 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BN012241.D
Acq: 15 Oct 2020 21:01

Tgt Ion:178 Resp: 617139

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.9	20.9
176	18.1	15.4	23.0



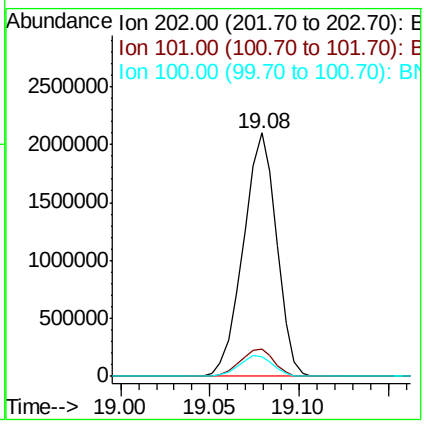


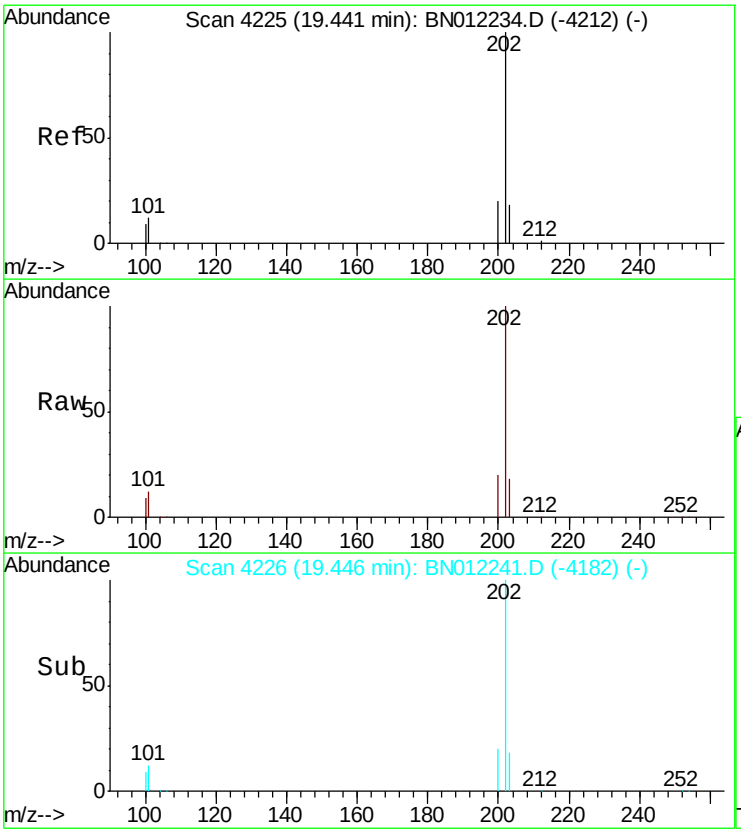
#15
Fluoranthene
Concen: 74.800 ng/ul
RT: 19.08 min Scan# 4147
Delta R.T. 0.00 min
Lab File: BN012241.D
Acq: 15 Oct 2020 21:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 2757699

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.0
100	8.3	0.0	28.7

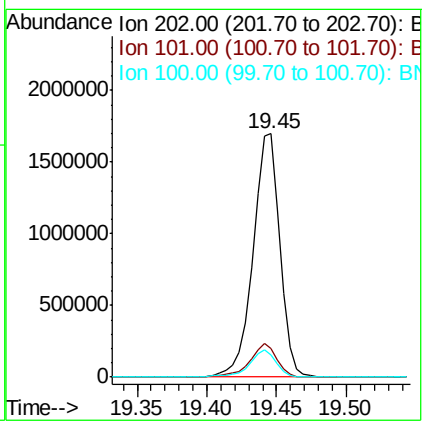


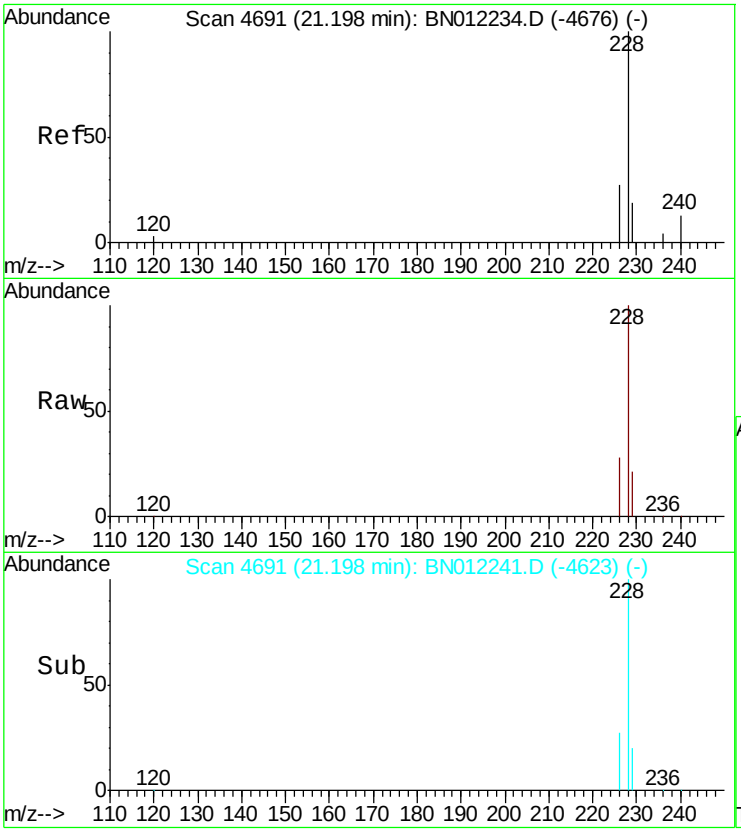


#17
Pyrene
Concen: 63.706 ng/ul
RT: 19.45 min Scan# 4226
Delta R.T. 0.00 min
Lab File: BN012241.D
Acq: 15 Oct 2020 21:01

Tgt Ion:202 Resp: 2286305

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.9	14.9
100	9.3	8.0	12.0



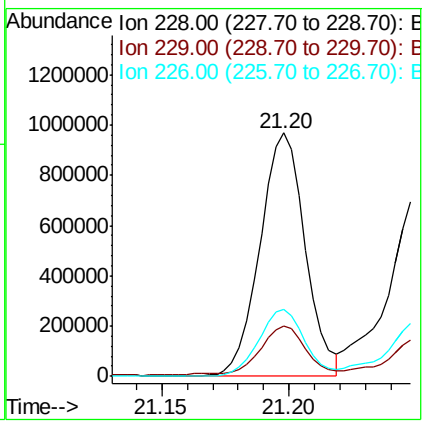


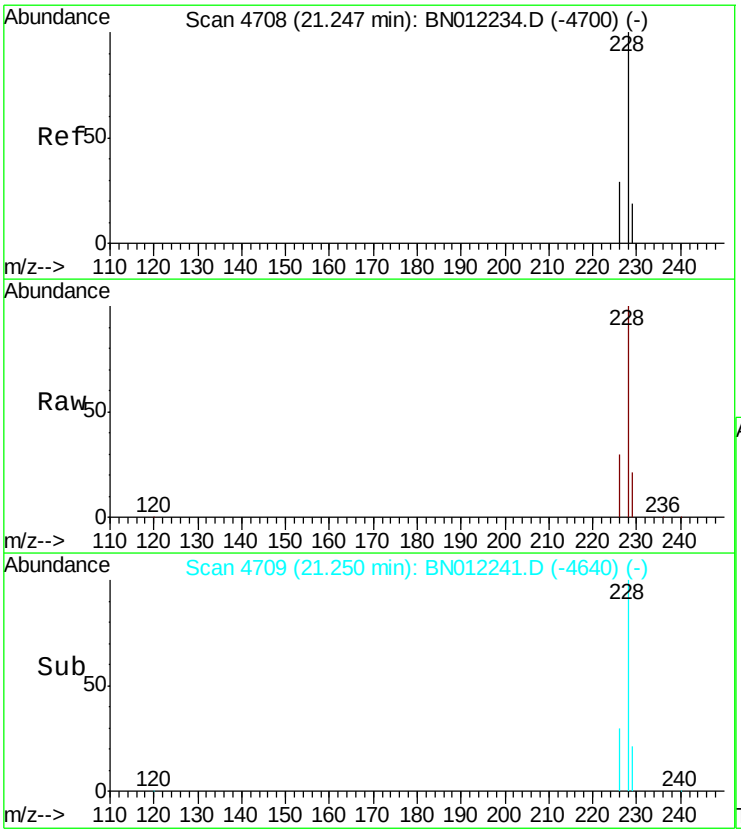
#18
Benzo(a)anthracene
Concen: 40.234 ng/ul
RT: 21.20 min Scan# 4691
Delta R.T. 0.00 min
Lab File: BN012241.D
Acq: 15 Oct 2020 21:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 1186277

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.8
226	27.6	22.6	33.8

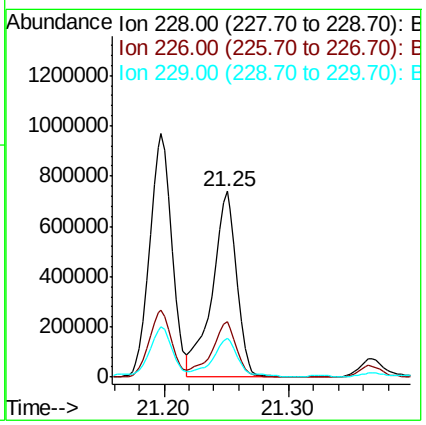


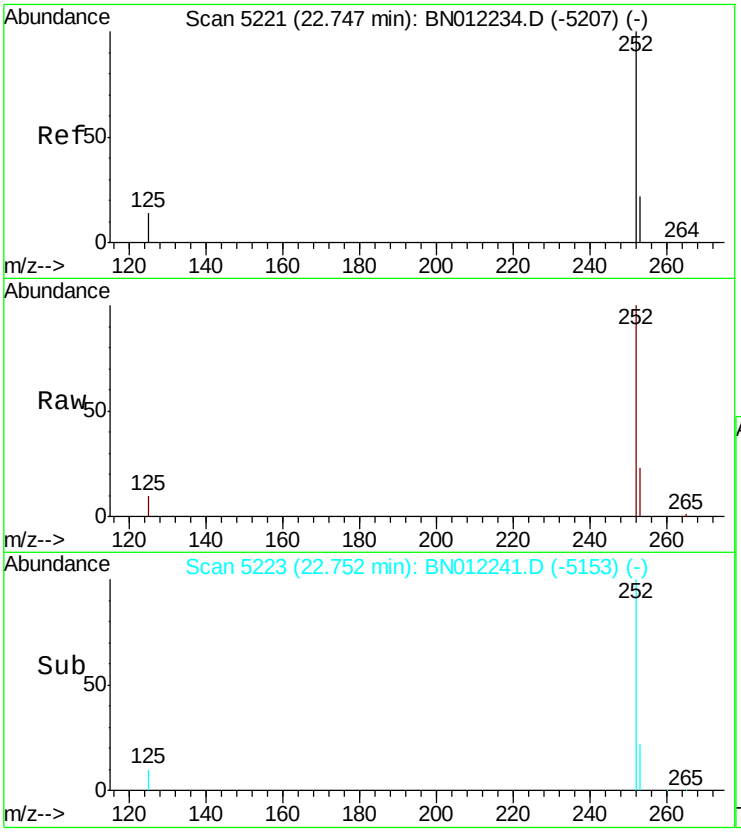


#19
Chrysene
Concen: 27.918 ng/ul
RT: 21.25 min Scan# 4709
Delta R.T. 0.00 min
Lab File: BN012241.D
Acq: 15 Oct 2020 21:01

Tgt Ion:228 Resp: 1002862

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.6	37.0
229	21.1	17.0	25.6



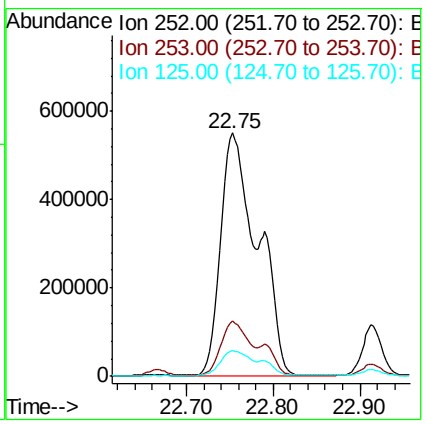


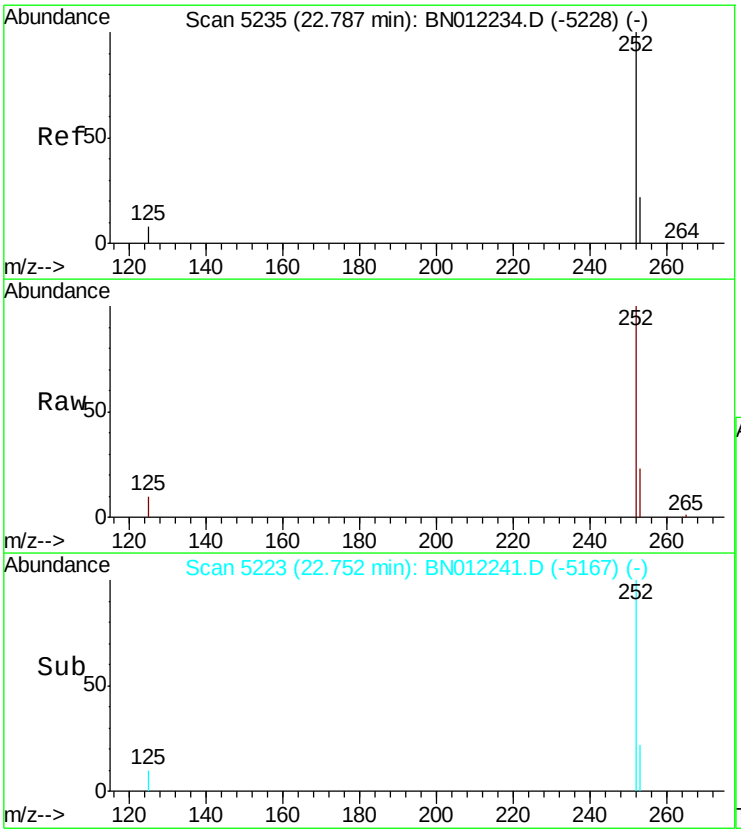
#21
Benzo(b)fluoranthene
Concen: 41.782 ng/ul
RT: 22.75 min Scan# 5223
Delta R.T. 0.01 min
Lab File: BN012241.D
Acq: 15 Oct 2020 21:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1640382

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	61.6
125	10.5	0.0	36.8

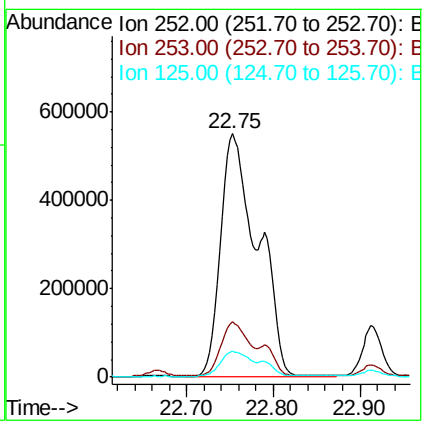


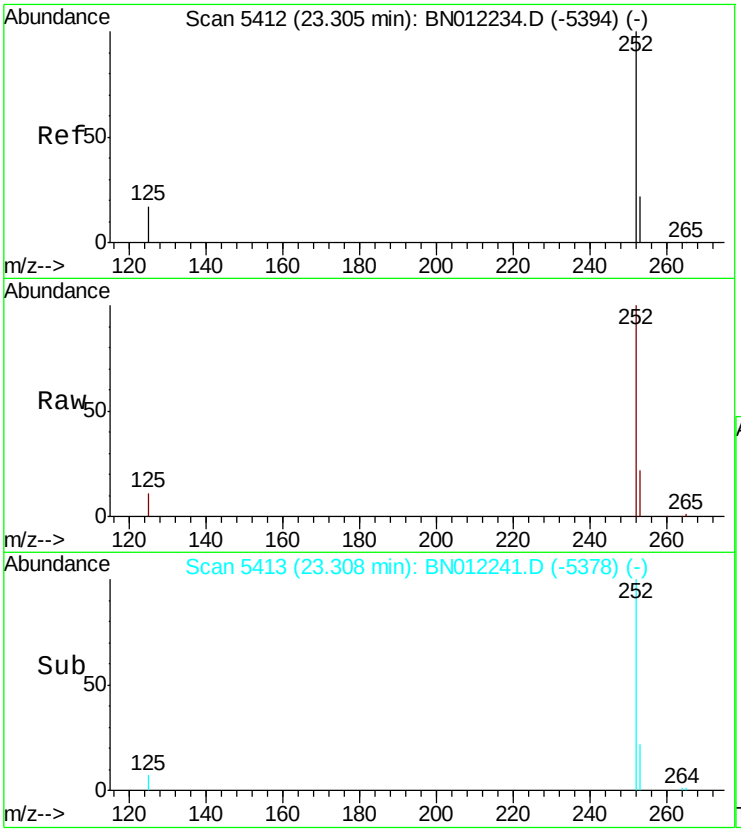


#22
Benzo(k)fluoranthene
Concen: 37.747 ng/ul
RT: 22.75 min Scan# 5223
Delta R.T. -0.04 min
Lab File: BN012241.D
Acq: 15 Oct 2020 21:01

Tgt Ion:252 Resp: 1640382

Ion	Ratio	Lower	Upper
252	100		
253	22.6	24.4	36.6#
125	10.5	12.9	19.3#



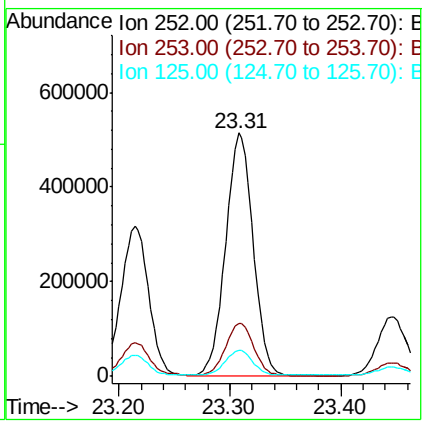


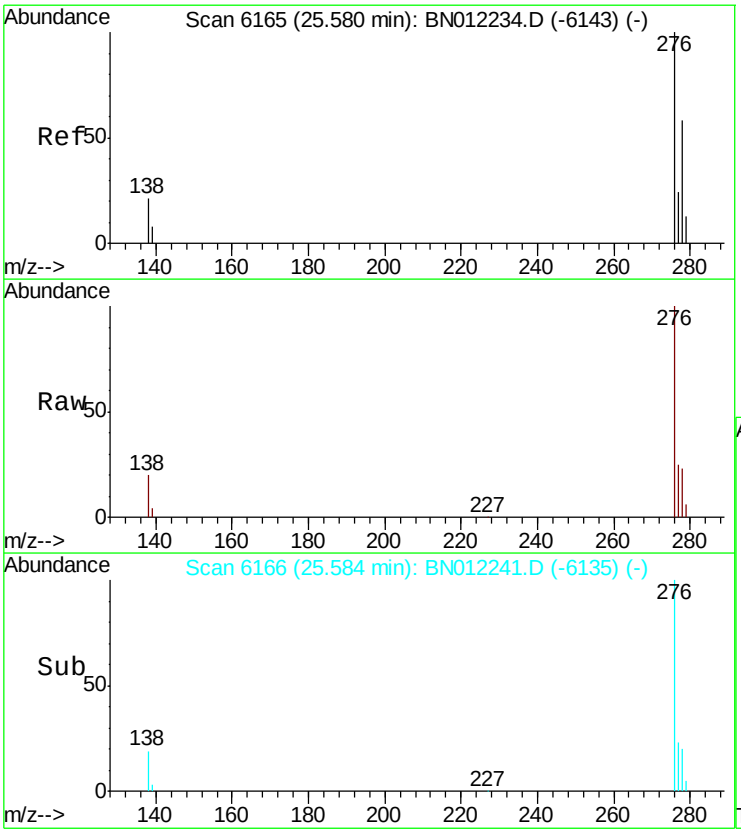
#23
Benzo(a)pyrene
Concen: 23.151 ng/ul
RT: 23.31 min Scan# 5413
Delta R.T. 0.00 min
Lab File: BN012241.D
Acq: 15 Oct 2020 21:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 884220

Ion	Ratio	Lower	Upper
252	100		
253	22.0	27.0	40.4#
125	10.7	18.8	28.2#

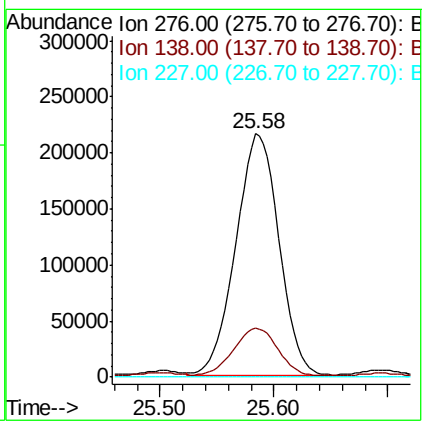


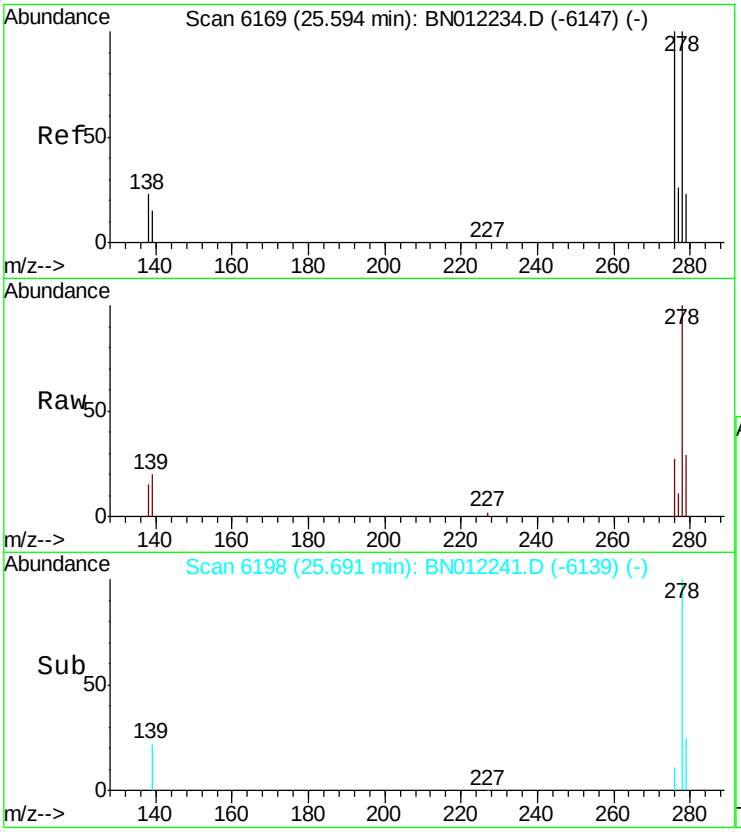


#24
Indeno(1,2,3-cd)pyrene
Concen: 11.447 ng/ul
RT: 25.58 min Scan# 6166
Delta R.T. 0.00 min
Lab File: BN012241.D
Acq: 15 Oct 2020 21:01

Tgt Ion:276 Resp: 561673

Ion	Ratio	Lower	Upper
276	100		
138	20.3	0.0	0.0#
227	0.2	0.0	0.0#



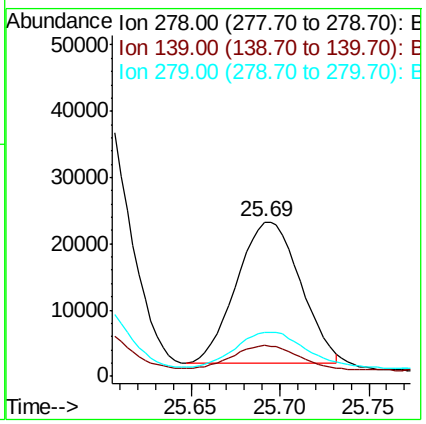


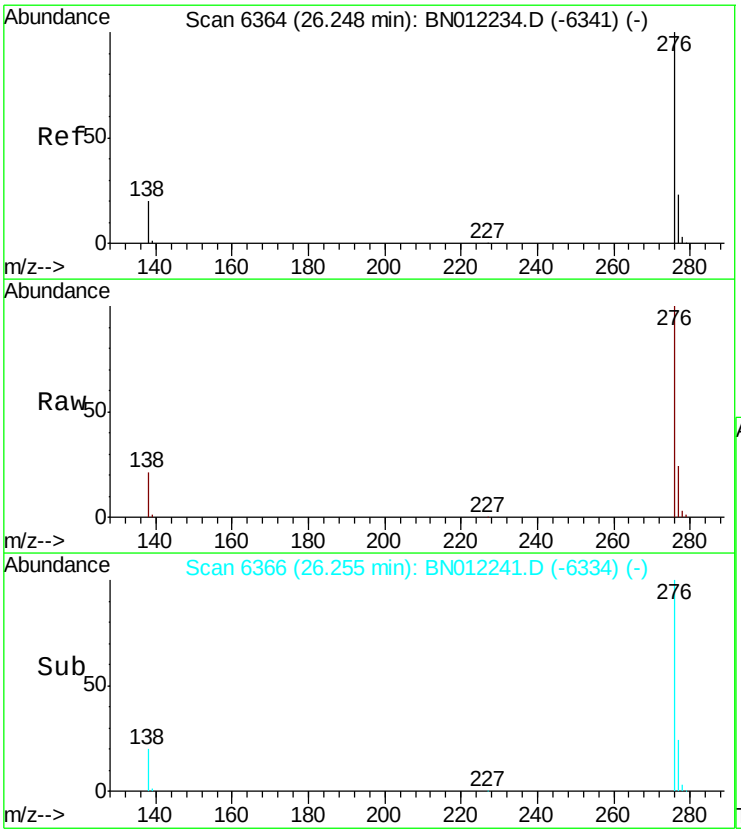
#25
Dibenzo(a,h)anthracene
Concen: 1.347 ng/ul
RT: 25.69 min Scan# 6198
Delta R.T. 0.10 min
Lab File: BN012241.D
Acq: 15 Oct 2020 21:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 52856

Ion	Ratio	Lower	Upper
278	100		
139	20.0	15.7	23.5
279	28.7	26.0	39.0





#26
Benzo(g,h,i)perylene
Concen: 10.440 ng/ul
RT: 26.25 min Scan# 6366
Delta R.T. 0.01 min
Lab File: BN012241.D
Acq: 15 Oct 2020 21:01

Tgt Ion:276 Resp: 469492

Ion	Ratio	Lower	Upper
276	100		
138	20.5	17.1	25.7
277	24.0	21.1	31.7