Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021419\
Data File : BN004422.D
Acq On : 14 Feb 2019 16:15
Operator : JU/SJ
Sample : MDL-W-07
Misc : 0.07 PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-W-07

Quant Time: Feb 14 16:48:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 14:04:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	953	0.40	ng/ul	0.00
2) Naphthalene-d8	10.53	136	3738	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	2256	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	6355	0.40	ng/ul	0.00
16) Chrysene-d12	21.33	240	8074	0.40	ng/ul	0.00
20) Perylene-d12	23.60	264	8271	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	2060	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.16	212	6762	0.34	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.58	128	747	0.070	ng/ul#	82
5) 2-Methylnaphthalene	12.20	142	535	0.070	ng/ul	100
7) Acenaphthylene	14.11	152	666	0.065	ng/ul#	85
8) Acenaphthene	14.44	153	618	0.069	ng/ul	97
9) Fluorene	15.43	166	757	0.071	ng/ul#	94
11) Pentachlorophenol	16.78	266	35	0.026	ng/ul#	90
12) Phenanthrene	17.17	178	1418	0.069	ng/ul#	90
13) Anthracene	17.27	178	1106	0.064	ng/ul#	88
15) Fluoranthene	19.20	202	1790	0.071	ng/ul	94
17) Pyrene	19.56	202	1768	0.068	ng/ul#	90
18) Benzo(a)anthracene	21.31	228	1763	0.068	ng/ul	94
19) Chrysene	21.37	228	2170	0.072	ng/ul	96
21) Benzo(b)fluoranthene	22.92	252	2341	0.071	ng/ul	77
22) Benzo(k)fluoranthene	22.96	252	2271	0.070	ng/ul#	73
23) Benzo(a)pyrene	23.50	252	2033	0.069	ng/ul#	67
24) Indeno(1,2,3-cd)pyrene	25.89	276	2707	0.070	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.91	278	2170	0.069	ng/ul#	82
26) Benzo(g,h,i)perylene	26.59	276	2565	0.073	ng/ul#	90

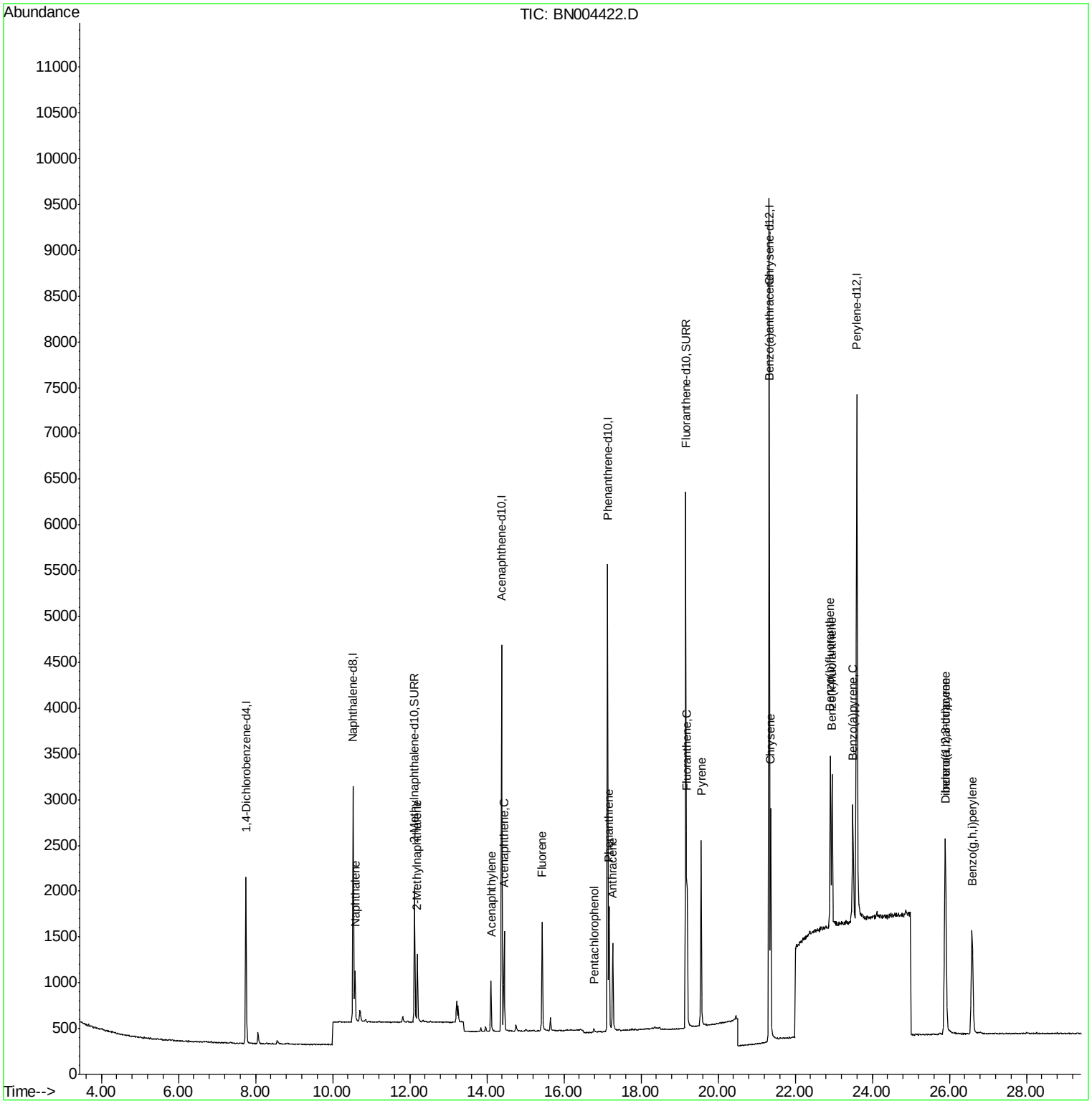
(#) = qualifier out of range (m) = manual integration (+) = signals summed

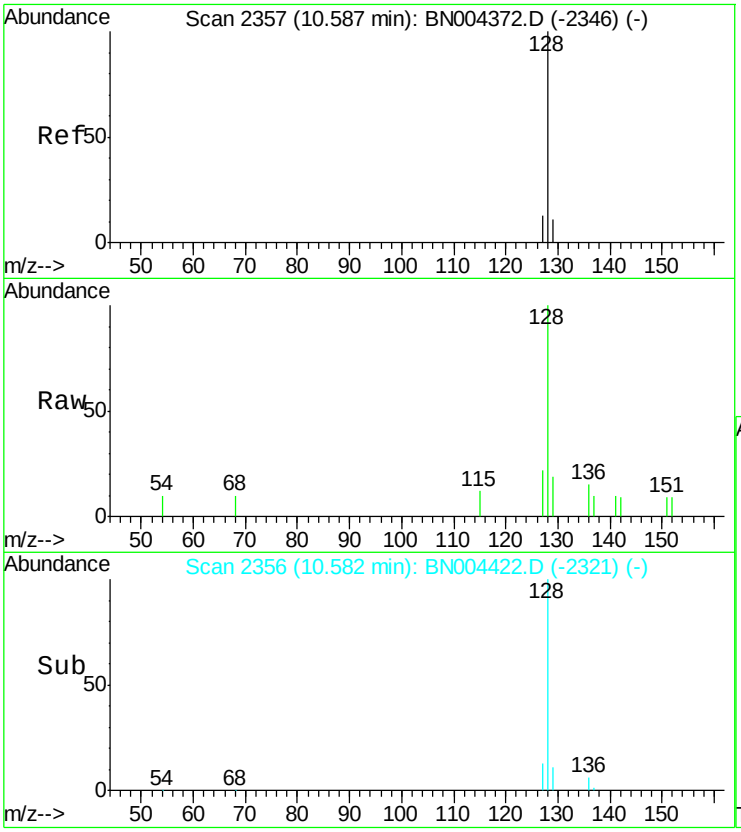
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021419\
Data File : BN004422.D
Acq On : 14 Feb 2019 16:15
Operator : JU/SJ
Sample : MDL-W-07
Misc : 0.07 PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-W-07

Quant Time: Feb 14 16:48:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 14:04:55 2019
Response via : Initial Calibration



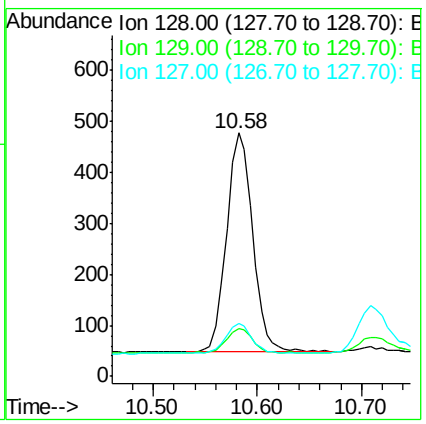


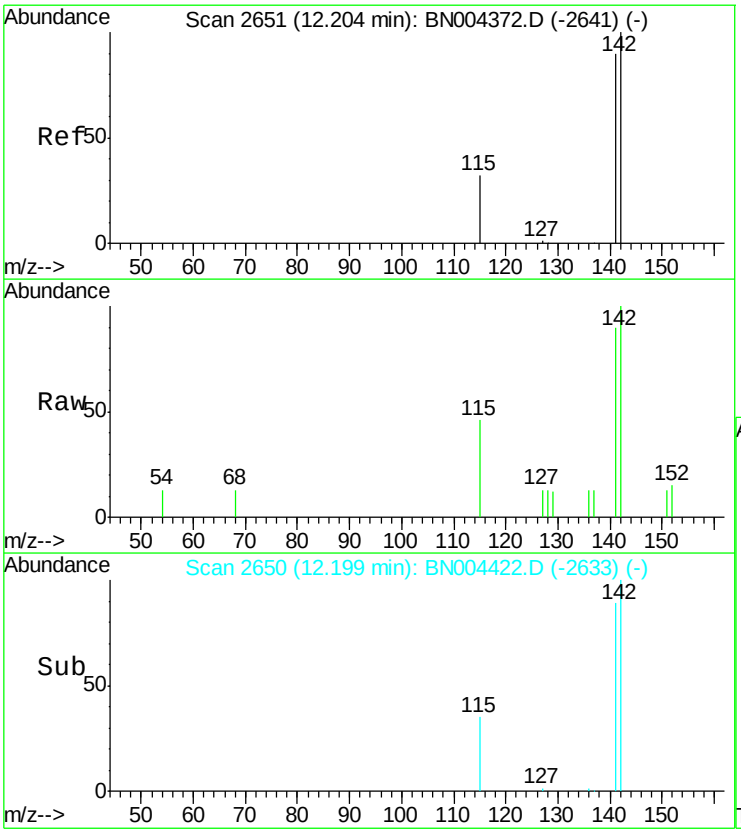
#3
Naphthalene
Concen: 0.070 ng/ul
RT: 10.58 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BN004422.D
Acq: 14 Feb 2019 16:15

Instrument :
BNA_N
ClientSampleId :
MDL-W-07

Tgt Ion:128 Resp: 747

Ion	Ratio	Lower	Upper
128	100		
129	19.5	9.8	14.6#
127	21.6	11.4	17.0#

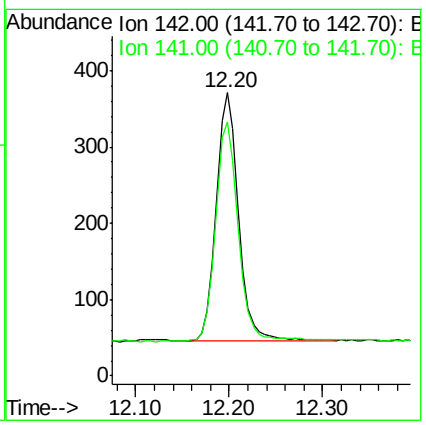


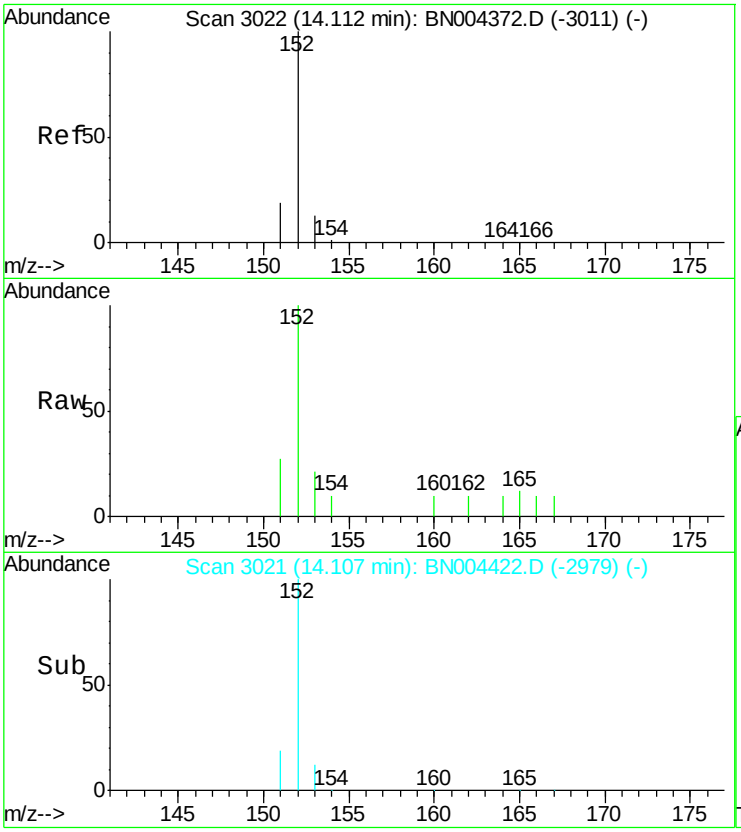


#5
2-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 12.20 min Scan# 2650
Delta R.T. -0.01 min
Lab File: BN004422.D
Acq: 14 Feb 2019 16:15

Tgt Ion:142 Resp: 535

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.8	107.6



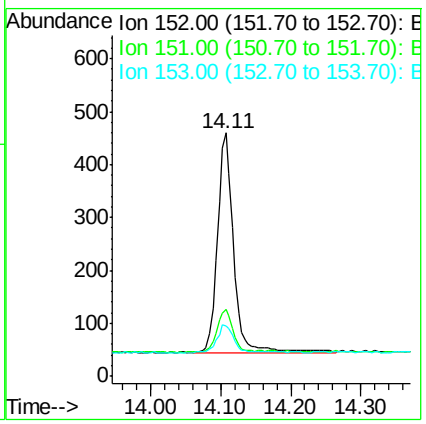


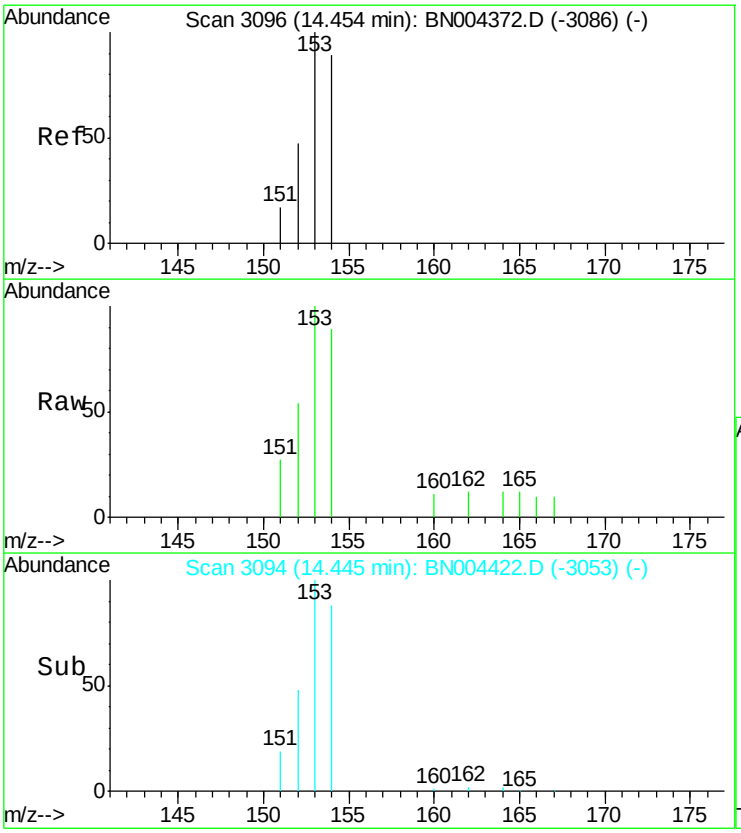
#7
Acenaphthylene
Concen: 0.065 ng/ul
RT: 14.11 min Scan# 3021
Delta R.T. -0.00 min
Lab File: BN004422.D
Acq: 14 Feb 2019 16:15

Instrument :
BNA_N
ClientSampleId :
MDL-W-07

Tgt Ion:152 Resp: 666

Ion	Ratio	Lower	Upper
152	100		
151	27.4	16.6	24.8#
153	20.9	11.1	16.7#

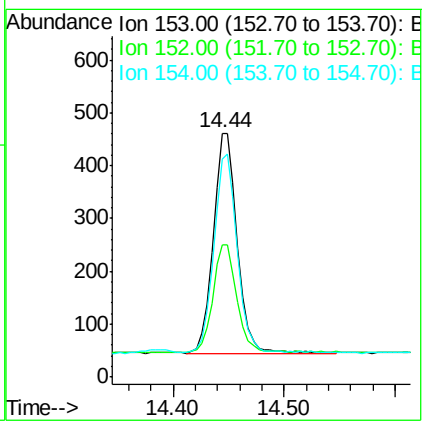


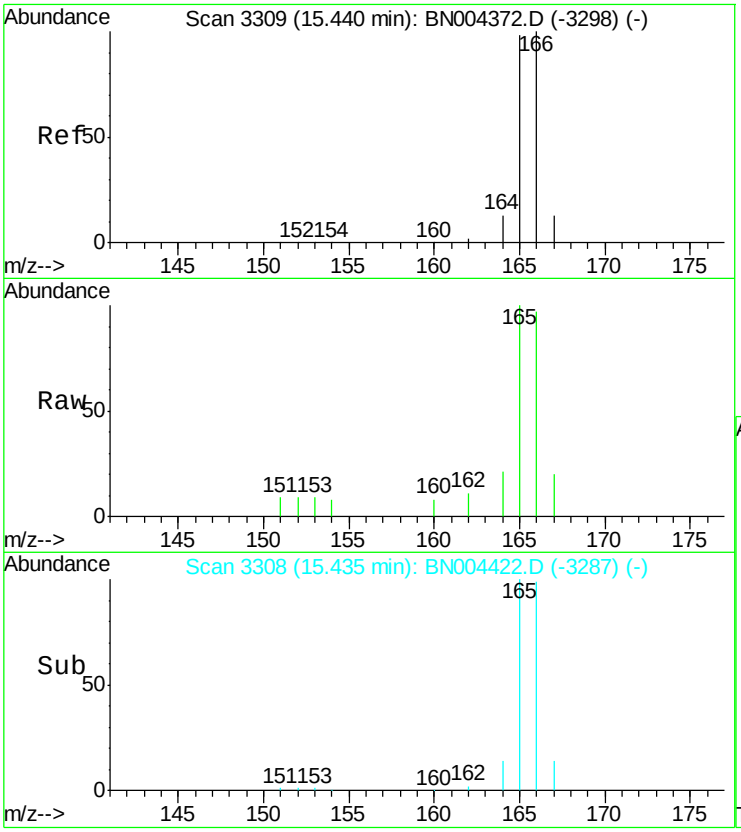


#8
Acenaphthene
Concen: 0.069 ng/ul
RT: 14.44 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BN004422.D
Acq: 14 Feb 2019 16:15

Tgt Ion:153 Resp: 618

Ion	Ratio	Lower	Upper
153	100		
152	54.0	38.4	57.6
154	89.4	71.4	107.0



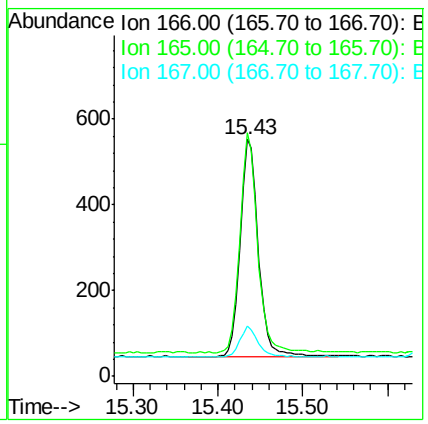


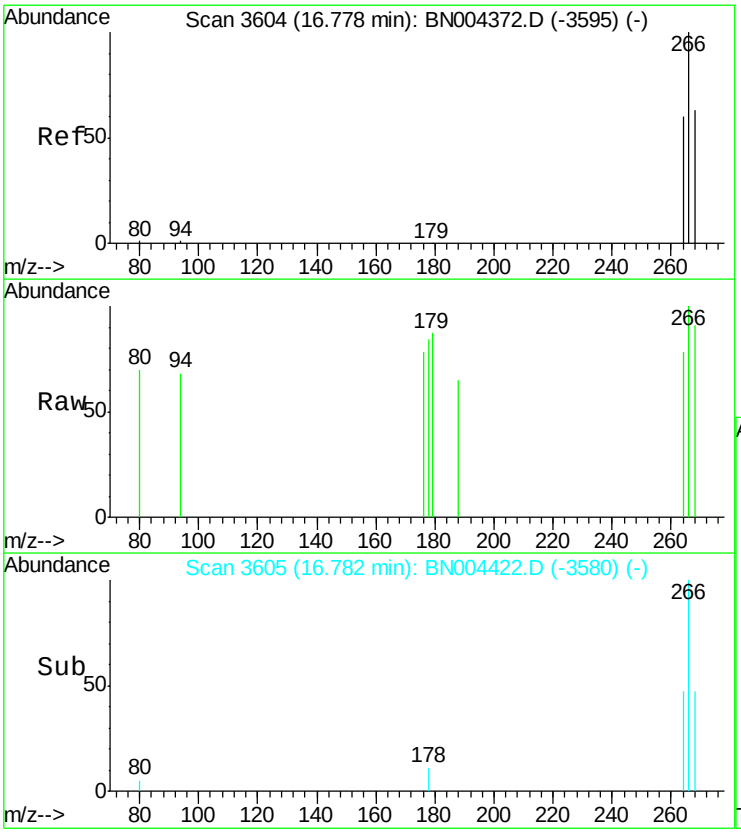
#9
Fluorene
Concen: 0.071 ng/ul
RT: 15.43 min Scan# 3308
Delta R.T. -0.00 min
Lab File: BN004422.D
Acq: 14 Feb 2019 16:15

Instrument :
BNA_N
ClientSampleId :
MDL-W-07

Tgt Ion:166 Resp: 757

Ion	Ratio	Lower	Upper
166	100		
165	102.7	78.9	118.3
167	21.0	11.6	17.4#

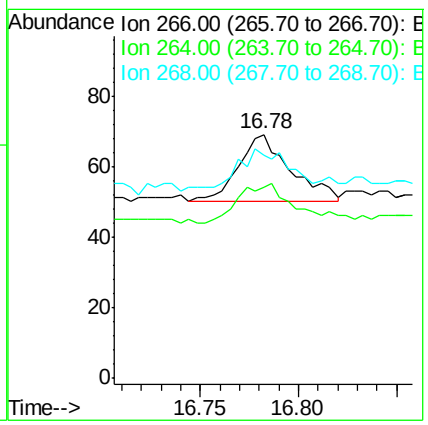


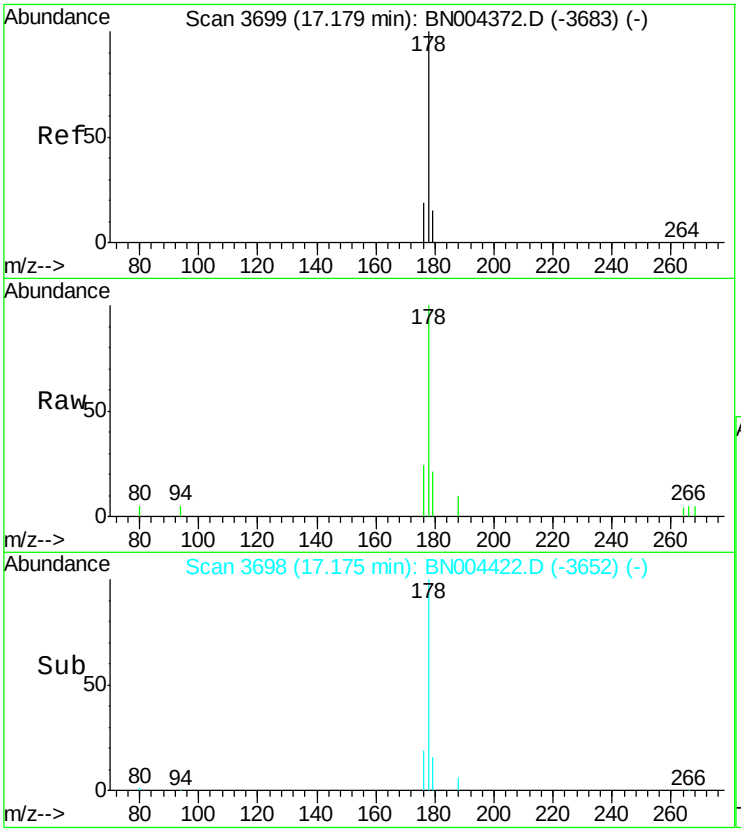


#11
Pentachlorophenol
Concen: 0.026 ng/ul
RT: 16.78 min Scan# 3605
Delta R.T. 0.00 min
Lab File: BN004422.D
Acq: 14 Feb 2019 16:15

Tgt Ion:266 Resp: 35

Ion	Ratio	Lower	Upper
266	100		
264	62.9	52.3	78.5
268	74.3	49.0	73.6#



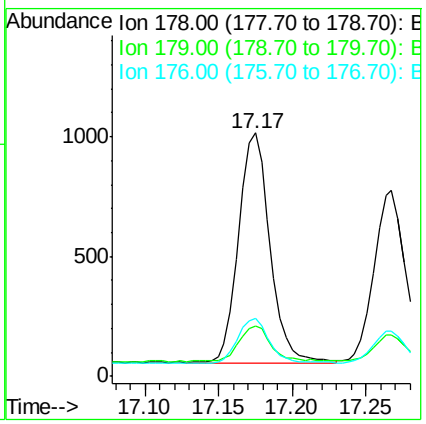


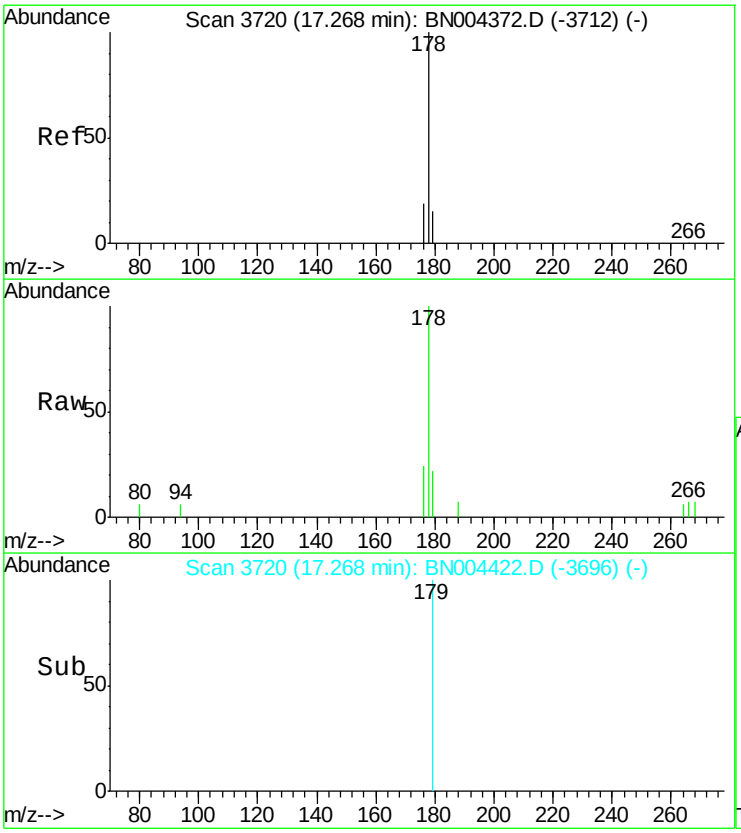
#12
Phenanthrene
Concen: 0.069 ng/ul
RT: 17.17 min Scan# 3698
Delta R.T. -0.00 min
Lab File: BN004422.D
Acq: 14 Feb 2019 16:15

Instrument :
BNA_N
ClientSampleId :
MDL-W-07

Tgt Ion:178 Resp: 1418

Ion	Ratio	Lower	Upper
178	100		
179	21.0	12.6	19.0#
176	23.7	15.8	23.6#

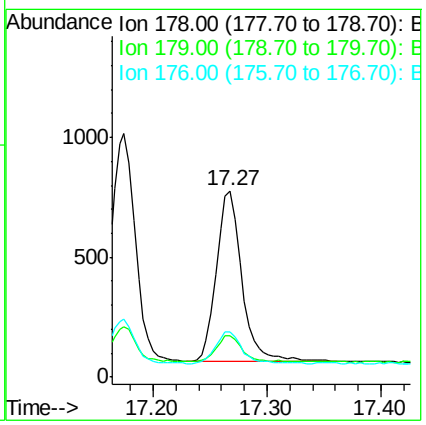


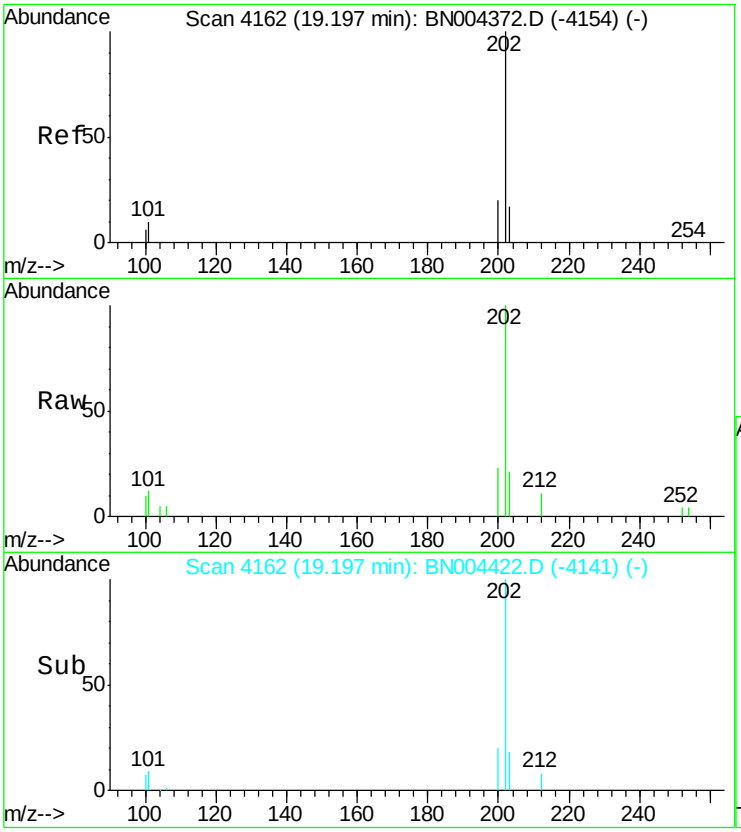


#13
Anthracene
Concen: 0.064 ng/ul
RT: 17.27 min Scan# 3720
Delta R.T. -0.00 min
Lab File: BN004422.D
Acq: 14 Feb 2019 16:15

Tgt Ion:178 Resp: 1106

Ion	Ratio	Lower	Upper
178	100		
179	22.1	13.0	19.4#
176	24.3	15.5	23.3#



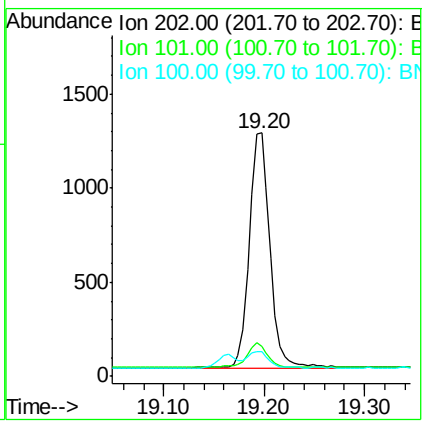


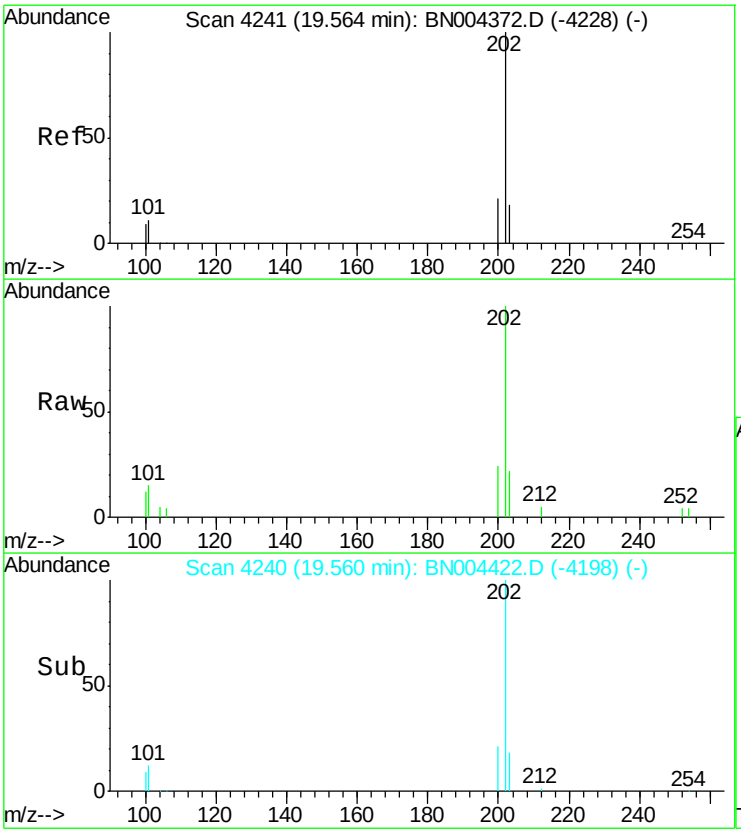
#15
Fluoranthene
Concen: 0.071 ng/ul
RT: 19.20 min Scan# 4162
Delta R.T. -0.00 min
Lab File: BN004422.D
Acq: 14 Feb 2019 16:15

Instrument :
BNA_N
ClientSampleId :
MDL-W-07

Tgt Ion:202 Resp: 1790

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	30.4
100	10.0	0.0	27.6

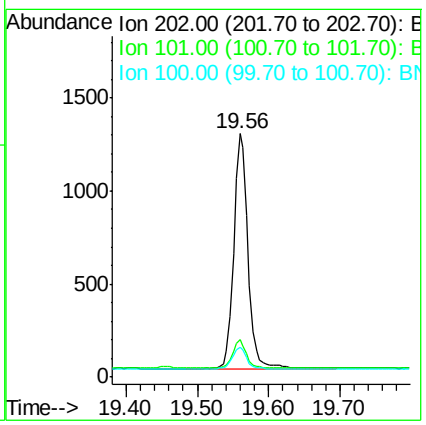


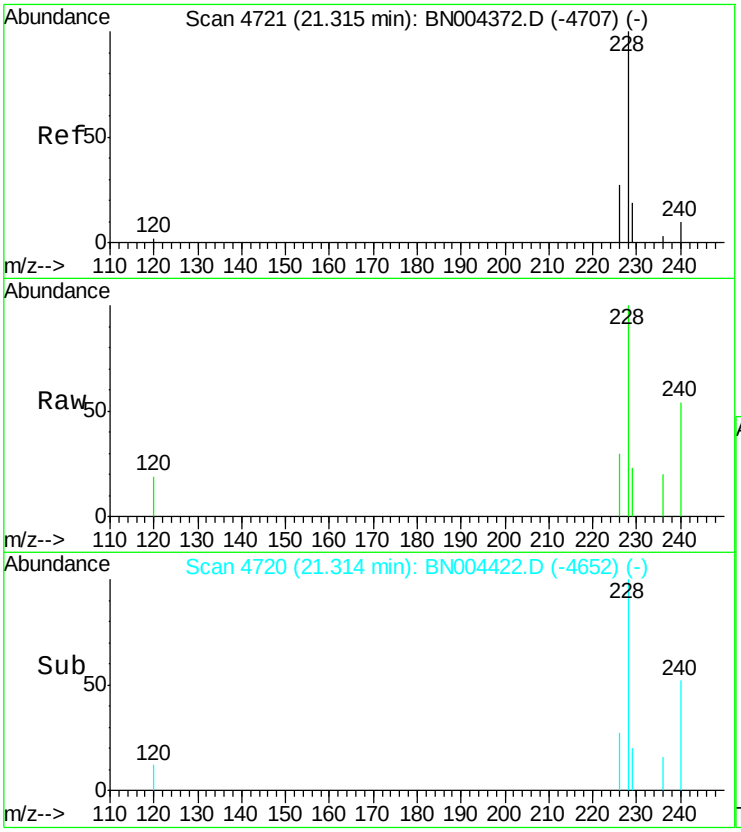


#17
Pyrene
Concen: 0.068 ng/ul
RT: 19.56 min Scan# 4240
Delta R.T. -0.00 min
Lab File: BN004422.D
Acq: 14 Feb 2019 16:15

Tgt Ion:202 Resp: 1768

Ion	Ratio	Lower	Upper
202	100		
101	15.4	9.0	13.6#
100	12.2	7.4	11.0#



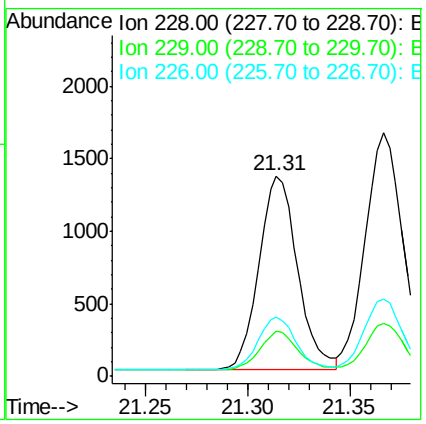


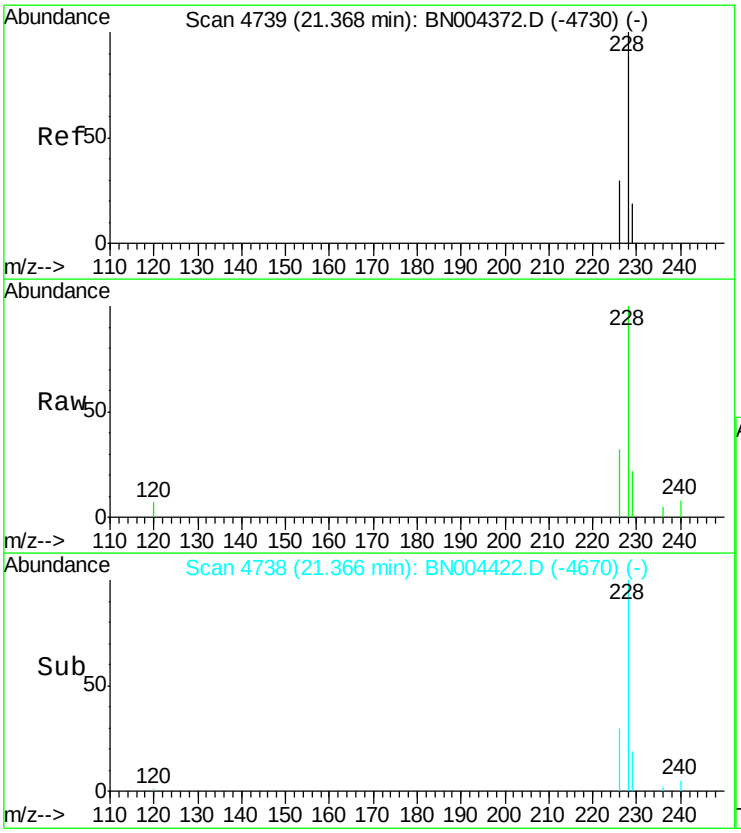
#18
Benzo(a)anthracene
Concen: 0.068 ng/ul
RT: 21.31 min Scan# 4720
Delta R.T. -0.00 min
Lab File: BN004422.D
Acq: 14 Feb 2019 16:15

Instrument :
BNA_N
ClientSampleId :
MDL-W-07

Tgt Ion:228 Resp: 1763

Ion	Ratio	Lower	Upper
228	100		
229	22.9	15.7	23.5
226	29.9	22.1	33.1

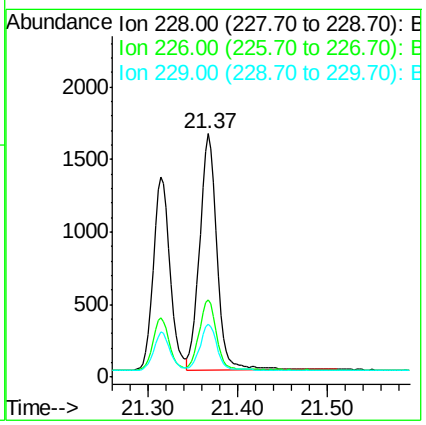


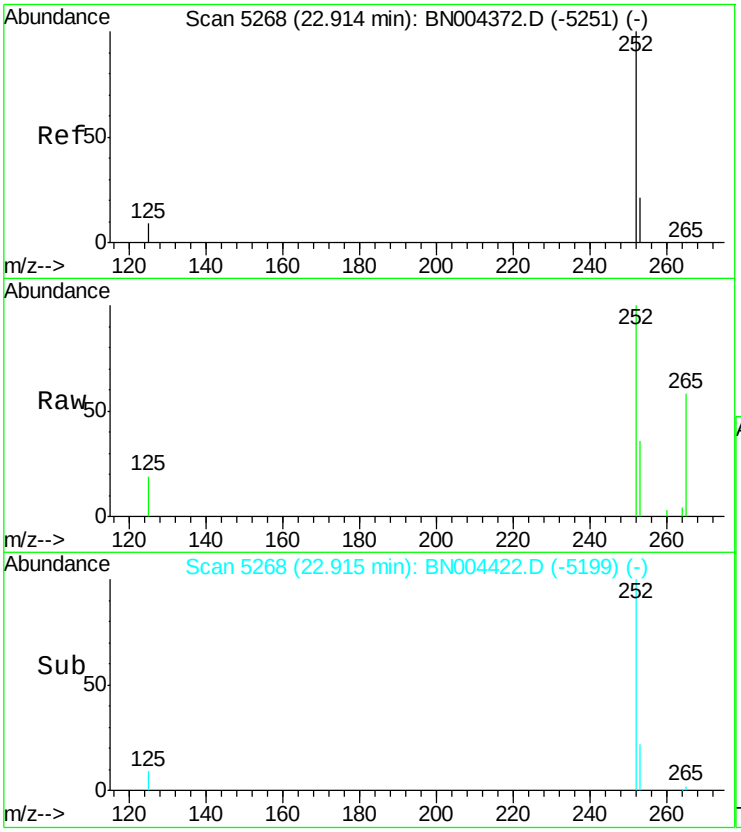


#19
Chrysene
Concen: 0.072 ng/ul
RT: 21.37 min Scan# 4738
Delta R.T. -0.00 min
Lab File: BN004422.D
Acq: 14 Feb 2019 16:15

Tgt Ion:228 Resp: 2170

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.8	35.8
229	21.7	15.8	23.6



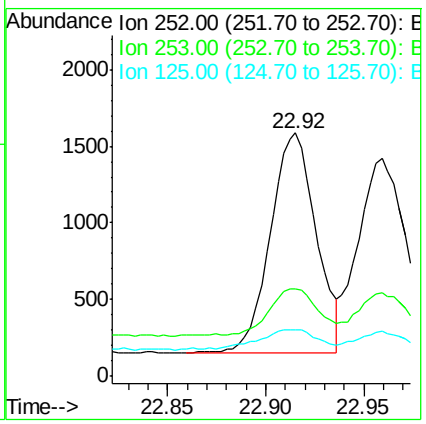


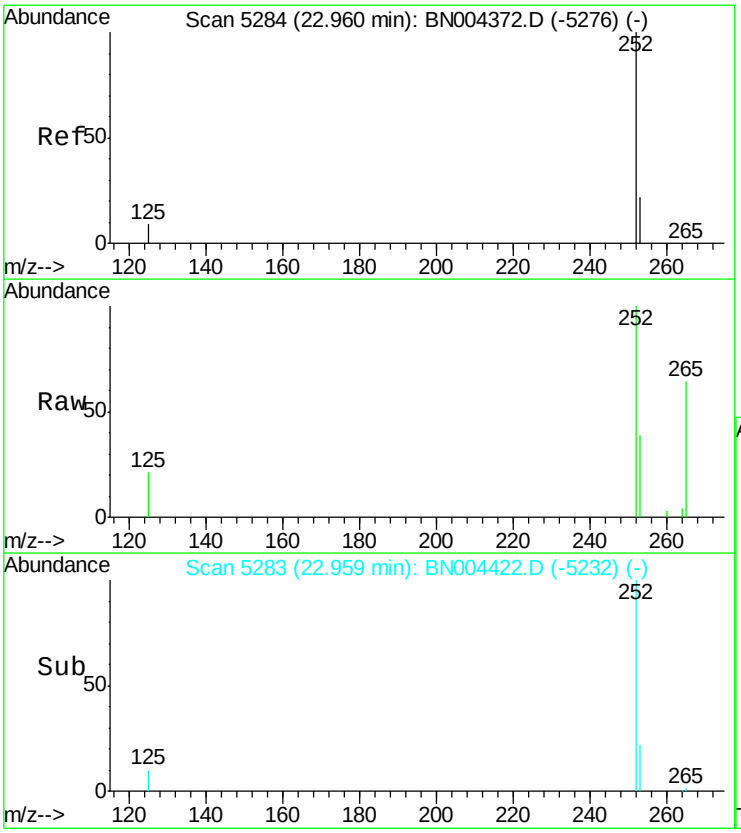
#21
Benzo(b)fluoranthene
Concen: 0.071 ng/ul
RT: 22.92 min Scan# 5268
Delta R.T. 0.00 min
Lab File: BN004422.D
Acq: 14 Feb 2019 16:15

Instrument :
BNA_N
ClientSampleId :
MDL-W-07

Tgt Ion:252 Resp: 2341

Ion	Ratio	Lower	Upper
252	100		
253	36.0	0.0	48.0
125	19.3	0.0	22.8

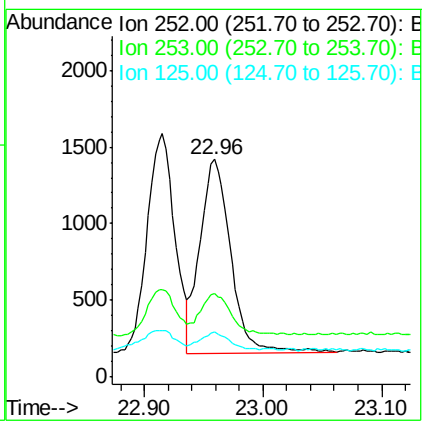


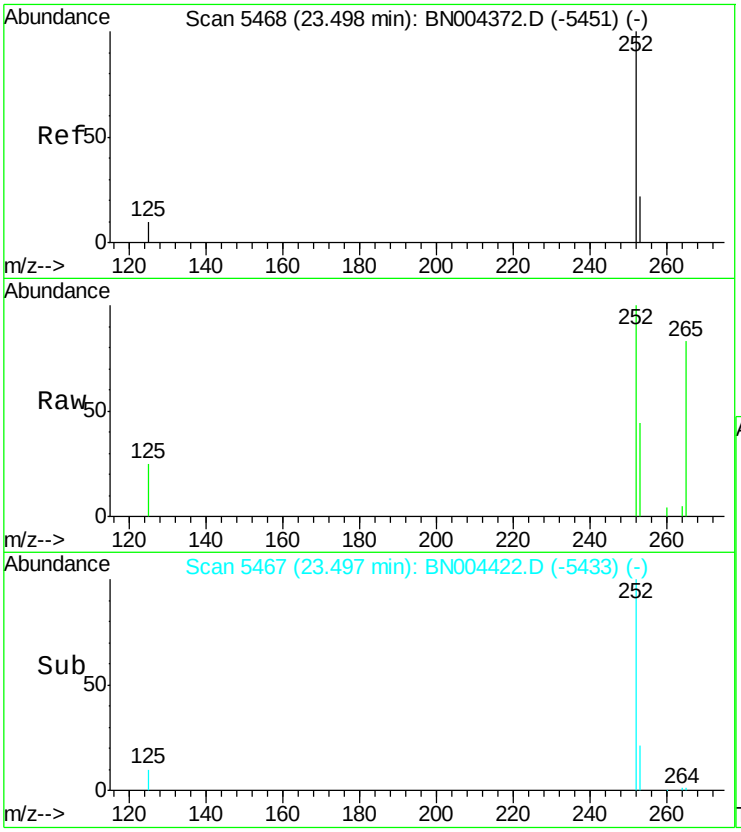


#22
Benzo(k)fluoranthene
Concen: 0.070 ng/ul
RT: 22.96 min Scan# 5283
Delta R.T. -0.00 min
Lab File: BN004422.D
Acq: 14 Feb 2019 16:15

Tgt Ion:252 Resp: 2271

Ion	Ratio	Lower	Upper
252	100		
253	38.5	19.5	29.3#
125	20.9	9.1	13.7#



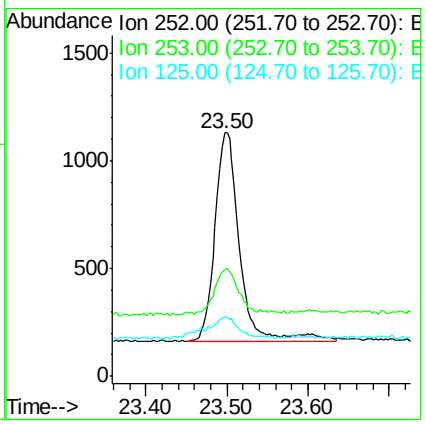


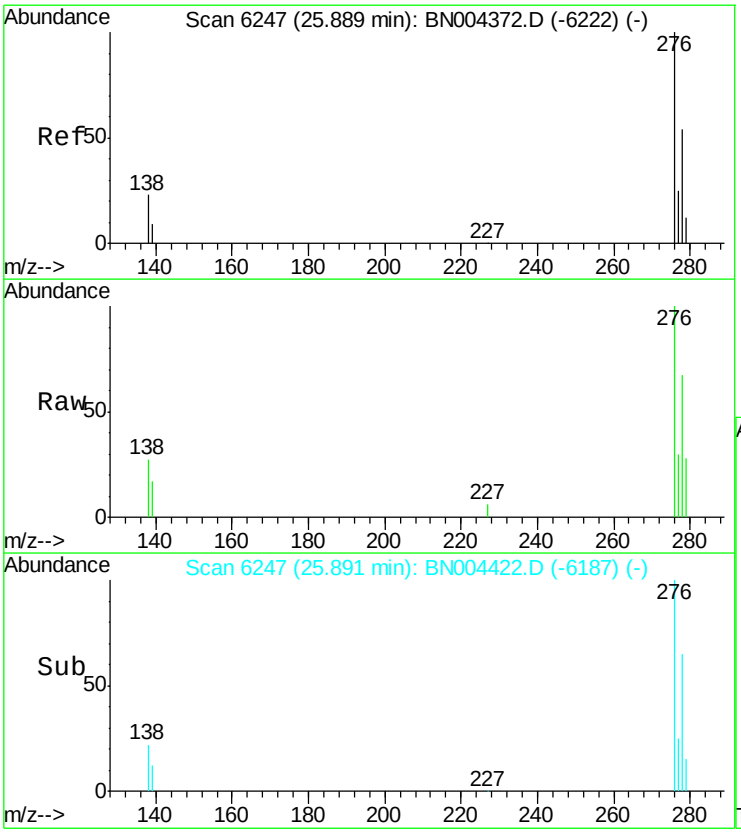
#23
Benzo(a)pyrene
Concen: 0.069 ng/ul
RT: 23.50 min Scan# 5467
Delta R.T. -0.00 min
Lab File: BN004422.D
Acq: 14 Feb 2019 16:15

Instrument :
BNA_N
ClientSampleId :
MDL-W-07

Tgt Ion:252 Resp: 2033

Ion	Ratio	Lower	Upper
252	100		
253	43.6	20.4	30.6#
125	24.5	10.6	15.8#

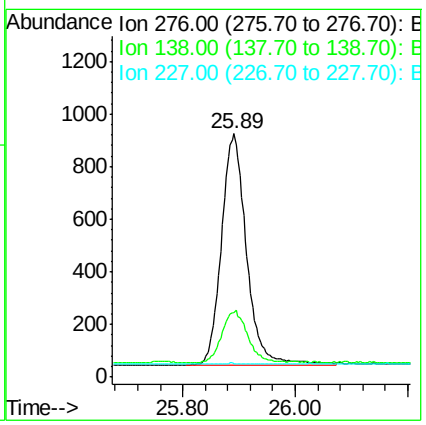


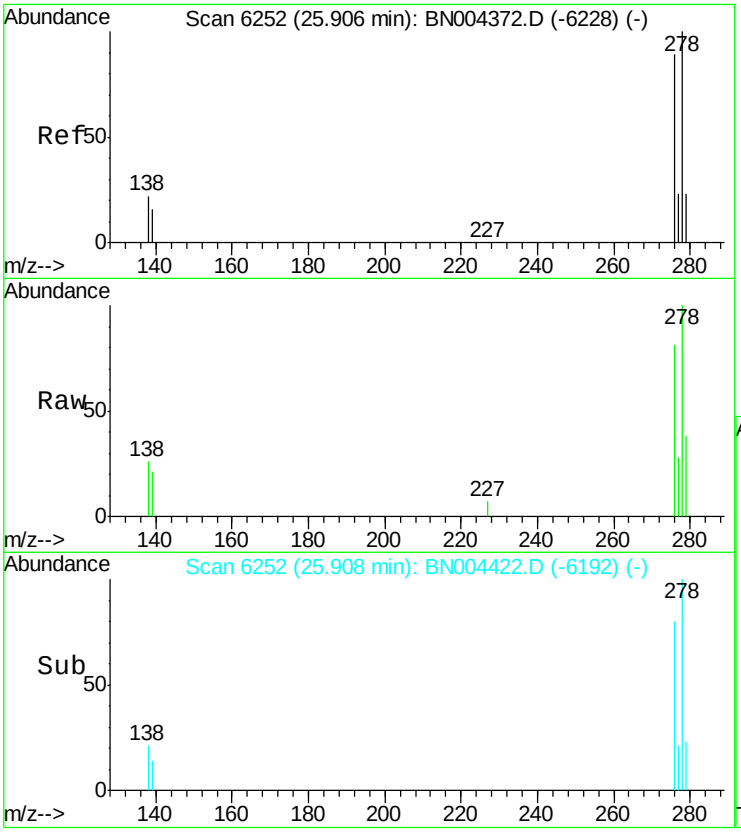


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.070 ng/ul
RT: 25.89 min Scan# 6247
Delta R.T. 0.00 min
Lab File: BN004422.D
Acq: 14 Feb 2019 16:15

Tgt Ion:276 Resp: 2707

Ion	Ratio	Lower	Upper
276	100		
138	23.1	19.1	28.7
227	0.1	0.2	0.4#



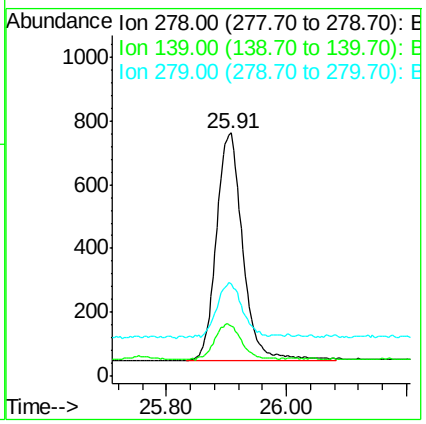


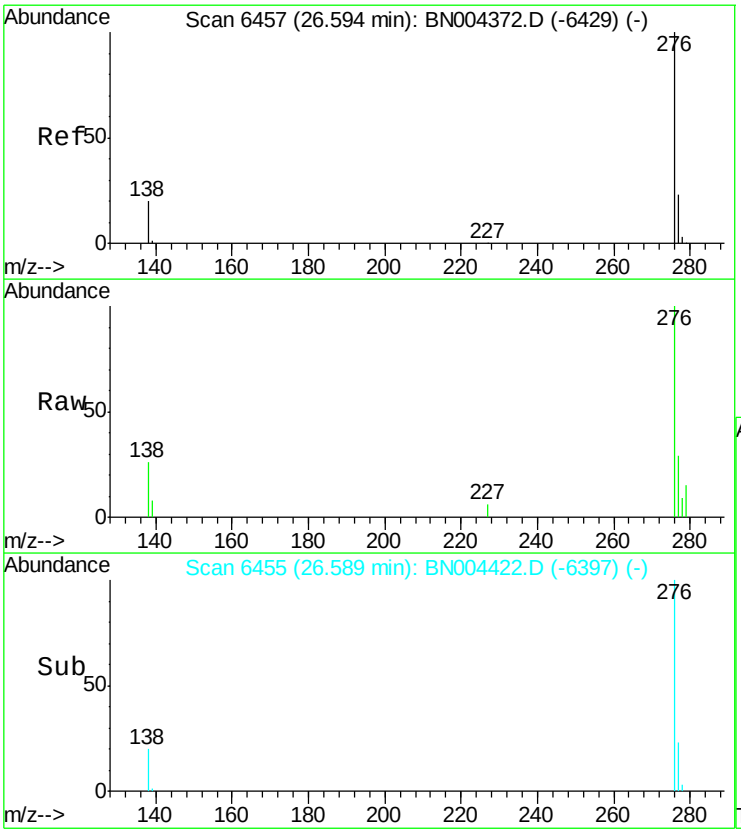
#25
Dibenzo(a,h)anthracene
Concen: 0.069 ng/ul
RT: 25.91 min Scan# 6252
Delta R.T. 0.00 min
Lab File: BN004422.D
Acq: 14 Feb 2019 16:15

Instrument :
BNA_N
ClientSampleId :
MDL-W-07

Tgt Ion:278 Resp: 2170

Ion	Ratio	Lower	Upper
278	100		
139	20.6	13.8	20.6
279	37.9	20.4	30.6#





#26
Benzo(g,h,i)perylene
Concen: 0.073 ng/ul
RT: 26.59 min Scan# 6455
Delta R.T. -0.01 min
Lab File: BN004422.D
Acq: 14 Feb 2019 16:15

Tgt Ion:276 Resp: 2565

Ion	Ratio	Lower	Upper
276	100		
138	26.0	16.8	25.2#
277	28.5	19.4	29.0