Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060820\
Data File : BN010806.D
Acq On : 08 Jun 2020 13:22
Operator : CG/JU
Sample : L1955-07
Misc : MDL-SOIL-07
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-SOIL-07

Quant Time: Jun 08 13:52:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN060320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 08 10:24:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	1839	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	5823	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	3032	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5753	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	4724	0.40	ng/ul	0.00
20) Perylene-d12	23.30	264	4333	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	2560	0.19	ng/ul	0.02
14) Fluoranthene-d10	18.98	212	5130	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.37	128	1088	0.063	ng/ul#	81
5) 2-Methylnaphthalene	12.00	142	628	0.058	ng/ul	99
7) Acenaphthylene	13.91	152	819	0.061	ng/ul#	84
8) Acenaphthene	14.25	153	706	0.062	ng/ul	95
9) Fluorene	15.26	166	736	0.059	ng/ul#	93
11) Pentachlorophenol	16.62	266	68	0.050	ng/ul	95
12) Phenanthrene	16.98	178	1165	0.062	ng/ul#	84
13) Anthracene	17.09	178	854	0.055	ng/ul#	77
15) Fluoranthene	19.00	202	1277	0.061	ng/ul	84
17) Pyrene	19.37	202	1312	0.064	ng/ul#	86
18) Benzo(a)anthracene	21.13	228	957	0.057	ng/ul#	90
19) Chrysene	21.18	228	1420	0.067	ng/ul	92
21) Benzo(b)fluoranthene	22.66	252	1138	0.059	ng/ul#	48
22) Benzo(k)fluoranthene	22.71	252	1343	0.066	ng/ul#	44
23) Benzo(a)pyrene	23.21	252	995	0.061	ng/ul#	31
24) Indeno(1,2,3-cd)pyrene	25.43	276	1345	0.060	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.45	278	1091	0.060	ng/ul#	42
26) Benzo(g,h,i)perylene	26.06	276	1281	0.062	ng/ul#	80

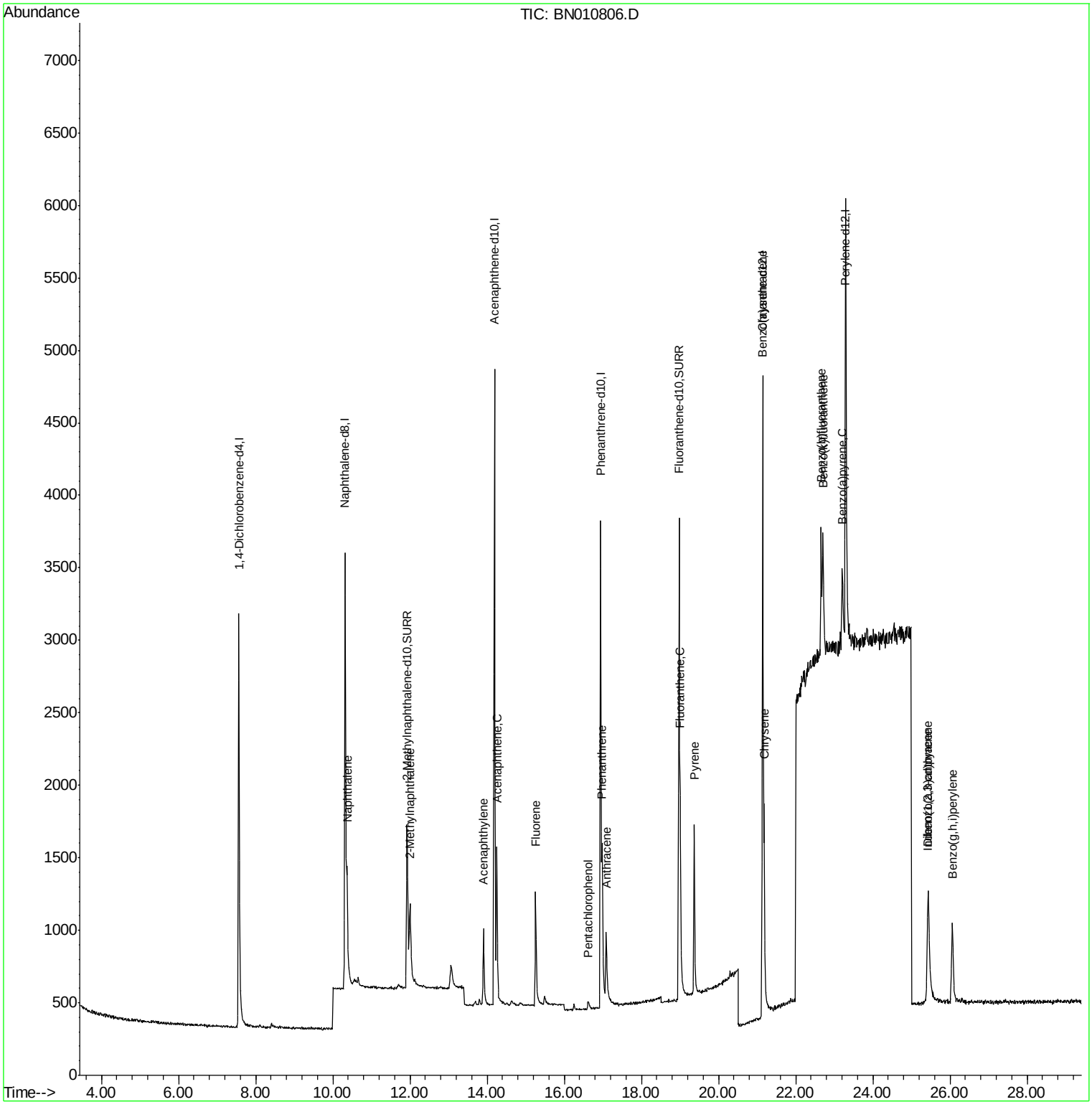
(#) = qualifier out of range (m) = manual integration (+) = signals summed

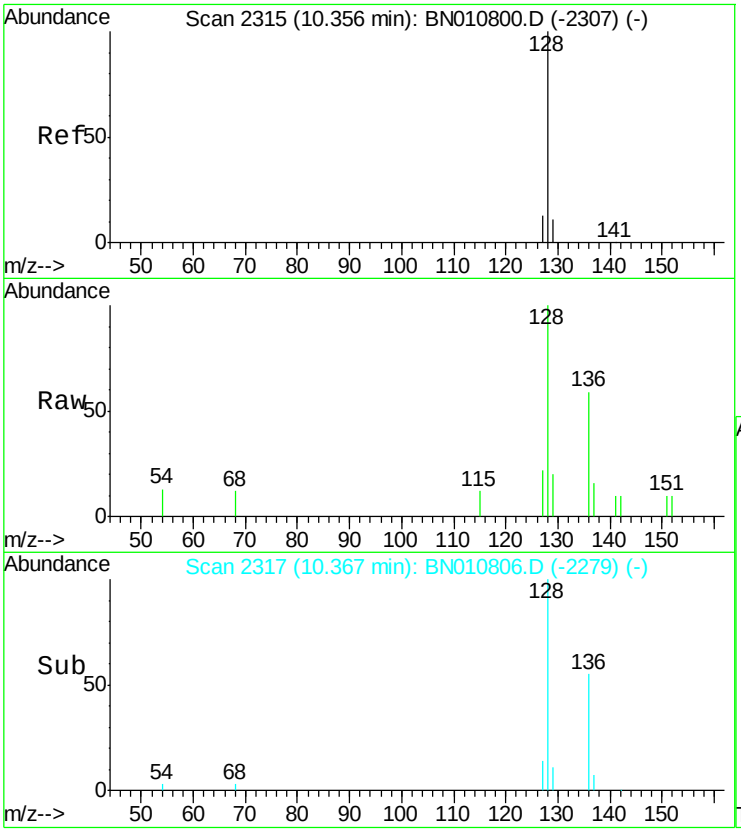
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060820\
Data File : BN010806.D
Acq On : 08 Jun 2020 13:22
Operator : CG/JU
Sample : L1955-07
Misc : MDL-SOIL-07
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-SOIL-07

Quant Time: Jun 08 13:52:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN060320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 08 10:24:50 2020
Response via : Initial Calibration



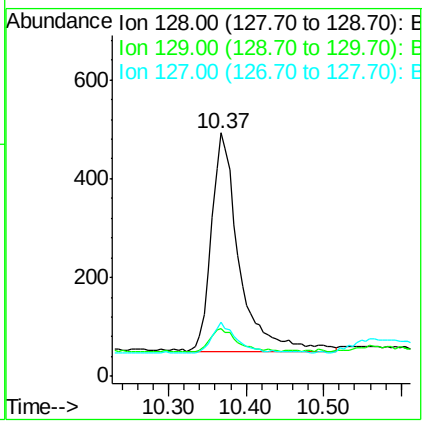


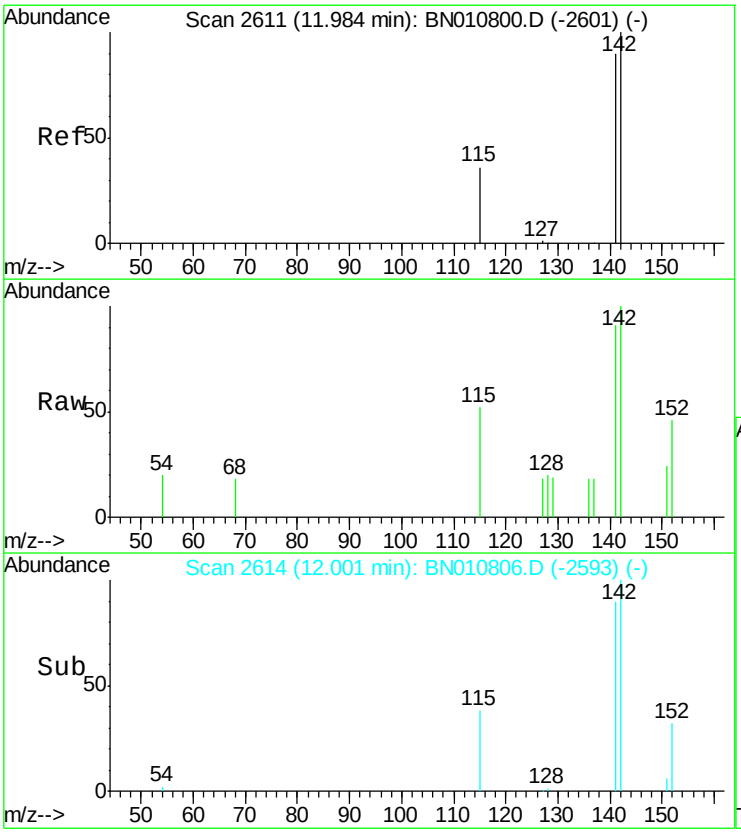
#3
Naphthalene
Concen: 0.063 ng/ul
RT: 10.37 min Scan# 2317
Delta R.T. 0.01 min
Lab File: BN010806.D
Acq: 08 Jun 2020 13:22

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-07

Tgt Ion:128 Resp: 1088

Ion	Ratio	Lower	Upper
128	100		
129	19.7	9.9	14.9#
127	22.3	11.7	17.5#

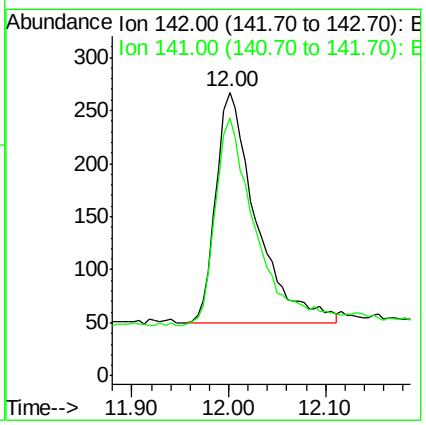


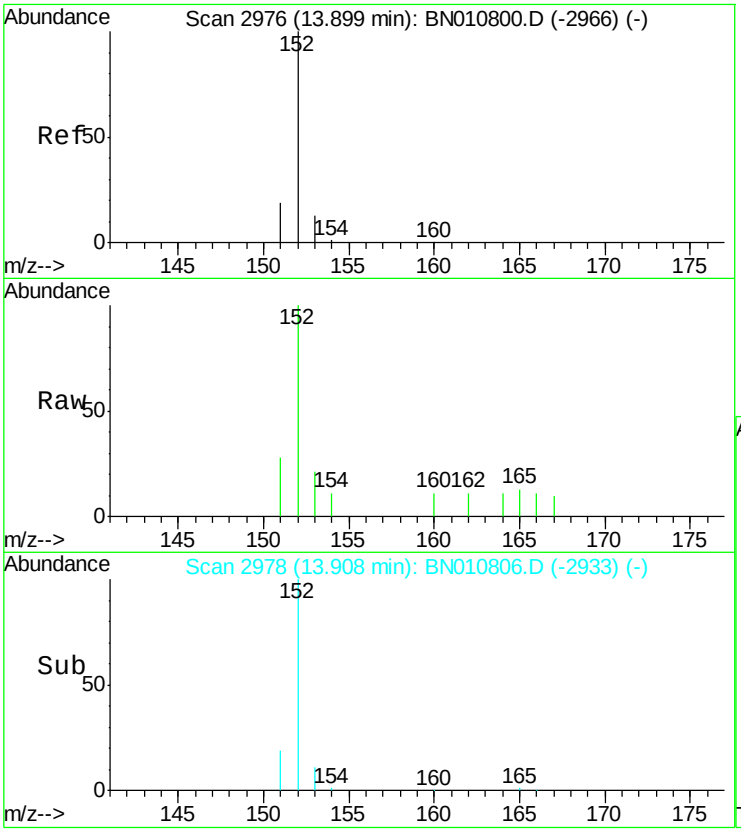


#5
2-Methylnaphthalene
Concen: 0.058 ng/ul
RT: 12.00 min Scan# 2614
Delta R.T. 0.02 min
Lab File: BN010806.D
Acq: 08 Jun 2020 13:22

Tgt Ion:142 Resp: 628

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.1	108.1



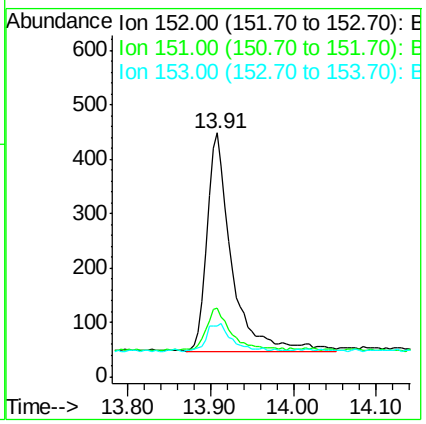


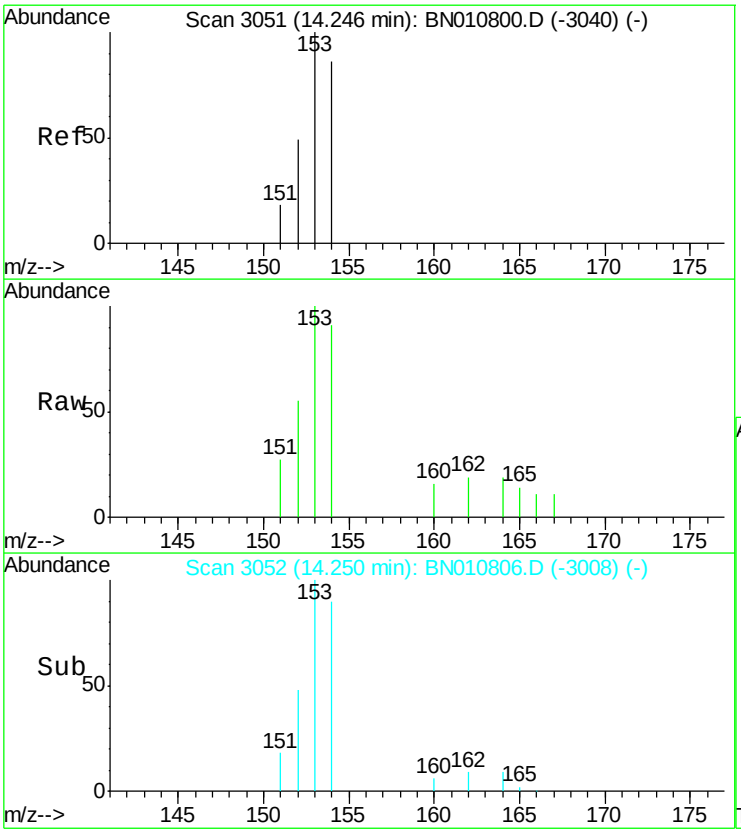
#7
Acenaphthylene
Concen: 0.061 ng/ul
RT: 13.91 min Scan# 2978
Delta R.T. 0.01 min
Lab File: BN010806.D
Acq: 08 Jun 2020 13:22

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-07

Tgt Ion:152 Resp: 819

Ion	Ratio	Lower	Upper
152	100		
151	27.9	16.3	24.5#
153	20.8	11.4	17.2#

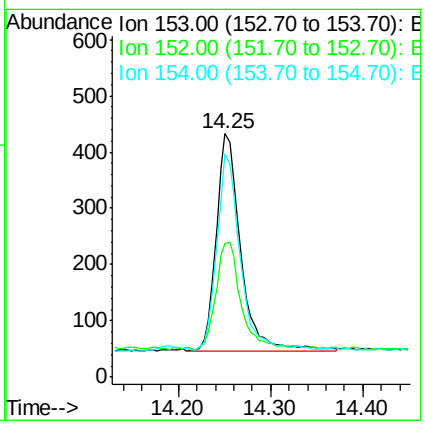


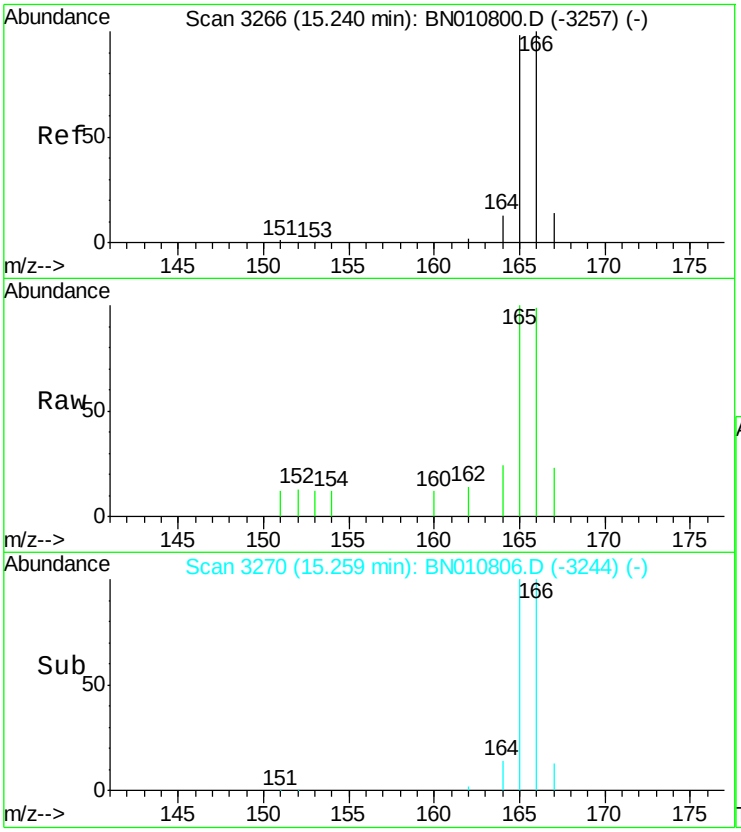


#8
Acenaphthene
Concen: 0.062 ng/ul
RT: 14.25 min Scan# 3052
Delta R.T. 0.00 min
Lab File: BN010806.D
Acq: 08 Jun 2020 13:22

Tgt Ion:153 Resp: 706

Ion	Ratio	Lower	Upper
153	100		
152	55.0	40.1	60.1
154	91.5	70.6	106.0



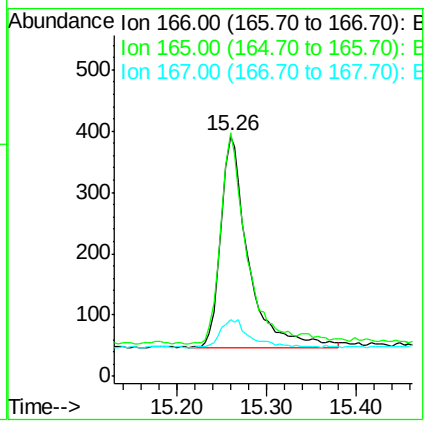


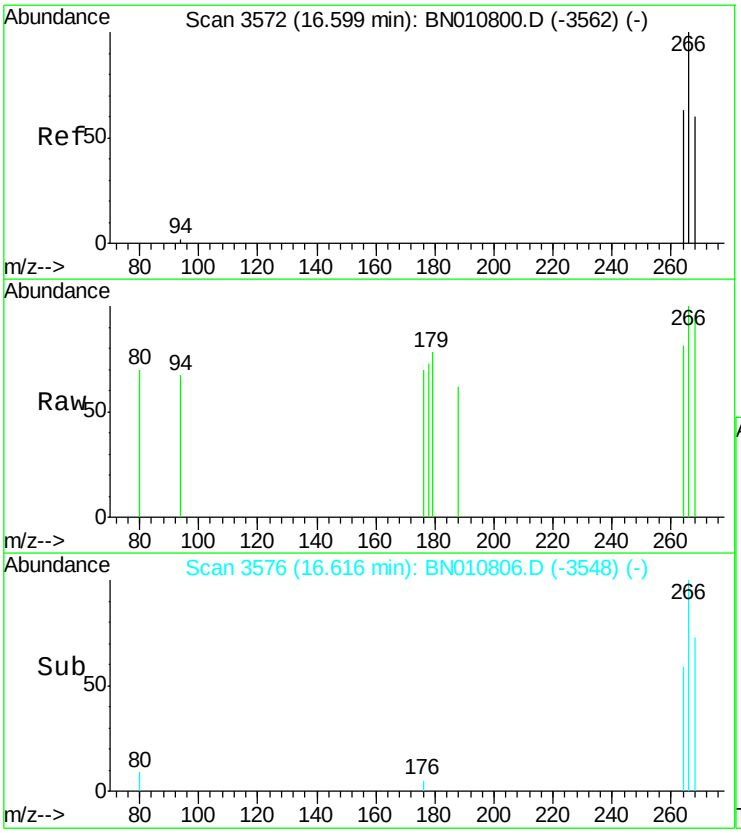
#9
Fluorene
Concen: 0.059 ng/ul
RT: 15.26 min Scan# 3270
Delta R.T. 0.02 min
Lab File: BN010806.D
Acq: 08 Jun 2020 13:22

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-07

Tgt Ion:166 Resp: 736

Ion	Ratio	Lower	Upper
166	100		
165	101.3	77.3	115.9
167	23.5	12.1	18.1#

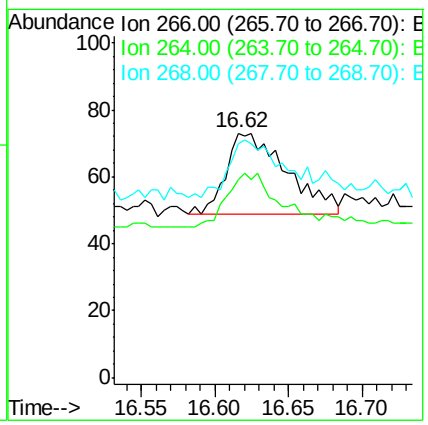


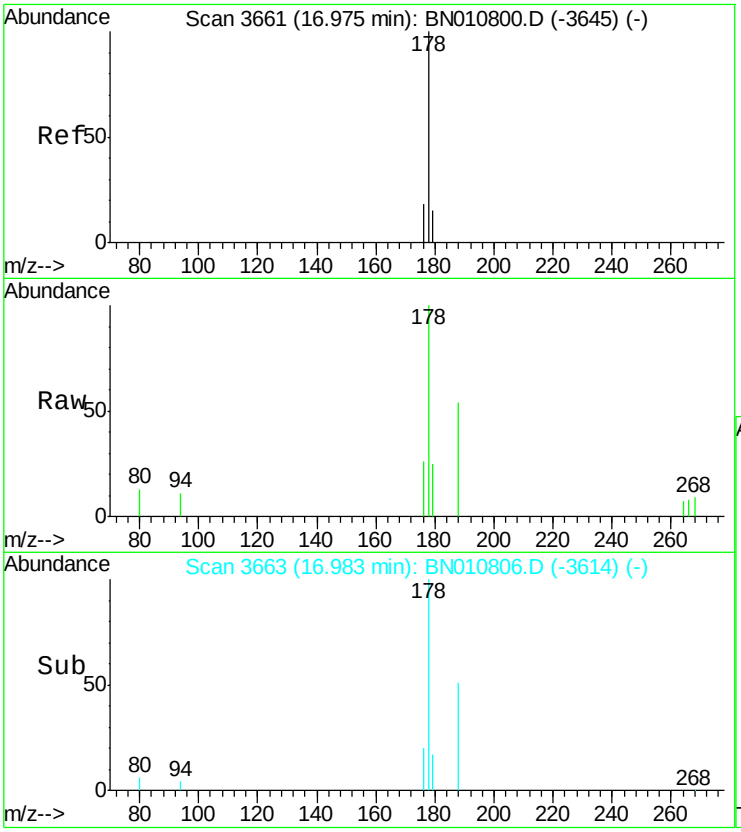


#11
Pentachlorophenol
Concen: 0.050 ng/ul
RT: 16.62 min Scan# 3576
Delta R.T. 0.02 min
Lab File: BN010806.D
Acq: 08 Jun 2020 13:22

Tgt Ion:266 Resp: 68

Ion	Ratio	Lower	Upper
266	100		
264	57.4	50.3	75.5
268	66.2	54.8	82.2



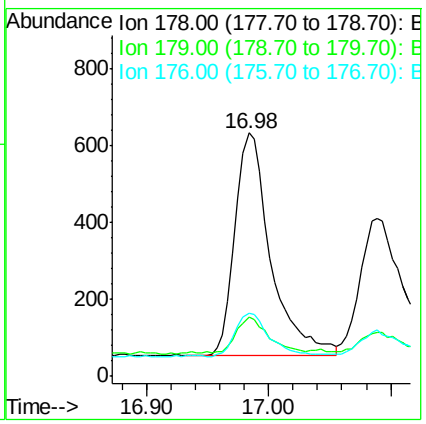


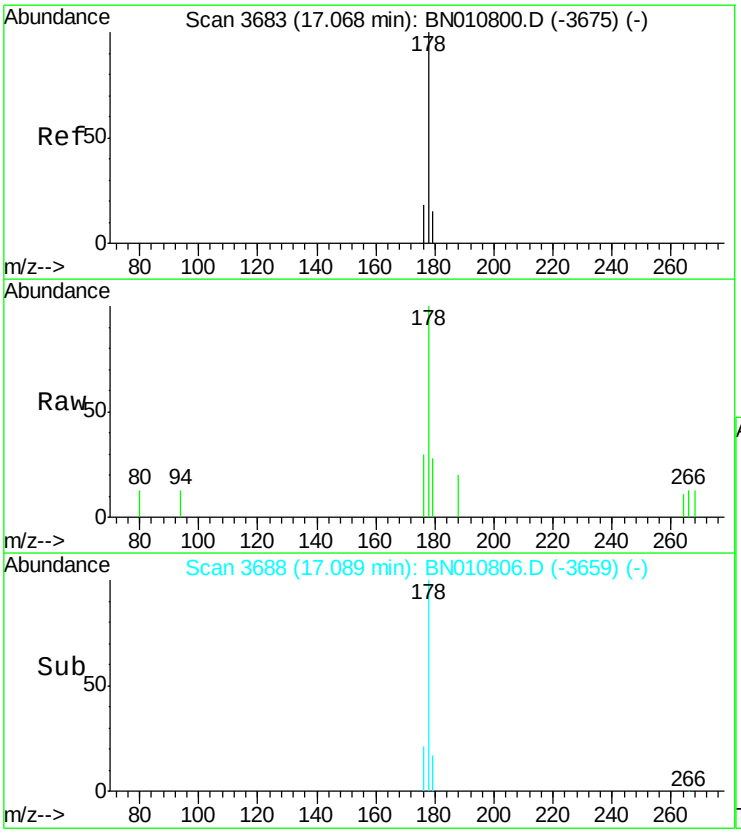
#12
Phenanthrene
Concen: 0.062 ng/ul
RT: 16.98 min Scan# 3663
Delta R.T. 0.01 min
Lab File: BN010806.D
Acq: 08 Jun 2020 13:22

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-07

Tgt Ion:178 Resp: 1165

Ion	Ratio	Lower	Upper
178	100		
179	24.6	13.0	19.6#
176	26.0	15.8	23.8#

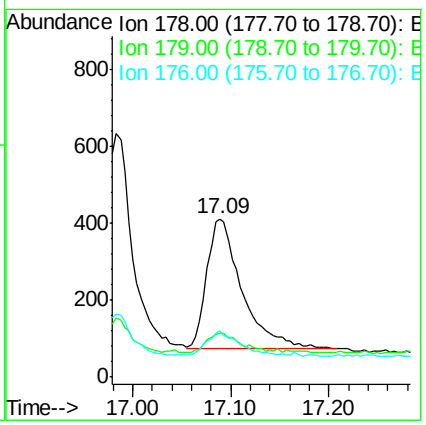


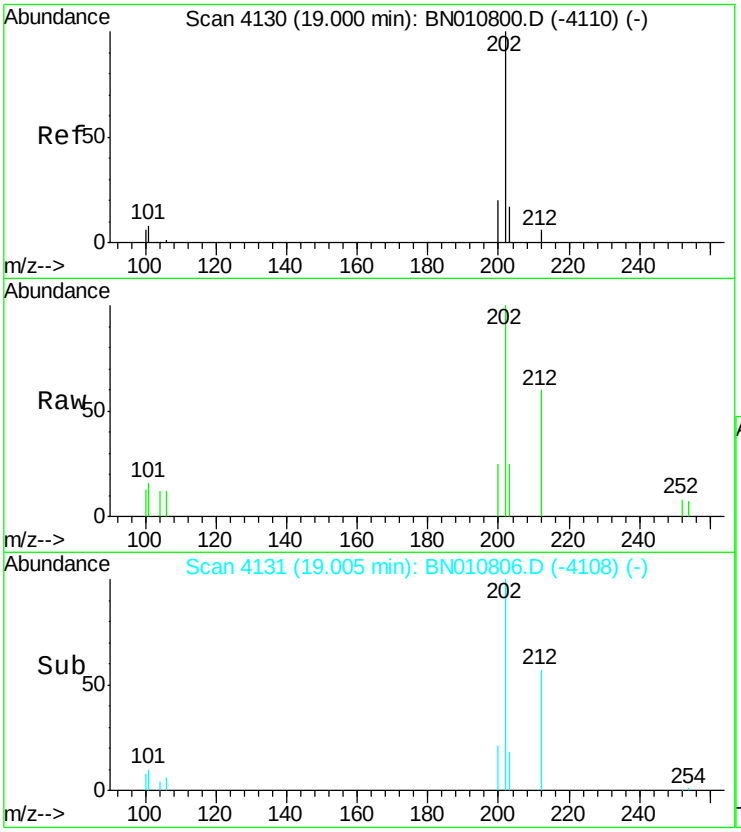


#13
Anthracene
Concen: 0.055 ng/ul
RT: 17.09 min Scan# 3688
Delta R.T. 0.02 min
Lab File: BN010806.D
Acq: 08 Jun 2020 13:22

Tgt Ion:178 Resp: 854

Ion	Ratio	Lower	Upper
178	100		
179	27.7	13.6	20.4#
176	29.6	15.5	23.3#



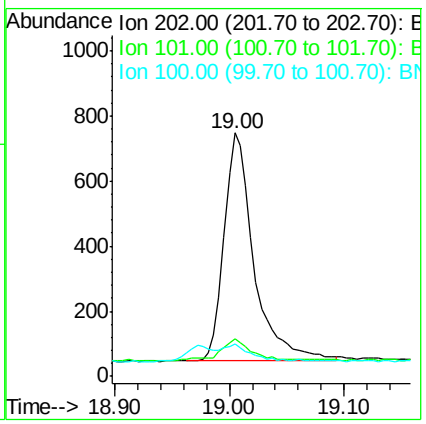


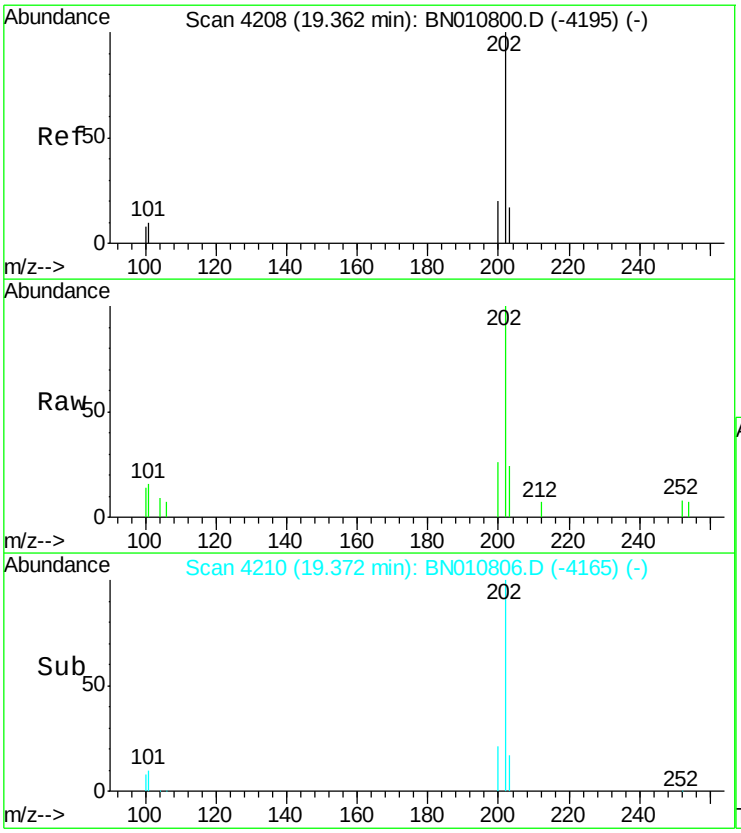
#15
Fluoranthene
Concen: 0.061 ng/ul
RT: 19.00 min Scan# 4131
Delta R.T. 0.00 min
Lab File: BN010806.D
Acq: 08 Jun 2020 13:22

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-07

Tgt Ion:202 Resp: 1277

Ion	Ratio	Lower	Upper
202	100		
101	15.6	0.0	29.8
100	13.4	0.0	28.0

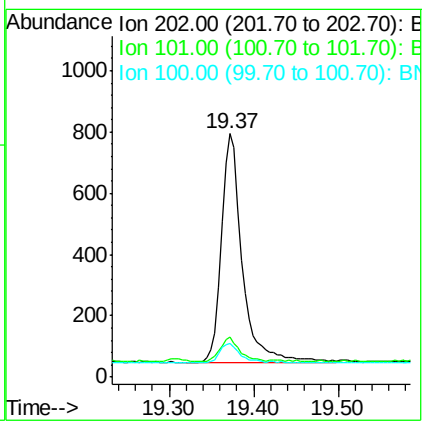


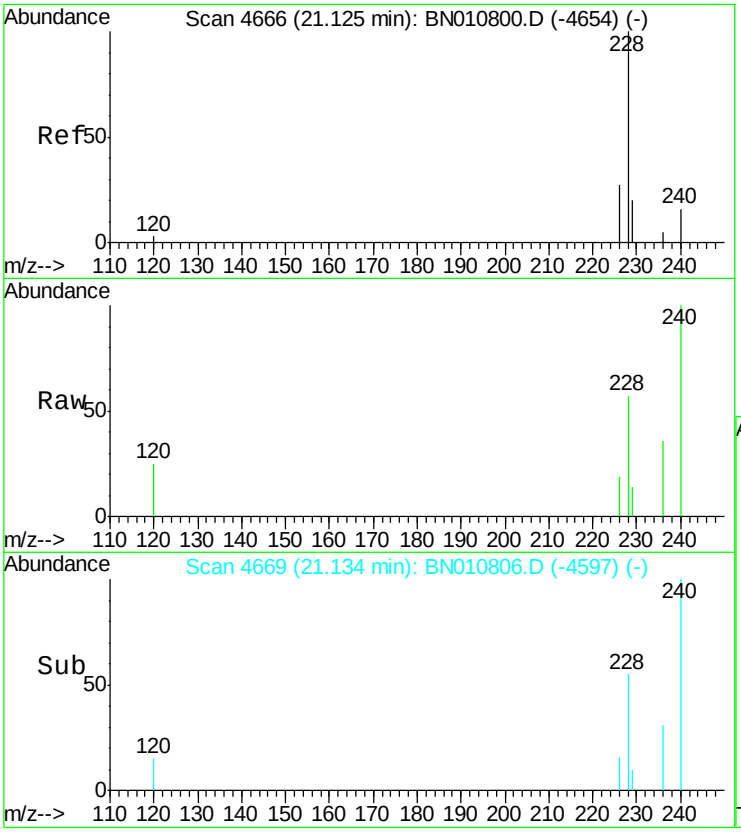


#17
Pyrene
Concen: 0.064 ng/ul
RT: 19.37 min Scan# 4210
Delta R.T. 0.01 min
Lab File: BN010806.D
Acq: 08 Jun 2020 13:22

Tgt Ion:202 Resp: 1312

Ion	Ratio	Lower	Upper
202	100		
101	16.2	8.6	12.8#
100	13.6	7.1	10.7#



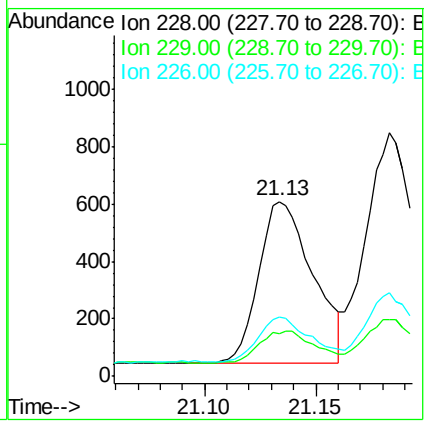


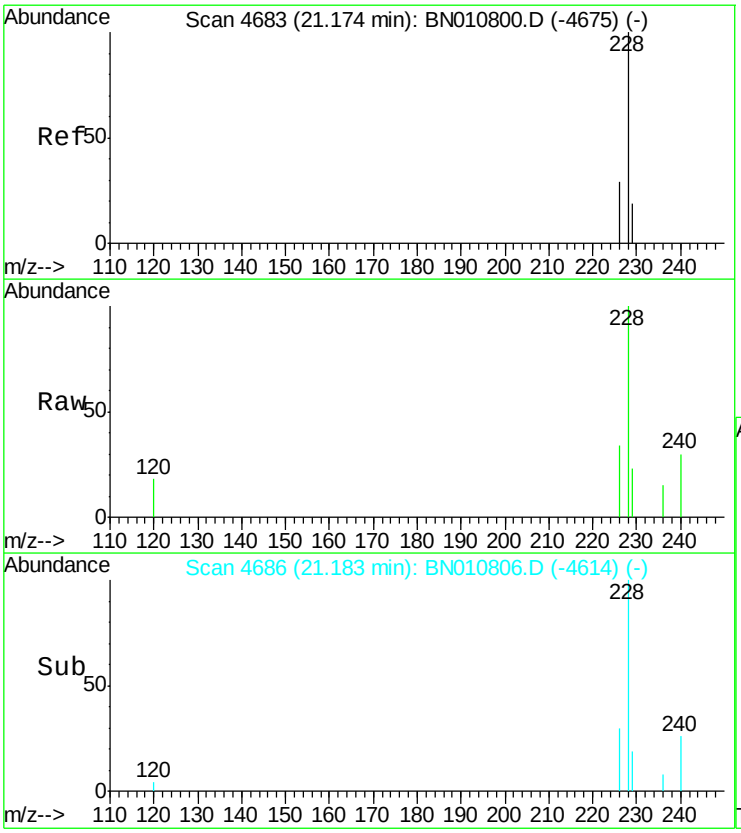
#18
Benzo(a)anthracene
Concen: 0.057 ng/ul
RT: 21.13 min Scan# 4669
Delta R.T. 0.01 min
Lab File: BN010806.D
Acq: 08 Jun 2020 13:22

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-07

Tgt Ion:228 Resp: 957

Ion	Ratio	Lower	Upper
228	100		
229	24.5	16.0	24.0#
226	34.2	22.9	34.3

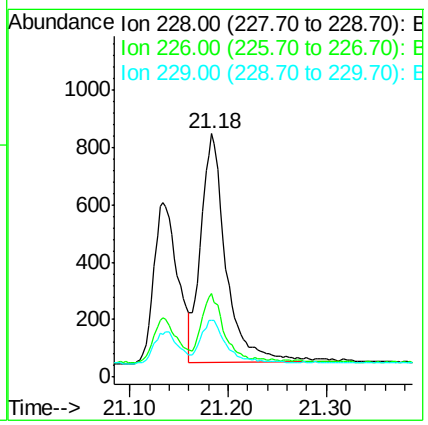


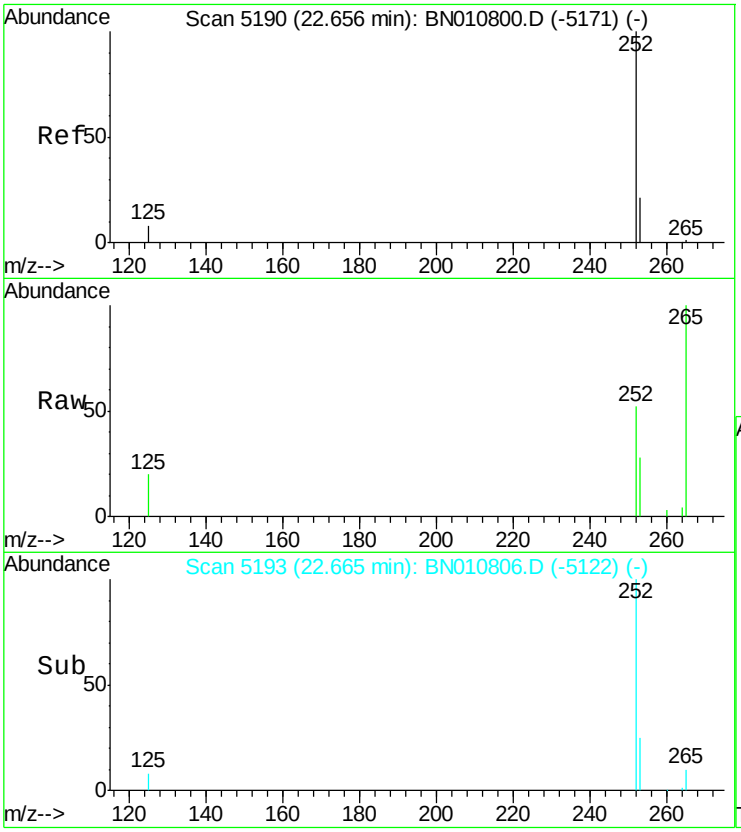


#19
Chrysene
Concen: 0.067 ng/ul
RT: 21.18 min Scan# 4686
Delta R.T. 0.01 min
Lab File: BN010806.D
Acq: 08 Jun 2020 13:22

Tgt Ion:228 Resp: 1420

Ion	Ratio	Lower	Upper
228	100		
226	34.4	23.7	35.5
229	23.4	16.2	24.2



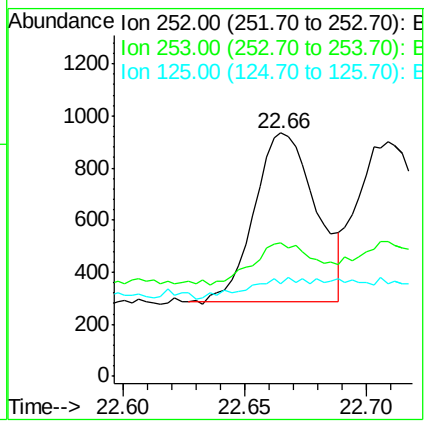


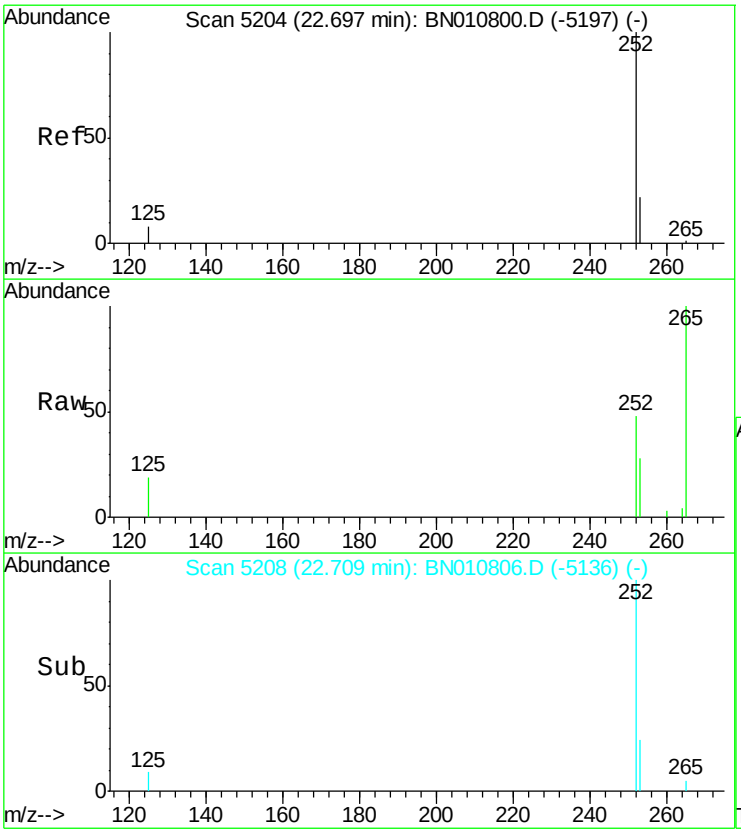
#21
Benzo(b)fluoranthene
Concen: 0.059 ng/ul
RT: 22.66 min Scan# 5193
Delta R.T. 0.01 min
Lab File: BN010806.D
Acq: 08 Jun 2020 13:22

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-07

Tgt Ion:252 Resp: 1138

Ion	Ratio	Lower	Upper
252	100		
253	55.0	0.0	57.6
125	38.2	0.0	29.4#

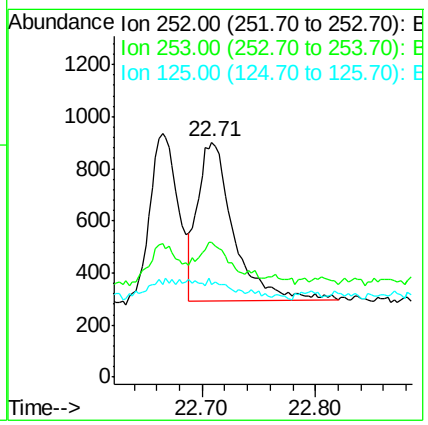


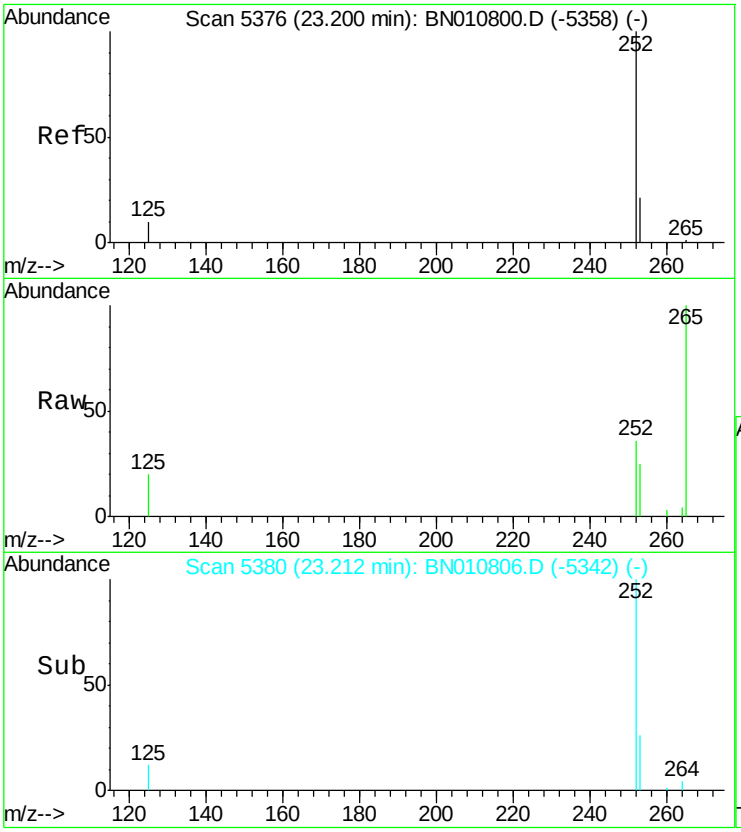


#22
Benzo(k)fluoranthene
Concen: 0.066 ng/ul
RT: 22.71 min Scan# 5208
Delta R.T. 0.01 min
Lab File: BN010806.D
Acq: 08 Jun 2020 13:22

Tgt Ion:252 Resp: 1343

Ion	Ratio	Lower	Upper
252	100		
253	57.2	22.7	34.1#
125	39.4	12.2	18.4#



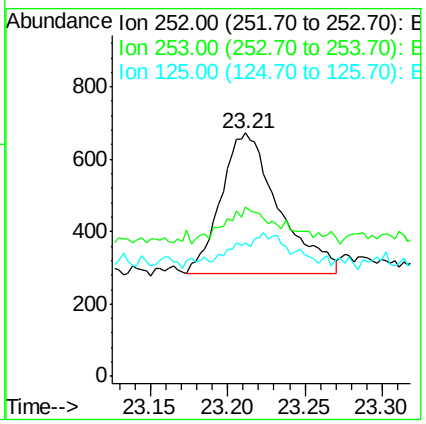


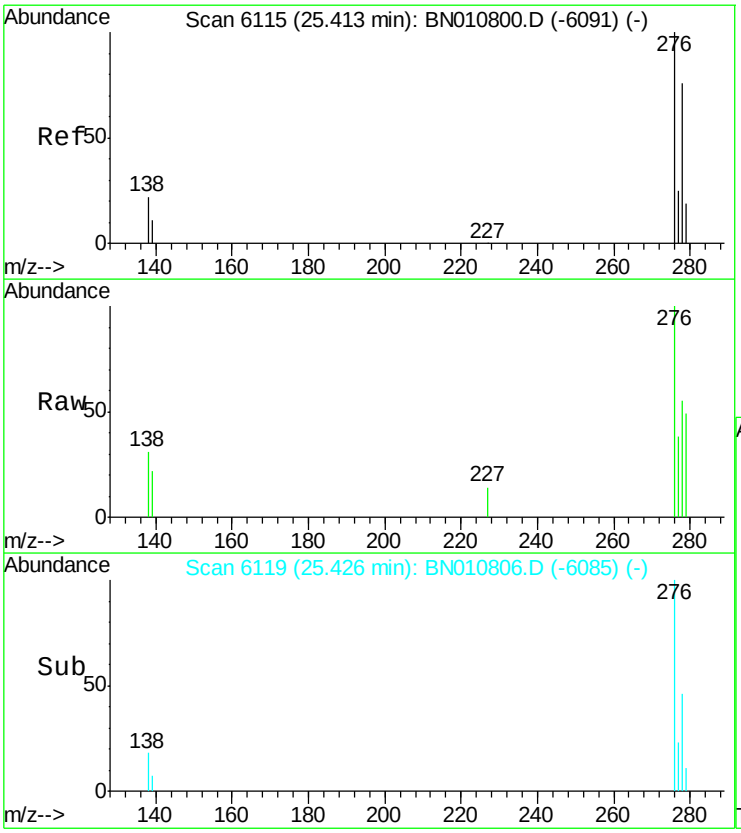
#23
Benzo(a)pyrene
Concen: 0.061 ng/ul
RT: 23.21 min Scan# 5380
Delta R.T. 0.01 min
Lab File: BN010806.D
Acq: 08 Jun 2020 13:22

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-07

Tgt Ion:252 Resp: 995

Ion	Ratio	Lower	Upper
252	100		
253	69.4	26.3	39.5#
125	55.0	16.1	24.1#

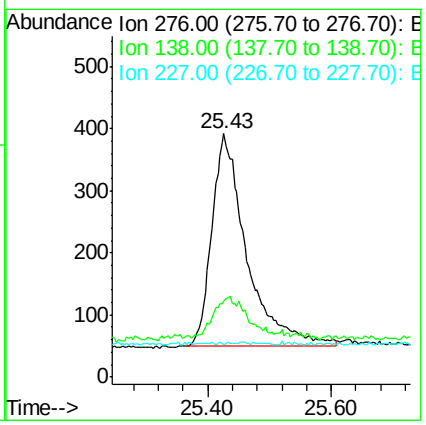


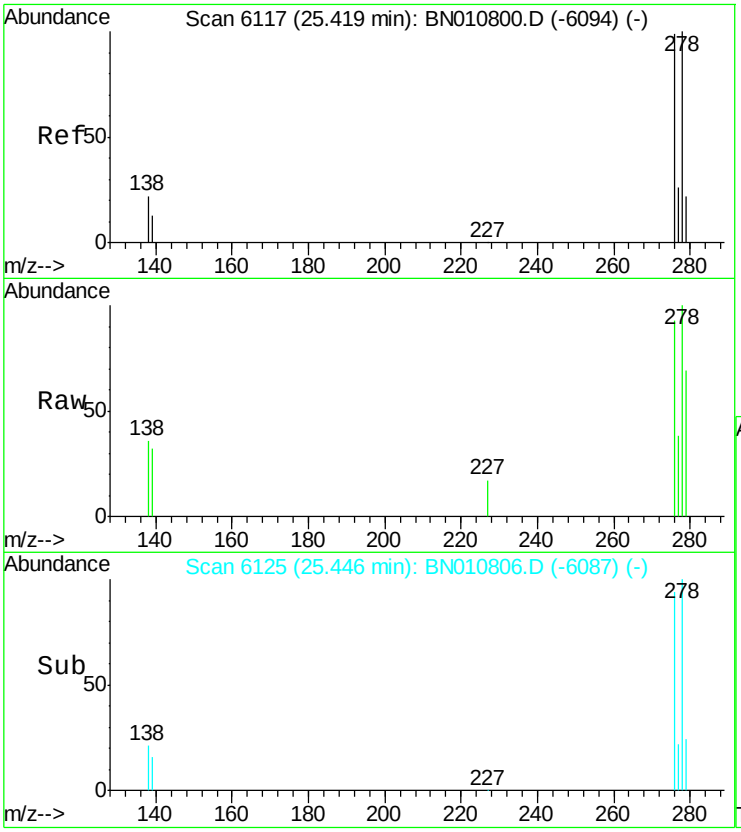


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.060 ng/ul
RT: 25.43 min Scan# 6119
Delta R.T. 0.01 min
Lab File: BN010806.D
Acq: 08 Jun 2020 13:22

Tgt Ion:276 Resp: 1345

Ion	Ratio	Lower	Upper
276	100		
138	18.5	17.6	26.4
227	0.2	0.1	0.1#



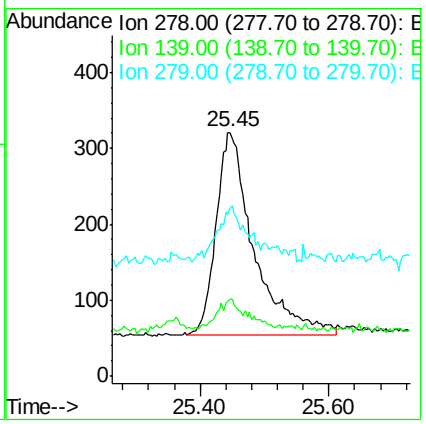


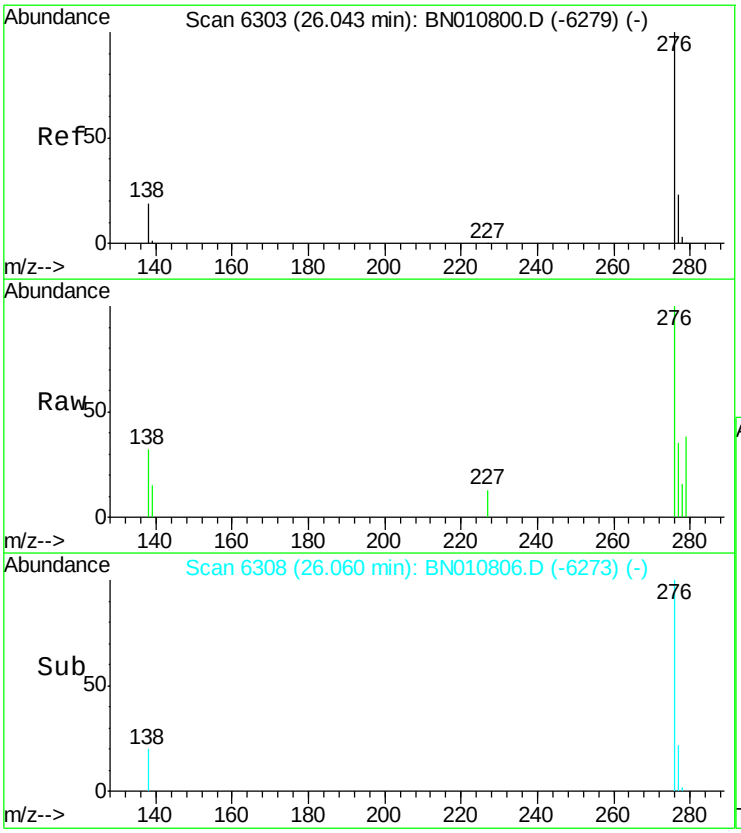
#25
Dibenzo(a,h)anthracene
Concen: 0.060 ng/ul
RT: 25.45 min Scan# 6125
Delta R.T. 0.03 min
Lab File: BN010806.D
Acq: 08 Jun 2020 13:22

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-07

Tgt Ion:278 Resp: 1091

Ion	Ratio	Lower	Upper
278	100		
139	31.8	13.7	20.5#
279	68.8	23.9	35.9#





#26
Benzo(g,h,i)perylene
Concen: 0.062 ng/ul
RT: 26.06 min Scan# 6308
Delta R.T. 0.02 min
Lab File: BN010806.D
Acq: 08 Jun 2020 13:22

Tgt Ion:276 Resp: 1281

Ion	Ratio	Lower	Upper
276	100		
138	32.2	17.5	26.3#
277	35.3	20.7	31.1#