Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110520\
Data File : BM027716.D
Acq On : 05 Nov 2020 13:37
Operator : JU/CG
Sample : L4485-03
Misc : SFAM-SIM-MDL-S-03
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-SOIL-03

Quant Time: Nov 05 14:19:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM110520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 05 04:58:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	276	0.40	ng/ul	0.00
4) Naphthalene-d8	11.24	136	926	0.40	ng/ul	0.00
9) Acenaphthene-d10	15.01	164	556	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.72	188	1242	0.40	ng/ul	0.00
19) Chrysene-d12	21.82	240	1142	0.40	ng/ul	0.00
23) Perylene-d12	24.27	264	1039	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	173	0.61	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.80	152	482	0.31	ng/ul	0.00
17) Fluoranthene-d10	19.71	212	1092	0.33	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	34	0.112	ng/ul#	84
5) Naphthalene	11.29	128	181	0.069	ng/ul#	49
7) 2-Methylnaphthalene	12.87	142	127	0.070	ng/ul	97
8) 1-Methylnaphthalene	13.09	142	118	0.069	ng/ul	97
10) Acenaphthylene	14.73	152	166	0.067	ng/ul#	58
11) Acenaphthene	15.07	153	132	0.070	ng/ul#	85
12) Fluorene	16.04	166	156	0.070	ng/ul#	89
14) Pentachlorophenol	17.37	266	33	0.081	ng/ul#	86
15) Phenanthrene	17.76	178	259	0.071	ng/ul#	72
16) Anthracene	17.85	178	248	0.070	ng/ul#	63
18) Fluoranthene	19.74	202	324	0.077	ng/ul#	64
20) Pyrene	20.09	202	325	0.073	ng/ul#	67
21) Benzo(a)anthracene	21.80	228	331	0.079	ng/ul#	78
22) Chrysene	21.86	228	338	0.079	ng/ul#	83
24) Benzo(b)fluoranthene	23.52	252	325	0.078	ng/ul#	51
25) Benzo(k)fluoranthene	23.57	252	344	0.083	ng/ul#	56
26) Benzo(a)pyrene	24.16	252	272	0.072	ng/ul#	44
27) Indeno(1,2,3-cd)pyrene	26.80	276	336	0.076	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.81	278	277	0.075	ng/ul#	40
29) Benzo(g,h,i)perylene	27.59	276	287	0.077	ng/ul#	54

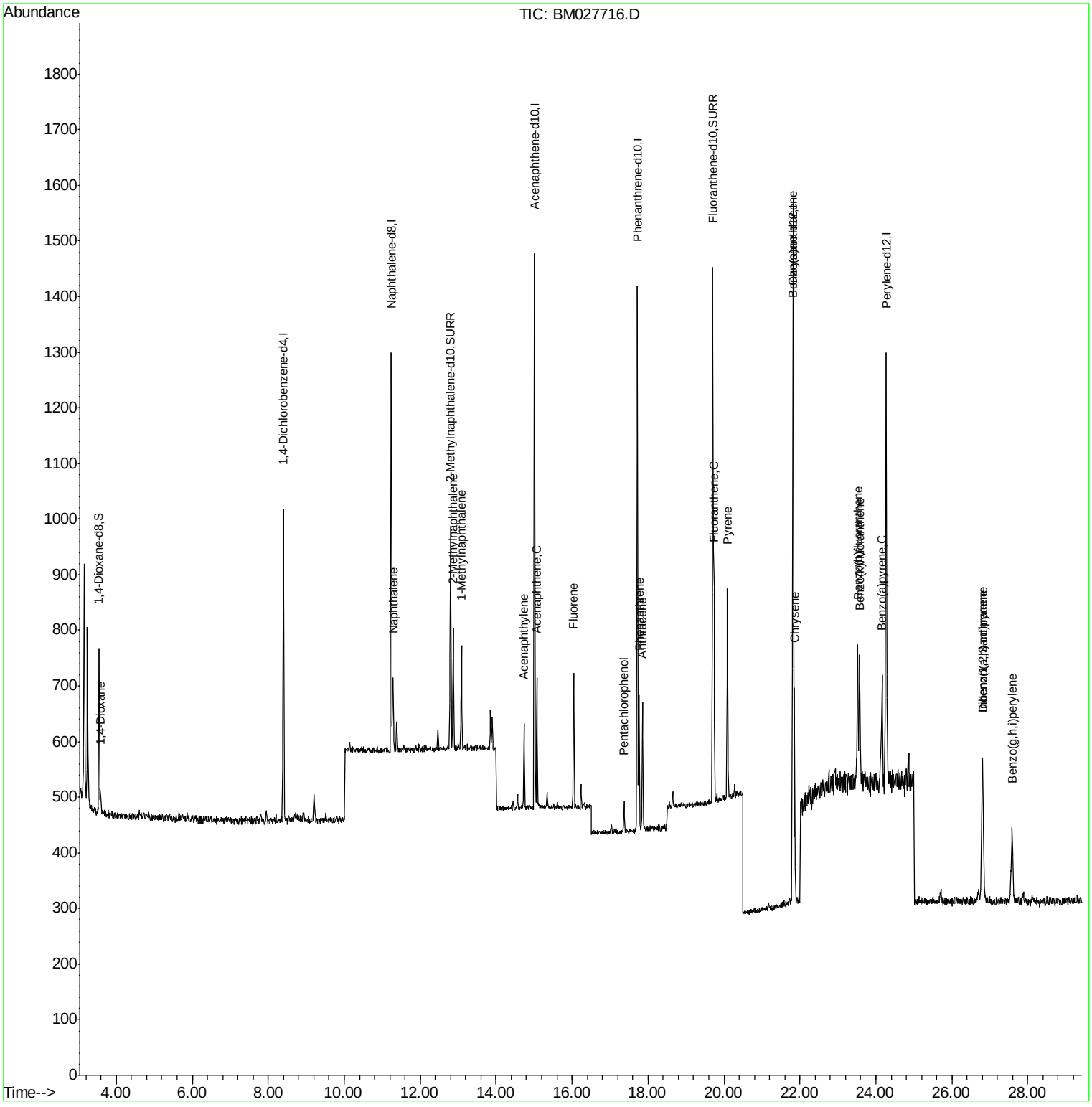
(#) = qualifier out of range (m) = manual integration (+) = signals summed

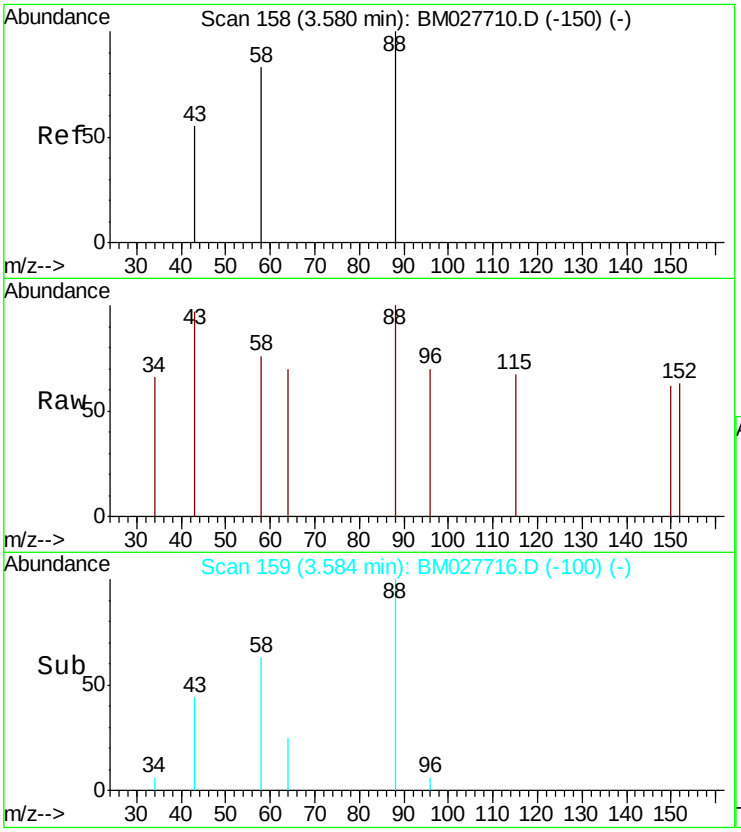
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110520\
Data File : BM027716.D
Acq On : 05 Nov 2020 13:37
Operator : JU/CG
Sample : L4485-03
Misc : SFAM-SIM-MDL-S-03
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

Quant Time: Nov 05 14:19:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM110520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 05 04:58:48 2020
Response via : Initial Calibration



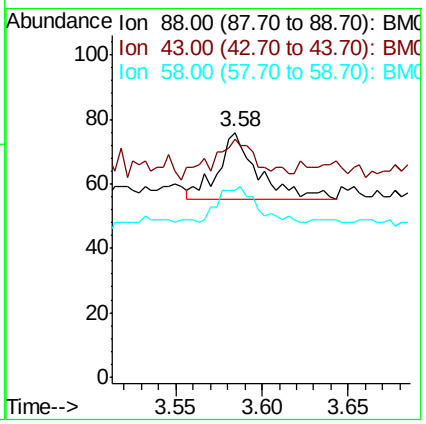


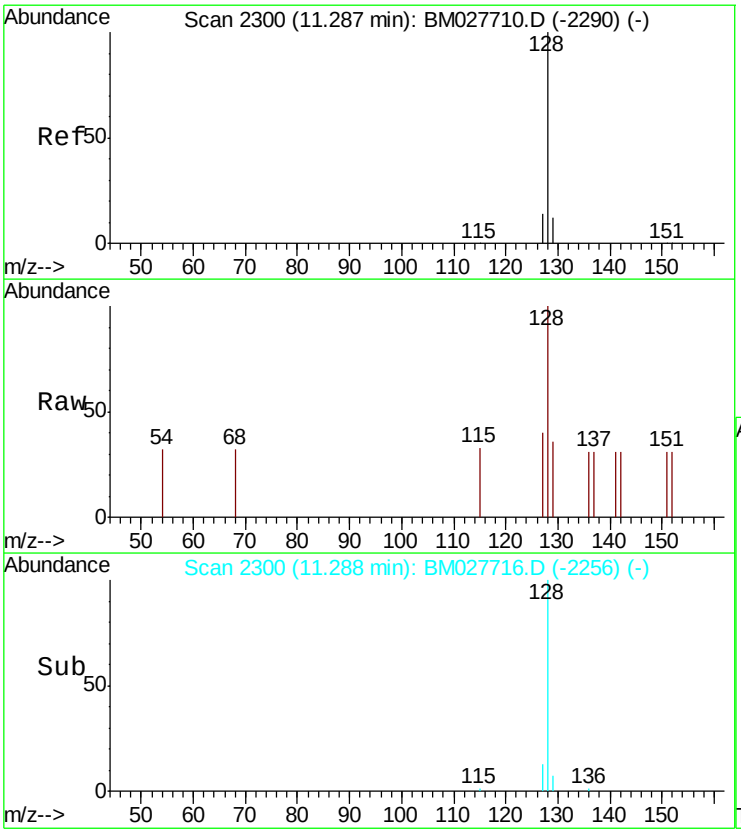
#2
1,4-Dioxane
Concen: 0.112 ng/ul
RT: 3.58 min Scan# 159
Delta R.T. 0.00 min
Lab File: BM027716.D
Acq: 05 Nov 2020 13:37

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

Tgt Ion: 88 Resp: 34

Ion	Ratio	Lower	Upper
88	100		
43	97.4	61.8	92.6#
58	76.3	67.8	101.8

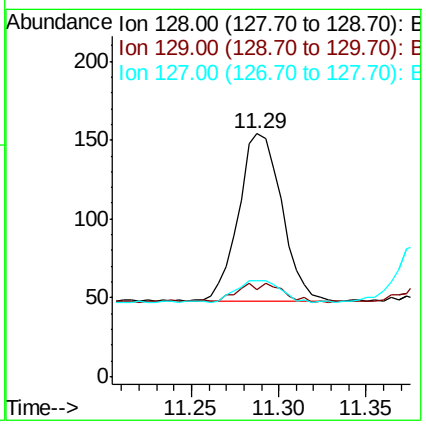


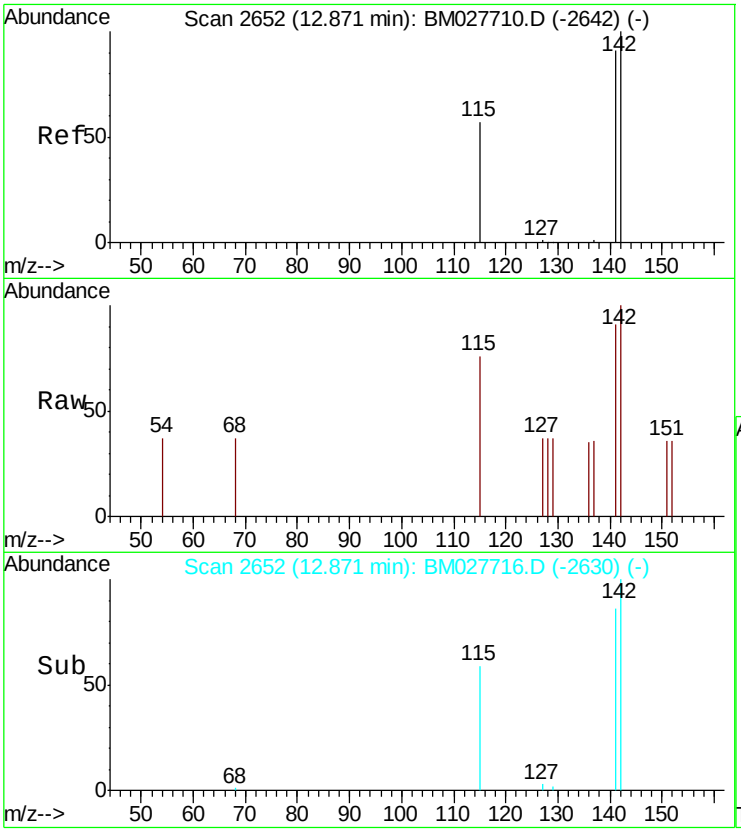


#5
Naphthalene
Concen: 0.069 ng/ul
RT: 11.29 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BM027716.D
Acq: 05 Nov 2020 13:37

Tgt Ion:128 Resp: 181

Ion	Ratio	Lower	Upper
128	100		
129	35.7	11.7	17.5#
127	39.6	14.0	21.0#



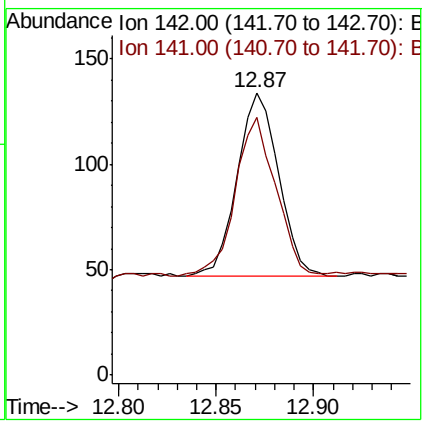


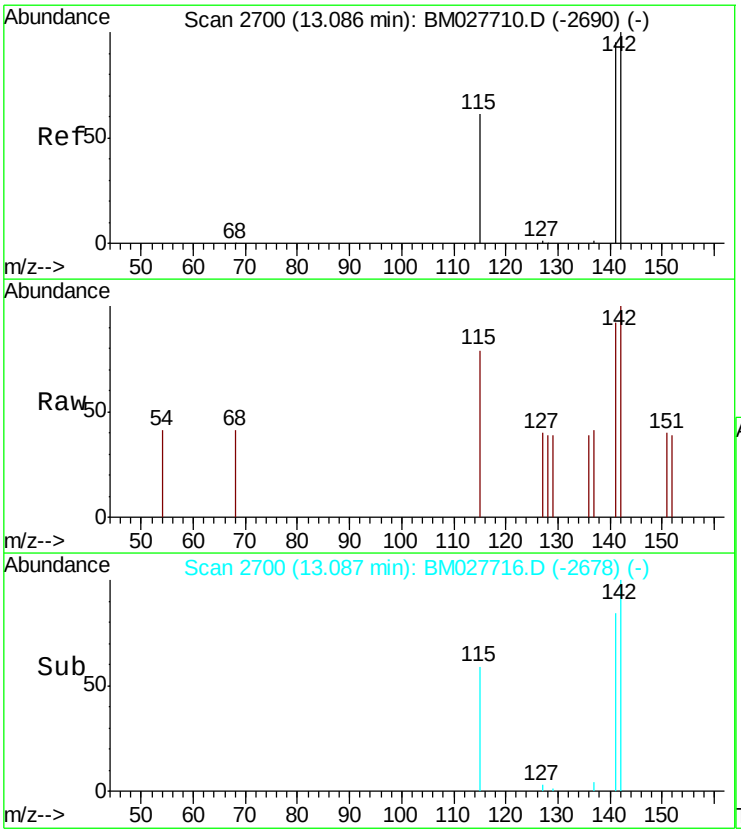
#7
2-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 12.87 min Scan# 2652
Delta R.T. 0.00 min
Lab File: BM027716.D
Acq: 05 Nov 2020 13:37

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

Tgt Ion:142 Resp: 127

Ion	Ratio	Lower	Upper
142	100		
141	85.8	71.2	106.8

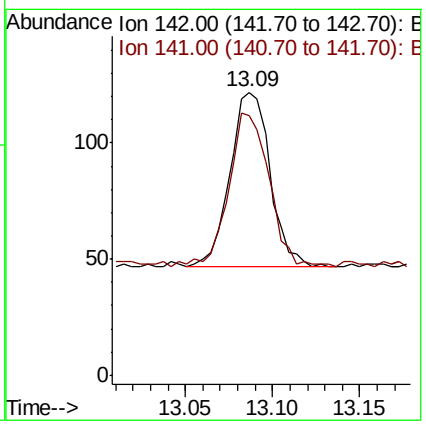


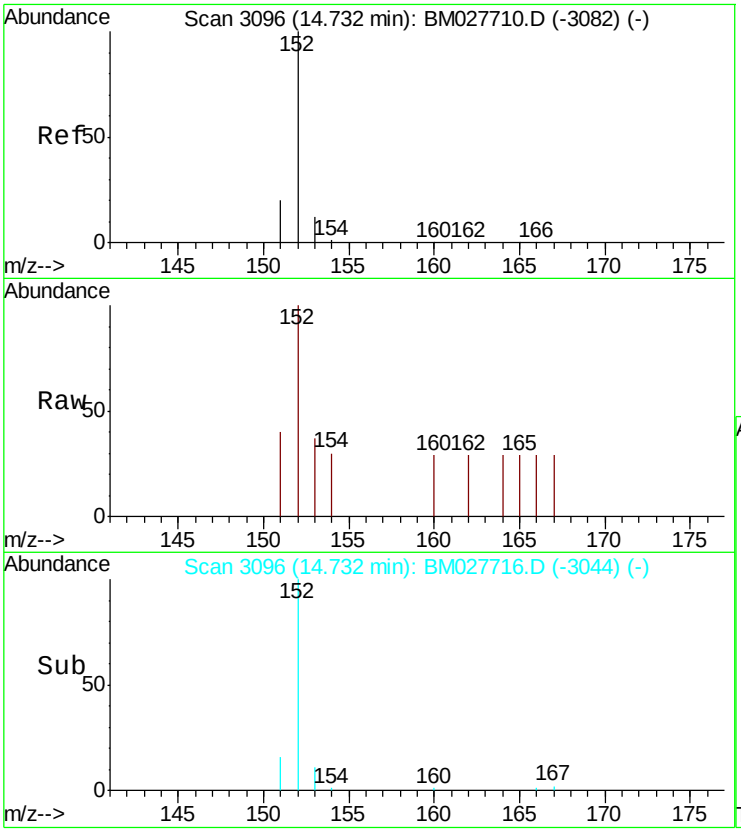


#8
1-Methylnaphthalene
Concen: 0.069 ng/ul
RT: 13.09 min Scan# 2700
Delta R.T. 0.00 min
Lab File: BM027716.D
Acq: 05 Nov 2020 13:37

Tgt Ion:142 Resp: 118

Ion	Ratio	Lower	Upper
142	100		
141	89.8	74.1	111.1



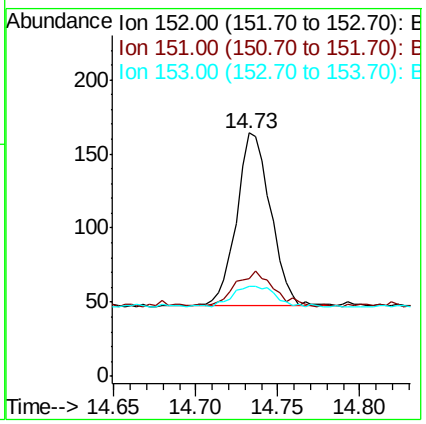


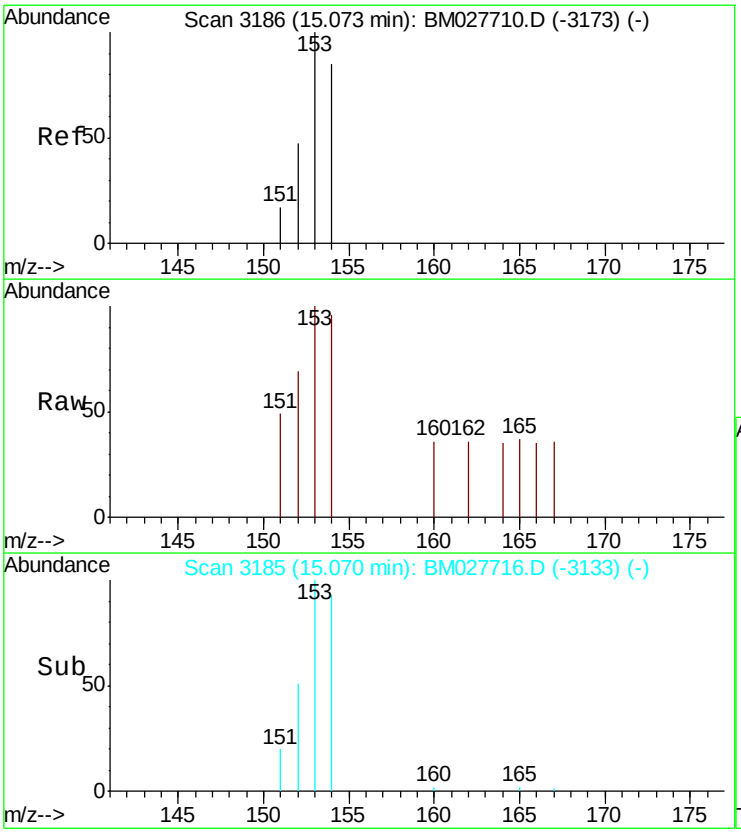
#10
Acenaphthylene
Concen: 0.067 ng/ul
RT: 14.73 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BM027716.D
Acq: 05 Nov 2020 13:37

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

Tgt Ion:152 Resp: 166

Ion	Ratio	Lower	Upper
152	100		
151	40.2	17.8	26.8#
153	37.2	13.5	20.3#

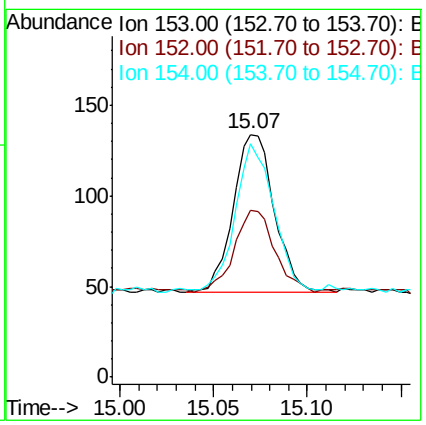


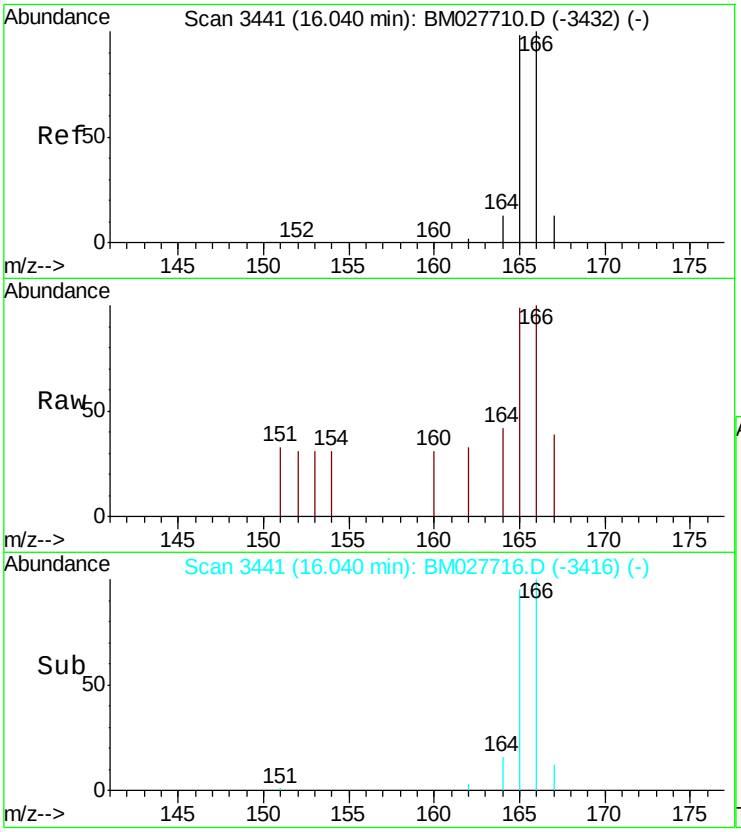


#11
Acenaphthene
Concen: 0.070 ng/ul
RT: 15.07 min Scan# 3185
Delta R.T. -0.00 min
Lab File: BM027716.D
Acq: 05 Nov 2020 13:37

Tgt Ion:153 Resp: 132

Ion	Ratio	Lower	Upper
153	100		
152	68.7	40.6	60.8#
154	96.3	71.0	106.4



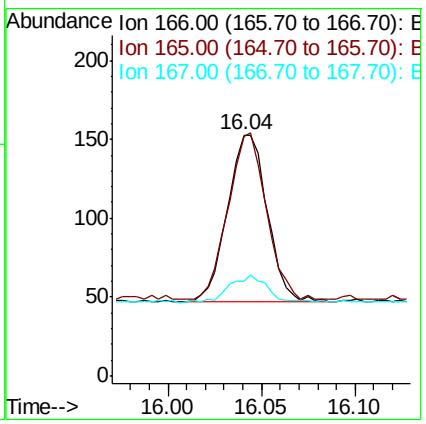


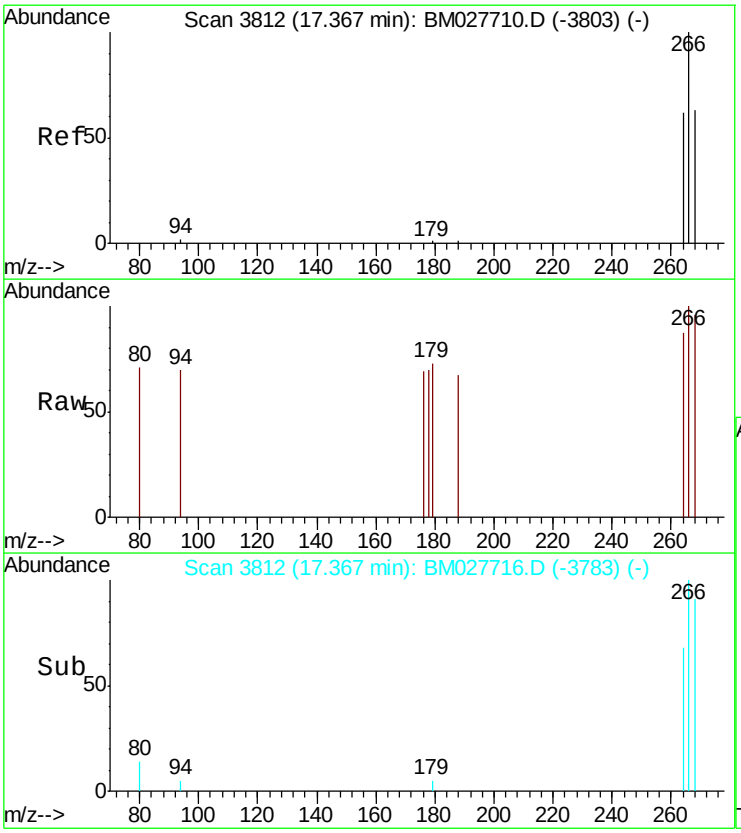
#12
Fluorene
Concen: 0.070 ng/ul
RT: 16.04 min Scan# 3441
Delta R.T. -0.00 min
Lab File: BM027716.D
Acq: 05 Nov 2020 13:37

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

Tgt Ion:166 Resp: 156

Ion	Ratio	Lower	Upper
166	100		
165	99.3	76.2	114.4
167	39.2	13.7	20.5#

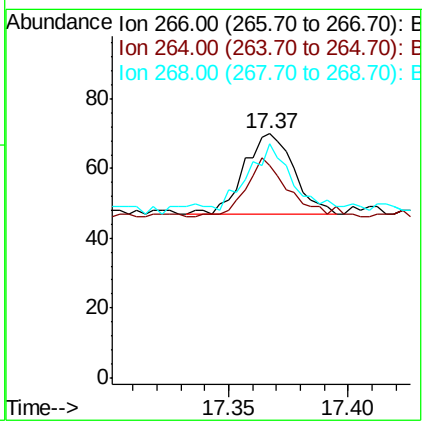


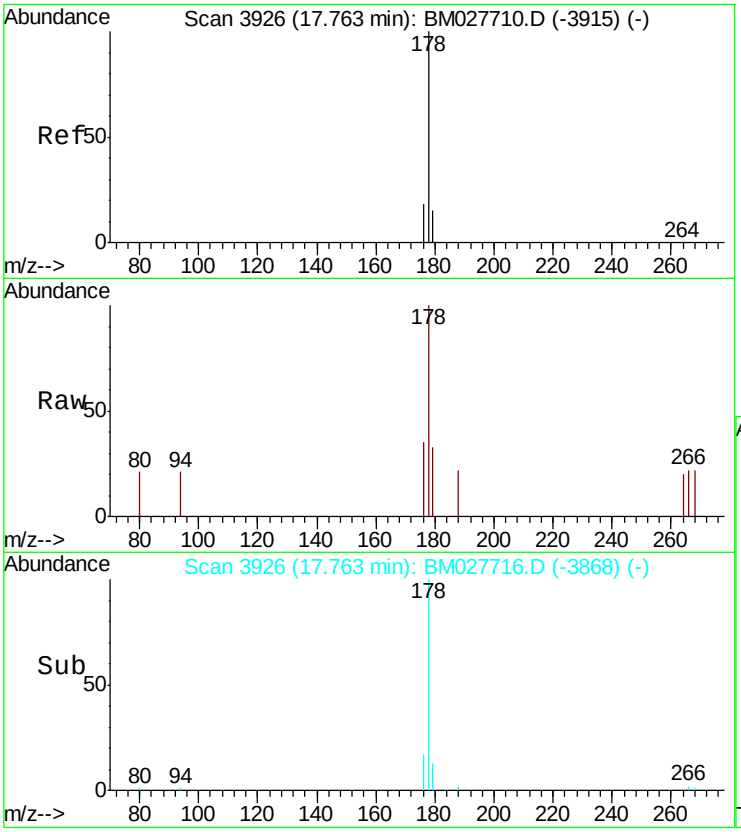


#14
Pentachlorophenol
Concen: 0.081 ng/ul
RT: 17.37 min Scan# 3812
Delta R.T. 0.00 min
Lab File: BM027716.D
Acq: 05 Nov 2020 13:37

Tgt Ion:266 Resp: 33

Ion	Ratio	Lower	Upper
266	100		
264	66.7	48.2	72.4
268	81.8	53.4	80.0#



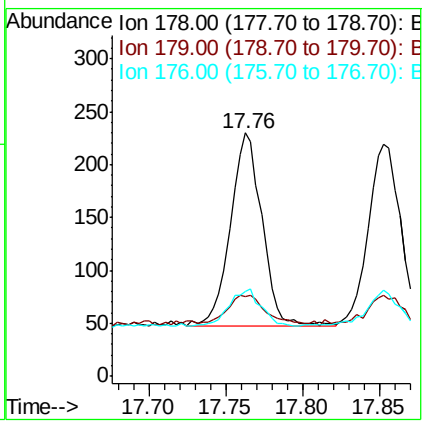


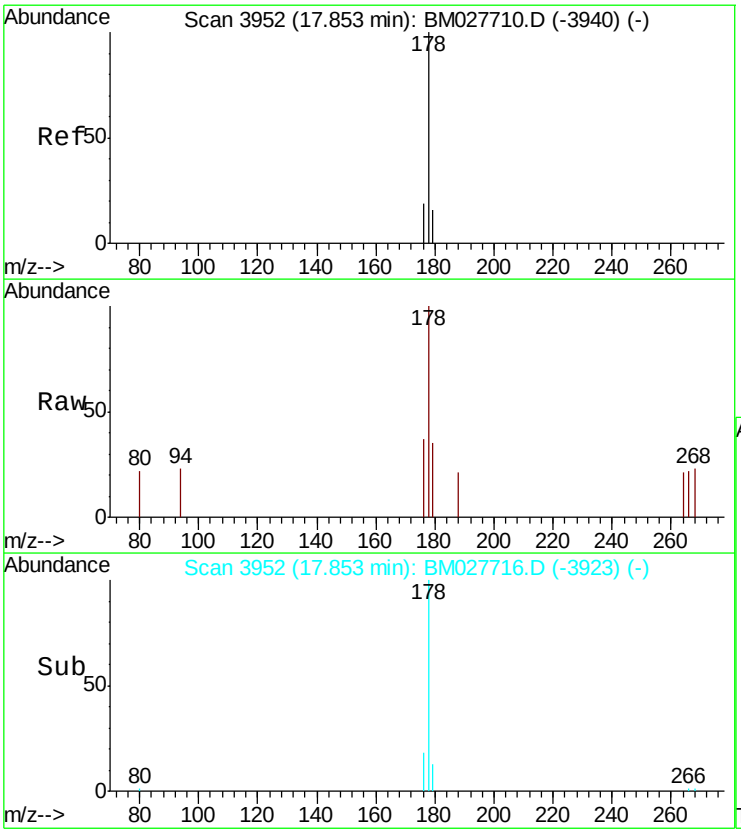
#15
Phenanthrene
Concen: 0.071 ng/ul
RT: 17.76 min Scan# 3926
Delta R.T. 0.00 min
Lab File: BM027716.D
Acq: 05 Nov 2020 13:37

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

Tgt Ion:178 Resp: 259

Ion	Ratio	Lower	Upper
178	100		
179	32.6	14.6	22.0#
176	34.8	18.2	27.2#

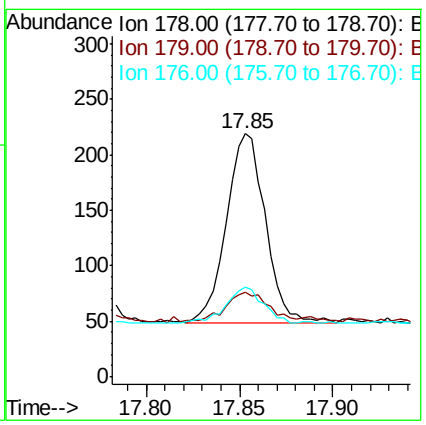


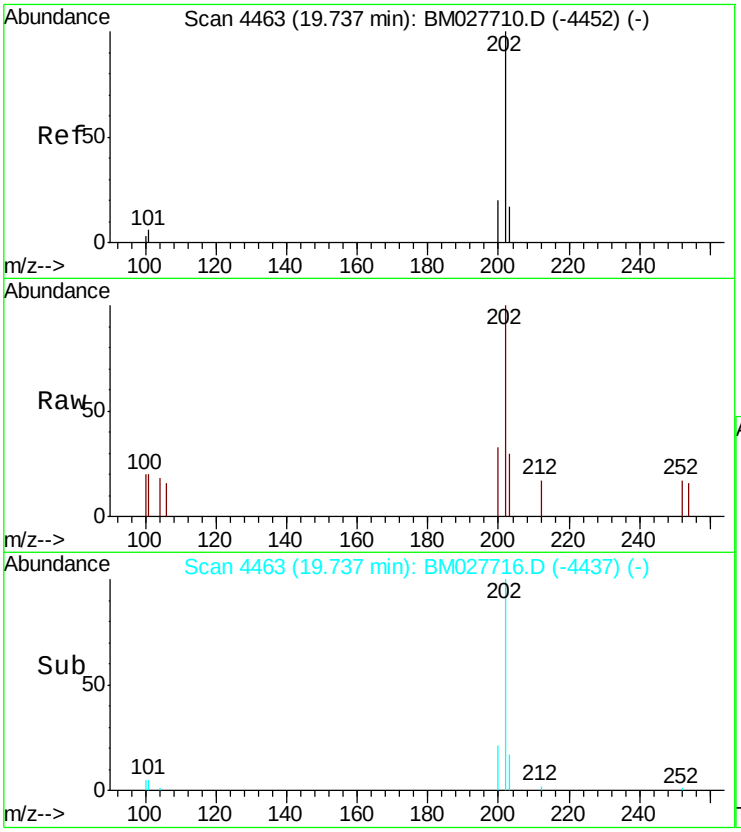


#16
Anthracene
Concen: 0.070 ng/ul
RT: 17.85 min Scan# 3952
Delta R.T. 0.00 min
Lab File: BM027716.D
Acq: 05 Nov 2020 13:37

Tgt Ion:178 Resp: 248

Ion	Ratio	Lower	Upper
178	100		
179	34.7	14.1	21.1#
176	37.0	16.3	24.5#



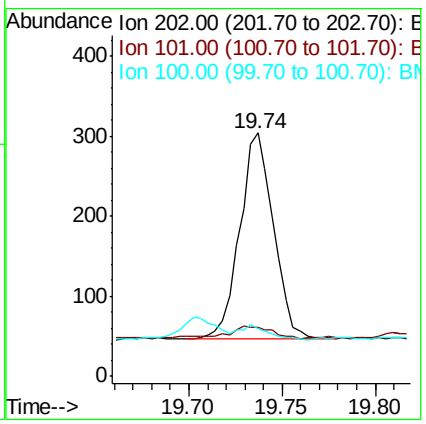


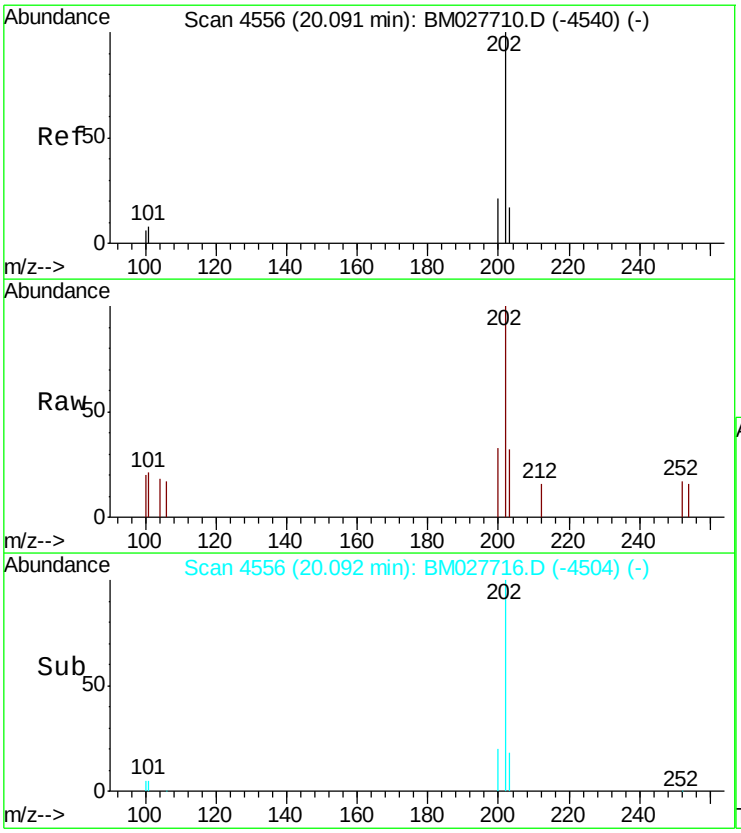
#18
Fluoranthene
Concen: 0.077 ng/ul
RT: 19.74 min Scan# 4463
Delta R.T. 0.00 min
Lab File: BM027716.D
Acq: 05 Nov 2020 13:37

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

Tgt Ion:202 Resp: 324

Ion	Ratio	Lower	Upper
202	100		
101	20.4	6.1	9.1#
100	19.7	5.8	8.6#

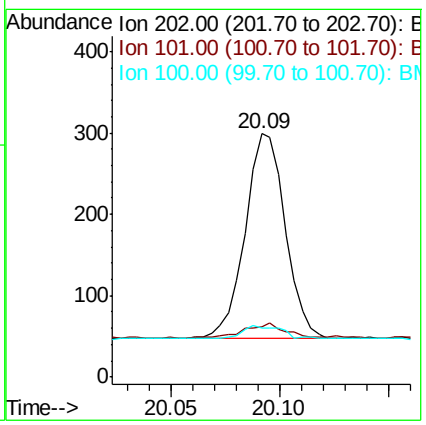


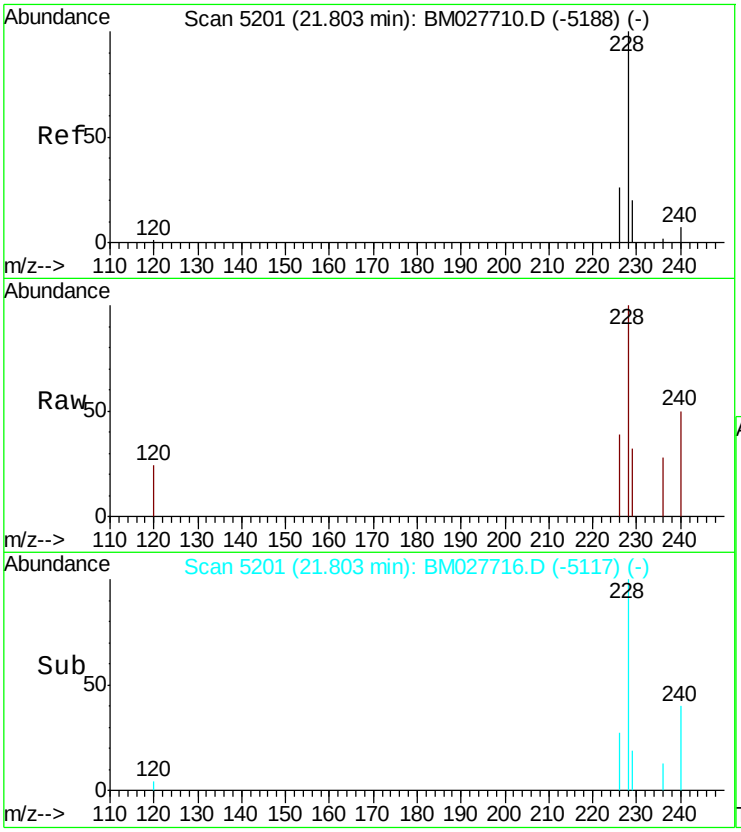


#20
Pyrene
Concen: 0.073 ng/ul
RT: 20.09 min Scan# 4556
Delta R.T. 0.00 min
Lab File: BM027716.D
Acq: 05 Nov 2020 13:37

Tgt Ion:202 Resp: 325

Ion	Ratio	Lower	Upper
202	100		
101	20.7	7.4	11.0#
100	20.1	6.6	9.8#



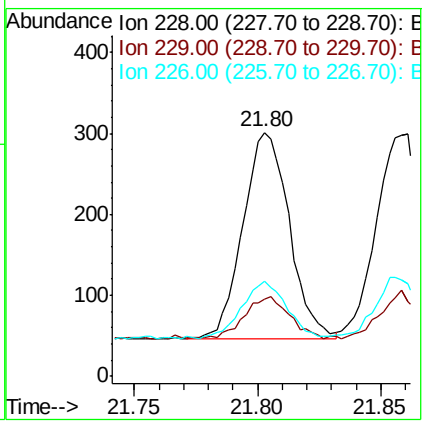


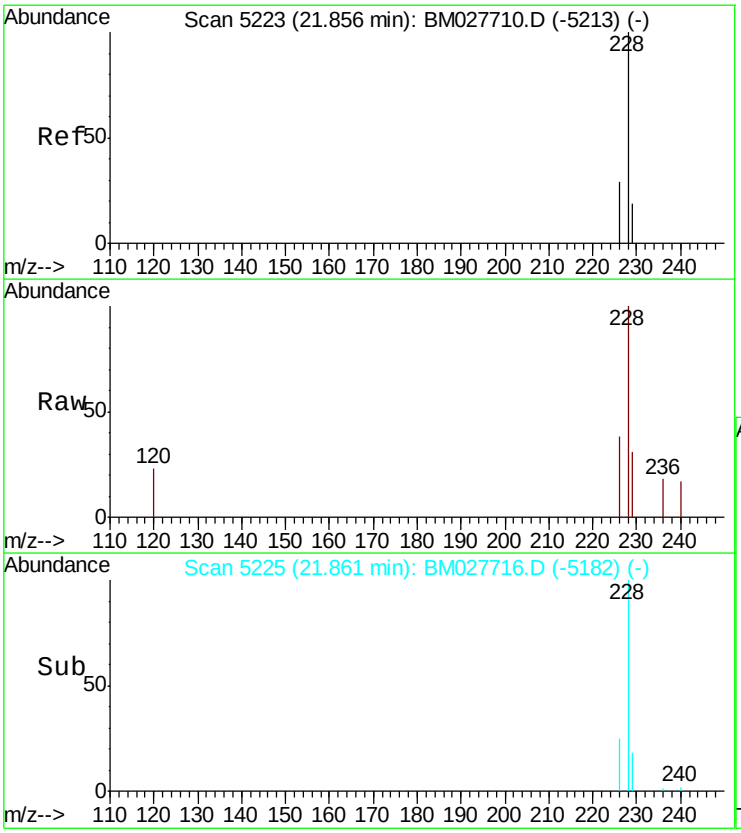
#21
Benzo(a)anthracene
Concen: 0.079 ng/ul
RT: 21.80 min Scan# 5201
Delta R.T. 0.00 min
Lab File: BM027716.D
Acq: 05 Nov 2020 13:37

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

Tgt Ion:228 Resp: 331

Ion	Ratio	Lower	Upper
228	100		
229	31.6	17.0	25.4#
226	38.9	22.0	33.0#

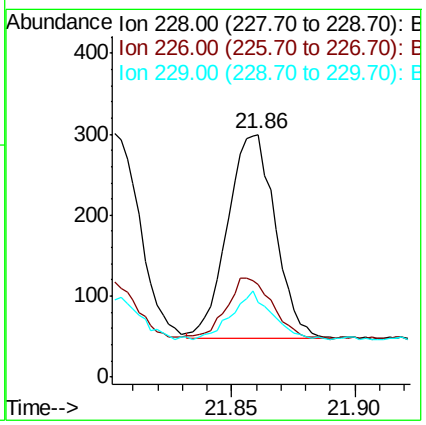


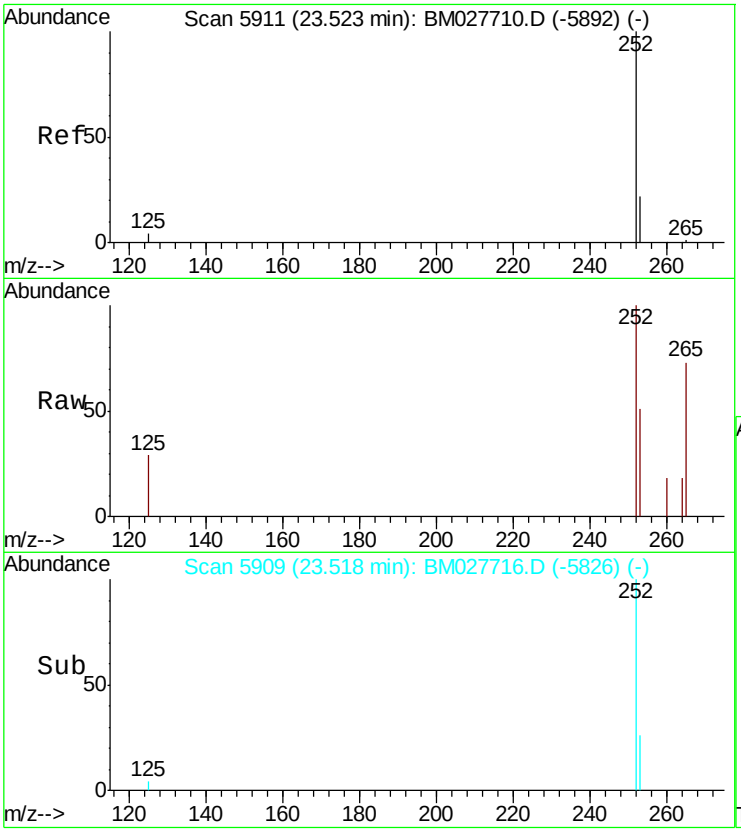


#22
Chrysene
Concen: 0.079 ng/ul
RT: 21.86 min Scan# 5225
Delta R.T. 0.00 min
Lab File: BM027716.D
Acq: 05 Nov 2020 13:37

Tgt Ion:228 Resp: 338

Ion	Ratio	Lower	Upper
228	100		
226	38.0	24.0	36.0#
229	30.7	16.9	25.3#



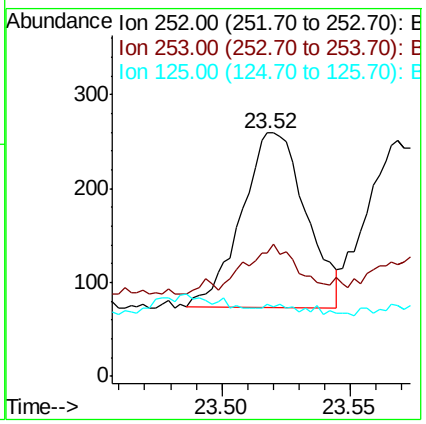


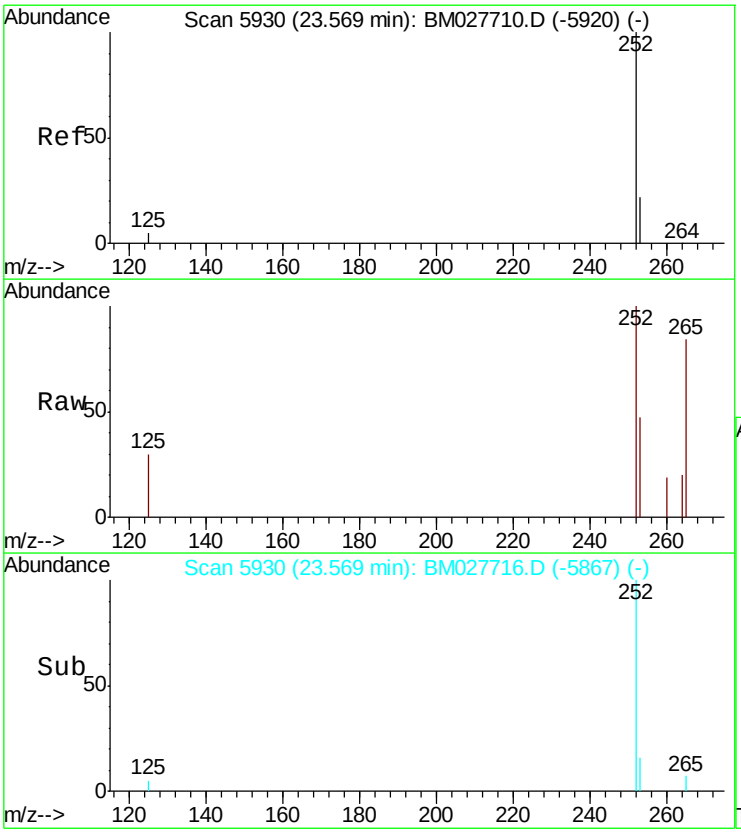
#24
Benzo(b)fluoranthene
Concen: 0.078 ng/ul
RT: 23.52 min Scan# 5909
Delta R.T. 0.00 min
Lab File: BM027716.D
Acq: 05 Nov 2020 13:37

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

Tgt Ion:252 Resp: 325

Ion	Ratio	Lower	Upper
252	100		
253	50.6	0.0	53.0
125	29.3	0.0	17.6#

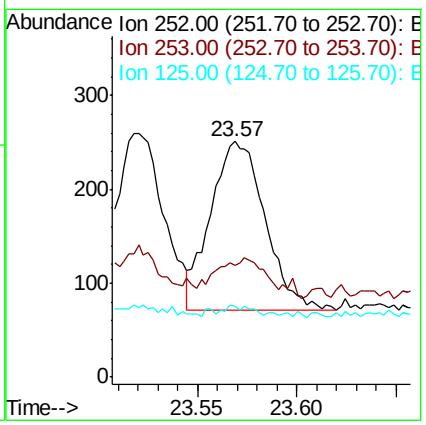


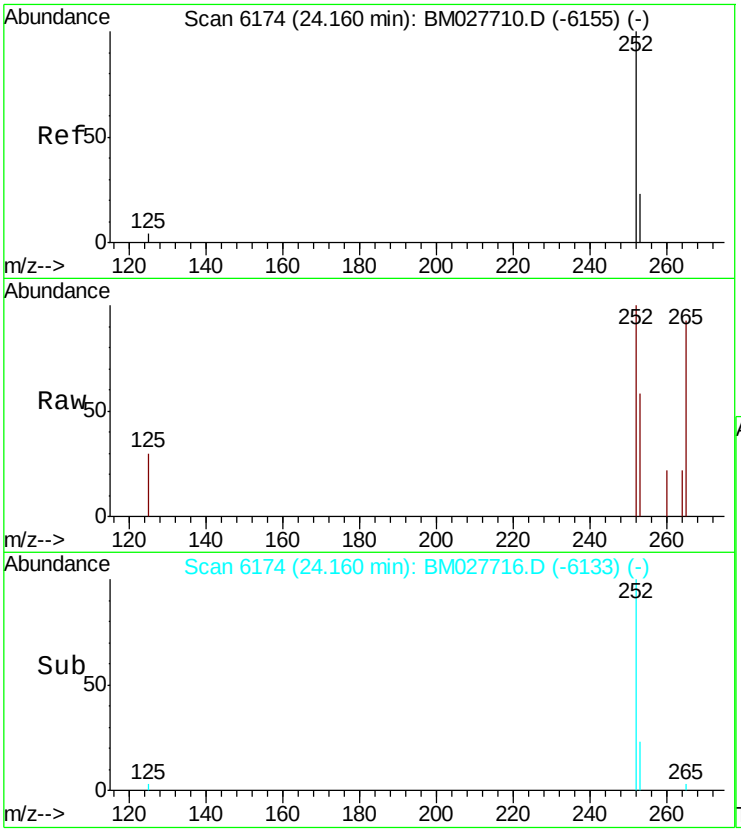


#25
Benzo(k)fluoranthene
Concen: 0.083 ng/ul
RT: 23.57 min Scan# 5930
Delta R.T. 0.00 min
Lab File: BM027716.D
Acq: 05 Nov 2020 13:37

Tgt Ion:252 Resp: 344

Ion	Ratio	Lower	Upper
252	100		
253	47.4	21.4	32.2#
125	29.9	7.4	11.0#



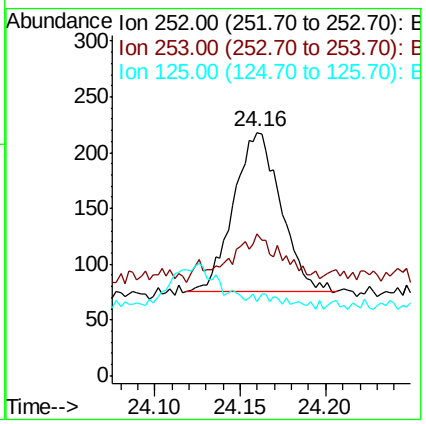


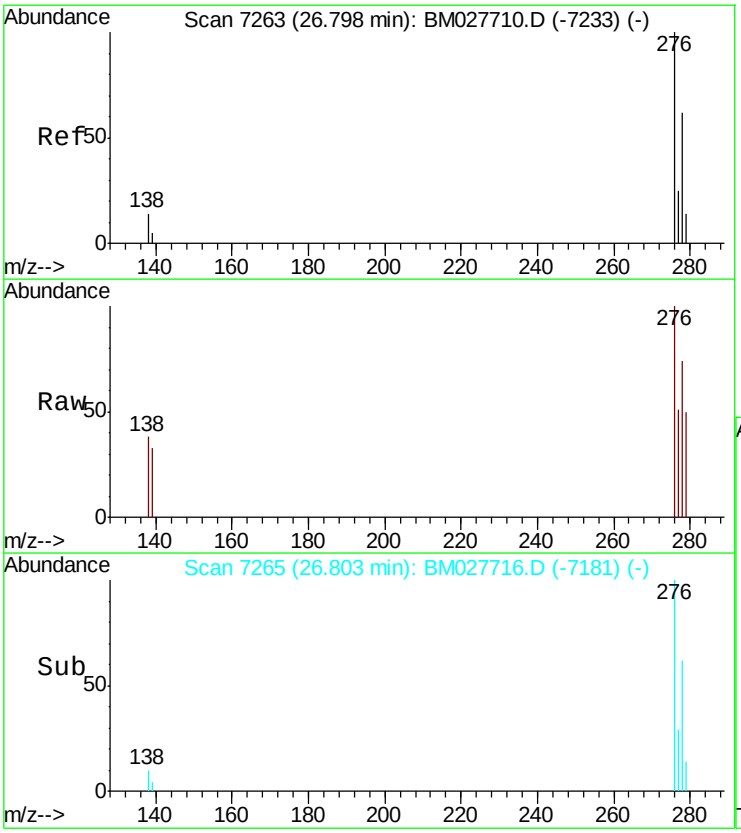
#26
Benzo(a)pyrene
Concen: 0.072 ng/ul
RT: 24.16 min Scan# 6174
Delta R.T. 0.00 min
Lab File: BM027716.D
Acq: 05 Nov 2020 13:37

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

Tgt Ion:252 Resp: 272

Ion	Ratio	Lower	Upper
252	100		
253	58.3	22.3	33.5#
125	30.3	8.8	13.2#

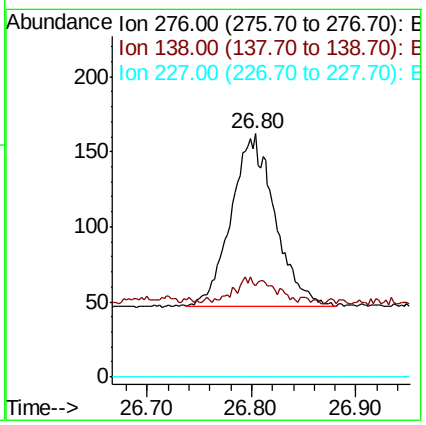


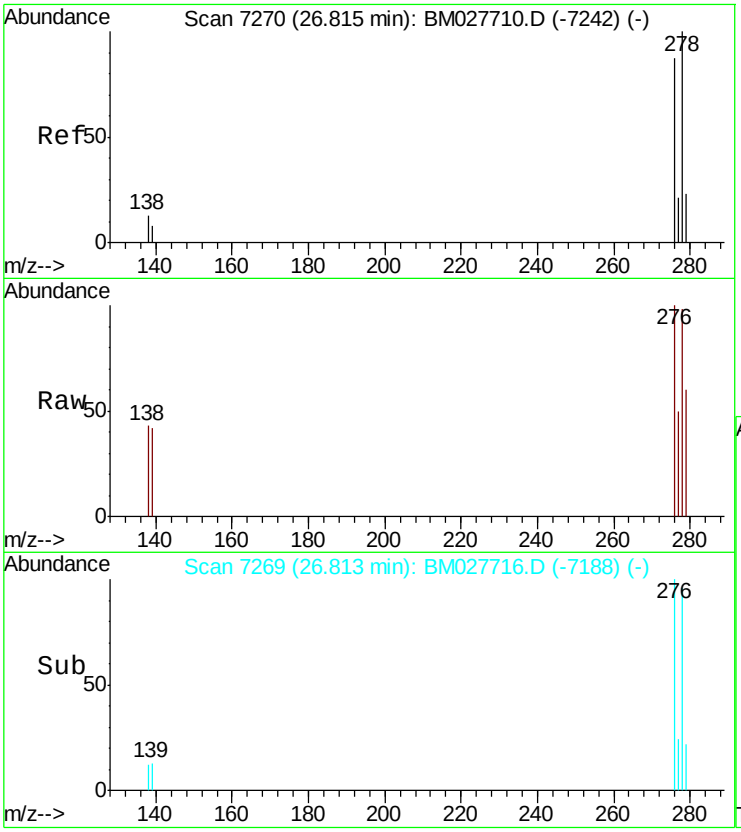


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.076 ng/ul
RT: 26.80 min Scan# 7265
Delta R.T. 0.00 min
Lab File: BM027716.D
Acq: 05 Nov 2020 13:37

Tgt Ion:276 Resp: 336

Ion	Ratio	Lower	Upper
276	100		
138	10.1	11.0	16.6#
227	0.0	0.0	0.0



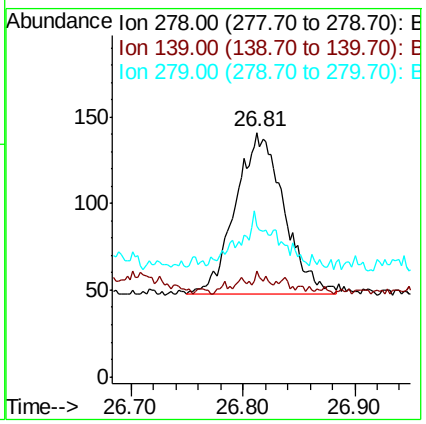


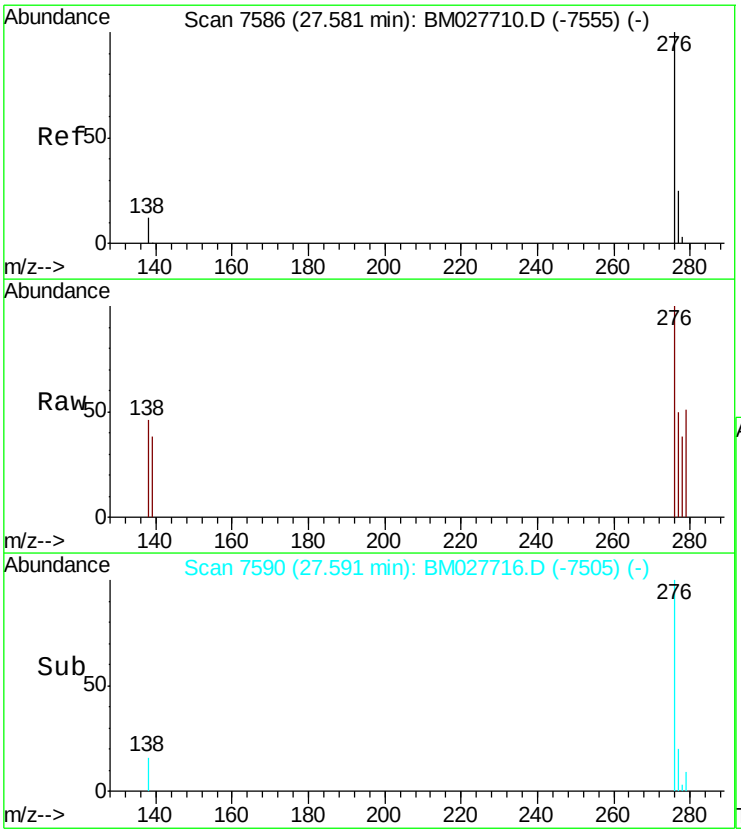
#28
Dibenzo(a,h)anthracene
Concen: 0.075 ng/ul
RT: 26.81 min Scan# 7269
Delta R.T. -0.00 min
Lab File: BM027716.D
Acq: 05 Nov 2020 13:37

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

Tgt Ion:278 Resp: 277

Ion	Ratio	Lower	Upper
278	100		
139	43.3	12.6	18.8#
279	61.7	24.3	36.5#





#29
Benzo(g,h,i)perylene
Concen: 0.077 ng/ul
RT: 27.59 min Scan# 7590
Delta R.T. 0.00 min
Lab File: BM027716.D
Acq: 05 Nov 2020 13:37

Tgt Ion:276 Resp: 287

Ion	Ratio	Lower	Upper
276	100		
138	46.0	15.0	22.4#
277	50.4	24.2	36.2#