Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110720\
Data File : BM027742.D
Acq On : 07 Nov 2020 03:23
Operator : JU/CG
Sample : L4485-07
Misc : SFAM-SIM-MDL-S-08
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-SOIL-07

Quant Time: Nov 07 03:56:06 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 : Sat Nov 07 02:24:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	452	0.40	ng/ul	0.00
4) Naphthalene-d8	11.23	136	1505	0.40	ng/ul	0.00
9) Acenaphthene-d10	15.01	164	929	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.72	188	2056	0.40	ng/ul	0.00
19) Chrysene-d12	21.81	240	1714	0.40	ng/ul	0.00
23) Perylene-d12	24.26	264	1538	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	238	0.51	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.79	152	662	0.26	ng/ul	0.00
17) Fluoranthene-d10	19.70	212	1421	0.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	43	0.086	ng/ul	90
5) Naphthalene	11.29	128	303	0.071	ng/ul#	67
7) 2-Methylnaphthalene	12.87	142	200	0.068	ng/ul	96
8) 1-Methylnaphthalene	13.08	142	183	0.066	ng/ul	97
10) Acenaphthylene	14.73	152	272	0.066	ng/ul#	68
11) Acenaphthene	15.07	153	207	0.066	ng/ul	90
12) Fluorene	16.04	166	243	0.065	ng/ul#	94
14) Pentachlorophenol	17.36	266	51	0.075	ng/ul	93
15) Phenanthrene	17.76	178	445	0.074	ng/ul#	83
16) Anthracene	17.85	178	392	0.067	ng/ul#	77
18) Fluoranthene	19.73	202	626	0.089	ng/ul#	82
20) Pyrene	20.09	202	588	0.088	ng/ul#	80
21) Benzo(a)anthracene	21.80	228	520	0.083	ng/ul#	83
22) Chrysene	21.85	228	532	0.083	ng/ul#	92
24) Benzo(b)fluoranthene	23.51	252	510	0.082	ng/ul#	70
25) Benzo(k)fluoranthene	23.56	252	470	0.076	ng/ul#	66
26) Benzo(a)pyrene	24.15	252	441	0.079	ng/ul#	66
27) Indeno(1,2,3-cd)pyrene	26.79	276	503	0.076	ng/ul#	72
28) Dibenzo(a,h)anthracene	26.81	278	405	0.074	ng/ul#	59
29) Benzo(g,h,i)perylene	27.57	276	414	0.075	ng/ul#	68

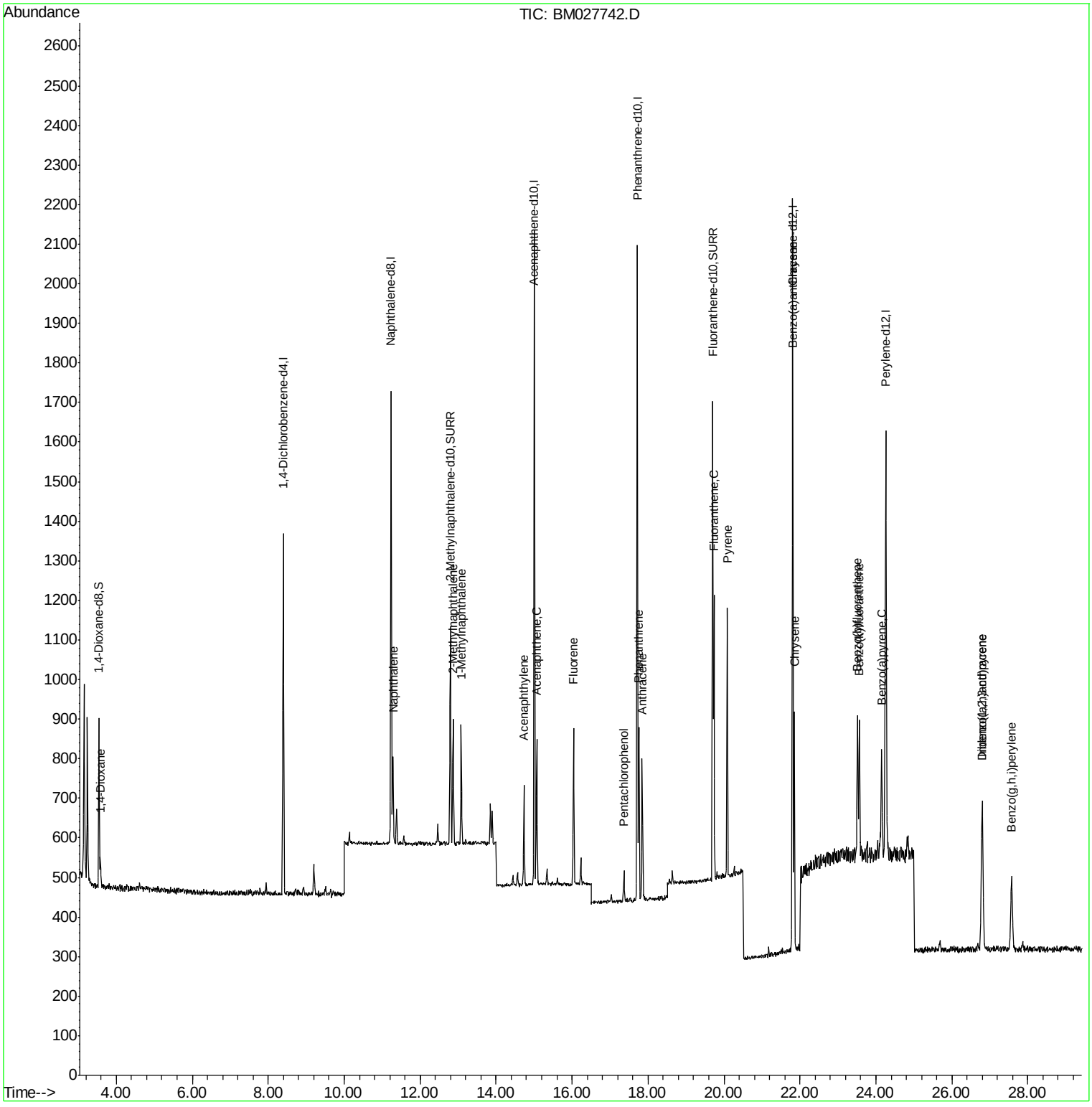
(#) = qualifier out of range (m) = manual integration (+) = signals summed

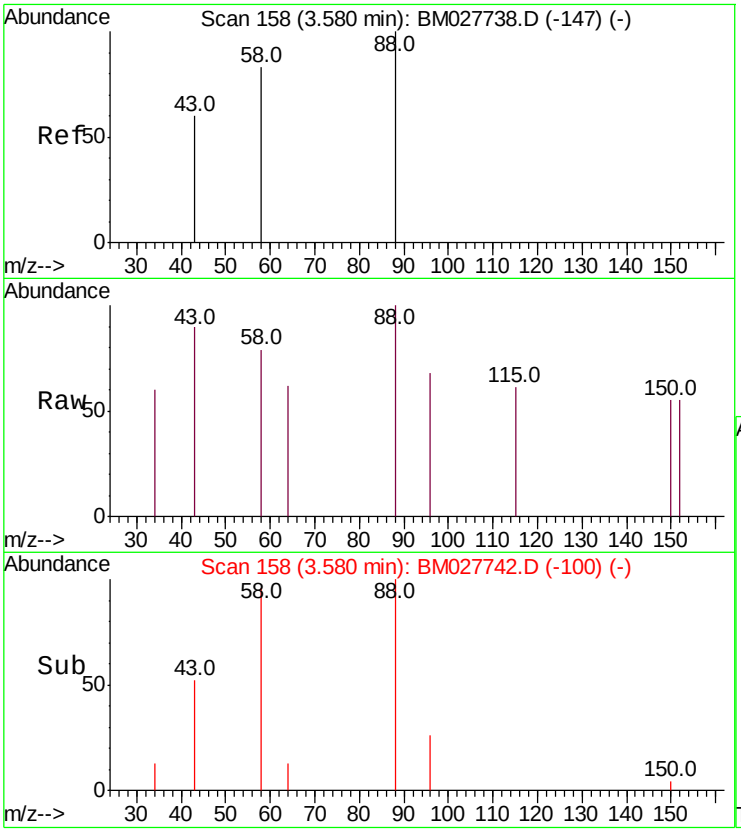
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110720\
Data File : BM027742.D
Acq On : 07 Nov 2020 03:23
Operator : JU/CG
Sample : L4485-07
Misc : SFAM-SIM-MDL-S-08
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-07

Quant Time: Nov 07 03:56:06 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 : Sat Nov 07 02:24:33 2020
Response via : Initial Calibration



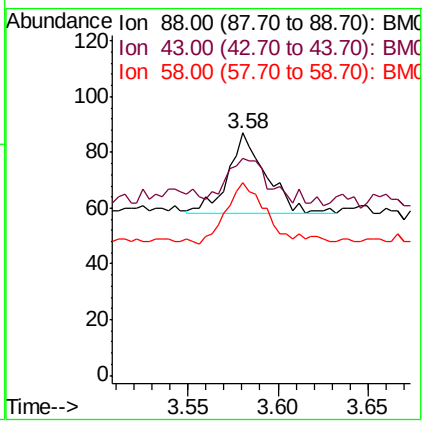


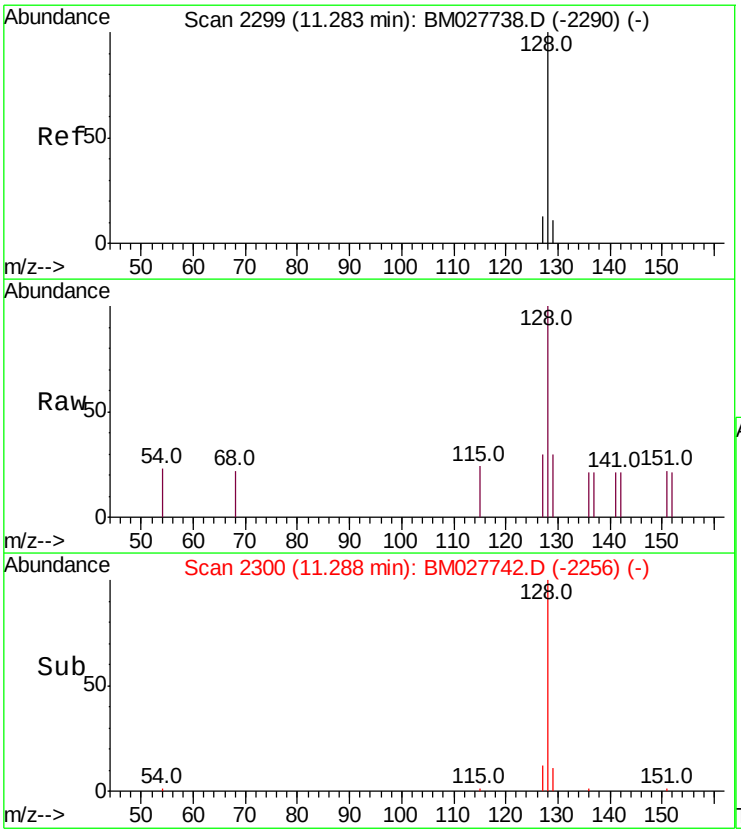
#2
1,4-Dioxane
Concen: 0.086 ng/ul
RT: 3.58 min Scan# 158
Delta R.T. 0.00 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-07

Tgt Ion: 88 Resp: 43

Ion	Ratio	Lower	Upper
88	100		
43	89.7	61.8	92.6
58	79.3	67.8	101.8

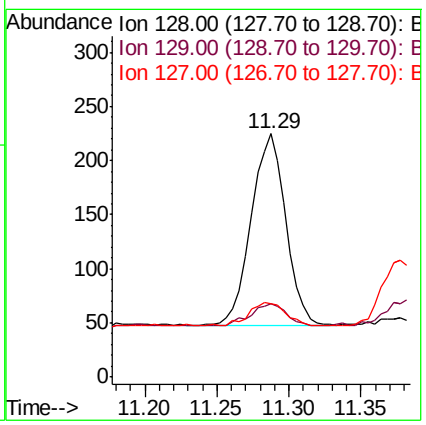


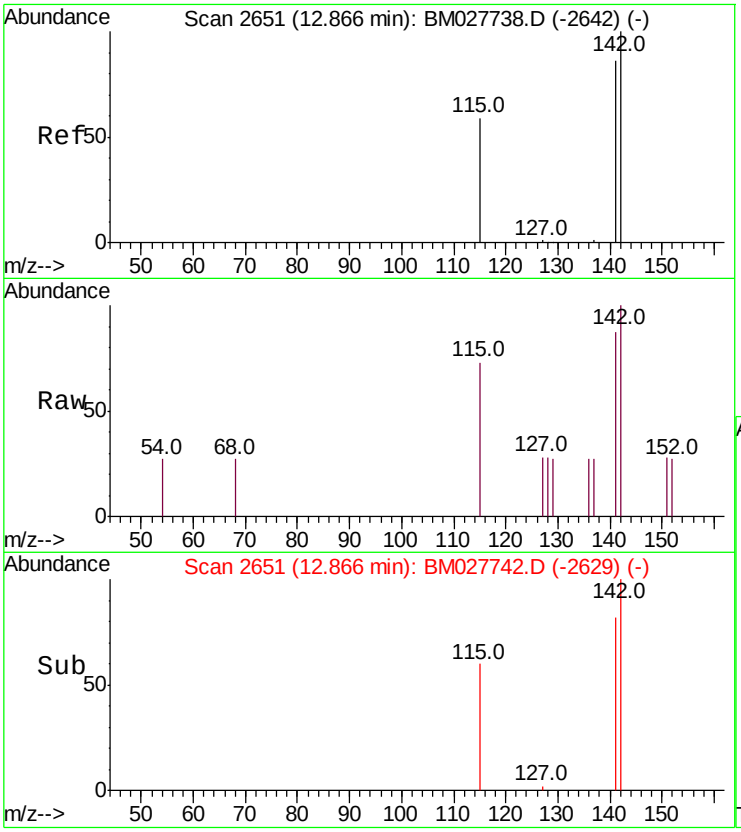


#5
Naphthalene
Concen: 0.071 ng/ul
RT: 11.29 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

Tgt Ion:128 Resp: 303

Ion	Ratio	Lower	Upper
128	100		
129	30.2	11.7	17.5#
127	30.2	14.0	21.0#



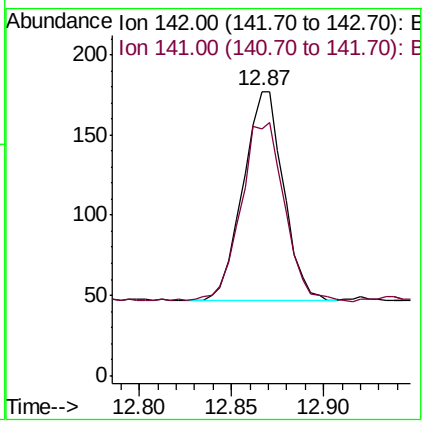


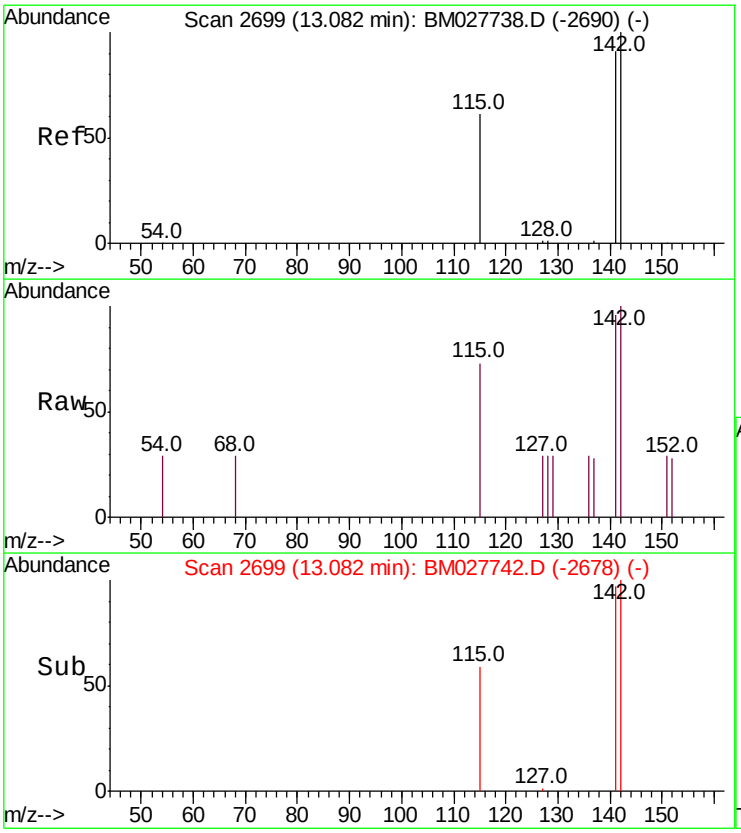
#7
2-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 12.87 min Scan# 2651
Delta R.T. 0.00 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-07

Tgt Ion:142 Resp: 200

Ion	Ratio	Lower	Upper
142	100		
141	93.0	71.2	106.8

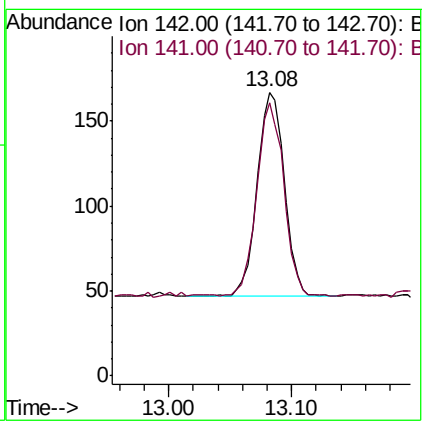


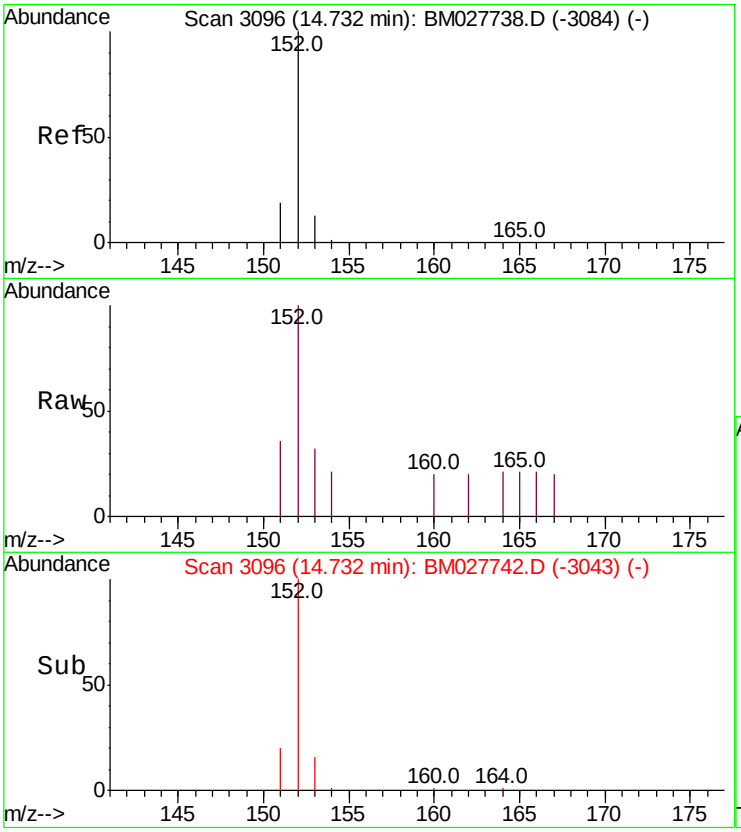


#8
1-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 13.08 min Scan# 2699
Delta R.T. -0.00 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

Tgt Ion:142 Resp: 183

Ion	Ratio	Lower	Upper
142	100		
141	95.1	74.1	111.1



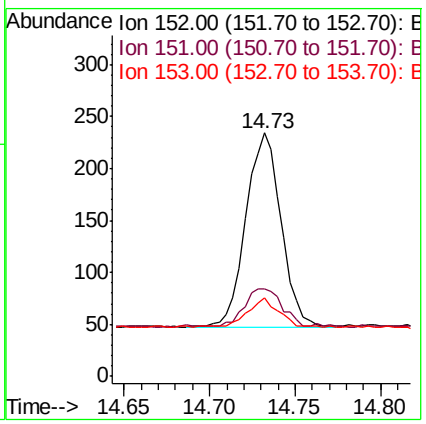


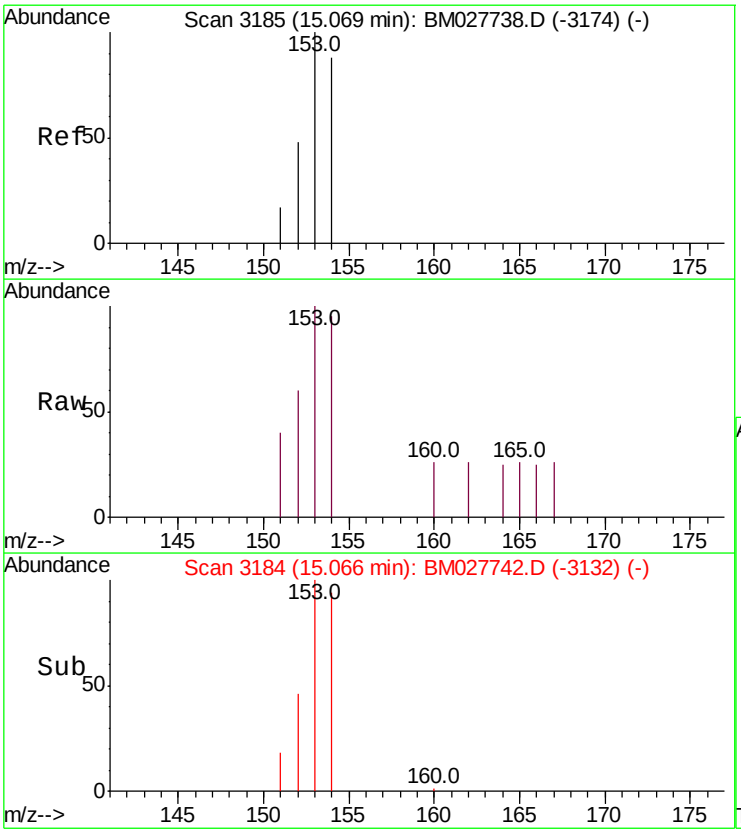
#10
Acenaphthylene
Concen: 0.066 ng/ul
RT: 14.73 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-07

Tgt Ion:152 Resp: 272

Ion	Ratio	Lower	Upper
152	100		
151	35.9	17.8	26.8#
153	32.5	13.5	20.3#

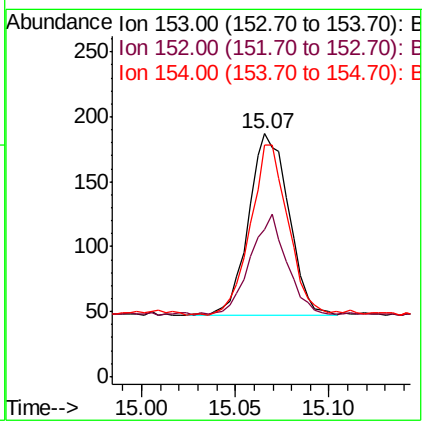


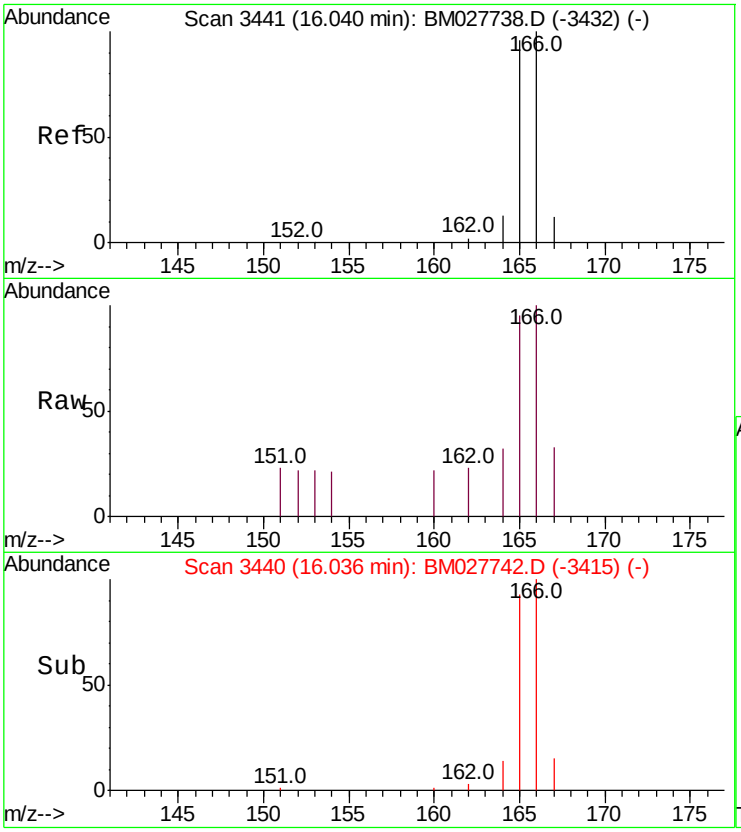


#11
Acenaphthene
Concen: 0.066 ng/ul
RT: 15.07 min Scan# 3184
Delta R.T. -0.00 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

Tgt Ion:153 Resp: 207

Ion	Ratio	Lower	Upper
153	100		
152	60.4	40.6	60.8
154	95.2	71.0	106.4



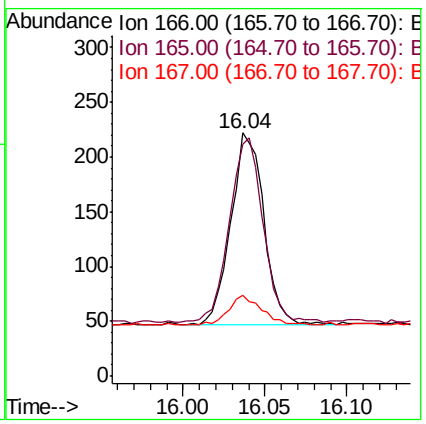


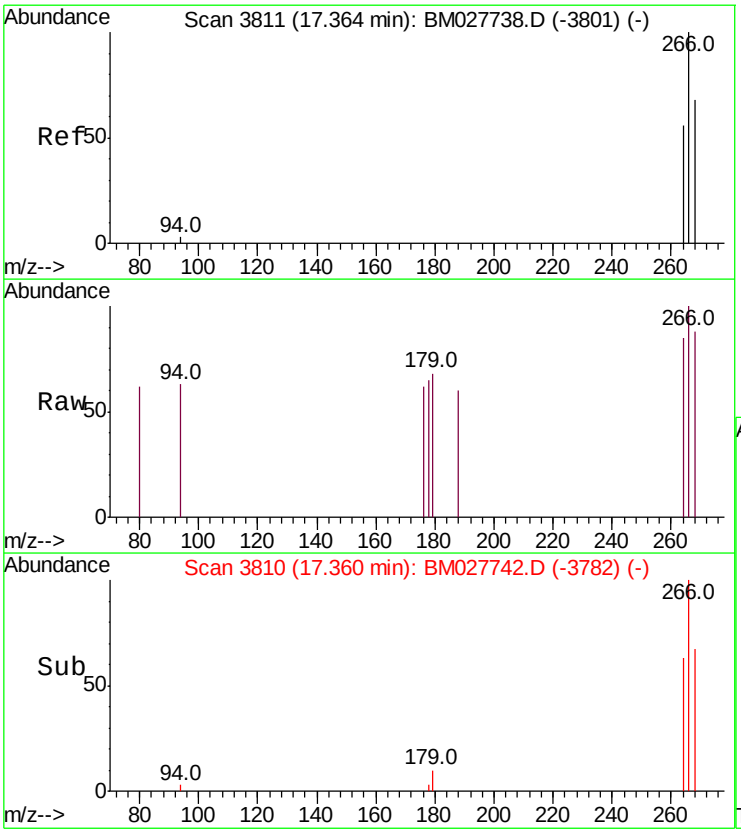
#12
Fluorene
Concen: 0.065 ng/ul
RT: 16.04 min Scan# 3440
Delta R.T. -0.00 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-07

Tgt Ion:166 Resp: 243

Ion	Ratio	Lower	Upper
166	100		
165	95.5	76.2	114.4
167	33.3	13.7	20.5#

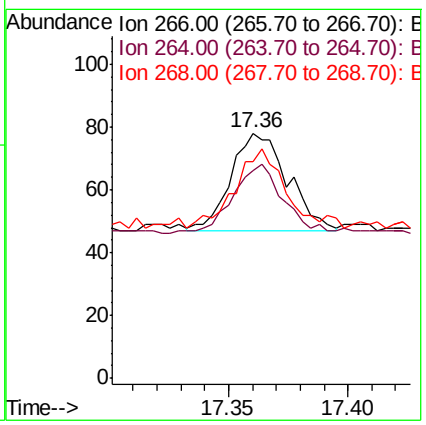


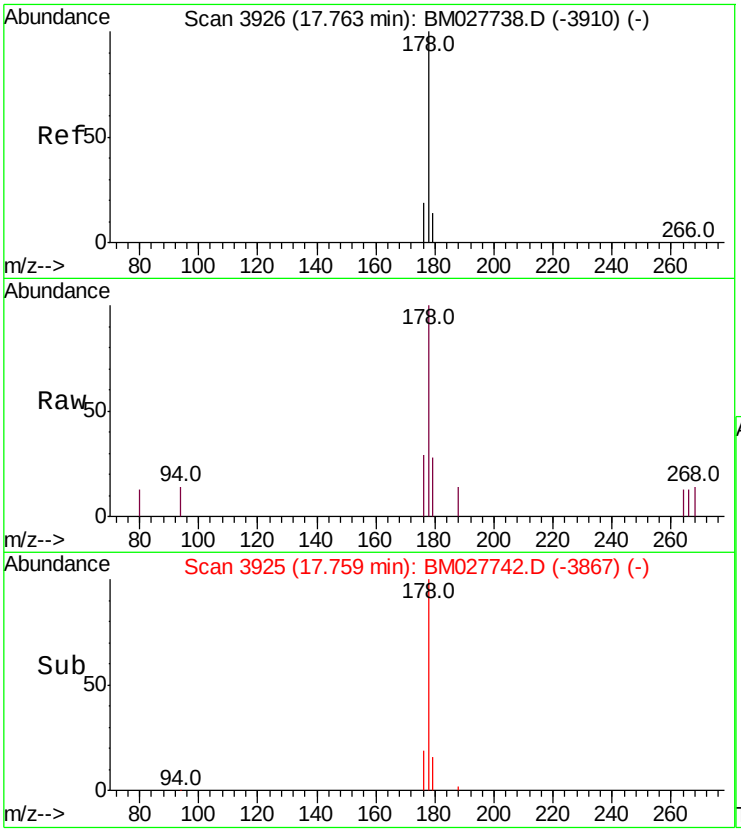


#14
Pentachlorophenol
Concen: 0.075 ng/ul
RT: 17.36 min Scan# 3810
Delta R.T. -0.00 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

Tgt Ion:266 Resp: 51

Ion	Ratio	Lower	Upper
266	100		
264	64.7	48.2	72.4
268	72.5	53.4	80.0



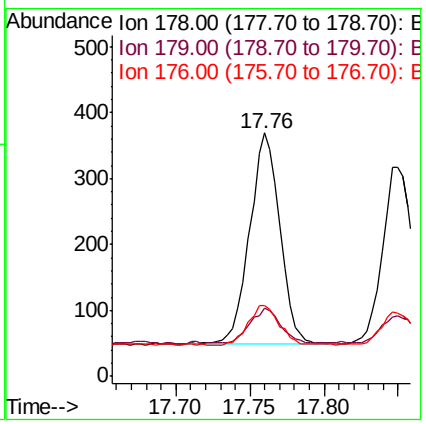


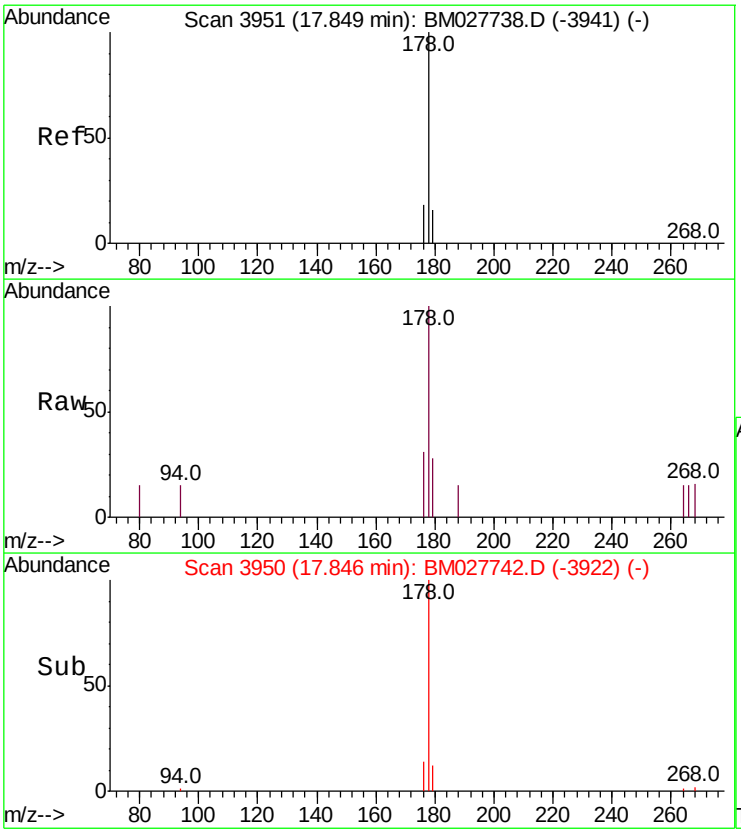
#15
Phenanthrene
Concen: 0.074 ng/ul
RT: 17.76 min Scan# 3925
Delta R.T. 0.00 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-07

Tgt Ion:178 Resp: 445

Ion	Ratio	Lower	Upper
178	100		
179	27.9	14.6	22.0#
176	29.0	18.2	27.2#

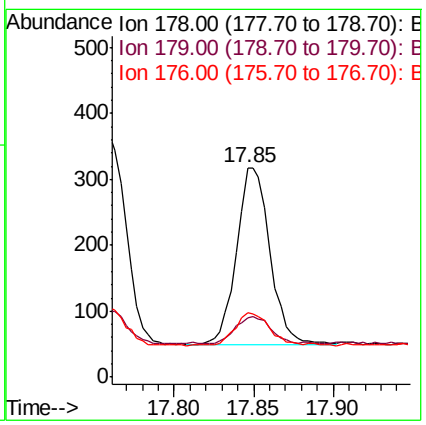


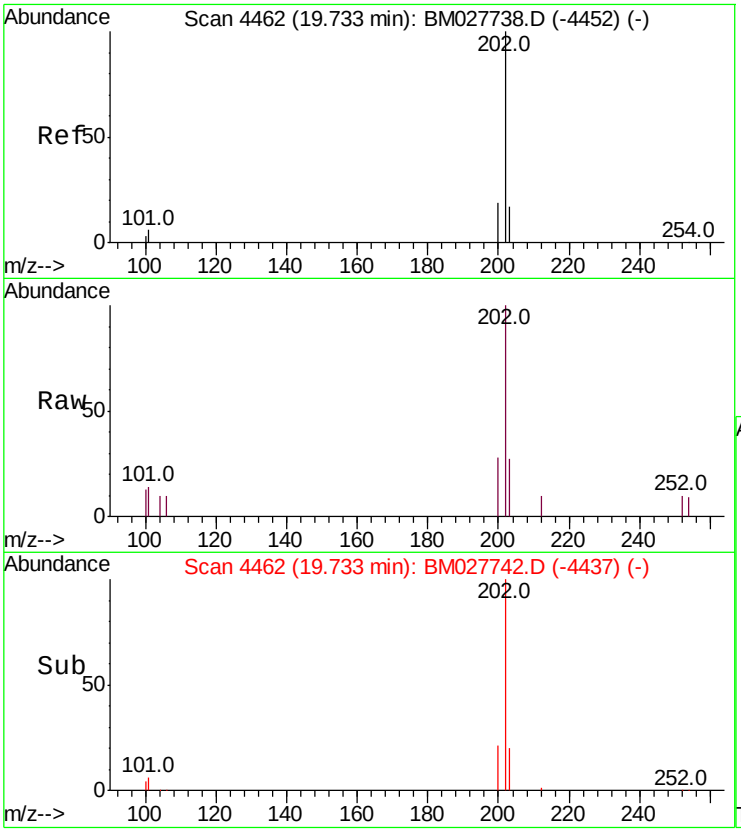


#16
Anthracene
Concen: 0.067 ng/ul
RT: 17.85 min Scan# 3950
Delta R.T. -0.00 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

Tgt Ion:178 Resp: 392

Ion	Ratio	Lower	Upper
178	100		
179	28.3	14.1	21.1#
176	30.5	16.3	24.5#



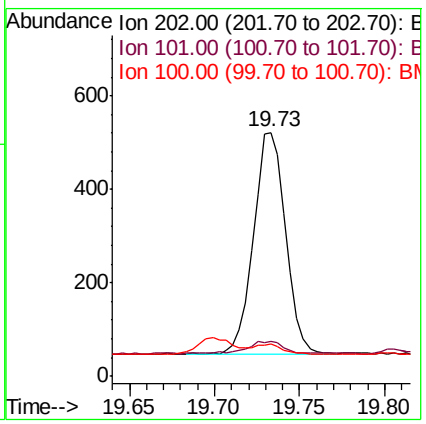


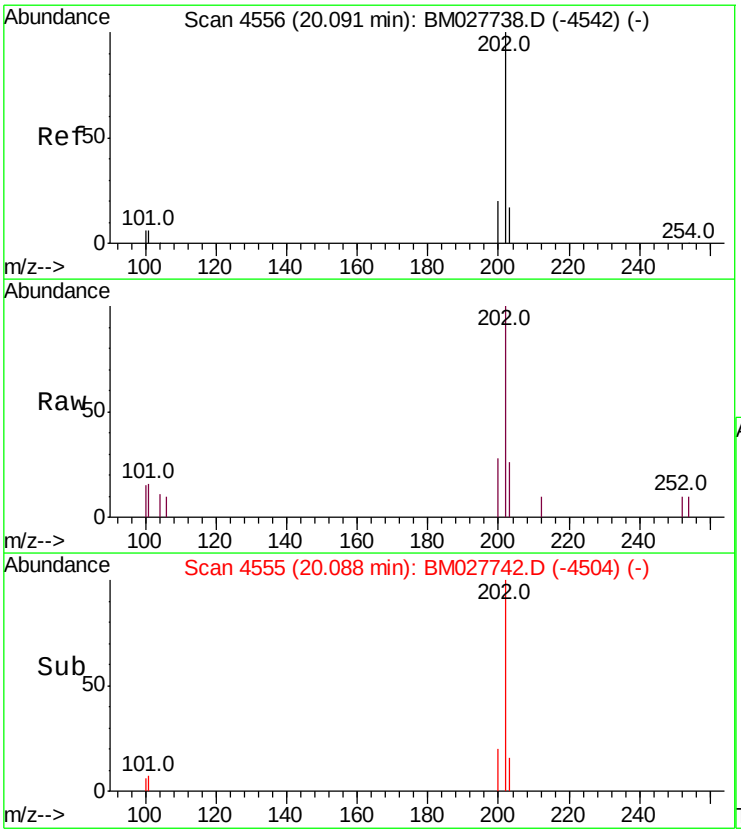
#18
Fluoranthene
Concen: 0.089 ng/ul
RT: 19.73 min Scan# 4462
Delta R.T. -0.00 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-07

Tgt Ion:202 Resp: 626

Ion	Ratio	Lower	Upper
202	100		
101	14.4	6.1	9.1#
100	13.2	5.8	8.6#

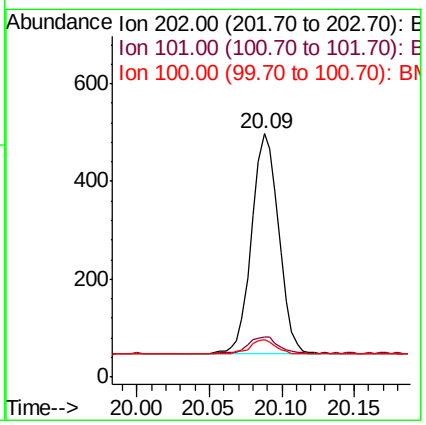


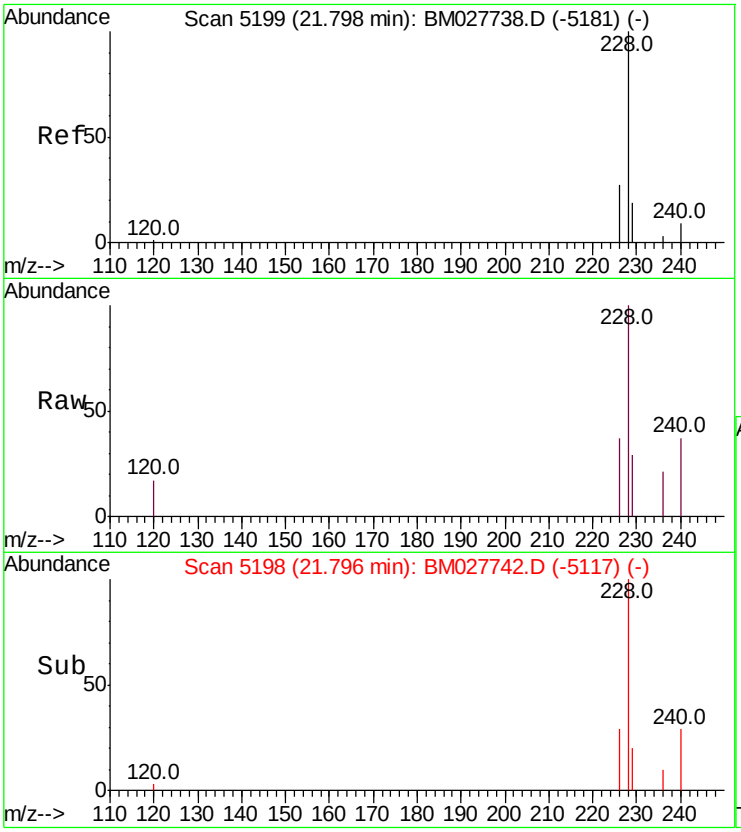


#20
Pyrene
Concen: 0.088 ng/ul
RT: 20.09 min Scan# 4555
Delta R.T. -0.00 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

Tgt Ion:202 Resp: 588

Ion	Ratio	Lower	Upper
202	100		
101	16.5	7.4	11.0#
100	15.5	6.6	9.8#



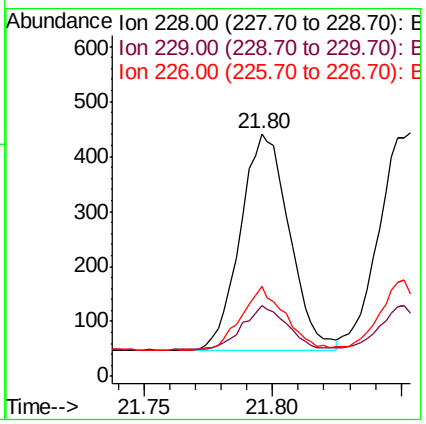


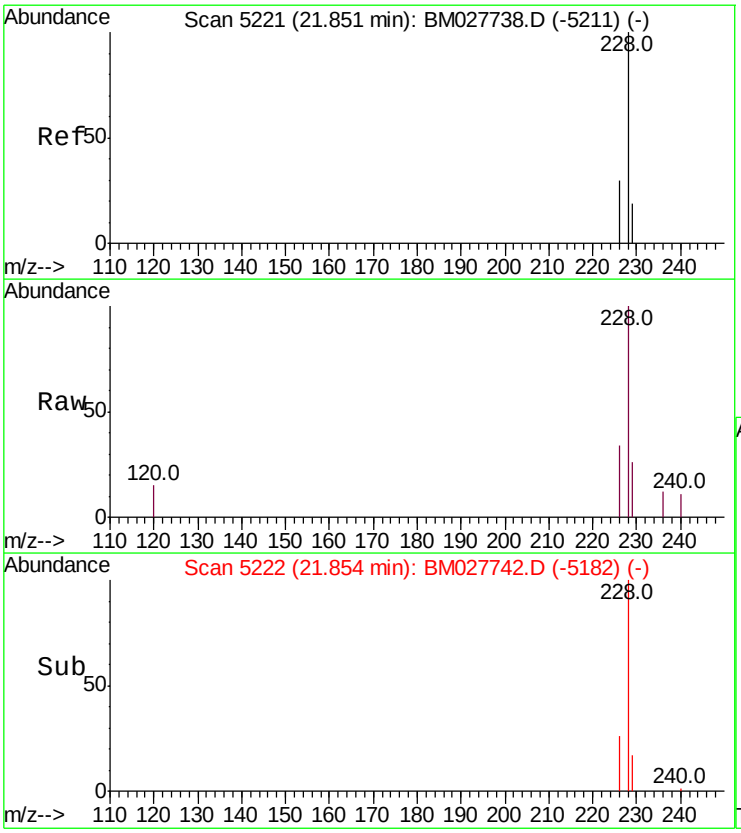
#21
Benzo(a)anthracene
Concen: 0.083 ng/ul
RT: 21.80 min Scan# 5198
Delta R.T. -0.00 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-07

Tgt Ion:228 Resp: 520

Ion	Ratio	Lower	Upper
228	100		
229	29.0	17.0	25.4#
226	37.0	22.0	33.0#

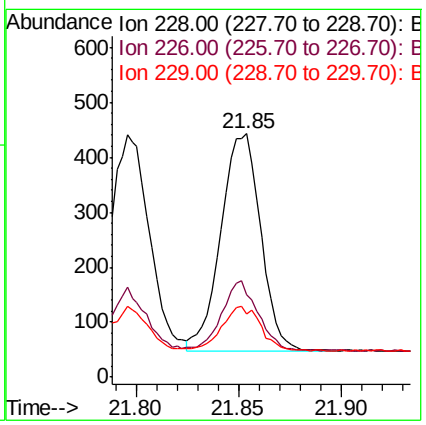


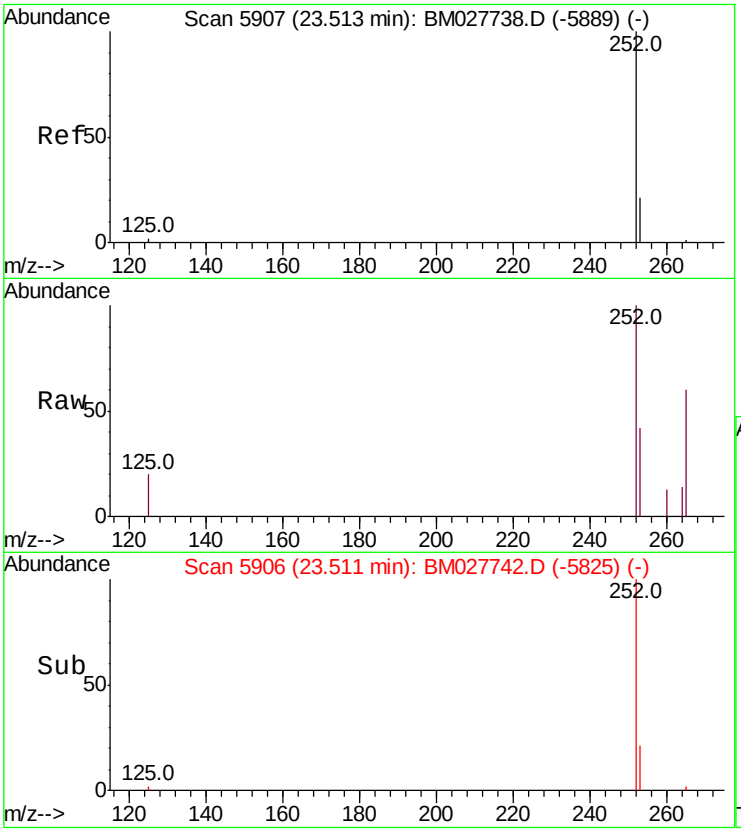


#22
Chrysene
Concen: 0.083 ng/ul
RT: 21.85 min Scan# 5222
Delta R.T. -0.00 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

Tgt Ion:228 Resp: 532

Ion	Ratio	Lower	Upper
228	100		
226	33.6	24.0	36.0
229	26.0	16.9	25.3#



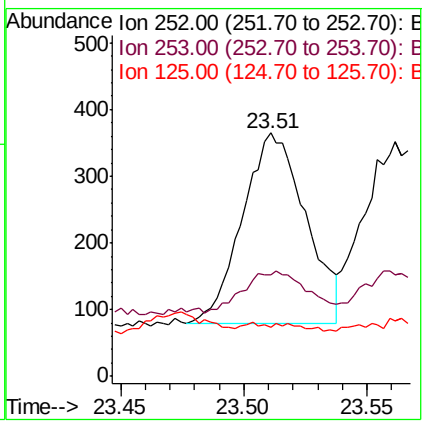


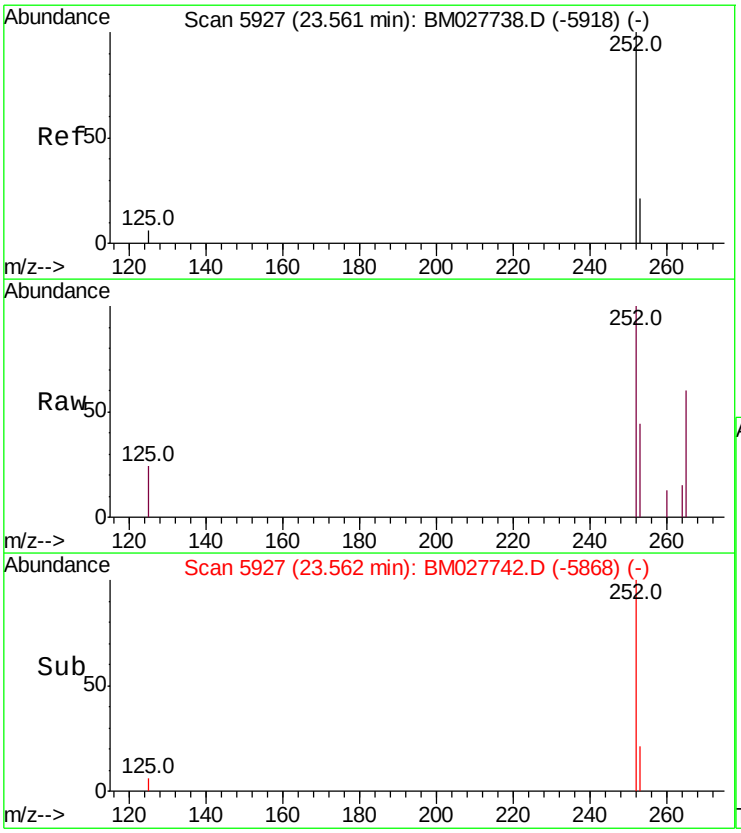
#24
Benzo(b)fluoranthene
Concen: 0.082 ng/ul
RT: 23.51 min Scan# 5906
Delta R.T. -0.00 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-07

Tgt Ion:252 Resp: 510

Ion	Ratio	Lower	Upper
252	100		
253	41.6	0.0	53.0
125	20.0	0.0	17.6#

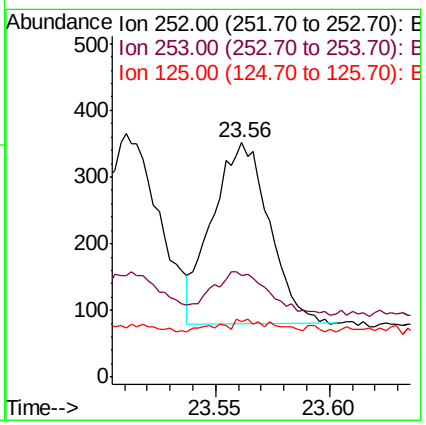


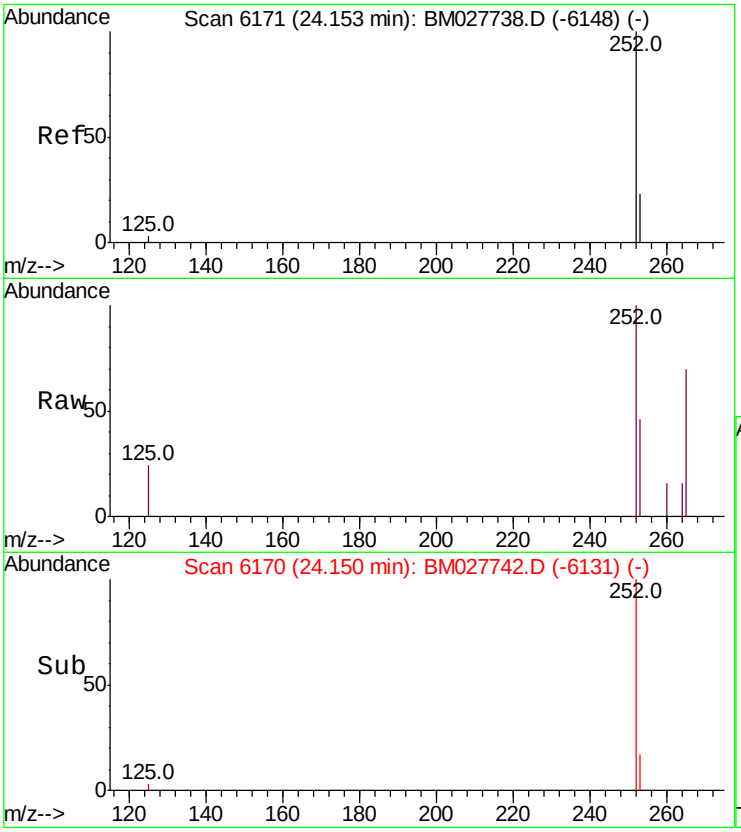


#25
Benzo(k)fluoranthene
Concen: 0.076 ng/ul
RT: 23.56 min Scan# 5927
Delta R.T. -0.01 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

Tgt Ion:252 Resp: 470

Ion	Ratio	Lower	Upper
252	100		
253	43.6	21.4	32.2#
125	23.6	7.4	11.0#



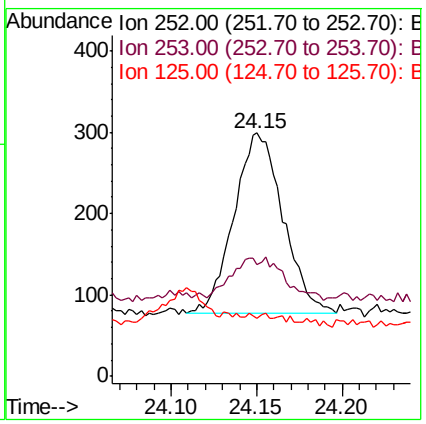


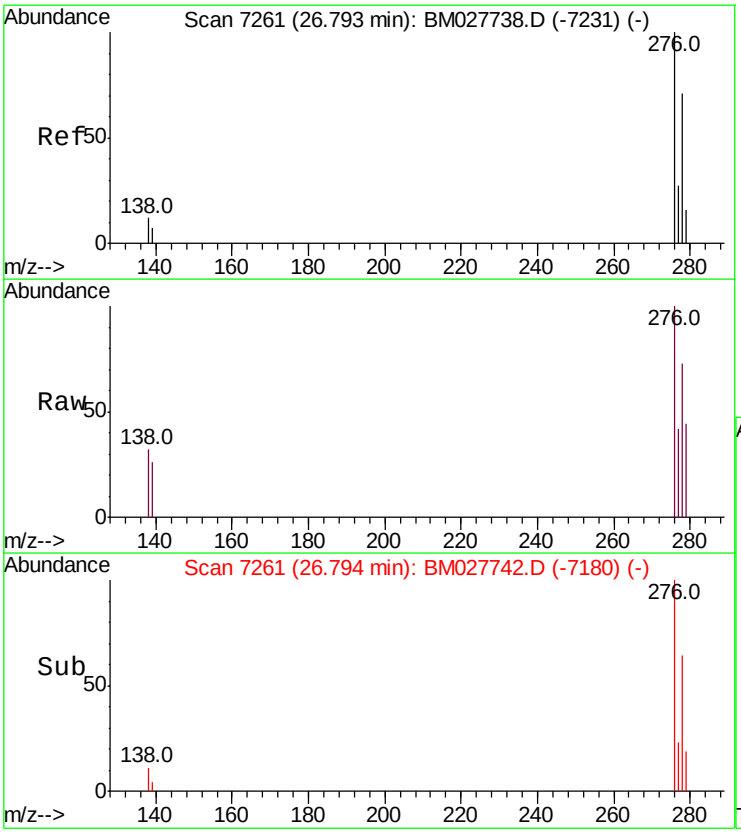
#26
Benzo(a)pyrene
Concen: 0.079 ng/ul
RT: 24.15 min Scan# 6170
Delta R.T. -0.00 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-07

Tgt Ion:252 Resp: 441

Ion	Ratio	Lower	Upper
252	100		
253	45.8	22.3	33.5#
125	24.1	8.8	13.2#

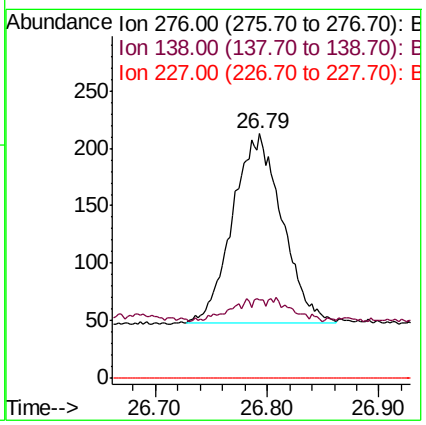


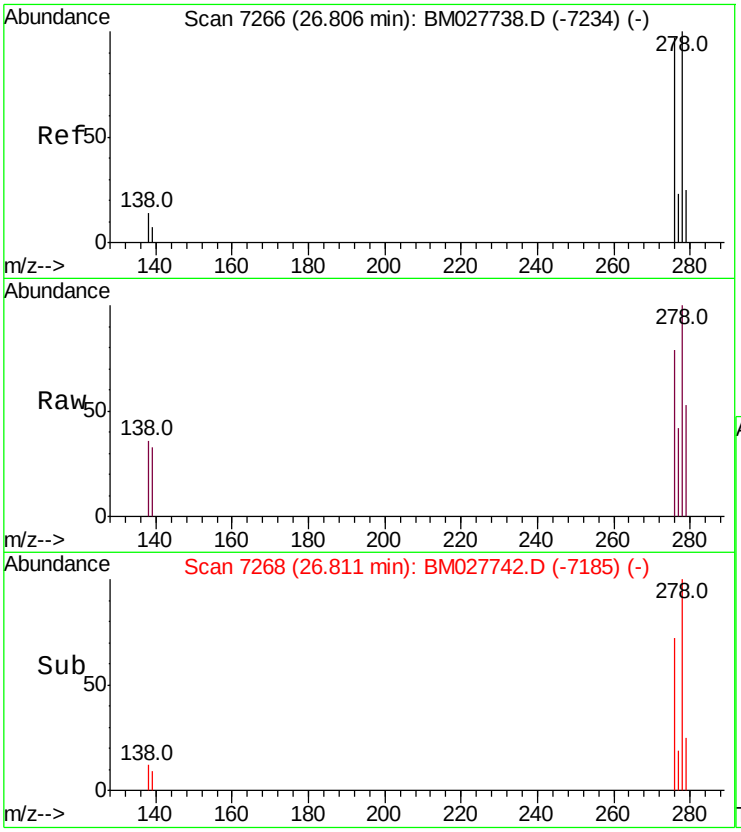


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.076 ng/ul
RT: 26.79 min Scan# 7261
Delta R.T. -0.00 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

Tgt Ion:276 Resp: 503

Ion	Ratio	Lower	Upper
276	100		
138	2.4	11.0	16.6#
227	0.0	0.0	0.0



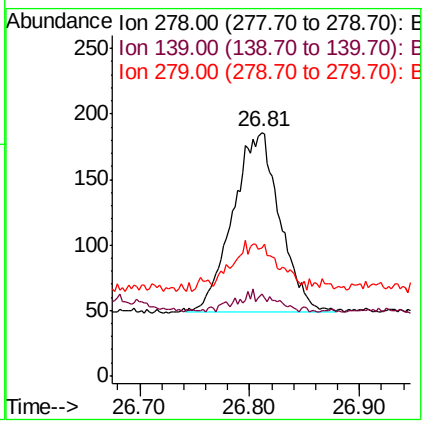


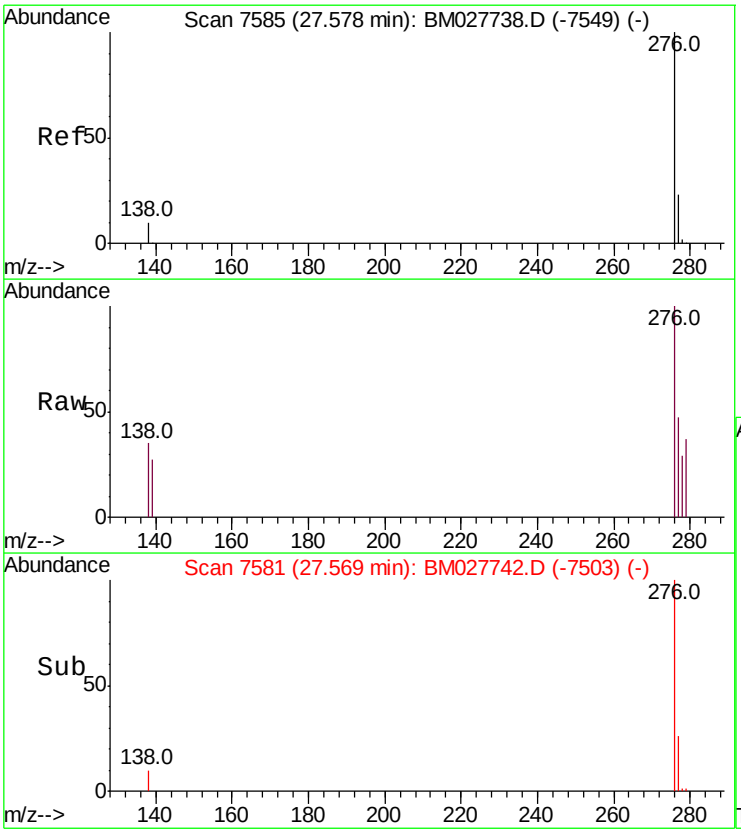
#28
Dibenzo(a,h)anthracene
Concen: 0.074 ng/ul
RT: 26.81 min Scan# 7268
Delta R.T. 0.00 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-07

Tgt Ion:278 Resp: 405

Ion	Ratio	Lower	Upper
278	100		
139	33.3	12.6	18.8#
279	52.7	24.3	36.5#





#29
Benzo(g,h,i)perylene
Concen: 0.075 ng/ul
RT: 27.57 min Scan# 7581
Delta R.T. -0.01 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

Tgt Ion:276 Resp: 414

Ion	Ratio	Lower	Upper
276	100		
138	34.6	15.0	22.4#
277	46.7	24.2	36.2#