

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082020\
 Data File : BM027157.D
 Acq On : 20 Aug 2020 15:11
 Operator : JU/CG
 Sample : L1955-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-06

Manual Integrations
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Quant Time: Aug 20 15:47:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM081720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 06:55:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	607	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	1819	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	1201	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	2790	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	2538	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	2639	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1058	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	2982	0.37	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.45	128	297	0.055	ng/ul#	46
5) 2-Methylnaphthalene	12.08	142	179	0.048	ng/ul	95
7) Acenaphthylene	13.98	152	267	0.051	ng/ul#	68
8) Acenaphthene	14.33	153	243	0.054	ng/ul#	90
9) Fluorene	15.33	166	282	0.052	ng/ul#	91
11) Pentachlorophenol	16.69	266	43m	0.047	ng/ul	
12) Phenanthrene	17.05	178	498	0.053	ng/ul#	67
13) Anthracene	17.14	178	442	0.052	ng/ul#	61
15) Fluoranthene	19.07	202	624	0.055	ng/ul	73
17) Pyrene	19.43	202	575	0.053	ng/ul#	76
18) Benzo(a)anthracene	21.19	228	542	0.054	ng/ul#	86
19) Chrysene	21.24	228	702	0.064	ng/ul#	89
21) Benzo(b)fluoranthene	22.74	252	673	0.059	ng/ul#	48
22) Benzo(k)fluoranthene	22.79	252	687	0.058	ng/ul#	48
23) Benzo(a)pyrene	23.30	252	551	0.054	ng/ul#	38
24) Indeno(1,2,3-cd)pyrene	25.58	276	727	0.051	ng/ul#	76
25) Dibenzo(a,h)anthracene	25.59	278	608	0.053	ng/ul#	38
26) Benzo(g,h,i)perylene	26.24	276	626	0.051	ng/ul#	70

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

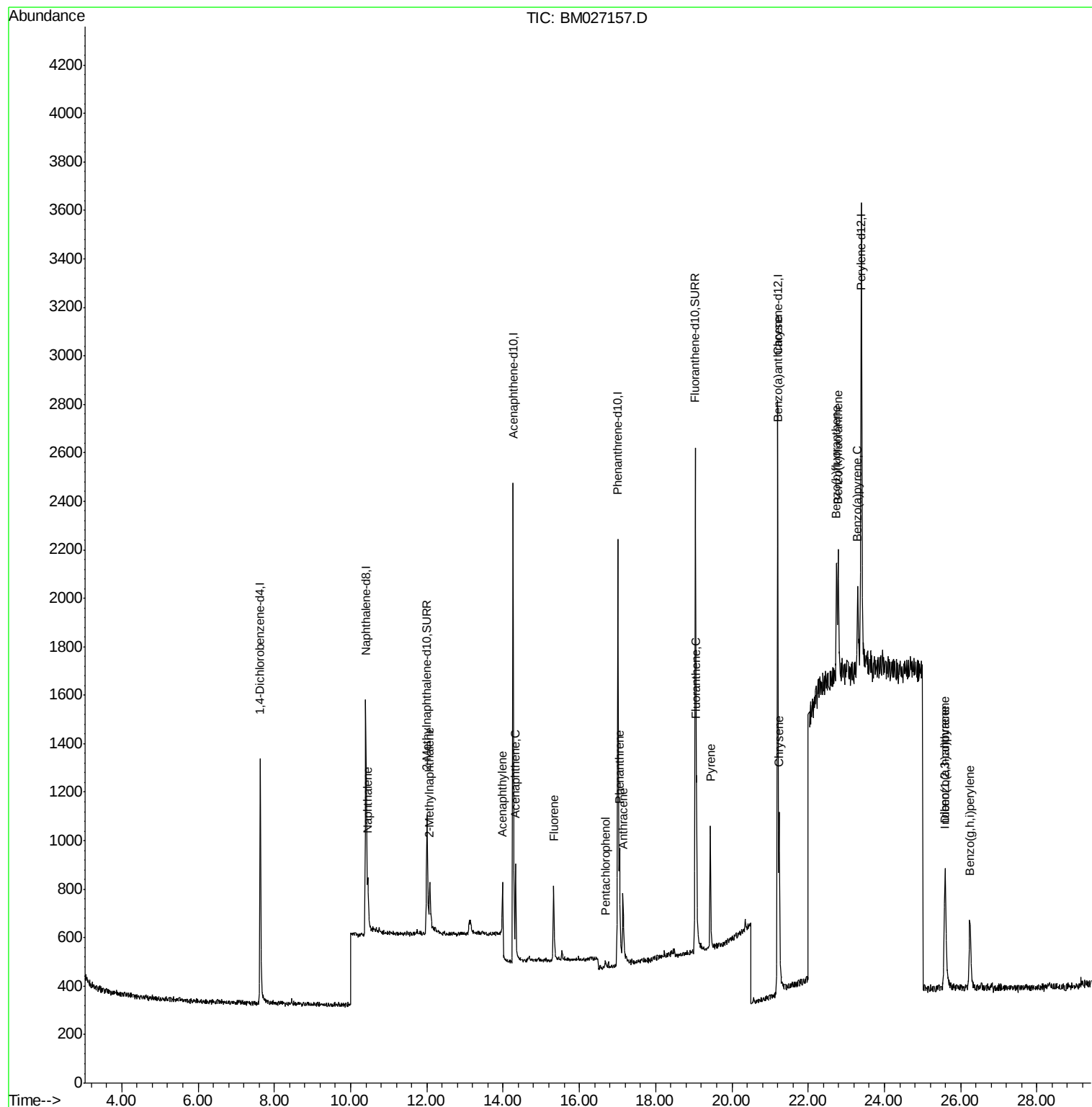
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082020\
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ALS Vial : 7 Sample Multiplier: 1

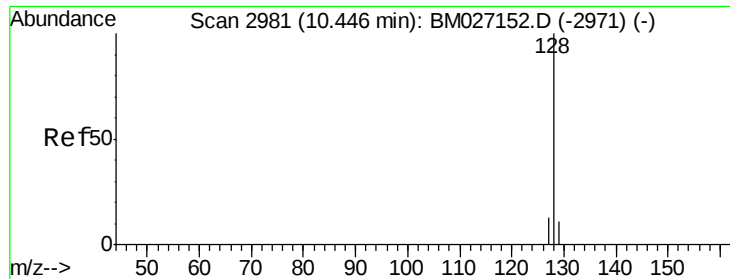
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#3

Naphthalene

Concen: 0.055 ng/ul

RT: 10.45 min Scan# 2981

Delta R.T. 0.00 min

Lab File: BM027157.D

Acq: 20 Aug 2020 15:11

Instrument :

BNA_M

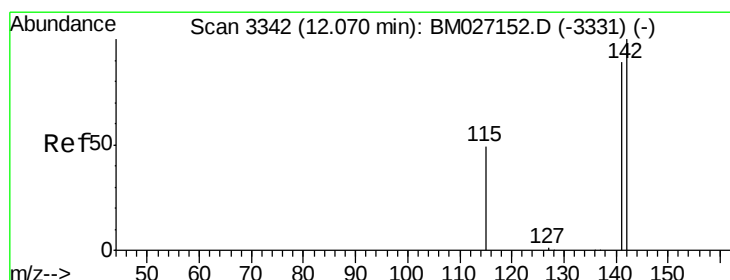
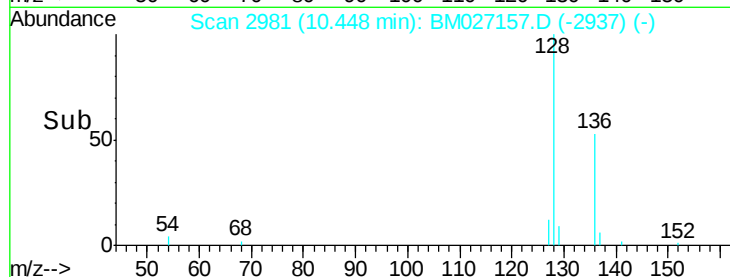
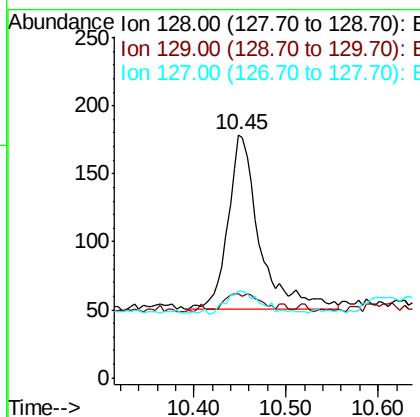
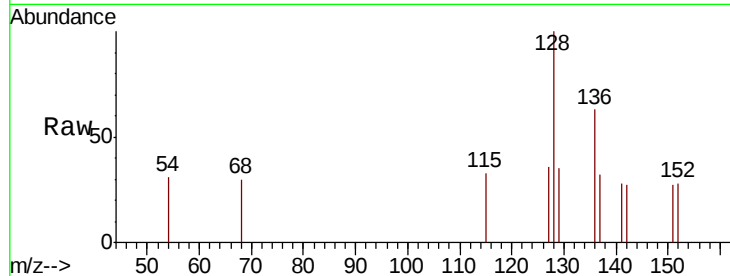
ClientSampleId :

MDL-SOIL-06

Tot Ion:128	Resp:	297
Ion Ratio	Lower	Upper
128	100	
129	34.6	10.1 15.1#
127	35.8	11.6 17.4#

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#5

2-Methylnaphthalene

Concen: 0.048 ng/ul

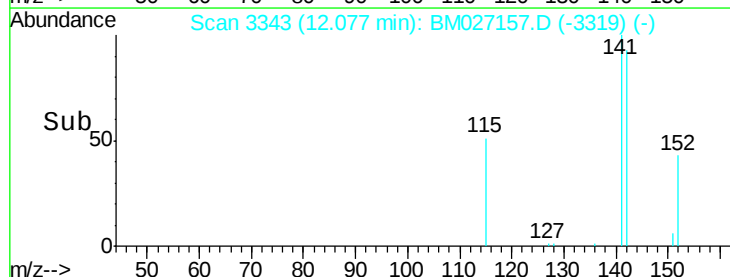
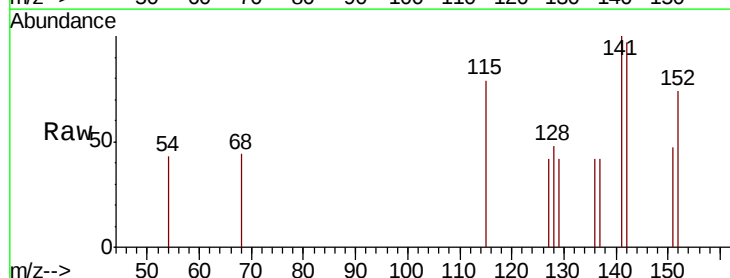
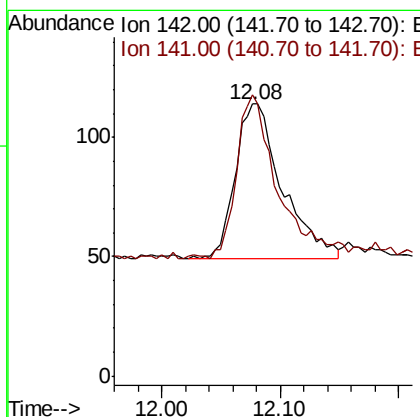
RT: 12.08 min Scan# 3343

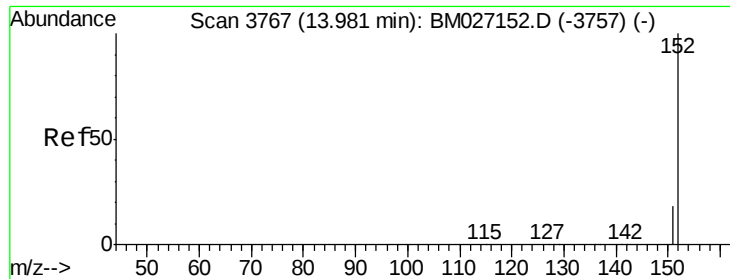
Delta R.T. 0.01 min

Lab File: BM027157.D

Acq: 20 Aug 2020 15:11

Tgt Ion:142	Resp:	179
Ion Ratio	Lower	Upper
142	100	
141	96.1	72.9 109.3





#7

Acenaphthylene

Concen: 0.051 ng/ul

RT: 13.98 min Scan# 3767

Delta R.T. 0.00 min

Lab File: BM027157.D

Acq: 20 Aug 2020 15:11

Instrument :

BNA_M

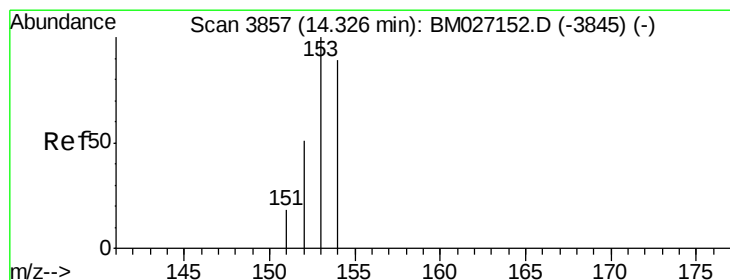
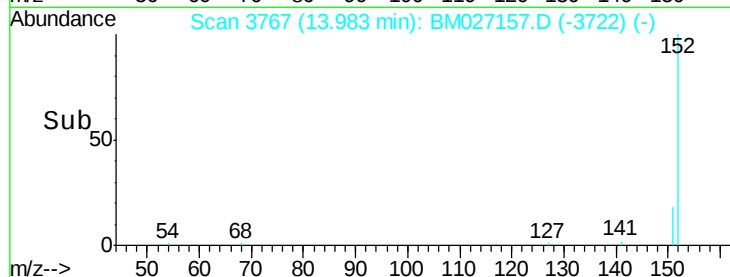
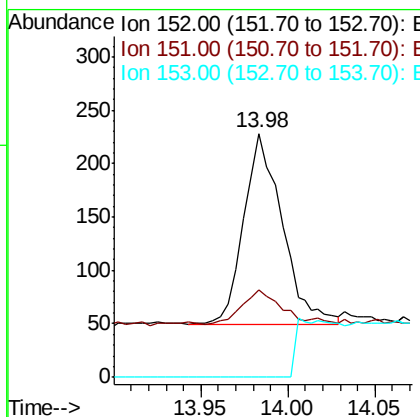
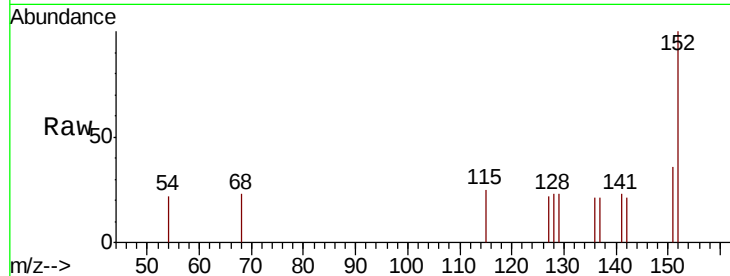
ClientSampleId :

MDL-SOIL-06

Tot Ion:	152	Resp:	267
Ion Ratio	Lower	Upper	
152	100		
151	36.0	16.9	25.3#
153	0.0	0.0	0.0

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#8

Acenaphthene

Concen: 0.054 ng/ul

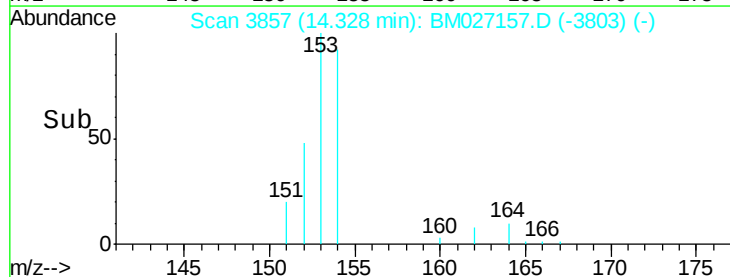
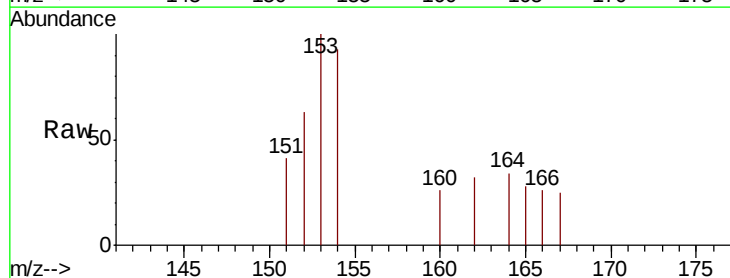
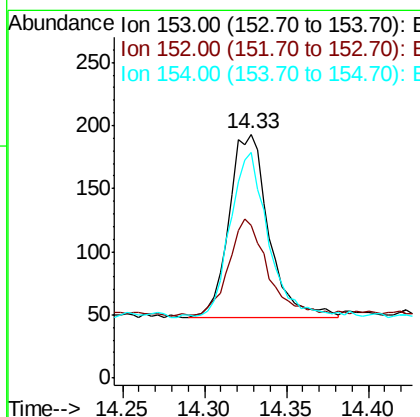
RT: 14.33 min Scan# 3857

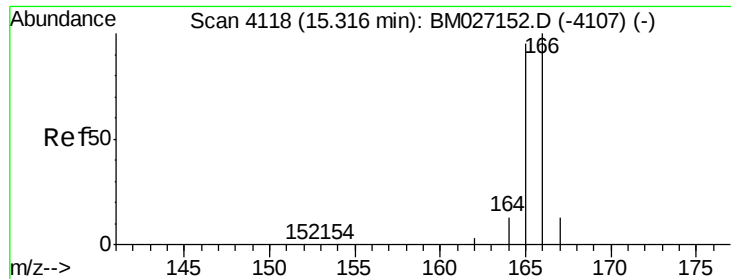
Delta R.T. 0.00 min

Lab File: BM027157.D

Acq: 20 Aug 2020 15:11

Tgt Ion:	153	Resp:	243
Ion Ratio	Lower	Upper	
153	100		
152	62.7	40.9	61.3#
154	92.7	70.0	105.0





#9

Fluorene

Concen: 0.052 ng/ul

RT: 15.33 min Scan# 4120

Delta R.T. 0.01 min

Lab File: BM027157.D

Acq: 20 Aug 2020 15:11

Instrument :

BNA_M

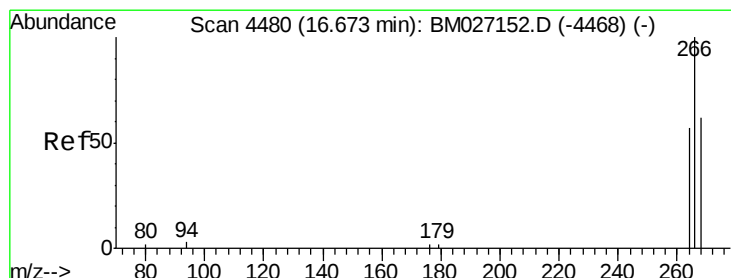
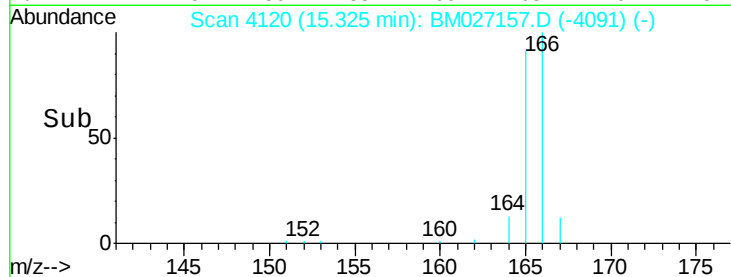
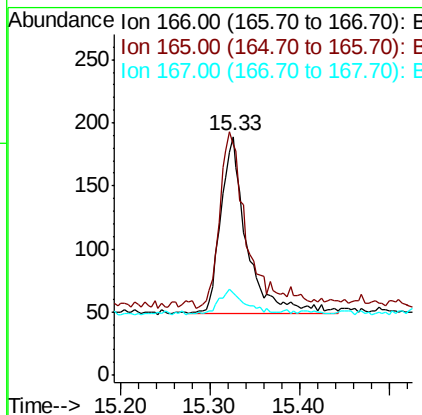
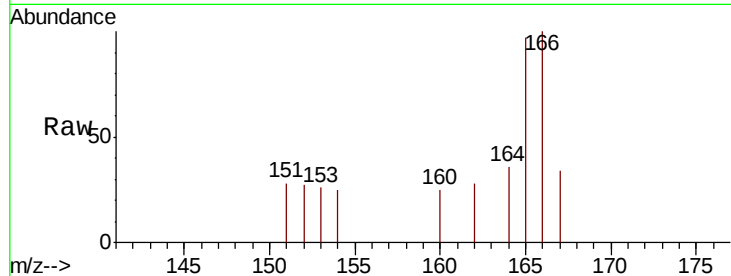
ClientSampled :

MDL-SOIL-06

Tot Ion:	166	Resp:	282
Ion Ratio	Lower	Upper	
166	100		
165	96.8	79.8	119.6
167	34.4	12.1	18.1#

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#11

Pentachlorophenol

Concen: 0.047 ng/ul m

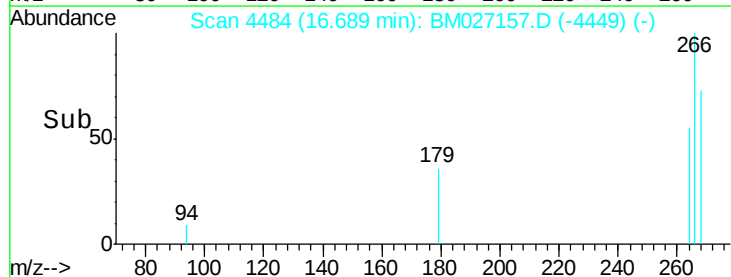
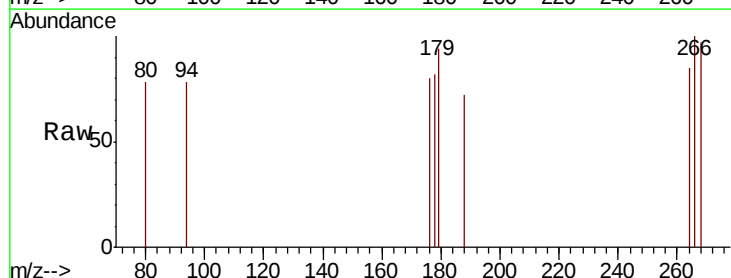
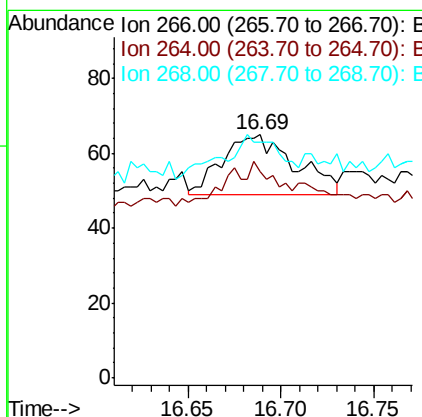
RT: 16.69 min Scan# 4484

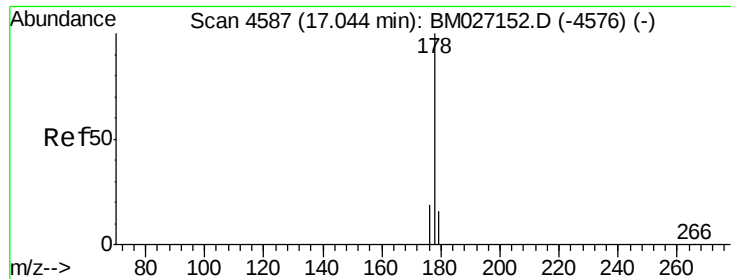
Delta R.T. 0.02 min

Lab File: BM027157.D

Acq: 20 Aug 2020 15:11

Tgt Ion:	266	Resp:	43
Ion Ratio	Lower	Upper	
266	100		
264	4.7	47.8	71.8#
268	4.7	48.5	72.7#





#12

Phenanthrene

Concen: 0.053 ng/ul

RT: 17.05 min Scan# 4588

Delta R.T. 0.00 min

Lab File: BM027157.D

Acq: 20 Aug 2020 15:11

Instrument :

BNA_M

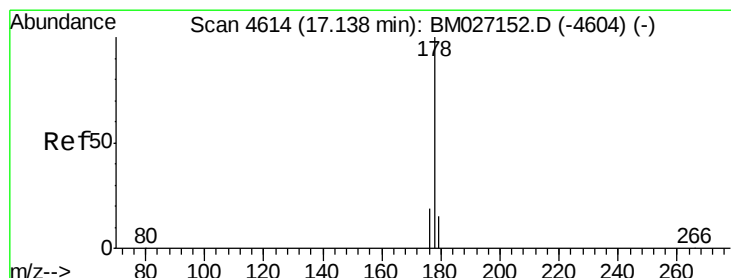
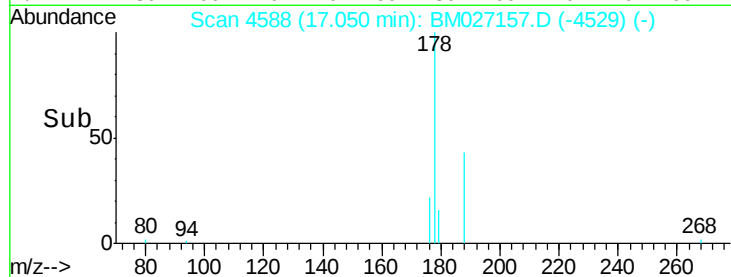
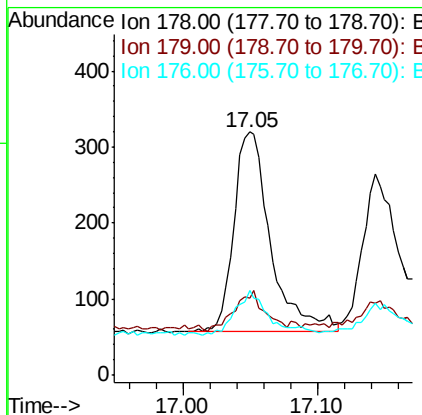
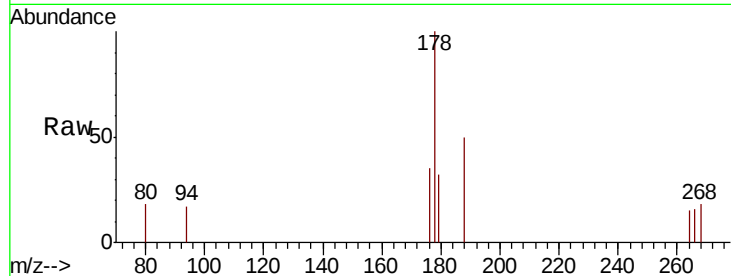
ClientSampleId :

MDL-SOIL-06

Tot Ion:178	Resp:	498
Ion Ratio	Lower	Upper
178	100	
179	31.9	13.4 20.2#
176	34.7	16.0 24.0#

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#13

Anthracene

Concen: 0.052 ng/ul

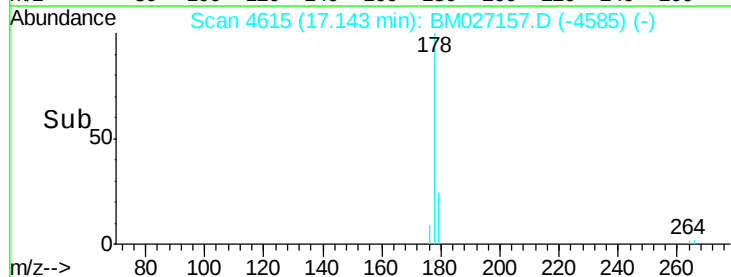
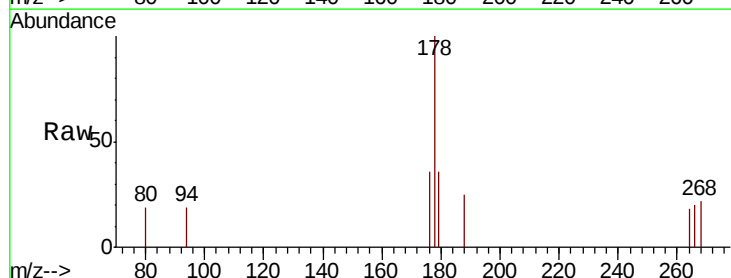
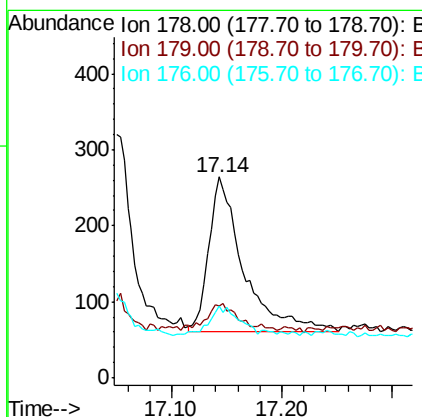
RT: 17.14 min Scan# 4615

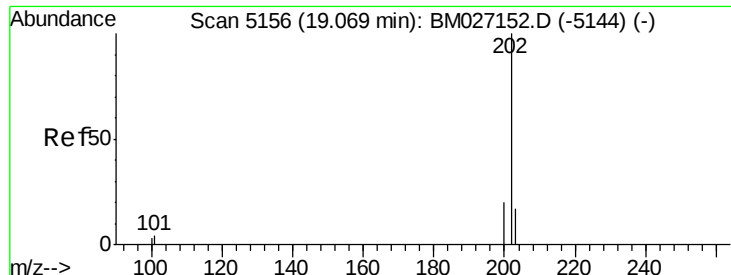
Delta R.T. 0.00 min

Lab File: BM027157.D

Acq: 20 Aug 2020 15:11

Tgt Ion:178	Resp:	442
Ion Ratio	Lower	Upper
178	100	
179	36.0	13.7 20.5#
176	35.6	15.5 23.3#





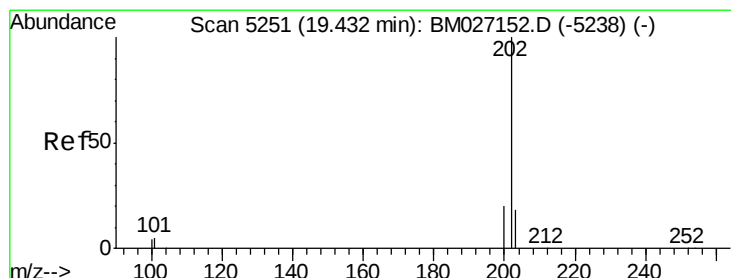
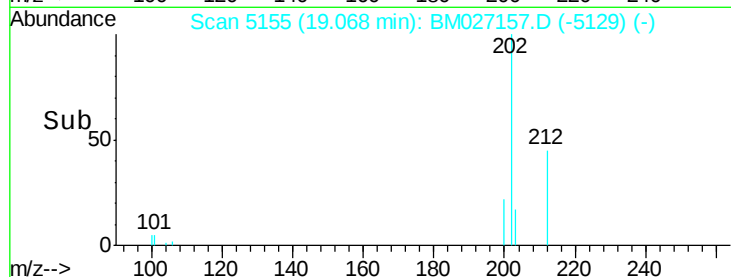
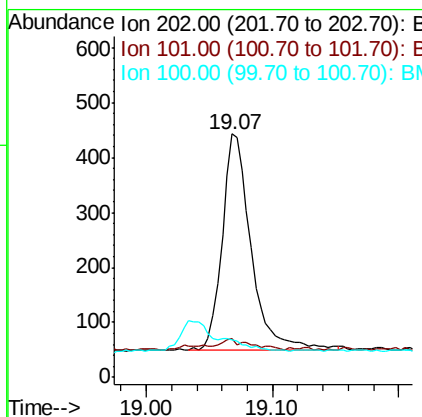
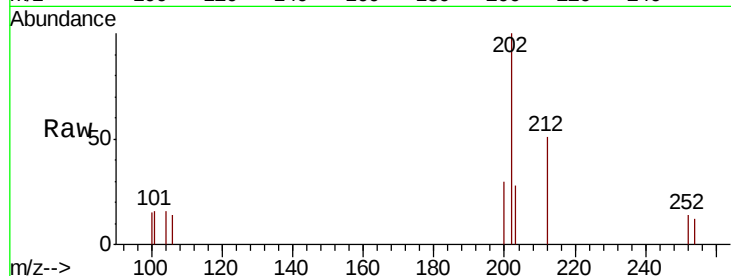
#15
Fluoranthene
 Concen: 0.055 ng/ul
 RT: 19.07 min Scan# 5155
 Delta R.T. 0.00 min
 Lab File: BM027157.D
 Acq: 20 Aug 2020 15:11

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-06

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.0	0.0	27.1
100	15.3	0.0	25.7

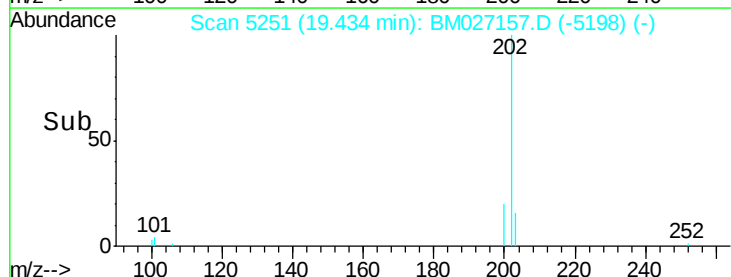
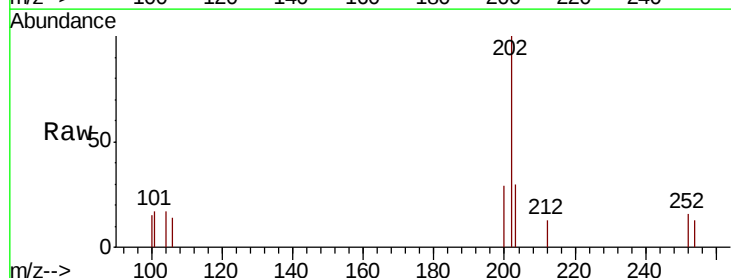
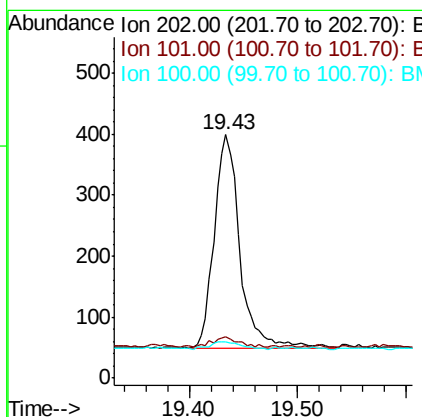
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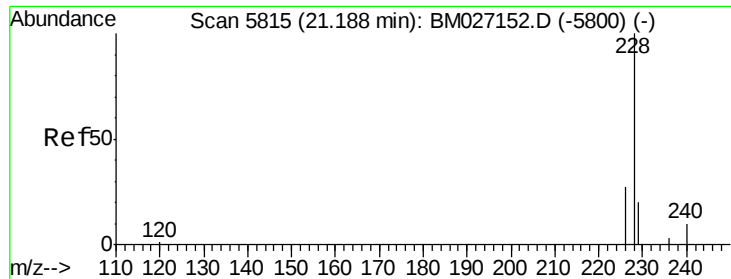
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#17
Pyrene
 Concen: 0.053 ng/ul
 RT: 19.43 min Scan# 5251
 Delta R.T. 0.00 min
 Lab File: BM027157.D
 Acq: 20 Aug 2020 15:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.0	6.6	9.8#
100	15.0	5.6	8.4#





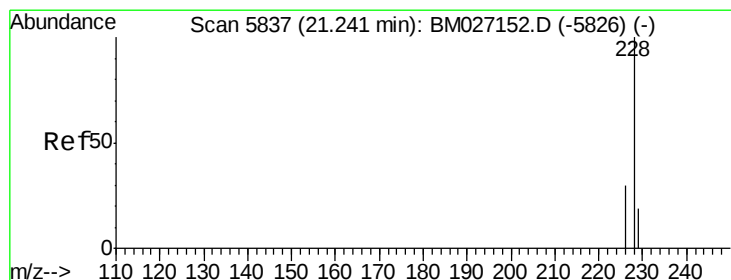
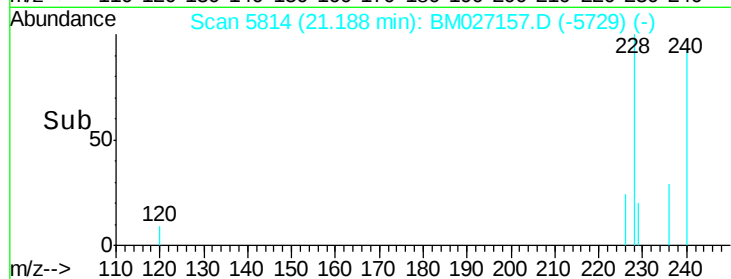
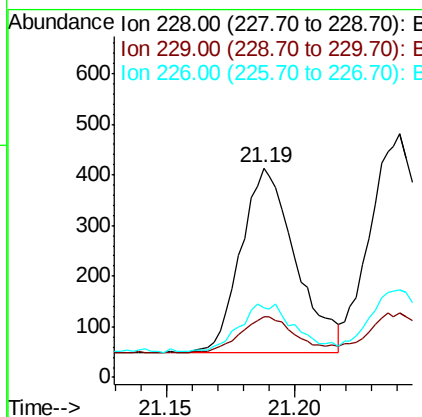
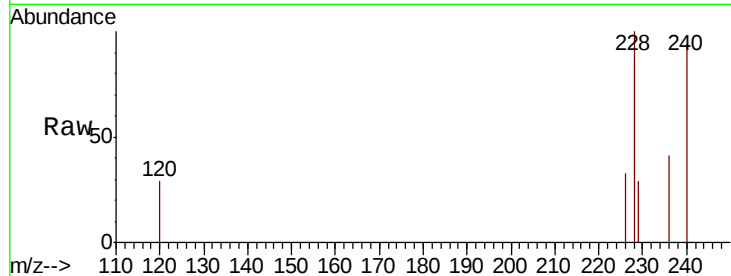
#18
Benzo(a)anthracene
Concen: 0.054 ng/ul
RT: 21.19 min Scan# 5814
Delta R.T. 0.00 min
Lab File: BM027157.D
Acq: 20 Aug 2020 15:11

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-06

Tot Ion	Ratio	Lower	Upper
228	100		
229	29.2	16.2	24.4#
226	33.3	22.4	33.6

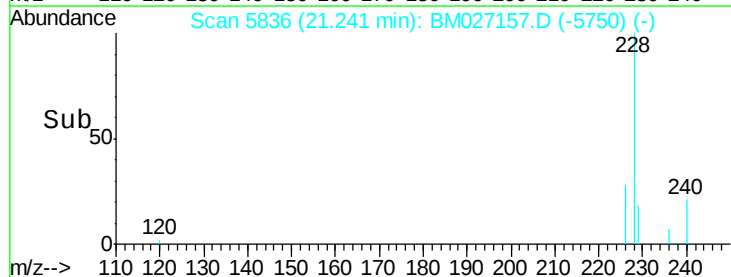
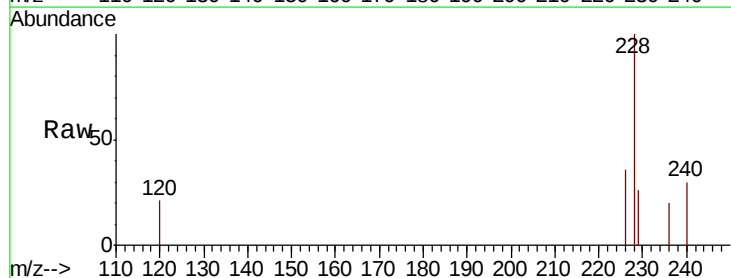
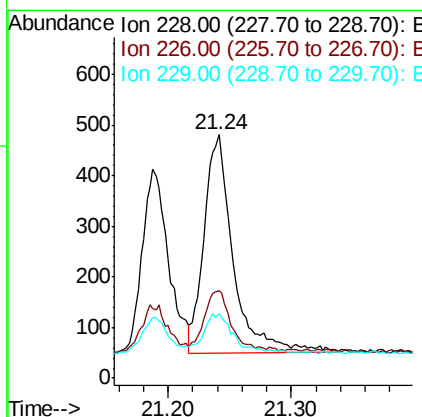
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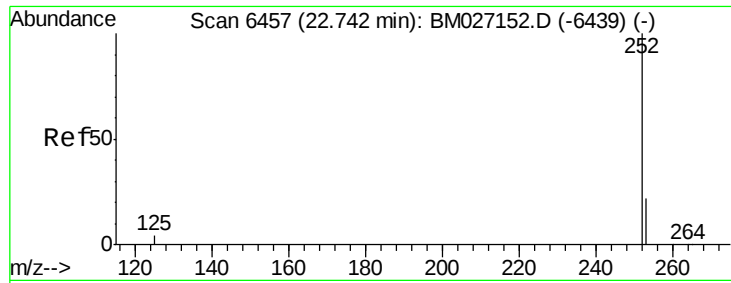
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#19
Chrysene
Concen: 0.064 ng/ul
RT: 21.24 min Scan# 5836
Delta R.T. 0.01 min
Lab File: BM027157.D
Acq: 20 Aug 2020 15:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.8	24.6	36.8
229	26.4	15.9	23.9#





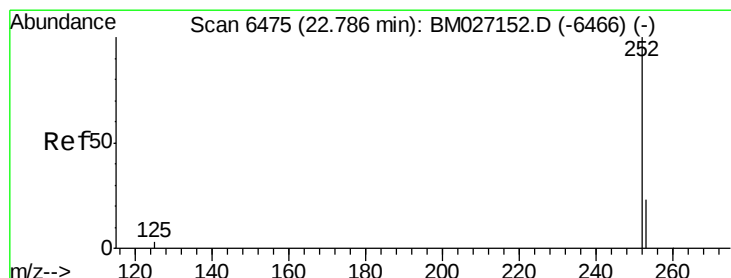
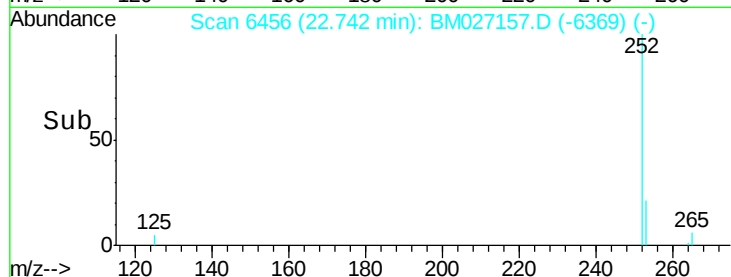
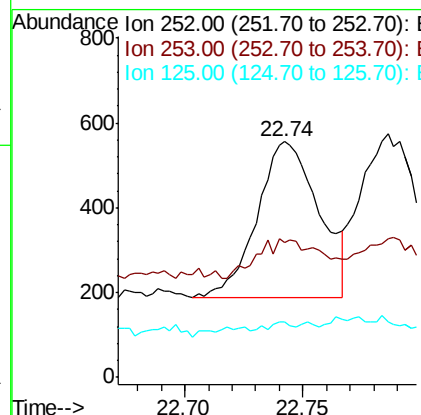
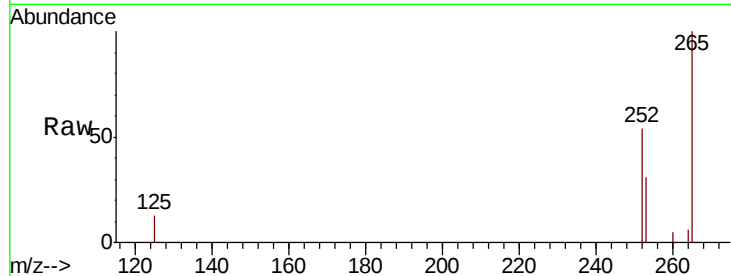
#21
Benzo(b)fluoranthene
Concen: 0.059 ng/u1
RT: 22.74 min Scan# 6456
Delta R.T. 0.01 min
Lab File: BM027157.D
Acq: 20 Aug 2020 15:11

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-06

Tot Ion	Ratio	Resp	Lower	Upper
252	100	673		
253	57.4		0.0	54.0#
125	23.6		0.0	20.8#

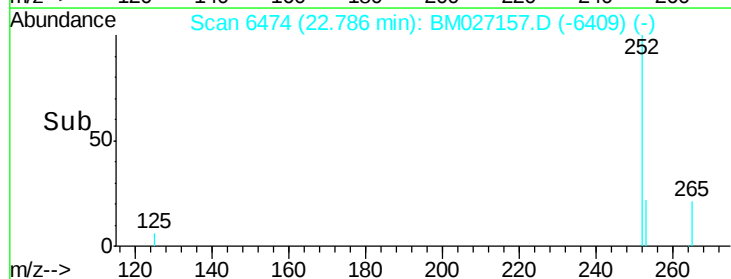
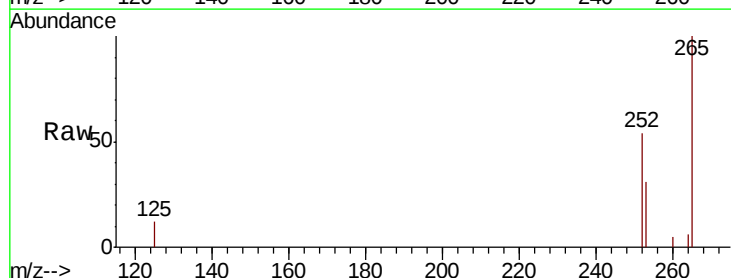
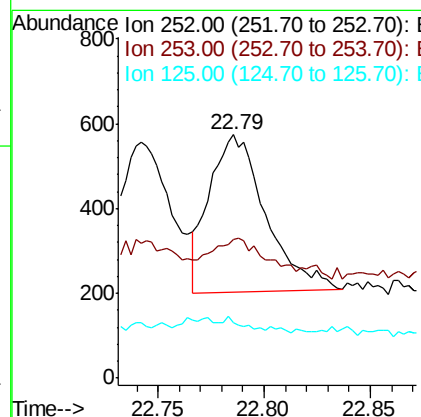
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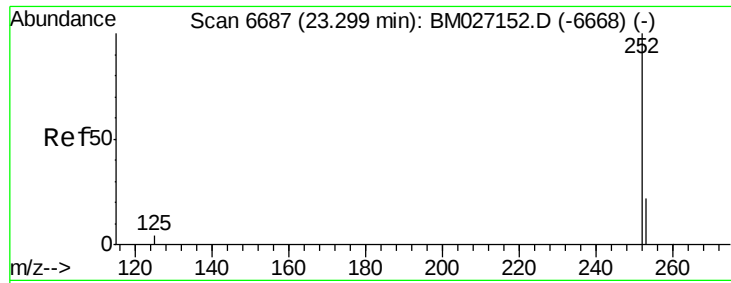
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#22
Benzo(k)fluoranthene
Concen: 0.058 ng/u1
RT: 22.79 min Scan# 6474
Delta R.T. 0.01 min
Lab File: BM027157.D
Acq: 20 Aug 2020 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	687		
253	57.1		21.7	32.5#
125	23.0		7.9	11.9#





#23

Benzo(a)pyrene

Concen: 0.054 ng/u1

RT: 23.30 min Scan# 6687

Delta R.T. 0.01 min

Lab File: BM027157.D

Acq: 20 Aug 2020 15:11

Instrument :

BNA_M

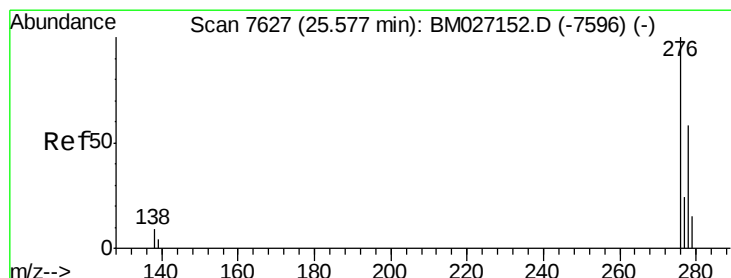
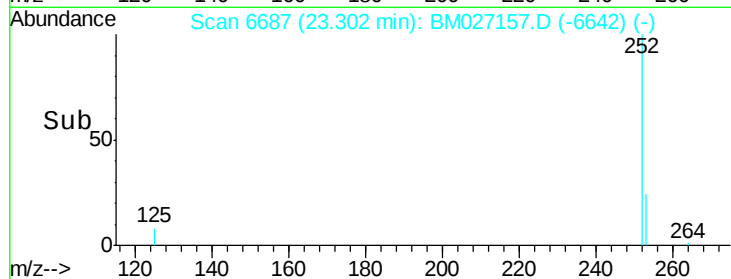
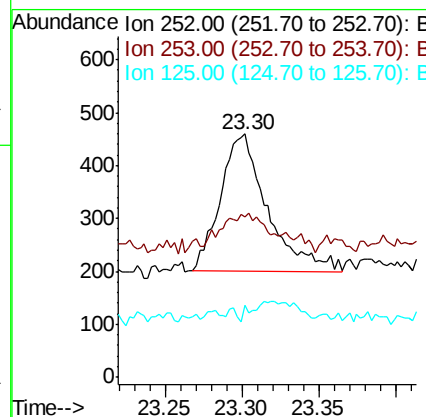
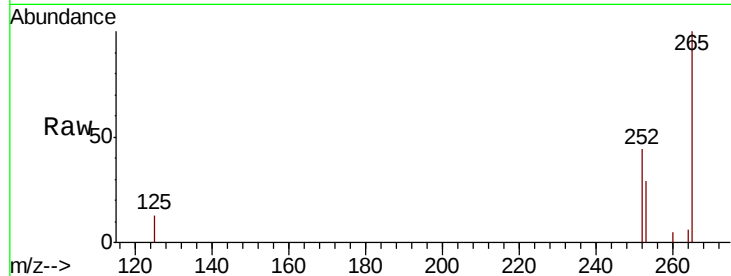
ClientSampleId :

MDL-SOIL-06

Tot Ion:	252	Resp:	551
Ion Ratio	Lower	Upper	
252	100		
253	65.7	23.4	35.0#
125	29.3	9.4	14.2#

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.051 ng/u1

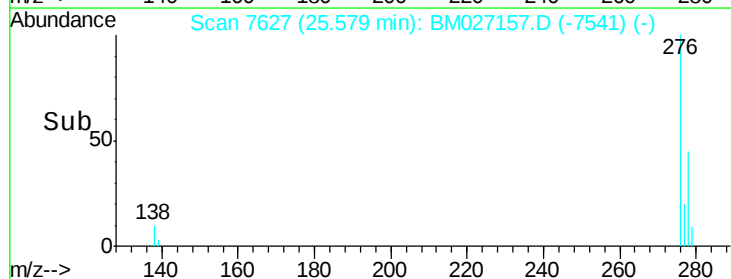
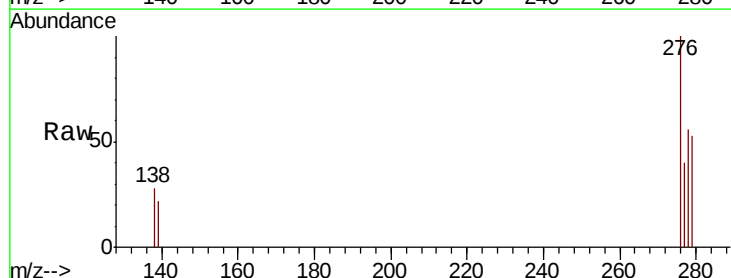
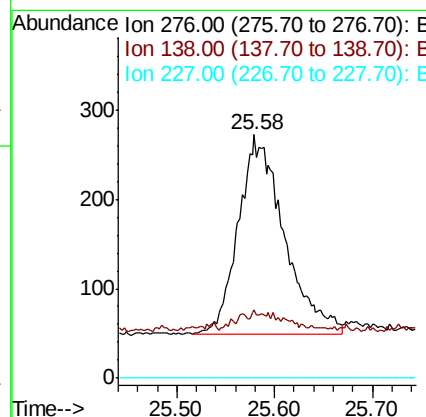
RT: 25.58 min Scan# 7627

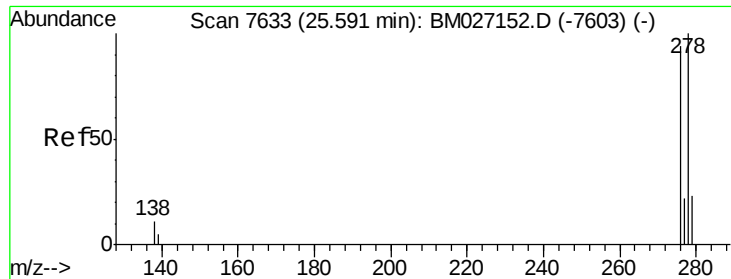
Delta R.T. 0.01 min

Lab File: BM027157.D

Acq: 20 Aug 2020 15:11

Tgt Ion:	276	Resp:	727
Ion Ratio	Lower	Upper	
276	100		
138	5.1	12.2	18.2#
227	0.0	0.0	0.0





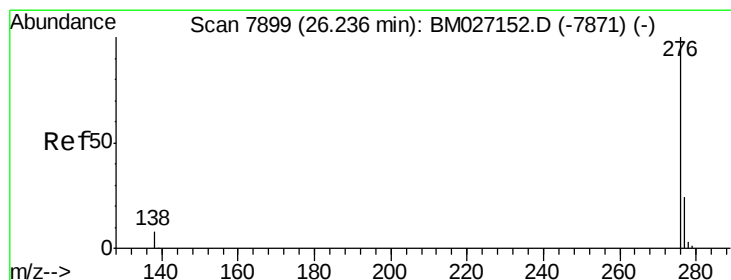
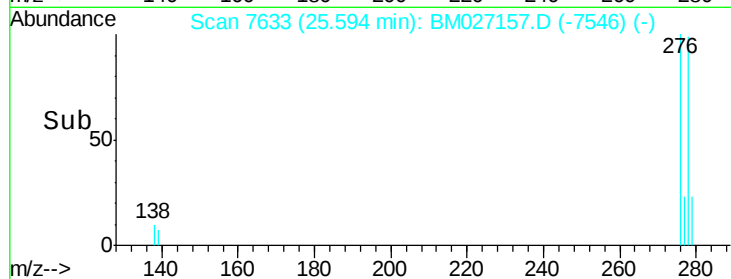
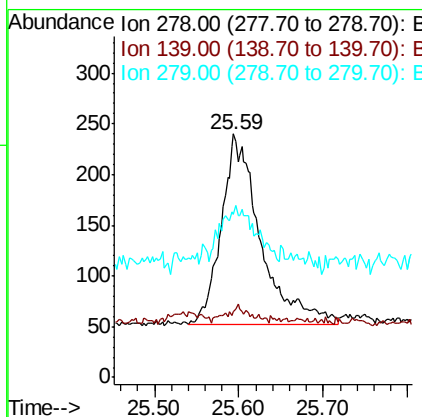
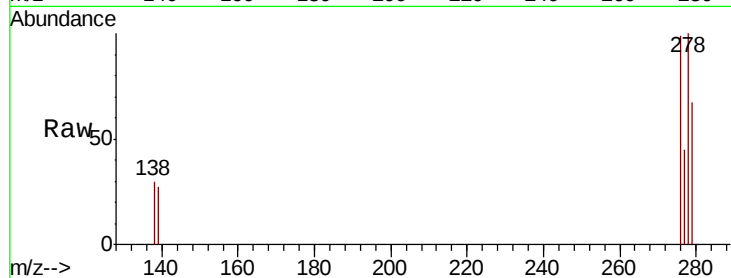
#25
Dibenzo(a,h)anthracene
Concen: 0.053 ng/ul
RT: 25.59 min Scan# 7633
Delta R.T. 0.01 min
Lab File: BM027157.D
Acq: 20 Aug 2020 15:11

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-06

Tot Ion	Ratio	Lower	Upper
278	100		
139	27.1	10.0	15.0#
279	67.1	22.9	34.3#

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 0.051 ng/ul
RT: 26.24 min Scan# 7899
Delta R.T. 0.01 min
Lab File: BM027157.D
Acq: 20 Aug 2020 15:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.6	12.0	18.0#
277	41.6	20.9	31.3#

