

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082020\
 Data File : BM027155.D
 Acq On : 20 Aug 2020 13:46
 Operator : JU/CG
 Sample : L1955-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-01

Manual Integrations
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Quant Time: Aug 20 14:18:00 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	483	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	1400	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	971	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	2772	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	2699	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	2789	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	870	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	3048	0.39	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.45	128	235	0.056	ng/ul#	33
5) 2-Methylnaphthalene	12.07	142	152	0.053	ng/ul	98
7) Acenaphthylene	13.98	152	239	0.057	ng/ul#	58
8) Acenaphthene	14.33	153	213	0.058	ng/ul	95
9) Fluorene	15.32	166	249	0.057	ng/ul#	89
11) Pentachlorophenol	16.69	266	54m	0.059	ng/ul	
12) Phenanthrene	17.05	178	548	0.058	ng/ul#	73
13) Anthracene	17.15	178	457	0.054	ng/ul#	63
15) Fluoranthene	19.07	202	678	0.060	ng/ul	74
17) Pyrene	19.43	202	697	0.060	ng/ul#	79
18) Benzo(a)anthracene	21.19	228	620	0.058	ng/ul#	88
19) Chrysene	21.24	228	787	0.068	ng/ul#	90
21) Benzo(b)fluoranthene	22.75	252	715	0.060	ng/ul#	43
22) Benzo(k)fluoranthene	22.79	252	769	0.062	ng/ul#	44
23) Benzo(a)pyrene	23.30	252	651	0.060	ng/ul#	32
24) Indeno(1,2,3-cd)pyrene	25.58	276	858	0.057	ng/ul#	82
25) Dibenzo(a,h)anthracene	25.61	278	722	0.059	ng/ul#	27
26) Benzo(g,h,i)perylene	26.25	276	761	0.059	ng/ul#	68

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

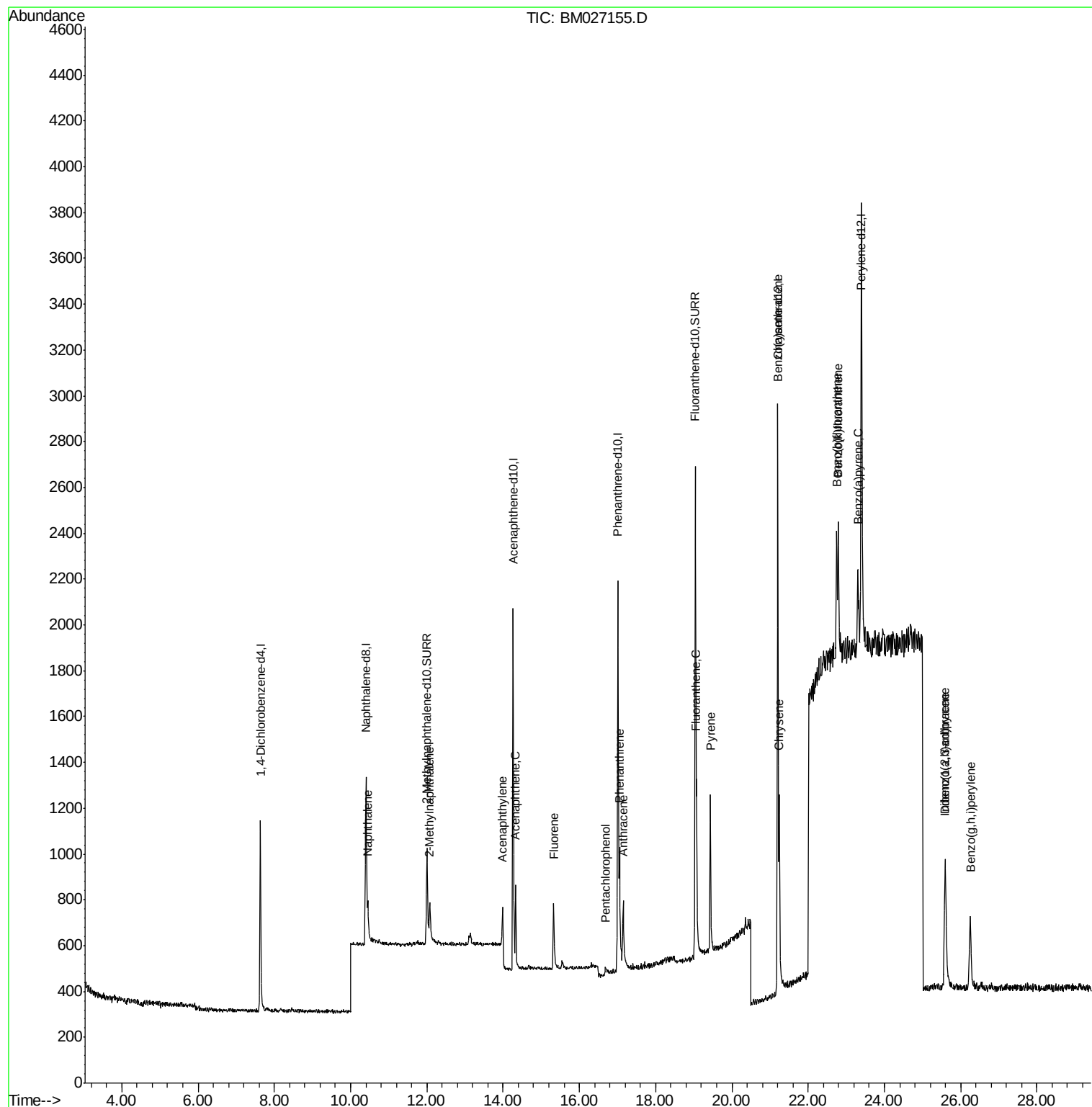
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082020\
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ALS Vial : 5 Sample Multiplier: 1

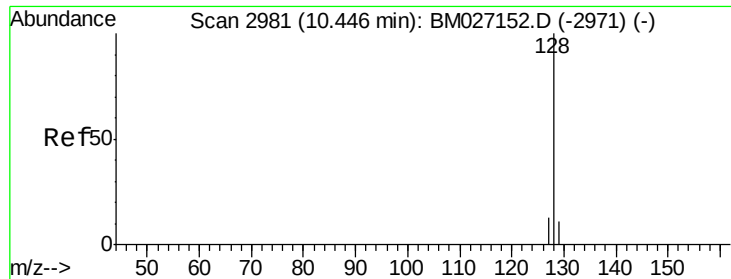
Instrument :
BNA_M
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MDL-WATER-01

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QLast Update : Thu Aug 20 06:55:50 2020
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#3

Naphthalene

Concen: 0.056 ng/ul

RT: 10.45 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BM027155.D

Acq: 20 Aug 2020 13:46

Instrument :

BNA_M

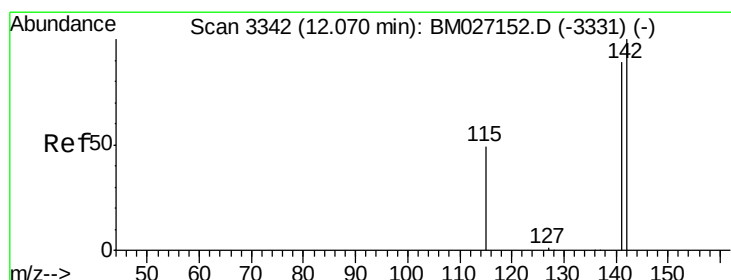
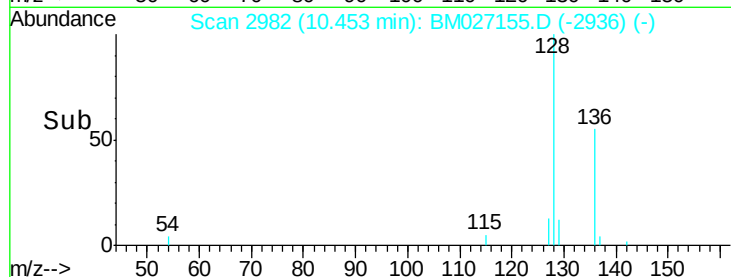
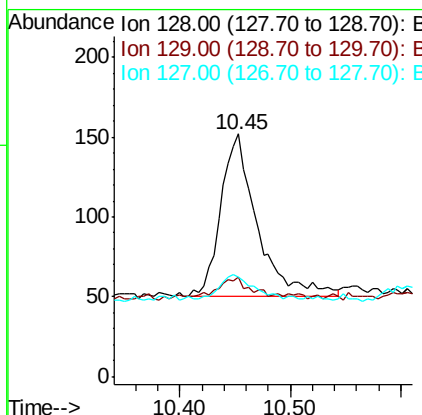
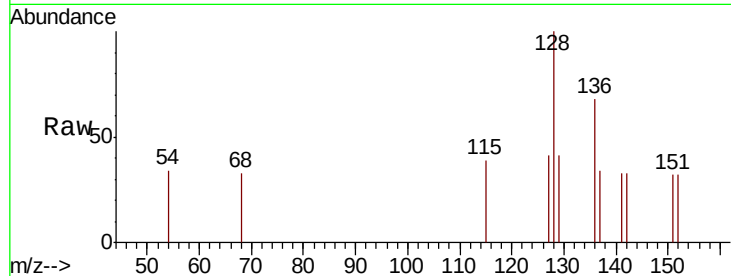
ClientSampleId :

MDL-WATER-01

Tot Ion:	128	Resp:	235
Ion	Ratio	Lower	Upper
128	100		
129	40.8	10.1	15.1#
127	40.8	11.6	17.4#

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#5

2-Methylnaphthalene

Concen: 0.053 ng/ul

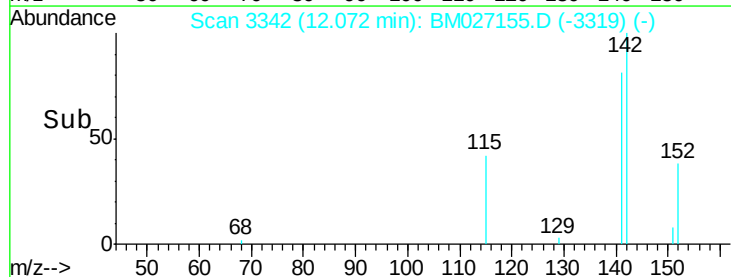
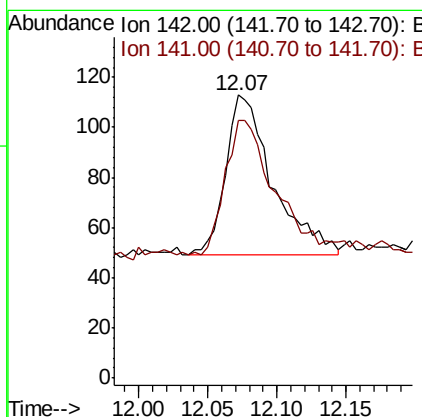
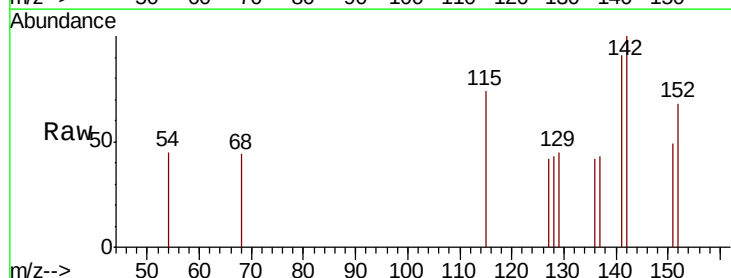
RT: 12.07 min Scan# 3342

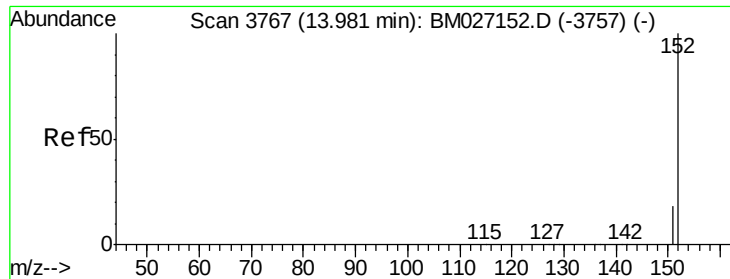
Delta R.T. 0.00 min

Lab File: BM027155.D

Acq: 20 Aug 2020 13:46

Tgt Ion:	142	Resp:	152
Ion	Ratio	Lower	Upper
142	100		
141	93.4	72.9	109.3





#7

Acenaphthylene

Concen: 0.057 ng/ul

RT: 13.98 min Scan# 3767

Delta R.T. 0.00 min

Lab File: BM027155.D

Acq: 20 Aug 2020 13:46

Instrument :

BNA_M

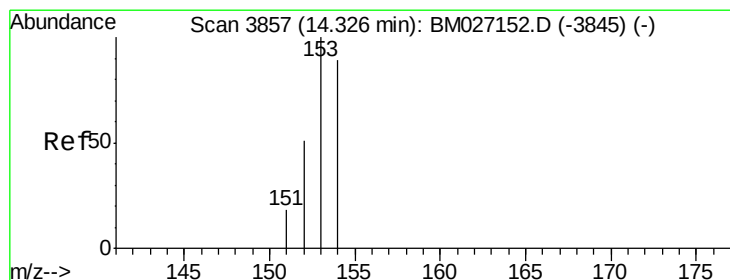
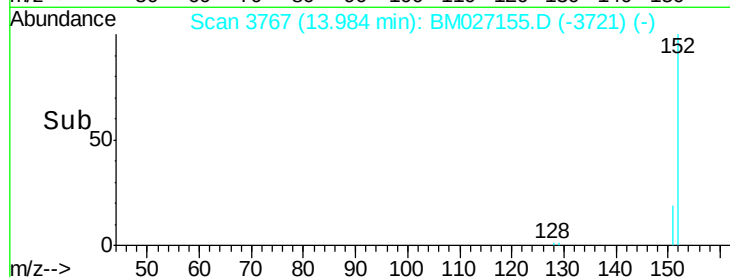
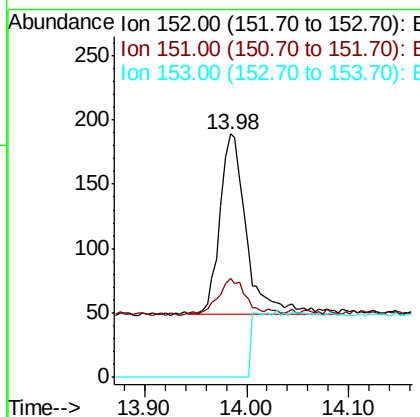
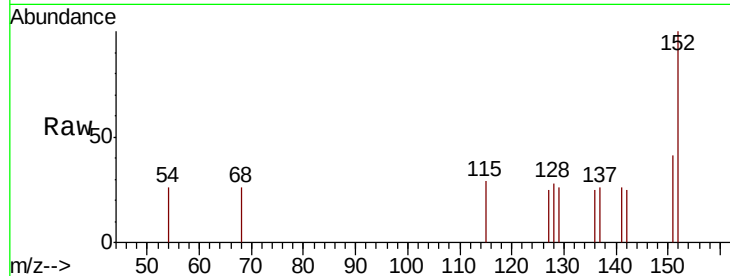
ClientSampleId :

MDL-WATER-01

Tot Ion:	152	Resp:	239
Ion Ratio	Lower	Upper	
152	100		
151	40.7	16.9	25.3#
153	0.0	0.0	0.0

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#8

Acenaphthene

Concen: 0.058 ng/ul

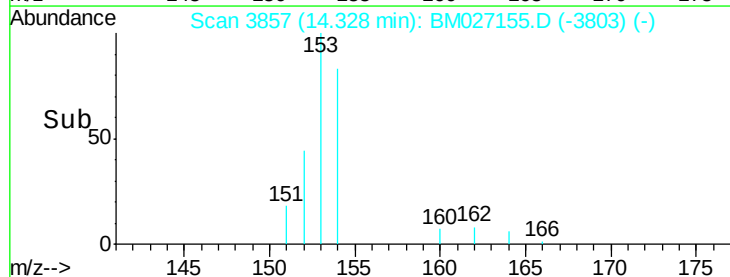
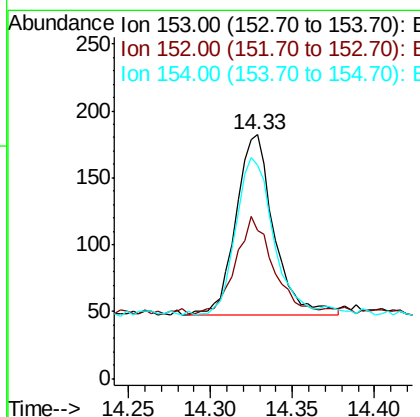
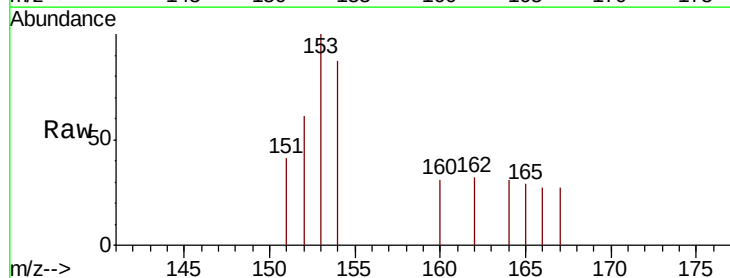
RT: 14.33 min Scan# 3857

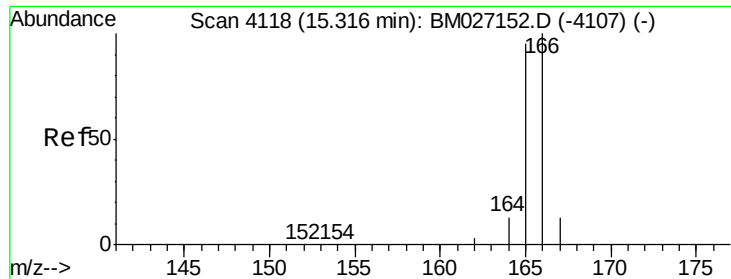
Delta R.T. 0.00 min

Lab File: BM027155.D

Acq: 20 Aug 2020 13:46

Tgt Ion:	153	Resp:	213
Ion Ratio	Lower	Upper	
153	100		
152	61.0	40.9	61.3
154	87.4	70.0	105.0





#9

Fluorene

Concen: 0.057 ng/ul

RT: 15.32 min Scan# 4119

Delta R.T. 0.01 min

Lab File: BM027155.D

Acq: 20 Aug 2020 13:46

Instrument :

BNA_M

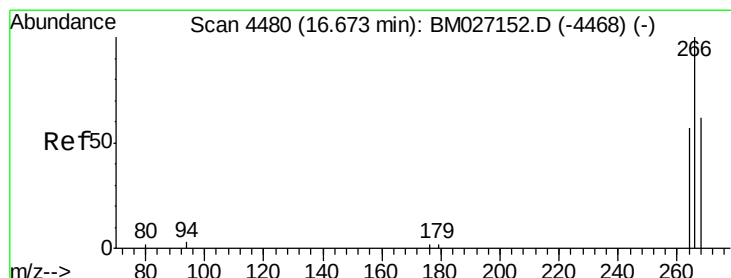
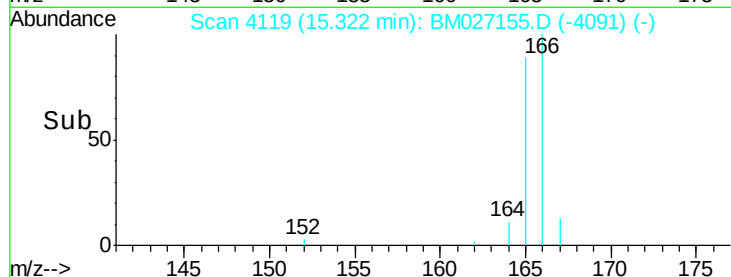
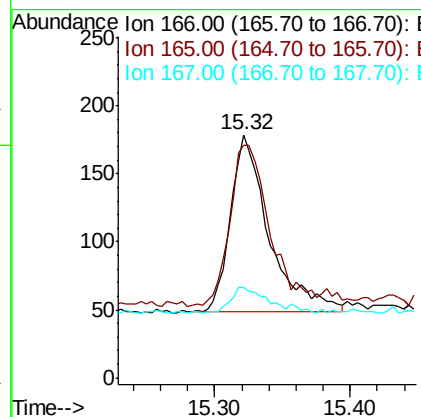
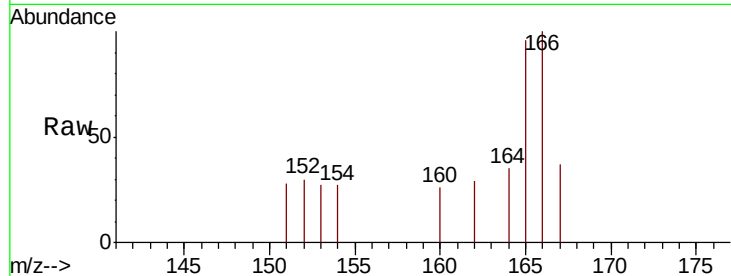
ClientSampleId :

MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.5	79.8	119.6
167	37.4	12.1	18.1#

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#11

Pentachlorophenol

Concen: 0.059 ng/ul m

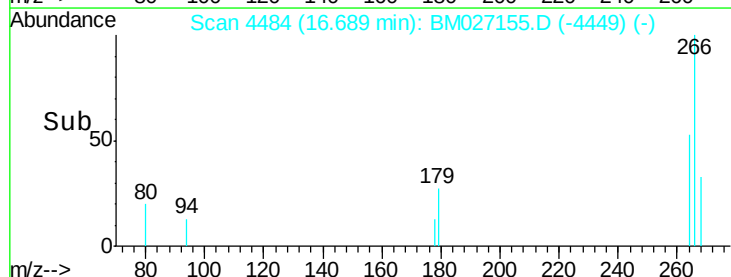
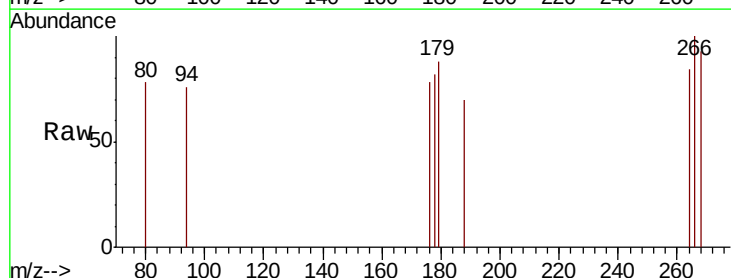
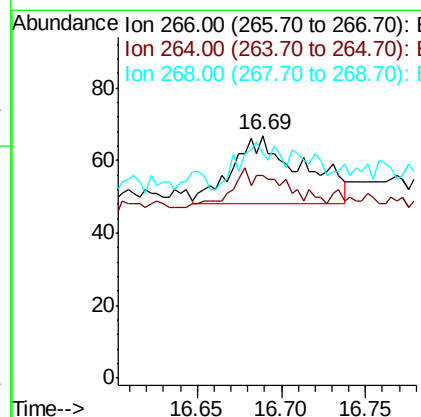
RT: 16.69 min Scan# 4484

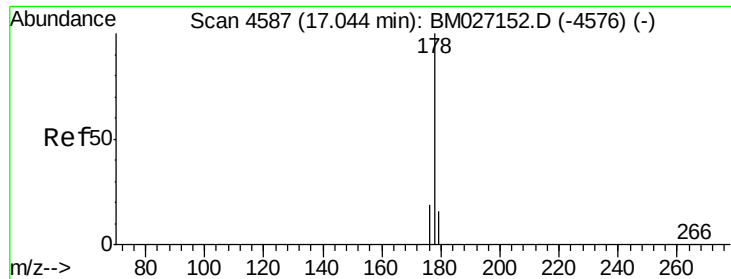
Delta R.T. 0.02 min

Lab File: BM027155.D

Acq: 20 Aug 2020 13:46

Tgt Ion	Ratio	Lower	Upper
266	100		
264	38.9	47.8	71.8#
268	38.9	48.5	72.7#





#12

Phenanthrene

Concen: 0.058 ng/ul

RT: 17.05 min Scan# 4588

Delta R.T. 0.00 min

Lab File: BM027155.D

Acq: 20 Aug 2020 13:46

Instrument :

BNA_M

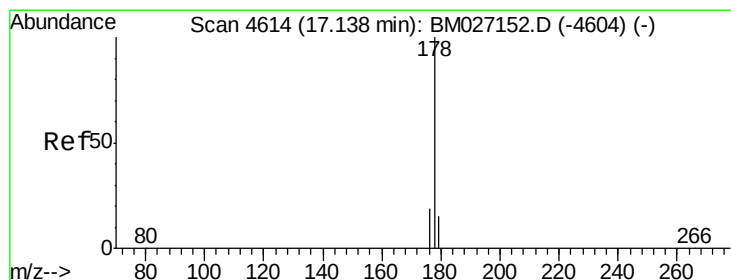
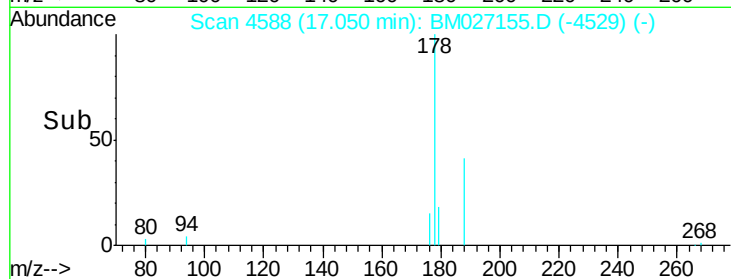
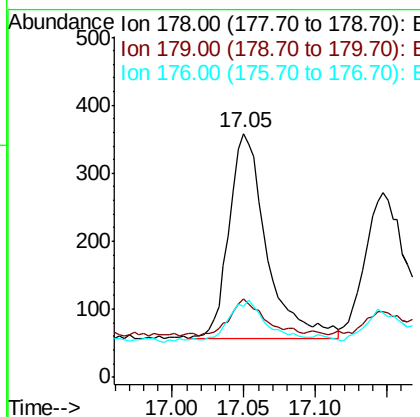
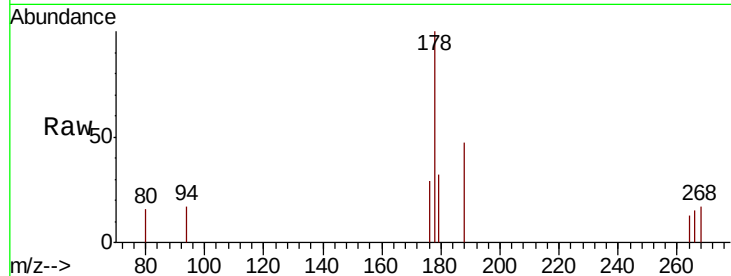
ClientSampleId :

MDL-WATER-01

Tot Ion:	178	Resp:	548
Ion Ratio	Lower	Upper	
178	100		
179	32.1	13.4	20.2#
176	28.8	16.0	24.0#

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#13

Anthracene

Concen: 0.054 ng/ul

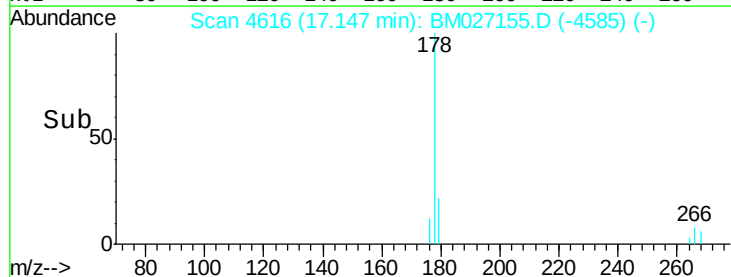
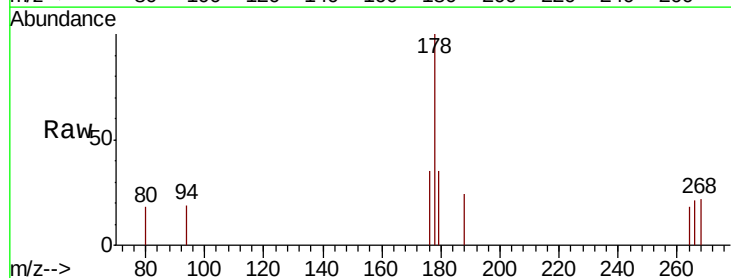
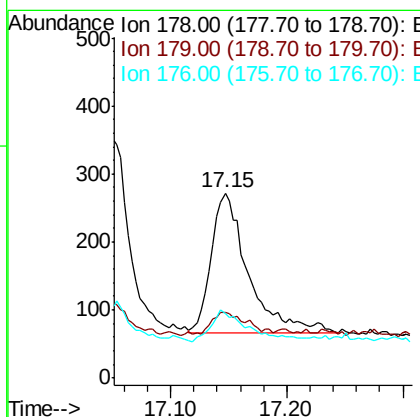
RT: 17.15 min Scan# 4616

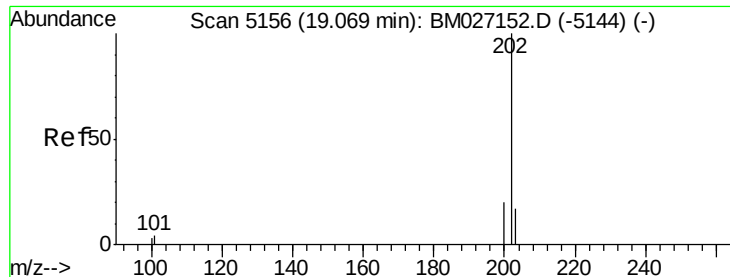
Delta R.T. 0.01 min

Lab File: BM027155.D

Acq: 20 Aug 2020 13:46

Tgt Ion:	178	Resp:	457
Ion Ratio	Lower	Upper	
178	100		
179	35.3	13.7	20.5#
176	34.6	15.5	23.3#





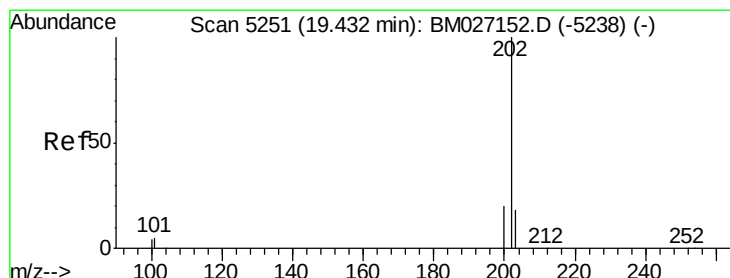
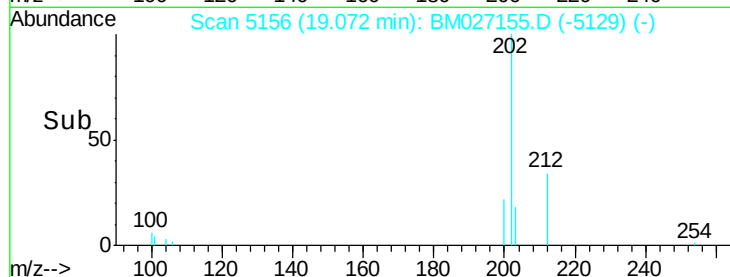
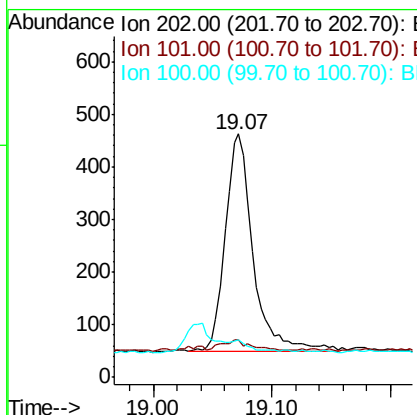
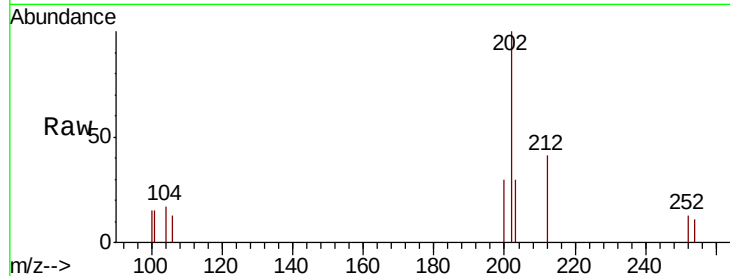
#15
Fluoranthene
Concen: 0.060 ng/ul
RT: 19.07 min Scan# 5156
Delta R.T. 0.00 min
Lab File: BM027155.D
Acq: 20 Aug 2020 13:46

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-01

Tot Ion	Ratio	Resp	Lower	Upper
202	100	678		
101	15.3		0.0	27.1
100	15.3		0.0	25.7

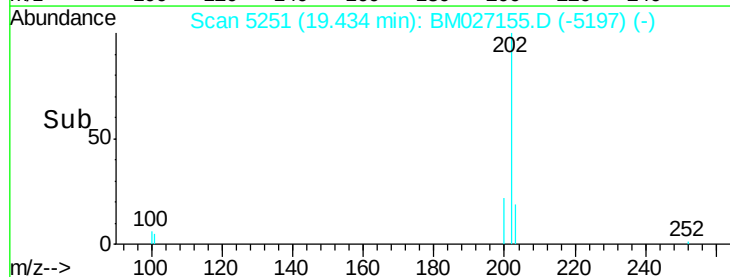
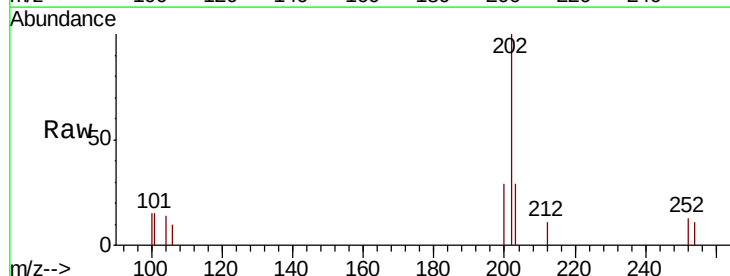
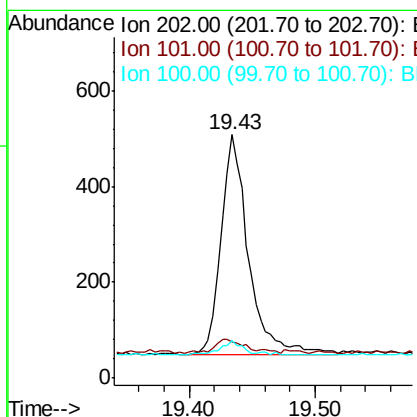
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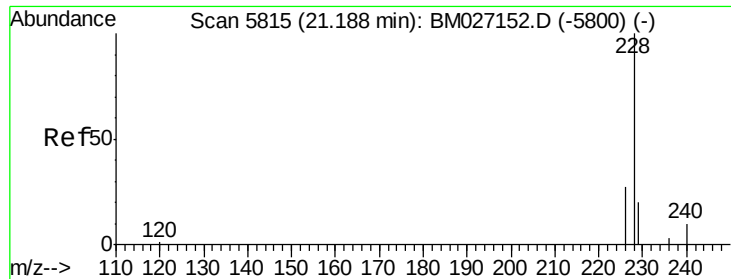
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#17
Pyrene
Concen: 0.060 ng/ul
RT: 19.43 min Scan# 5251
Delta R.T. 0.00 min
Lab File: BM027155.D
Acq: 20 Aug 2020 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	697		
101	15.0		6.6	9.8#
100	15.4		5.6	8.4#





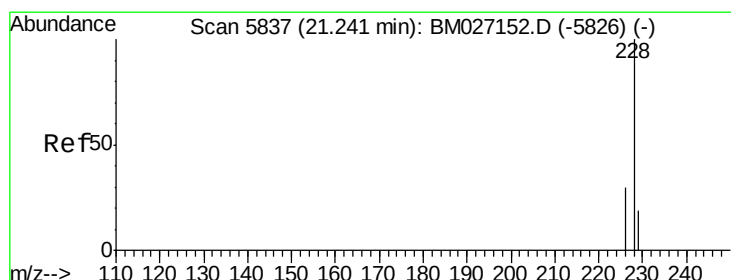
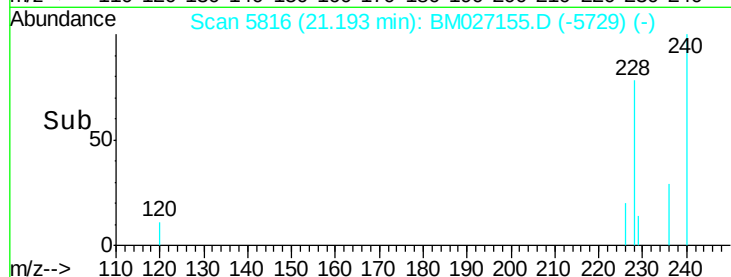
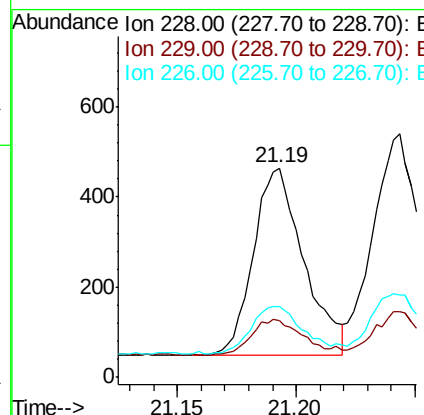
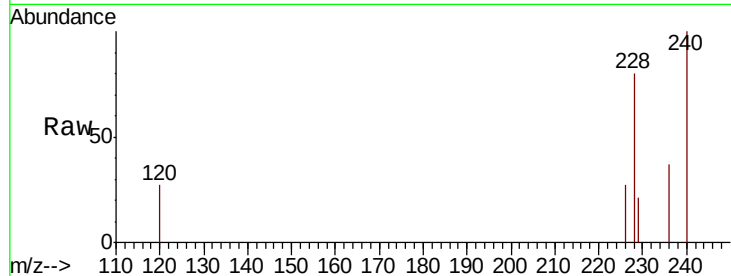
#18
Benzo(a)anthracene
Concen: 0.058 ng/ul
RT: 21.19 min Scan# 5816
Delta R.T. 0.01 min
Lab File: BM027155.D
Acq: 20 Aug 2020 13:46

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
228	100		
229	26.9	16.2	24.4#
226	33.5	22.4	33.6

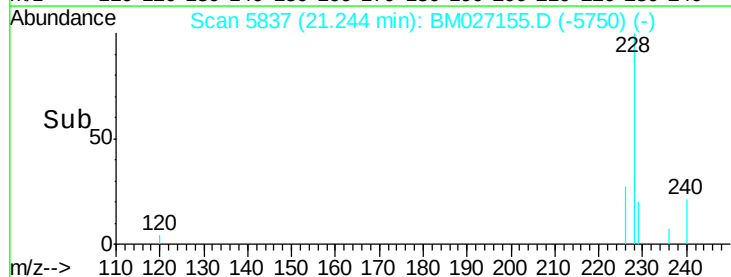
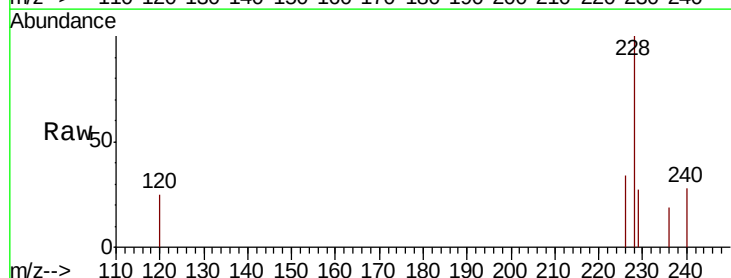
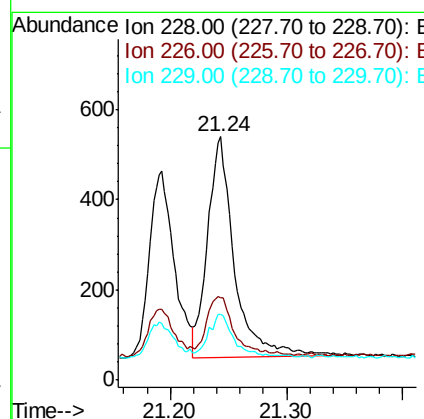
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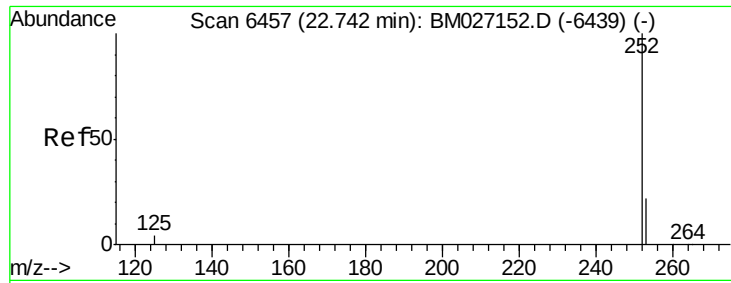
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#19
Chrysene
Concen: 0.068 ng/ul
RT: 21.24 min Scan# 5837
Delta R.T. 0.01 min
Lab File: BM027155.D
Acq: 20 Aug 2020 13:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.9	24.6	36.8
229	27.0	15.9	23.9#





#21

Benzo(b)fluoranthene

Concen: 0.060 ng/ul

RT: 22.75 min Scan# 6458

Delta R.T. 0.01 min

Lab File: BM027155.D

Acq: 20 Aug 2020 13:46

Instrument :

BNA_M

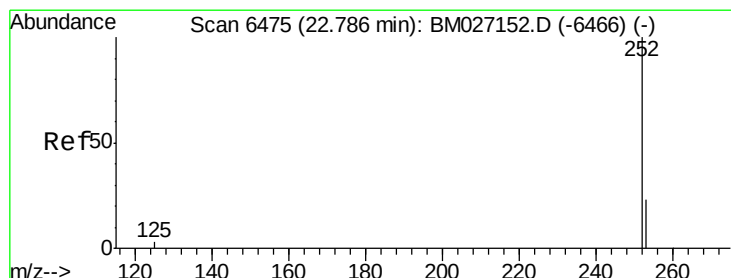
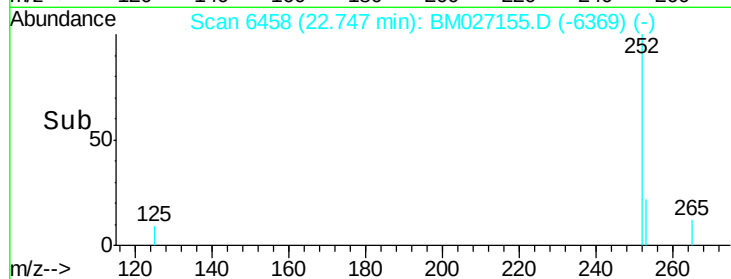
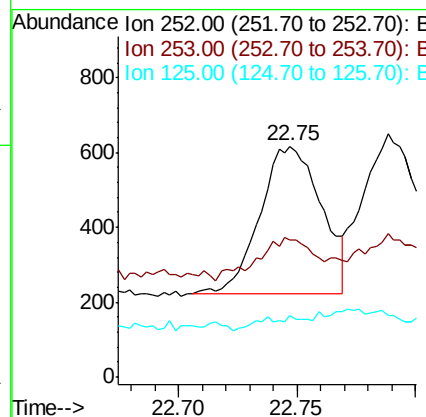
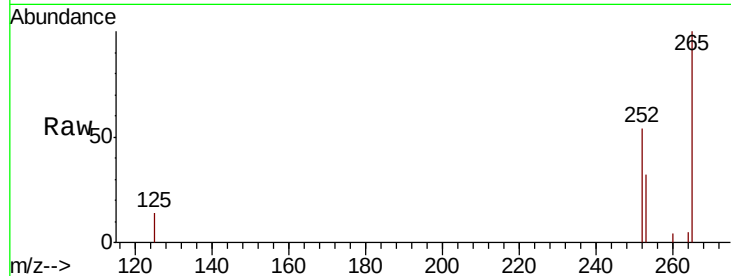
ClientSampleId :

MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	59.2	0.0	54.0#
125	26.9	0.0	20.8#

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#22

Benzo(k)fluoranthene

Concen: 0.062 ng/ul

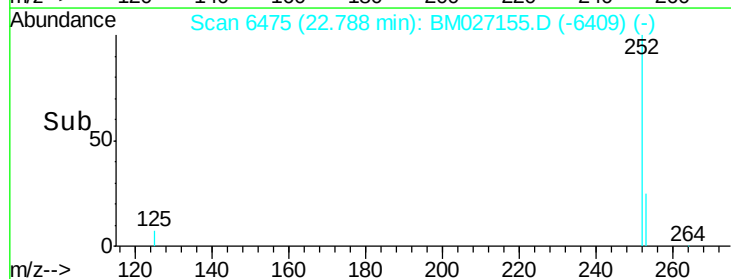
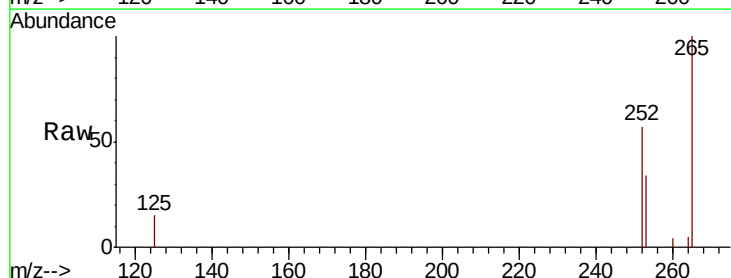
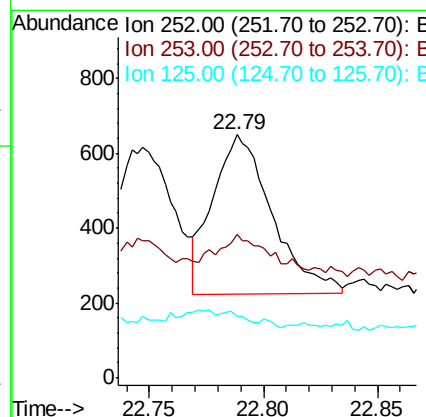
RT: 22.79 min Scan# 6475

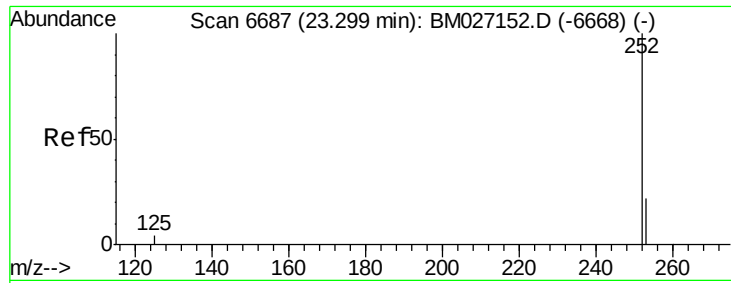
Delta R.T. 0.01 min

Lab File: BM027155.D

Acq: 20 Aug 2020 13:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	58.9	21.7	32.5#
125	25.5	7.9	11.9#





#23

Benzo(a)pyrene

Concen: 0.060 ng/ul

RT: 23.30 min Scan# 6687

Delta R.T. 0.01 min

Lab File: BM027155.D

Acq: 20 Aug 2020 13:46

Instrument :

BNA_M

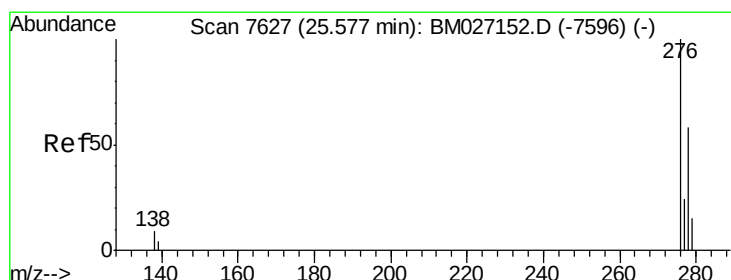
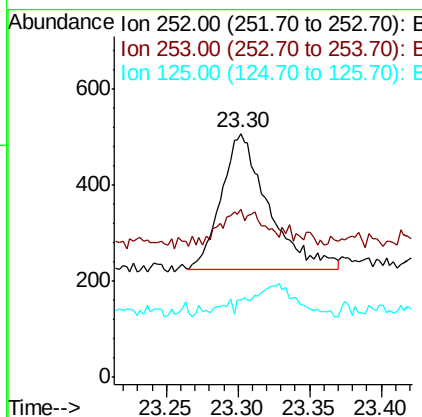
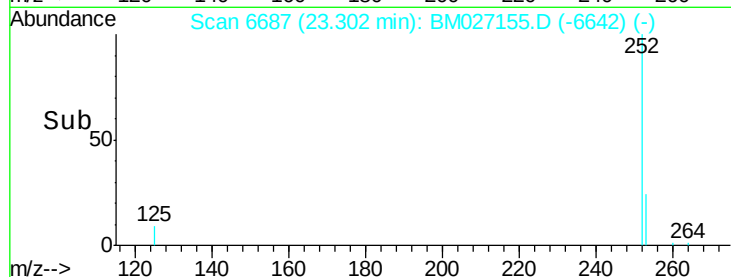
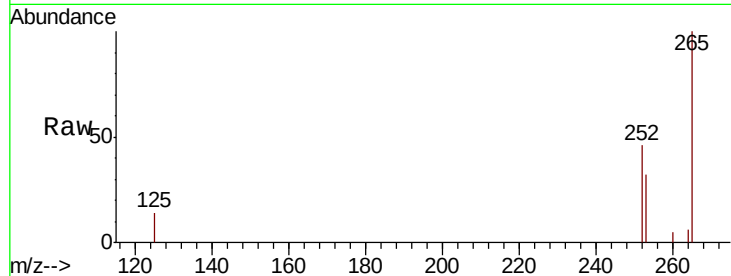
ClientSampleId :

MDL-WATER-01

Tot Ion:	252	Resp:	651
Ion Ratio	Lower	Upper	
252	100		
253	69.2	23.4	35.0#
125	31.6	9.4	14.2#

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.057 ng/ul

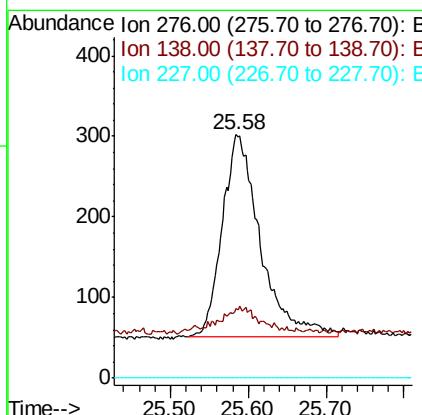
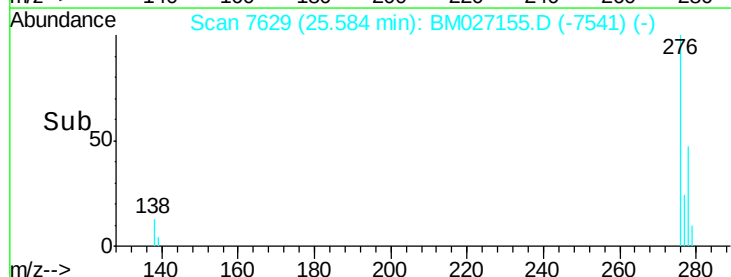
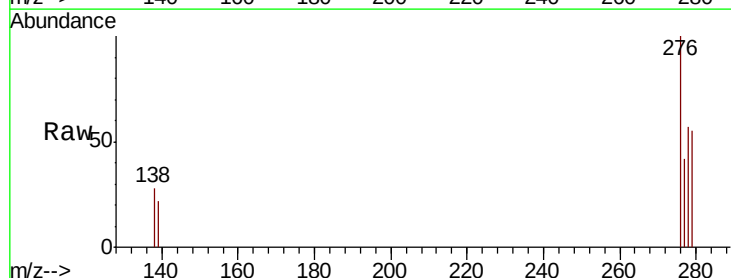
RT: 25.58 min Scan# 7629

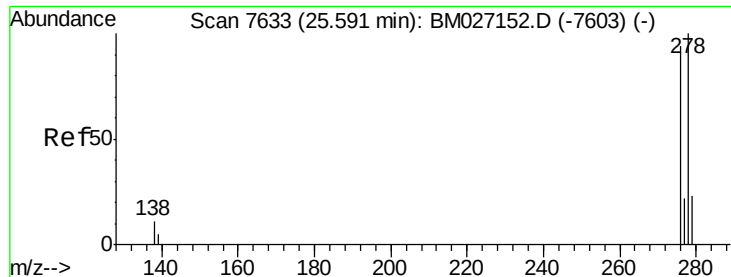
Delta R.T. 0.01 min

Lab File: BM027155.D

Acq: 20 Aug 2020 13:46

Tgt Ion:	276	Resp:	858
Ion Ratio	Lower	Upper	
276	100		
138	7.8	12.2	18.2#
227	0.0	0.0	0.0





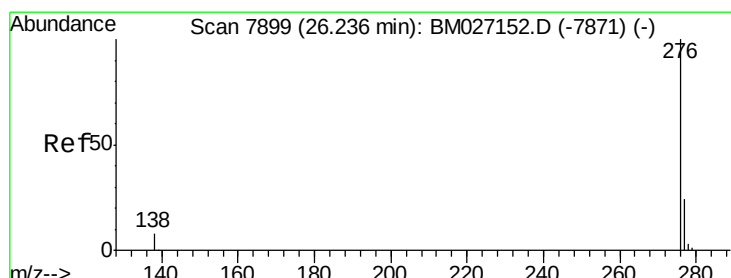
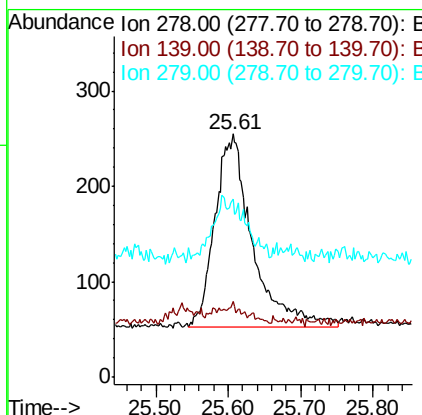
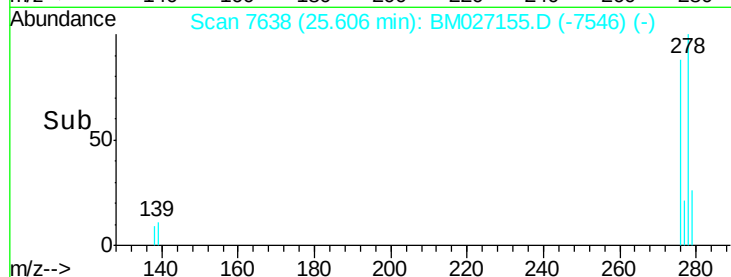
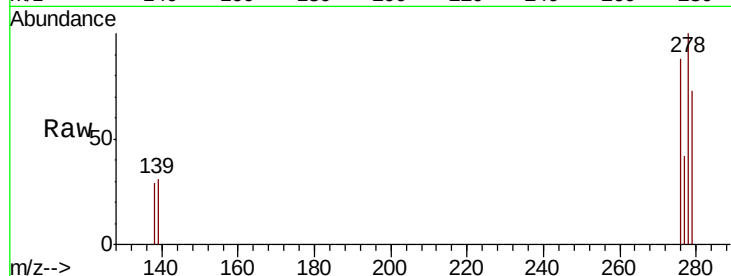
#25
Dibenzo(a,h)anthracene
Concen: 0.059 ng/ul
RT: 25.61 min Scan# 7638
Delta R.T. 0.02 min
Lab File: BM027155.D
Acq: 20 Aug 2020 13:46

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
278	100		
139	31.0	10.0	15.0#
279	73.3	22.9	34.3#

Manual Integrations
APPROVED

mohammad
8/21/2020 12:49:28 PM



#26
Benzo(g,h,i)perylene
Concen: 0.059 ng/ul
RT: 26.25 min Scan# 7904
Delta R.T. 0.02 min
Lab File: BM027155.D
Acq: 20 Aug 2020 13:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.8	12.0	18.0#
277	43.1	20.9	31.3#

