

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060520\
 Data File : BN010782.D
 Acq On : 05 Jun 2020 15:21
 Operator : CG/JU
 Sample : L1955-12
 Misc : MDL-WTR-05
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-05

Manual Integrations
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Quant Time: Jun 05 15:50:54 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 : Fri Jun 05 10:29:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1750	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	5517	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.19	164	2898	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5727	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	4566	0.40	ng/ul	0.00
20) Perylene-d12	23.30	264	4189	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	2592	0.20	ng/ul	0.01
14) Fluoranthene-d10	18.98	212	5132	0.21	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.37	128	1031	0.063	ng/ul#	80
5) 2-Methylnaphthalene	11.99	142	618	0.061	ng/ul	97
7) Acenaphthylene	13.91	152	795	0.062	ng/ul#	84
8) Acenaphthene	14.25	153	658	0.061	ng/ul	96
9) Fluorene	15.25	166	707	0.059	ng/ul#	96
11) Pentachlorophenol	16.62	266	73	0.054	ng/ul#	77
12) Phenanthrene	16.98	178	1135	0.061	ng/ul#	86
13) Anthracene	17.08	178	866	0.056	ng/ul#	81
15) Fluoranthene	19.00	202	1263	0.060	ng/ul	88
17) Pyrene	19.37	202	1270	0.064	ng/ul#	90
18) Benzo(a)anthracene	21.13	228	976m	0.060	ng/ul	
19) Chrysene	21.18	228	1340	0.065	ng/ul	94
21) Benzo(b)fluoranthene	22.66	252	1145	0.061	ng/ul#	49
22) Benzo(k)fluoranthene	22.71	252	1152	0.058	ng/ul#	44
23) Benzo(a)pyrene	23.21	252	907	0.058	ng/ul#	31
24) Indeno(1,2,3-cd)pyrene	25.43	276	1284	0.059	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.44	278	1094	0.062	ng/ul#	48
26) Benzo(g,h,i)perylene	26.06	276	1233	0.062	ng/ul#	81

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

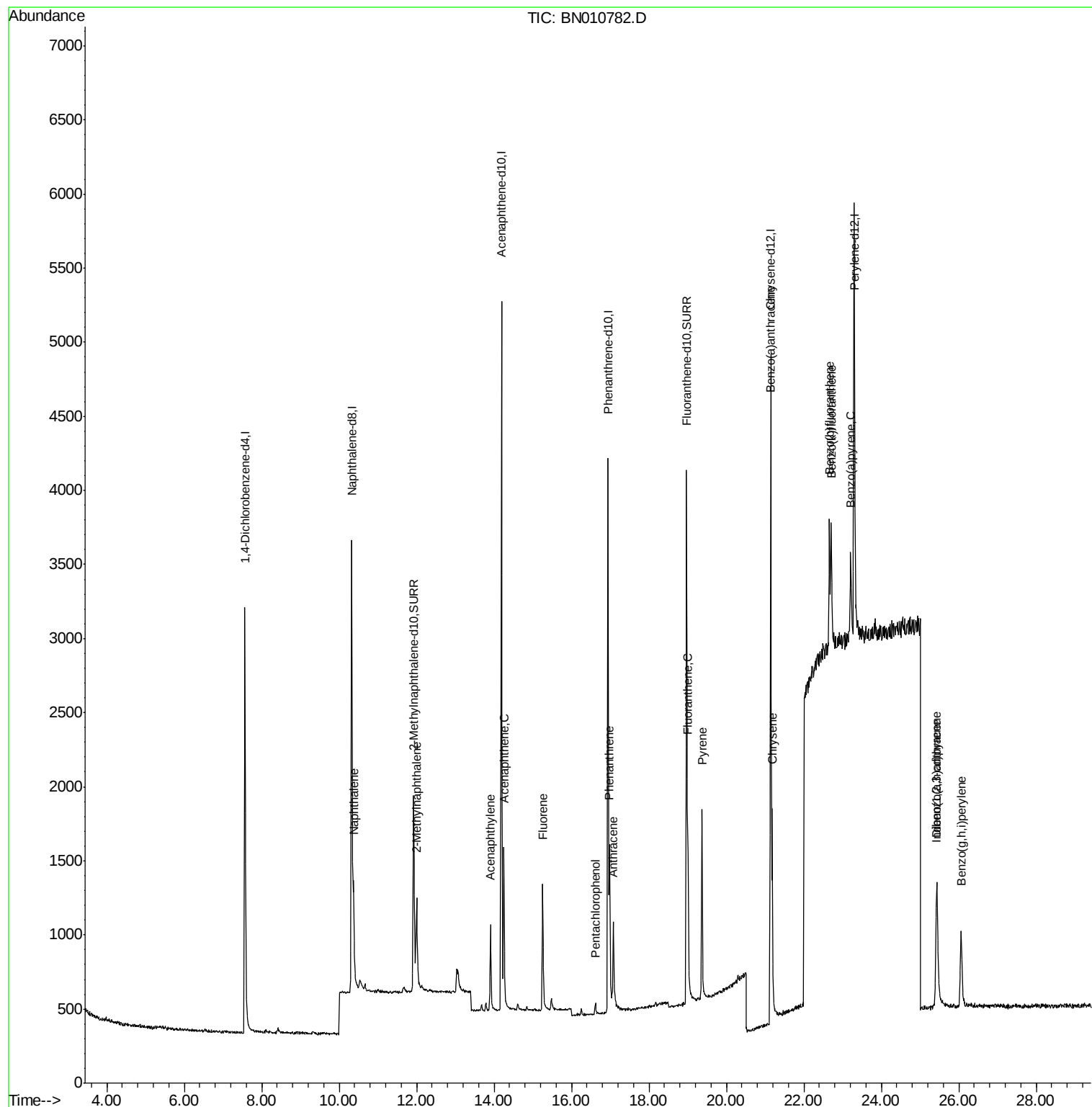
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060520\
Data File : BN010782.D
Acq On : 05 Jun 2020 15:21
Operator : CG/JU
Sample : L1955-12
Misc : MDL-WTR-05
ALS Vial : 10 Sample Multiplier: 1

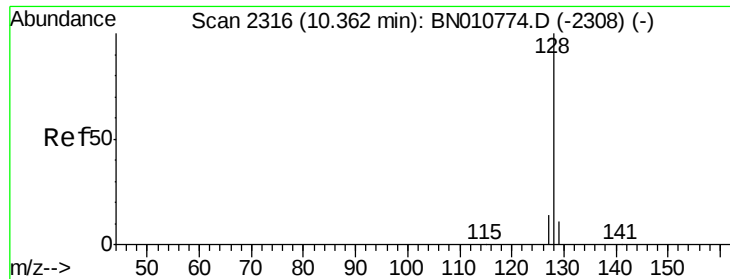
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-05

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Quant Time: Jun 05 15:50:54 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 : Fri Jun 05 10:29:34 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.063 ng/ul

RT: 10.37 min Scan# 2318

Delta R.T. 0.01 min

Lab File: BN010782.D

Acq: 05 Jun 2020 15:21

Instrument :

BNA_N

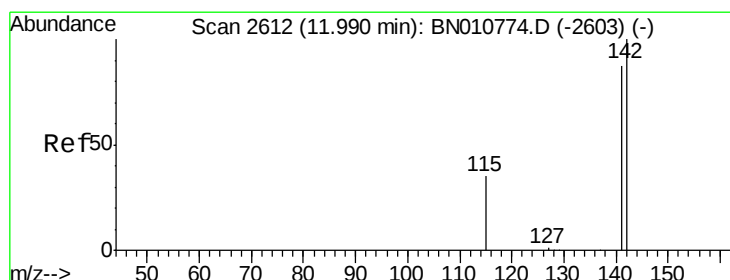
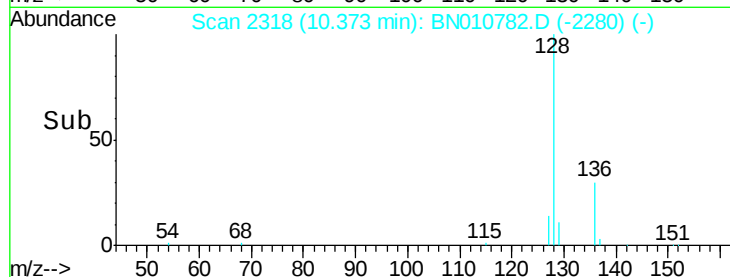
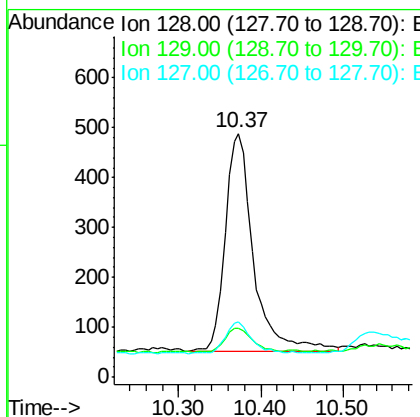
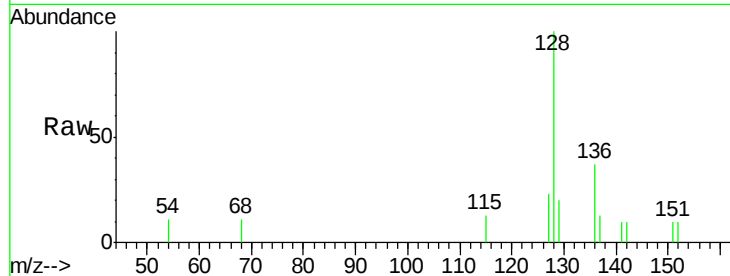
ClientSampleId :

MDL-WATER-05

Tot Ion:	128	Resp:	1031
Ion Ratio	Lower	Upper	
128	100		
129	20.3	9.9	14.9#
127	22.5	11.7	17.5#

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#5

2-Methylnaphthalene

Concen: 0.061 ng/ul

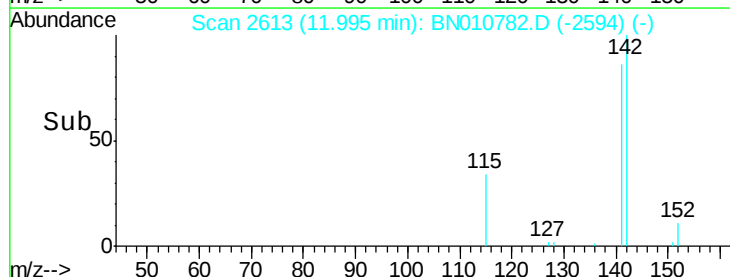
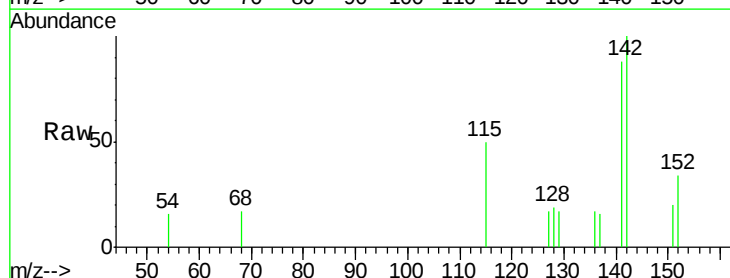
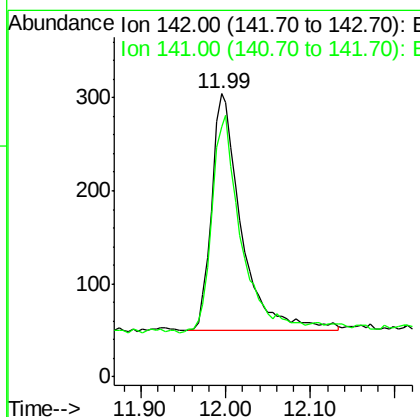
RT: 11.99 min Scan# 2613

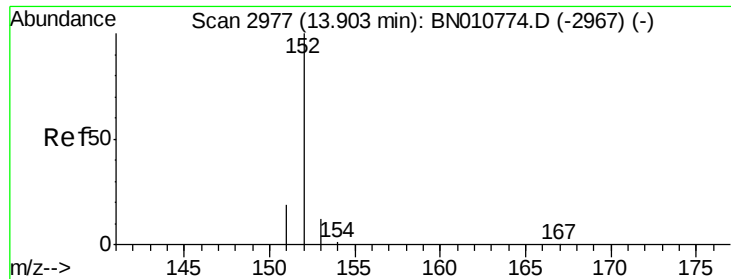
Delta R.T. 0.01 min

Lab File: BN010782.D

Acq: 05 Jun 2020 15:21

Tgt Ion:	142	Resp:	618
Ion Ratio	Lower	Upper	
142	100		
141	93.0	72.1	108.1





#7

Acenaphthylene

Concen: 0.062 ng/ul

RT: 13.91 min Scan# 2978

Delta R.T. 0.00 min

Lab File: BN010782.D

Acq: 05 Jun 2020 15:21

Instrument :

BNA_N

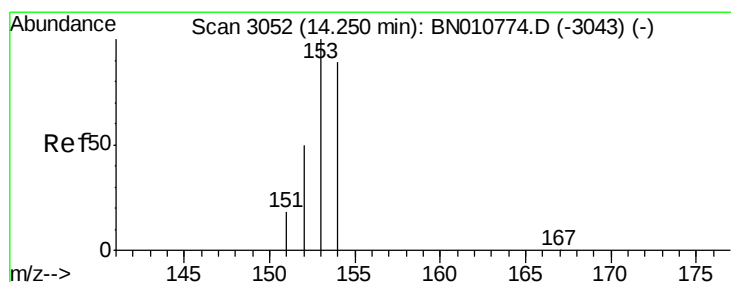
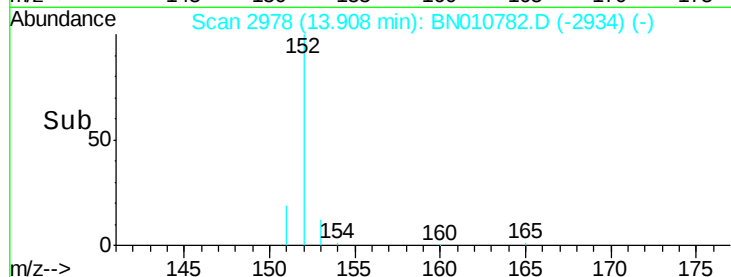
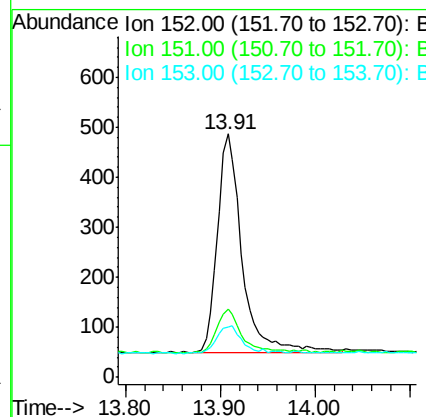
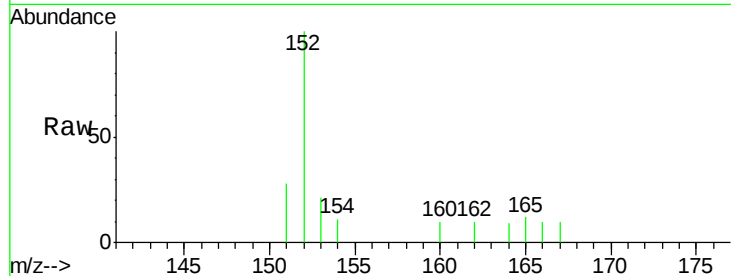
ClientSampleId :

MDL-WATER-05

Tot Ion	Ion	Ratio	Lower	Upper
795	152	100		
	151	27.7	16.3	24.5#
	153	20.7	11.4	17.2#

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#8

Acenaphthene

Concen: 0.061 ng/ul

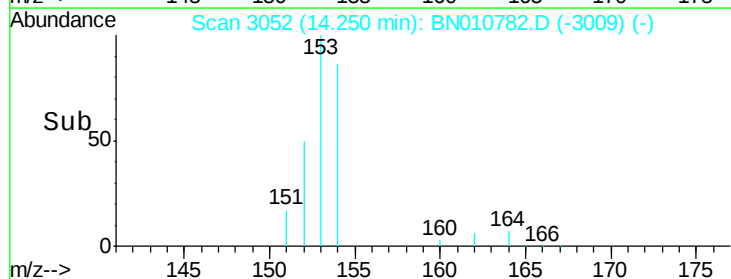
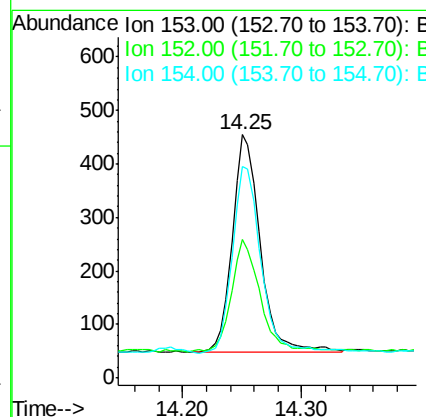
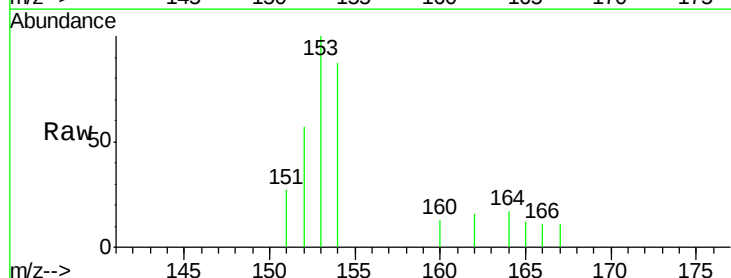
RT: 14.25 min Scan# 3052

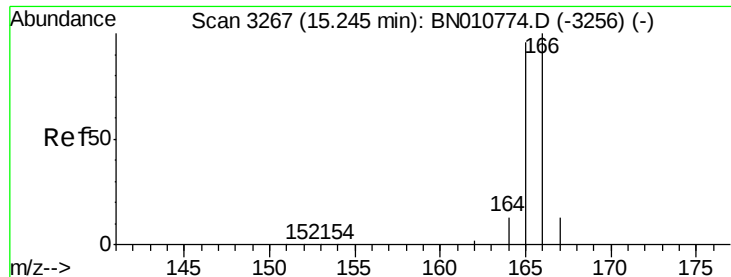
Delta R.T. -0.00 min

Lab File: BN010782.D

Acq: 05 Jun 2020 15:21

Tgt Ion	Ion	Ratio	Lower	Upper
658	153	100		
	152	56.9	40.1	60.1
	154	87.0	70.6	106.0





#9

Fluorene

Concen: 0.059 ng/ul

RT: 15.25 min Scan# 3269

Delta R.T. 0.01 min

Lab File: BN010782.D

Acq: 05 Jun 2020 15:21

Instrument :

BNA_N

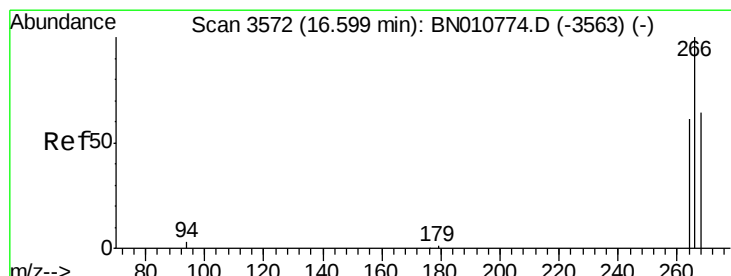
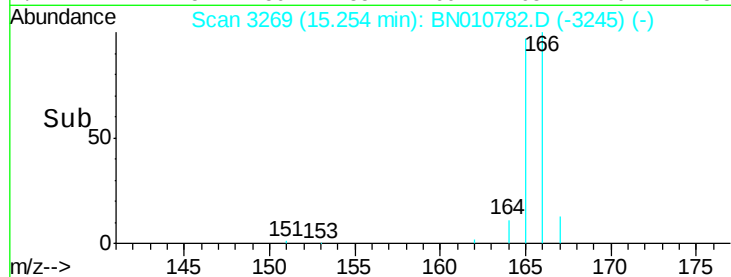
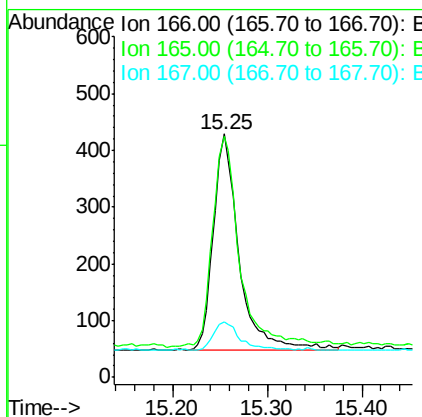
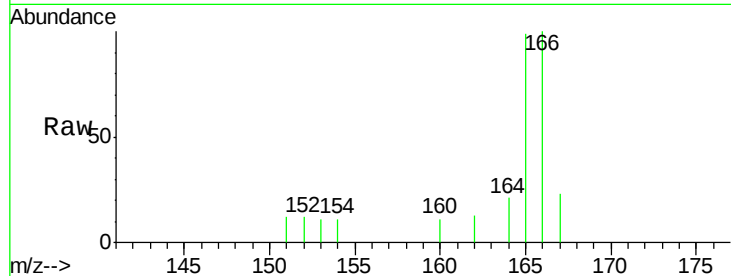
ClientSampleId :

MDL-WATER-05

Tot Ion:	166	Resp:	707
Ion Ratio	Lower	Upper	
166	100		
165	98.8	77.3	115.9
167	22.6	12.1	18.1#

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#11

Pentachlorophenol

Concen: 0.054 ng/ul

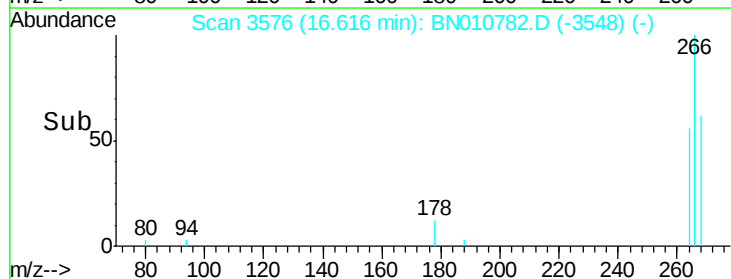
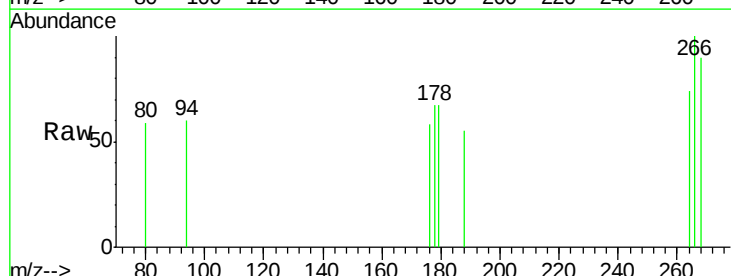
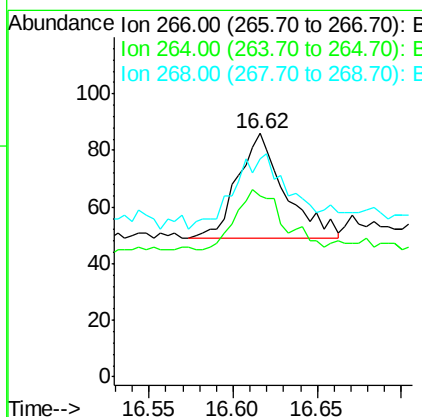
RT: 16.62 min Scan# 3576

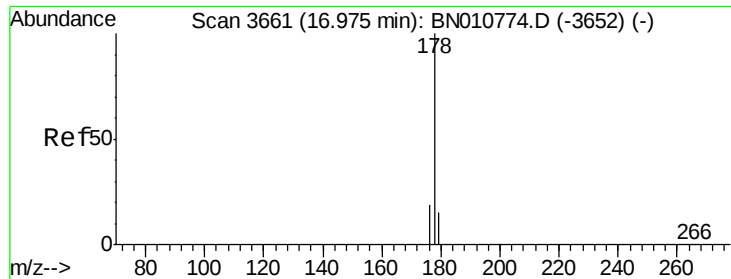
Delta R.T. 0.02 min

Lab File: BN010782.D

Acq: 05 Jun 2020 15:21

Tgt Ion:	266	Resp:	73
Ion Ratio	Lower	Upper	
266	100		
264	56.2	50.3	75.5
268	97.3	54.8	82.2#





#12

Phenanthrene

Concen: 0.061 ng/ul

RT: 16.98 min Scan# 3663

Delta R.T. 0.01 min

Lab File: BN010782.D

Acq: 05 Jun 2020 15:21

Instrument :

BNA_N

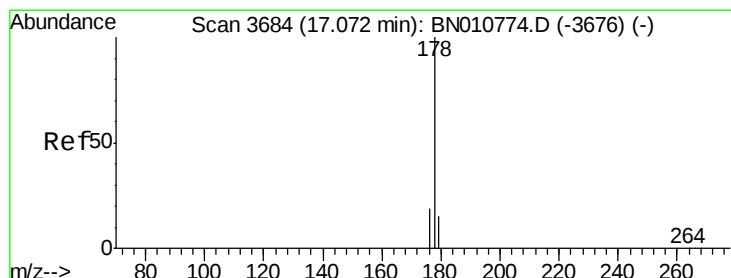
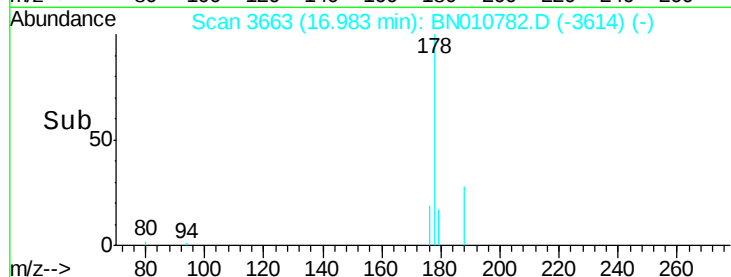
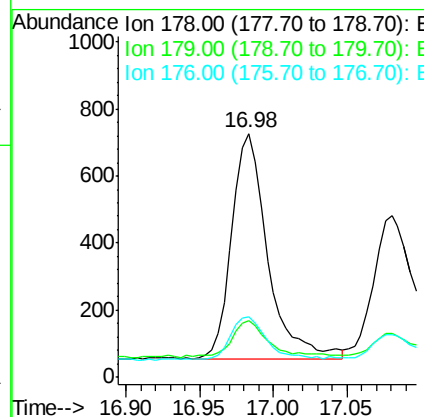
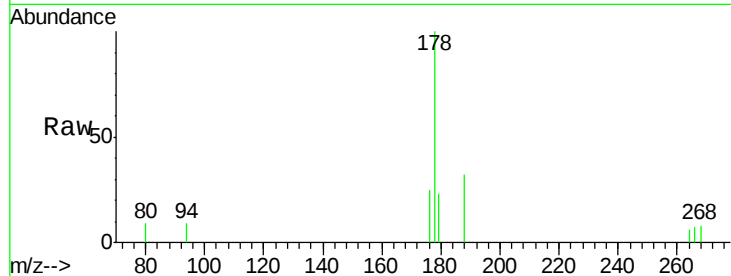
ClientSampleId :

MDL-WATER-05

Tot Ion:178	Resp:	1135
Ion Ratio	Lower	Upper
178	100	
179	23.4	13.0 19.6#
176	24.8	15.8 23.8#

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#13

Anthracene

Concen: 0.056 ng/ul

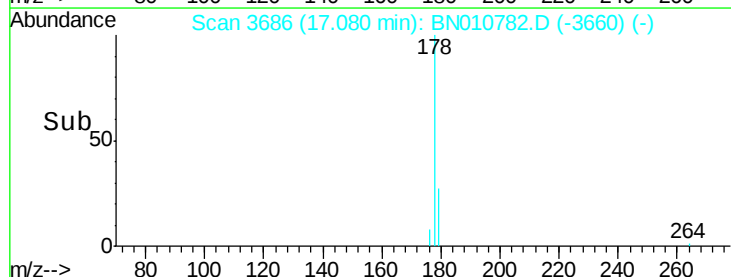
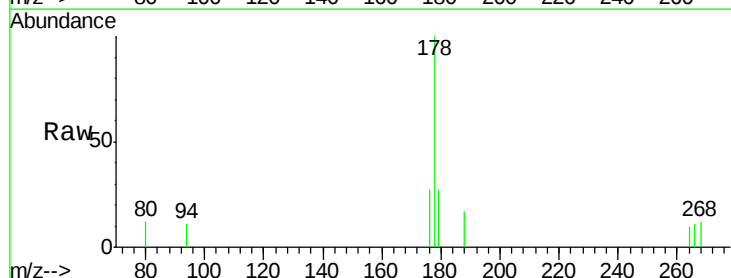
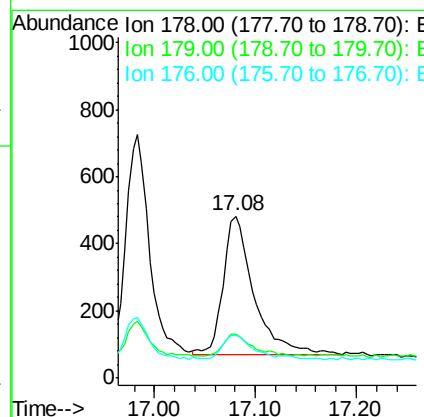
RT: 17.08 min Scan# 3686

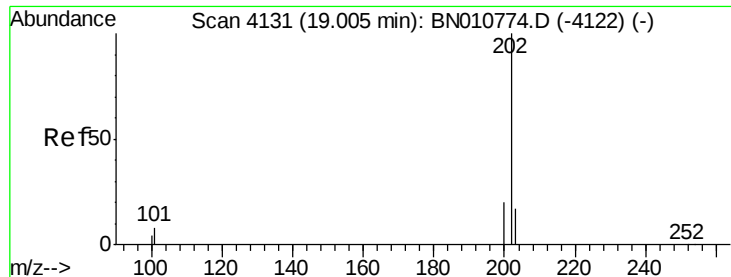
Delta R.T. 0.01 min

Lab File: BN010782.D

Acq: 05 Jun 2020 15:21

Tgt Ion:178	Resp:	866
Ion Ratio	Lower	Upper
178	100	
179	26.9	13.6 20.4#
176	26.5	15.5 23.3#





#15

Fluoranthene

Concen: 0.060 ng/ul

RT: 19.00 min Scan# 4131

Delta R.T. -0.00 min

Lab File: BN010782.D

Acq: 05 Jun 2020 15:21

Instrument :

BNA_N

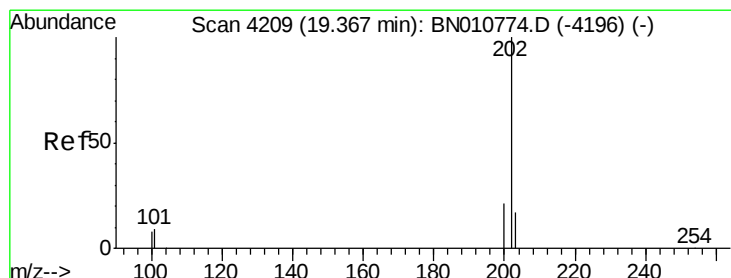
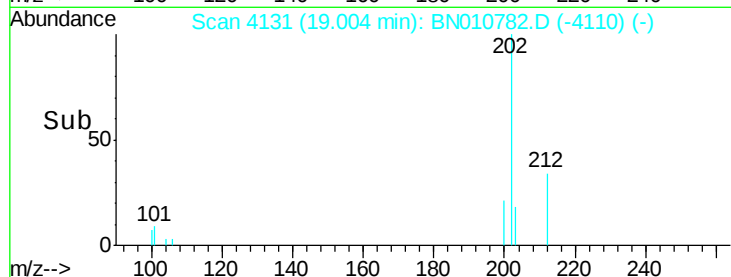
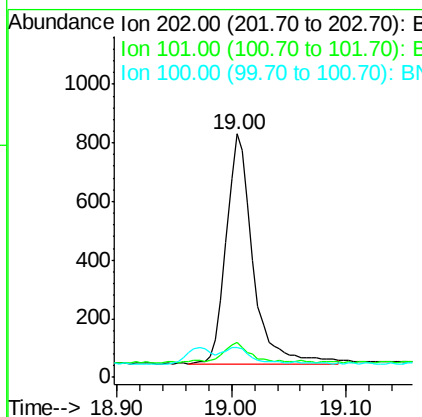
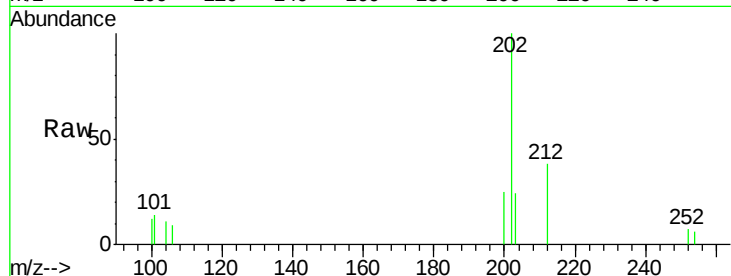
ClientSampleId :

MDL-WATER-05

Tot Ion:	202	Resp:	1263
Ion Ratio	Lower	Upper	
202	100		
101	14.3	0.0	29.8
100	12.0	0.0	28.0

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#17

Pyrene

Concen: 0.064 ng/ul

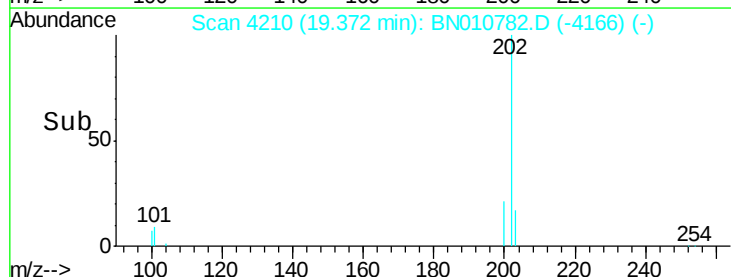
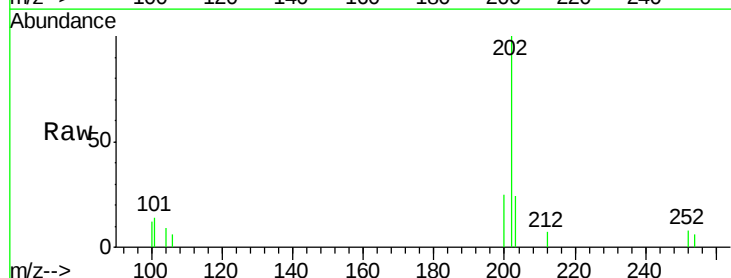
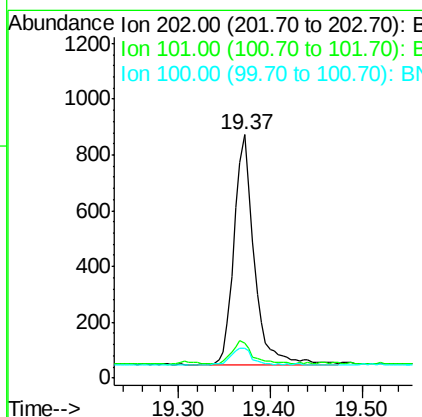
RT: 19.37 min Scan# 4210

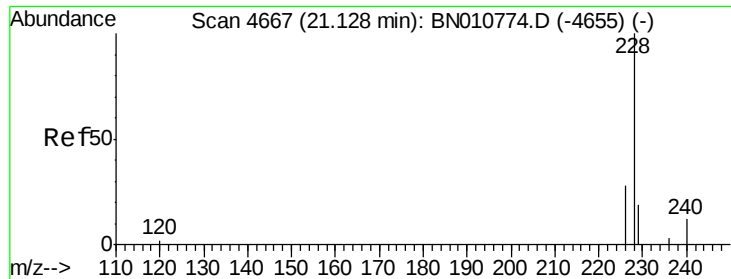
Delta R.T. 0.00 min

Lab File: BN010782.D

Acq: 05 Jun 2020 15:21

Tgt Ion:	202	Resp:	1270
Ion Ratio	Lower	Upper	
202	100		
101	14.4	8.6	12.8#
100	12.4	7.1	10.7#





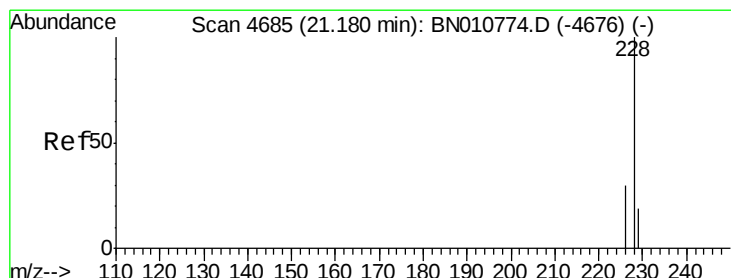
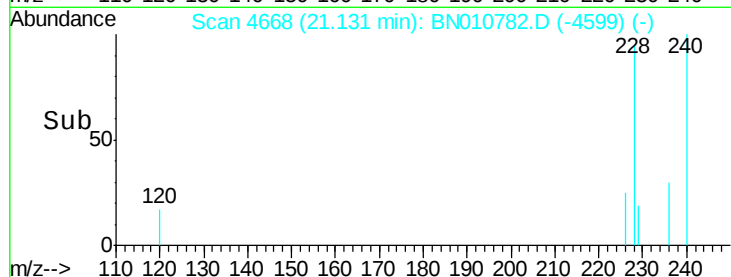
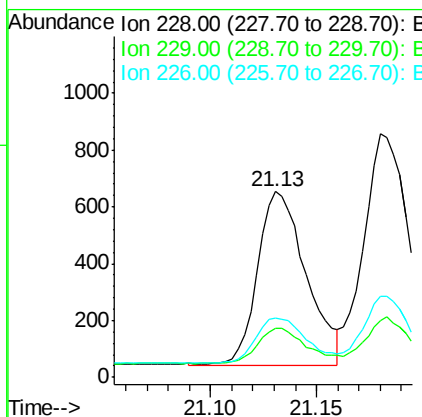
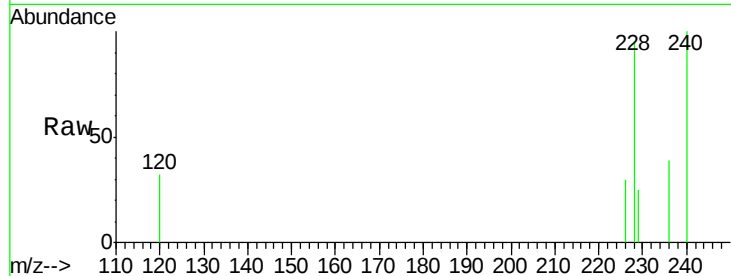
#18
Benzo(a)anthracene
Concen: 0.060 ng/ul m
RT: 21.13 min Scan# 4668
Delta R.T. 0.00 min
Lab File: BN010782.D
Acq: 05 Jun 2020 15:21

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-05

Tot Ion	Ratio	Lower	Upper
228	100		
229	26.2	16.0	24.0#
226	31.9	22.9	34.3

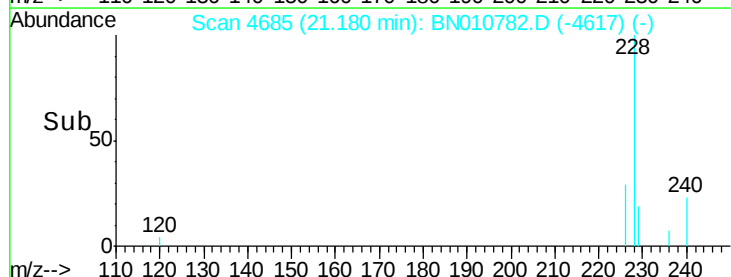
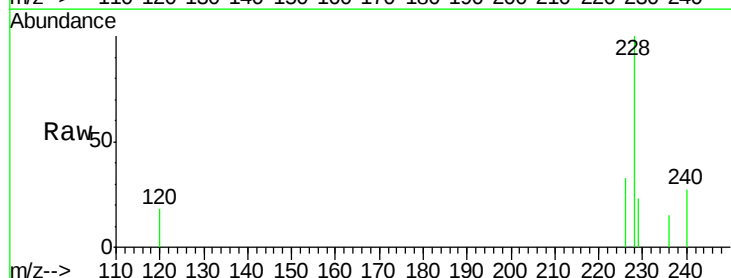
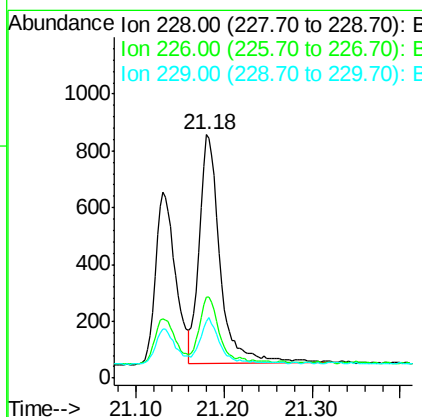
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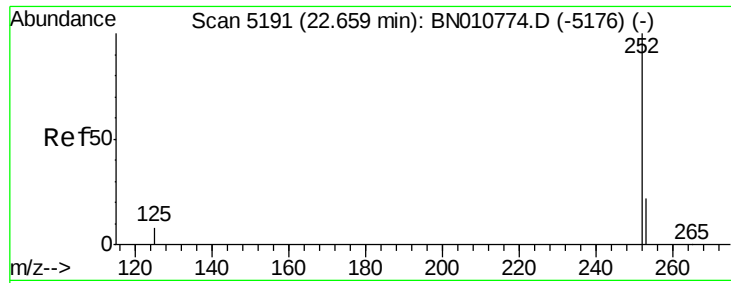
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#19
Chrysene
Concen: 0.065 ng/ul
RT: 21.18 min Scan# 4685
Delta R.T. -0.00 min
Lab File: BN010782.D
Acq: 05 Jun 2020 15:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.0	23.7	35.5
229	23.1	16.2	24.2





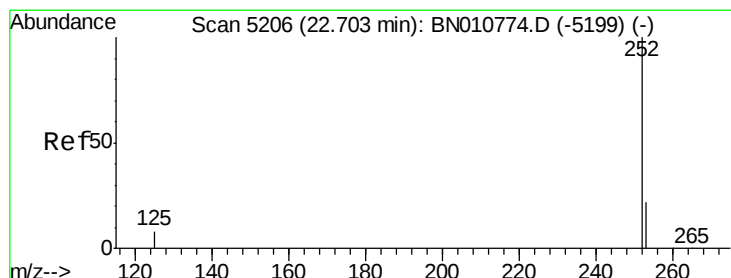
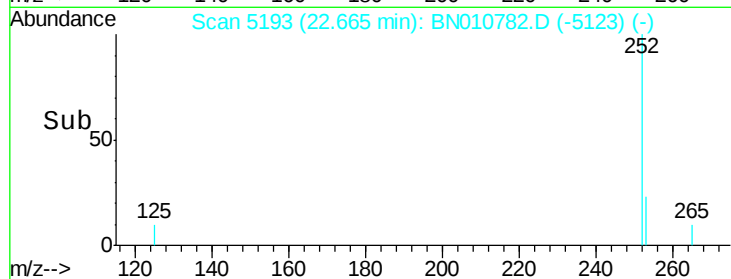
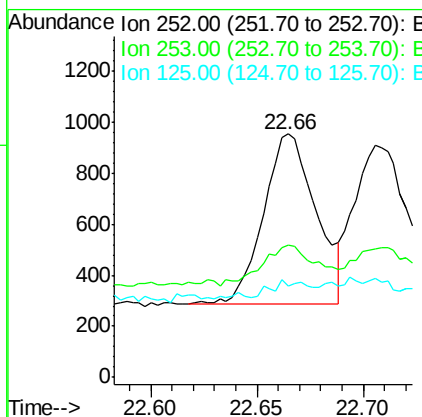
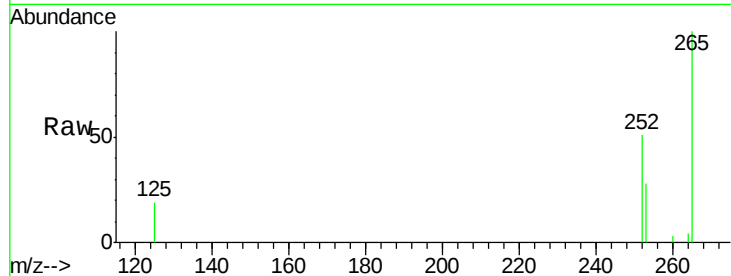
#21
Benzo(b)fluoranthene
Concen: 0.061 ng/u1
RT: 22.66 min Scan# 5193
Delta R.T. 0.01 min
Lab File: BN010782.D
Acq: 05 Jun 2020 15:21

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-05

Tot Ion	Ratio	Lower	Upper
252	100		
253	54.3	0.0	57.6
125	37.7	0.0	29.4

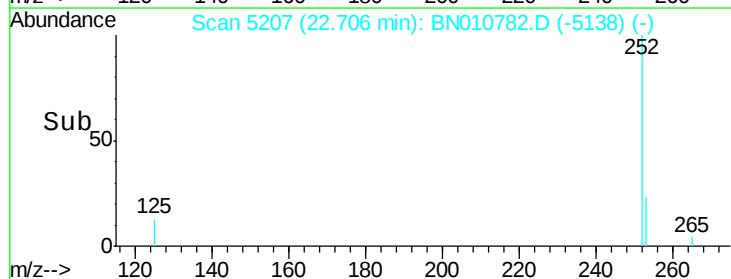
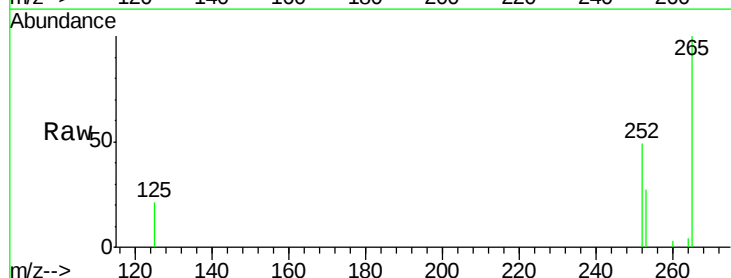
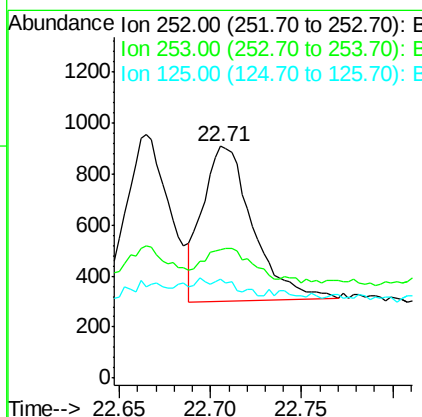
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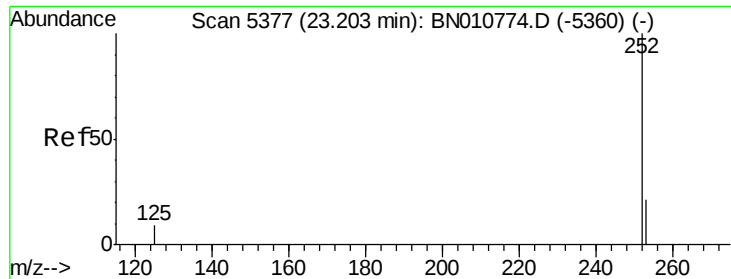
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#22
Benzo(k)fluoranthene
Concen: 0.058 ng/u1
RT: 22.71 min Scan# 5207
Delta R.T. 0.00 min
Lab File: BN010782.D
Acq: 05 Jun 2020 15:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	55.4	22.7	34.1
125	42.5	12.2	18.4





#23

Benzo(a)pyrene

Concen: 0.058 ng/uL

RT: 23.21 min Scan# 5380

Delta R.T. 0.01 min

Lab File: BN010782.D

Acq: 05 Jun 2020 15:21

Instrument :

BNA_N

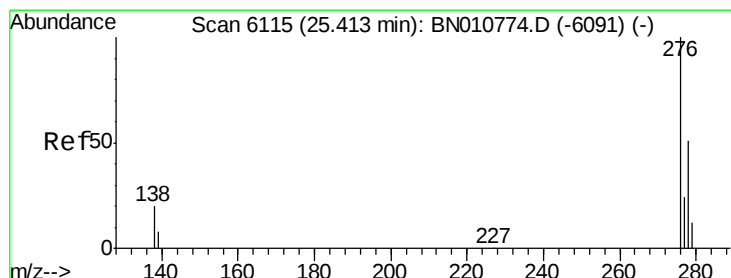
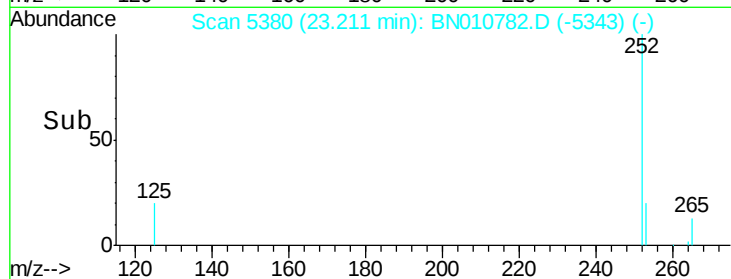
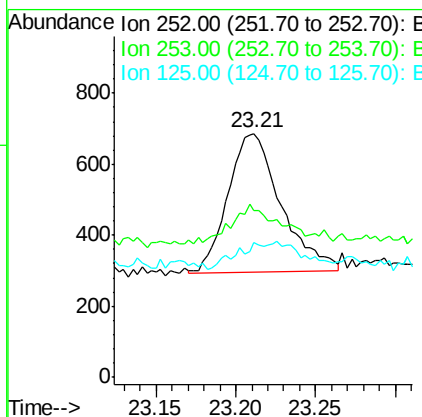
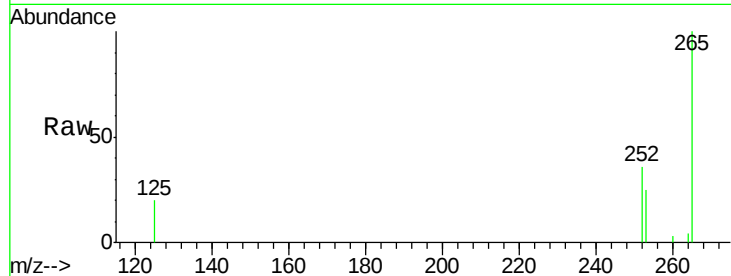
ClientSampleID :

MDL-WATER-05

Tot Ion:	252	Resp:	907
Ion Ratio	Lower	Upper	
252	100		
253	68.7	26.3	39.5#
125	55.5	16.1	24.1#

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.059 ng/uL

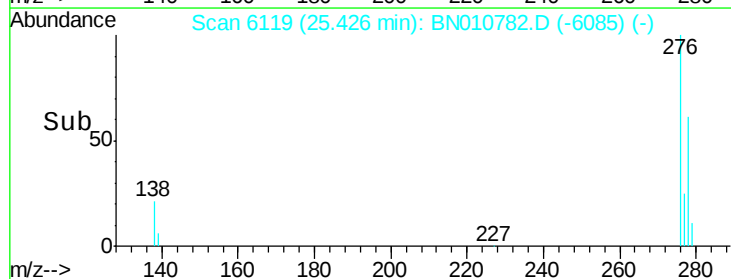
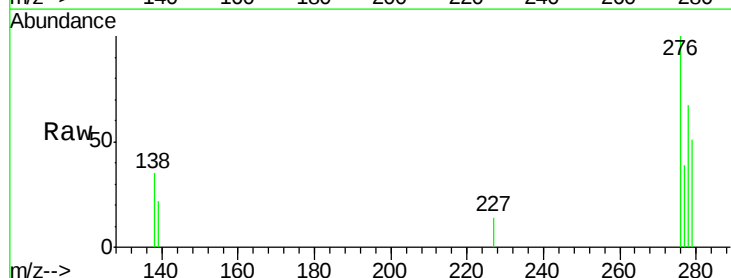
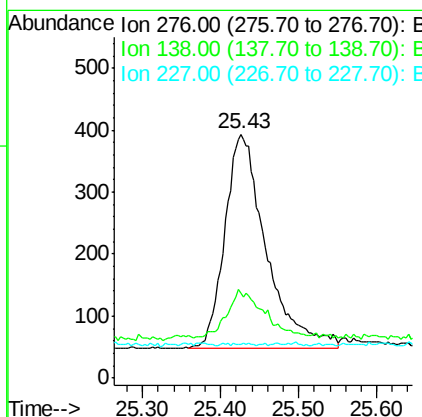
RT: 25.43 min Scan# 6119

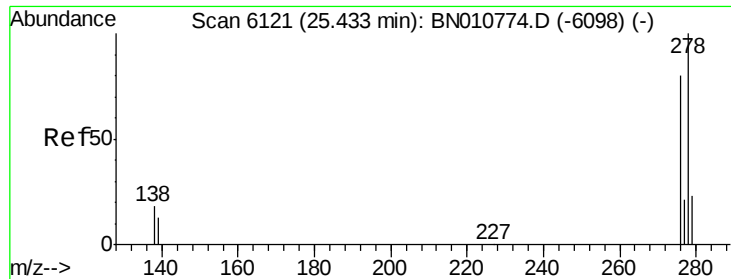
Delta R.T. 0.01 min

Lab File: BN010782.D

Acq: 05 Jun 2020 15:21

Tgt Ion:	276	Resp:	1284
Ion Ratio	Lower	Upper	
276	100		
138	21.3	17.6	26.4
227	0.3	0.1	0.1#





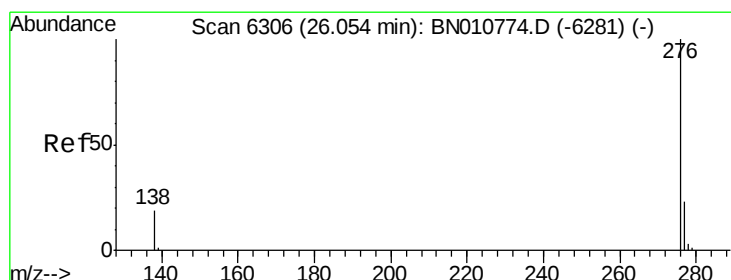
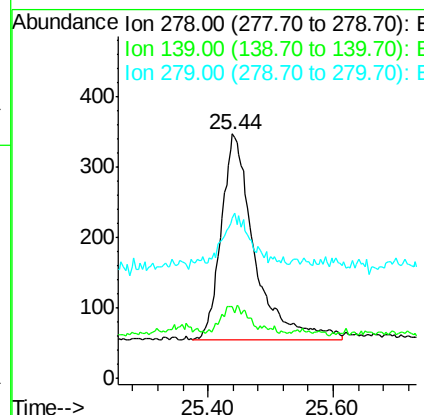
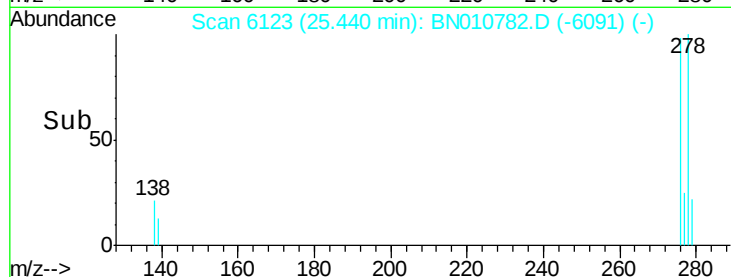
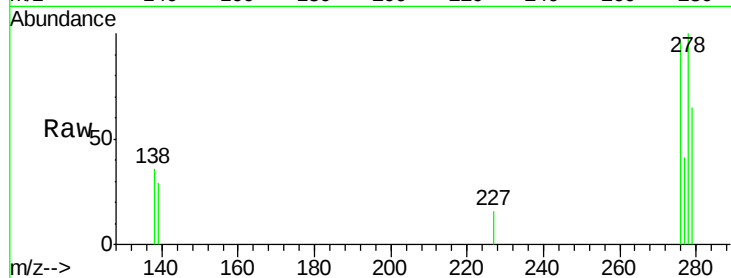
#25
Dibenzo(a,h)anthracene
Concen: 0.062 ng/u1
RT: 25.44 min Scan# 6123
Delta R.T. 0.01 min
Lab File: BN010782.D
Acq: 05 Jun 2020 15:21

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-05

Tot Ion	Ratio	Lower	Upper
278	100		
139	29.1	13.7	20.5#
279	65.4	23.9	35.9#

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 0.062 ng/u1
RT: 26.06 min Scan# 6308
Delta R.T. 0.01 min
Lab File: BN010782.D
Acq: 05 Jun 2020 15:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.5	17.5	26.3#
277	36.0	20.7	31.1#

