

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060520\
 Data File : BN010781.D
 Acq On : 05 Jun 2020 14:44
 Operator : CG/JU
 Sample : L1955-11
 Misc : MDL-WTR-04
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-04

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Quant Time: Jun 05 15:17:28 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	1725	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	5428	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.19	164	2886	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5559	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	4722	0.40	ng/ul	0.00
20) Perylene-d12	23.30	264	4475	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	2495	0.20	ng/ul	0.02
14) Fluoranthene-d10	18.98	212	5139	0.21	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.37	128	941	0.059	ng/ul#	79
5) 2-Methylnaphthalene	12.01	142	553	0.055	ng/ul	99
7) Acenaphthylene	13.91	152	733	0.057	ng/ul#	85
8) Acenaphthene	14.26	153	609	0.056	ng/ul	94
9) Fluorene	15.26	166	654	0.055	ng/ul#	96
11) Pentachlorophenol	16.62	266	69	0.053	ng/ul#	83
12) Phenanthrene	16.98	178	1032	0.057	ng/ul#	84
13) Anthracene	17.08	178	780	0.052	ng/ul#	75
15) Fluoranthene	19.00	202	1188	0.059	ng/ul	87
17) Pyrene	19.37	202	1217	0.059	ng/ul#	88
18) Benzo(a)anthracene	21.13	228	959m	0.057	ng/ul	
19) Chrysene	21.18	228	1280	0.060	ng/ul	93
21) Benzo(b)fluoranthene	22.66	252	1162	0.058	ng/ul#	44
22) Benzo(k)fluoranthene	22.71	252	1179	0.056	ng/ul#	45
23) Benzo(a)pyrene	23.21	252	894	0.053	ng/ul#	30
24) Indeno(1,2,3-cd)pyrene	25.42	276	1301	0.056	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.44	278	1027	0.055	ng/ul#	39
26) Benzo(g,h,i)perylene	26.06	276	1220	0.057	ng/ul#	78

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

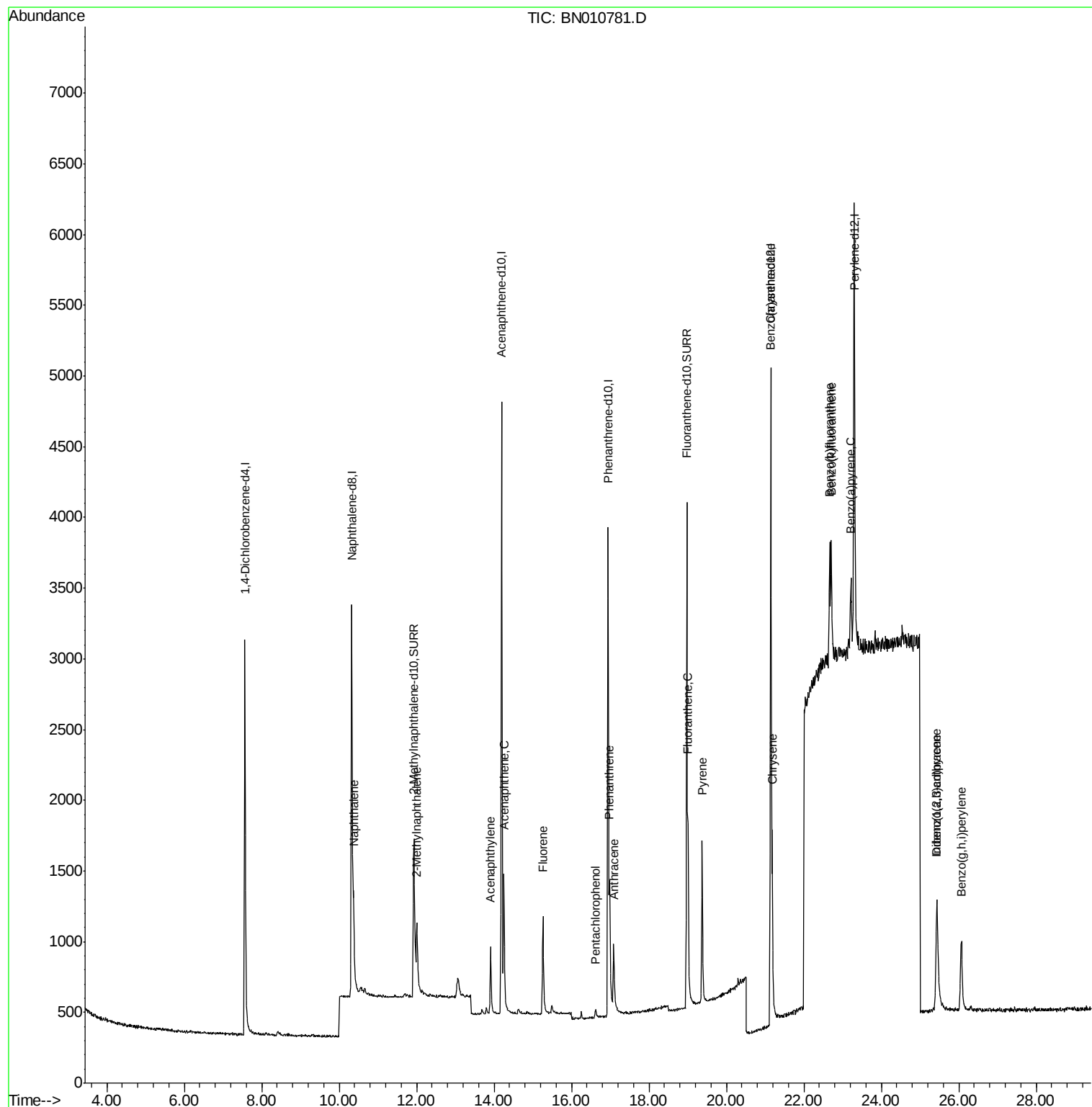
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060520\
Data File : BN010781.D
Acq On : 05 Jun 2020 14:44
Operator : CG/JU
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Misc : MDL-WTR-04
ALS Vial : 9 Sample Multiplier: 1

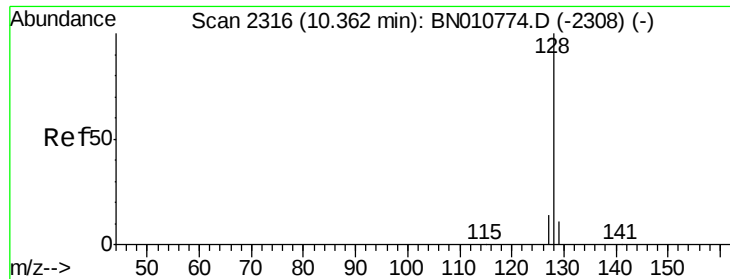
Instrument :
BNA_N
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MDL-WATER-04

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Quant Time: Jun 05 15:17:28 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: 0.059 ng/ul

RT: 10.37 min Scan# 2318

Delta R.T. 0.01 min

Lab File: BN010781.D

Acq: 05 Jun 2020 14:44

Instrument :

BNA_N

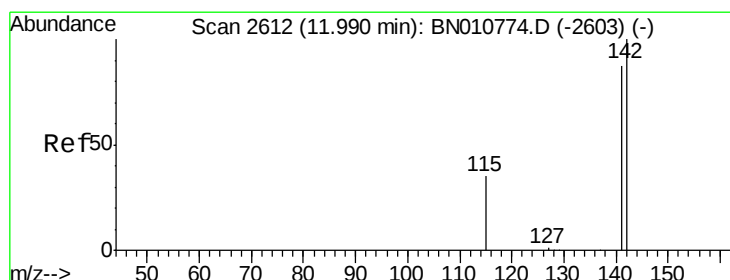
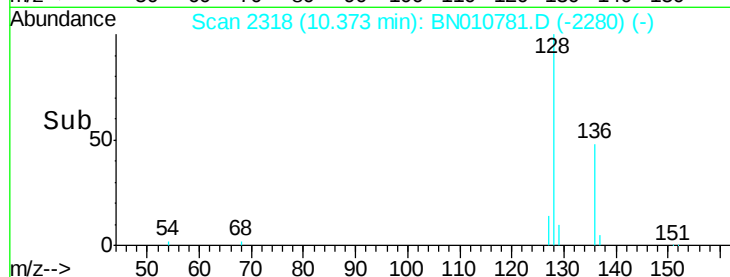
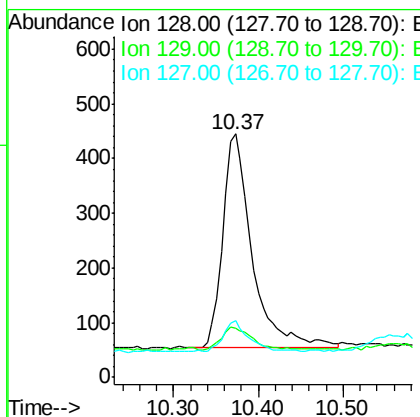
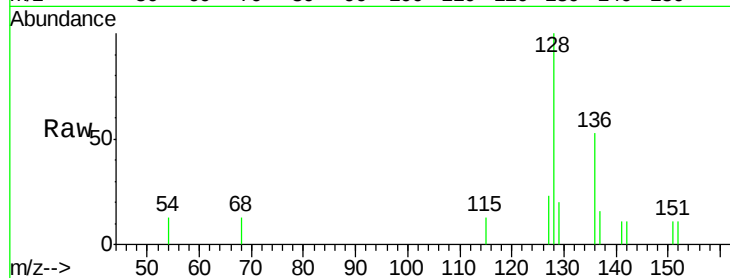
ClientSampleId :

MDL-WATER-04

Tot Ion:	128	Resp:	941
Ion Ratio	Lower	Upper	
128	100		
129	20.4	9.9	14.9#
127	23.1	11.7	17.5#

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#5

2-Methylnaphthalene

Concen: 0.055 ng/ul

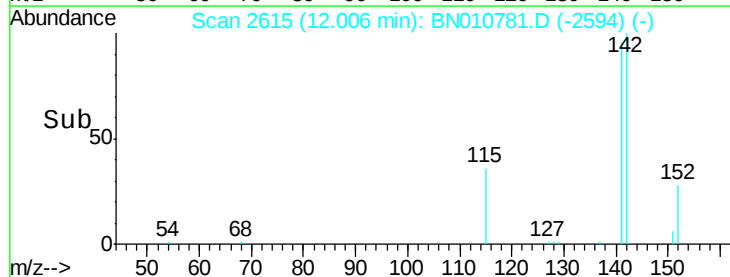
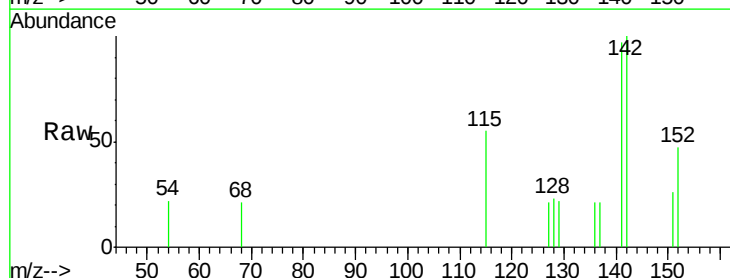
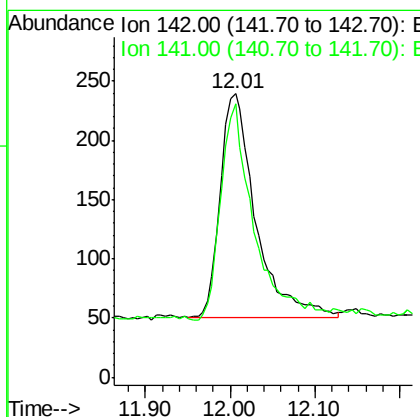
RT: 12.01 min Scan# 2615

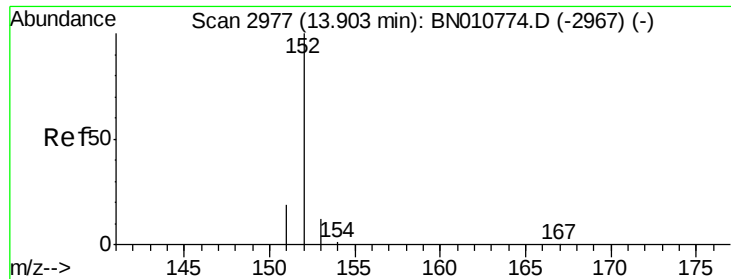
Delta R.T. 0.02 min

Lab File: BN010781.D

Acq: 05 Jun 2020 14:44

Tgt Ion:	142	Resp:	553
Ion Ratio	Lower	Upper	
142	100		
141	91.1	72.1	108.1





#7

Acenaphthylene

Concen: 0.057 ng/ul

RT: 13.91 min Scan# 2979

Delta R.T. 0.01 min

Lab File: BN010781.D

Acq: 05 Jun 2020 14:44

Instrument :

BNA_N

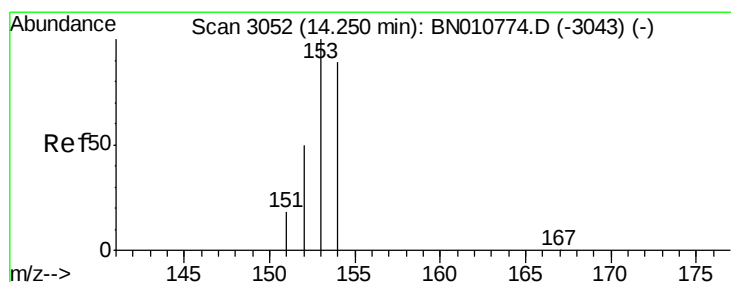
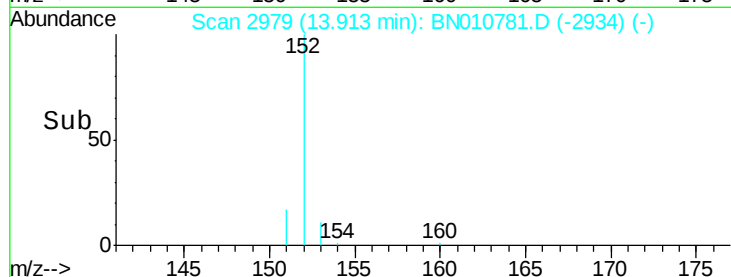
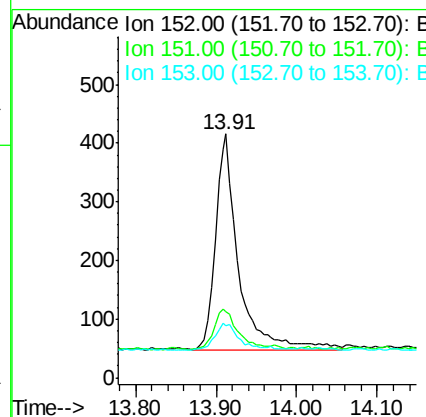
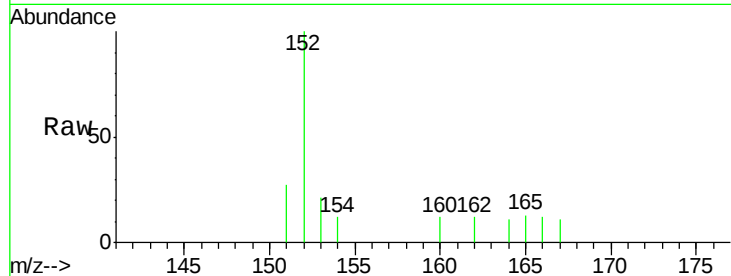
ClientSampleId :

MDL-WATER-04

Tot Ion:	152	Resp:	733
Ion Ratio	Lower	Upper	
152	100		
151	27.2	16.3	24.5#
153	21.2	11.4	17.2#

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#8

Acenaphthene

Concen: 0.056 ng/ul

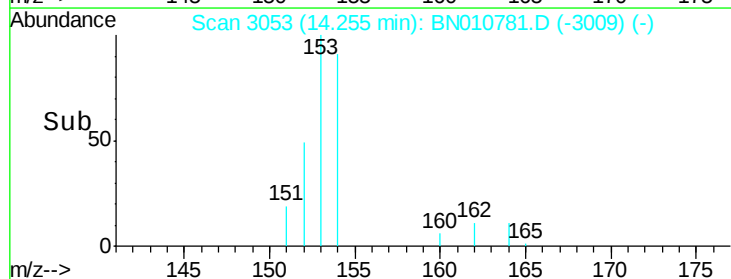
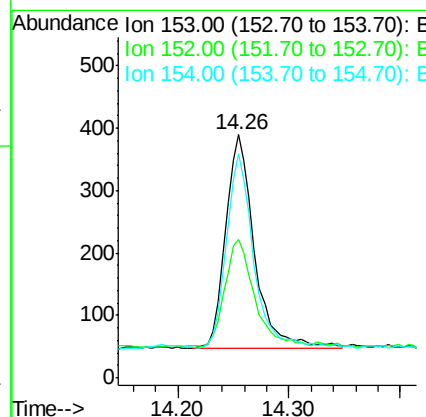
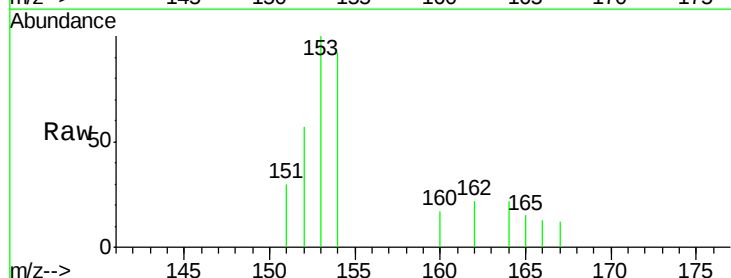
RT: 14.26 min Scan# 3053

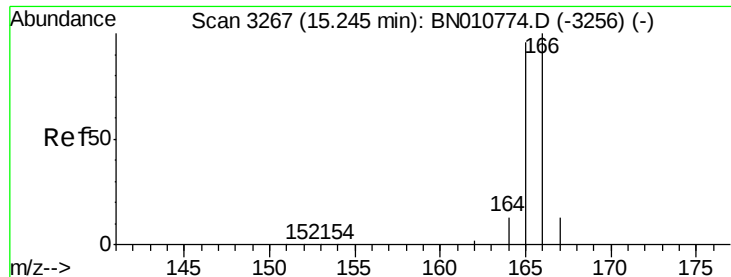
Delta R.T. 0.00 min

Lab File: BN010781.D

Acq: 05 Jun 2020 14:44

Tgt Ion:	153	Resp:	609
Ion Ratio	Lower	Upper	
153	100		
152	56.9	40.1	60.1
154	92.1	70.6	106.0





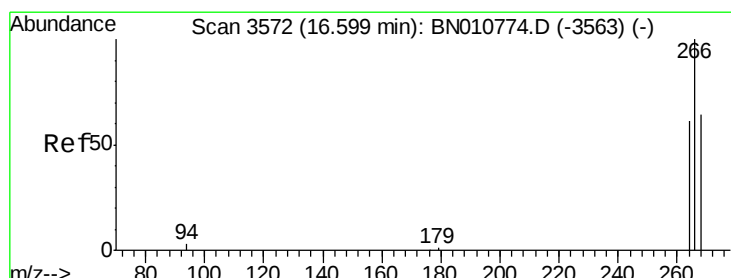
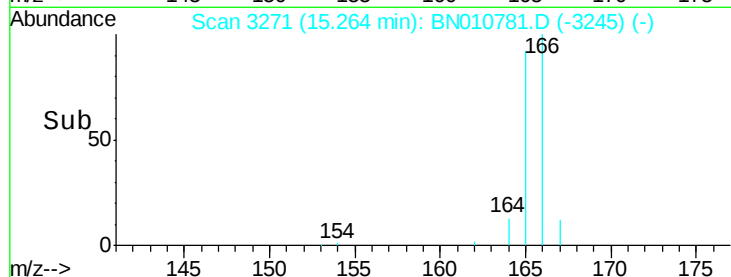
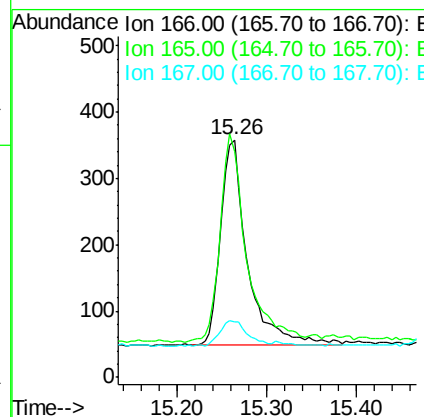
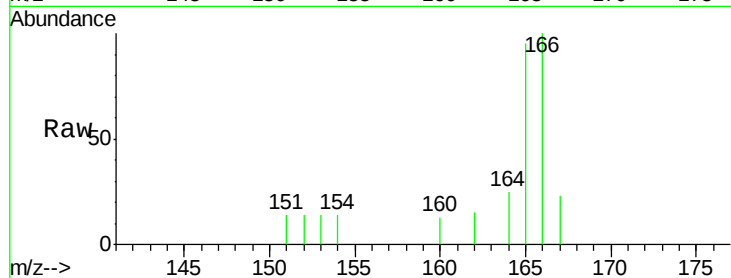
#9
Fluorene
 Concen: 0.055 ng/ul
 RT: 15.26 min Scan# 3271
 Delta R.T. 0.02 min
 Lab File: BN010781.D
 Acq: 05 Jun 2020 14:44

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-04

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.0	77.3	115.9
167	23.5	12.1	18.1#

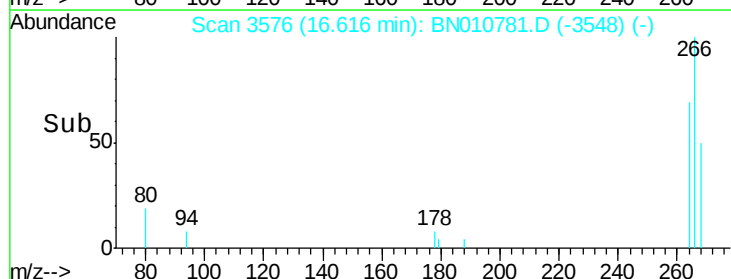
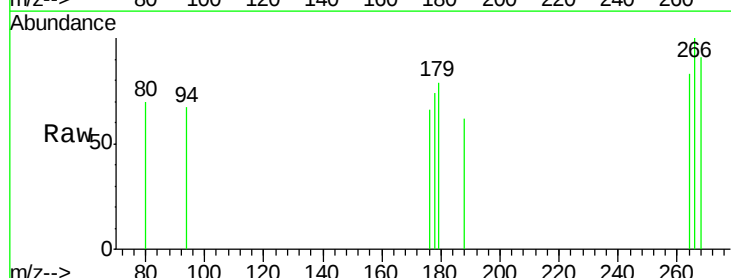
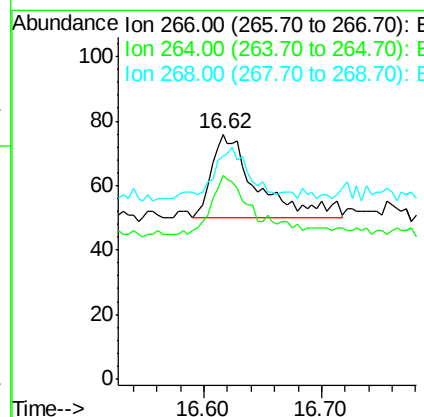
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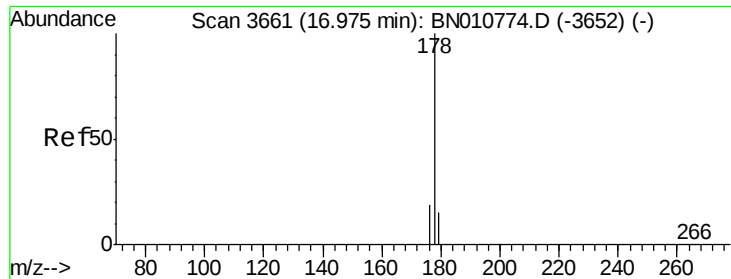
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#11
Pentachlorophenol
 Concen: 0.053 ng/ul
 RT: 16.62 min Scan# 3576
 Delta R.T. 0.02 min
 Lab File: BN010781.D
 Acq: 05 Jun 2020 14:44

Tgt Ion	Ratio	Lower	Upper
266	100		
264	66.7	50.3	75.5
268	46.4	54.8	82.2#





#12

Phenanthrene

Concen: 0.057 ng/ul

RT: 16.98 min Scan# 3663

Delta R.T. 0.01 min

Lab File: BN010781.D

Acq: 05 Jun 2020 14:44

Instrument :

BNA_N

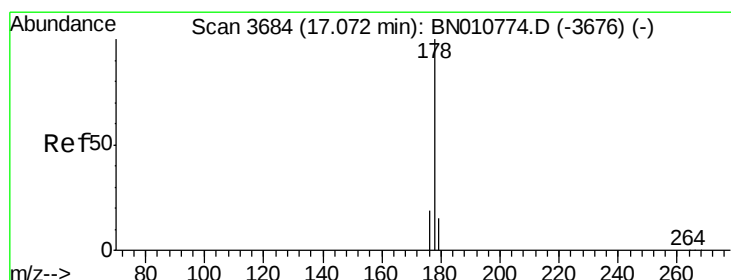
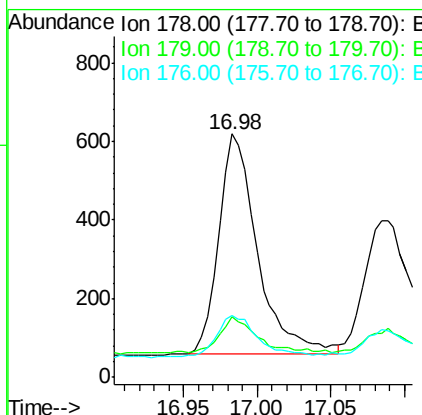
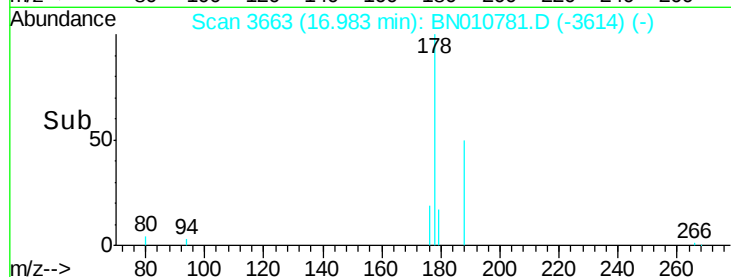
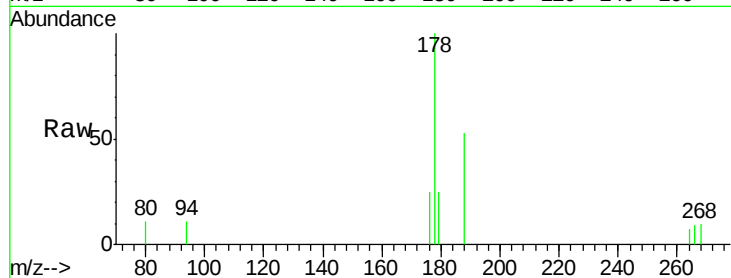
ClientSampleId :

MDL-WATER-04

Tot Ion:	178	Resp:	1032
Ion Ratio	Lower	Upper	
178	100		
179	24.7	13.0	19.6#
176	25.4	15.8	23.8#

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#13

Anthracene

Concen: 0.052 ng/ul

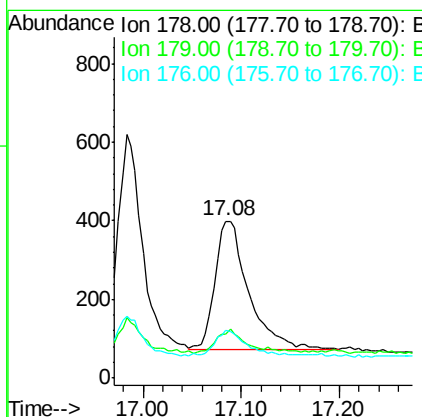
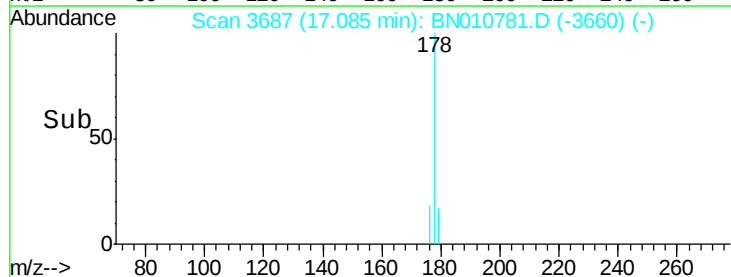
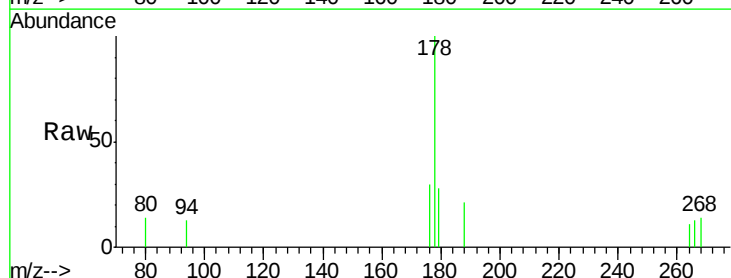
RT: 17.08 min Scan# 3687

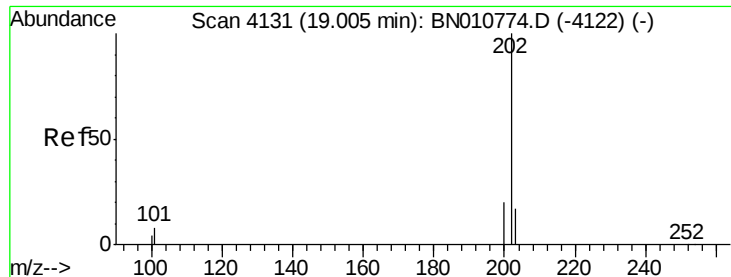
Delta R.T. 0.01 min

Lab File: BN010781.D

Acq: 05 Jun 2020 14:44

Tgt Ion:	178	Resp:	780
Ion Ratio	Lower	Upper	
178	100		
179	28.4	13.6	20.4#
176	30.4	15.5	23.3#





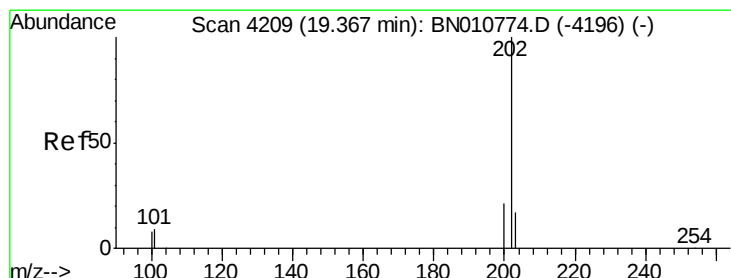
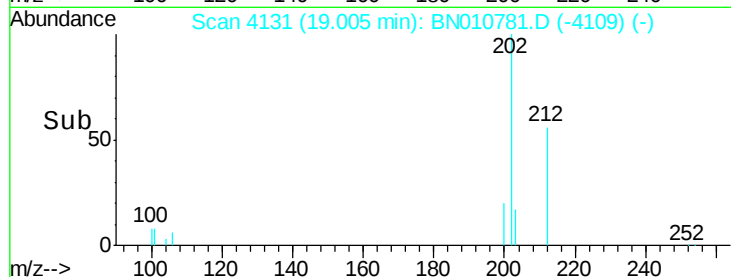
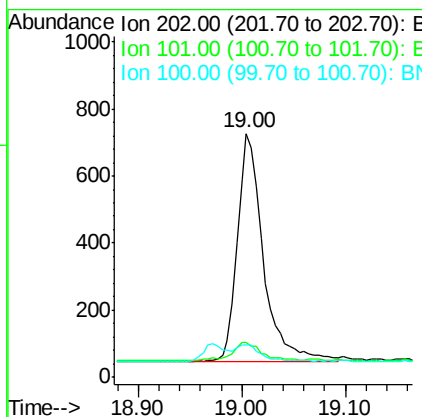
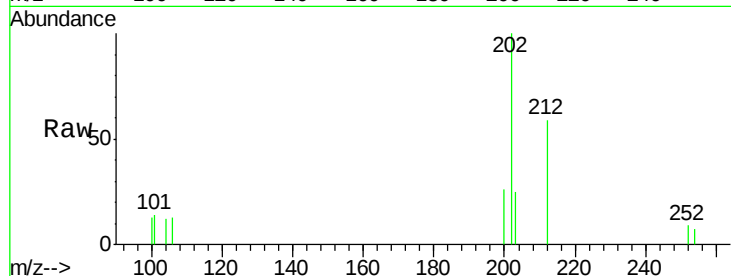
#15
Fluoranthene
 Concen: 0.059 ng/ul
 RT: 19.00 min Scan# 4131
 Delta R.T. -0.00 min
 Lab File: BN010781.D
 Acq: 05 Jun 2020 14:44

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-04

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1188		
101	14.2		0.0	29.8
100	13.4		0.0	28.0

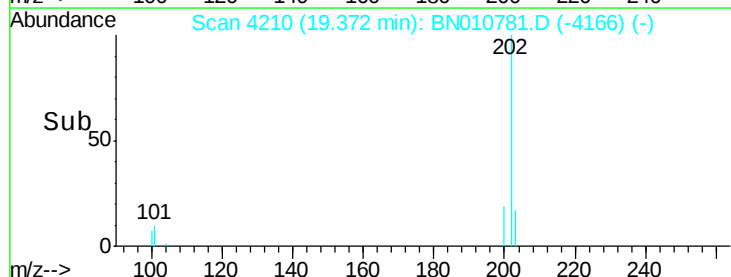
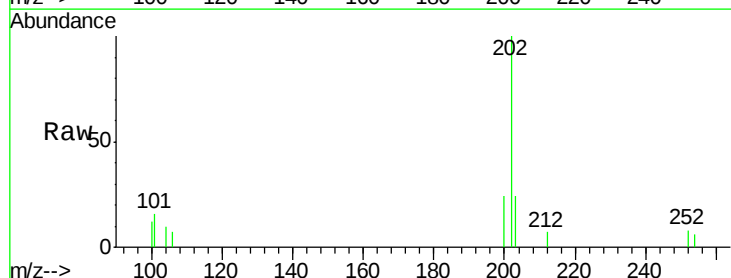
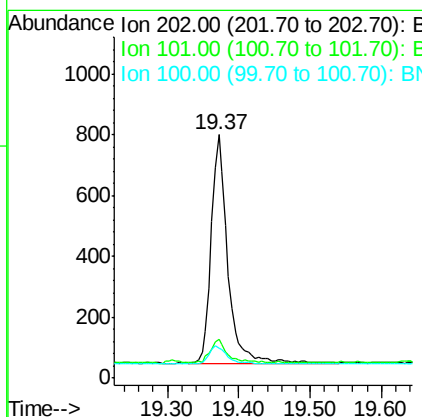
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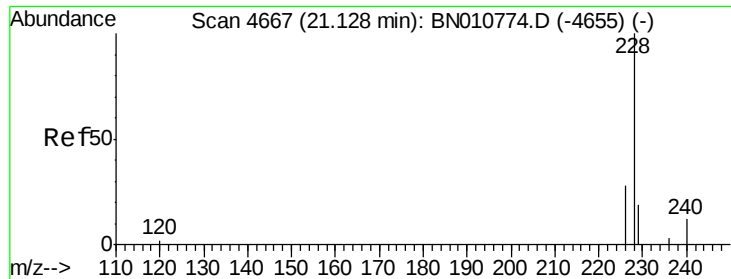
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#17
Pyrene
 Concen: 0.059 ng/ul
 RT: 19.37 min Scan# 4210
 Delta R.T. 0.00 min
 Lab File: BN010781.D
 Acq: 05 Jun 2020 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1217		
101	15.9		8.6	12.8#
100	12.5		7.1	10.7#





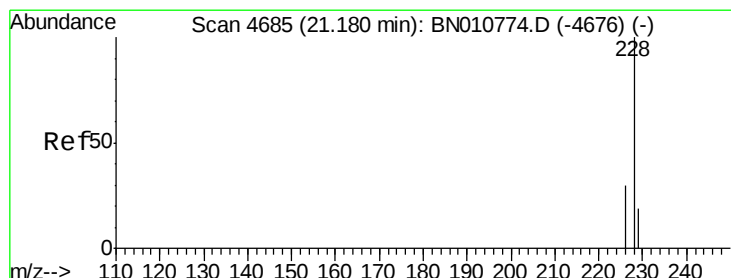
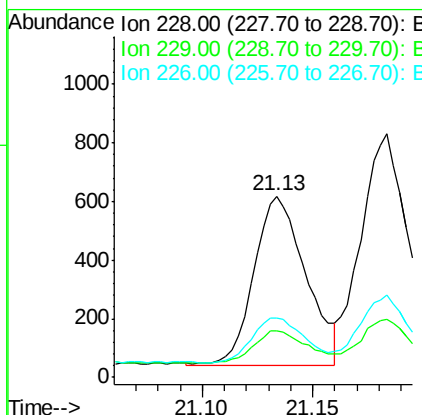
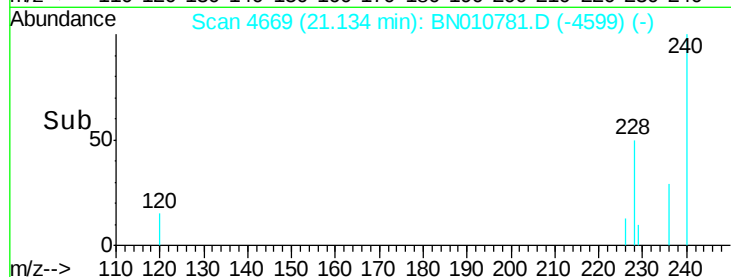
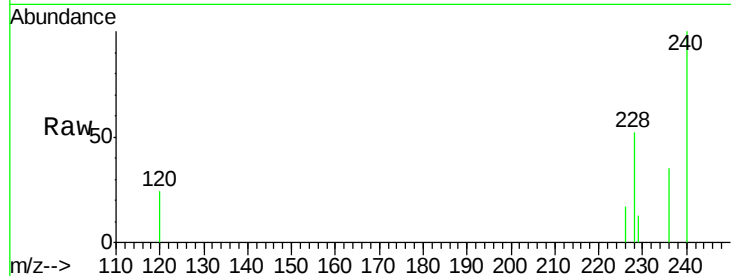
#18
Benzo(a)anthracene
Concen: 0.057 ng/ul m
RT: 21.13 min Scan# 4669
Delta R.T. 0.01 min
Lab File: BN010781.D
Acq: 05 Jun 2020 14:44

Instrument :
BNA_N
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MDL-WATER-04

Tot Ion	Ratio	Lower	Upper
228	100		
229	25.9	16.0	24.0#
226	33.0	22.9	34.3

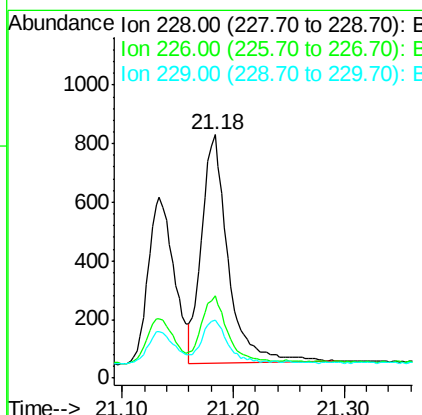
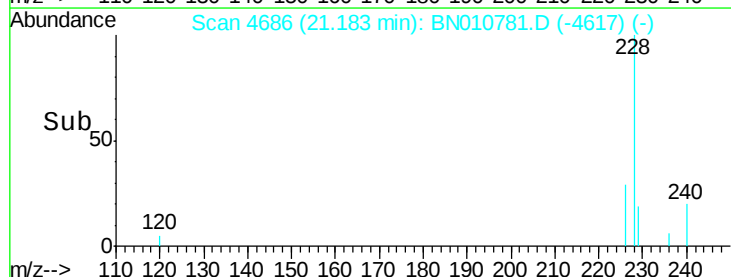
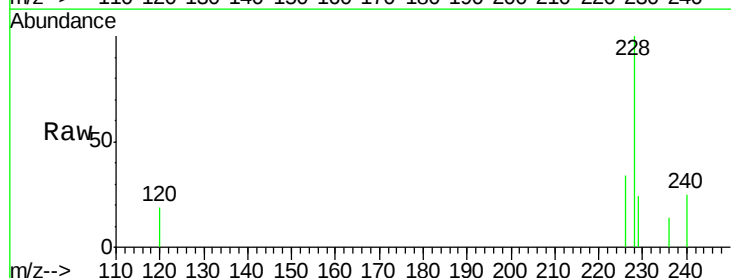
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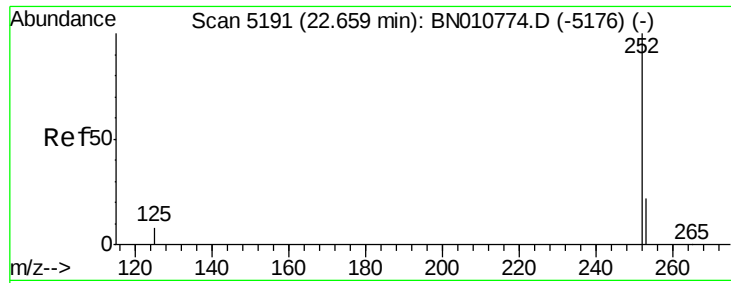
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#19
Chrysene
Concen: 0.060 ng/ul
RT: 21.18 min Scan# 4686
Delta R.T. 0.00 min
Lab File: BN010781.D
Acq: 05 Jun 2020 14:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.6	23.7	35.5
229	23.7	16.2	24.2





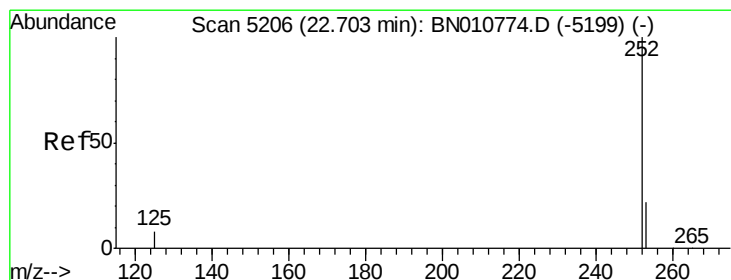
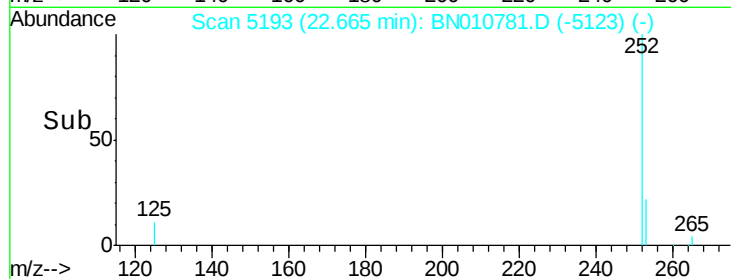
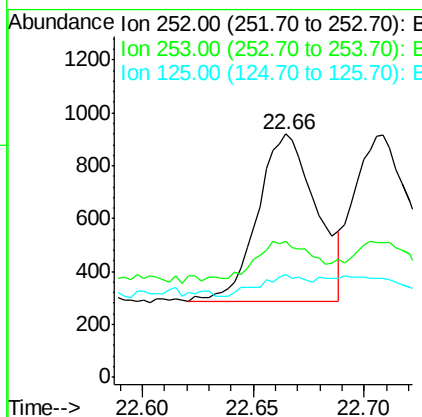
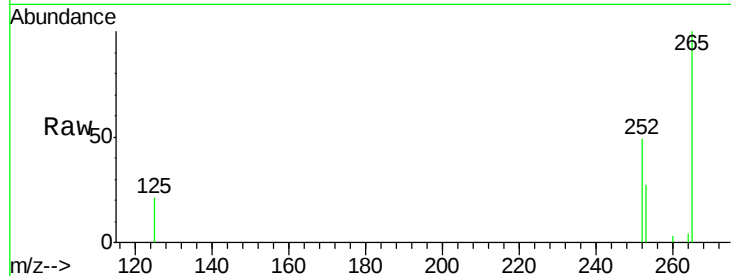
#21
Benzo(b)fluoranthene
Concen: 0.058 ng/u1
RT: 22.66 min Scan# 5193
Delta R.T. 0.01 min
Lab File: BN010781.D
Acq: 05 Jun 2020 14:44

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-04

Tot Ion	Ratio	Lower	Upper
252	100		
253	55.8	0.0	57.6
125	42.3	0.0	29.4

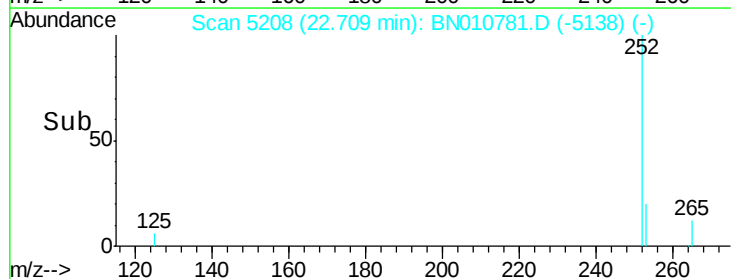
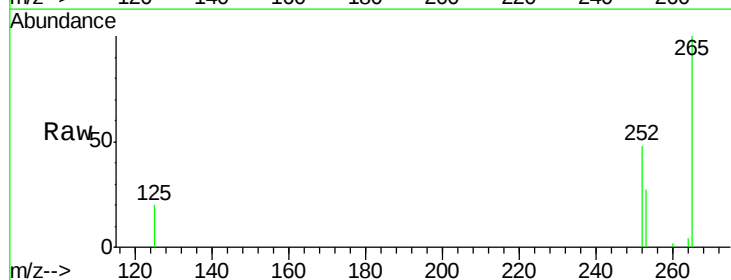
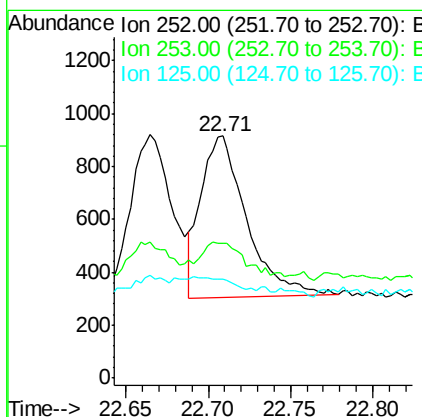
Manual Integrations
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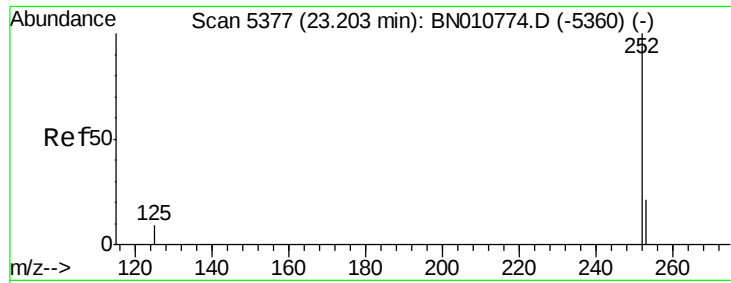
mohammad
6/8/2020 12:52:28 PM



#22
Benzo(k)fluoranthene
Concen: 0.056 ng/u1
RT: 22.71 min Scan# 5208
Delta R.T. 0.01 min
Lab File: BN010781.D
Acq: 05 Jun 2020 14:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	55.9	22.7	34.1
125	40.8	12.2	18.4





#23

Benzo(a)pyrene

Concen: 0.053 ng/uL

RT: 23.21 min Scan# 5380

Delta R.T. 0.01 min

Lab File: BN010781.D

Acq: 05 Jun 2020 14:44

Instrument :

BNA_N

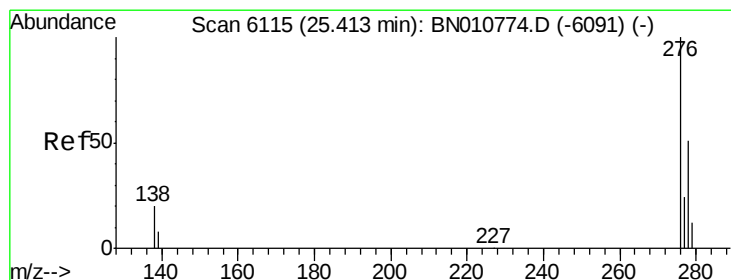
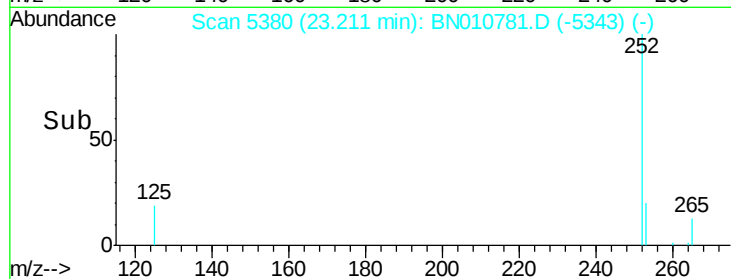
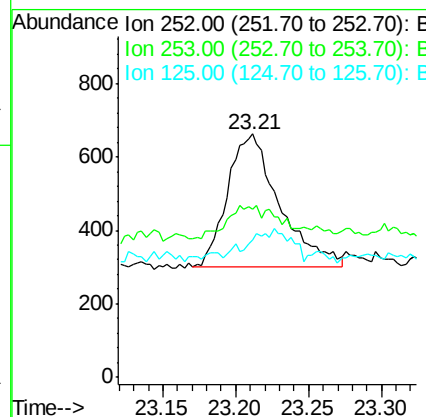
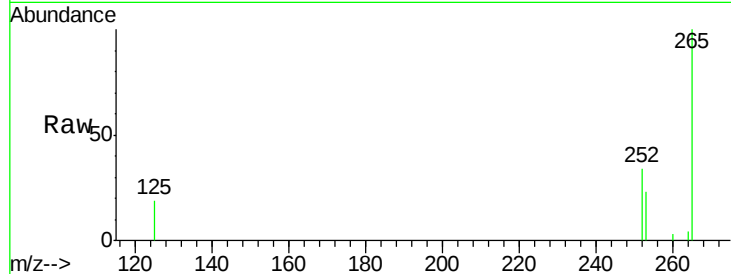
ClientSampleId :

MDL-WATER-04

Tot Ion:	252	Resp:	894
Ion Ratio	Lower	Upper	
252	100		
253	69.2	26.3	39.5#
125	56.4	16.1	24.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.056 ng/uL

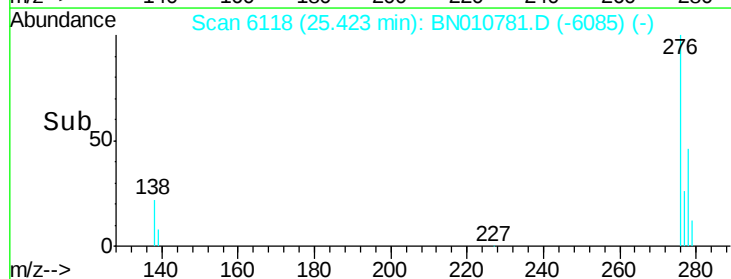
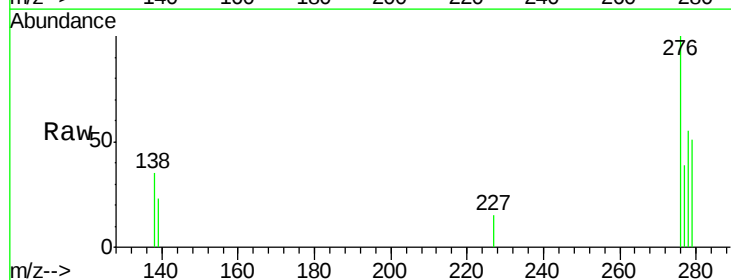
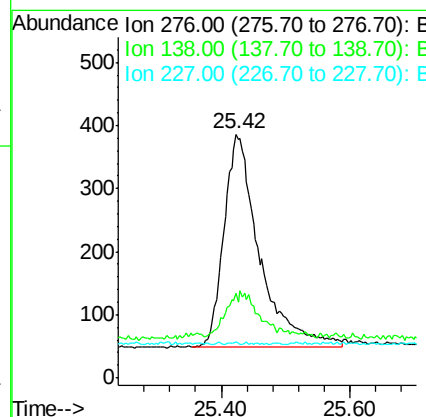
RT: 25.42 min Scan# 6118

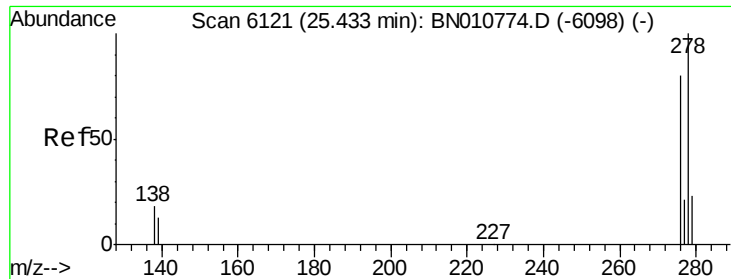
Delta R.T. 0.01 min

Lab File: BN010781.D

Acq: 05 Jun 2020 14:44

Tgt Ion:	276	Resp:	1301
Ion Ratio	Lower	Upper	
276	100		
138	19.6	17.6	26.4
227	0.3	0.1	0.1#





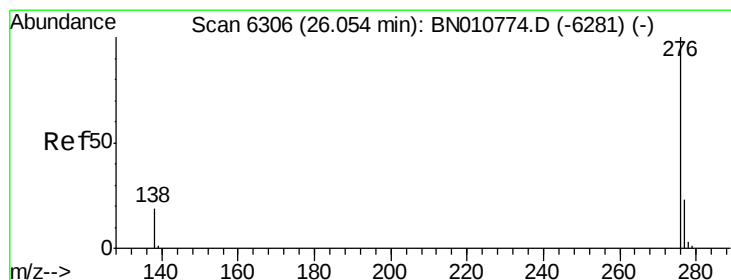
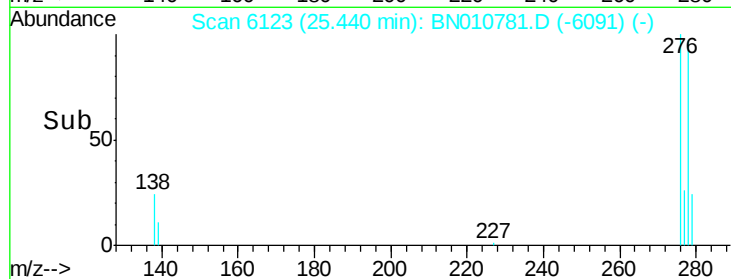
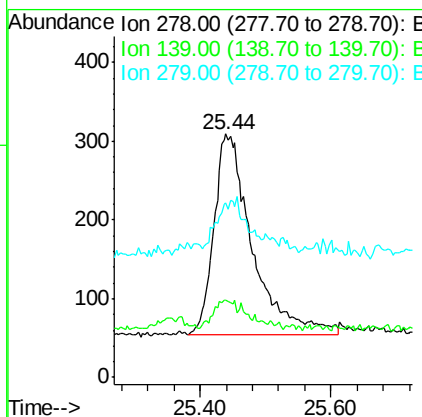
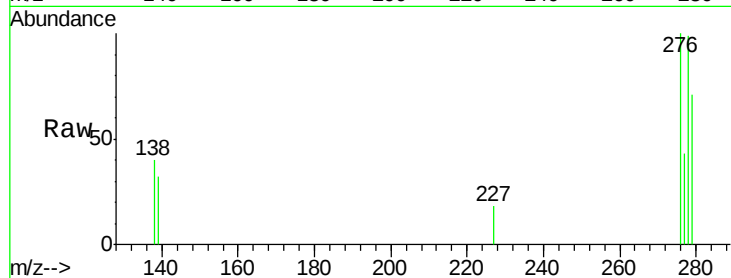
#25
Dibenzo(a,h)anthracene
Concen: 0.055 ng/ul
RT: 25.44 min Scan# 6123
Delta R.T. 0.01 min
Lab File: BN010781.D
Acq: 05 Jun 2020 14:44

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-04

Tot Ion	Ratio	Lower	Upper
278	100		
139	31.7	13.7	20.5#
279	71.5	23.9	35.9#

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#26
Benzo(g,h,i)perylene
Concen: 0.057 ng/ul
RT: 26.06 min Scan# 6309
Delta R.T. 0.01 min
Lab File: BN010781.D
Acq: 05 Jun 2020 14:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.9	17.5	26.3#
277	38.7	20.7	31.1#

