

Data File : BN012261.D
Acq On : 16 Oct 2020 11:31
Operator : CG/JU
Sample : L4235-15DL 10X
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AQ0DL

Manual Integrations
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Quant Time: Oct 16 14:19:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 10:51:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1468	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	6087	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3529	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	7128	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	5883	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	5931	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	113	0.01	ng/ul	0.02
14) Fluoranthene-d10	19.04	212	212	0.01	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	17.05	178	5254	0.231	ng/ul	99
13) Anthracene	17.14	178	783	0.040	ng/ul#	83
15) Fluoranthene	19.07	202	16960	0.638	ng/ul	99
17) Pyrene	19.44	202	13603	0.513	ng/ul	98
18) Benzo(a)anthracene	21.19	228	6767	0.311	ng/ul	98
19) Chrysene	21.24	228	9065	0.341	ng/ul	99
21) Benzo(b)fluoranthene	22.74	252	11532m	0.481	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	4472m	0.169	ng/ul	
23) Benzo(a)pyrene	23.30	252	6531	0.280	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.57	276	5070	0.169	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	1285	0.054	ng/ul#	55
26) Benzo(g,h,i)perylene	26.24	276	4366	0.159	ng/ul	95

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

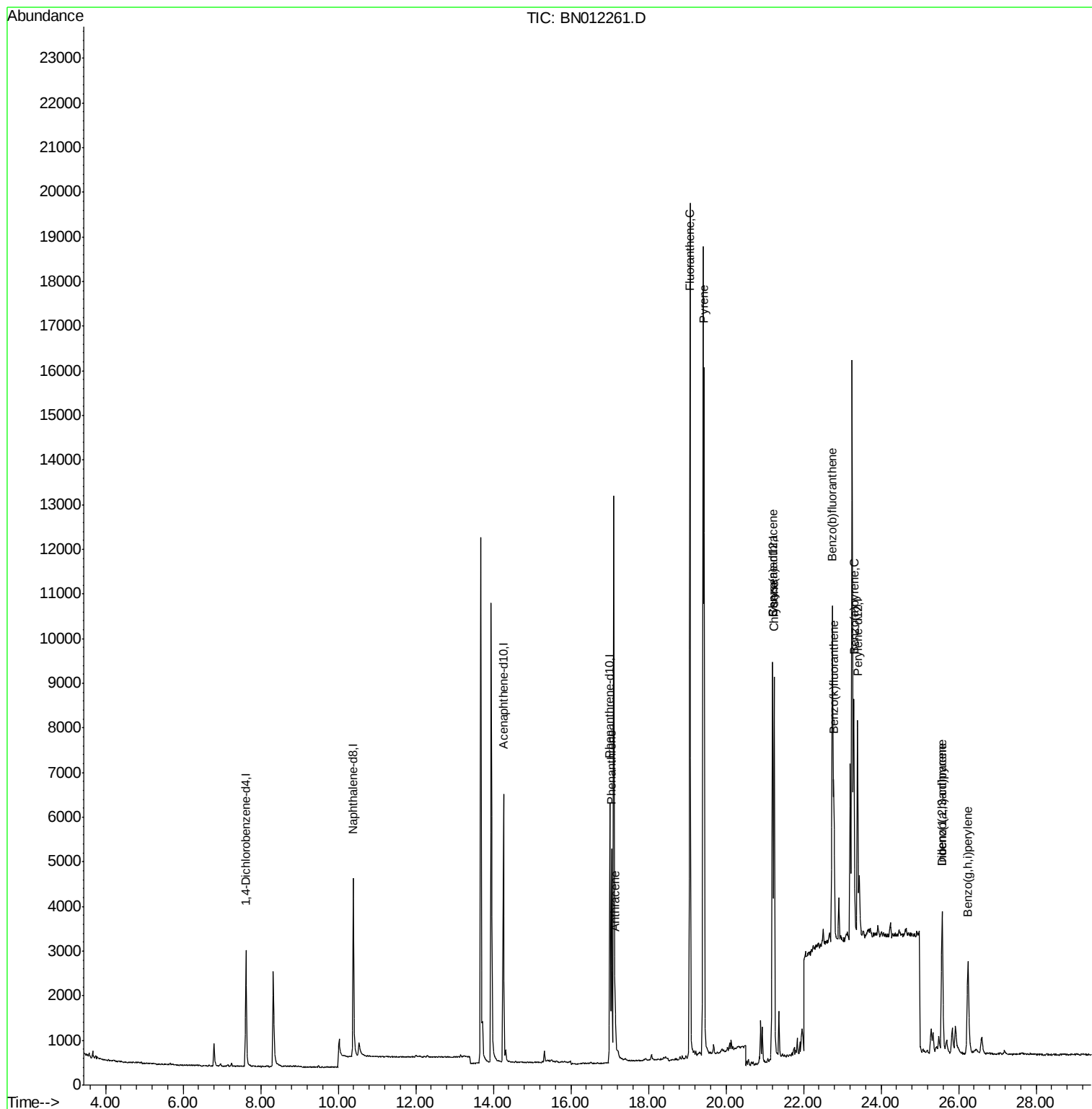
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ALS Vial : 73 Sample Multiplier: 1

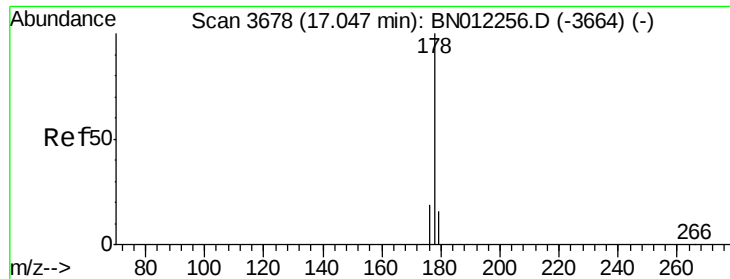
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#12

Phenanthrene

Concen: 0.231 ng/ul

RT: 17.05 min Scan# 3678

Delta R.T. 0.00 min

Lab File: BN012261.D

Acq: 16 Oct 2020 11:31

Instrument :

BNA_N

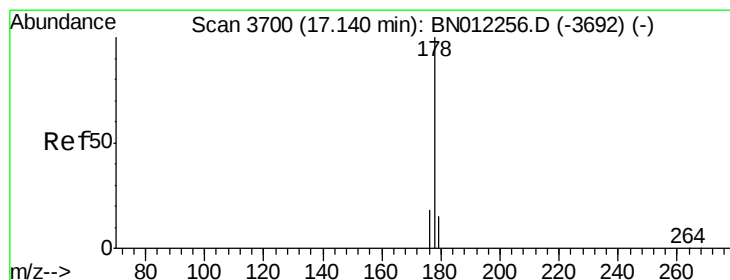
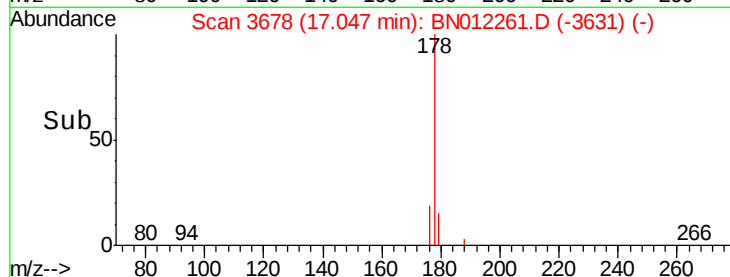
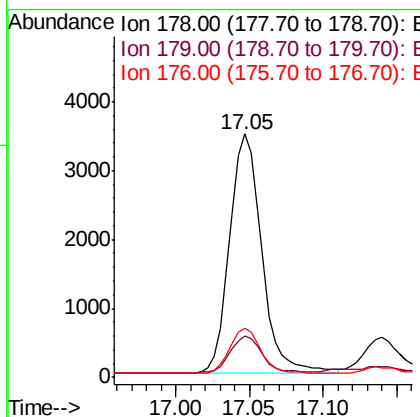
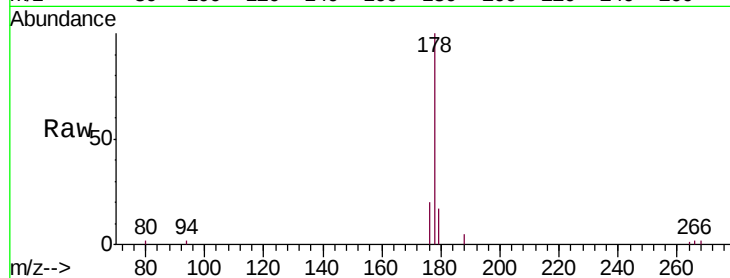
ClientSampleId :

C0AQ0DL

Tgt Ion:	178	Resp:	5254
Ion Ratio	Lower	Upper	
178	100		
179	16.8	13.4	20.2
176	20.0	15.7	23.5

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#13

Anthracene

Concen: 0.040 ng/ul

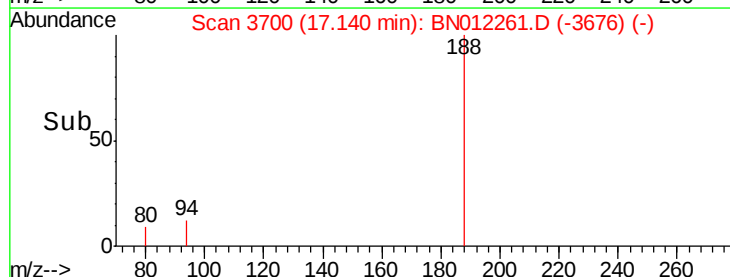
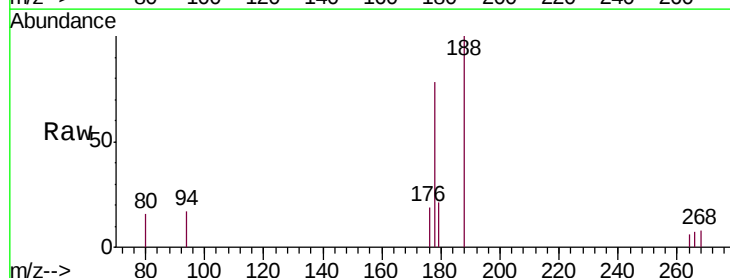
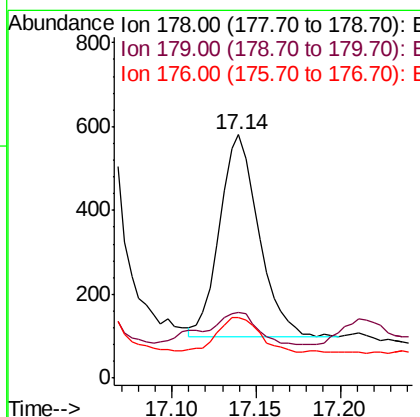
RT: 17.14 min Scan# 3700

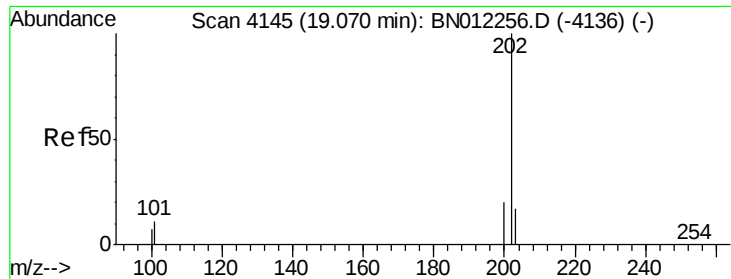
Delta R.T. 0.00 min

Lab File: BN012261.D

Acq: 16 Oct 2020 11:31

Tgt Ion:	178	Resp:	783
Ion Ratio	Lower	Upper	
178	100		
179	26.9	13.9	20.9#
176	25.0	15.4	23.0#





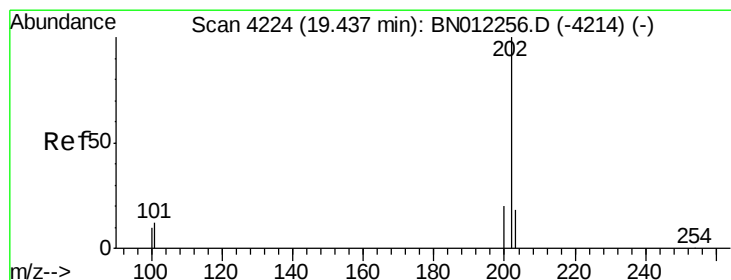
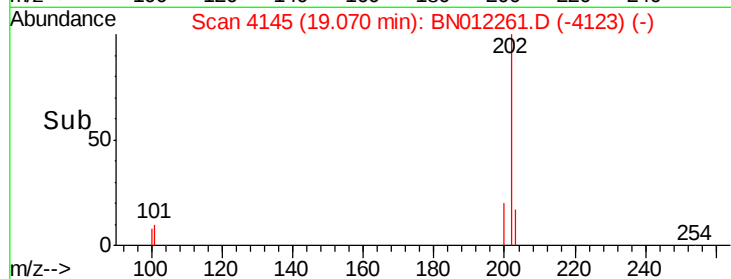
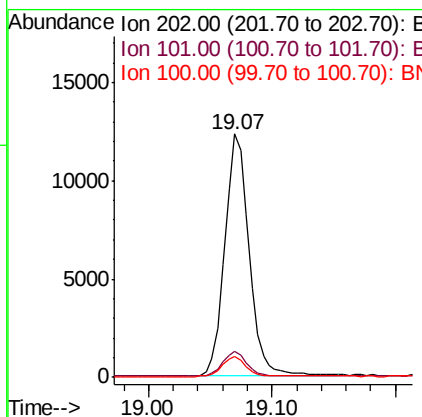
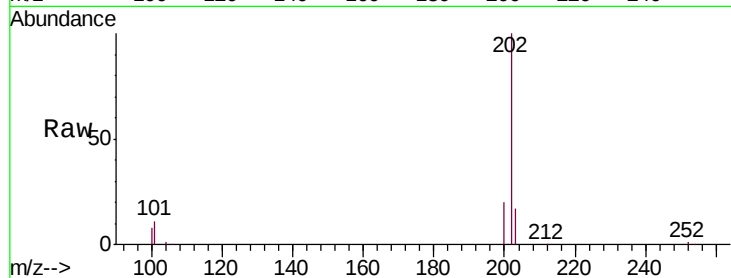
#15
Fluoranthene
 Concen: 0.638 ng/ul
 RT: 19.07 min Scan# 4145
 Delta R.T. 0.00 min
 Lab File: BN012261.D
 Acq: 16 Oct 2020 11:31

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.7	0.0	31.0
100	8.4	0.0	28.7

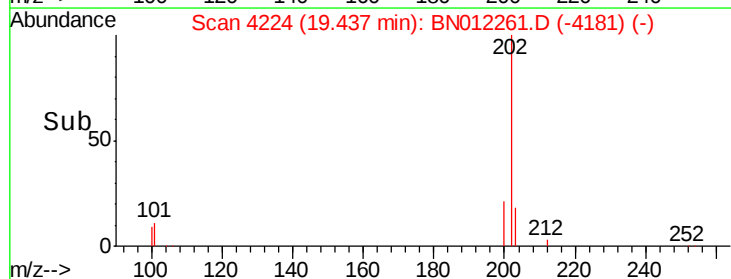
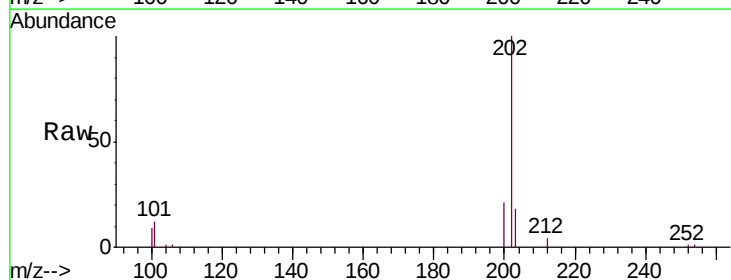
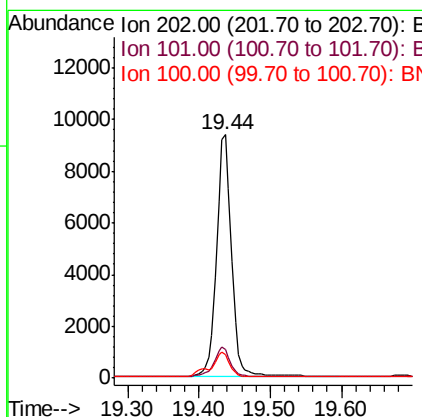
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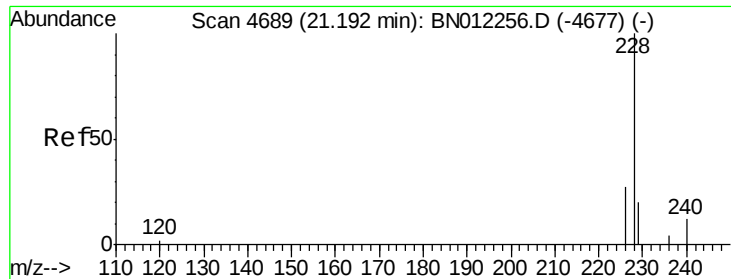
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#17
Pyrene
 Concen: 0.513 ng/ul
 RT: 19.44 min Scan# 4224
 Delta R.T. 0.00 min
 Lab File: BN012261.D
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.8	9.9	14.9
100	9.4	8.0	12.0





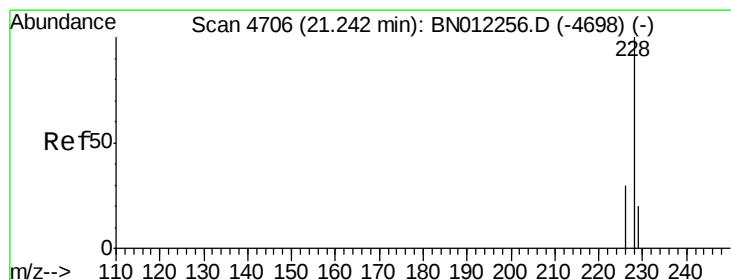
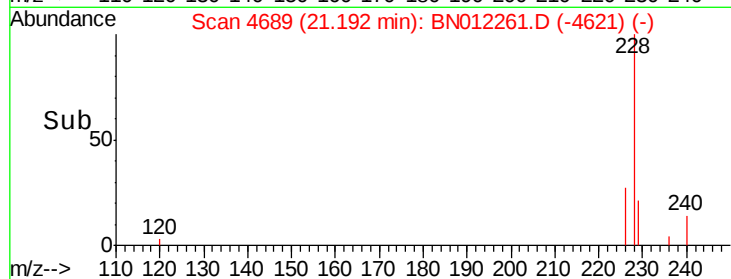
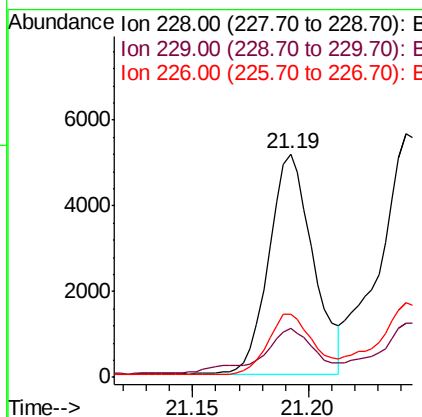
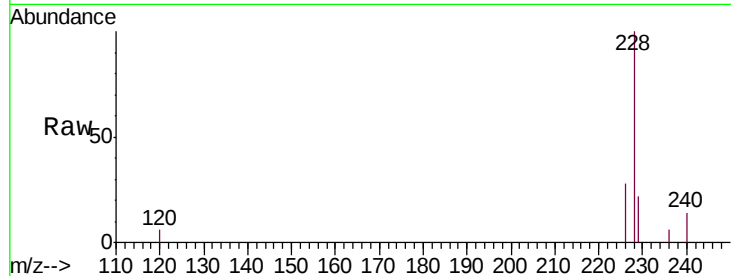
#18
Benzo(a)anthracene
Concen: 0.311 ng/ul
RT: 21.19 min Scan# 4689
Delta R.T. 0.00 min
Lab File: BN012261.D
Acq: 16 Oct 2020 11:31

Instrument :
BNA_N
ClientSampleId :
C0AQ0DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.8	23.8
226	28.3	22.6	33.8

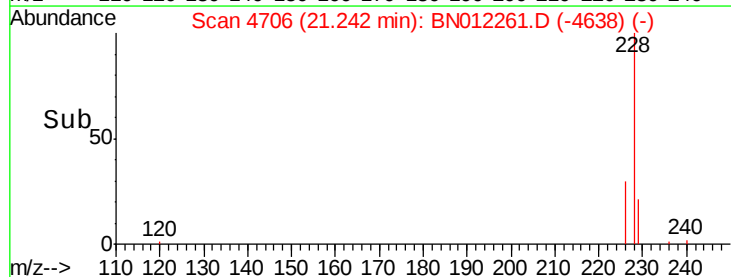
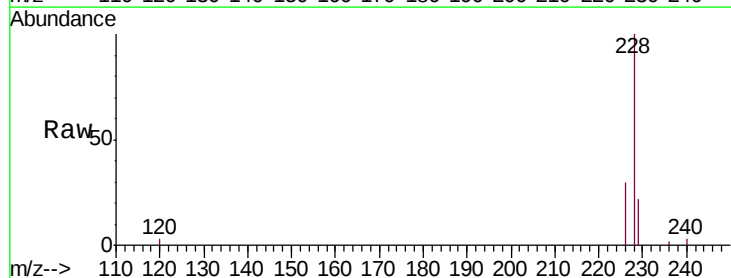
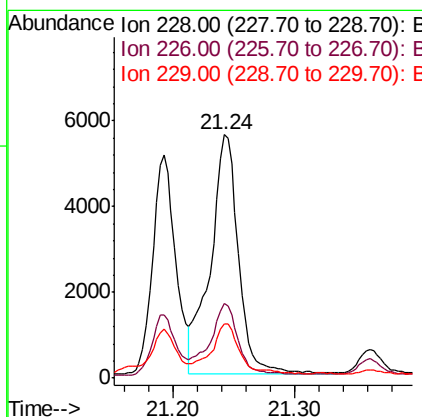
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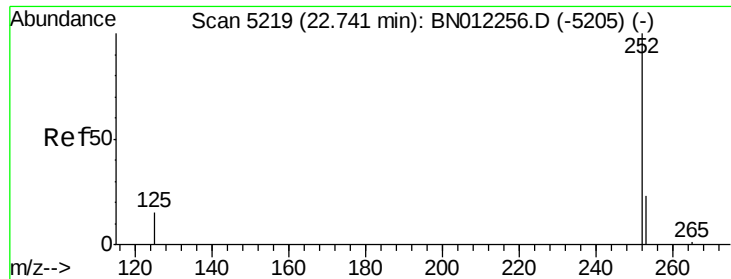
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#19
Chrysene
Concen: 0.341 ng/ul
RT: 21.24 min Scan# 4706
Delta R.T. 0.00 min
Lab File: BN012261.D
Acq: 16 Oct 2020 11:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	22.2	17.0	25.6





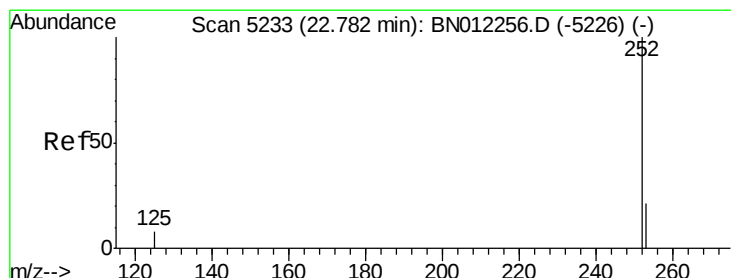
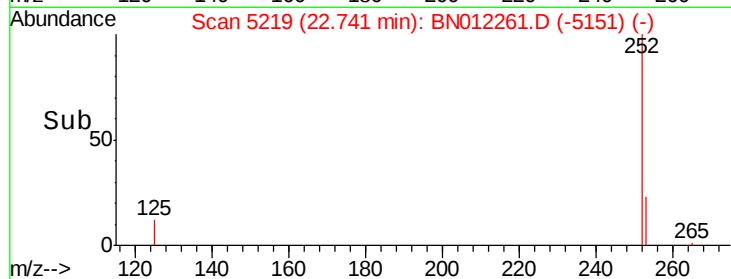
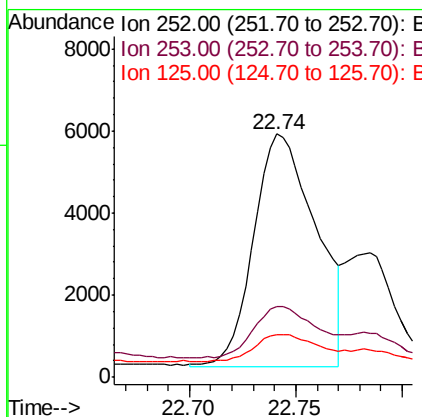
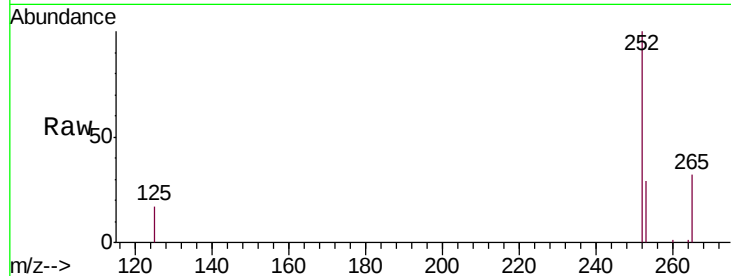
#21
Benzo(b)fluoranthene
Concen: 0.481 ng/ul m
RT: 22.74 min Scan# 5219
Delta R.T. 0.00 min
Lab File: BN012261.D
Acq: 16 Oct 2020 11:31

Instrument :
BNA_N
ClientSampleId :
C0AQ0DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	29.2	0.0	61.6
125	17.4	0.0	36.8

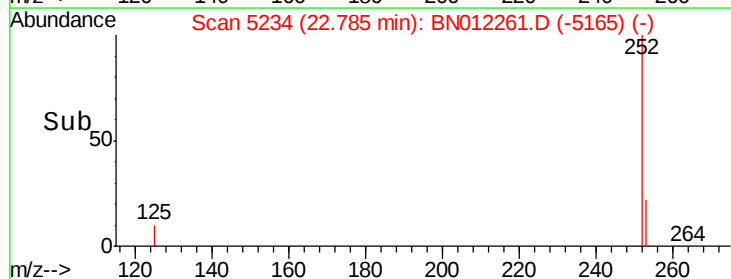
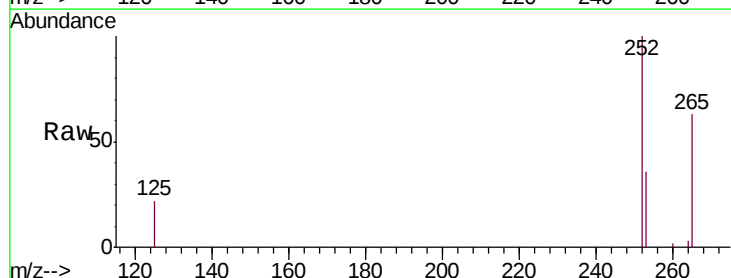
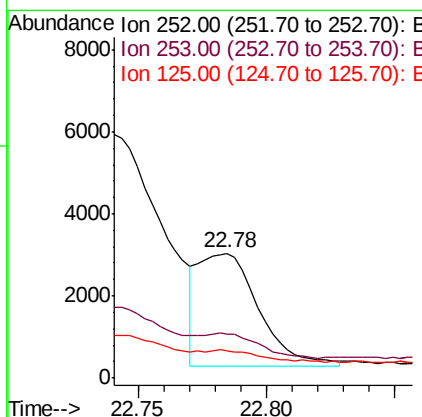
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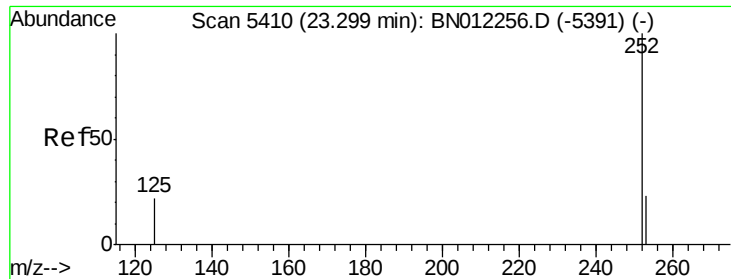
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#22
Benzo(k)fluoranthene
Concen: 0.169 ng/ul m
RT: 22.78 min Scan# 5234
Delta R.T. 0.00 min
Lab File: BN012261.D
Acq: 16 Oct 2020 11:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	35.5	24.4	36.6
125	22.2	12.9	19.3#





#23

Benzo(a)pyrene

Concen: 0.280 ng/ul

RT: 23.30 min Scan# 5409

Delta R.T. -0.00 min

Lab File: BN012261.D

Acq: 16 Oct 2020 11:31

Instrument :

BNA_N

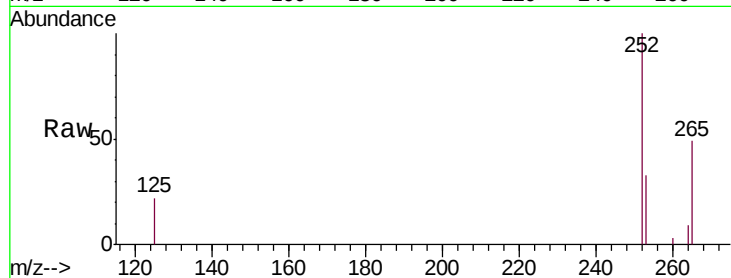
ClientSampleId :

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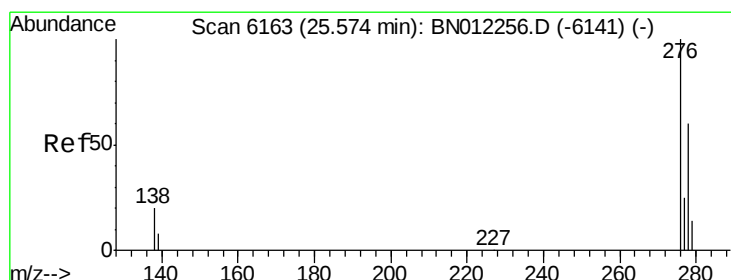
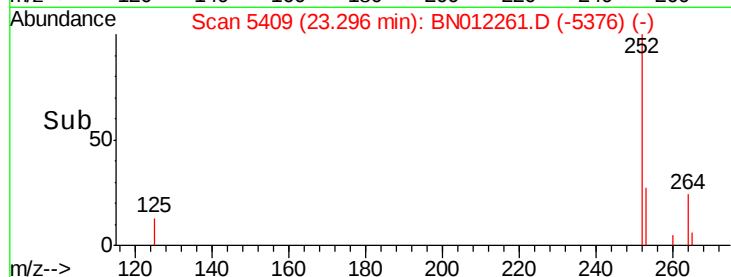
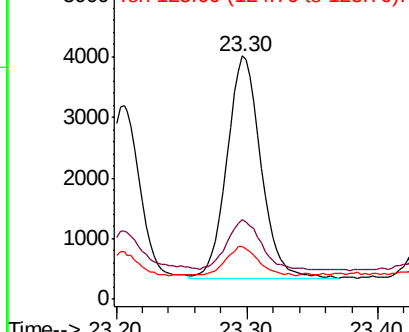
Tgt Ion:	252	Resp:	6531
Ion Ratio	Lower	Upper	
252	100		
253	32.9	27.0	40.4
125	21.6	18.8	28.2

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.169 ng/ul

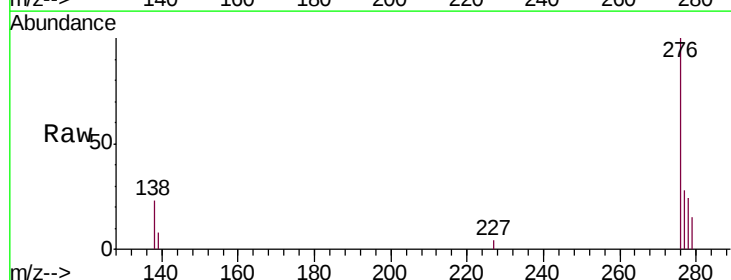
RT: 25.57 min Scan# 6163

Delta R.T. 0.00 min

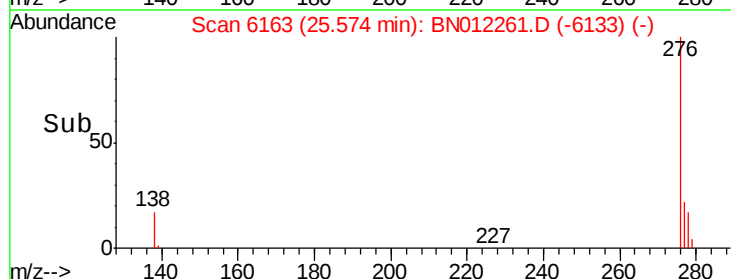
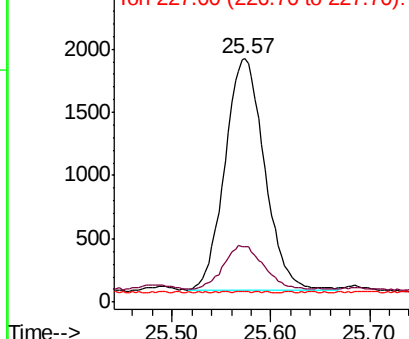
Lab File: BN012261.D

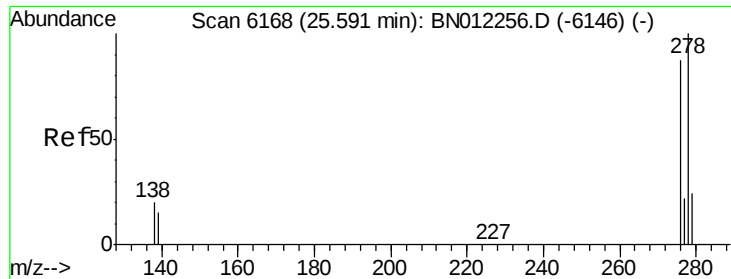
Acq: 16 Oct 2020 11:31

Tgt Ion:	276	Resp:	5070
Ion Ratio	Lower	Upper	
276	100		
138	19.3	0.0	0.0#
227	0.1	0.0	0.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.054 ng/ul

RT: 25.58 min Scan# 6166

Delta R.T. -0.01 min

Lab File: BN012261.D

Acq: 16 Oct 2020 11:31

Instrument :

BNA_N

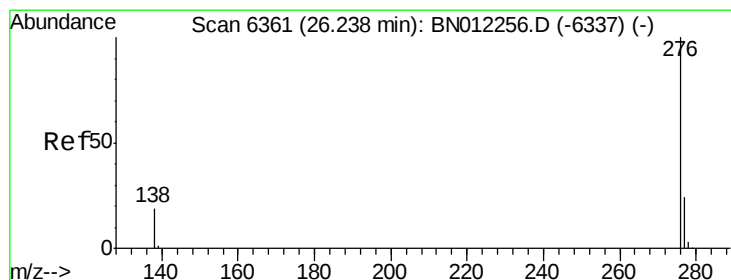
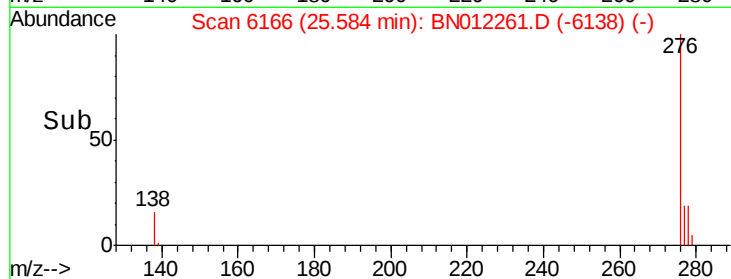
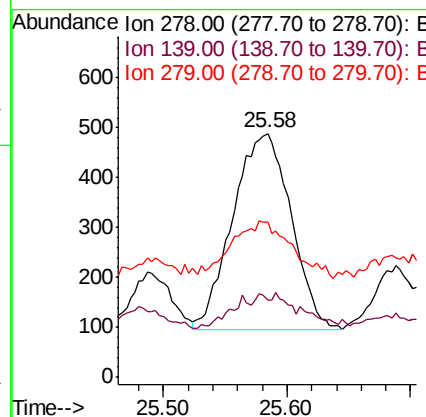
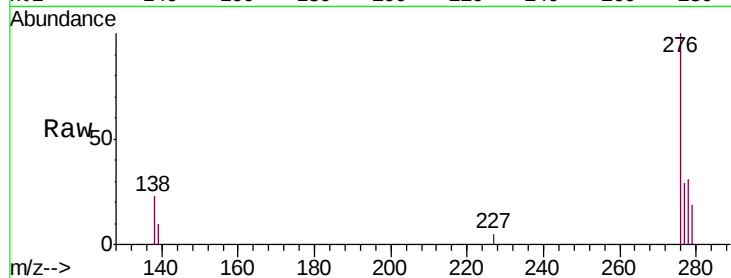
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Tgt Ion:	278	Resp:	1285
Ion Ratio	Lower	Upper	
278	100		
139	31.6	15.7	23.5#
279	63.7	26.0	39.0#

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#26

Benzo(g,h,i)perylene

Concen: 0.159 ng/ul

RT: 26.24 min Scan# 6361

Delta R.T. 0.00 min

Lab File: BN012261.D

Acq: 16 Oct 2020 11:31

Tgt Ion:	276	Resp:	4366
Ion Ratio	Lower	Upper	
276	100		
138	24.5	17.1	25.7
277	28.6	21.1	31.7

