

Data File : BN012229.D
Acq On : 15 Oct 2020 13:48
Operator : CG/JU
Sample : L4201-16
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AJ8

Manual Integrations
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Quant Time: Oct 15 14:49:20 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 : Thu Oct 15 10:47:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1734	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	7148	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4386	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8890m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	7526	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	7906	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	4823	0.46	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	10392	0.43	ng/ul	0.00
Target Compounds						
7) Acenaphthylene	13.98	152	392	0.021	ng/ul#	56
12) Phenanthrene	17.05	178	2096	0.074	ng/ul	95
15) Fluoranthene	19.07	202	6166	0.186	ng/ul	96
17) Pyrene	19.44	202	7267	0.214	ng/ul#	93
18) Benzo(a)anthracene	21.20	228	3065	0.110	ng/ul#	94
19) Chrysene	21.25	228	3641	0.107	ng/ul	96
21) Benzo(b)fluoranthene	22.75	252	4931m	0.154	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	1971m	0.056	ng/ul	
23) Benzo(a)pyrene	23.31	252	3297	0.106	ng/ul#	69
24) Indeno(1,2,3-cd)pyrene	25.58	276	2553	0.064	ng/ul#	100
26) Benzo(g,h,i)perylene	26.25	276	2552	0.070	ng/ul#	76

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

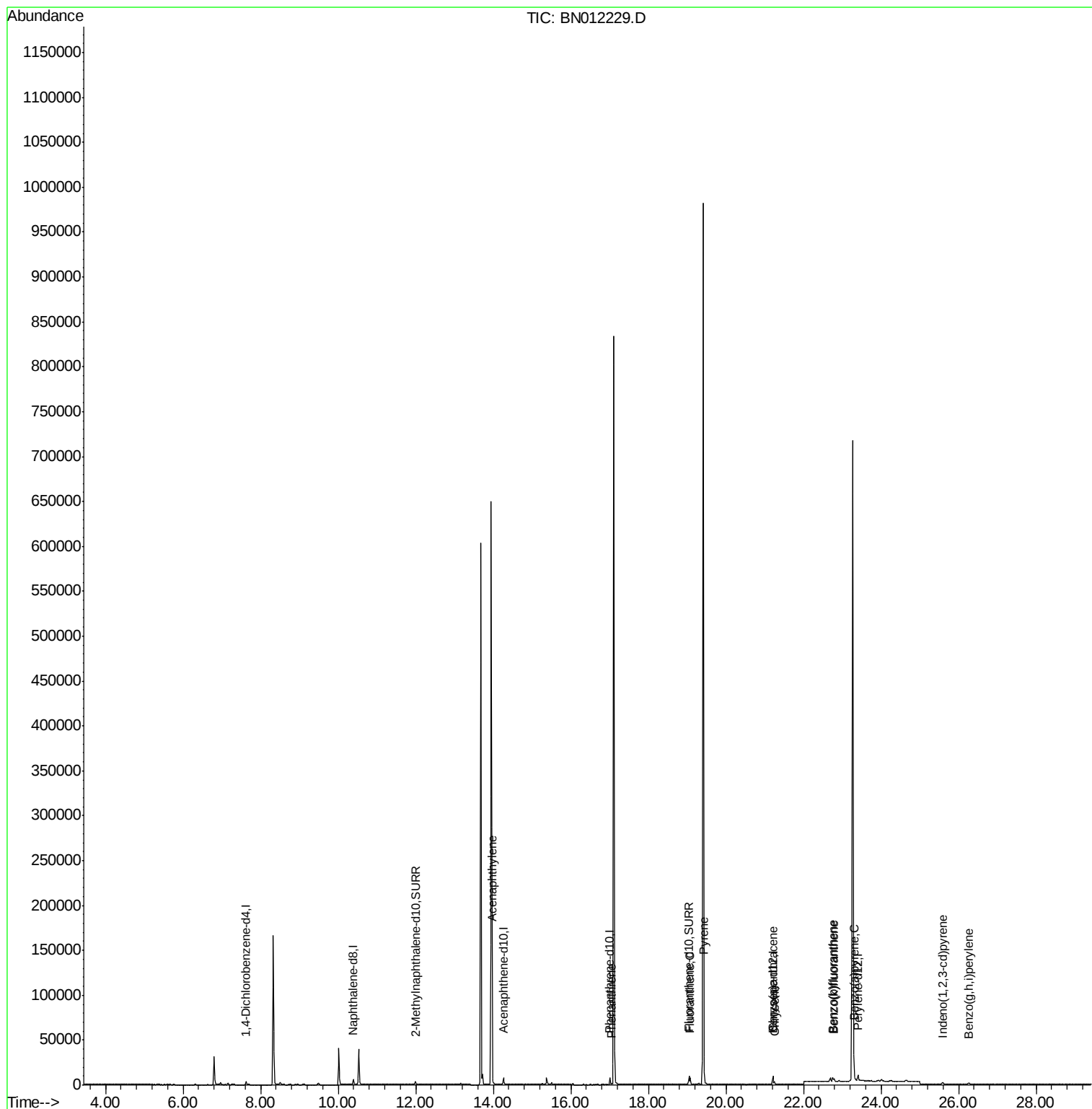
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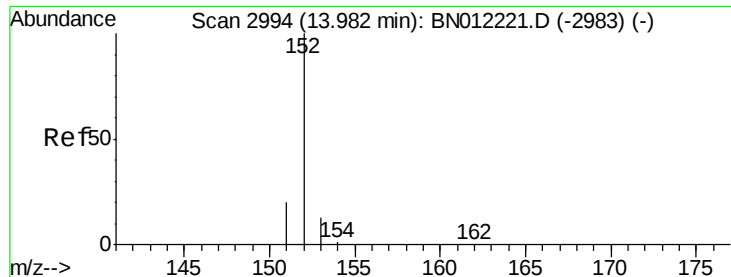
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#7

Acenaphthylene

Concen: 0.021 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.00 min

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Acq: 15 Oct 2020 13:48

Instrument :

BNA_N

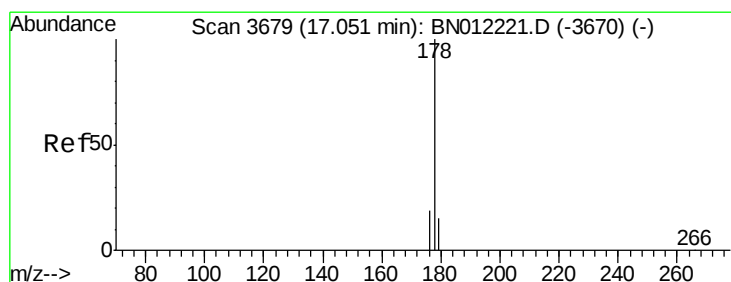
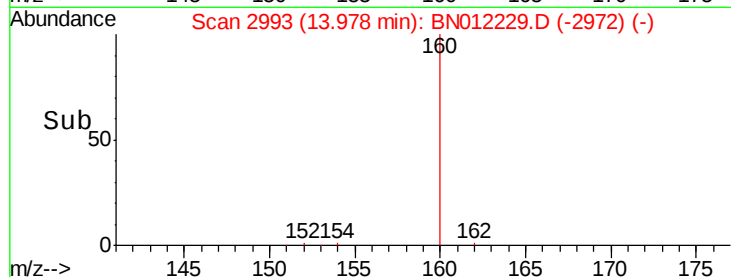
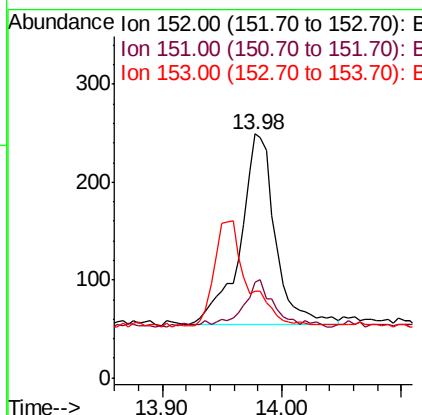
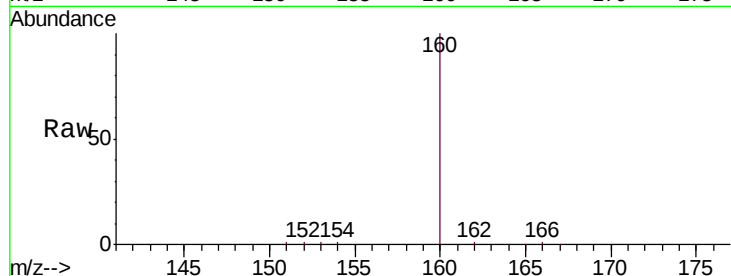
ClientSampleId :

C0AJ8

Tgt Ion	Ratio	Lower	Upper
152	100		
151	39.4	16.7	25.1#
153	35.7	11.8	17.8#

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#12

Phenanthrene

Concen: 0.074 ng/ul

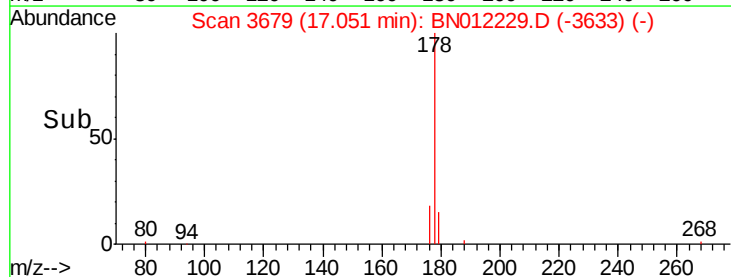
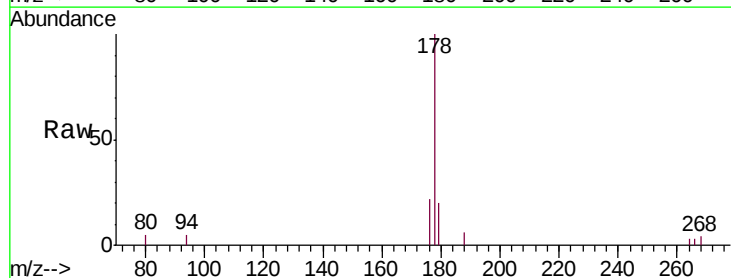
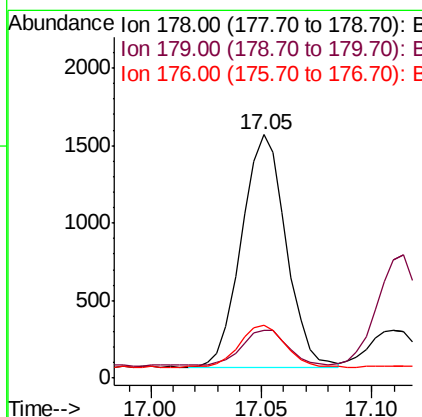
RT: 17.05 min Scan# 3679

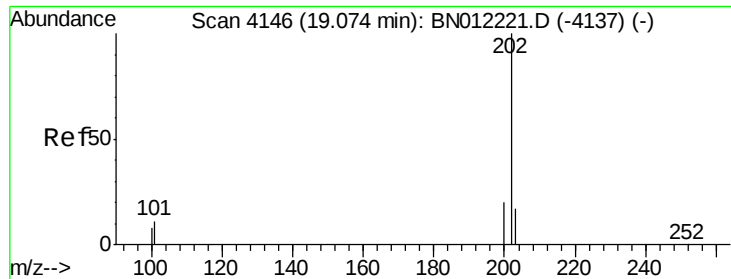
Delta R.T. -0.00 min

Lab File: BN012229.D

Acq: 15 Oct 2020 13:48

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.5	13.4	20.2
176	21.6	15.7	23.5





#15

Fluoranthene

Concen: 0.186 ng/ul

RT: 19.07 min Scan# 4146

Delta R.T. -0.00 min

Lab File: BN012229.D

Acq: 15 Oct 2020 13:48

Instrument :

BNA_N

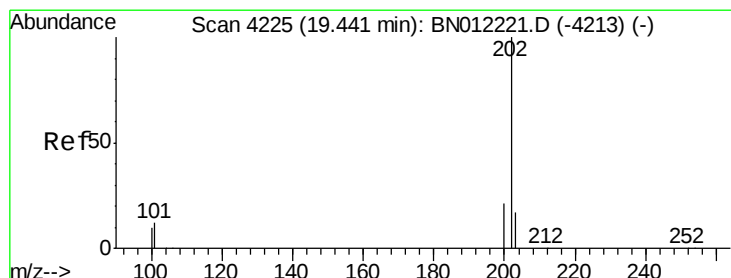
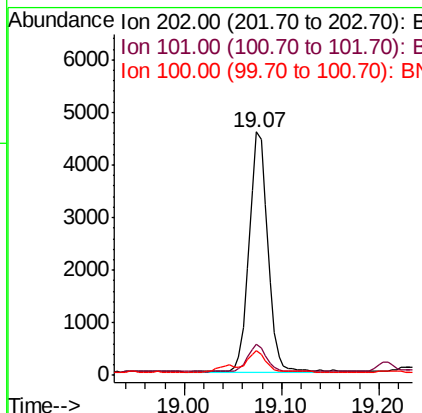
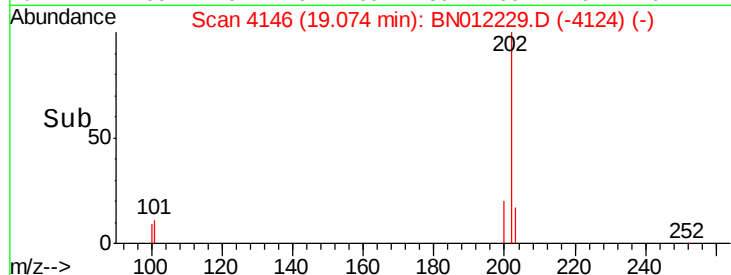
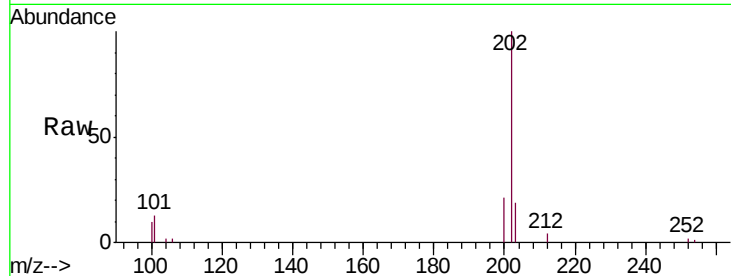
ClientSampleId :

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Tgt Ion:	202	Resp:	6166
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	31.0
100	9.9	0.0	28.7

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#17

Pyrene

Concen: 0.214 ng/ul

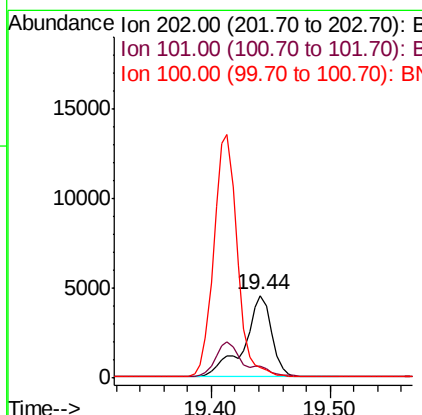
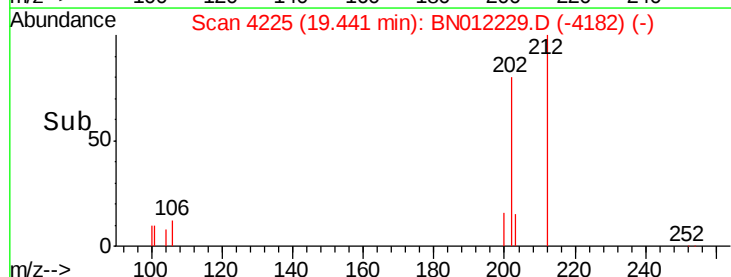
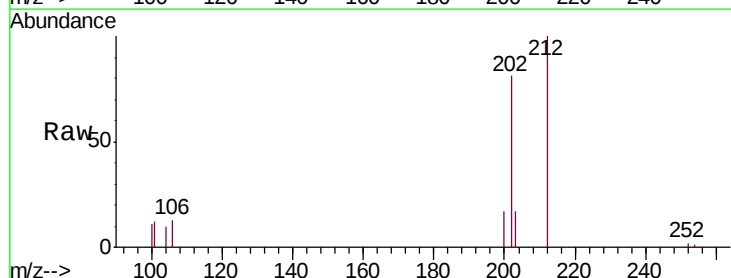
RT: 19.44 min Scan# 4225

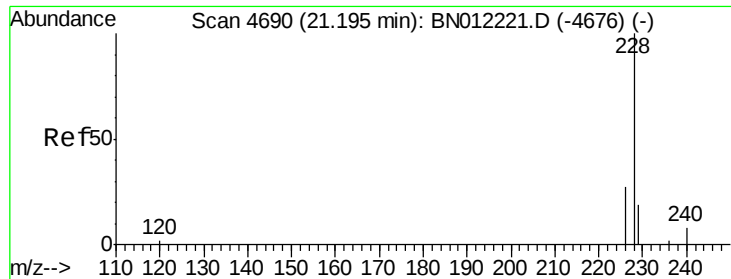
Delta R.T. -0.00 min

Lab File: BN012229.D

Acq: 15 Oct 2020 13:48

Tgt Ion:	202	Resp:	7267
Ion Ratio	Lower	Upper	
202	100		
101	14.6	9.9	14.9
100	12.9	8.0	12.0#





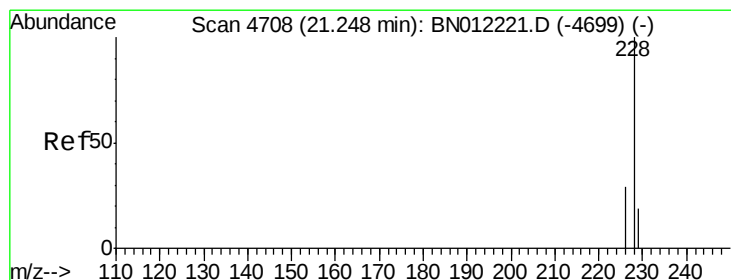
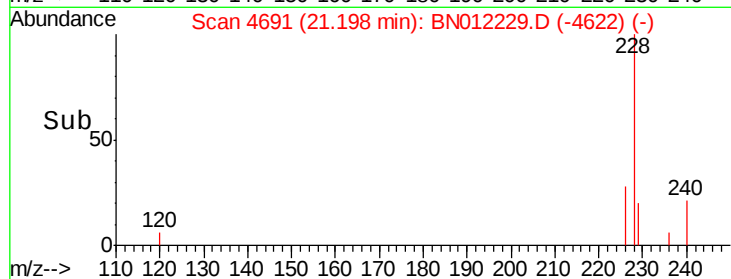
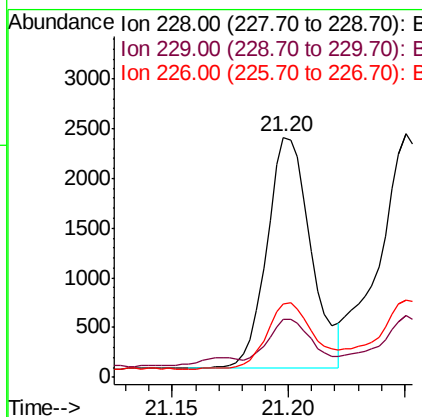
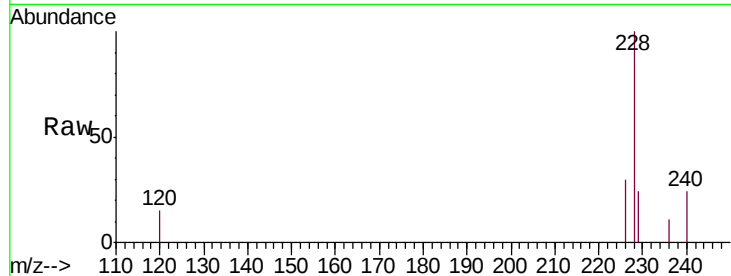
#18
Benzo(a)anthracene
Concen: 0.110 ng/ul
RT: 21.20 min Scan# 4691
Delta R.T. 0.00 min
Lab File: BN012229.D
Acq: 15 Oct 2020 13:48

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.0	15.8	23.8#
226	30.4	22.6	33.8

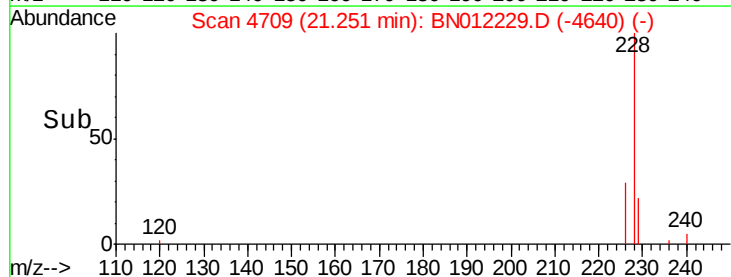
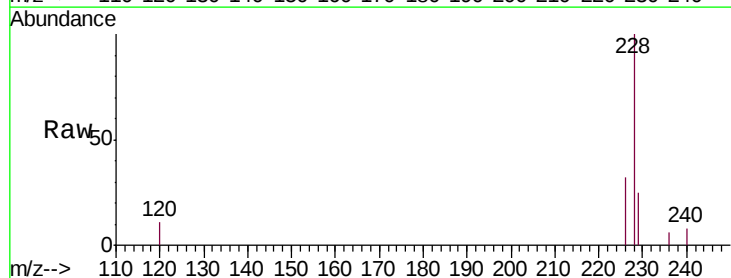
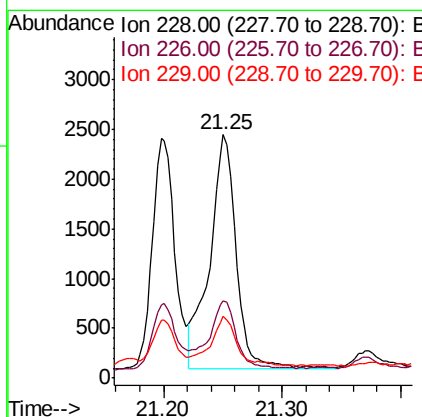
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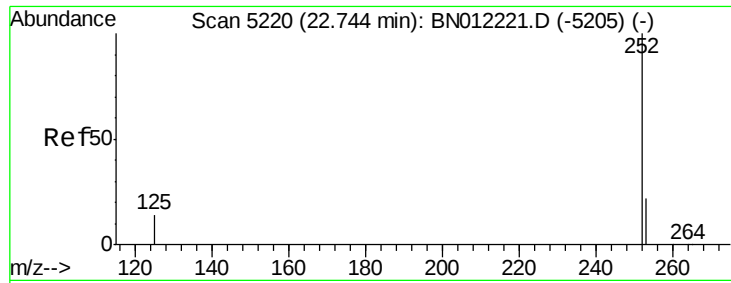
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#19
Chrysene
Concen: 0.107 ng/ul
RT: 21.25 min Scan# 4709
Delta R.T. 0.00 min
Lab File: BN012229.D
Acq: 15 Oct 2020 13:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.6	37.0
229	25.3	17.0	25.6





#21

Benzo(b)fluoranthene

Concen: 0.154 ng/ul m

RT: 22.75 min Scan# 5223

Delta R.T. 0.01 min

Lab File: BN012229.D

Acq: 15 Oct 2020 13:48

Instrument :

BNA_N

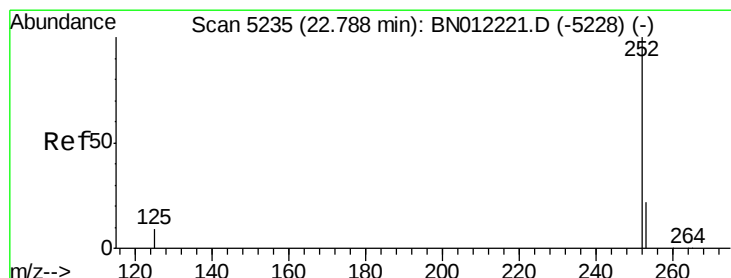
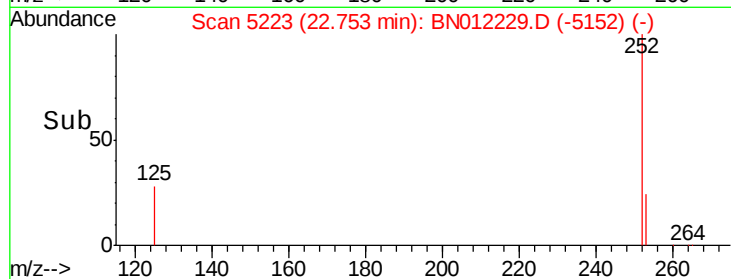
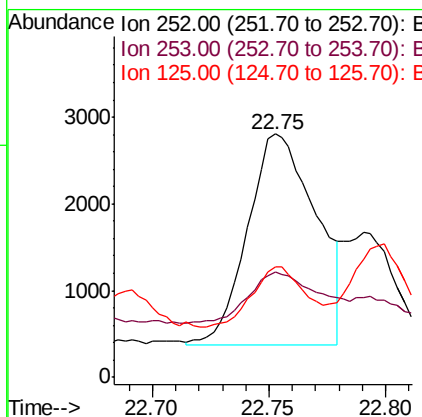
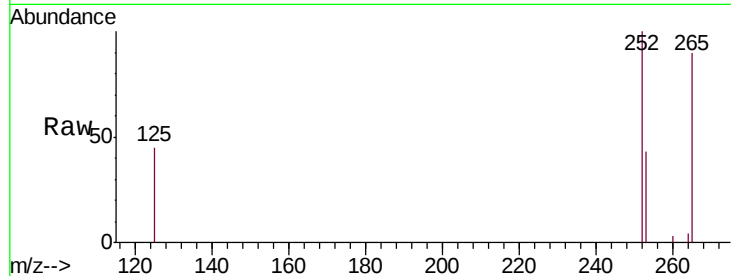
ClientSampleId :

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Tgt Ion:	252	Resp:	4931
Ion Ratio	Lower	Upper	
252	100		
253	43.1	0.0	61.6
125	45.2	0.0	36.8

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#22

Benzo(k)fluoranthene

Concen: 0.056 ng/ul m

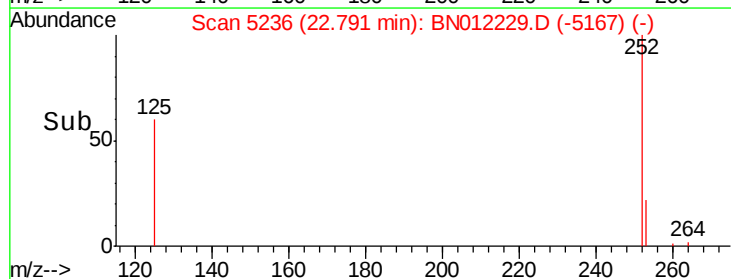
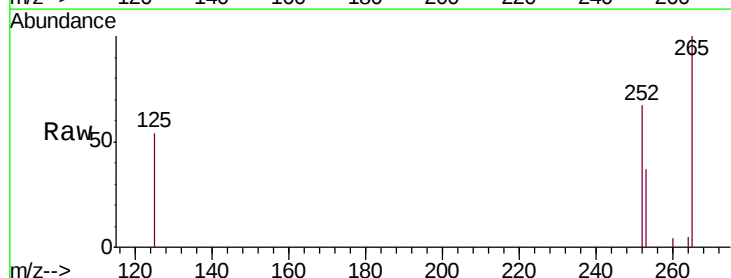
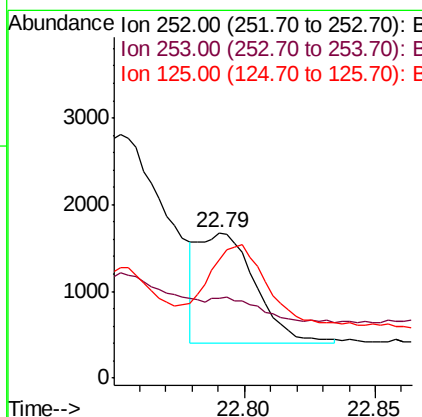
RT: 22.79 min Scan# 5236

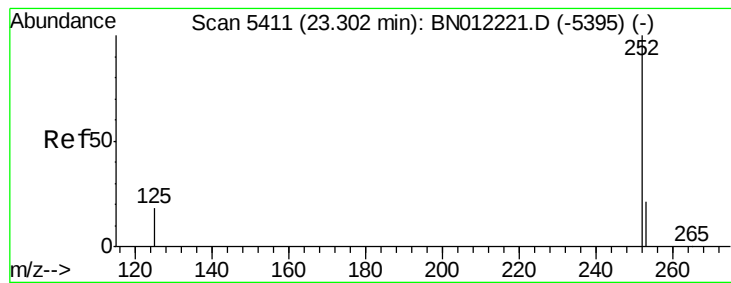
Delta R.T. 0.00 min

Lab File: BN012229.D

Acq: 15 Oct 2020 13:48

Tgt Ion:	252	Resp:	1971
Ion Ratio	Lower	Upper	
252	100		
253	55.1	24.4	36.6
125	81.0	12.9	19.3





#23

Benzo(a)pyrene

Concen: 0.106 ng/u1

RT: 23.31 min Scan# 5414

Delta R.T. 0.01 min

Lab File: BN012229.D

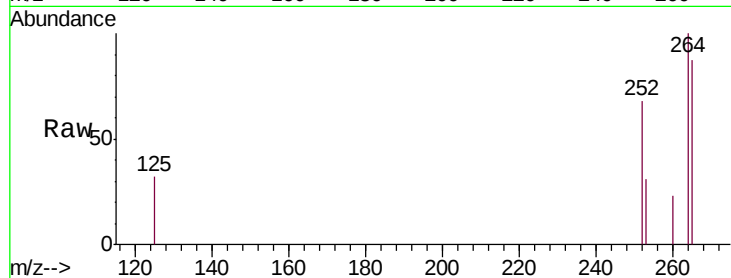
Acq: 15 Oct 2020 13:48

Instrument :

BNA_N

ClientSampleId :

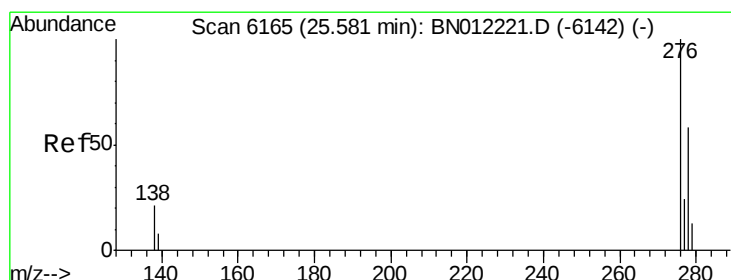
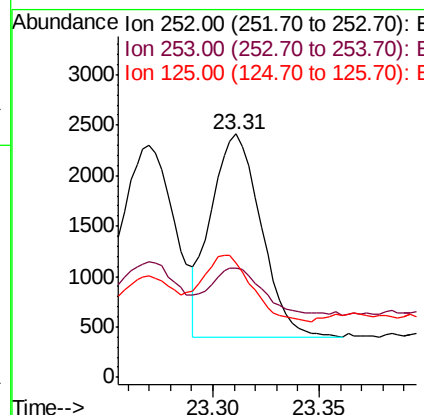
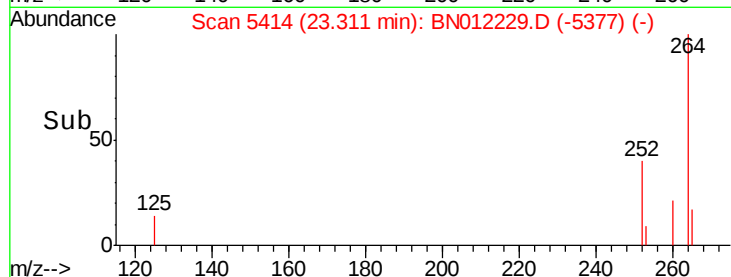
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	45.0	27.0	40.4#
125	46.9	18.8	28.2#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.064 ng/u1

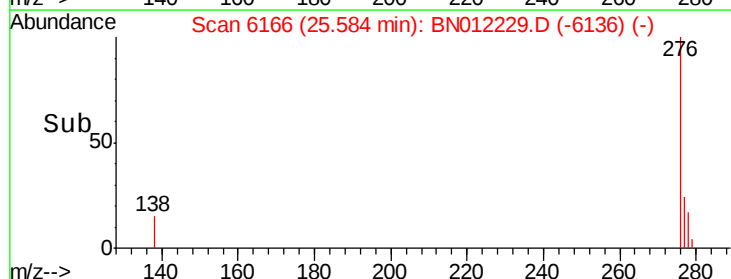
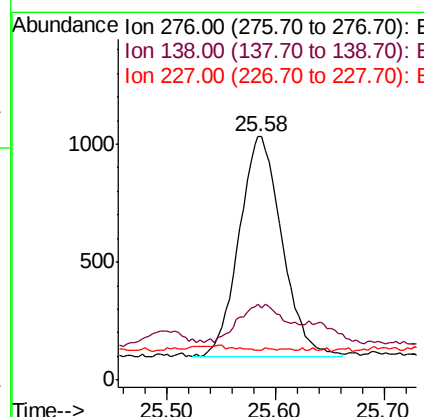
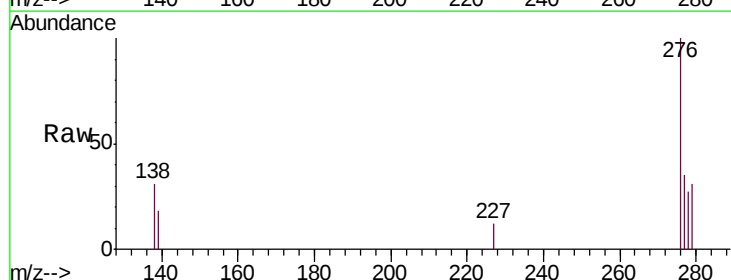
RT: 25.58 min Scan# 6166

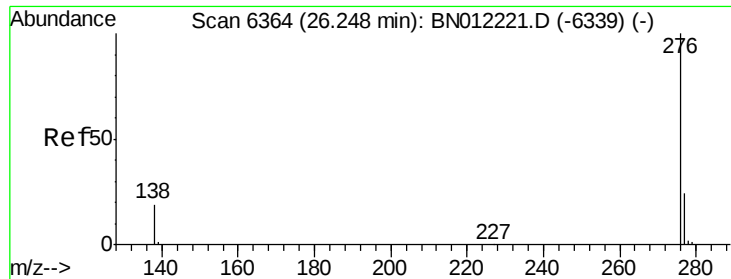
Delta R.T. -0.00 min

Lab File: BN012229.D

Acq: 15 Oct 2020 13:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.7	0.0	0.0#
227	0.2	0.0	0.0#





#26

Benzo(g,h,i)perylene

Concen: 0.070 ng/ul

RT: 26.25 min Scan# 6366

Delta R.T. 0.01 min

Lab File: BN012229.D

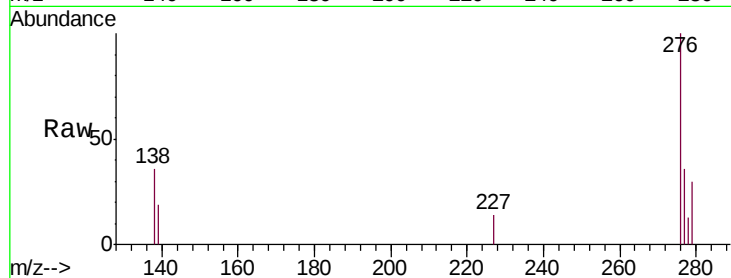
Acq: 15 Oct 2020 13:48

Instrument :

BNA_N

ClientSampleId :

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Tgt	Ion	276	Resp:	2552
	Ratio	100	Lower	Upper
	276	100		
	138	35.9	17.1	25.7#
	277	36.0	21.1	31.7#

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