

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012966.D
 Acq On : 08 Dec 2020 08:32
 Operator : CG/JU
 Sample : L4862-11
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BB7

Manual Integrations
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Quant Time: Dec 08 11:52:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:24:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1413	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	5647	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	3242	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	6682m	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4710	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	4162	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	3681	0.44	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	7415	0.41	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	16.85	178	1021	0.046	ng/ul#	87
15) Fluoranthene	18.88	202	1729	0.065	ng/ul	90
17) Pyrene	19.25	202	1805	0.081	ng/ul#	80
18) Benzo(a)anthracene	21.02	228	730	0.037	ng/ul#	84
19) Chrysene	21.07	228	1133	0.053	ng/ul#	89
21) Benzo(b)fluoranthene	22.52	252	1289m	0.067	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	443m	0.021	ng/ul	
23) Benzo(a)pyrene	23.04	252	629	0.035	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.20	276	508	0.022	ng/ul#	56
26) Benzo(g,h,i)perylene	25.82	276	527	0.025	ng/ul#	49

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

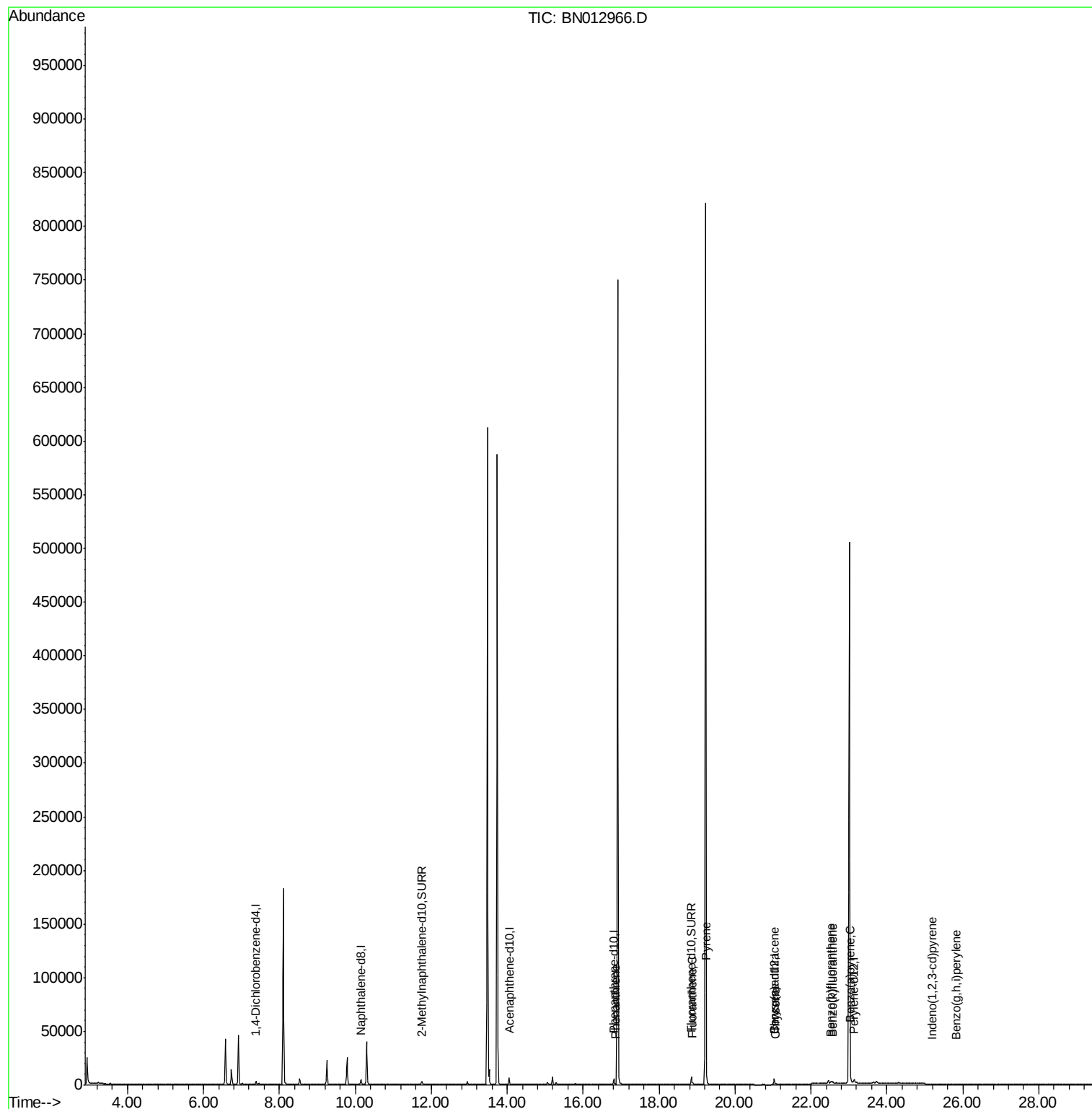
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
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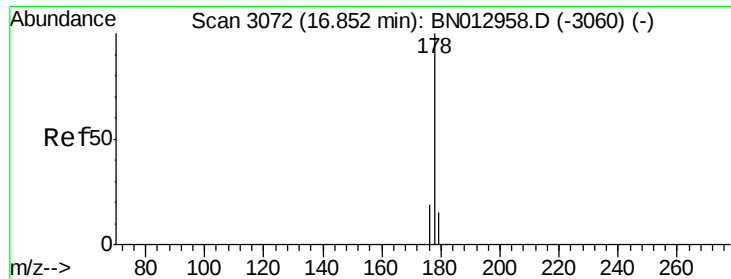
Instrument :
BNA_N
ClientSampleId :
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Quant Time: Dec 08 11:52:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:24:06 2020
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.046 ng/ul

RT: 16.85 min Scan# 3071

Delta R.T. -0.00 min

Lab File: BN012966.D

Acq: 08 Dec 2020 08:32

Instrument :

BNA_N

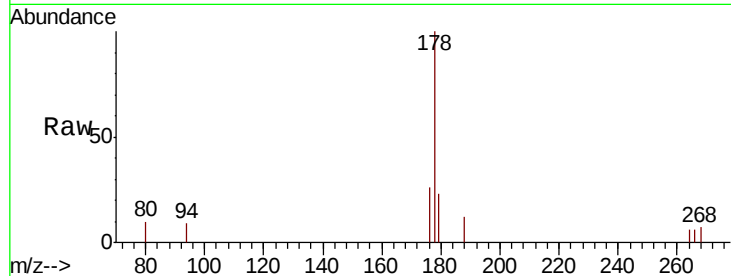
ClientSampleId :

C0BB7

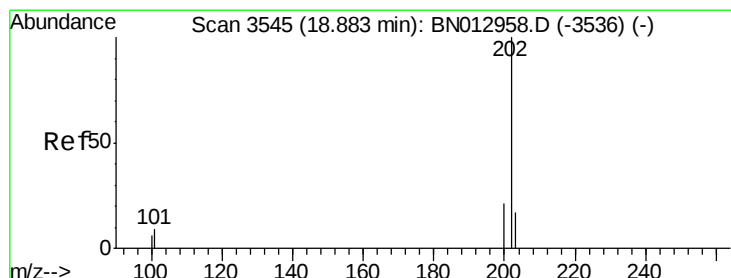
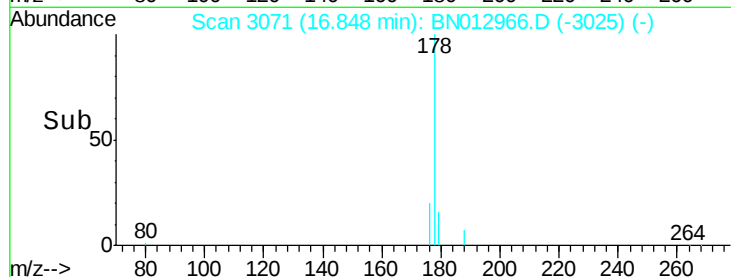
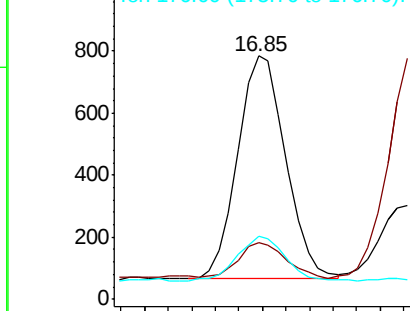
Tot Ion:	178	Resp:	1021
Ion Ratio	Lower	Upper	
178	100		
179	23.4	13.6	20.4#
176	26.1	16.4	24.6#

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.065 ng/ul

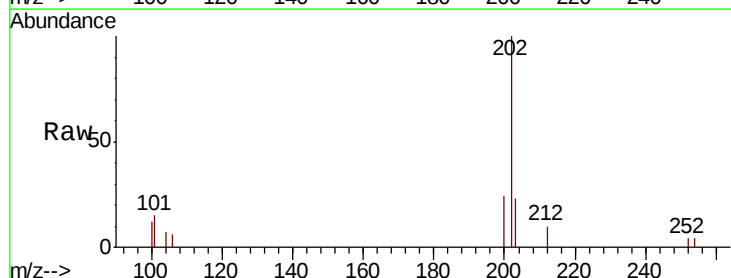
RT: 18.88 min Scan# 3545

Delta R.T. 0.00 min

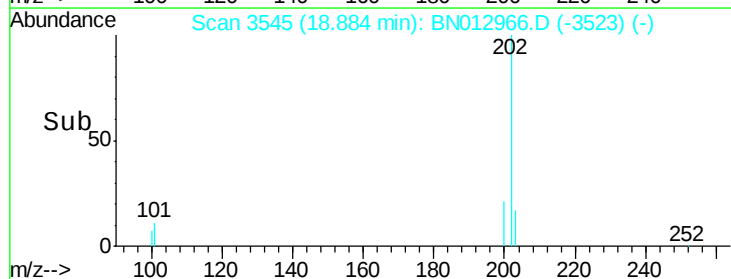
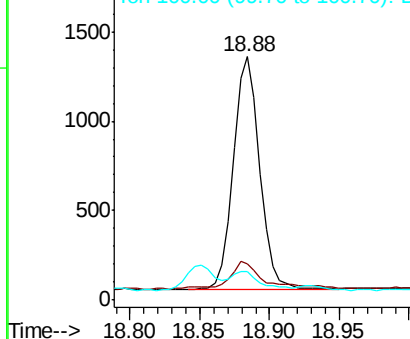
Lab File: BN012966.D

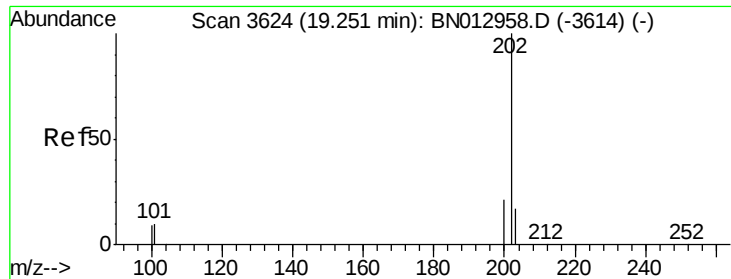
Acq: 08 Dec 2020 08:32

Tgt Ion:	202	Resp:	1729
Ion Ratio	Lower	Upper	
202	100		
101	14.8	0.0	30.6
100	11.6	0.0	28.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





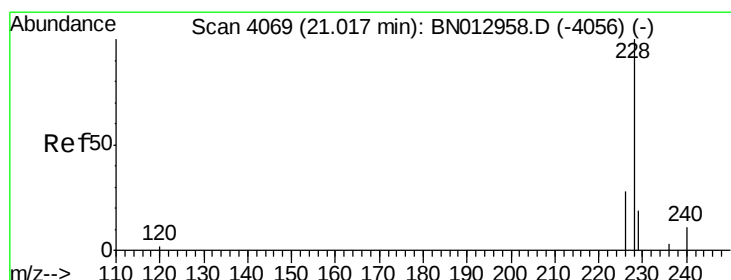
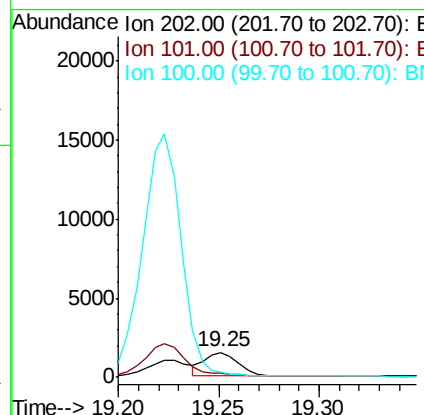
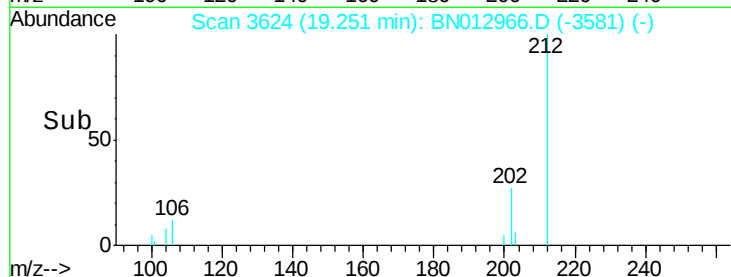
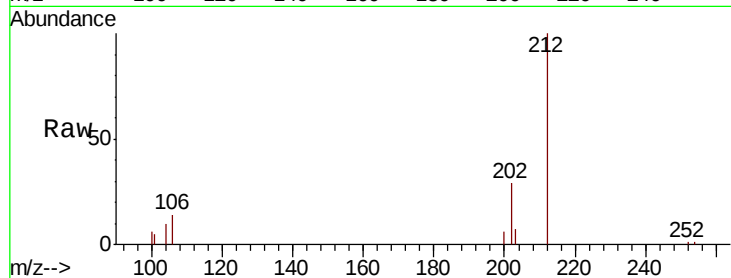
#17
Pvrene
Concen: 0.081 ng/ul
RT: 19.25 min Scan# 3624
Delta R.T. 0.00 min
Lab File: BN012966.D
Acq: 08 Dec 2020 08:32

Instrument :
BNA_N
ClientSampleId :
C0BB7

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.9	9.1	13.7#
100	20.0	7.5	11.3#

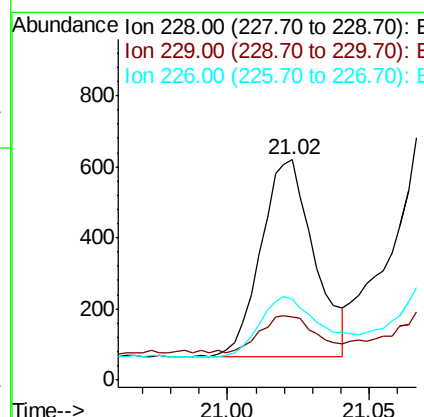
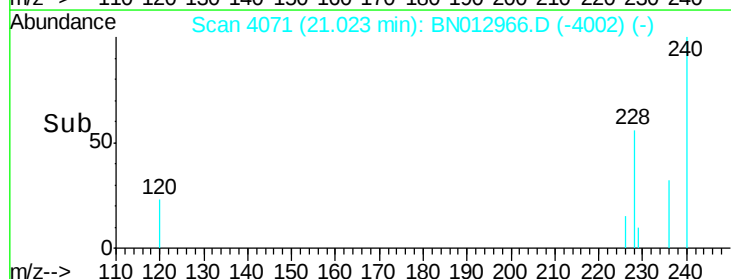
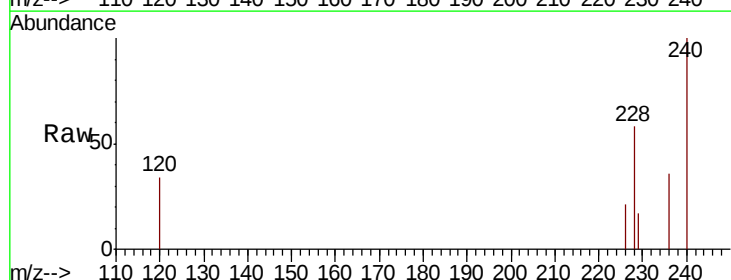
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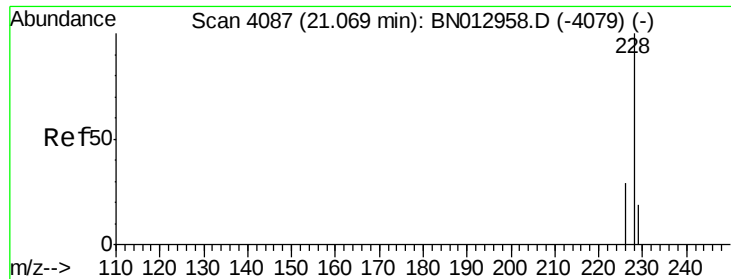
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#18
Benzo(a)anthracene
Concen: 0.037 ng/ul
RT: 21.02 min Scan# 4071
Delta R.T. 0.00 min
Lab File: BN012966.D
Acq: 08 Dec 2020 08:32

Tgt Ion	Ratio	Lower	Upper
228	100		
229	28.8	16.3	24.5#
226	36.7	23.4	35.2#





#19

Chrysene

Concen: 0.053 ng/ul

RT: 21.07 min Scan# 4088

Delta R.T. 0.00 min

Lab File: BN012966.D

Acq: 08 Dec 2020 08:32

Instrument :

BNA_N

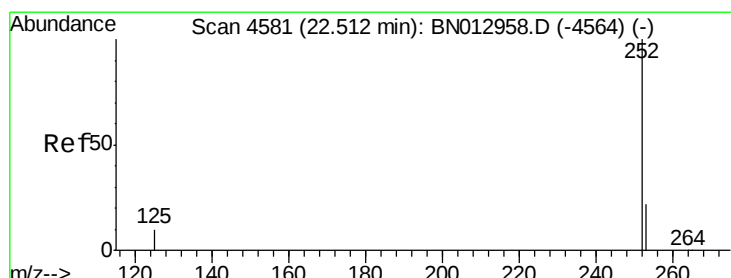
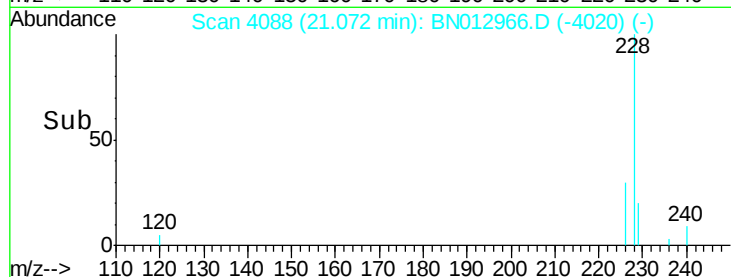
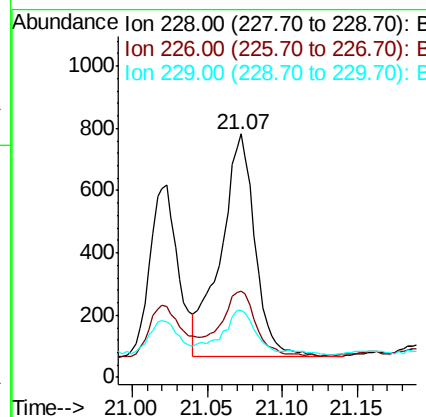
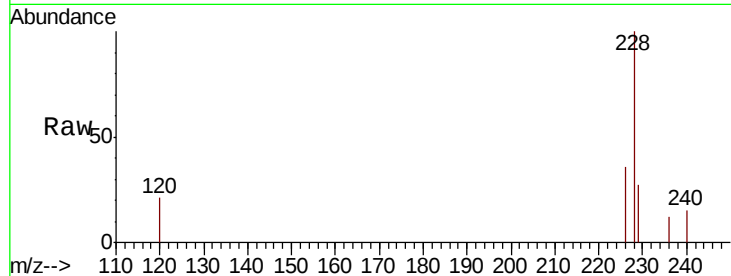
ClientSampled :

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Tot Ion:	228	Resp:	1133
Ion Ratio	Lower	Upper	
228	100		
226	35.7	25.0	37.6
229	27.5	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 0.067 ng/ul m

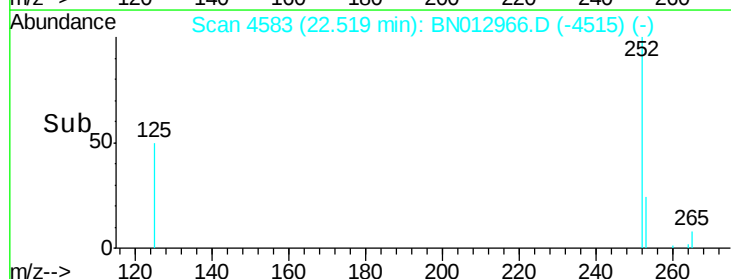
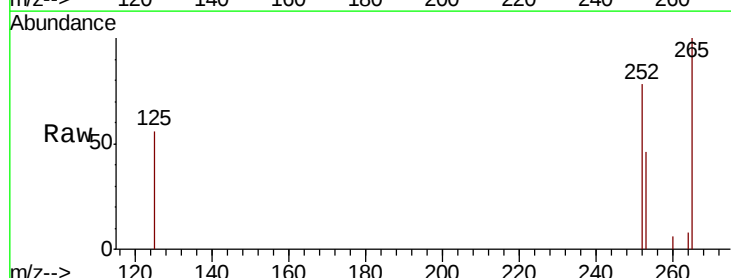
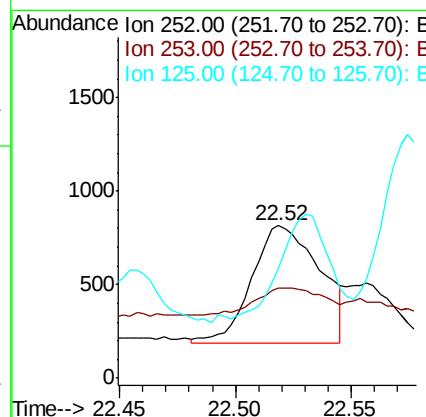
RT: 22.52 min Scan# 4583

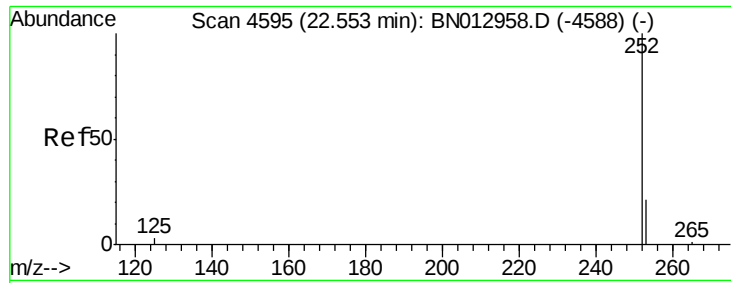
Delta R.T. 0.00 min

Lab File: BN012966.D

Acq: 08 Dec 2020 08:32

Tgt Ion:	252	Resp:	1289
Ion Ratio	Lower	Upper	
252	100		
253	58.8	0.0	59.6
125	72.0	0.0	26.0





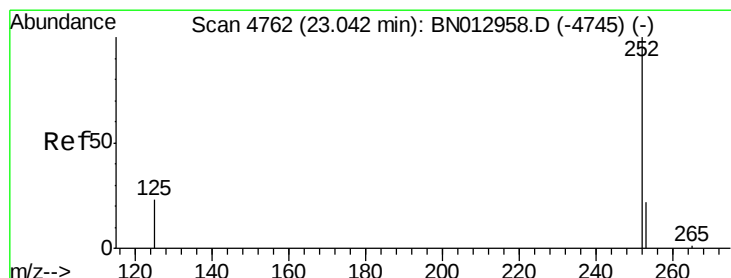
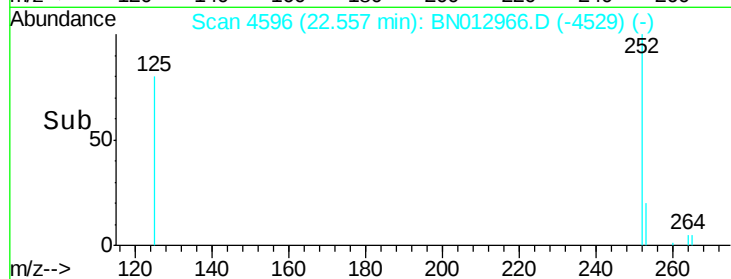
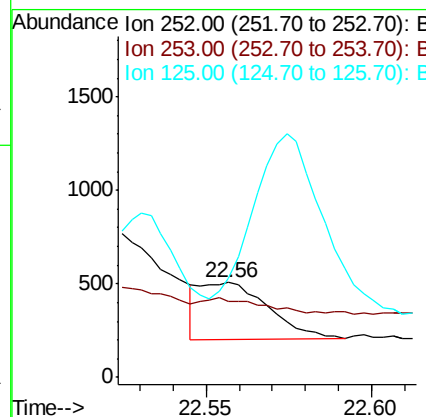
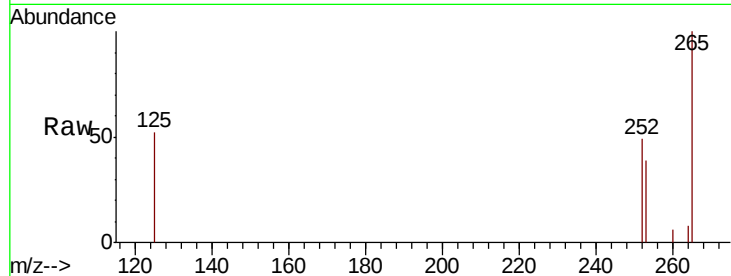
#22
Benzo(k)fluoranthene
Concen: 0.021 ng/ul m
RT: 22.56 min Scan# 4596
Delta R.T. -0.00 min
Lab File: BN012966.D
Acq: 08 Dec 2020 08:32

Instrument :
BNA_N
ClientSampleId :
C0BB7

Tot Ion	Ratio	Lower	Upper
252	100		
253	79.5	23.4	35.2#
125	104.7	11.1	16.7#

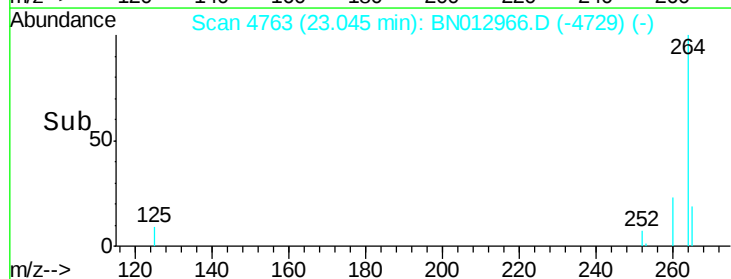
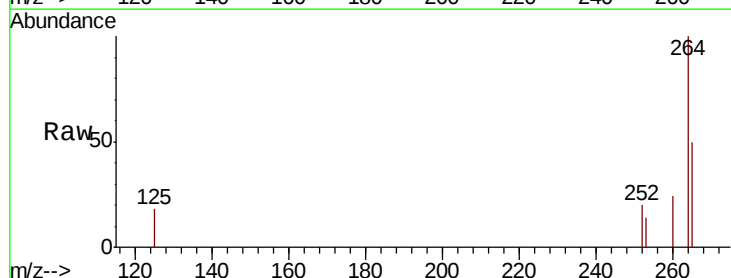
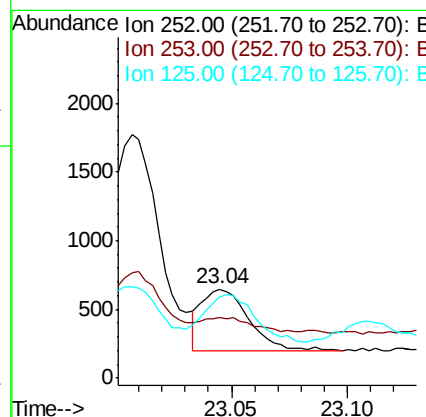
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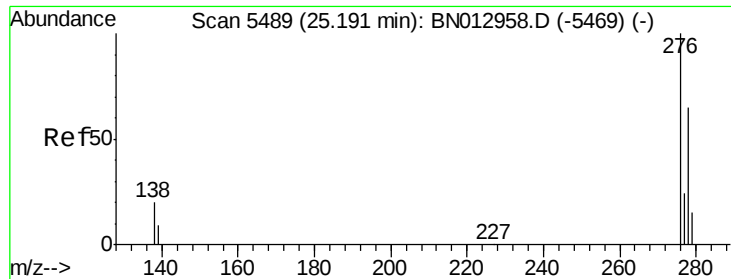
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#23
Benzo(a)pyrene
Concen: 0.035 ng/ul
RT: 23.04 min Scan# 4763
Delta R.T. 0.00 min
Lab File: BN012966.D
Acq: 08 Dec 2020 08:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	68.9	26.5	39.7#
125	91.2	14.2	21.2#





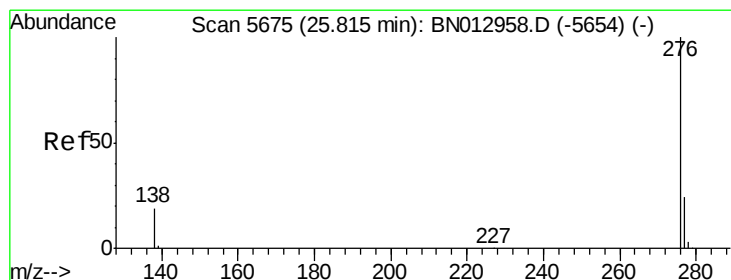
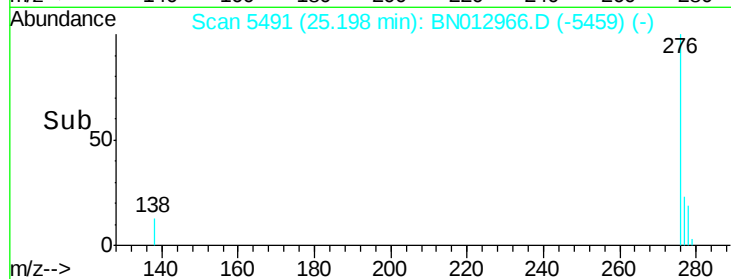
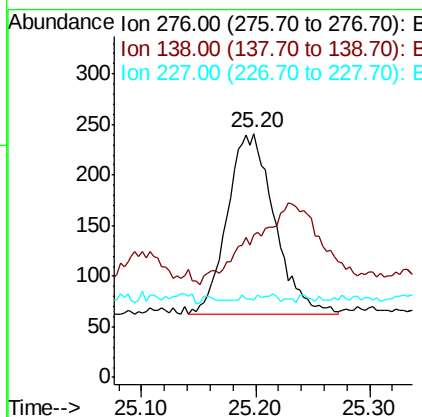
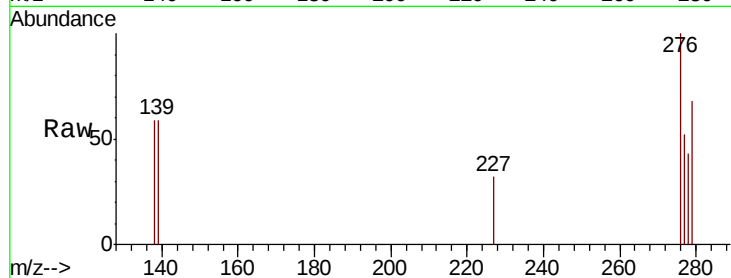
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.022 ng/ul
 RT: 25.20 min Scan# 5491
 Delta R.T. 0.01 min
 Lab File: BN012966.D
 Acq: 08 Dec 2020 08:32

Instrument :
 BNA_N
 ClientSampleId :
 C0BB7

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.2	24.2#
227	0.6	0.0	0.0#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.025 ng/ul
 RT: 25.82 min Scan# 5677
 Delta R.T. 0.00 min
 Lab File: BN012966.D
 Acq: 08 Dec 2020 08:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	52.3	16.3	24.5#
277	46.9	21.8	32.6#

