

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101920\
 Data File : BN012370.D
 Acq On : 20 Oct 2020 03:00
 Operator : CG/JU
 Sample : L4308-03DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AP8DL

Manual Integrations
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Sohil
 10/20/2020 9:36:29 AM

Quant Time: Oct 20 08:33:32 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 : Tue Oct 20 08:18:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1398	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	6027	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	3345	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	6639	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	5938	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	5950	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	363	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	701	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.41	128	356	0.020	ng/ul#	60
7) Acenaphthylene	13.95	152	525	0.036	ng/ul#	73
8) Acenaphthene	14.30	153	658	0.054	ng/ul	97
9) Fluorene	15.29	166	899	0.066	ng/ul#	95
12) Phenanthrene	17.03	178	20774	0.982	ng/ul	98
13) Anthracene	17.12	178	3418	0.188	ng/ul	96
15) Fluoranthene	19.05	202	57008	2.304	ng/ul	98
17) Pyrene	19.41	202	46334	1.731	ng/ul	98
18) Benzo(a)anthracene	21.17	228	23882	1.086	ng/ul	98
19) Chrysene	21.22	228	31043	1.158	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	44284m	1.843	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	16220m	0.610	ng/ul	
23) Benzo(a)pyrene	23.26	252	25266	1.081	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.52	276	20486	0.682	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.52	278	5091	0.212	ng/ul#	89
26) Benzo(a,h,i)perylene	26.18	276	18032	0.655	ng/ul	98

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

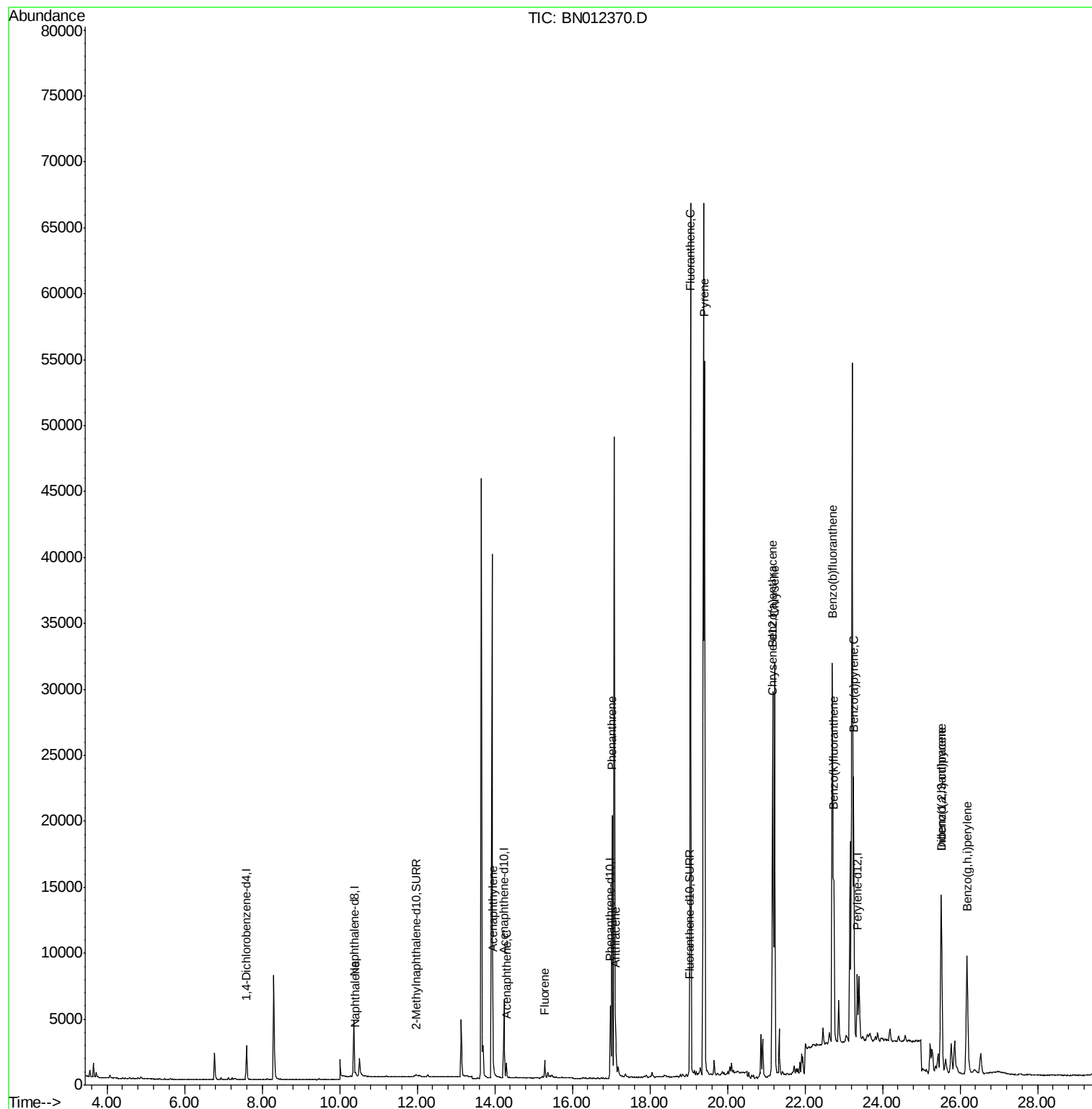
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101920\
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ALS Vial : 27 Sample Multiplier: 1

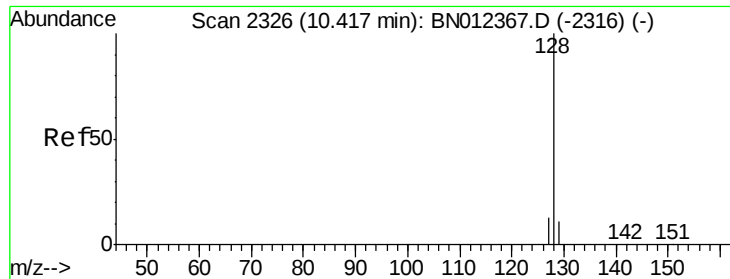
Instrument :
BNA_N
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Quant Time: Oct 20 08:33:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 20 08:18:15 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.020 ng/ul

RT: 10.41 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BN012370.D

Acq: 20 Oct 2020 03:00

Instrument :

BNA_N

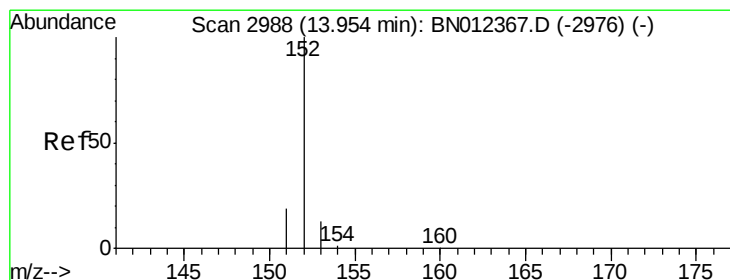
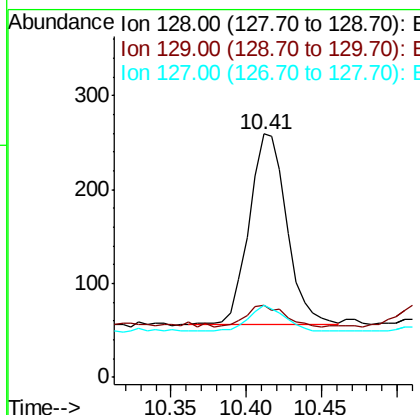
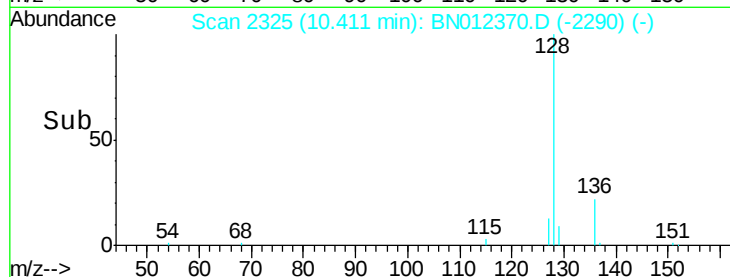
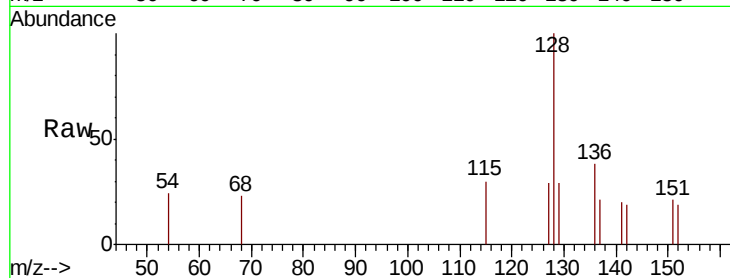
ClientSampleId :

C0AP8DL

Tot Ion:	128	Resp:	356
Ion Ratio	Lower	Upper	
128	100		
129	29.3	9.8	14.6#
127	29.3	11.4	17.2#

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#7

Acenaphthylene

Concen: 0.036 ng/ul

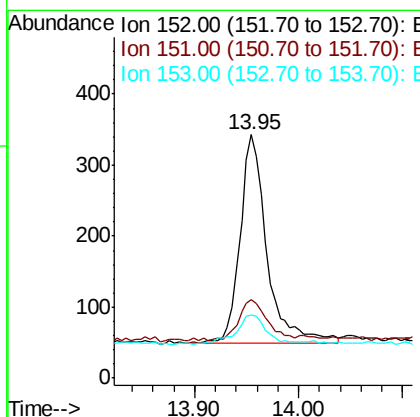
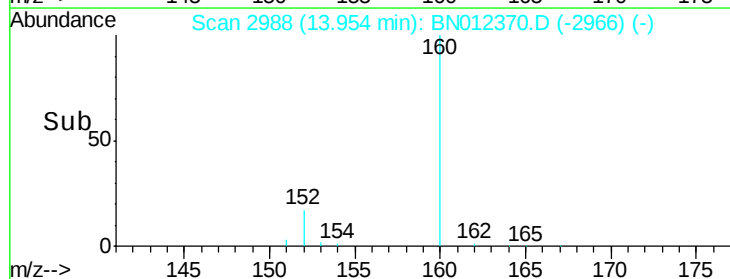
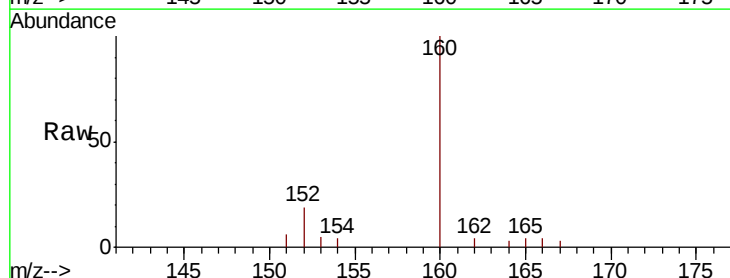
RT: 13.95 min Scan# 2988

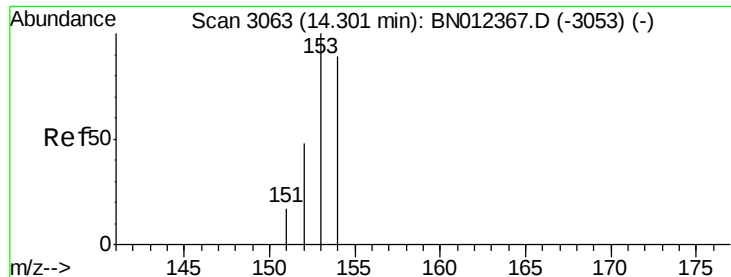
Delta R.T. 0.00 min

Lab File: BN012370.D

Acq: 20 Oct 2020 03:00

Tgt Ion:	152	Resp:	525
Ion Ratio	Lower	Upper	
152	100		
151	32.4	16.6	24.8#
153	25.9	11.4	17.0#





#8

Acenaphthene

Concen: 0.054 ng/ul

RT: 14.30 min Scan# 3063

Delta R.T. 0.00 min

Lab File: BN012370.D

Acq: 20 Oct 2020 03:00

Instrument :

BNA_N

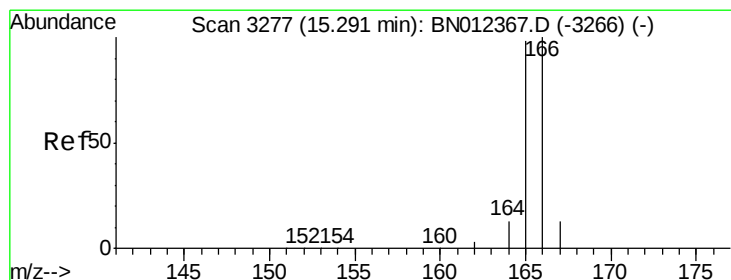
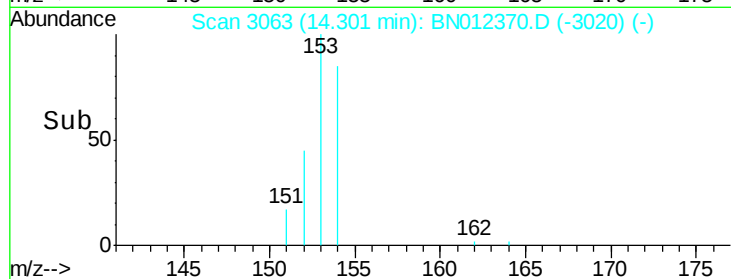
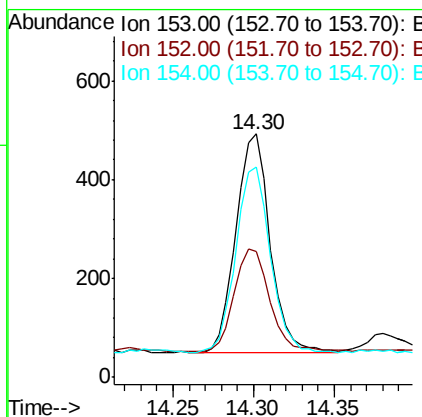
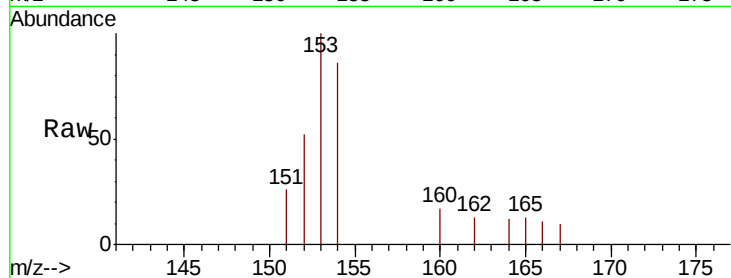
ClientSampleId :

C0AP8DL

Tot Ion:	153	Resp:	658
Ion	Ratio	Lower	Upper
153	100		
152	51.5	38.5	57.7
154	86.4	70.7	106.1

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#9

Fluorene

Concen: 0.066 ng/ul

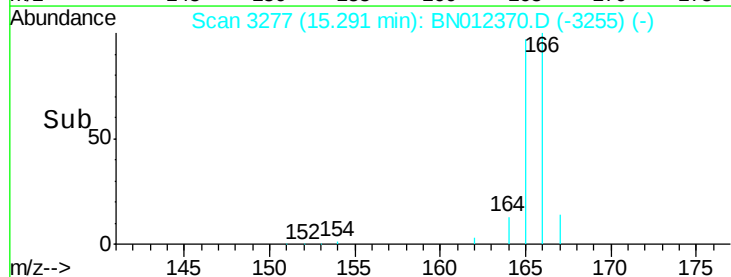
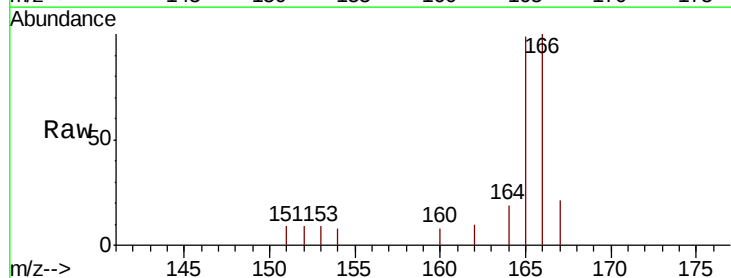
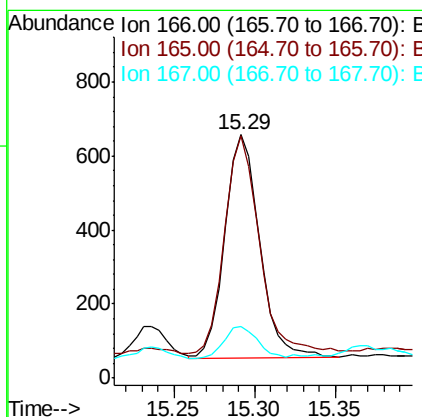
RT: 15.29 min Scan# 3277

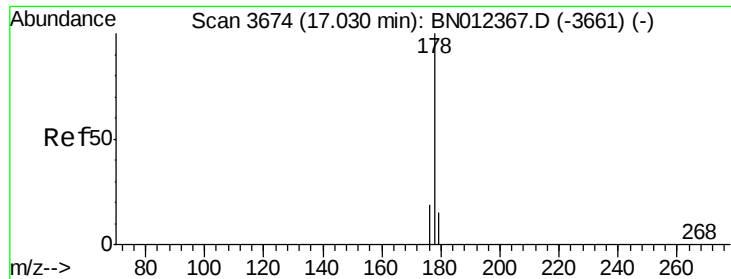
Delta R.T. 0.00 min

Lab File: BN012370.D

Acq: 20 Oct 2020 03:00

Tgt Ion:	166	Resp:	899
Ion	Ratio	Lower	Upper
166	100		
165	99.4	76.3	114.5
167	21.0	12.0	18.0





#12

Phenanthrene

Concen: 0.982 ng/ul

RT: 17.03 min Scan# 3673

Delta R.T. -0.00 min

Lab File: BN012370.D

Acq: 20 Oct 2020 03:00

Instrument :

BNA_N

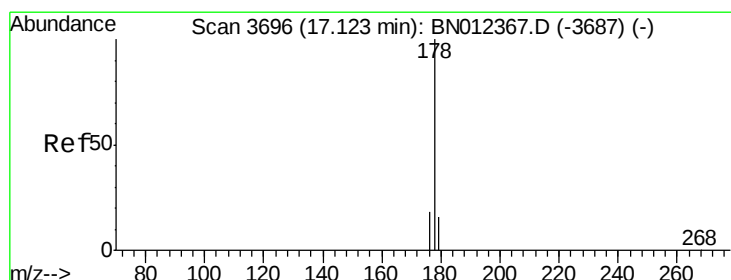
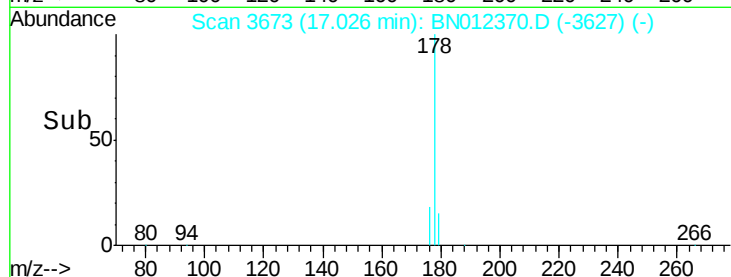
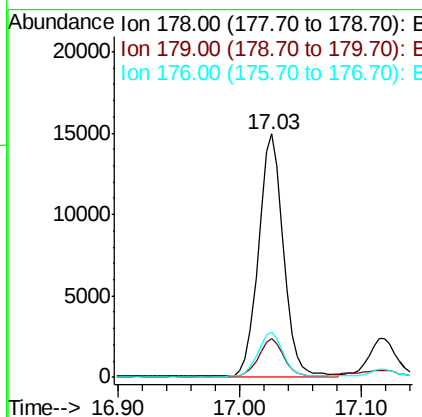
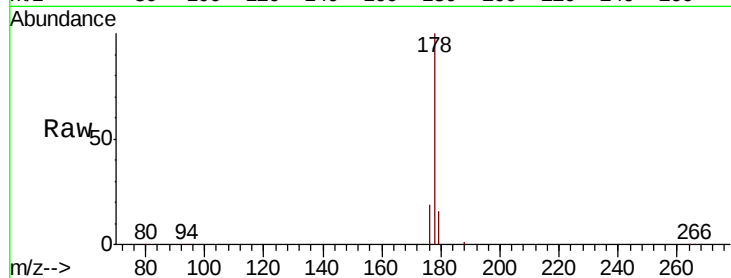
ClientSampleId :

C0AP8DL

Tot Ion:178	Resp:	20774
Ion Ratio	Lower	Upper
178	100	
179	15.7	13.1 19.7
176	18.6	15.8 23.8

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#13

Anthracene

Concen: 0.188 ng/ul

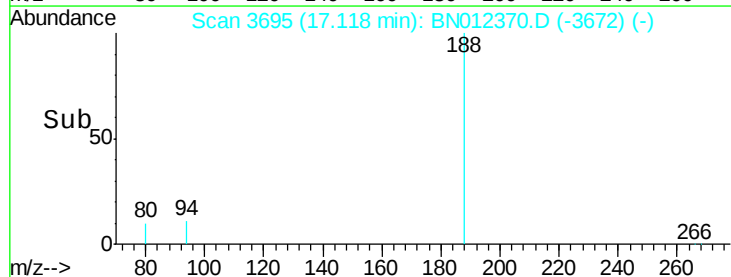
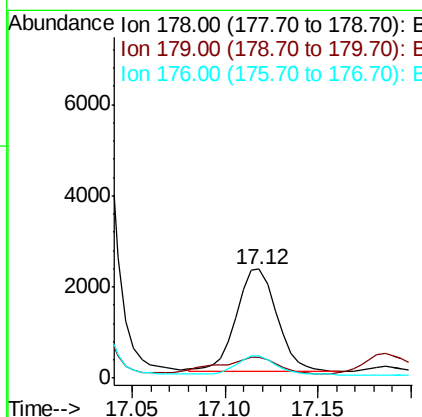
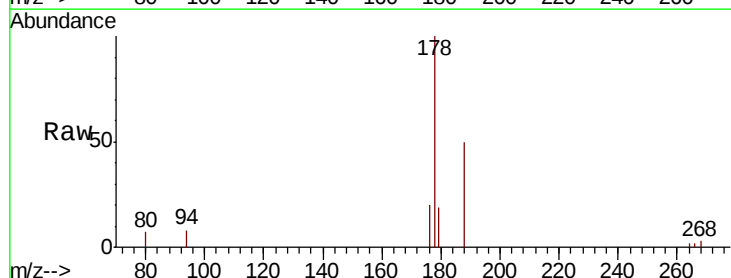
RT: 17.12 min Scan# 3695

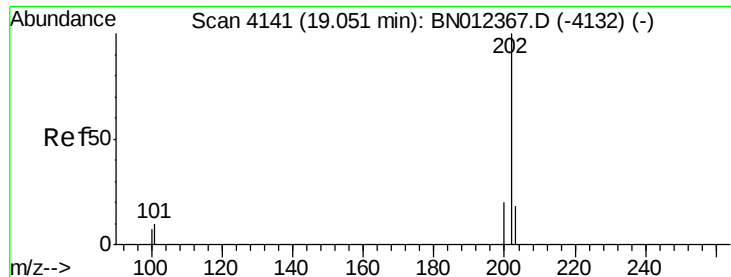
Delta R.T. -0.00 min

Lab File: BN012370.D

Acq: 20 Oct 2020 03:00

Tgt Ion:178	Resp:	3418
Ion Ratio	Lower	Upper
178	100	
179	18.7	13.1 19.7
176	20.2	15.4 23.2





#15

Fluoranthene

Concen: 2.304 ng/ul

RT: 19.05 min Scan# 4140

Delta R.T. -0.00 min

Lab File: BN012370.D

Acq: 20 Oct 2020 03:00

Instrument :

BNA_N

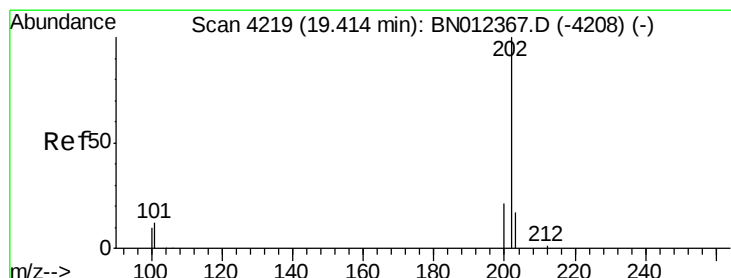
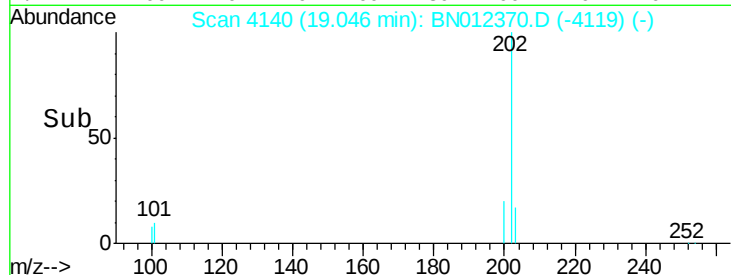
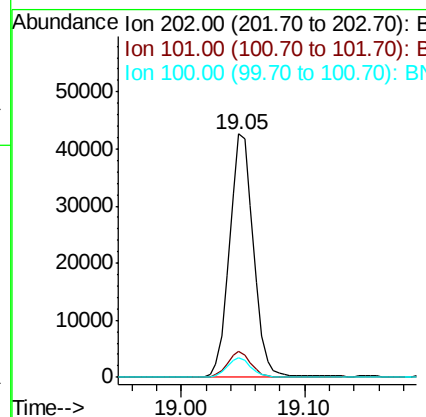
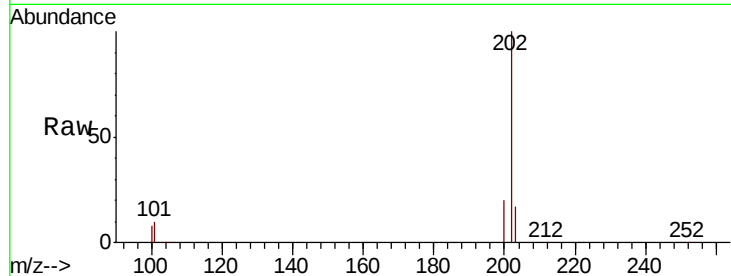
ClientSampleId :

C0AP8DL

Tot Ion:	202	Resp:	57008
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	31.1
100	8.2	0.0	28.7

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#17

Pyrene

Concen: 1.731 ng/ul

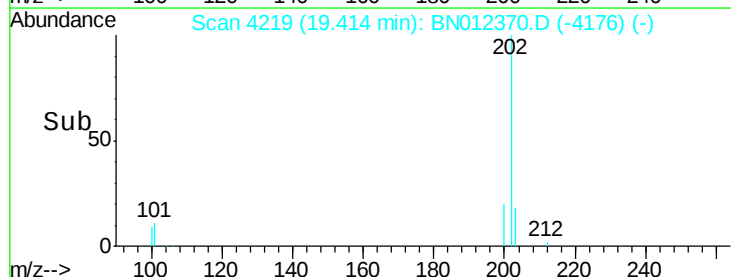
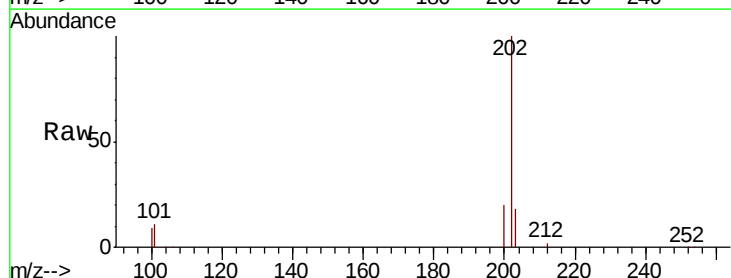
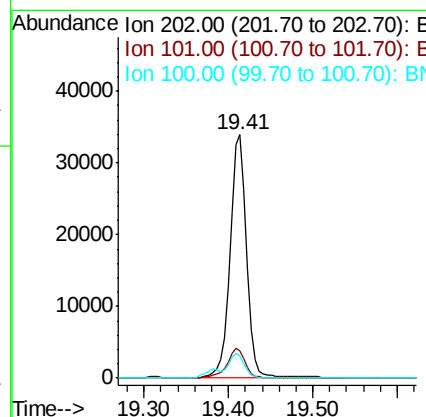
RT: 19.41 min Scan# 4219

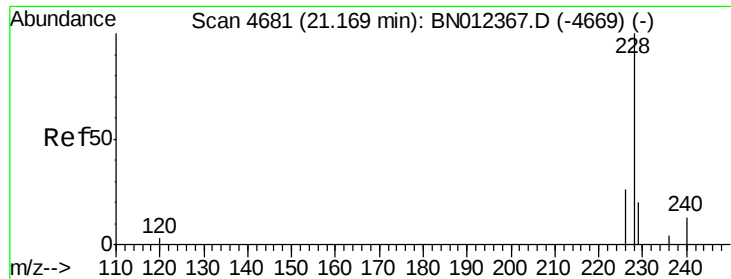
Delta R.T. 0.00 min

Lab File: BN012370.D

Acq: 20 Oct 2020 03:00

Tgt Ion:	202	Resp:	46334
Ion Ratio	Lower	Upper	
202	100		
101	11.4	9.6	14.4
100	9.1	7.8	11.8





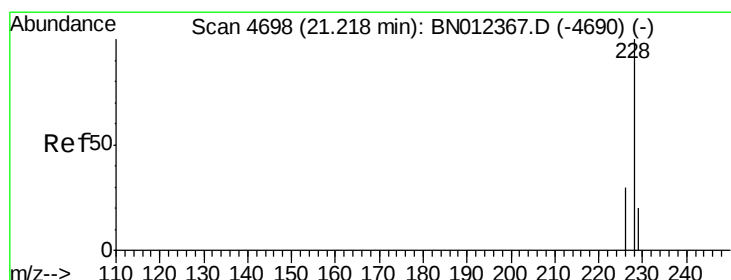
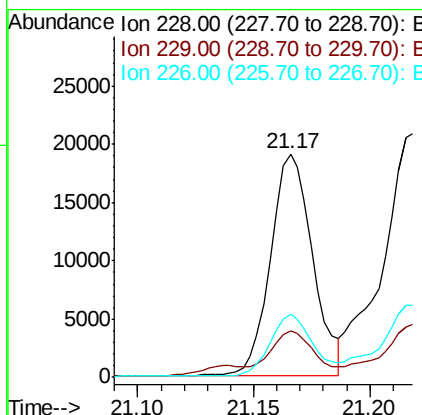
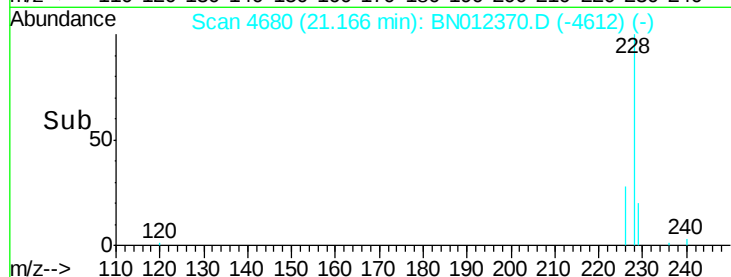
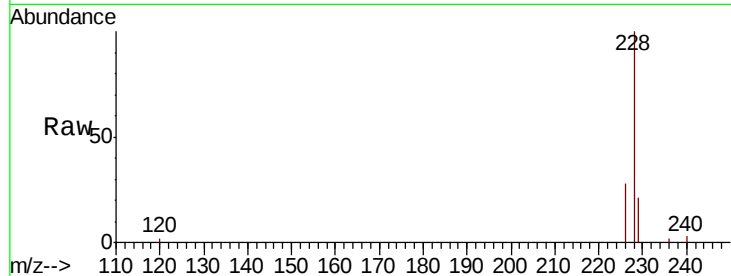
#18
Benzo(a)anthracene
Concen: 1.086 ng/ul
RT: 21.17 min Scan# 4680
Delta R.T. -0.00 min
Lab File: BN012370.D
Acq: 20 Oct 2020 03:00

Instrument :
BNA_N
ClientSampleId :
C0AP8DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.2	24.4
226	28.1	21.2	31.8

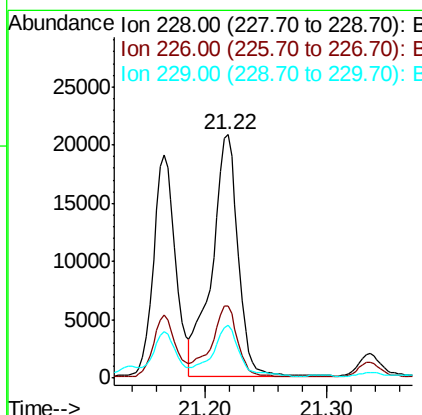
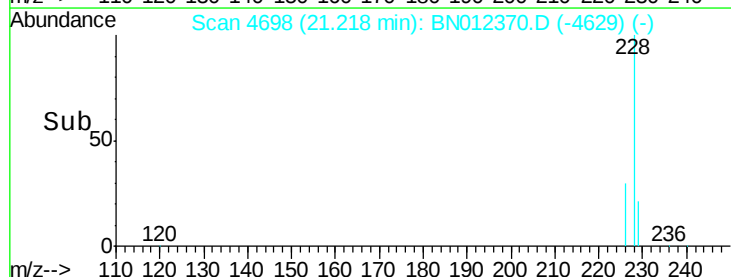
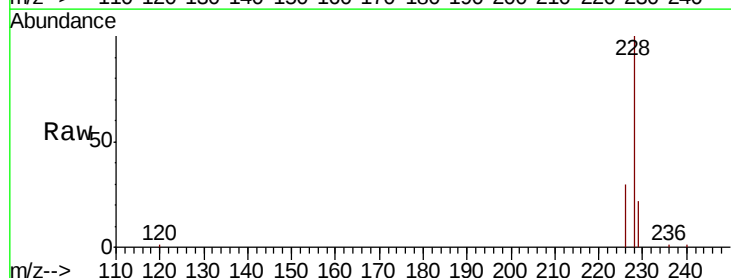
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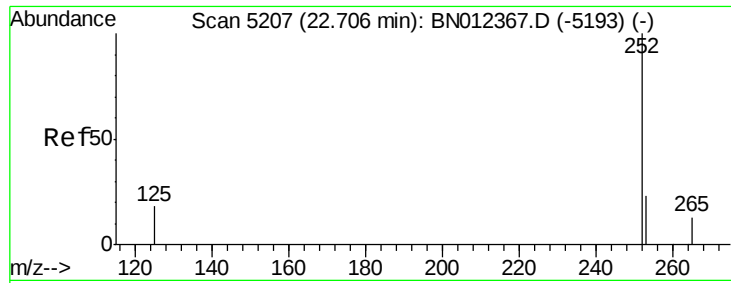
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#19
Chrysene
Concen: 1.158 ng/ul
RT: 21.22 min Scan# 4698
Delta R.T. 0.00 min
Lab File: BN012370.D
Acq: 20 Oct 2020 03:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.6
229	21.6	15.8	23.8





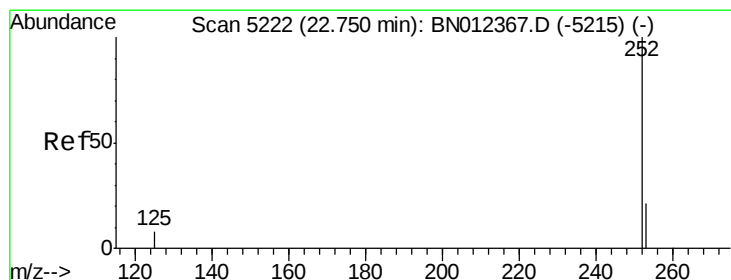
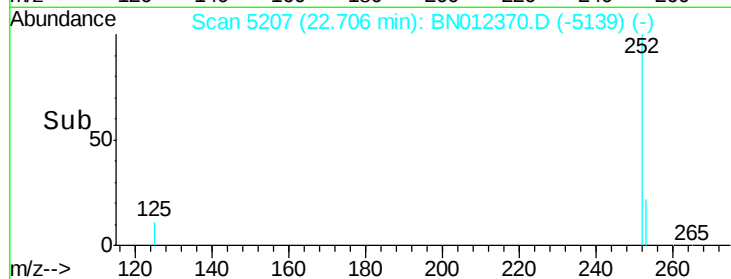
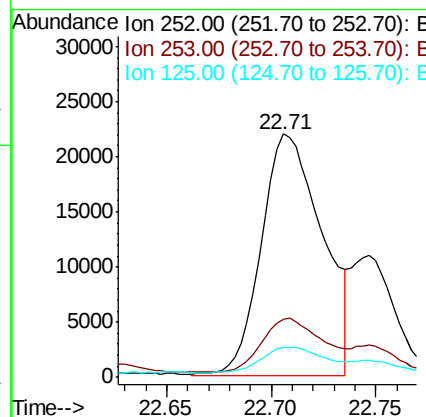
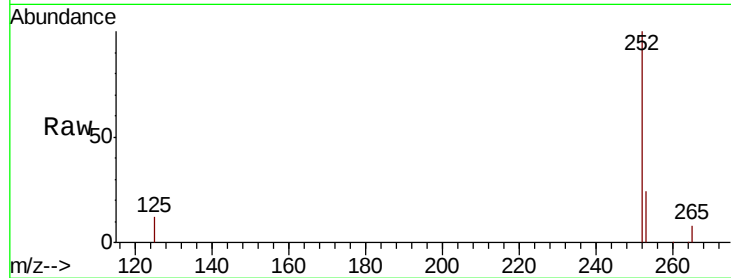
#21
Benzo(b)fluoranthene
Concen: 1.843 ng/ul m
RT: 22.71 min Scan# 5207
Delta R.T. 0.00 min
Lab File: BN012370.D
Acq: 20 Oct 2020 03:00

Instrument :
BNA_N
ClientSampleId :
C0AP8DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	0.0	56.4
125	12.3	0.0	37.8

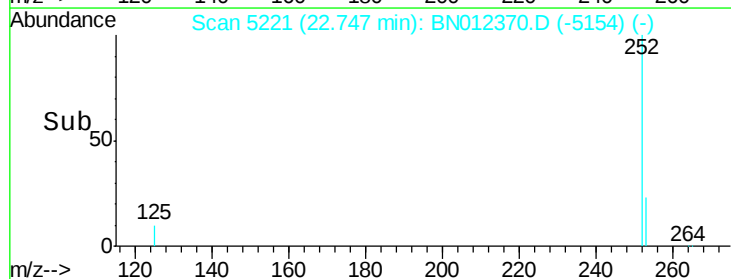
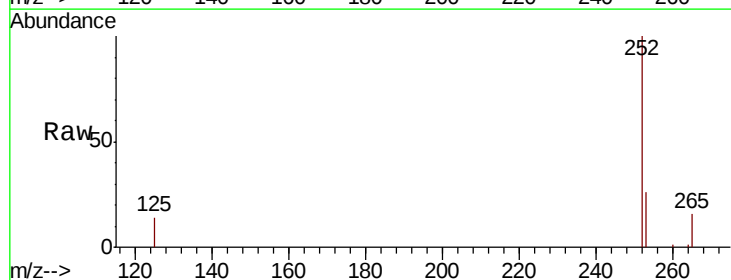
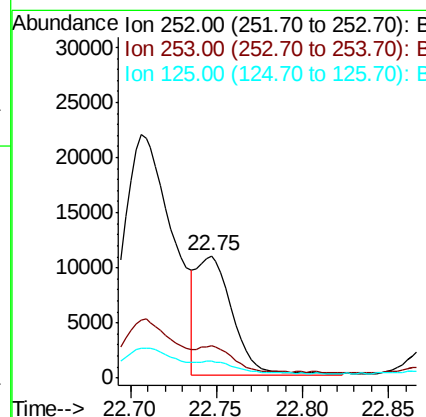
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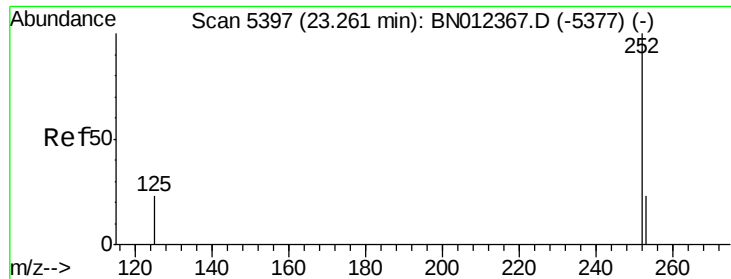
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#22
Benzo(k)fluoranthene
Concen: 0.610 ng/ul m
RT: 22.75 min Scan# 5221
Delta R.T. -0.00 min
Lab File: BN012370.D
Acq: 20 Oct 2020 03:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	22.2	33.4
125	13.9	11.0	16.4





#23

Benzo(a)pyrene

Concen: 1.081 ng/ul

RT: 23.26 min Scan# 5396

Delta R.T. -0.00 min

Lab File: BN012370.D

Acq: 20 Oct 2020 03:00

Instrument :

BNA_N

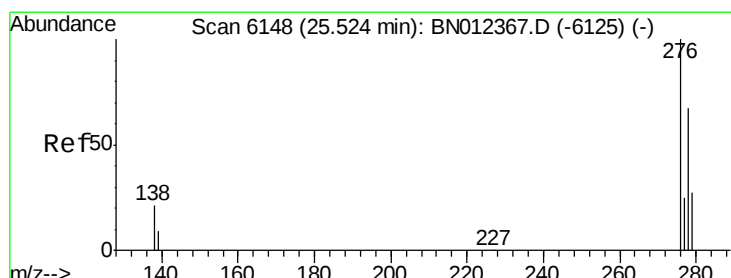
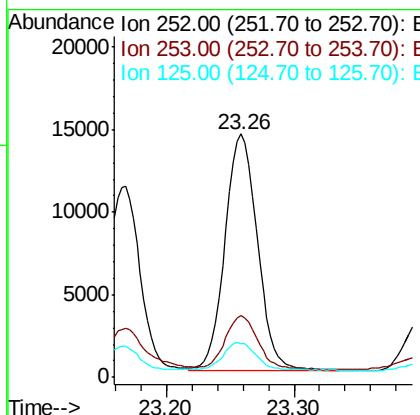
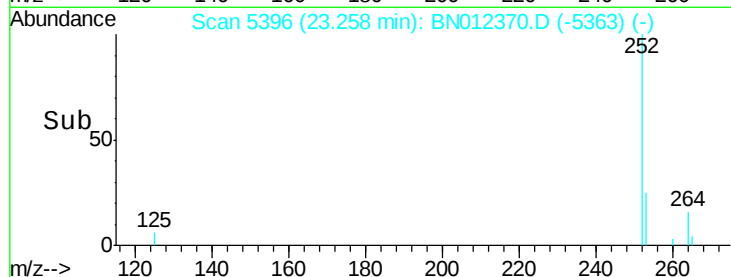
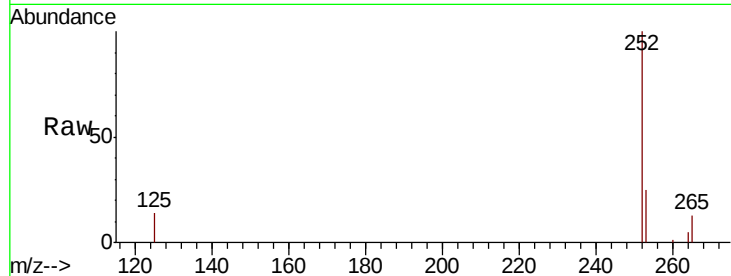
ClientSampleId :

C0AP8DL

Tot Ion:	252	Resp:	25266
Ion Ratio	Lower	Upper	
252	100		
253	25.3	23.8	35.6
125	13.9	19.3	28.9#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.682 ng/ul

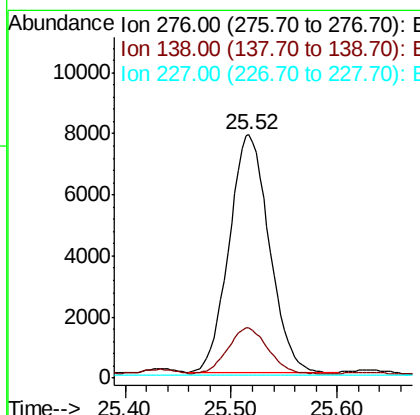
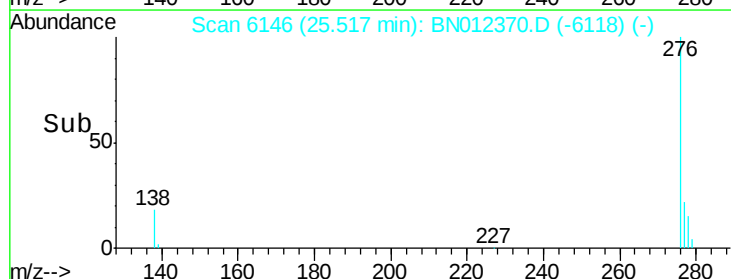
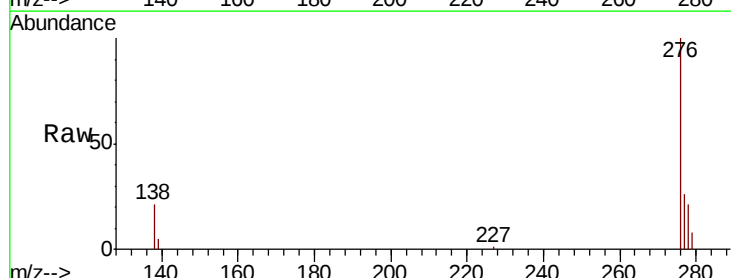
RT: 25.52 min Scan# 6146

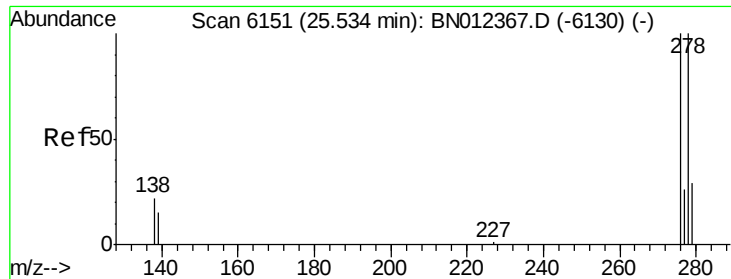
Delta R.T. -0.01 min

Lab File: BN012370.D

Acq: 20 Oct 2020 03:00

Tgt Ion:	276	Resp:	20486
Ion Ratio	Lower	Upper	
276	100		
138	19.5	17.0	25.6
227	0.1	0.1	0.1#





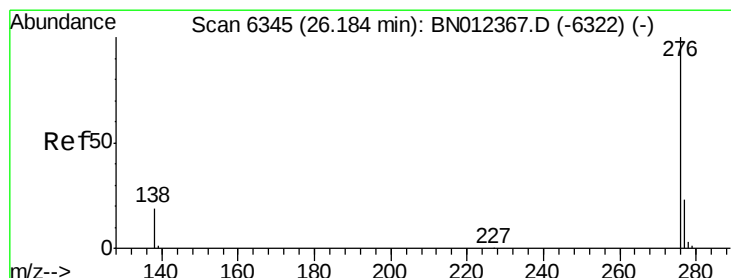
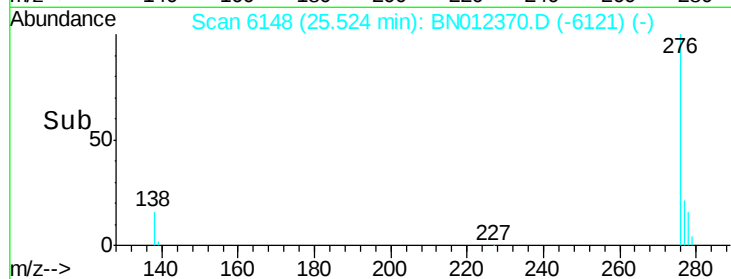
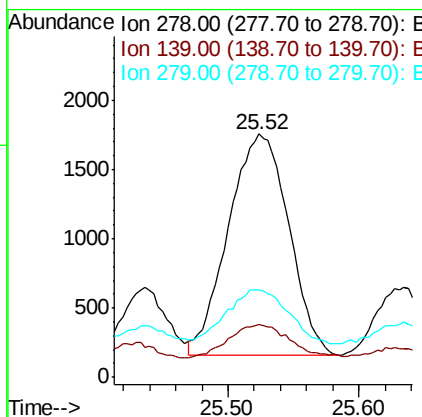
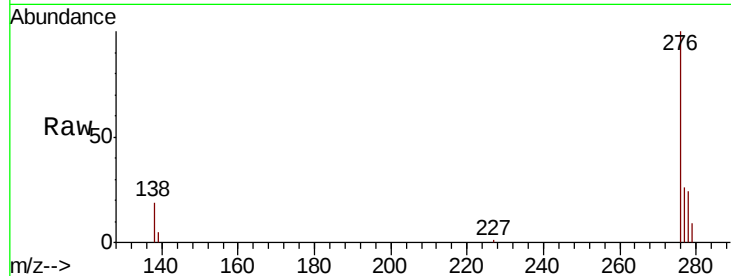
#25
Dibenzo(a,h)anthracene
Concen: 0.212 ng/uL
RT: 25.52 min Scan# 6148
Delta R.T. -0.01 min
Lab File: BN012370.D
Acq: 20 Oct 2020 03:00

Instrument :
BNA_N
ClientSampleId :
C0AP8DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.6	13.8	20.8#
279	36.1	23.8	35.8#

Manual Integrations
APPROVED

Sohil
10/20/2020 9:36:29 AM



#26
Benzo(g,h,i)perylene
Concen: 0.655 ng/uL
RT: 26.18 min Scan# 6344
Delta R.T. -0.00 min
Lab File: BN012370.D
Acq: 20 Oct 2020 03:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	16.6	24.8
277	25.1	20.7	31.1

