

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101920\
 Data File : BN012372.D
 Acq On : 20 Oct 2020 04:13
 Operator : CG/JU
 Sample : L4308-02DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AP7DL

Manual Integrations
 APPROVED

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 10/20/2020 9:36:34 AM

Quant Time: Oct 20 08:39:36 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	1404	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	5875	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	3233	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	6473	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	5795	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	5927	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	566	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	1297	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.41	128	368	0.022	ng/ul#	64
7) Acenaphthylene	13.95	152	2608	0.186	ng/ul	95
8) Acenaphthene	14.30	153	1179	0.099	ng/ul	98
9) Fluorene	15.29	166	2261	0.171	ng/ul#	96
12) Phenanthrene	17.03	178	51559	2.499	ng/ul	97
13) Anthracene	17.11	178	11791	0.666	ng/ul	99
15) Fluoranthene	19.05	202	117027	4.850	ng/ul	99
17) Pyrene	19.41	202	94015	3.598	ng/ul	99
18) Benzo(a)anthracene	21.17	228	55189	2.571	ng/ul	98
19) Chrysene	21.22	228	57577	2.202	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	84945m	3.548	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	28860m	1.089	ng/ul	
23) Benzo(a)pyrene	23.26	252	53384	2.292	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.52	276	40523	1.354	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.52	278	10707	0.447	ng/ul	94
26) Benzo(a,h,i)perylene	26.18	276	33858	1.235	ng/ul	99

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

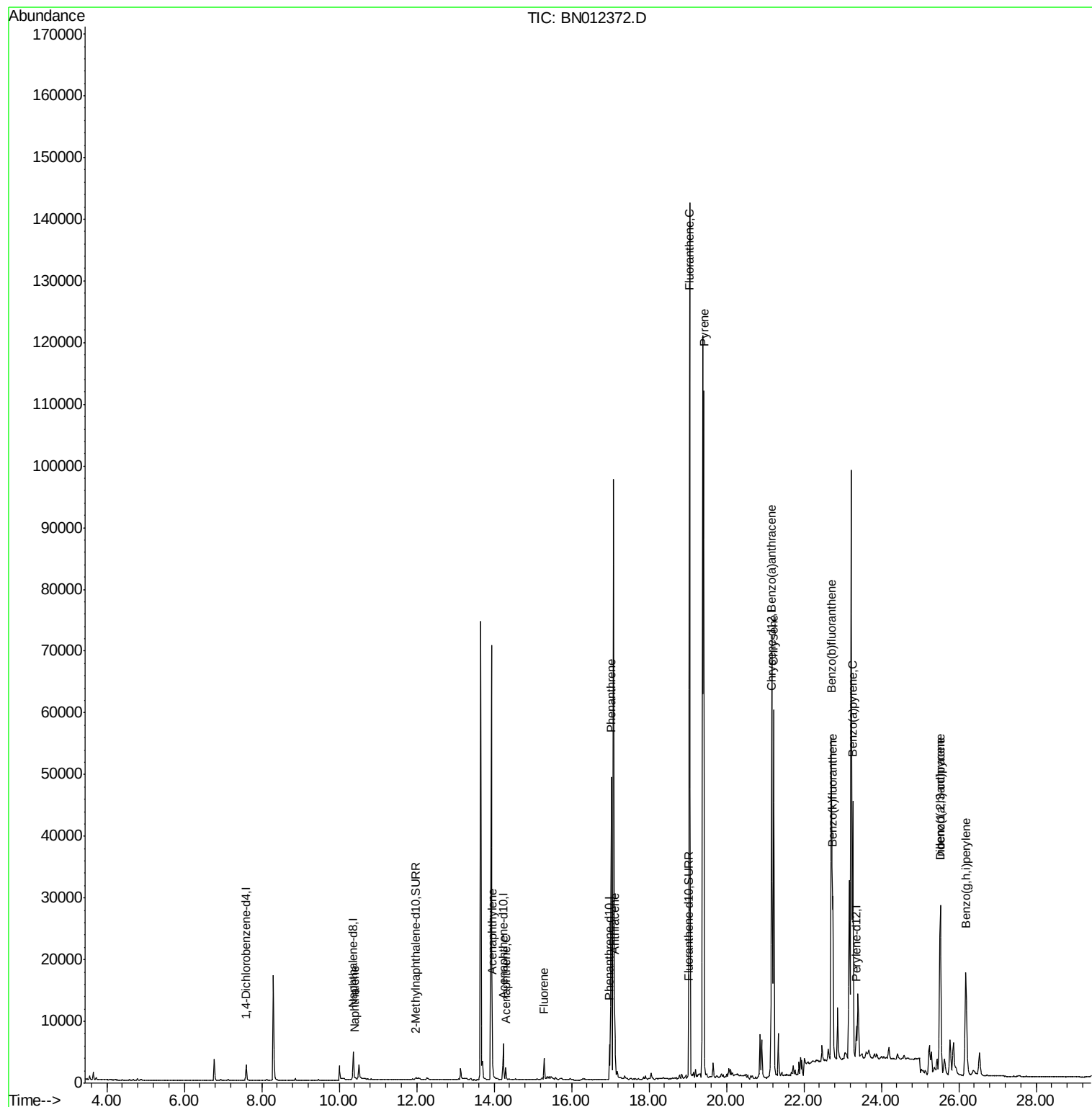
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101920\
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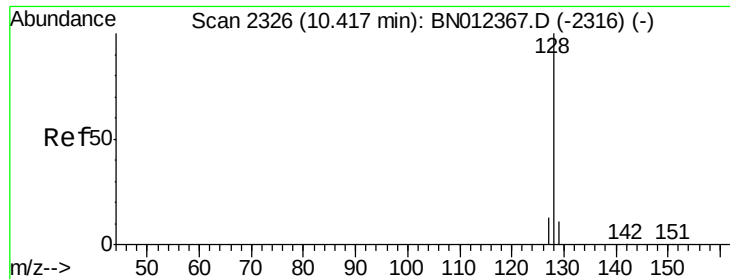
Instrument :
BNA_N
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C0AP7DL

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Quant Time: Oct 20 08:39:36 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
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#3

Naphthalene

Concen: 0.022 ng/ul

RT: 10.41 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BN012372.D

Acq: 20 Oct 2020 04:13

Instrument :

BNA_N

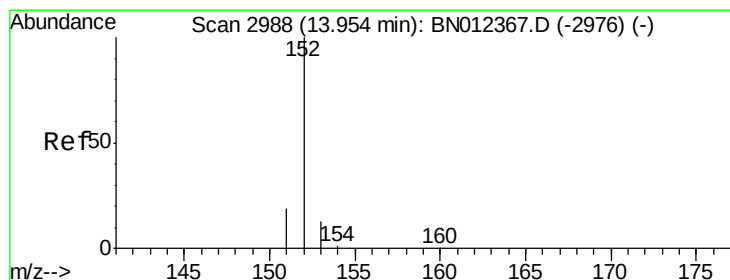
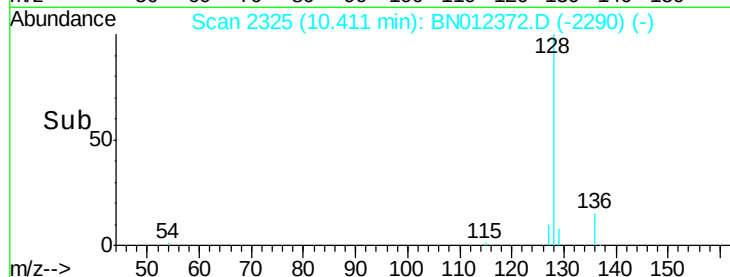
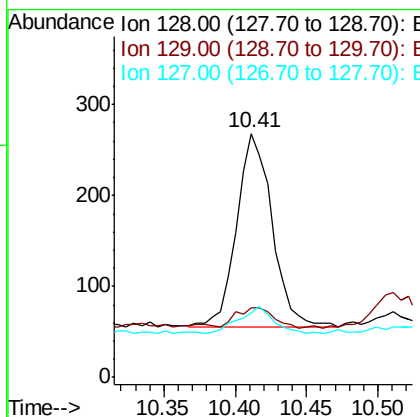
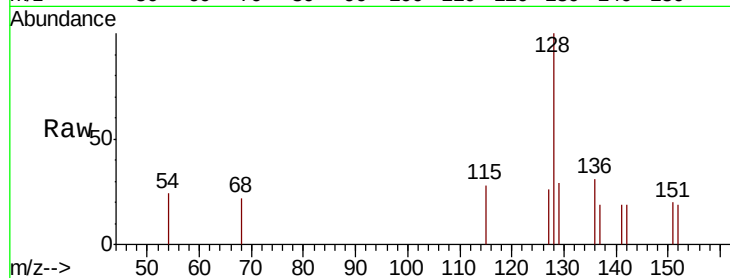
ClientSampleId :

C0AP7DL

Tot Ion:128	Resp:	368
Ion Ratio	Lower	Upper
128	100	
129	28.7	9.8 14.6#
127	26.5	11.4 17.2#

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#7

Acenaphthylene

Concen: 0.186 ng/ul

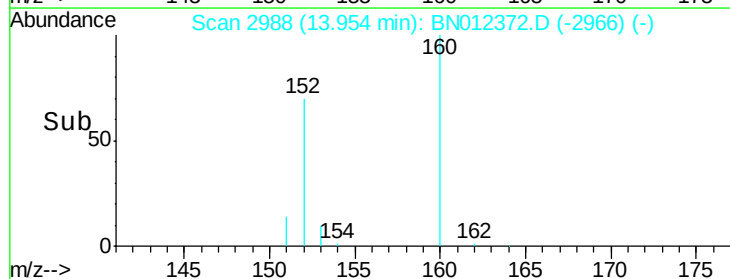
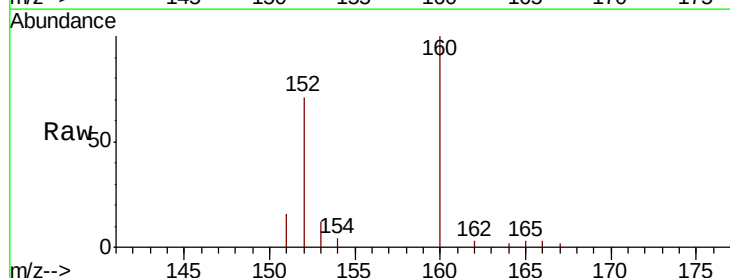
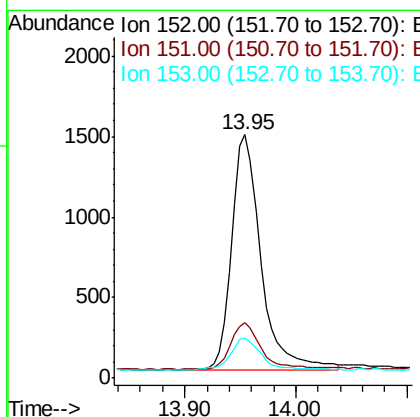
RT: 13.95 min Scan# 2988

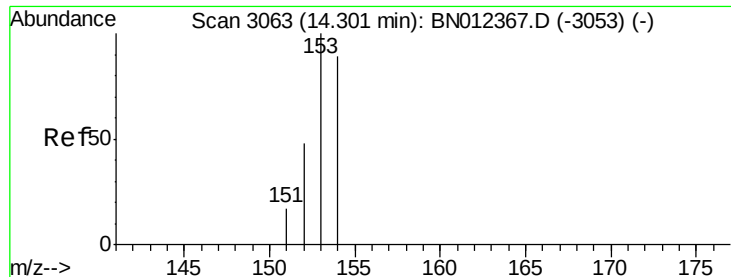
Delta R.T. 0.00 min

Lab File: BN012372.D

Acq: 20 Oct 2020 04:13

Tgt Ion:152	Resp:	2608
Ion Ratio	Lower	Upper
152	100	
151	22.8	16.6 24.8
153	16.5	11.4 17.0





#8

Acenaphthene

Concen: 0.099 ng/ul

RT: 14.30 min Scan# 3062

Delta R.T. -0.00 min

Lab File: BN012372.D

Acq: 20 Oct 2020 04:13

Instrument :

BNA_N

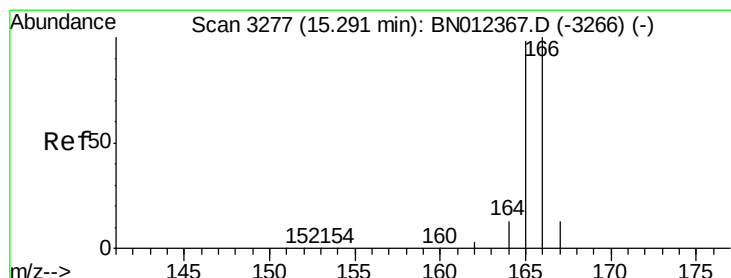
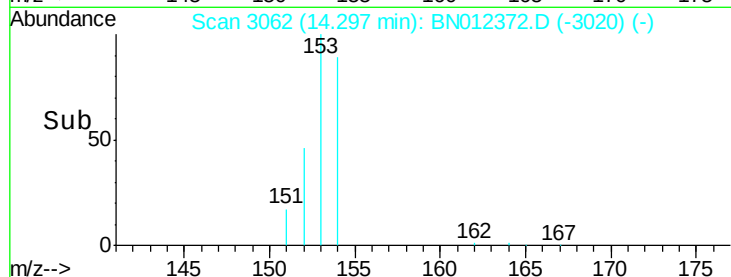
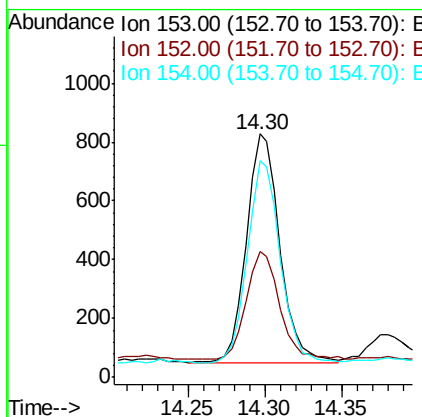
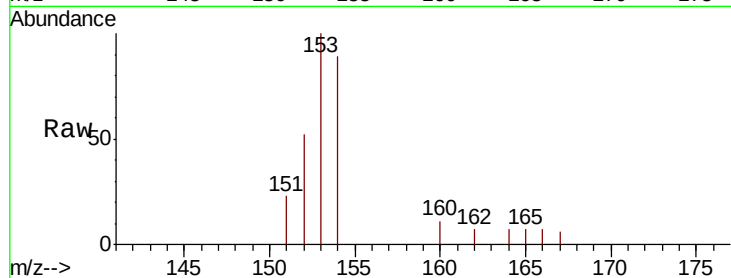
ClientSampled :

C0AP7DL

Tot Ion:	153	Resp:	1179
Ion	Ratio	Lower	Upper
153	100		
152	51.6	38.5	57.7
154	88.9	70.7	106.1

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#9

Fluorene

Concen: 0.171 ng/ul

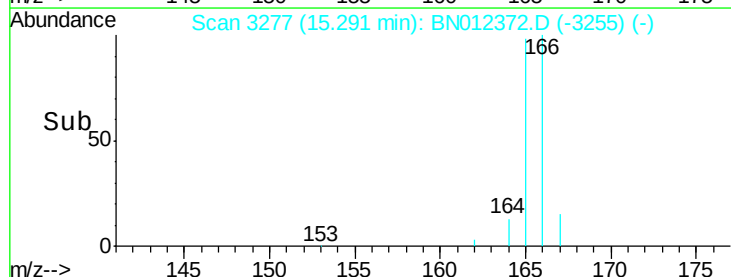
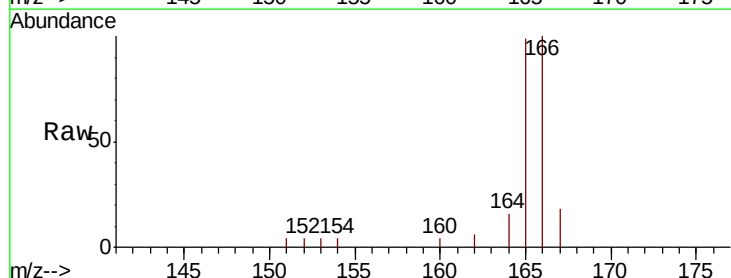
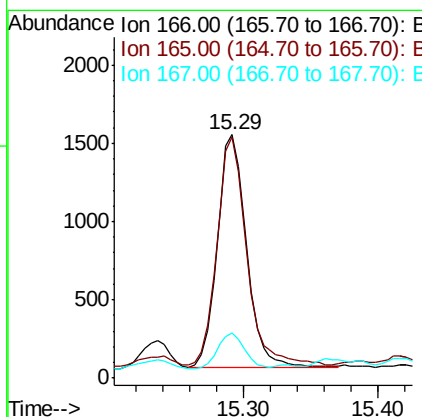
RT: 15.29 min Scan# 3277

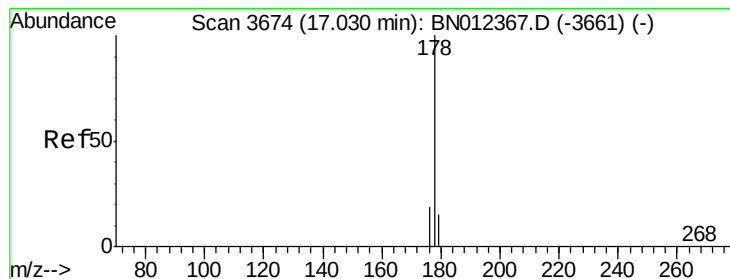
Delta R.T. 0.00 min

Lab File: BN012372.D

Acq: 20 Oct 2020 04:13

Tgt Ion:	166	Resp:	2261
Ion	Ratio	Lower	Upper
166	100		
165	98.8	76.3	114.5
167	18.4	12.0	18.0#





#12

Phenanthrene

Concen: 2.499 ng/ul

RT: 17.03 min Scan# 3673

Delta R.T. -0.00 min

Lab File: BN012372.D

Acq: 20 Oct 2020 04:13

Instrument :

BNA_N

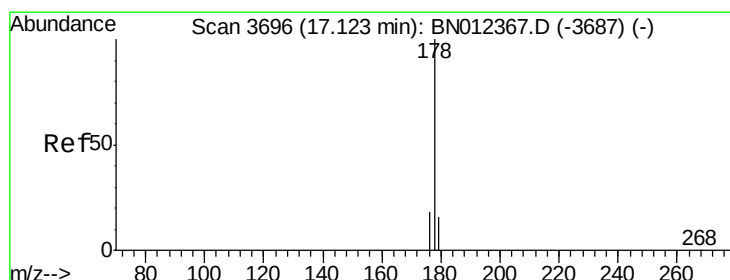
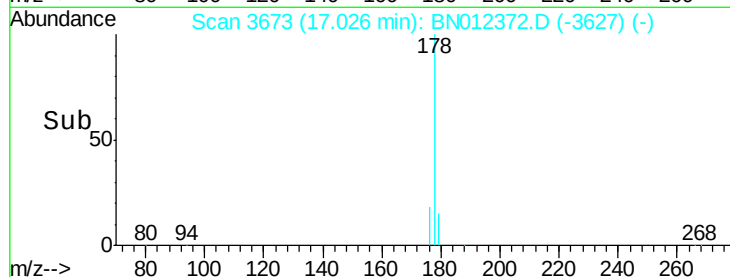
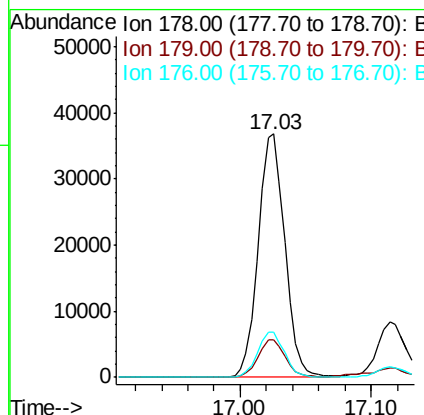
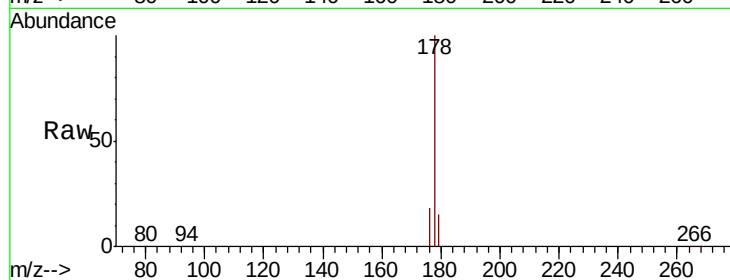
ClientSampleId :

C0AP7DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.1	19.7
176	18.3	15.8	23.8

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#13

Anthracene

Concen: 0.666 ng/ul

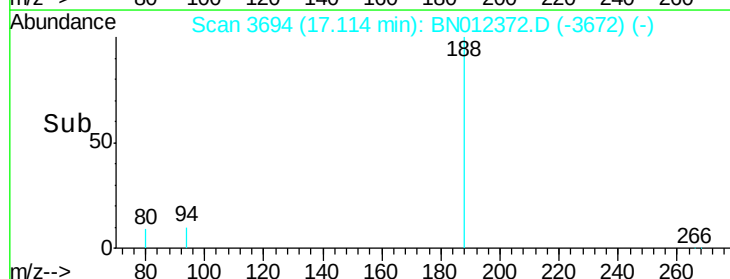
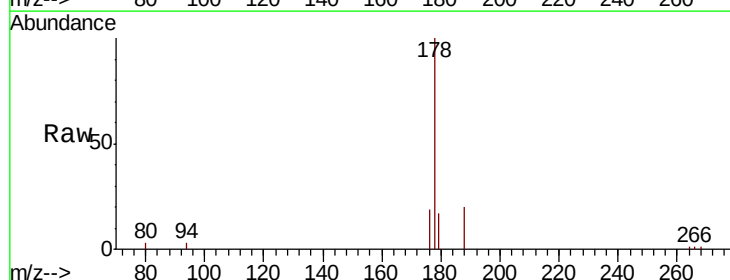
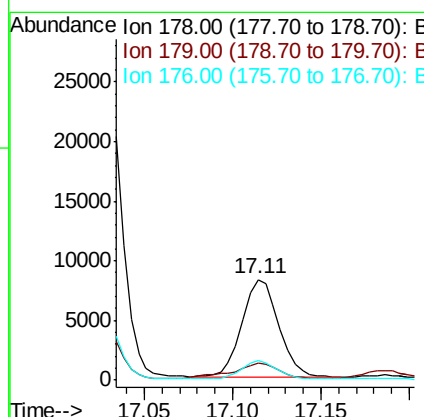
RT: 17.11 min Scan# 3694

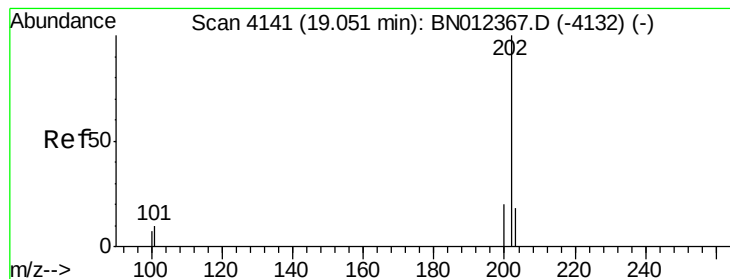
Delta R.T. -0.01 min

Lab File: BN012372.D

Acq: 20 Oct 2020 04:13

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.1	19.7
176	18.9	15.4	23.2





#15

Fluoranthene

Concen: 4.850 ng/ul

RT: 19.05 min Scan# 4140

Delta R.T. -0.00 min

Lab File: BN012372.D

Acq: 20 Oct 2020 04:13

Instrument :

BNA_N

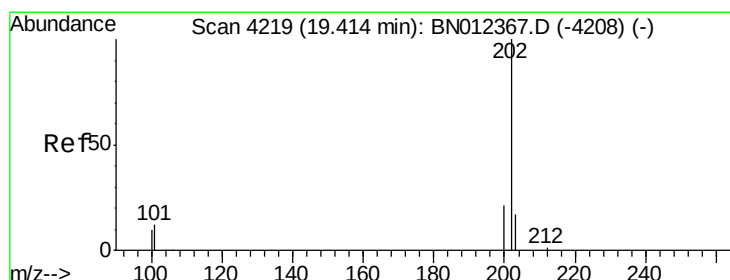
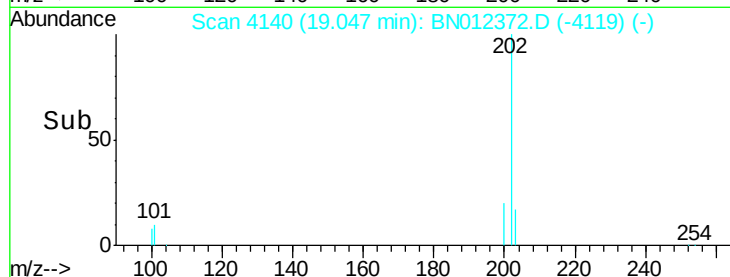
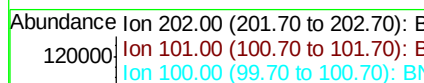
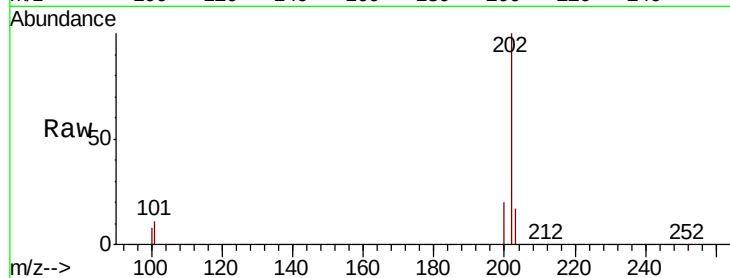
ClientSampleId :

C0AP7DL

Tot Ion:	202	Resp:	117027
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	31.1
100	8.1	0.0	28.7

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#17

Pyrene

Concen: 3.598 ng/ul

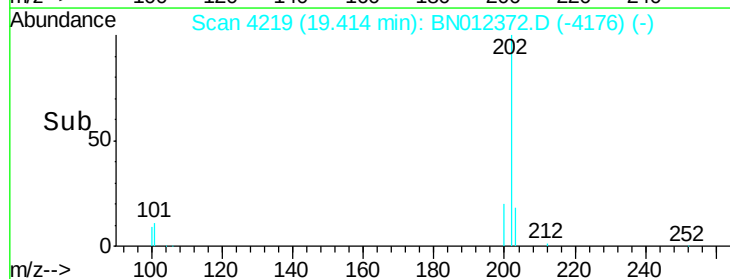
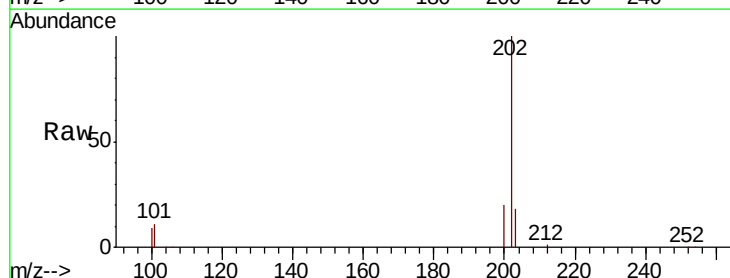
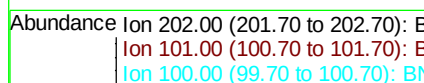
RT: 19.41 min Scan# 4219

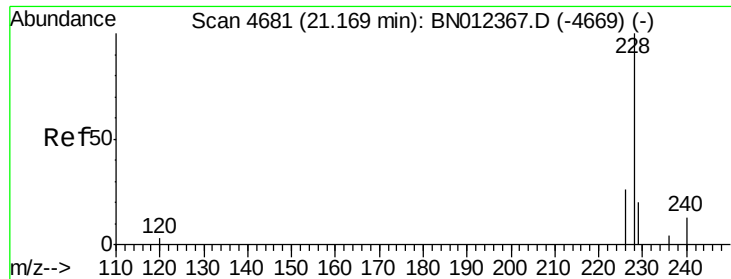
Delta R.T. 0.00 min

Lab File: BN012372.D

Acq: 20 Oct 2020 04:13

Tgt Ion:	202	Resp:	94015
Ion Ratio	Lower	Upper	
202	100		
101	11.4	9.6	14.4
100	9.3	7.8	11.8





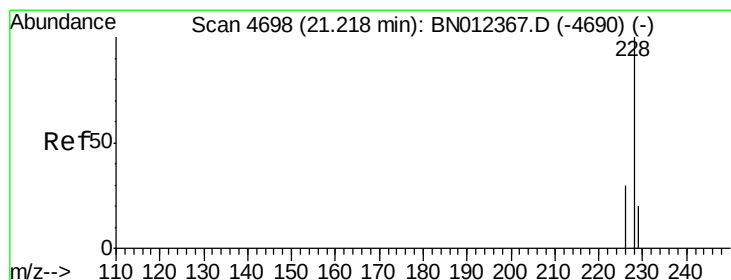
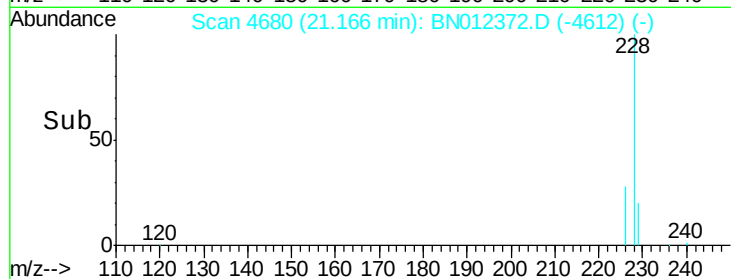
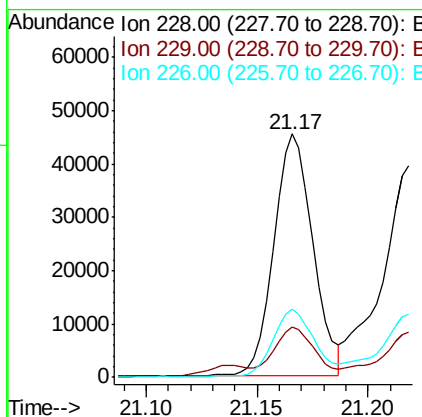
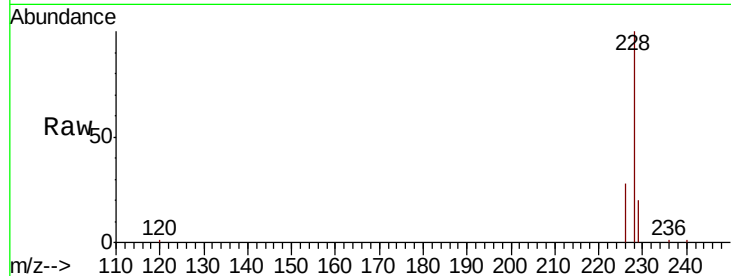
#18
Benzo(a)anthracene
Concen: 2.571 ng/ul
RT: 21.17 min Scan# 4680
Delta R.T. -0.00 min
Lab File: BN012372.D
Acq: 20 Oct 2020 04:13

Instrument :
BNA_N
ClientSampleId :
C0AP7DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.2	24.4
226	28.0	21.2	31.8

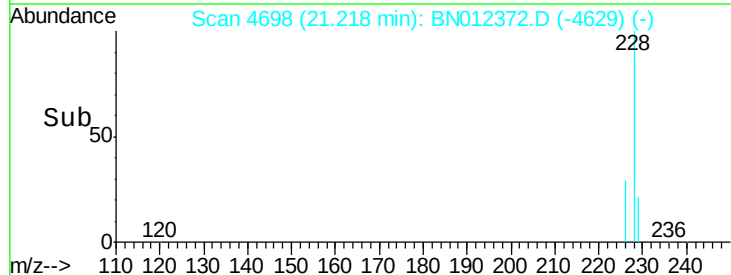
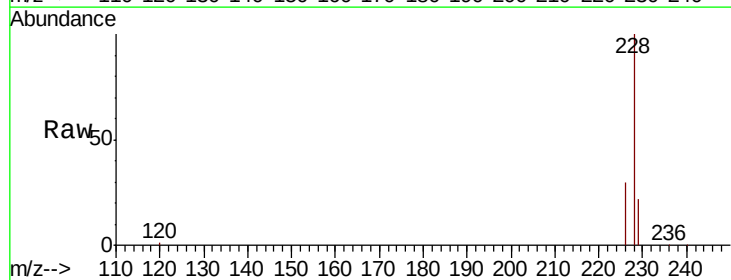
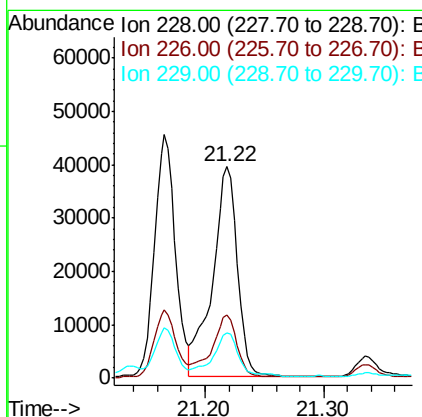
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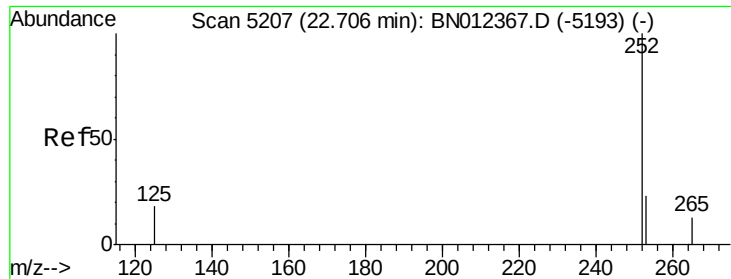
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#19
Chrysene
Concen: 2.202 ng/ul
RT: 21.22 min Scan# 4698
Delta R.T. 0.00 min
Lab File: BN012372.D
Acq: 20 Oct 2020 04:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	21.7	15.8	23.8





#21

Benzo(b)fluoranthene

Concen: 3.548 ng/ul m

RT: 22.71 min Scan# 5208

Delta R.T. 0.00 min

Lab File: BN012372.D

Acq: 20 Oct 2020 04:13

Instrument :

BNA_N

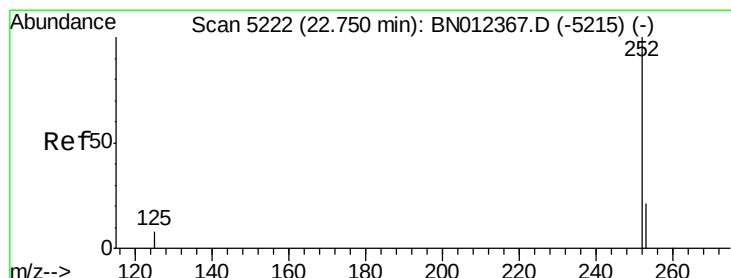
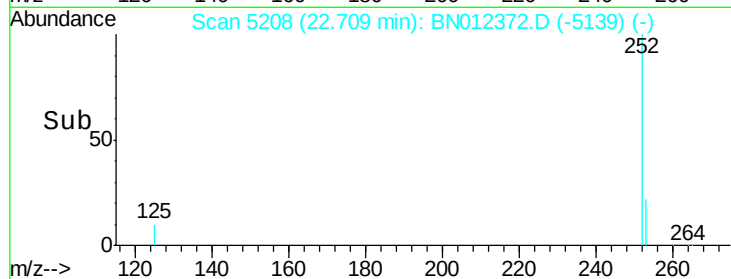
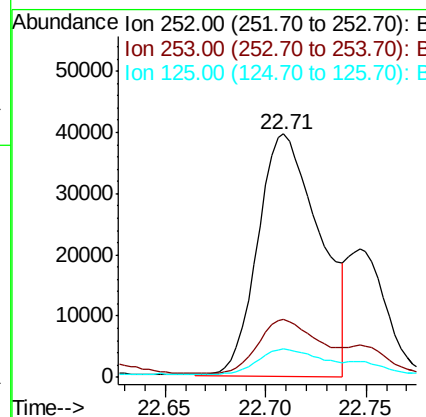
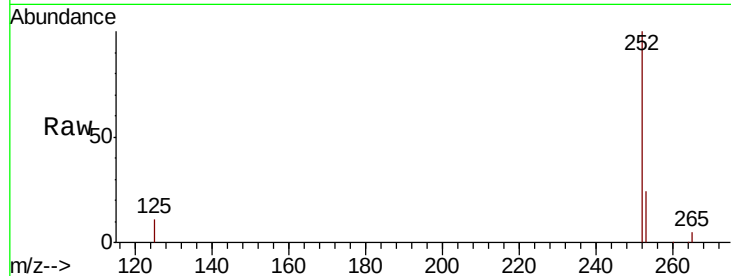
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
252	100	84945		
253	23.7	0.0	56.4	
125	11.5	0.0	37.8	

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#22

Benzo(k)fluoranthene

Concen: 1.089 ng/ul m

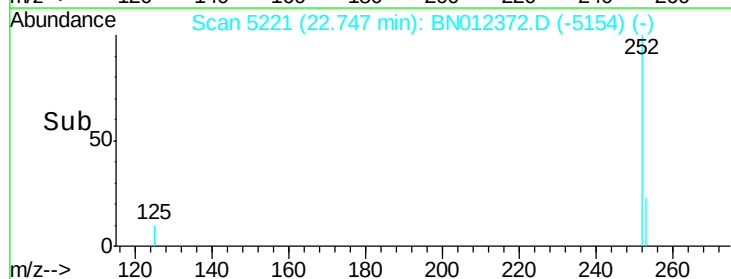
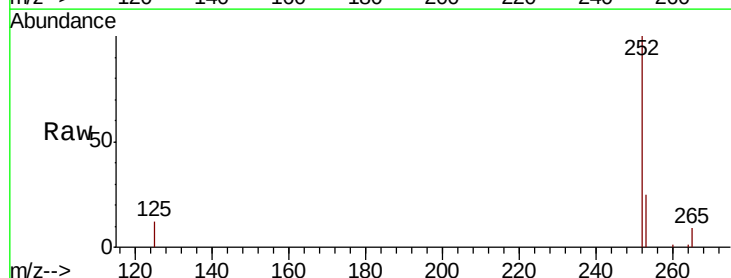
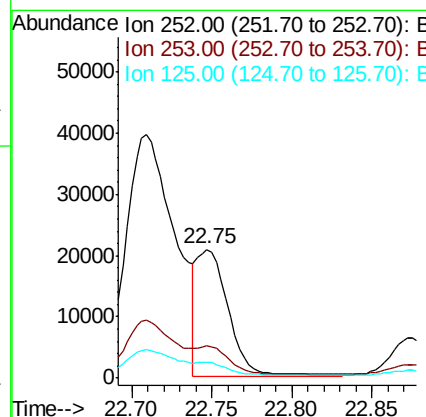
RT: 22.75 min Scan# 5221

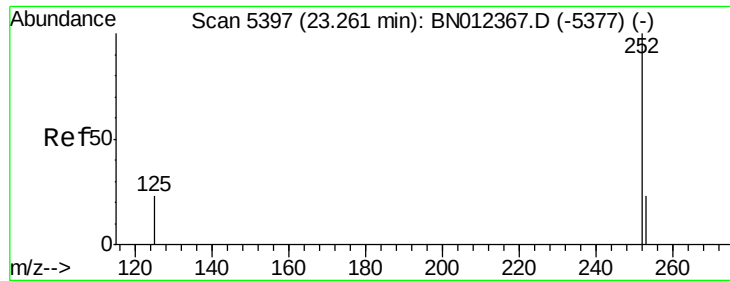
Delta R.T. -0.00 min

Lab File: BN012372.D

Acq: 20 Oct 2020 04:13

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	28860		
253	25.2	22.2	33.4	
125	12.0	11.0	16.4	





#23

Benzo(a)pyrene

Concen: 2.292 ng/ul

RT: 23.26 min Scan# 5397

Delta R.T. 0.00 min

Lab File: BN012372.D

Acq: 20 Oct 2020 04:13

Instrument :

BNA_N

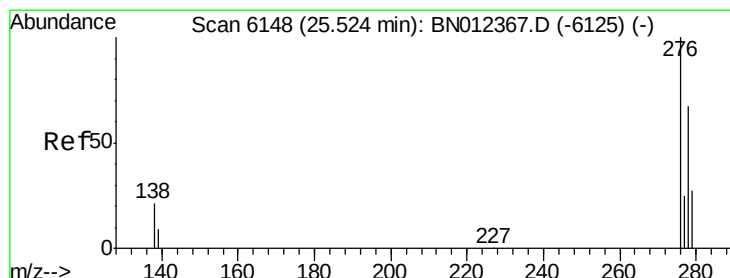
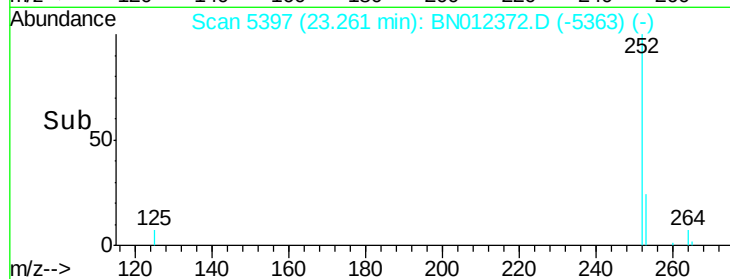
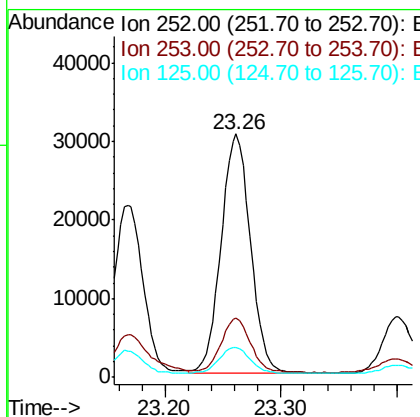
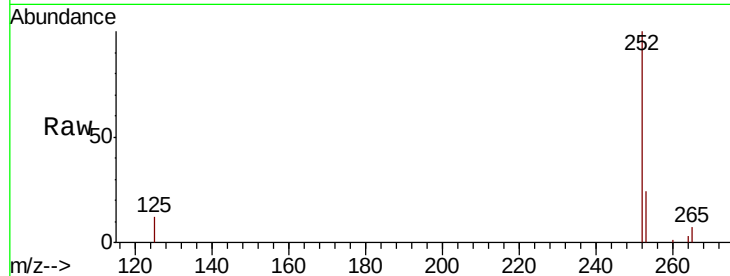
ClientSampleId :

C0AP7DL

Tot Ion:	252	Resp:	53384
Ion Ratio	Lower	Upper	
252	100		
253	24.3	23.8	35.6
125	12.4	19.3	28.9#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 1.354 ng/ul

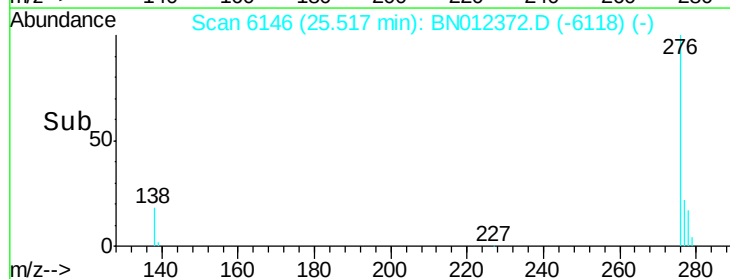
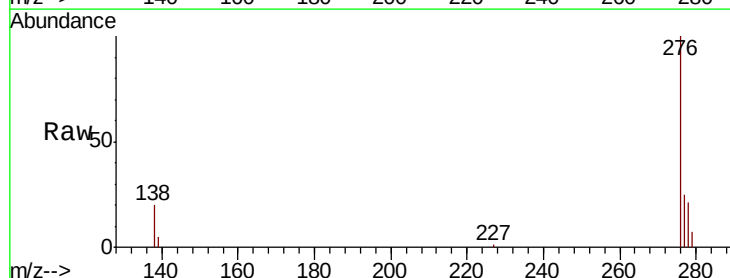
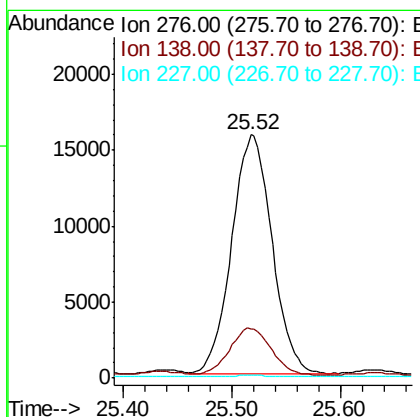
RT: 25.52 min Scan# 6146

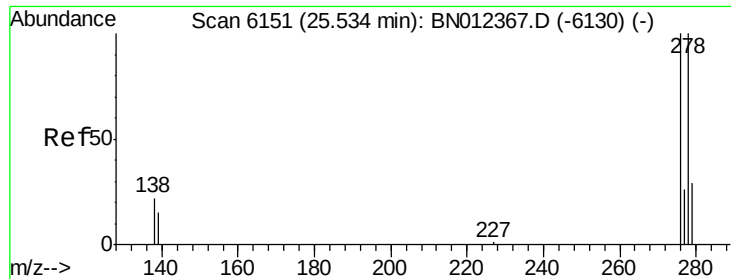
Delta R.T. -0.01 min

Lab File: BN012372.D

Acq: 20 Oct 2020 04:13

Tgt Ion:	276	Resp:	40523
Ion Ratio	Lower	Upper	
276	100		
138	20.1	17.0	25.6
227	0.2	0.1	0.1#





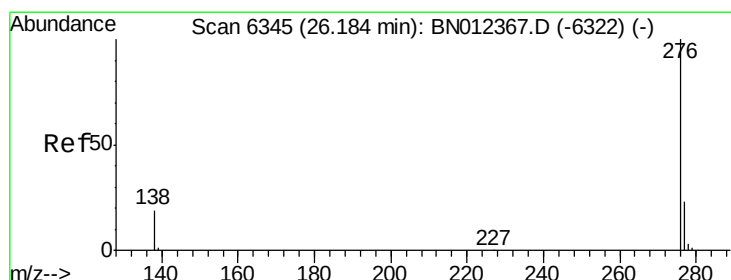
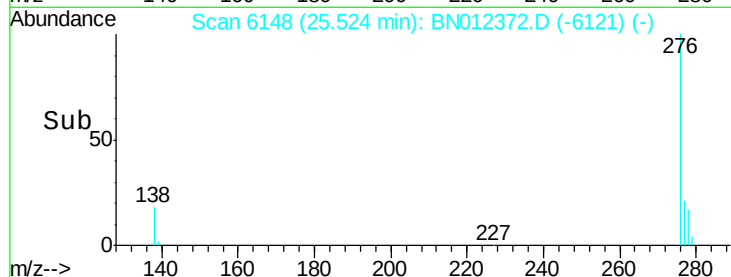
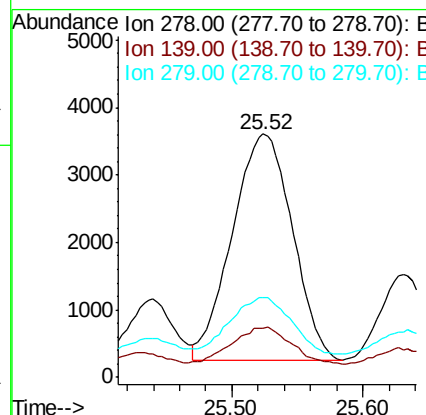
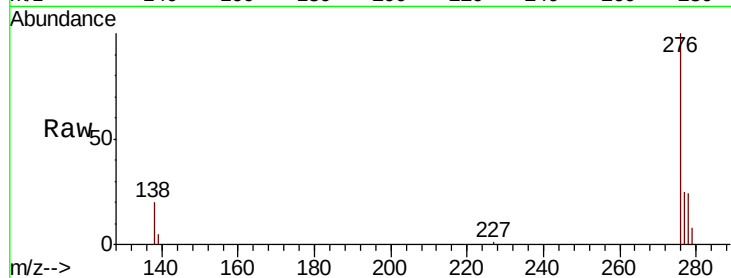
#25
Dibenzo(a,h)anthracene
Concen: 0.447 ng/ul
RT: 25.52 min Scan# 6148
Delta R.T. -0.01 min
Lab File: BN012372.D
Acq: 20 Oct 2020 04:13

Instrument :
BNA_N
ClientSampleID :
C0AP7DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.1	13.8	20.8
279	33.0	23.8	35.8

Manual Integrations
APPROVED

Sohil
10/20/2020 9:36:34 AM



#26
Benzo(g,h,i)perylene
Concen: 1.235 ng/ul
RT: 26.18 min Scan# 6345
Delta R.T. 0.00 min
Lab File: BN012372.D
Acq: 20 Oct 2020 04:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.6	24.8
277	24.6	20.7	31.1

