

Data File : BN012220.D
Acq On : 15 Oct 2020 07:10
Operator : CG/JU
Sample : L4184-20DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AP4DL

Manual Integrations
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Quant Time: Oct 15 08:12:09 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 04:47:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	2332	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	9735	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	5574	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	11736	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	9557	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	9853	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	460	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	1049	0.03	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	4895	0.174	ng/ul	100
5) 2-Methylnaphthalene	12.07	142	446	0.025	ng/ul	95
7) Acenaphthylene	13.98	152	990	0.041	ng/ul#	79
8) Acenaphthene	14.32	153	973	0.048	ng/ul	96
9) Fluorene	15.32	166	1080	0.047	ng/ul#	92
11) Pentachlorophenol	16.67	266	84	0.025	ng/ul	87
12) Phenanthrene	17.05	178	20783	0.556	ng/ul	99
13) Anthracene	17.14	178	3558	0.111	ng/ul#	93
15) Fluoranthene	19.07	202	31073	0.710	ng/ul	99
17) Pyrene	19.44	202	26833	0.623	ng/ul	99
18) Benzo(a)anthracene	21.20	228	13422	0.379	ng/ul#	89
19) Chrysene	21.25	228	13688	0.317	ng/ul#	89
21) Benzo(b)fluoranthene	22.75	252	17724m	0.445	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	6648m	0.151	ng/ul	
23) Benzo(a)pyrene	23.31	252	11886	0.307	ng/ul#	48
24) Indeno(1,2,3-cd)pyrene	25.58	276	9386	0.189	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	2415	0.061	ng/ul#	1
26) Benzo(g,h,i)perylene	26.25	276	9073	0.199	ng/ul#	74

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

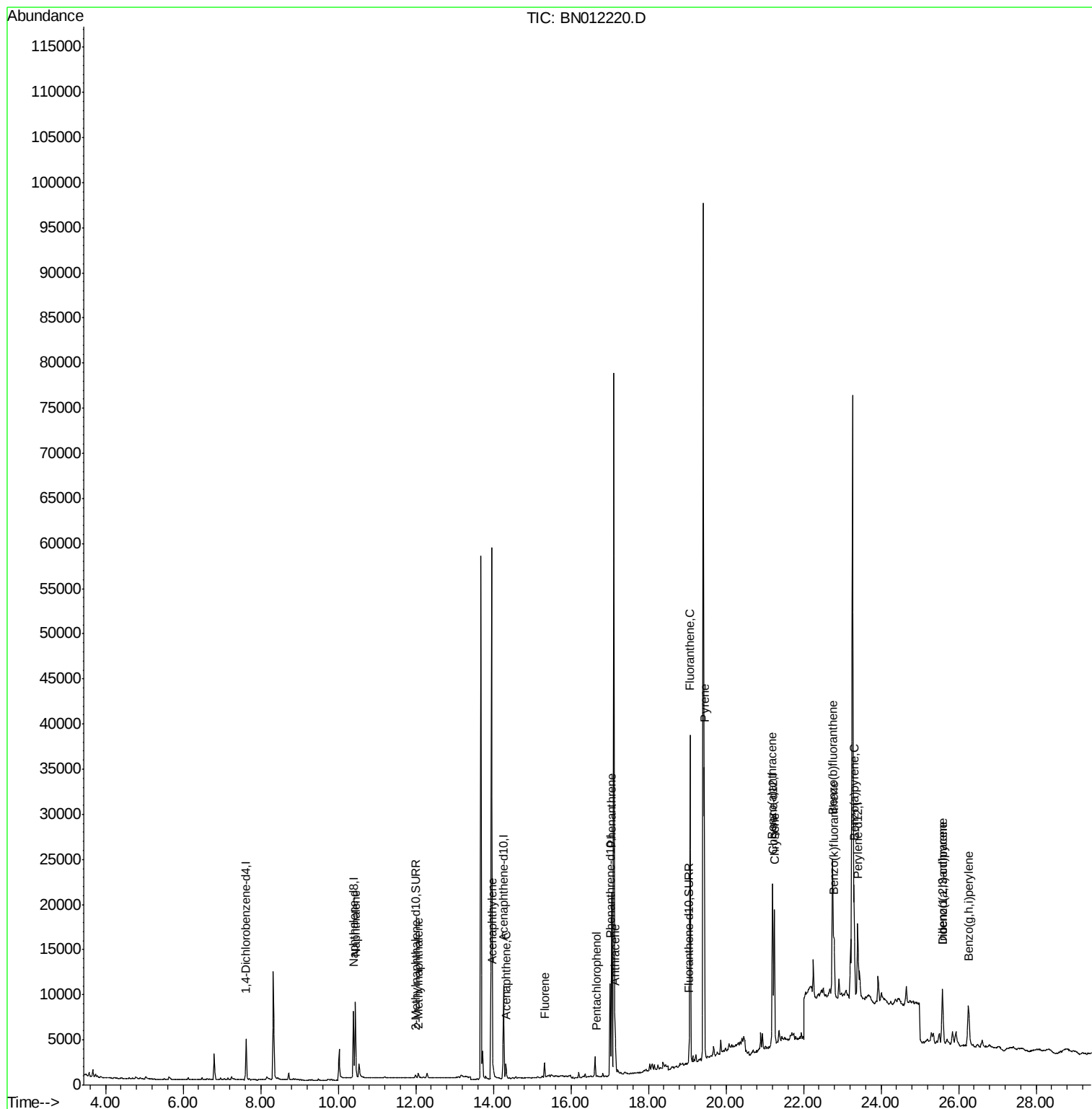
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ALS Vial : 32 Sample Multiplier: 1

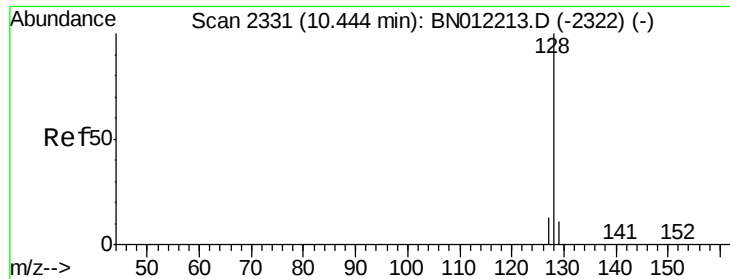
Instrument :
BNA_N
ClientSampleId :
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Quant Time: Oct 15 08:12:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 04:47:44 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.174 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. 0.00 min

Lab File: BN012220.D

Acq: 15 Oct 2020 07:10

Instrument :

BNA_N

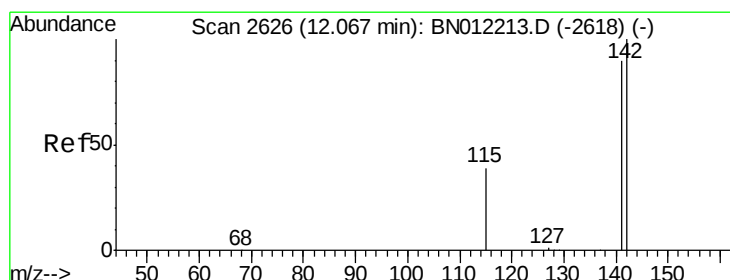
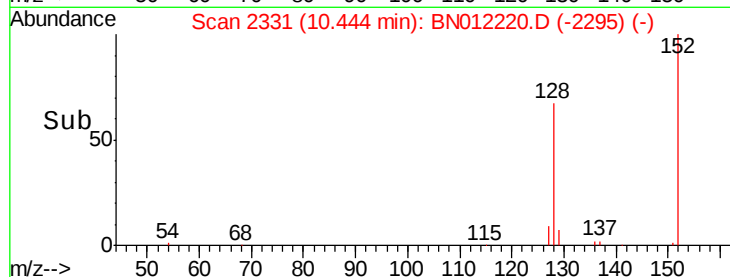
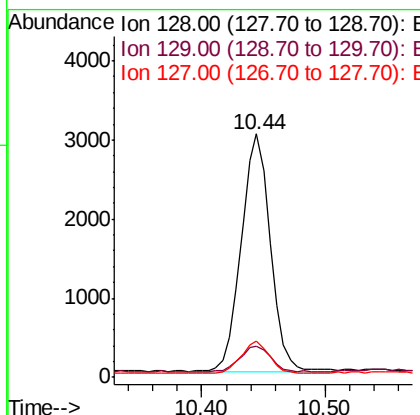
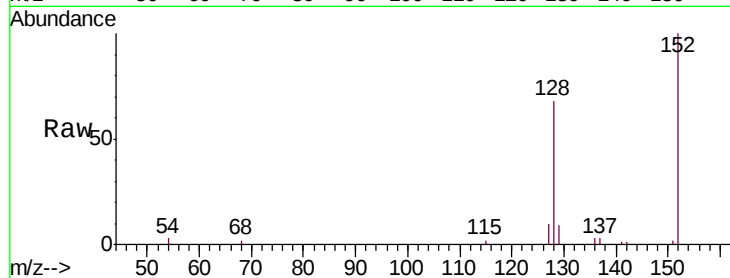
ClientSampleId :

C0AP4DL

Tgt Ion:	128	Resp:	4895
Ion Ratio	Lower	Upper	
128	100		
129	12.7	10.3	15.5
127	14.7	11.9	17.9

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#5

2-Methylnaphthalene

Concen: 0.025 ng/ul

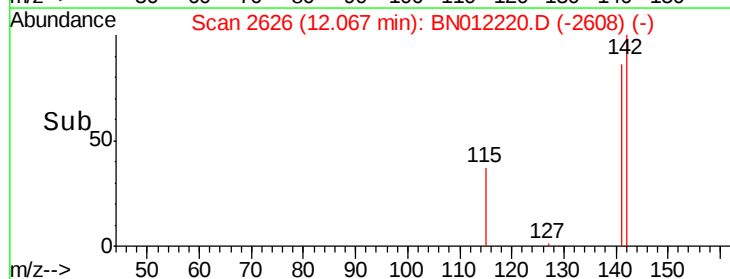
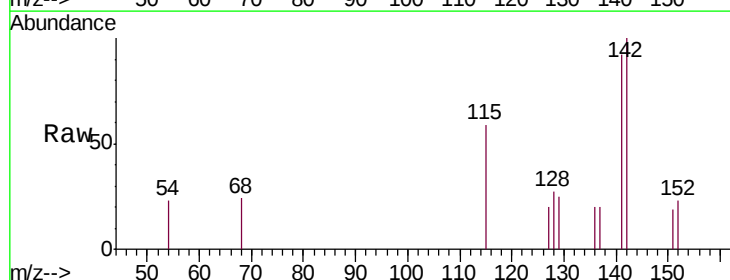
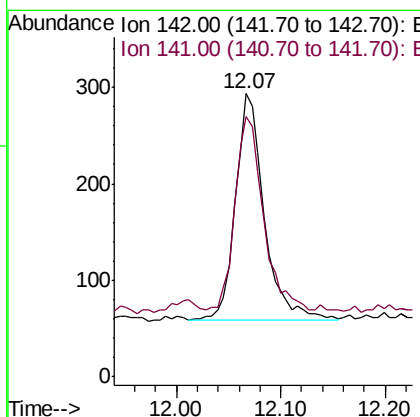
RT: 12.07 min Scan# 2626

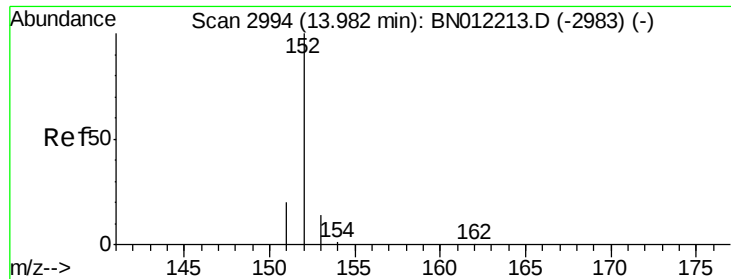
Delta R.T. 0.00 min

Lab File: BN012220.D

Acq: 15 Oct 2020 07:10

Tgt Ion:	142	Resp:	446
Ion Ratio	Lower	Upper	
142	100		
141	85.2	71.7	107.5





#7

Acenaphthylene

Concen: 0.041 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. 0.00 min

Lab File: BN012220.D

Acq: 15 Oct 2020 07:10

Instrument :

BNA_N

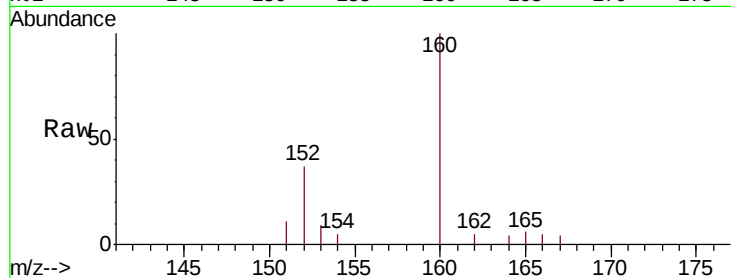
ClientSampleId :

C0AP4DL

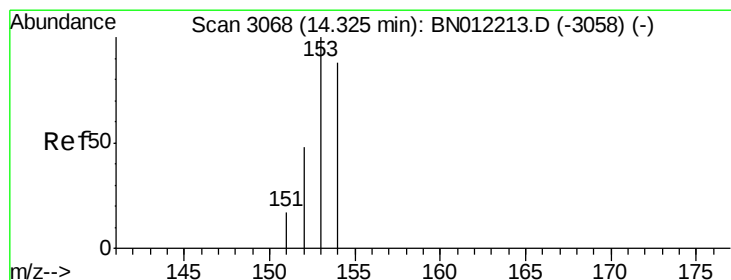
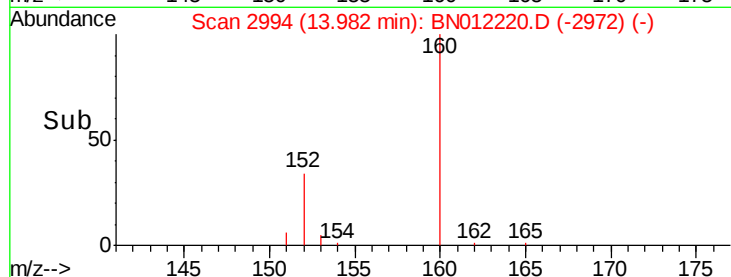
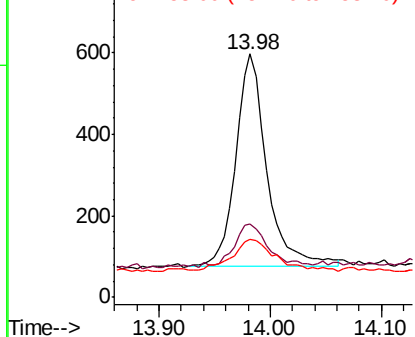
Tgt Ion:	152	Resp:	990
Ion Ratio	Lower	Upper	
152	100		
151	30.3	16.7	25.1#
153	23.6	11.8	17.8#

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.048 ng/ul

RT: 14.32 min Scan# 3068

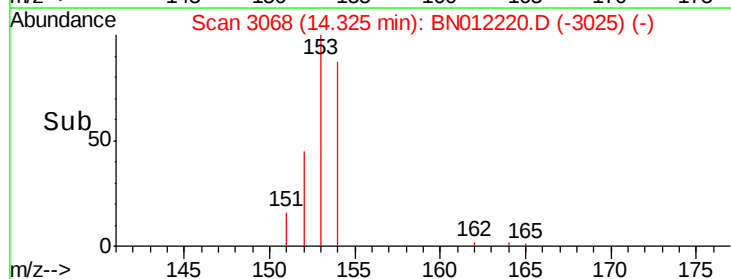
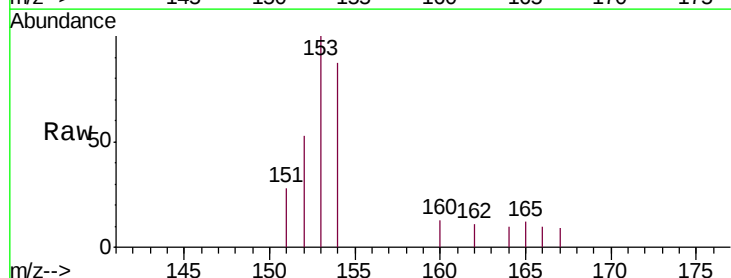
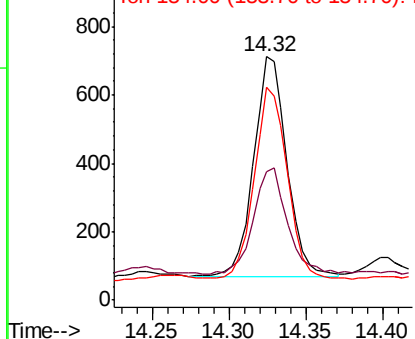
Delta R.T. 0.00 min

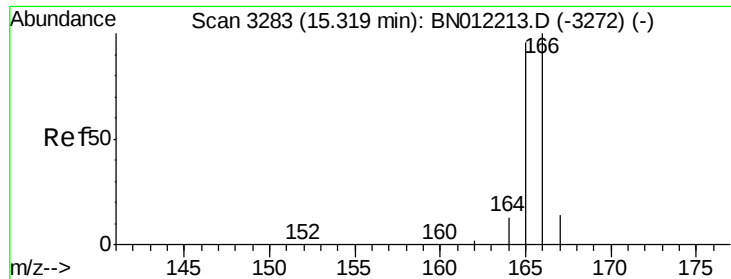
Lab File: BN012220.D

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Tgt Ion:	153	Resp:	973
Ion Ratio	Lower	Upper	
153	100		
152	52.7	38.2	57.2
154	87.2	71.1	106.7

Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





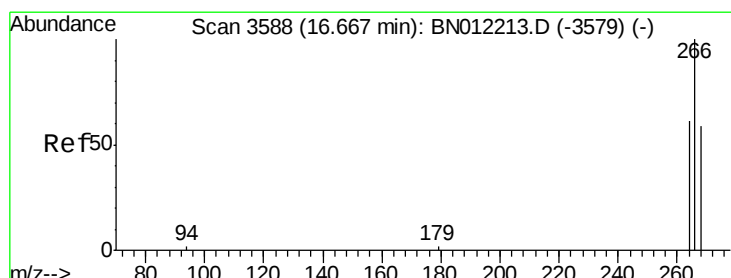
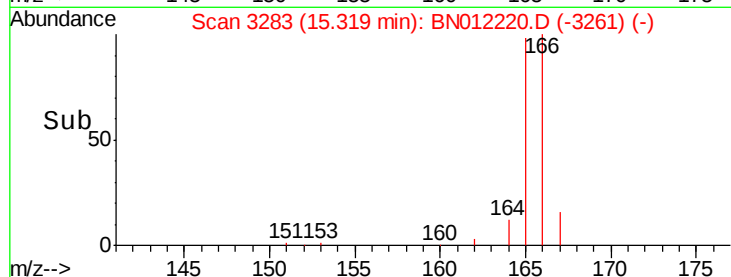
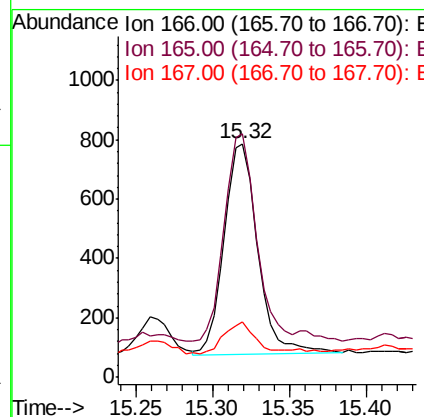
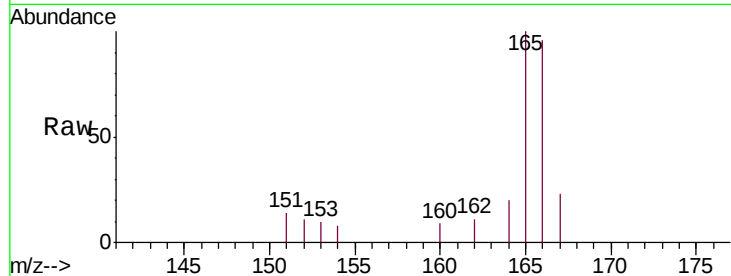
#9
Fluorene
Concen: 0.047 ng/ul
RT: 15.32 min Scan# 3283
Delta R.T. 0.00 min
Lab File: BN012220.D
Acq: 15 Oct 2020 07:10

Instrument :
BNA_N
ClientSampled :
C0AP4DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	104.3	78.6	118.0
167	23.7	11.9	17.9

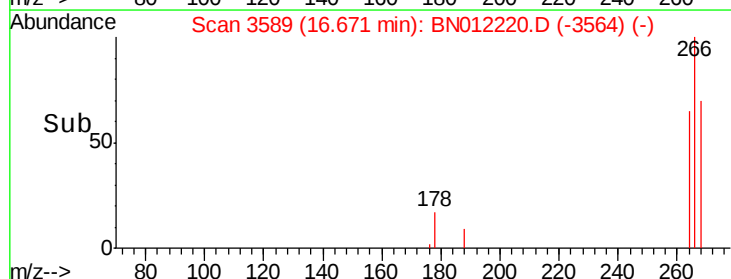
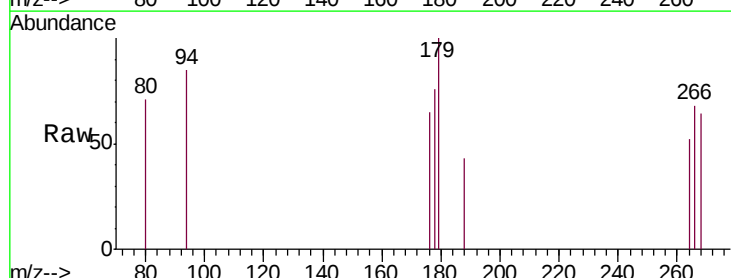
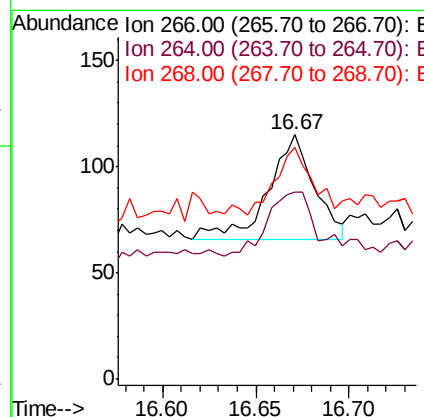
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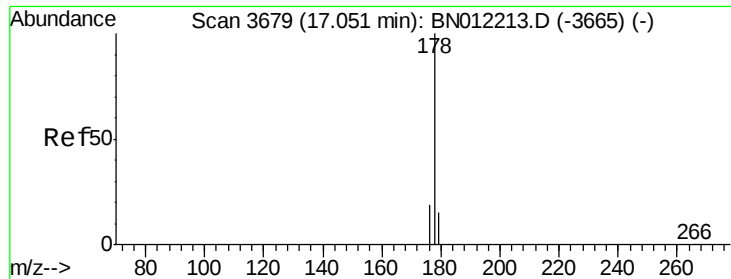
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#11
Pentachlorophenol
Concen: 0.025 ng/ul
RT: 16.67 min Scan# 3589
Delta R.T. 0.00 min
Lab File: BN012220.D
Acq: 15 Oct 2020 07:10

Tgt Ion	Ratio	Lower	Upper
266	100		
264	72.6	50.3	75.5
268	54.8	52.4	78.6





#12

Phenanthrene

Concen: 0.556 ng/ul

RT: 17.05 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BN012220.D

Acq: 15 Oct 2020 07:10

Instrument :

BNA_N

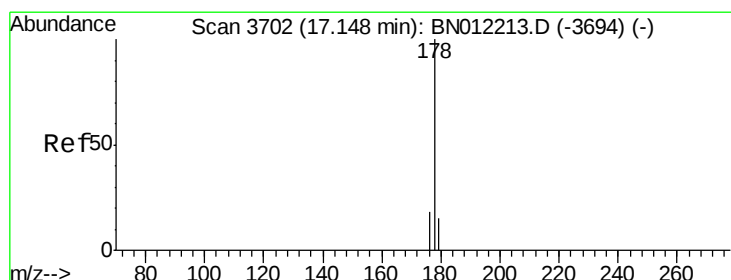
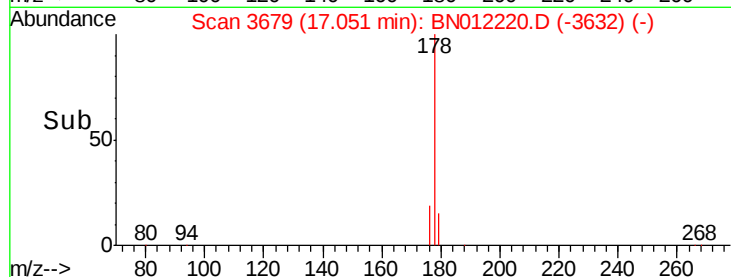
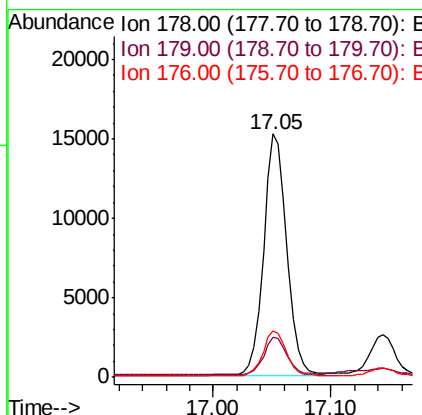
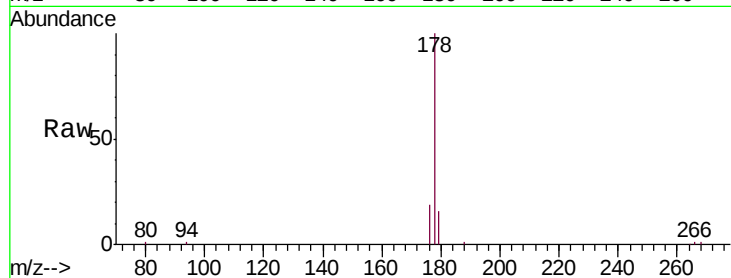
ClientSampleId :

C0AP4DL

Tgt Ion:	178	Resp:	20783
Ion Ratio	Lower	Upper	
178	100		
179	16.2	13.4	20.2
176	19.1	15.7	23.5

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#13

Anthracene

Concen: 0.111 ng/ul

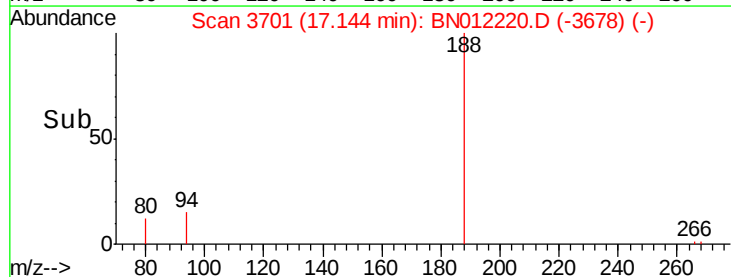
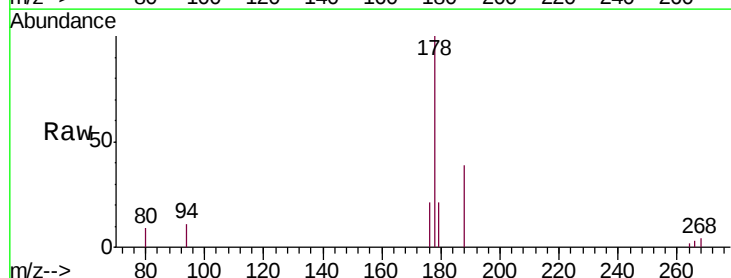
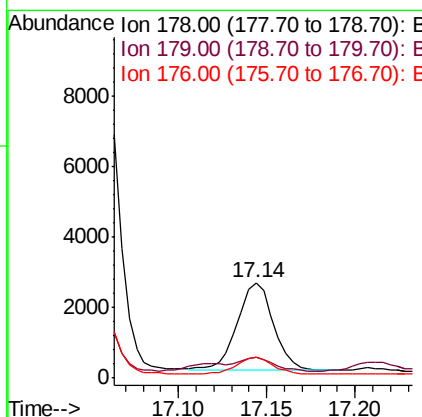
RT: 17.14 min Scan# 3701

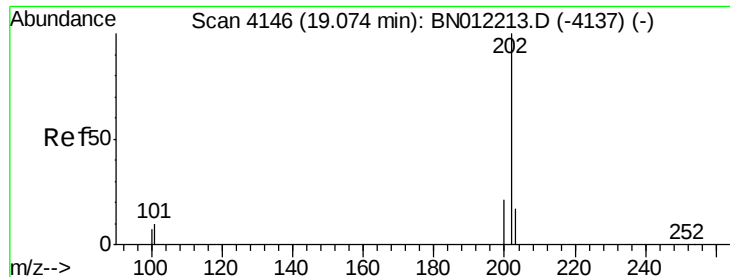
Delta R.T. -0.00 min

Lab File: BN012220.D

Acq: 15 Oct 2020 07:10

Tgt Ion:	178	Resp:	3558
Ion Ratio	Lower	Upper	
178	100		
179	21.3	13.9	20.9#
176	21.4	15.4	23.0





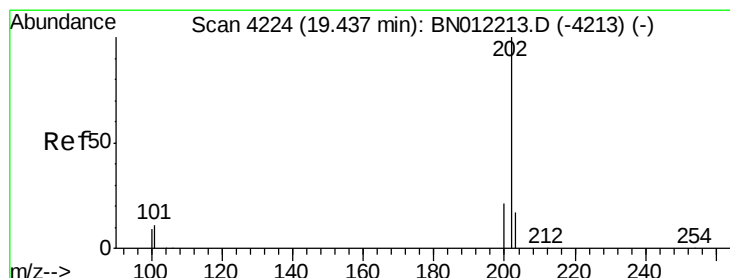
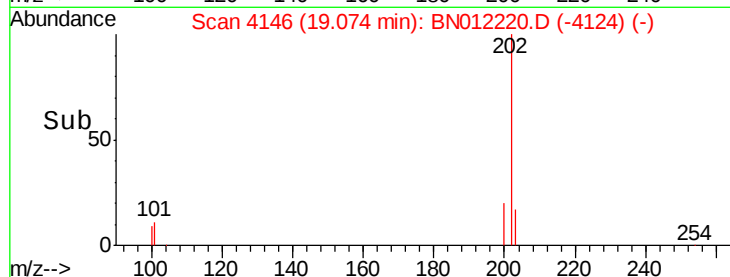
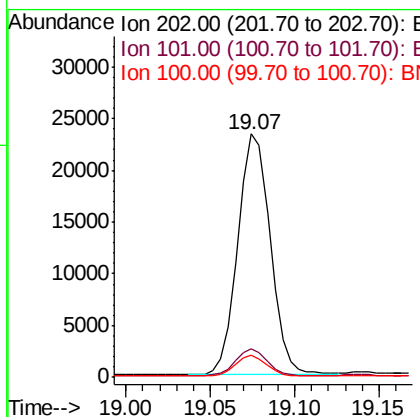
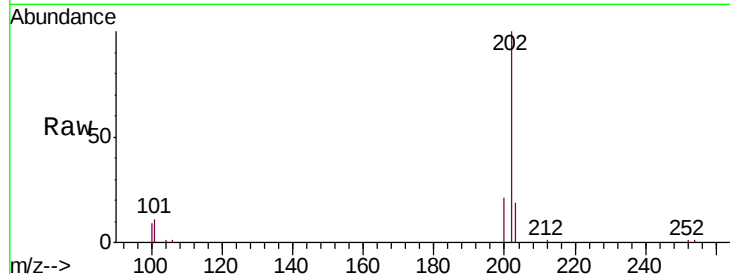
#15
Fluoranthene
Concen: 0.710 ng/ul
RT: 19.07 min Scan# 4146
Delta R.T. 0.00 min
Lab File: BN012220.D
Acq: 15 Oct 2020 07:10

Instrument :
BNA_N
ClientSampleId :
C0AP4DL

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	31073		
101	11.5	0.0	31.0	
100	8.9	0.0	28.7	

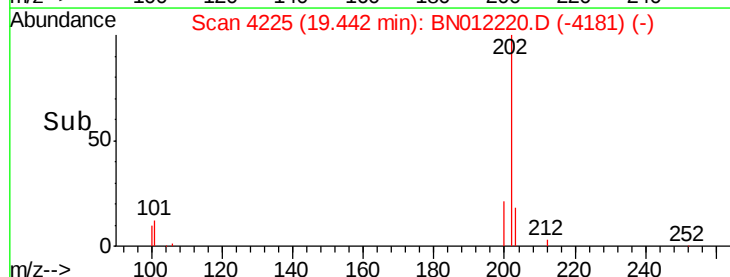
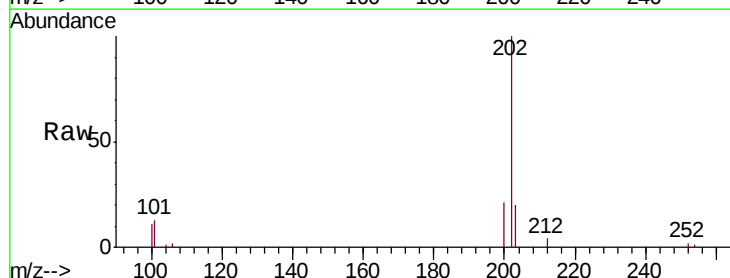
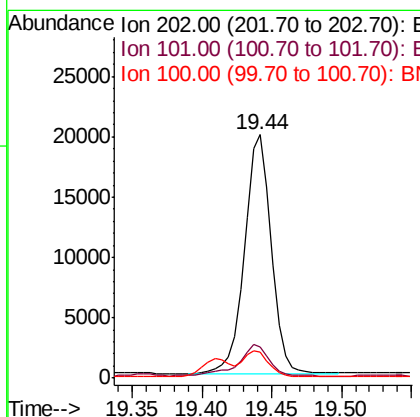
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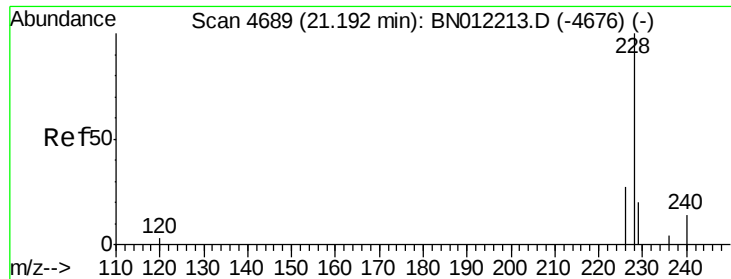
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#17
Pyrene
Concen: 0.623 ng/ul
RT: 19.44 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BN012220.D
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	26833		
101	12.9	9.9	14.9	
100	10.6	8.0	12.0	





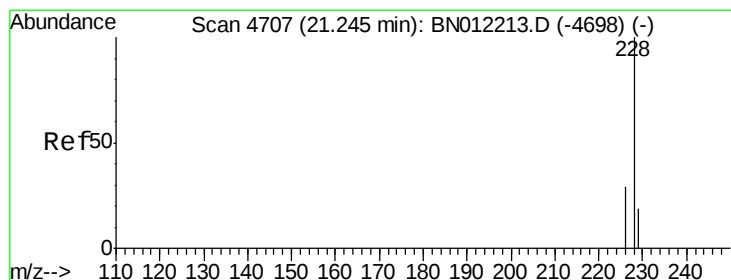
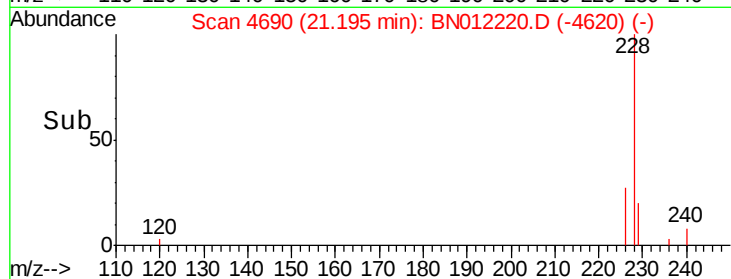
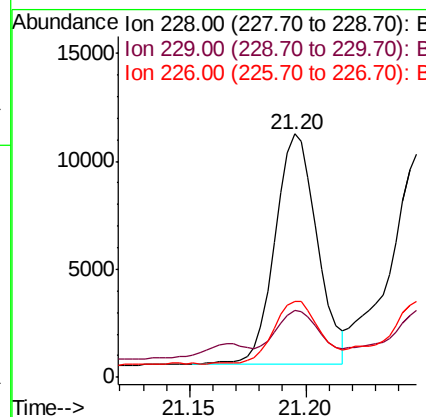
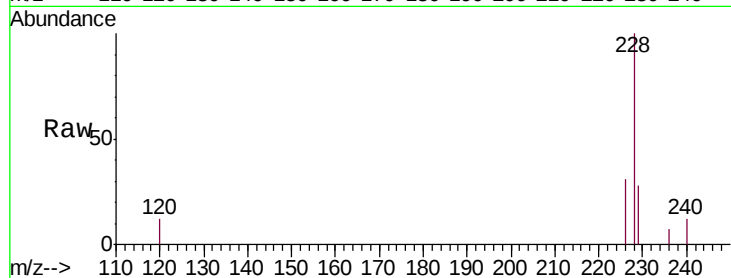
#18
Benzo(a)anthracene
Concen: 0.379 ng/ul
RT: 21.20 min Scan# 4690
Delta R.T. 0.00 min
Lab File: BN012220.D
Acq: 15 Oct 2020 07:10

Instrument :
BNA_N
ClientSampleId :
C0AP4DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	27.6	15.8	23.8#
226	31.4	22.6	33.8

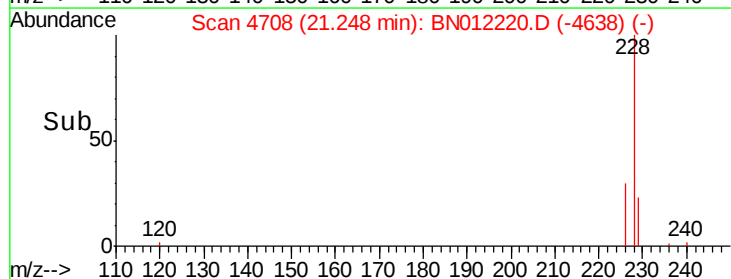
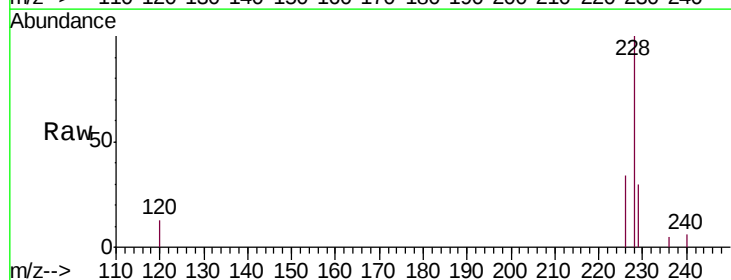
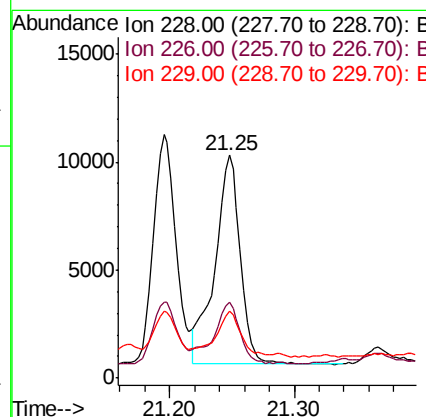
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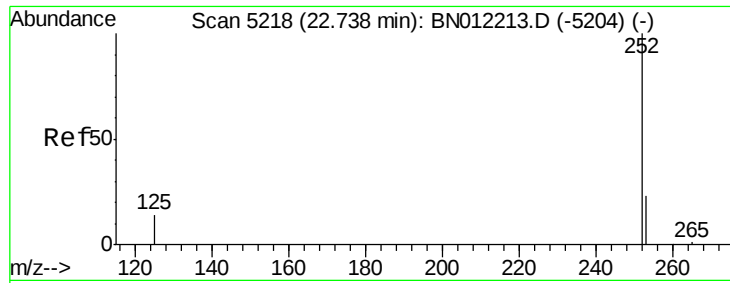
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#19
Chrysene
Concen: 0.317 ng/ul
RT: 21.25 min Scan# 4708
Delta R.T. 0.00 min
Lab File: BN012220.D
Acq: 15 Oct 2020 07:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.3	24.6	37.0
229	30.2	17.0	25.6#





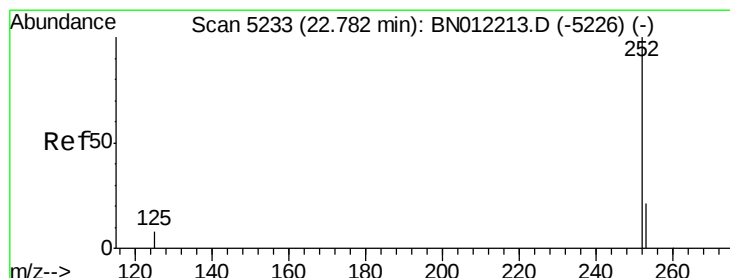
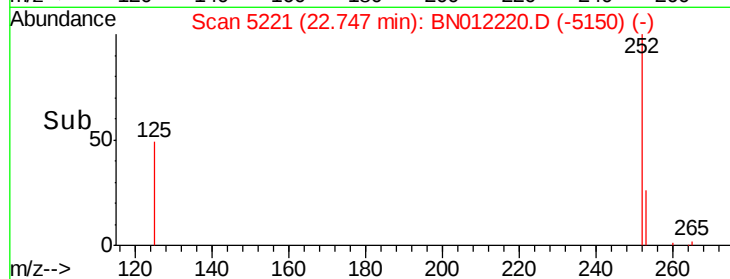
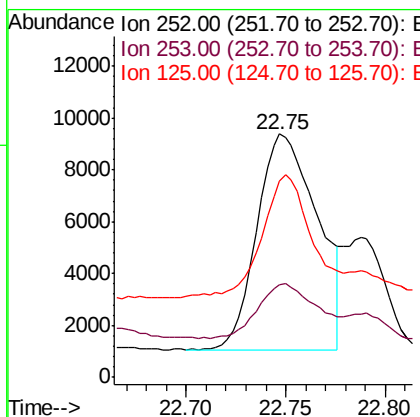
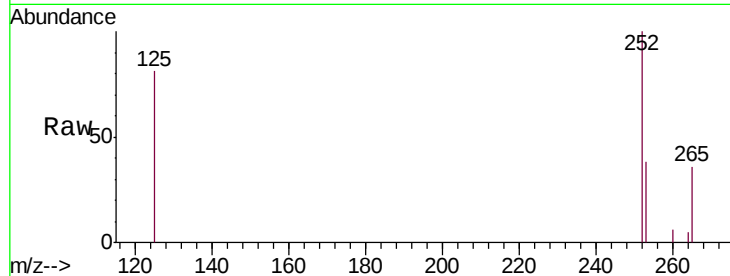
#21
Benzo(b)fluoranthene
Concen: 0.445 ng/ul m
RT: 22.75 min Scan# 5221
Delta R.T. 0.01 min
Lab File: BN012220.D
Acq: 15 Oct 2020 07:10

Instrument :
BNA_N
ClientSampleId :
C0AP4DL

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	17724		
253	38.1	0.0	61.6	
125	80.7	0.0	36.8#	

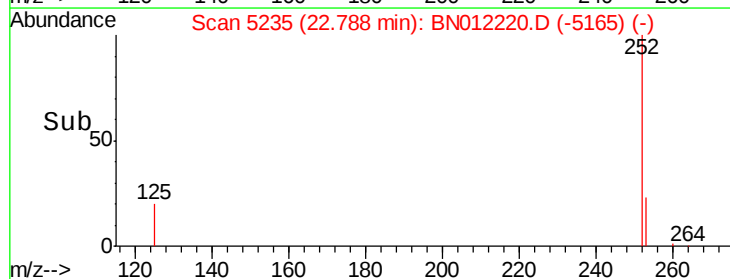
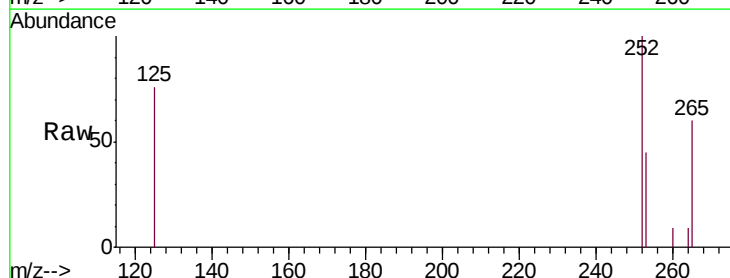
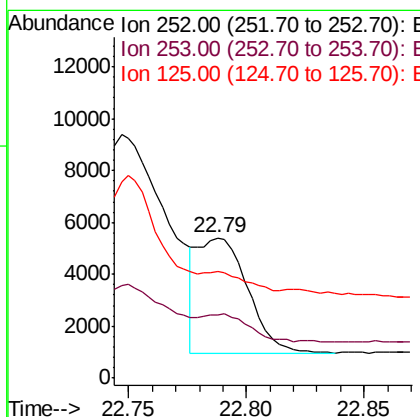
Manual Integrations
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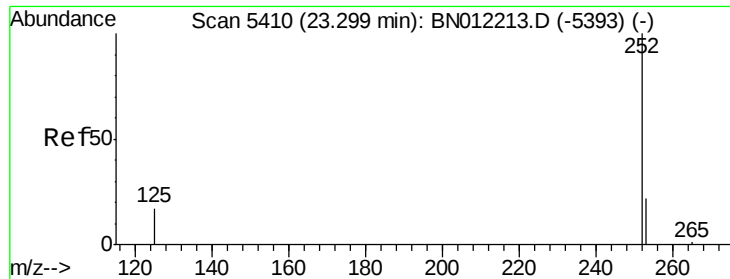
mohammad
10/19/2020 1:19:01 PM



#22
Benzo(k)fluoranthene
Concen: 0.151 ng/ul m
RT: 22.79 min Scan# 5235
Delta R.T. 0.01 min
Lab File: BN012220.D
Acq: 15 Oct 2020 07:10

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	6648		
253	44.6	24.4	36.6#	
125	76.4	12.9	19.3#	





#23

Benzo(a)pyrene

Concen: 0.307 ng/ul

RT: 23.31 min Scan# 5412

Delta R.T. 0.01 min

Lab File: BN012220.D

Acq: 15 Oct 2020 07:10

Instrument :

BNA_N

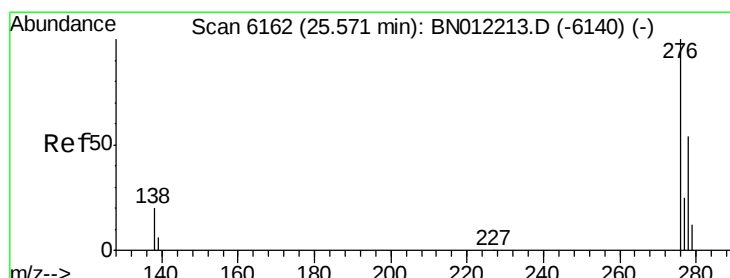
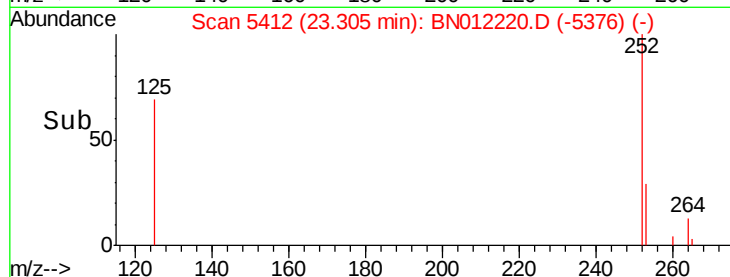
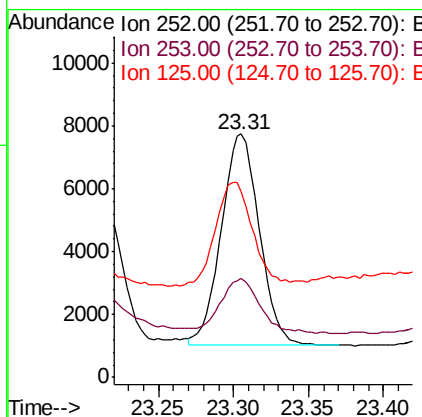
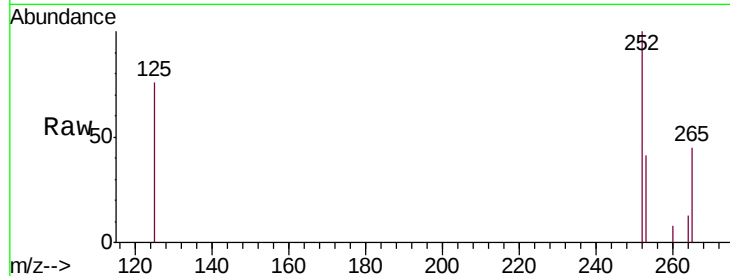
ClientSampleId :

C0AP4DL

Tgt Ion:	252	Resp:	11886
Ion Ratio	Lower	Upper	
252	100		
253	40.8	27.0	40.4#
125	76.2	18.8	28.2#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.189 ng/ul

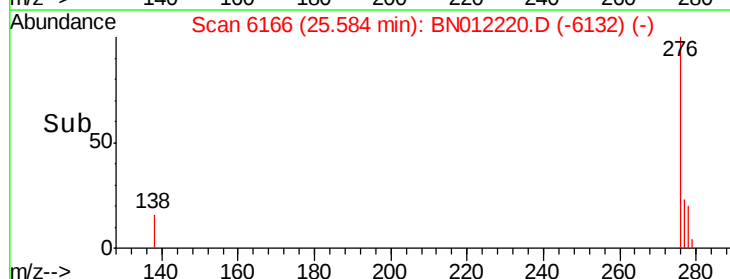
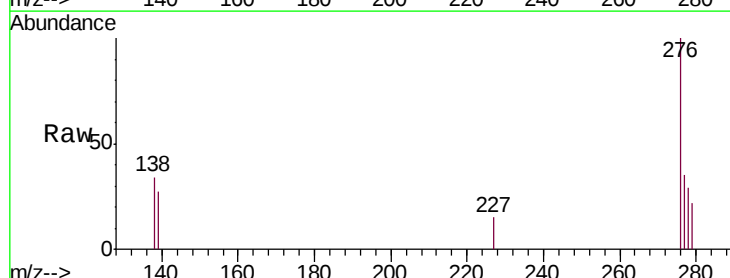
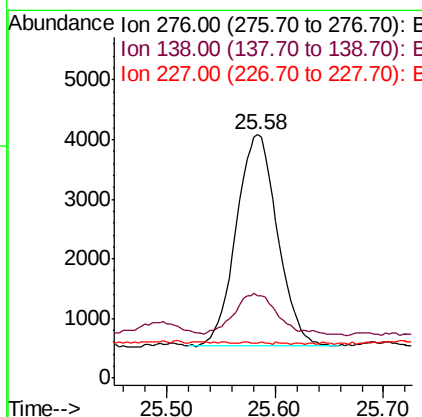
RT: 25.58 min Scan# 6166

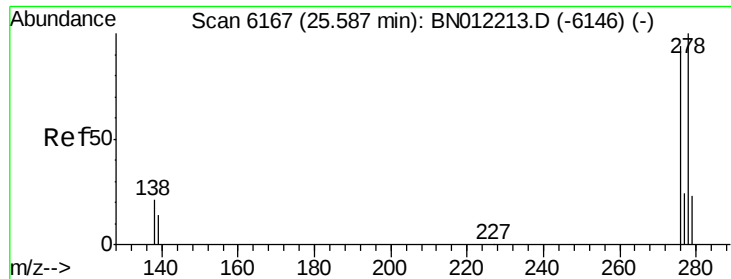
Delta R.T. 0.01 min

Lab File: BN012220.D

Acq: 15 Oct 2020 07:10

Tgt Ion:	276	Resp:	9386
Ion Ratio	Lower	Upper	
276	100		
138	21.3	0.0	0.0#
227	0.2	0.0	0.0#





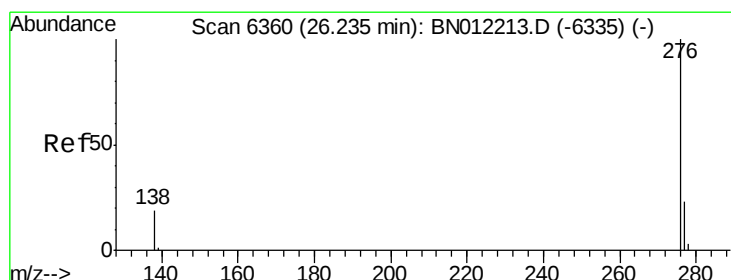
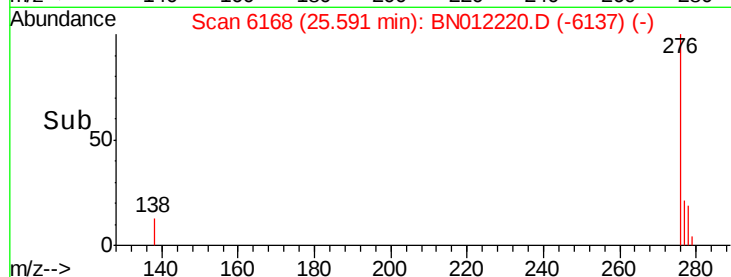
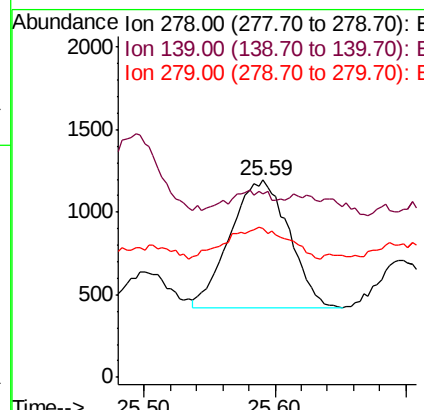
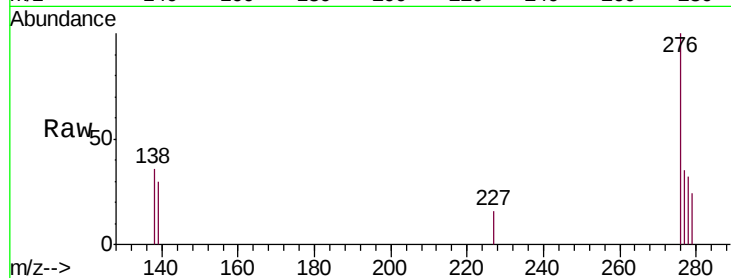
#25
Dibenzo(a,h)anthracene
Concen: 0.061 ng/ul
RT: 25.59 min Scan# 6168
Delta R.T. 0.00 min
Lab File: BN012220.D
Acq: 15 Oct 2020 07:10

Instrument :
BNA_N
ClientSampleId :
C0AP4DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	93.0	15.7	23.5#
279	75.6	26.0	39.0#

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#26
Benzo(g,h,i)perylene
Concen: 0.199 ng/ul
RT: 26.25 min Scan# 6365
Delta R.T. 0.02 min
Lab File: BN012220.D
Acq: 15 Oct 2020 07:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	38.2	17.1	25.7#
277	36.1	21.1	31.7#

