

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101920\
 Data File : BN012351.D
 Acq On : 19 Oct 2020 14:57
 Operator : CG/JU
 Sample : L4308-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AP7

Manual Integrations
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Sohil
 10/20/2020 9:35:50 AM

Quant Time: Oct 19 15:28:29 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 : Mon Oct 19 11:52:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1372	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	5644	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	3387	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	6831m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	6096	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	5592	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	3190	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	7233	0.39	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	1843	0.113	ng/ul#	92
5) 2-Methylnaphthalene	12.04	142	1078	0.104	ng/ul	98
7) Acenaphthylene	13.95	152	13852	0.943	ng/ul	100
8) Acenaphthene	14.30	153	6162	0.496	ng/ul	99
9) Fluorene	15.29	166	12304	0.890	ng/ul	97
12) Phenanthrene	17.03	178	278882	12.807	ng/ul	98
13) Anthracene	17.12	178	65117	3.486	ng/ul	98
15) Fluoranthene	19.05	202	614787	24.145	ng/ul	99
17) Pyrene	19.42	202	470371	17.114	ng/ul	100
18) Benzo(a)anthracene	21.17	228	291943	12.929	ng/ul	98
19) Chrysene	21.22	228	283675	10.312	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	402130m	17.804	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	145475m	5.819	ng/ul	
23) Benzo(a)pyrene	23.27	252	257140	11.703	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.53	276	198145	7.019	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.54	278	52888	2.342	ng/ul	97
26) Benzo(a,h,i)perylene	26.20	276	163318	6.312	ng/ul	98

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

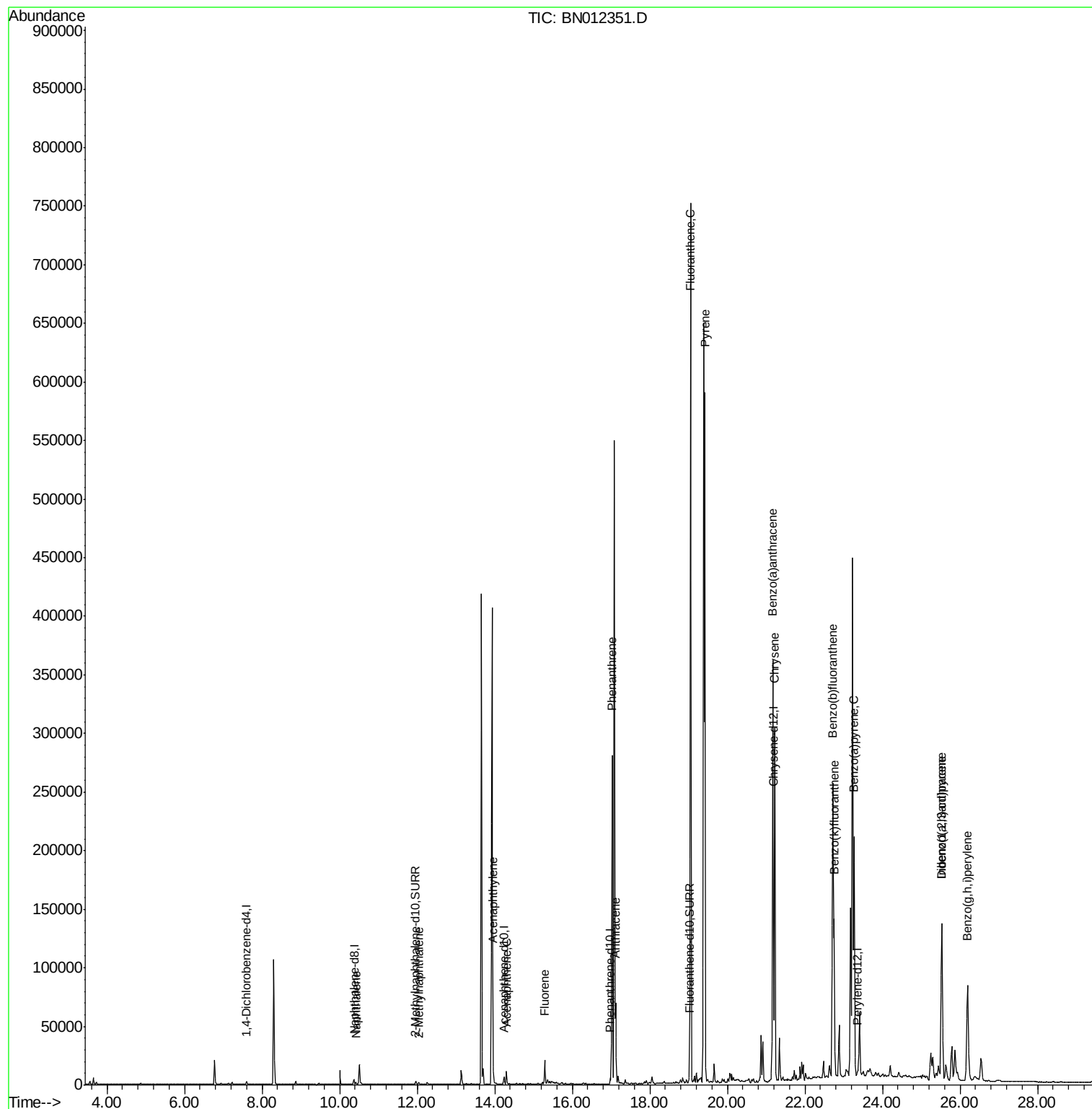
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101920\
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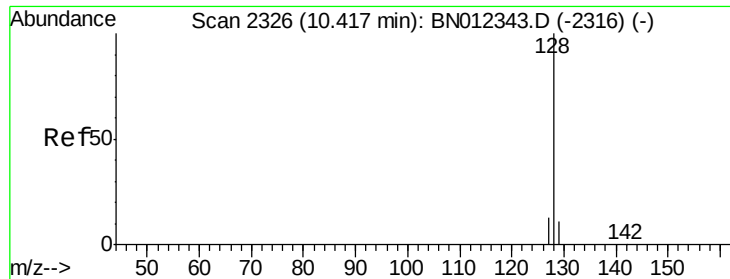
Instrument :
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Quant Time: Oct 19 15:28:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
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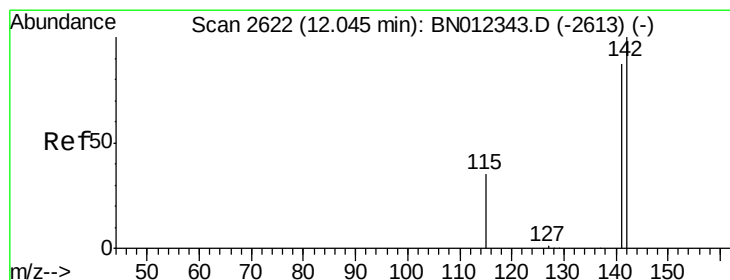
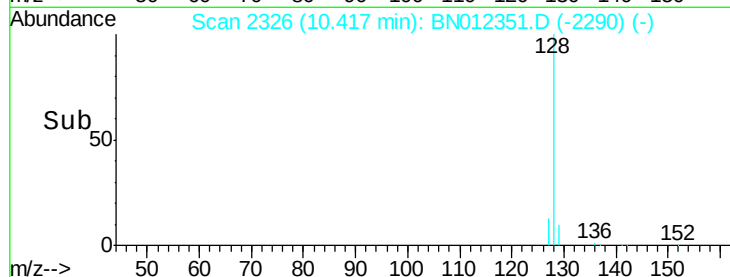
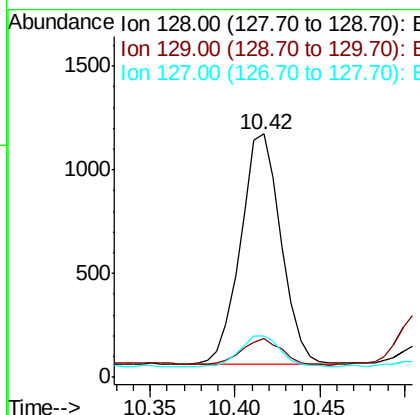
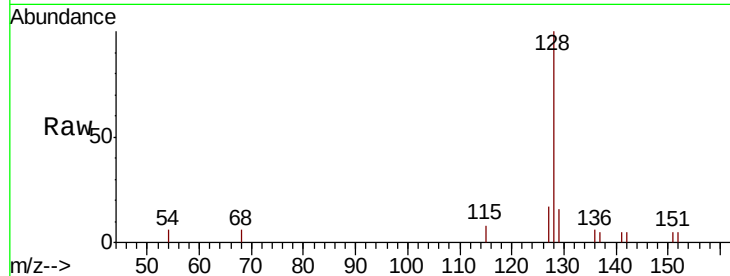
#3
Naphthalene
Concen: 0.113 ng/ul
RT: 10.42 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BN012351.D
Acq: 19 Oct 2020 14:57

Instrument :
BNA_N
ClientSampled :
C0AP7

Tot Ion	Ratio	Lower	Upper
128	100		
129	15.8	9.8	14.6#
127	17.0	11.4	17.2

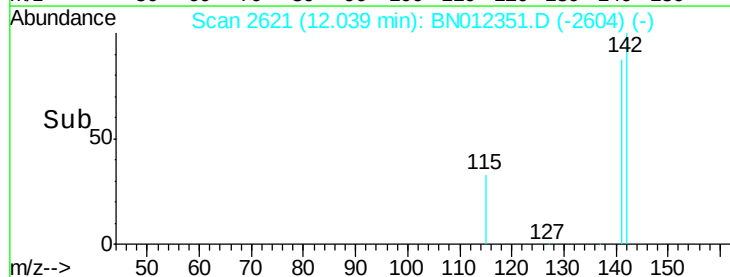
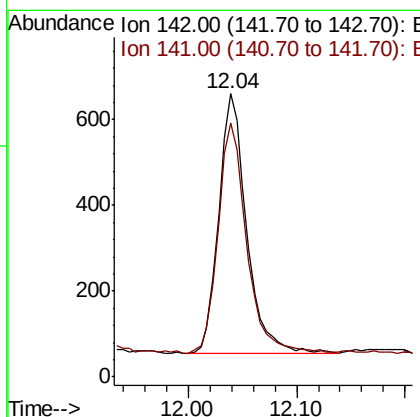
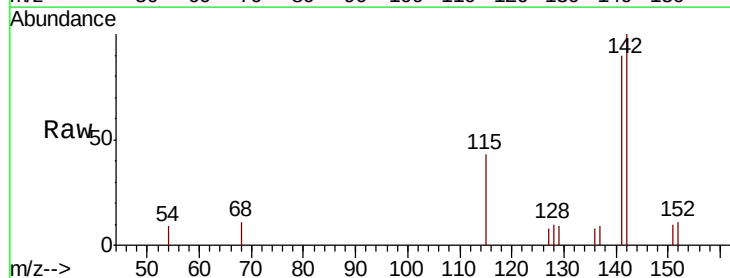
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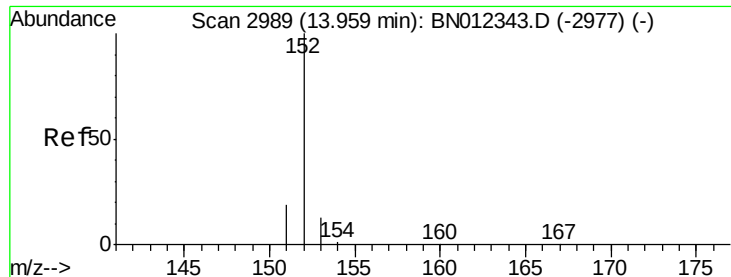
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#5
2-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 12.04 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BN012351.D
Acq: 19 Oct 2020 14:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.8	106.2





#7

Acenaphthylene

Concen: 0.943 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN012351.D

Acq: 19 Oct 2020 14:57

Instrument :

BNA_N

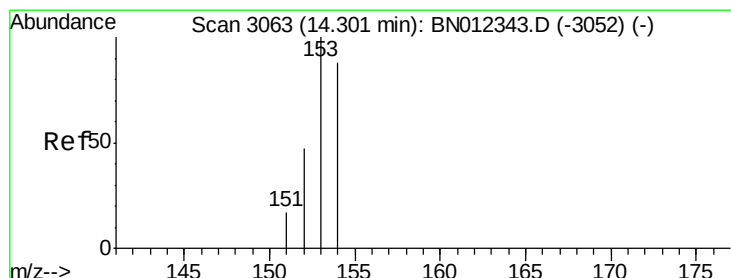
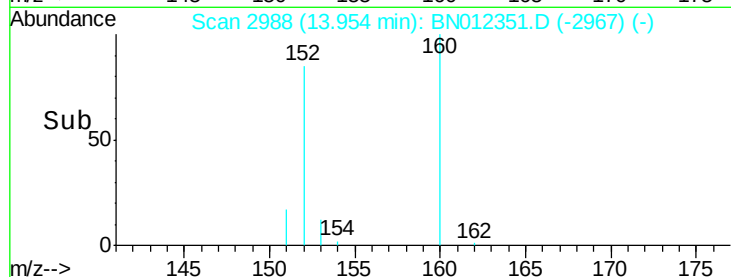
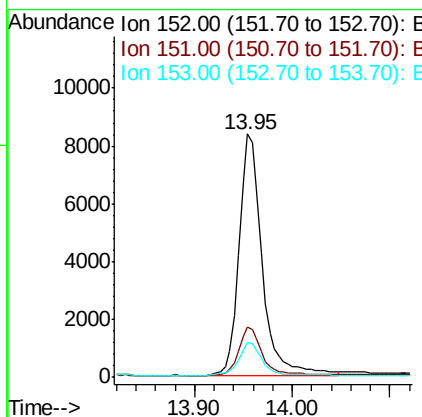
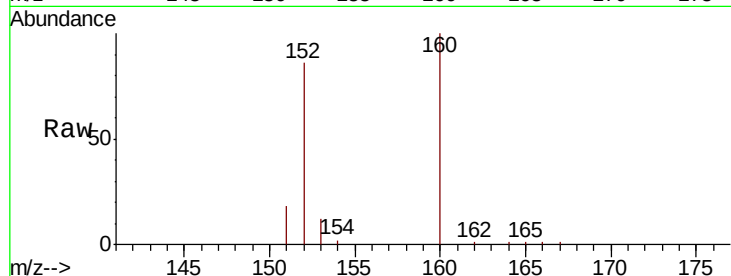
ClientSampleId :

C0AP7

Tot Ion:	152	Resp:	13852
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.6	24.8
153	14.2	11.4	17.0

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#8

Acenaphthene

Concen: 0.496 ng/ul

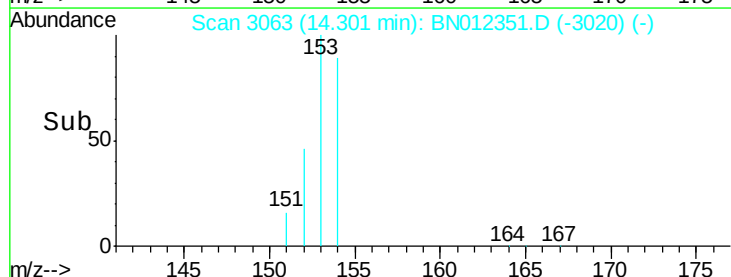
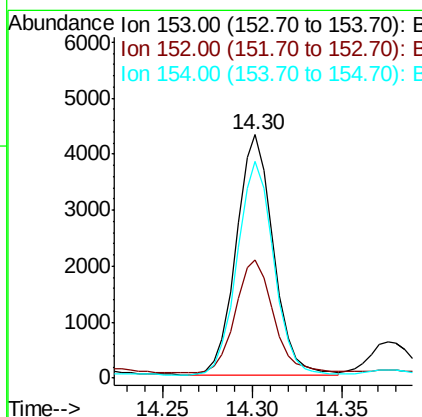
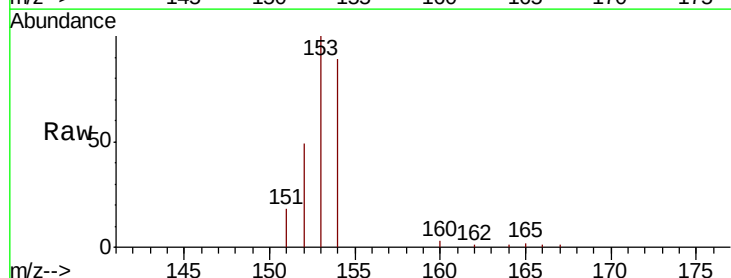
RT: 14.30 min Scan# 3063

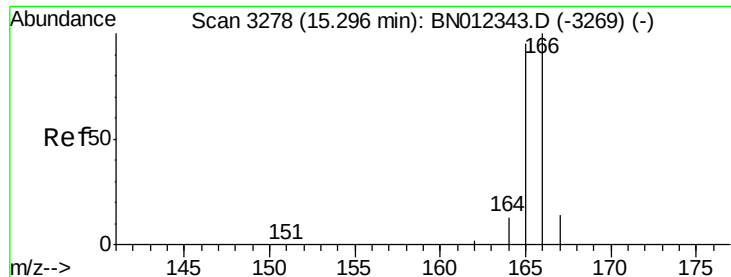
Delta R.T. -0.00 min

Lab File: BN012351.D

Acq: 19 Oct 2020 14:57

Tgt Ion:	153	Resp:	6162
Ion Ratio	Lower	Upper	
153	100		
152	48.7	38.5	57.7
154	88.9	70.7	106.1





#9

Fluorene

Concen: 0.890 ng/ul

RT: 15.29 min Scan# 3277

Delta R.T. -0.00 min

Lab File: BN012351.D

Acq: 19 Oct 2020 14:57

Instrument :

BNA_N

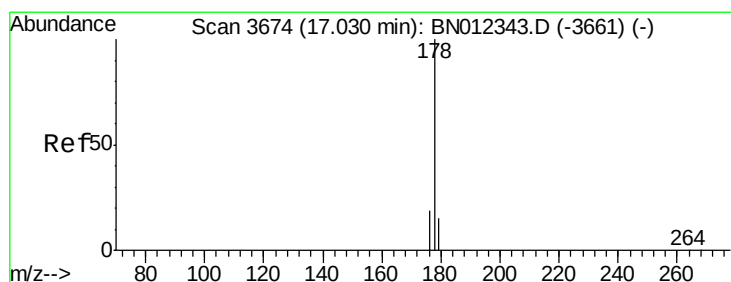
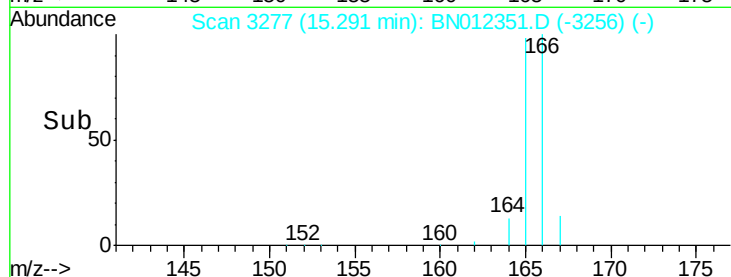
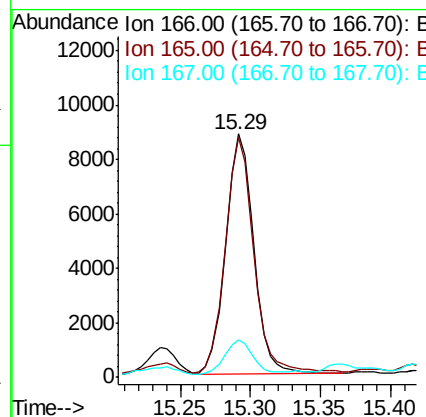
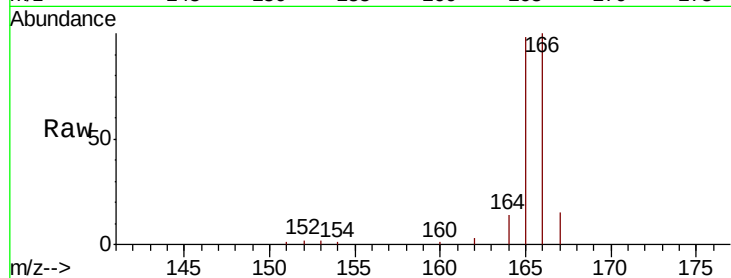
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
12304	166	100			
	165	98.4	76.3	114.5	
	167	15.2	12.0	18.0	

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#12

Phenanthrene

Concen: 12.807 ng/ul

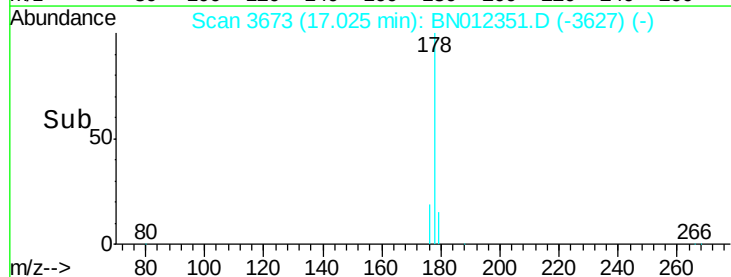
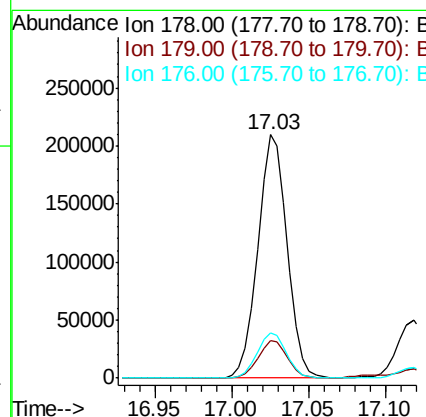
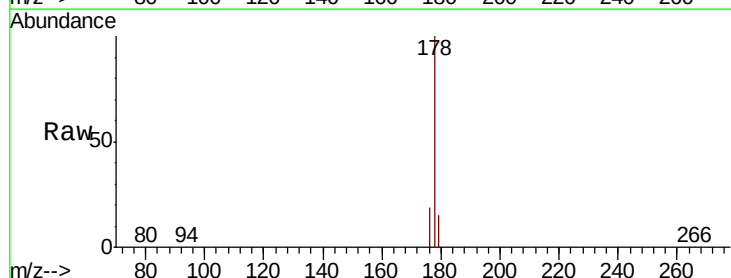
RT: 17.03 min Scan# 3673

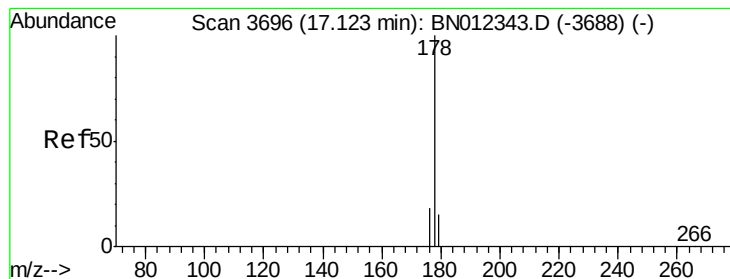
Delta R.T. -0.00 min

Lab File: BN012351.D

Acq: 19 Oct 2020 14:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
278882	178	100			
	179	15.3	13.1	19.7	
	176	18.7	15.8	23.8	





#13

Anthracene

Concen: 3.486 ng/ul

RT: 17.12 min Scan# 3695

Delta R.T. -0.00 min

Lab File: BN012351.D

Acq: 19 Oct 2020 14:57

Instrument :

BNA_N

ClientSampleId :

C0AP7

Tot Ion:178 Resp: 65117

Ion Ratio Lower Upper

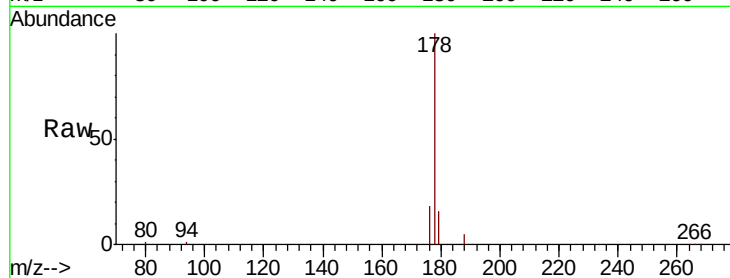
178 100

179 15.6 13.1 19.7

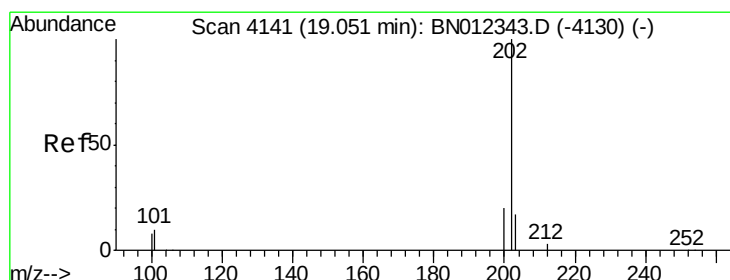
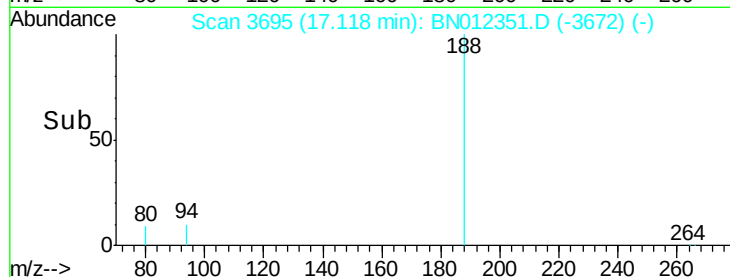
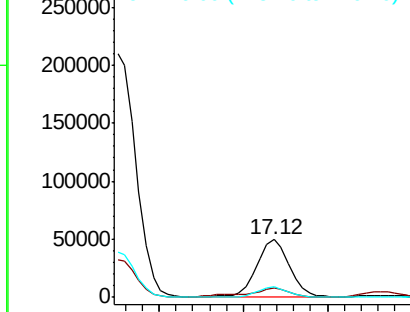
176 18.2 15.4 23.2

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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: 24.145 ng/ul

RT: 19.05 min Scan# 4141

Delta R.T. -0.00 min

Lab File: BN012351.D

Acq: 19 Oct 2020 14:57

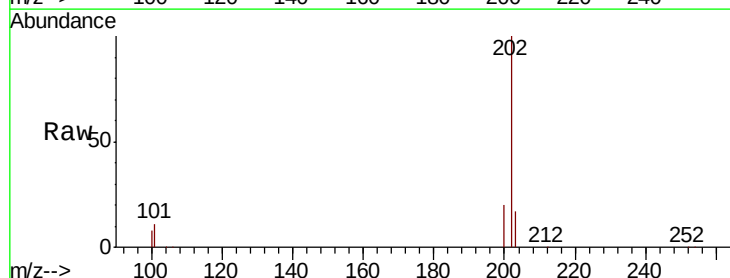
Tgt Ion:202 Resp: 614787

Ion Ratio Lower Upper

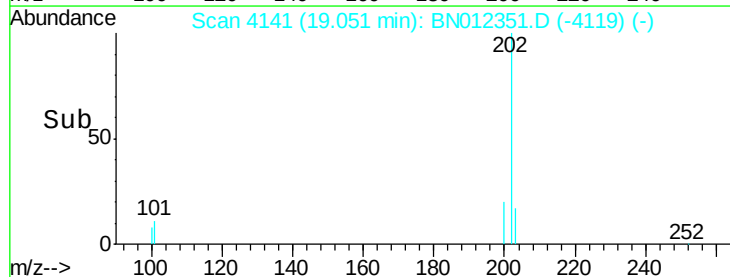
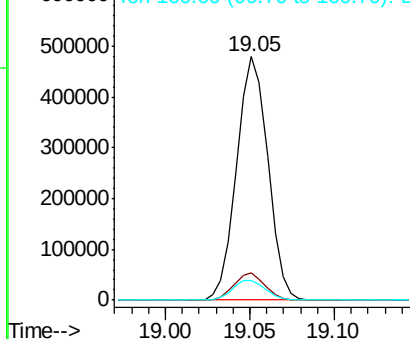
202 100

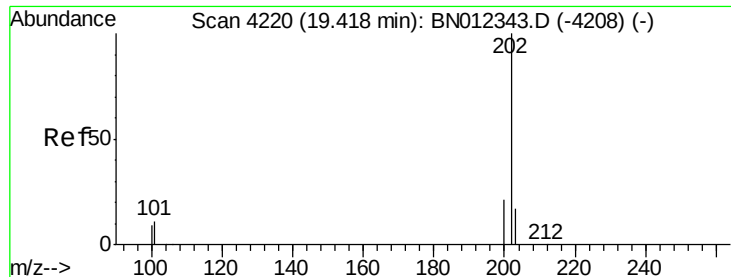
101 11.0 0.0 31.1

100 8.3 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: 17.114 ng/ul

RT: 19.42 min Scan# 4220

Delta R.T. -0.00 min

Lab File: BN012351.D

Acq: 19 Oct 2020 14:57

Instrument :

BNA_N

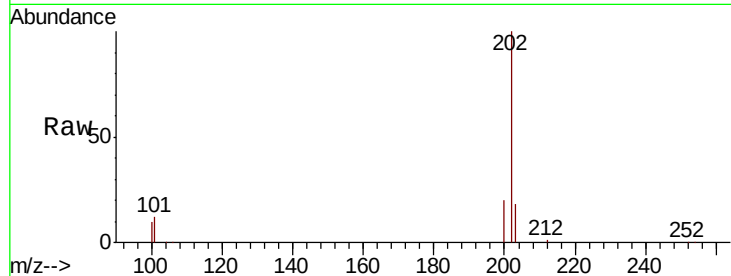
ClientSampled :

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Tot Ion:	202	Resp:	470371
Ion Ratio	Lower	Upper	
202	100		
101	12.0	9.6	14.4
100	9.7	7.8	11.8

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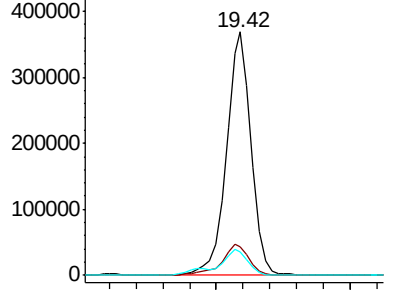
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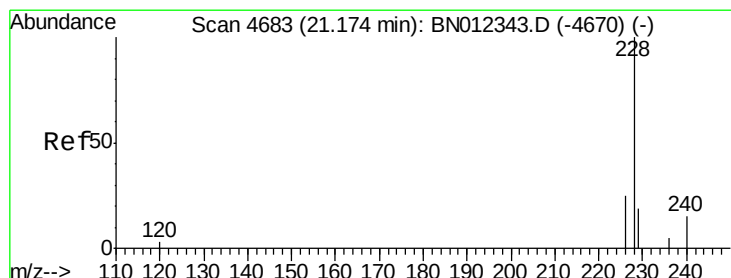
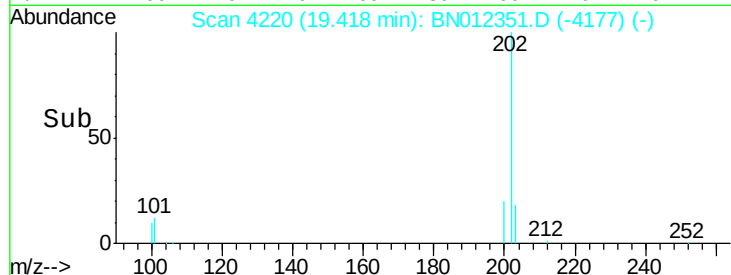
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



Time-->



#18

Benzo(a)anthracene

Concen: 12.929 ng/ul

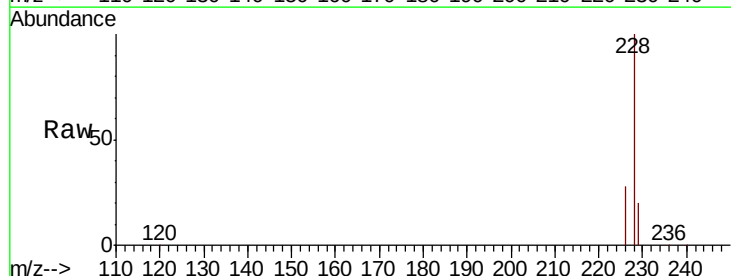
RT: 21.17 min Scan# 4682

Delta R.T. -0.00 min

Lab File: BN012351.D

Acq: 19 Oct 2020 14:57

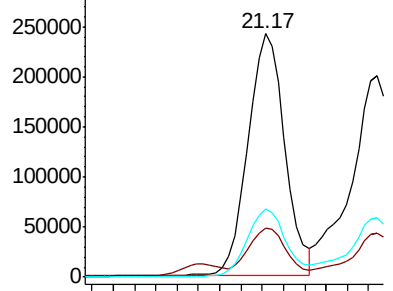
Tgt Ion:	228	Resp:	291943
Ion Ratio	Lower	Upper	
228	100		
229	20.2	16.2	24.4
226	28.0	21.2	31.8



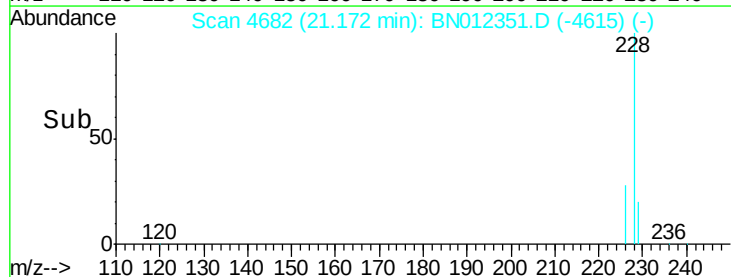
Abundance Ion 228.00 (227.70 to 228.70): E

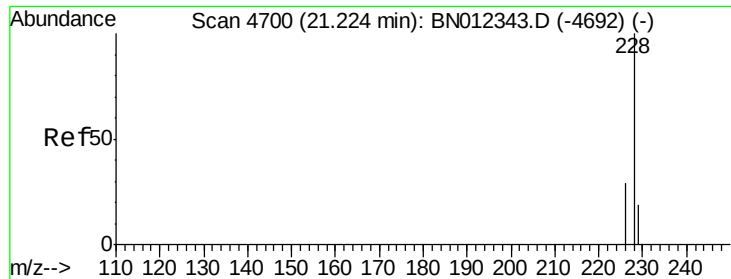
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->





#19

Chrysene

Concen: 10.312 ng/ul

RT: 21.22 min Scan# 4700

Delta R.T. -0.00 min

Lab File: BN012351.D

Acq: 19 Oct 2020 14:57

Instrument :

BNA_N

ClientSampleId :

C0AP7

Tot Ion:228 Resp: 283675

Ion Ratio Lower Upper

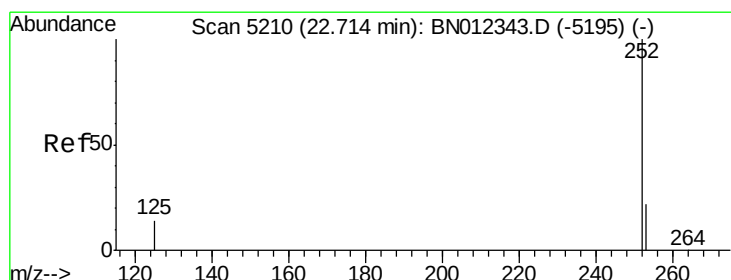
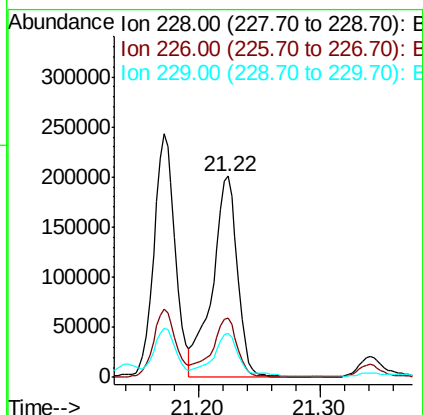
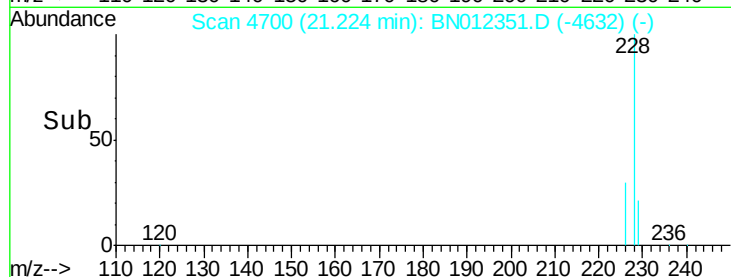
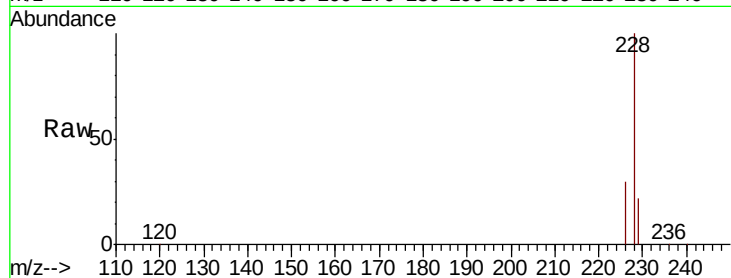
228 100

226 29.7 23.8 35.6

229 21.8 15.8 23.8

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#21

Benzo(b)fluoranthene

Concen: 17.804 ng/ul m

RT: 22.71 min Scan# 5210

Delta R.T. -0.00 min

Lab File: BN012351.D

Acq: 19 Oct 2020 14:57

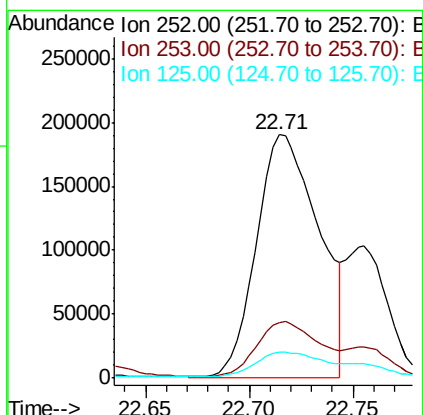
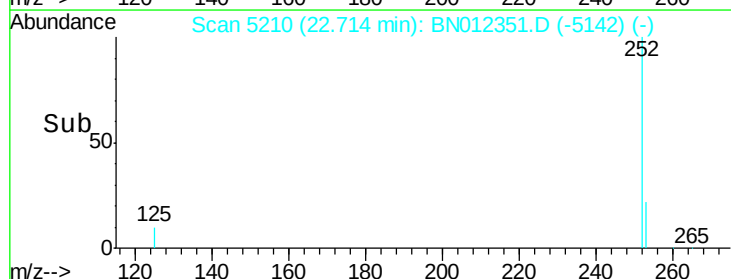
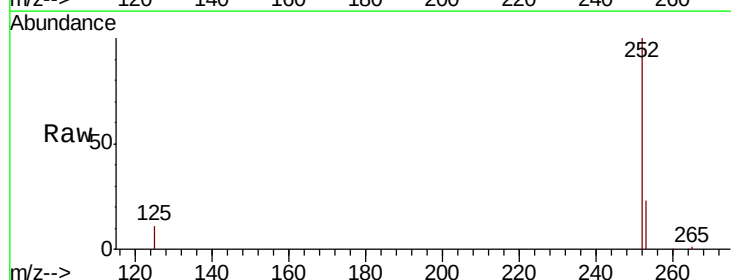
Tgt Ion:252 Resp: 402130

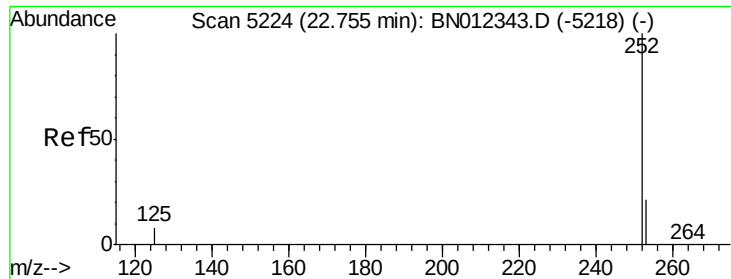
Ion Ratio Lower Upper

252 100

253 23.0 0.0 56.4

125 10.8 0.0 37.8





#22

Benzo(k)fluoranthene

Concen: 5.819 ng/ul m

RT: 22.76 min Scan# 5224

Delta R.T. -0.00 min

Lab File: BN012351.D

Acq: 19 Oct 2020 14:57

Instrument :

BNA_N

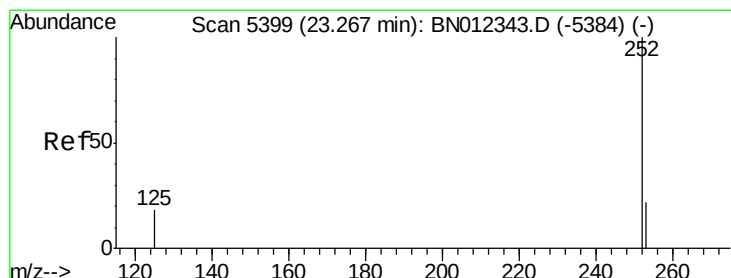
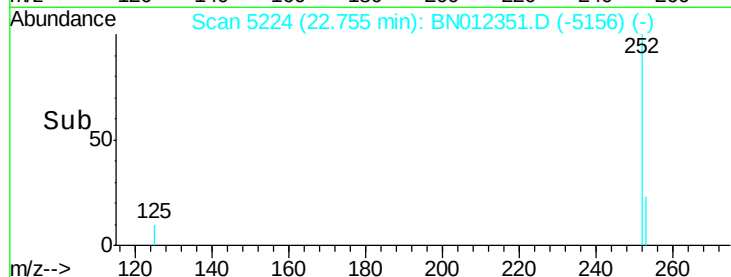
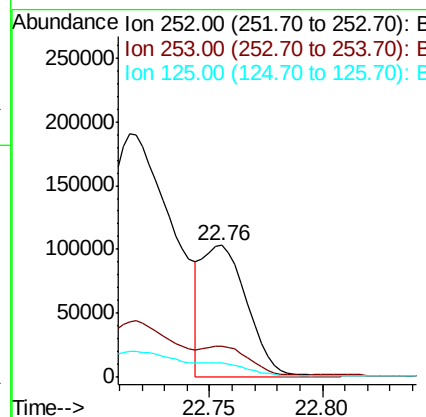
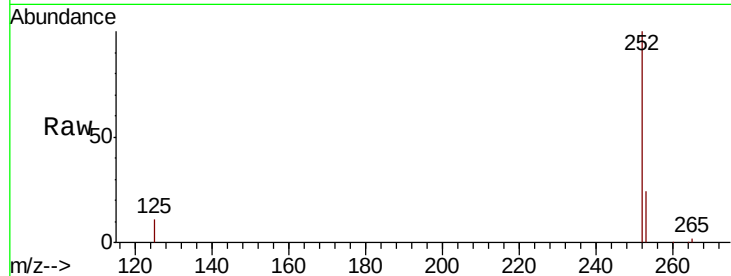
ClientSampled :

C0AP7

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	22.2	33.4
125	10.9	11.0	16.4

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#23

Benzo(a)pyrene

Concen: 11.703 ng/ul

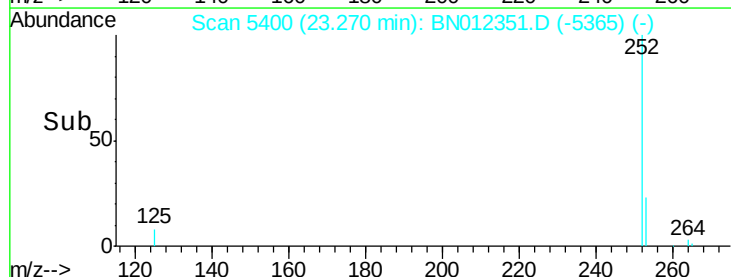
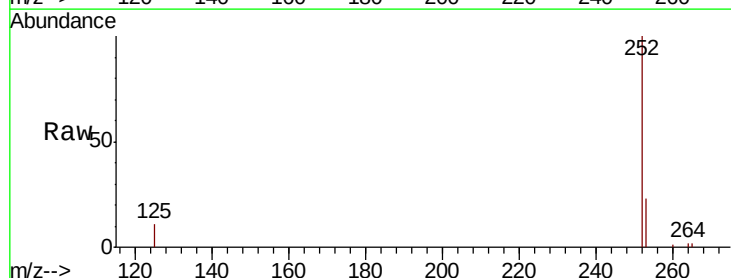
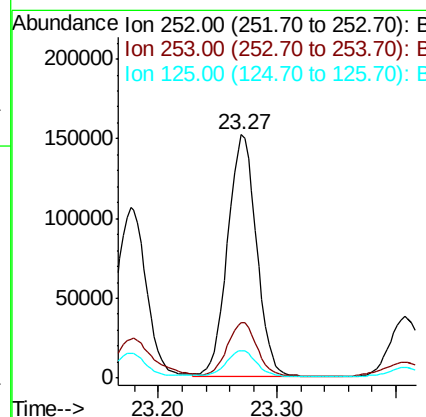
RT: 23.27 min Scan# 5400

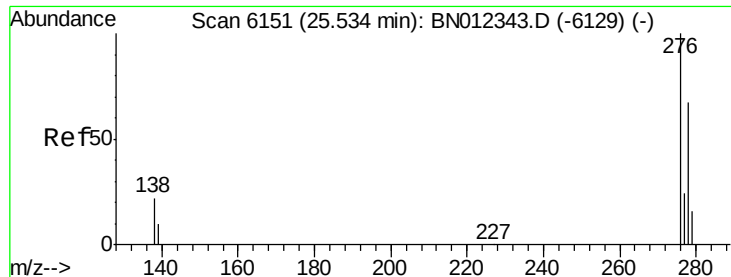
Delta R.T. 0.00 min

Lab File: BN012351.D

Acq: 19 Oct 2020 14:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	23.8	35.6
125	11.5	19.3	28.9





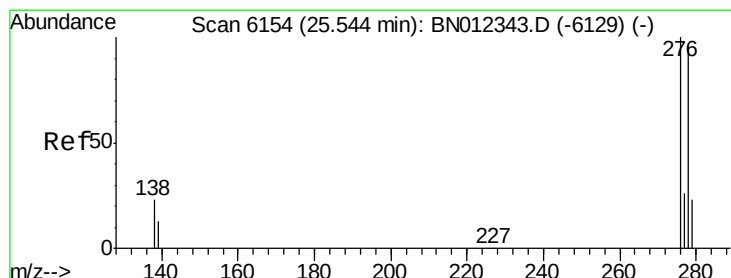
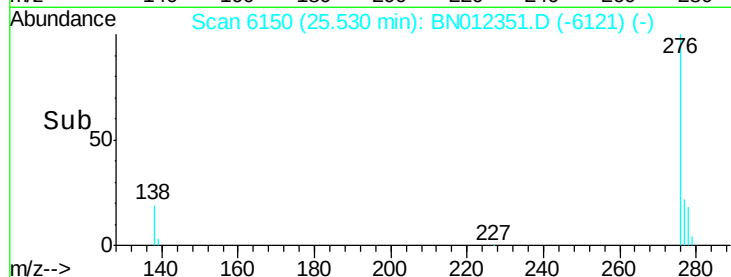
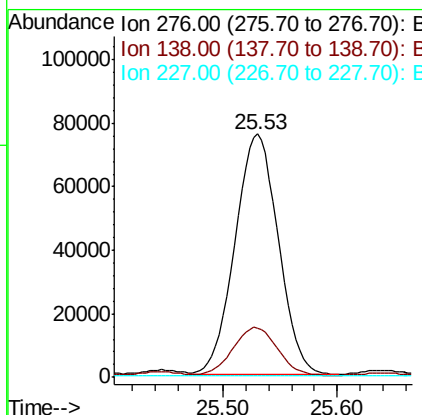
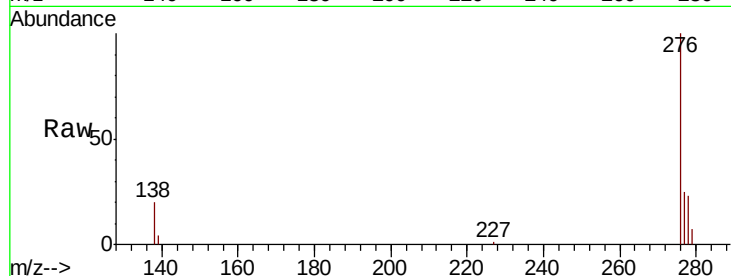
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 7.019 ng/ul
 RT: 25.53 min Scan# 6150
 Delta R.T. -0.00 min
 Lab File: BN012351.D
 Acq: 19 Oct 2020 14:57

Instrument :
 BNA_N
 ClientSampled :
 C0AP7

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.3	17.0	25.6
227	0.2	0.1	0.1#

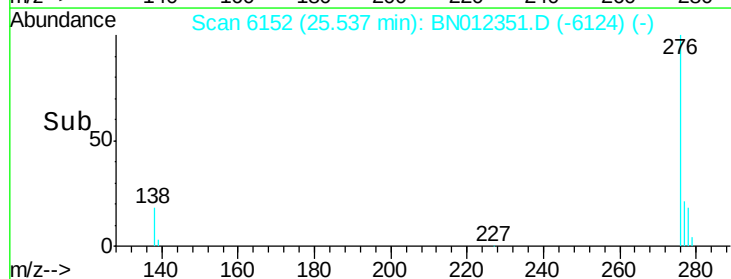
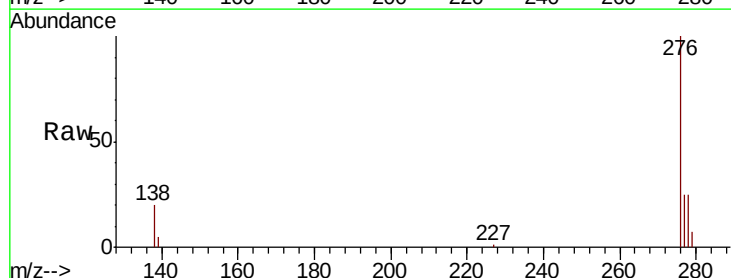
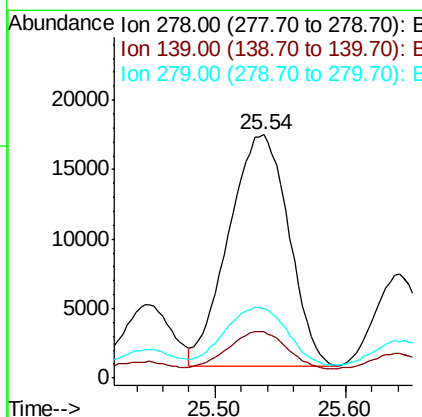
Manual Integrations
 APPROVED

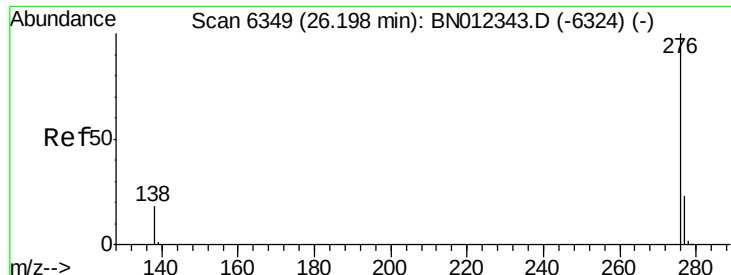
Sohil
 10/20/2020 9:35:50 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 2.342 ng/ul
 RT: 25.54 min Scan# 6152
 Delta R.T. -0.01 min
 Lab File: BN012351.D
 Acq: 19 Oct 2020 14:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.9	13.8	20.8
279	28.7	23.8	35.8





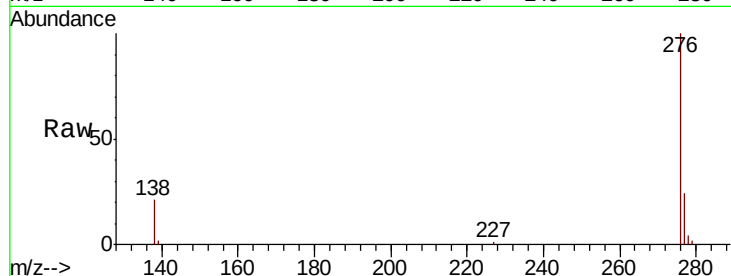
#26
 Benzo(a,h,i)perylene
 Concen: 6.312 ng/ul
 RT: 26.20 min Scan# 6349
 Delta R.T. -0.00 min
 Lab File: BN012351.D
 Acq: 19 Oct 2020 14:57

Instrument :
 BNA_N
 ClientSampleId :
 C0AP7

Tot Ion:	276	Resp:	163318
Ion Ratio	Lower	Upper	
276	100		
138	20.7	16.6	24.8
277	24.4	20.7	31.1

Manual Integrations
 APPROVED

Sohil
 10/20/2020 9:35:50 AM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

