

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012831.D
 Acq On : 02 Dec 2020 22:33
 Operator : CG/JU
 Sample : L4865-03
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B23

Manual Integrations
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mohammad
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Quant Time: Dec 03 01:17:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 03 00:42:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	1080	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	4353	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	2550	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	5530	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	4818	0.40	ng/ul	0.00
20) Perylene-d12	23.15	264	5225	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	645	0.10	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	1647	0.11	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.22	128	1358	0.104	ng/ul	95
5) 2-Methylnaphthalene	11.86	142	951	0.114	ng/ul	97
7) Acenaphthylene	13.79	152	588	0.047	ng/ul#	79
8) Acenaphthene	14.14	153	373	0.036	ng/ul	96
9) Fluorene	15.13	166	364	0.032	ng/ul#	90
12) Phenanthrene	16.87	178	8756	0.455	ng/ul	98
13) Anthracene	16.96	178	1659	0.099	ng/ul	96
15) Fluoranthene	18.90	202	19322	0.870	ng/ul	96
17) Pyrene	19.26	202	18128	0.841	ng/ul	99
18) Benzo(a)anthracene	21.03	228	9206	0.533	ng/ul	100
19) Chrysene	21.08	228	11190	0.519	ng/ul	99
21) Benzo(b)fluoranthene	22.53	252	15226m	0.633	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	5717m	0.206	ng/ul	
23) Benzo(a)pyrene	23.06	252	10167	0.449	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.21	276	7521	0.254	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.22	278	1830	0.077	ng/ul#	76
26) Benzo(a,h,i)perylene	25.85	276	6753	0.254	ng/ul	97

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

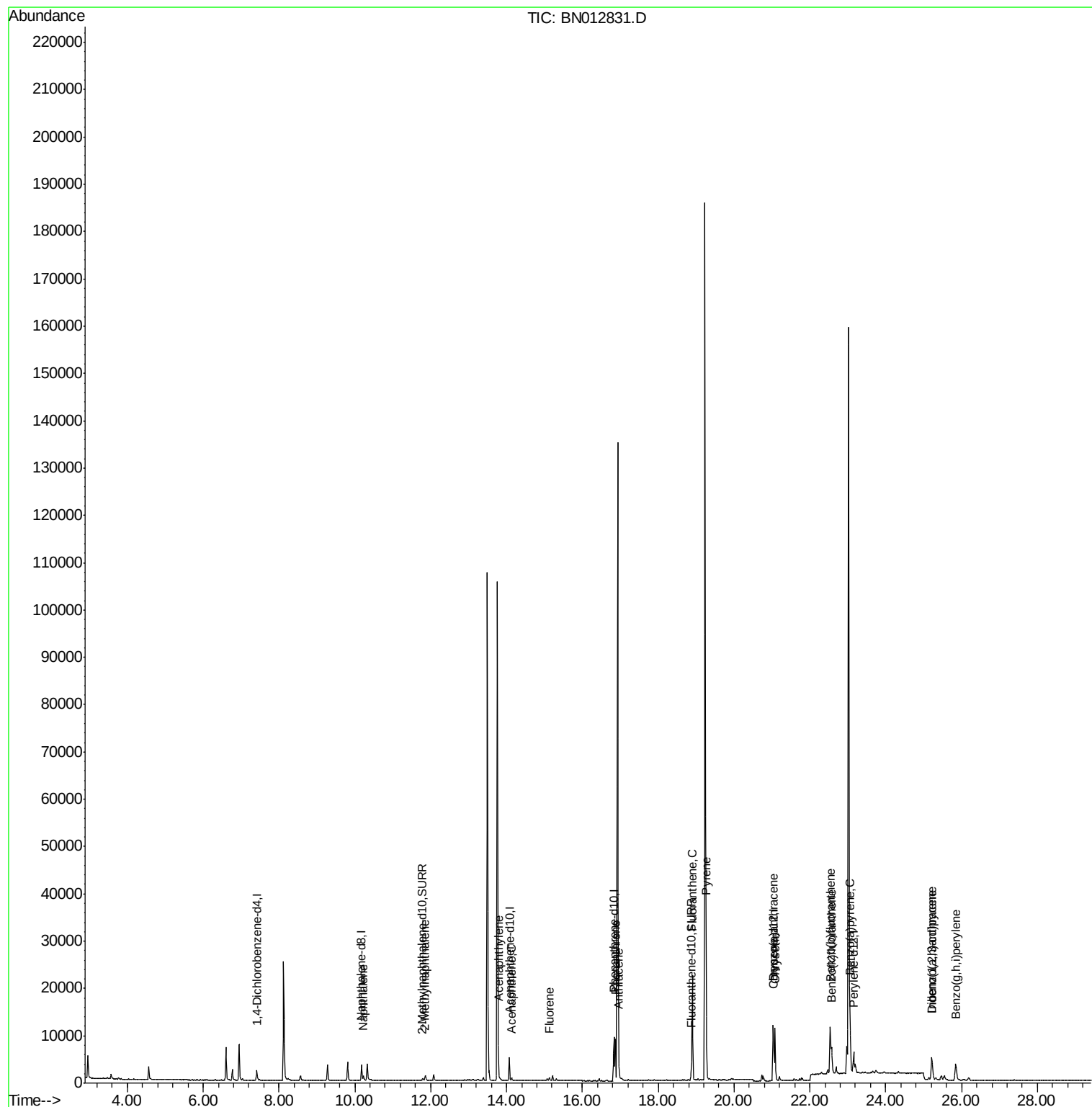
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012831.D
Acq On : 02 Dec 2020 22:33
Operator : CG/JU
Sample : L4865-03
Misc :
ALS Vial : 58 Sample Multiplier: 1

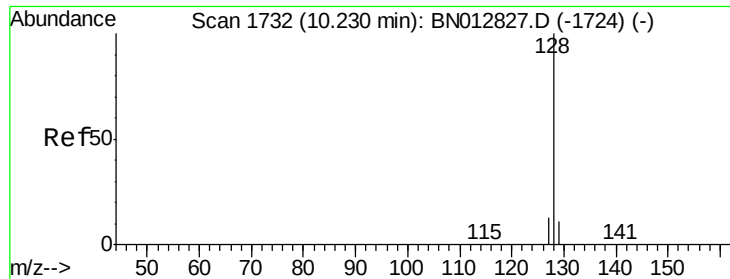
Instrument :
BNA_N
ClientSampleId :
C0B23

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Quant Time: Dec 03 01:17:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 03 00:42:46 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.104 ng/ul

RT: 10.22 min Scan# 1731

Delta R.T. -0.01 min

Lab File: BN012831.D

Acq: 02 Dec 2020 22:33

Instrument :

BNA_N

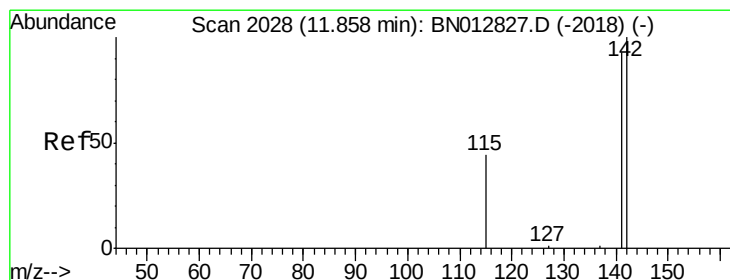
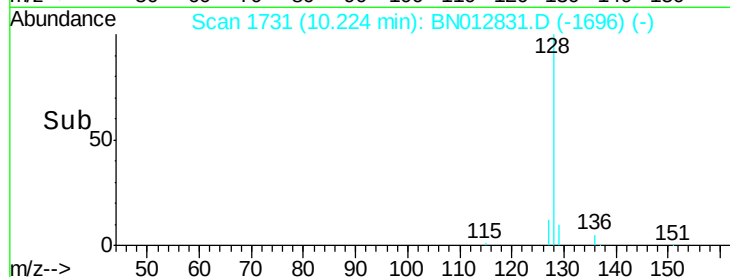
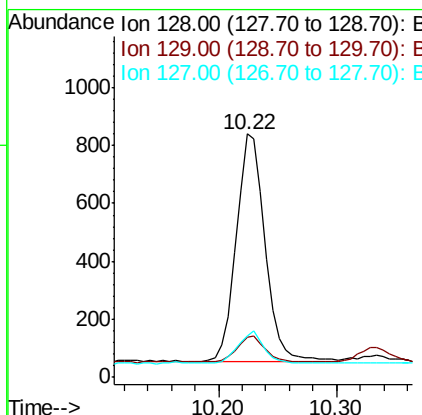
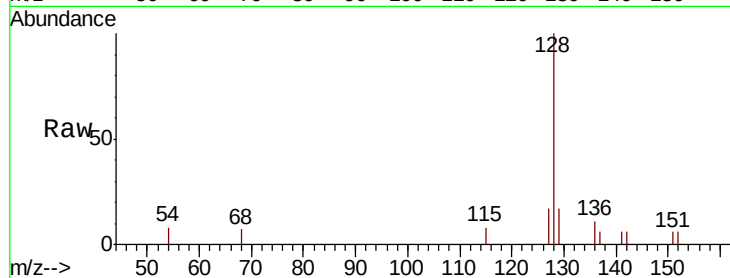
ClientSampleId :

C0B23

Tot Ion:	128	Resp:	1358
Ion Ratio	Lower	Upper	
128	100		
129	16.5	11.2	16.8
127	17.3	12.5	18.7

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#5

2-Methylnaphthalene

Concen: 0.114 ng/ul

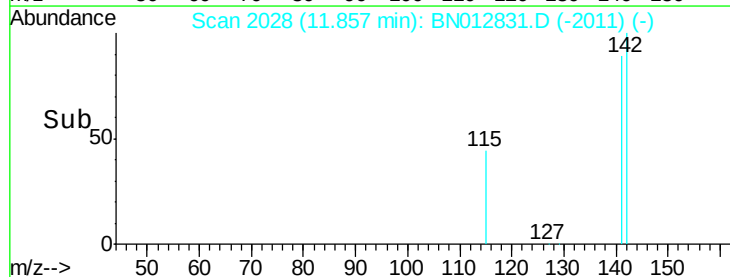
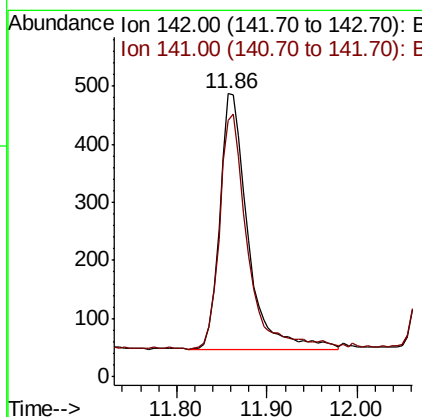
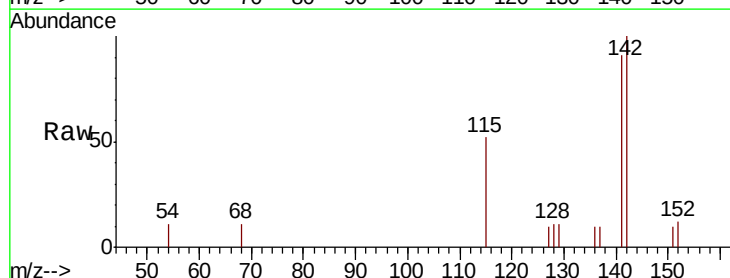
RT: 11.86 min Scan# 2028

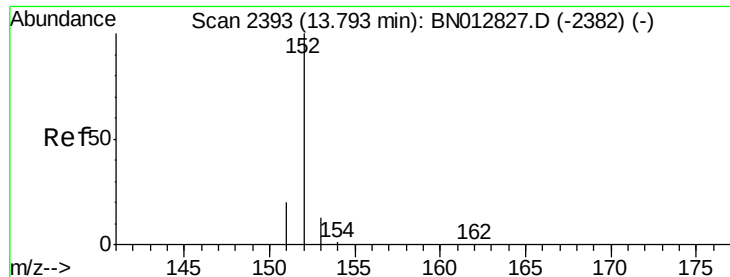
Delta R.T. -0.01 min

Lab File: BN012831.D

Acq: 02 Dec 2020 22:33

Tgt Ion:	142	Resp:	951
Ion Ratio	Lower	Upper	
142	100		
141	93.1	72.3	108.5





#7

Acenaphthylene

Concen: 0.047 ng/ul

RT: 13.79 min Scan# 2393

Delta R.T. -0.00 min

Lab File: BN012831.D

Acq: 02 Dec 2020 22:33

Instrument :

BNA_N

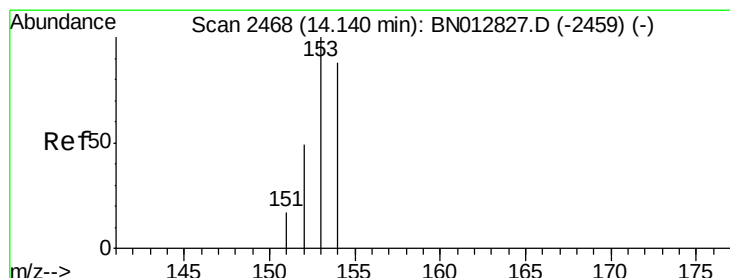
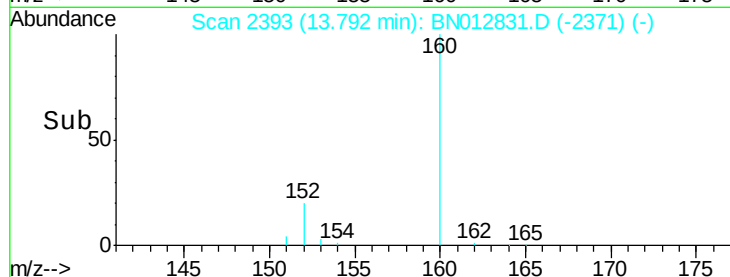
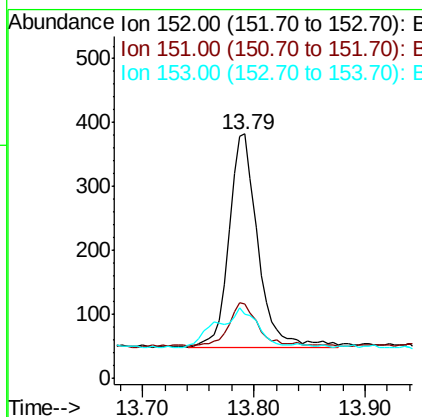
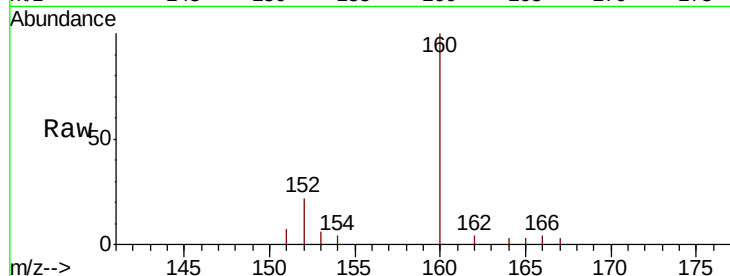
ClientSampleId :

C0B23

Tot Ion:	152	Resp:	588
Ion Ratio	Lower	Upper	
152	100		
151	30.4	17.1	25.7#
153	26.2	12.6	19.0#

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#8

Acenaphthene

Concen: 0.036 ng/ul

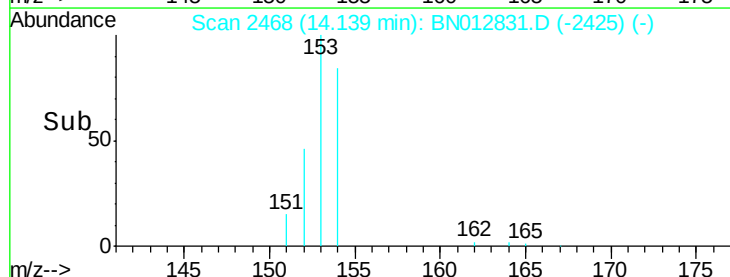
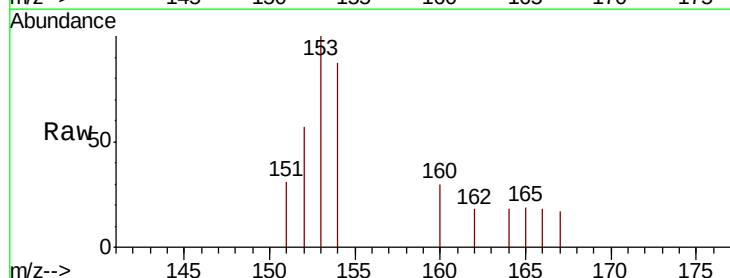
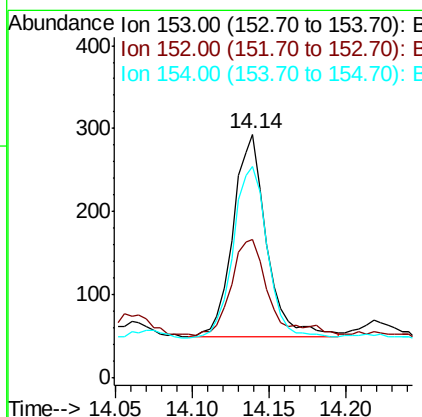
RT: 14.14 min Scan# 2468

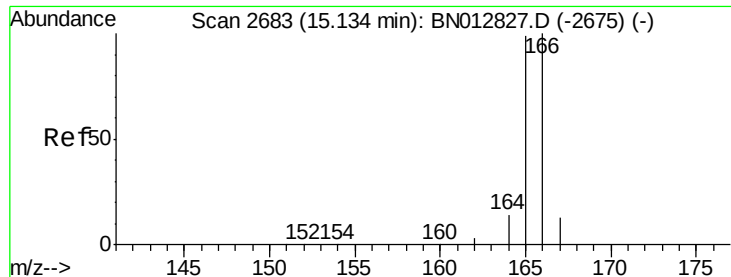
Delta R.T. -0.00 min

Lab File: BN012831.D

Acq: 02 Dec 2020 22:33

Tgt Ion:	153	Resp:	373
Ion Ratio	Lower	Upper	
153	100		
152	56.7	41.4	62.0
154	87.0	70.9	106.3





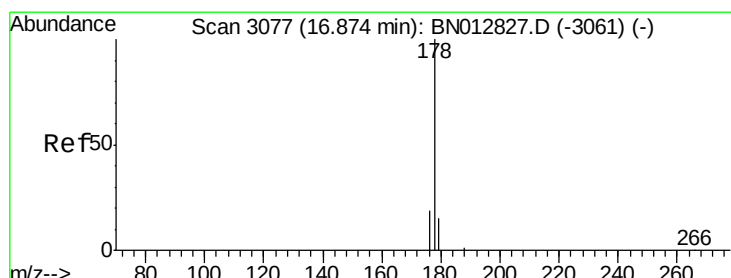
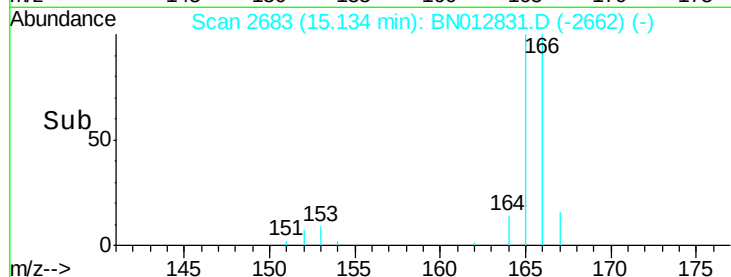
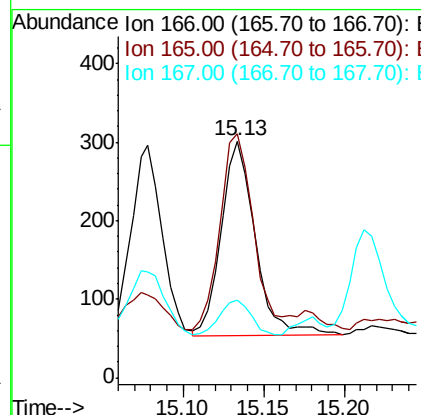
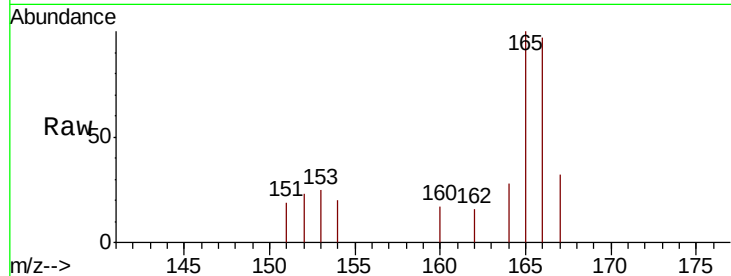
#9
Fluorene
 Concen: 0.032 ng/ul
 RT: 15.13 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: BN012831.D
 Acq: 02 Dec 2020 22:33

Instrument :
 BNA_N
 ClientSampleId :
 C0B23

Tot Ion	Ratio	Lower	Upper
166	100		
165	103.0	78.5	117.7
167	32.5	12.7	19.1

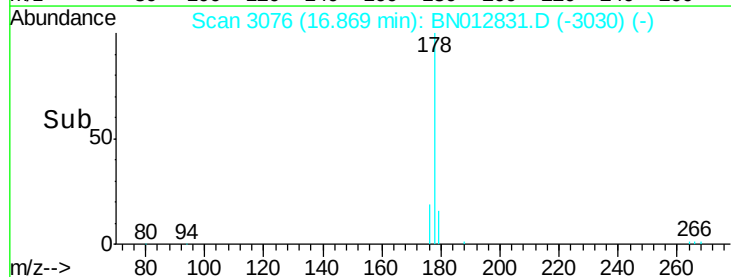
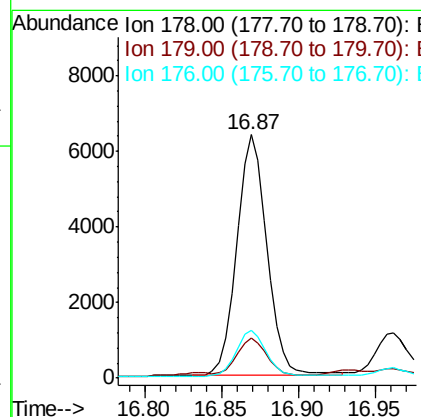
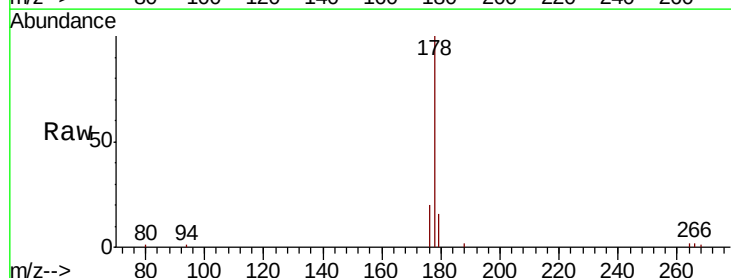
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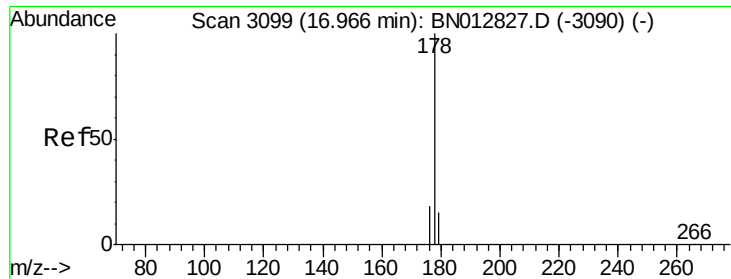
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#12
Phenanthrene
 Concen: 0.455 ng/ul
 RT: 16.87 min Scan# 3076
 Delta R.T. -0.00 min
 Lab File: BN012831.D
 Acq: 02 Dec 2020 22:33

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.8	20.6
176	19.7	16.7	25.1





#13

Anthracene

Concen: 0.099 ng/ul

RT: 16.96 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BN012831.D

Acq: 02 Dec 2020 22:33

Instrument :

BNA_N

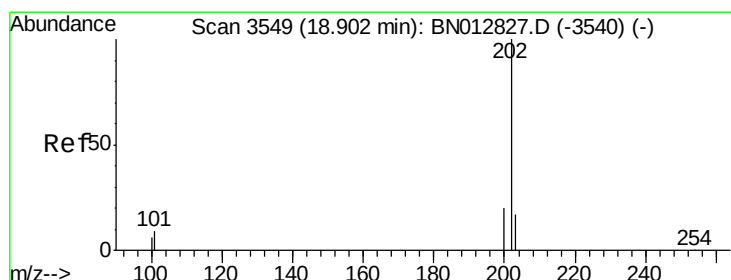
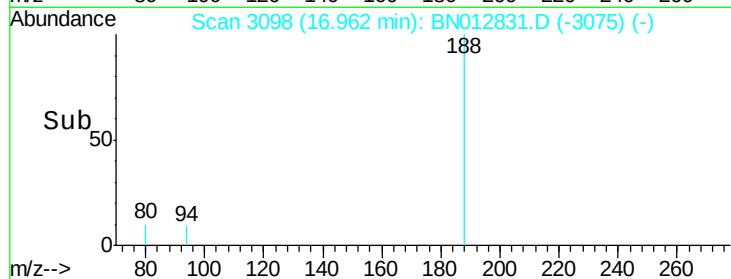
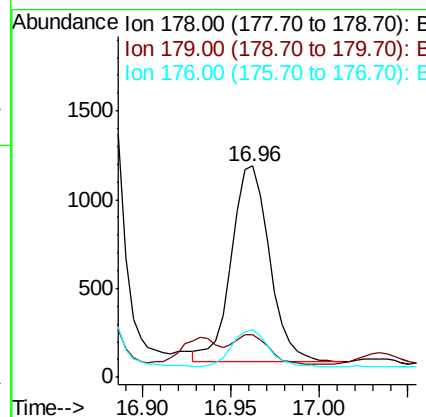
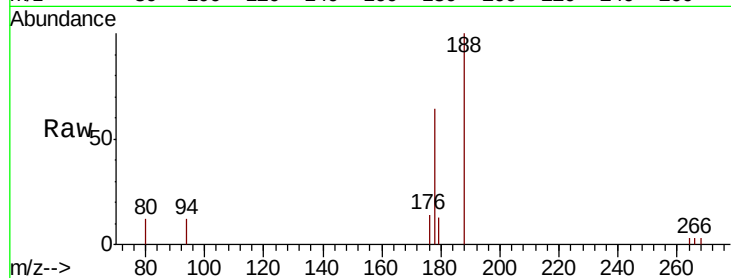
ClientSampleId :

C0B23

Tot Ion:	178	Resp:	1659
Ion	Ratio	Lower	Upper
178	100		
179	20.0	14.8	22.2
176	22.4	16.3	24.5

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#15

Fluoranthene

Concen: 0.870 ng/ul

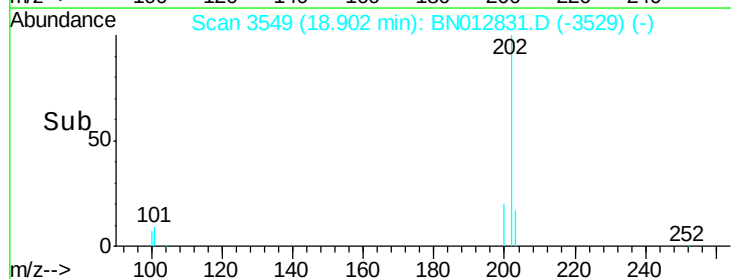
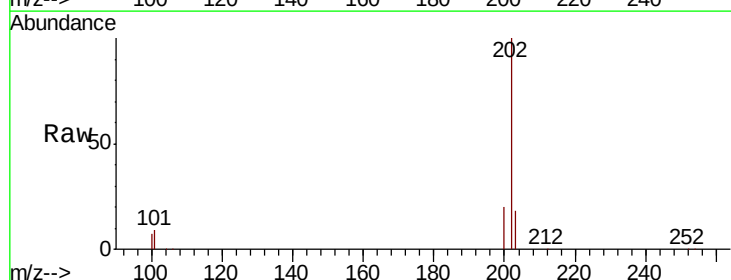
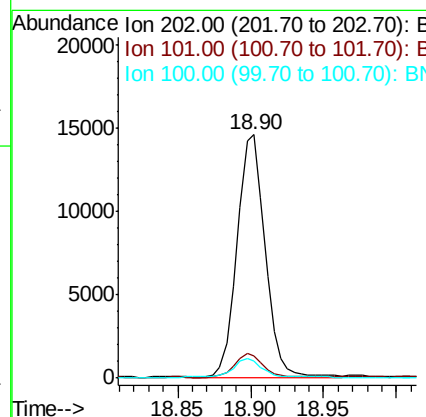
RT: 18.90 min Scan# 3549

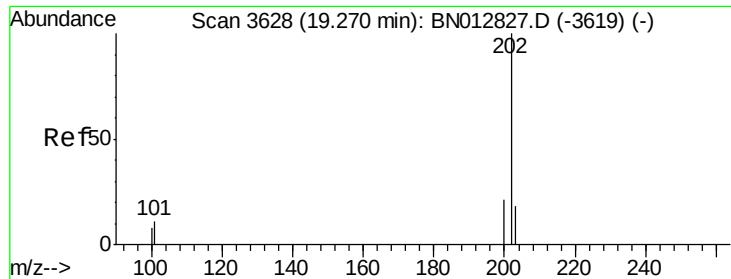
Delta R.T. -0.00 min

Lab File: BN012831.D

Acq: 02 Dec 2020 22:33

Tgt Ion:	202	Resp:	19322
Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	30.5
100	7.1	0.0	28.4





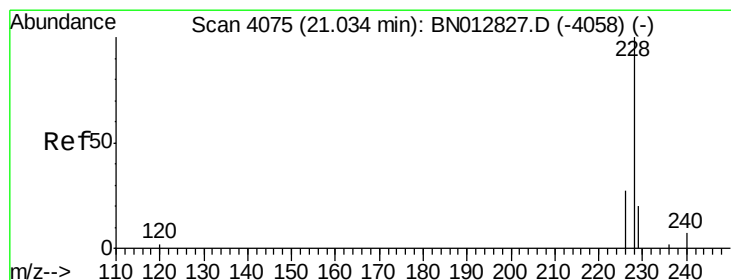
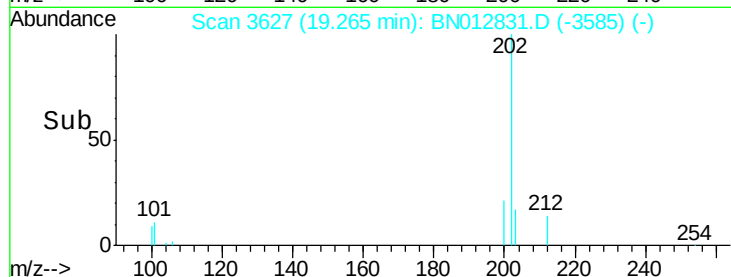
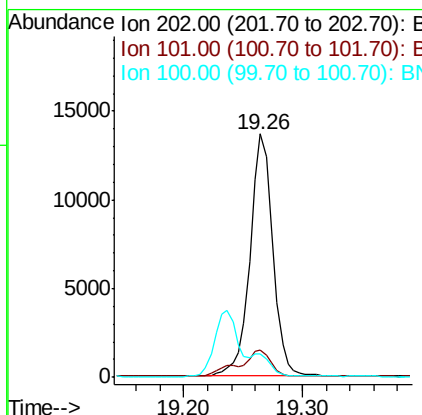
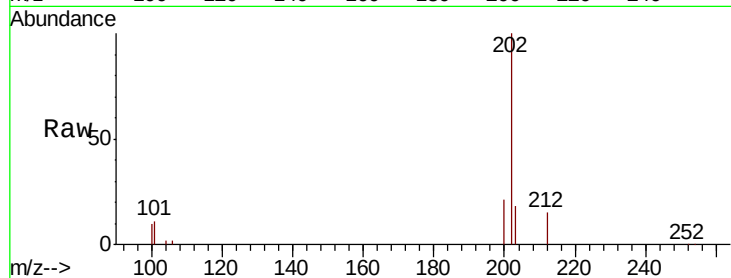
#17
 Pvrene
 Concen: 0.841 ng/ul
 RT: 19.26 min Scan# 3627
 Delta R.T. -0.00 min
 Lab File: BN012831.D
 Acq: 02 Dec 2020 22:33

Instrument :
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 ClientSampleId :
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Tot Ion:	202	Resp:	18128
Ion Ratio	Lower	Upper	
202	100		
101	11.4	8.9	13.3
100	9.6	7.4	11.2

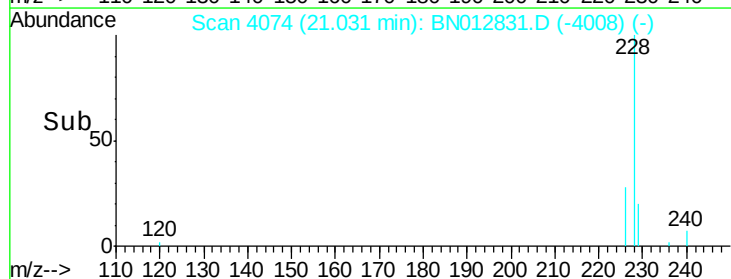
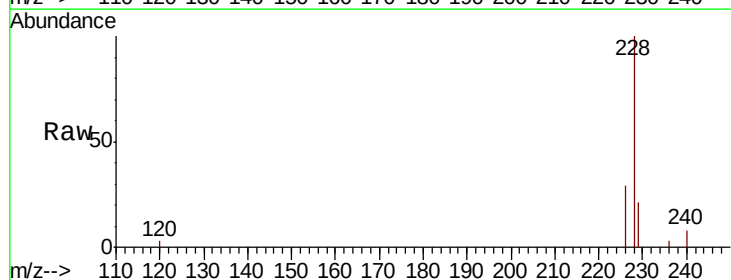
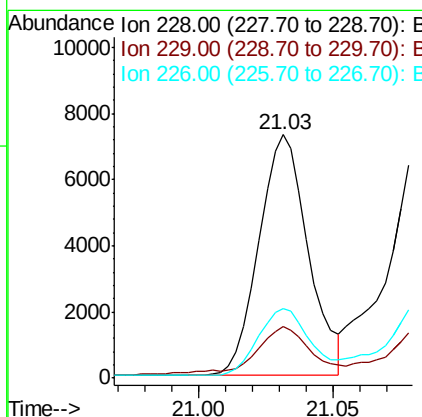
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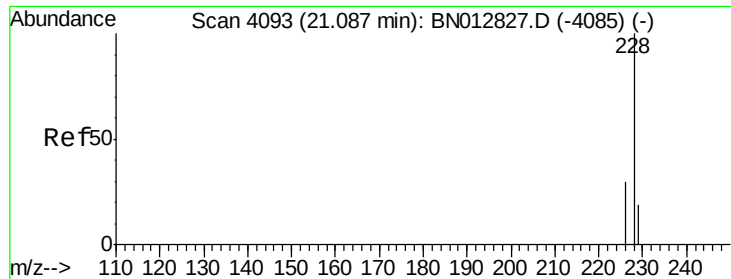
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#18
 Benzo(a)anthracene
 Concen: 0.533 ng/ul
 RT: 21.03 min Scan# 4074
 Delta R.T. -0.01 min
 Lab File: BN012831.D
 Acq: 02 Dec 2020 22:33

Tgt Ion:	228	Resp:	9206
Ion Ratio	Lower	Upper	
228	100		
229	21.1	16.9	25.3
226	28.6	23.1	34.7





#19

Chrysene

Concen: 0.519 ng/ul

RT: 21.08 min Scan# 4092

Delta R.T. -0.00 min

Lab File: BN012831.D

Acq: 02 Dec 2020 22:33

Instrument :

BNA_N

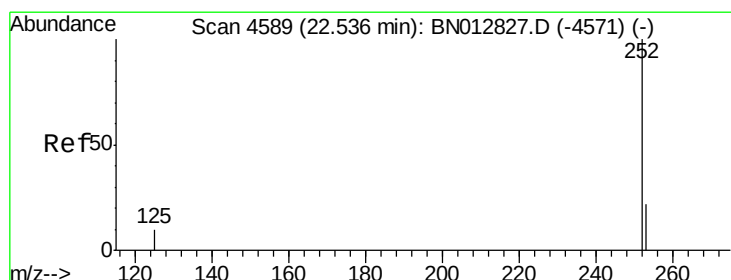
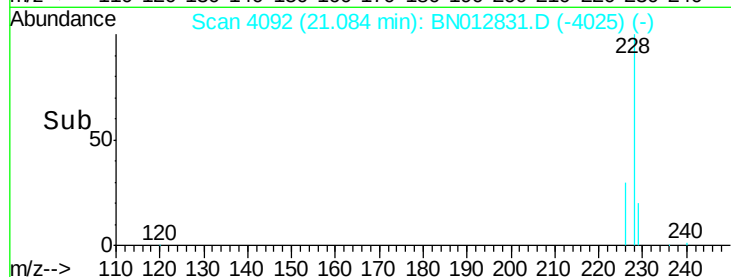
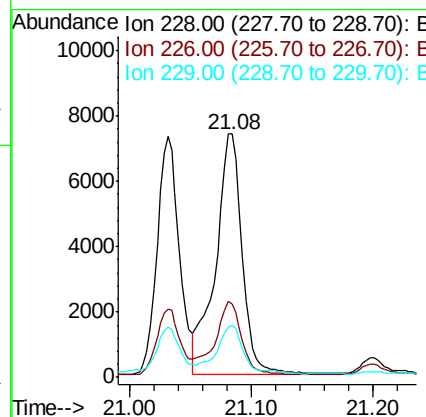
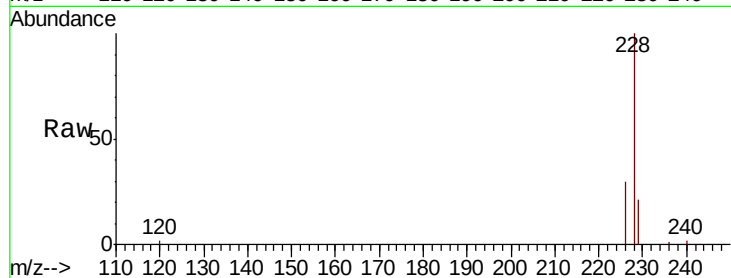
ClientSampleId :

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Tot Ion:228	Resp:	11190
Ion Ratio	Lower	Upper
228 100		
226 30.3	24.4	36.6
229 21.0	16.1	24.1

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#21

Benzo(b)fluoranthene

Concen: 0.633 ng/ul m

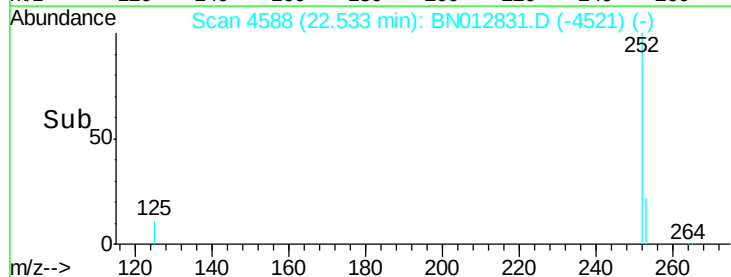
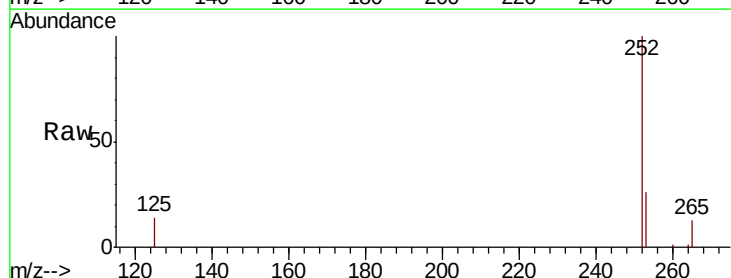
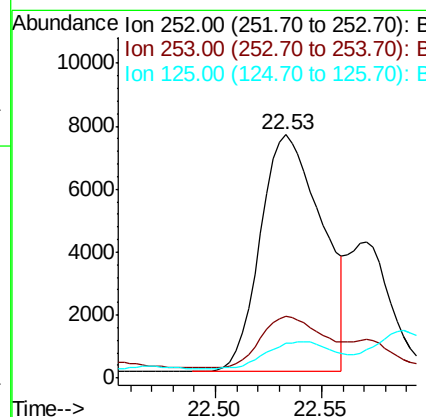
RT: 22.53 min Scan# 4588

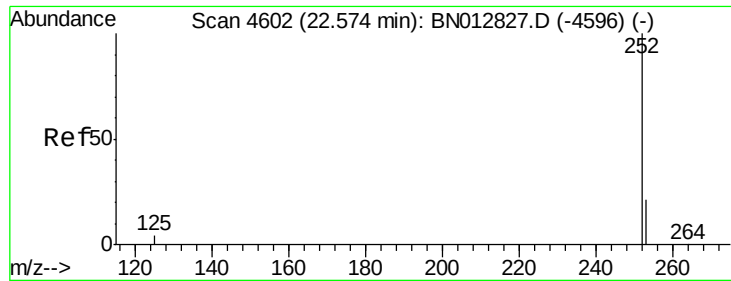
Delta R.T. -0.00 min

Lab File: BN012831.D

Acq: 02 Dec 2020 22:33

Tgt Ion:252	Resp:	15226
Ion Ratio	Lower	Upper
252 100		
253 25.6	0.0	58.4
125 14.2	0.0	28.6





#22

Benzo(k)fluoranthene

Concen: 0.206 ng/ul m

RT: 22.57 min Scan# 4601

Delta R.T. -0.01 min

Lab File: BN012831.D

Acq: 02 Dec 2020 22:33

Instrument :

BNA_N

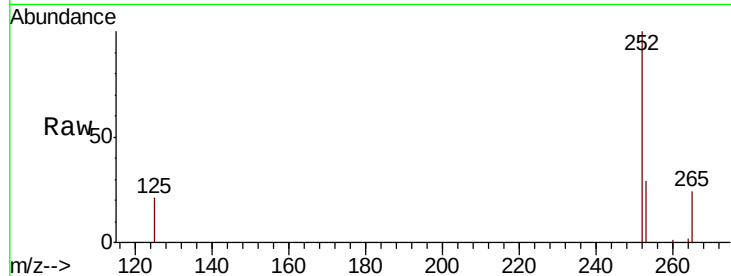
ClientSampleId :

C0B23

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.1	23.4	35.2
125	20.7	10.2	15.2#

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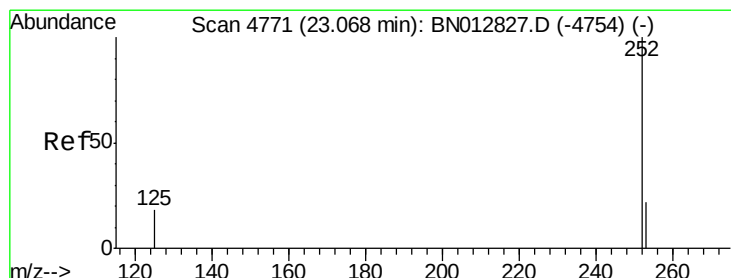
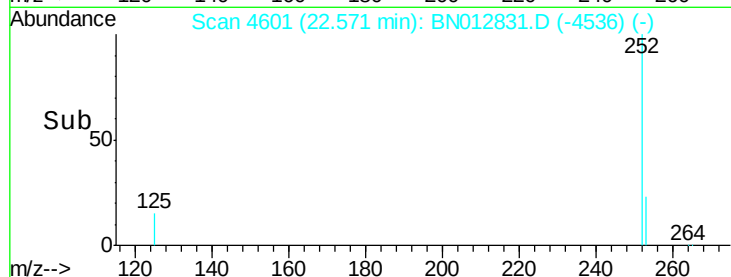
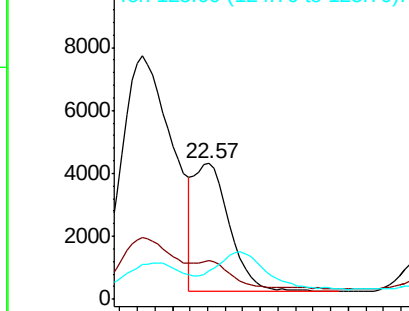


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.449 ng/ul

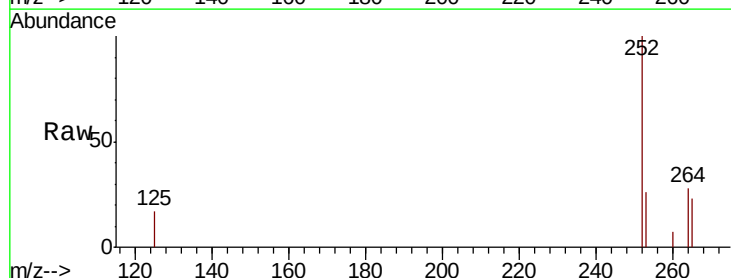
RT: 23.06 min Scan# 4768

Delta R.T. -0.01 min

Lab File: BN012831.D

Acq: 02 Dec 2020 22:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	27.6	41.4#
125	17.4	17.0	25.4

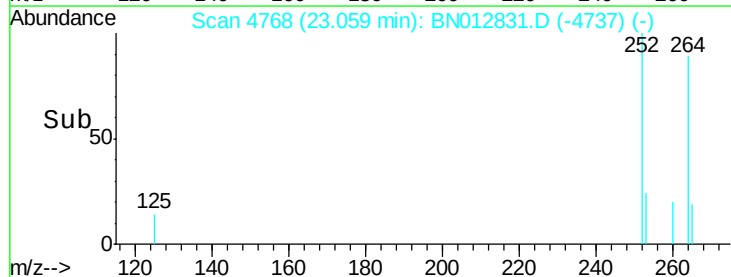
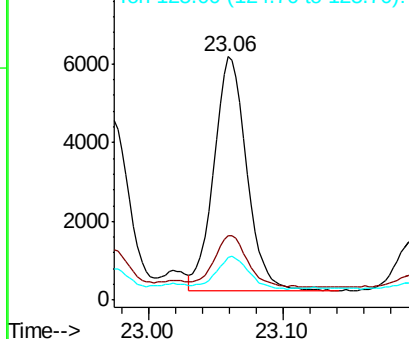


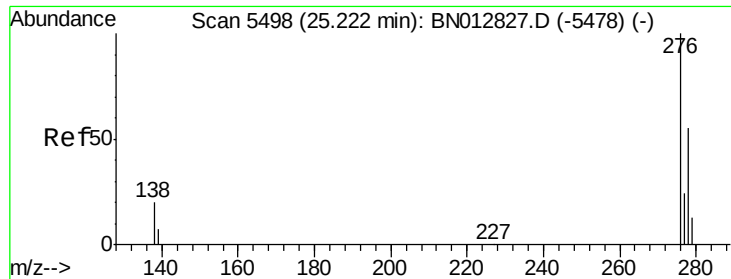
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





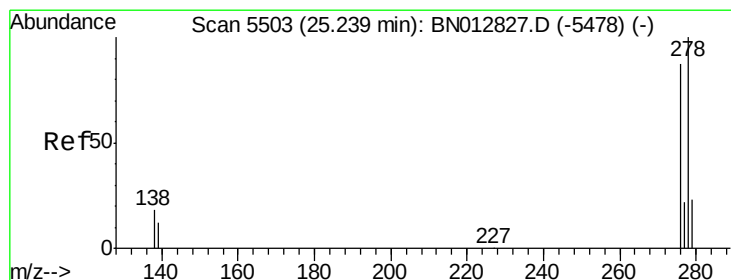
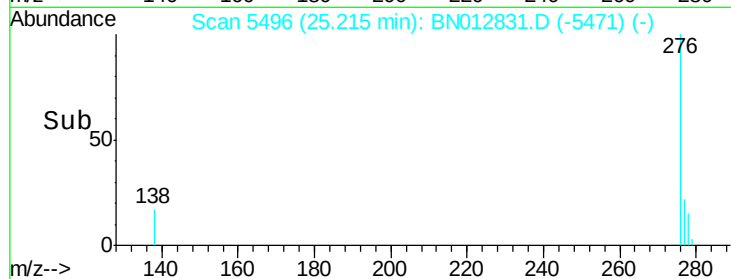
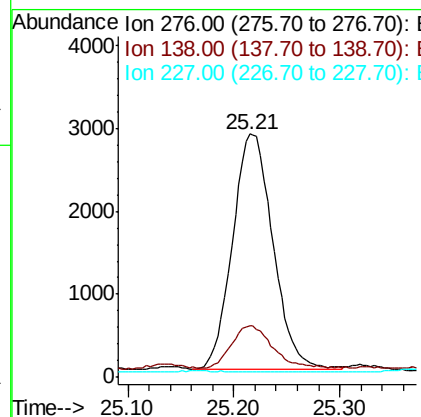
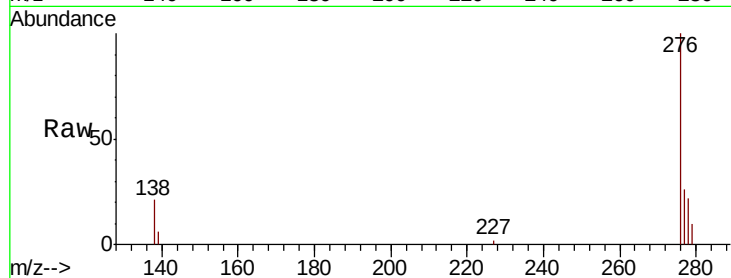
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.254 ng/ul
 RT: 25.21 min Scan# 5496
 Delta R.T. -0.02 min
 Lab File: BN012831.D
 Acq: 02 Dec 2020 22:33

Instrument :
 BNA_N
 ClientSampleId :
 C0B23

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.7	16.5	24.7
227	0.0	0.1	0.1#

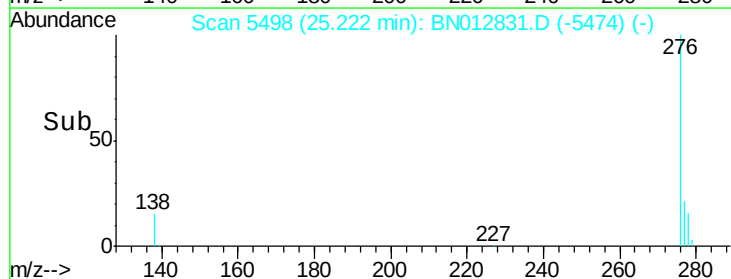
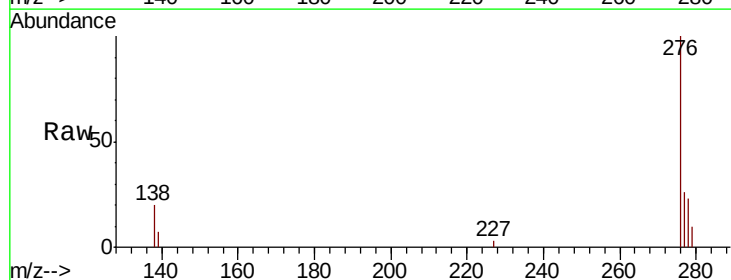
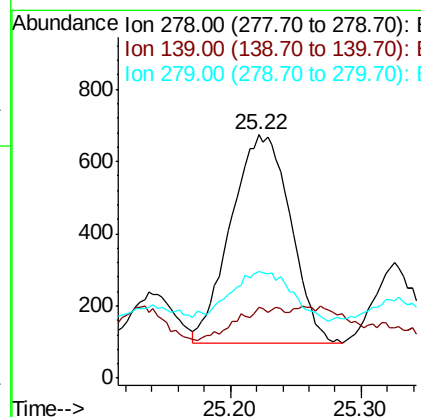
Manual Integrations
 APPROVED

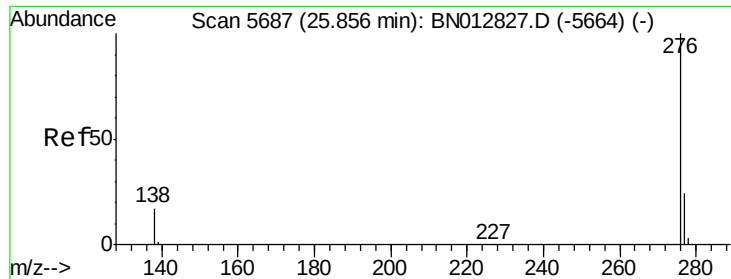
mohammad
 12/3/2020 3:43:50 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.077 ng/ul
 RT: 25.22 min Scan# 5498
 Delta R.T. -0.02 min
 Lab File: BN012831.D
 Acq: 02 Dec 2020 22:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.1	13.8	20.8#
279	44.1	25.6	38.4#





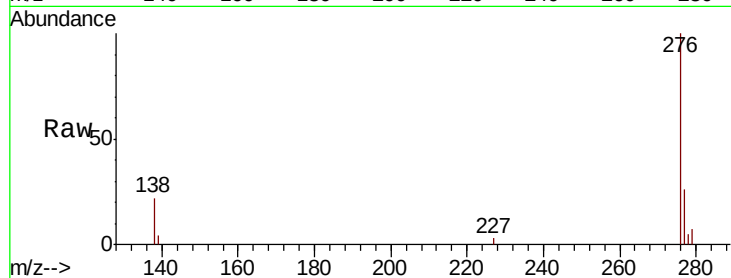
#26
 Benzo(a,h,i)perylene
 Concen: 0.254 ng/ul
 RT: 25.85 min Scan# 5685
 Delta R.T. -0.01 min
 Lab File: BN012831.D
 Acq: 02 Dec 2020 22:33

Instrument :
 BNA_N
 ClientSampleId :
 C0B23

Tot Ion:	276	Resp:	6753
Ion Ratio	Lower	Upper	
276	100		
138	22.3	16.3	24.5
277	26.0	21.8	32.8

Manual Integrations
 APPROVED

mohammad
 12/3/2020 3:43:50 PM



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

