

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012834.D
 Acq On : 03 Dec 2020 00:21
 Operator : CG/JU
 Sample : L4865-06
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B88

Manual Integrations
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Quant Time: Dec 03 02:23:23 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	7.41	152	1164	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	4893	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	2811	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	6055	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	5194	0.40	ng/ul	0.00
20) Perylene-d12	23.15	264	5089	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.78	152	931	0.13	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	2242	0.14	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.22	128	1027	0.070	ng/ul#	90
5) 2-Methylnaphthalene	11.86	142	485	0.052	ng/ul	96
7) Acenaphthylene	13.79	152	1305	0.095	ng/ul	95
8) Acenaphthene	14.13	153	381	0.033	ng/ul	96
9) Fluorene	15.13	166	434	0.034	ng/ul#	94
12) Phenanthrene	16.87	178	27637	1.312	ng/ul	96
13) Anthracene	16.96	178	2879	0.157	ng/ul	98
15) Fluoranthene	18.90	202	100597	4.136	ng/ul	99
17) Pyrene	19.26	202	87386	3.761	ng/ul	99
18) Benzo(a)anthracene	21.03	228	37043	1.990	ng/ul	98
19) Chrysene	21.08	228	47121	2.027	ng/ul	98
21) Benzo(b)fluoranthene	22.53	252	59417m	2.538	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	20370m	0.755	ng/ul	
23) Benzo(a)pyrene	23.06	252	37038m	1.681	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.21	276	26980	0.936	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.22	278	6760	0.292	ng/ul	97
26) Benzo(a,h,i)perylene	25.85	276	24028	0.927	ng/ul	97

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

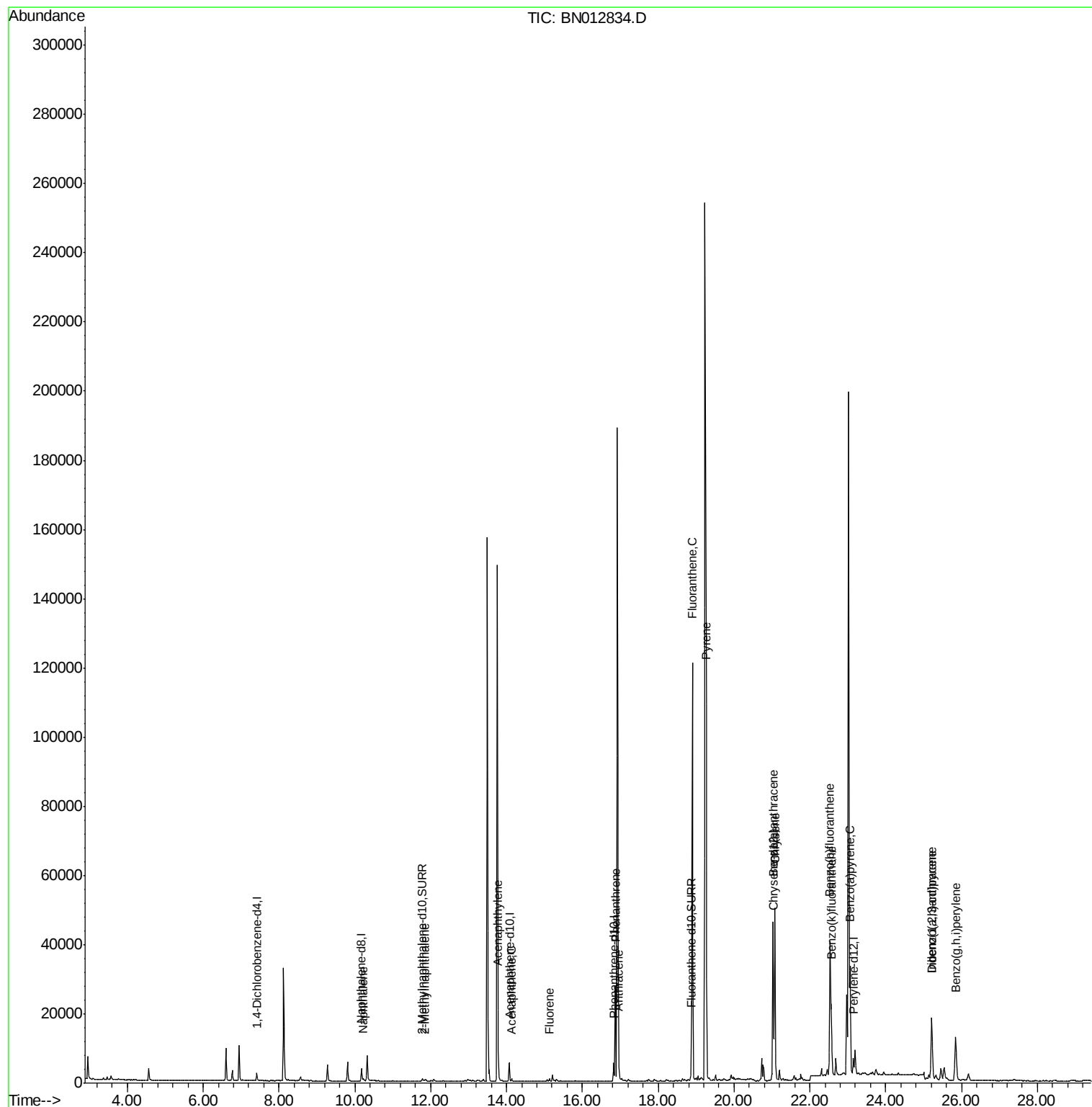
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012834.D
Acq On : 03 Dec 2020 00:21
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Sample : L4865-06
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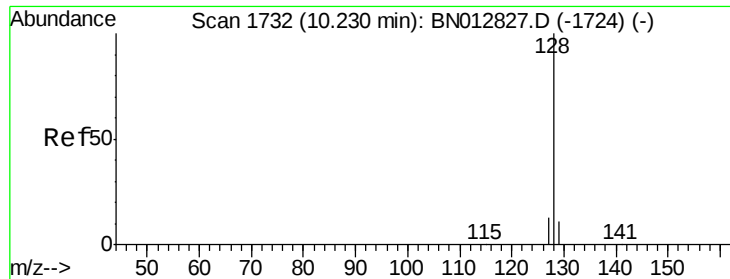
Instrument :
BNA_N
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Quant Time: Dec 03 02:23:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 03 00:42:46 2020
Response via : Initial Calibration





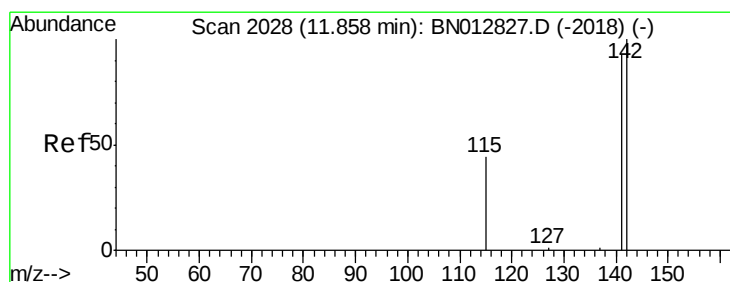
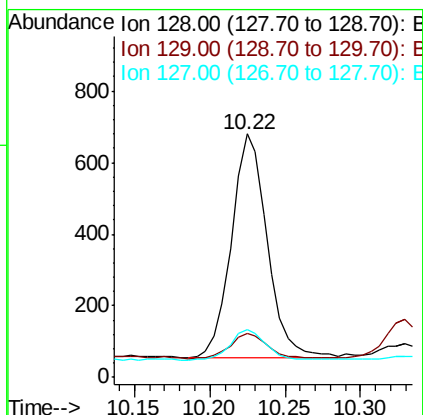
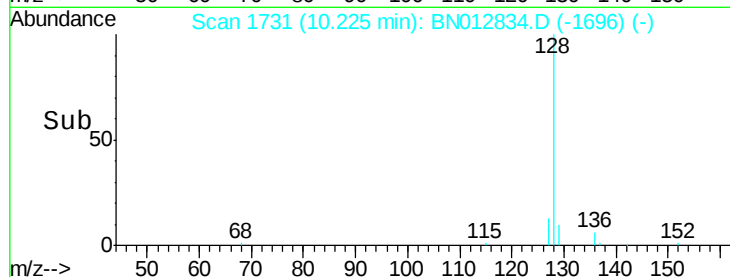
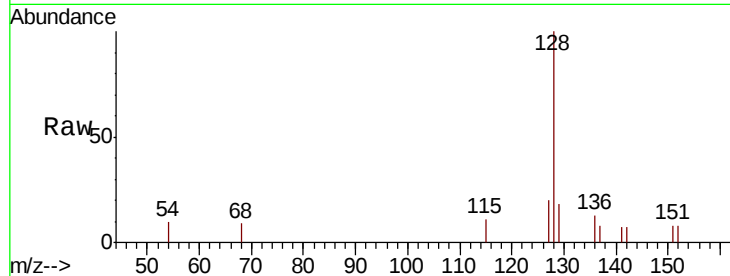
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Naphthalene
Concen: 0.070 ng/ul
RT: 10.22 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BN012834.D
Acq: 03 Dec 2020 00:21

Instrument :
BNA_N
ClientSampleId :
C0B88

Tot Ion	Ratio	Lower	Upper
128	100		
129	18.1	11.2	16.8#
127	19.6	12.5	18.7#

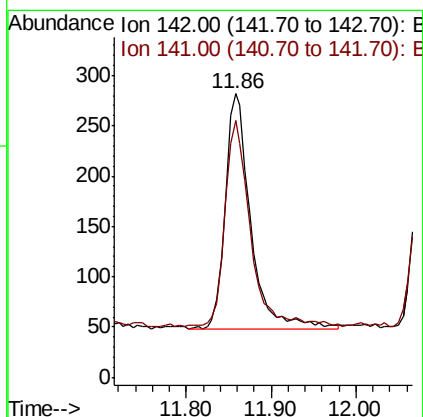
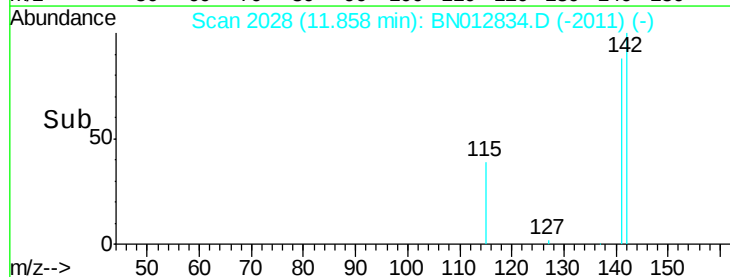
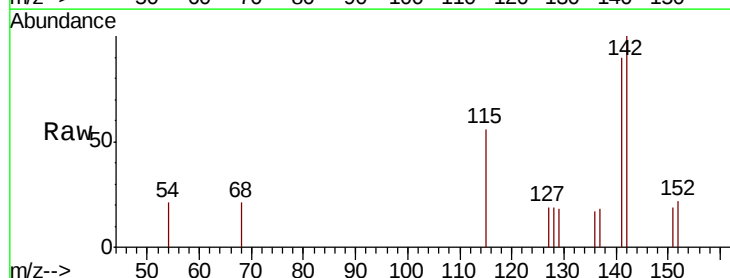
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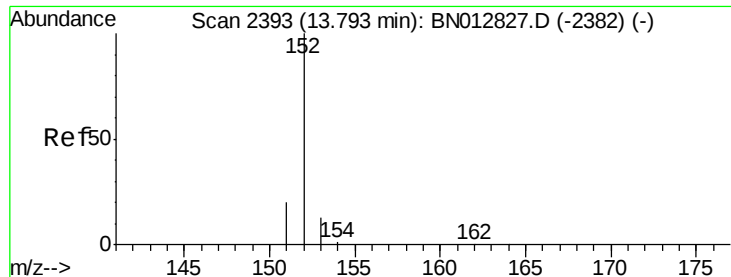
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#5
2-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 11.86 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BN012834.D
Acq: 03 Dec 2020 00:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.6	72.3	108.5





#7

Acenaphthylene

Concen: 0.095 ng/ul

RT: 13.79 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BN012834.D

Acq: 03 Dec 2020 00:21

Instrument :

BNA_N

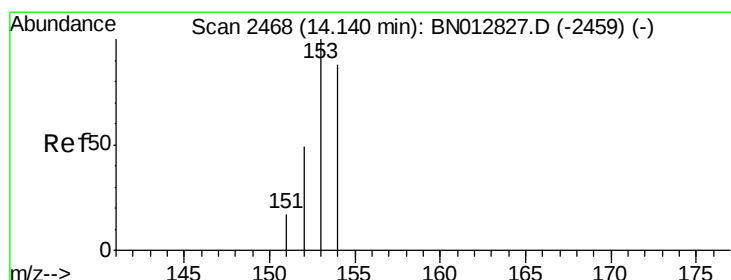
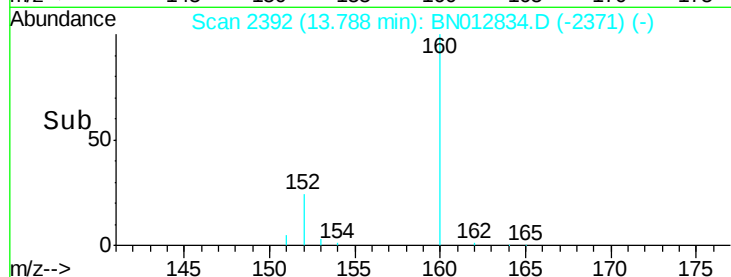
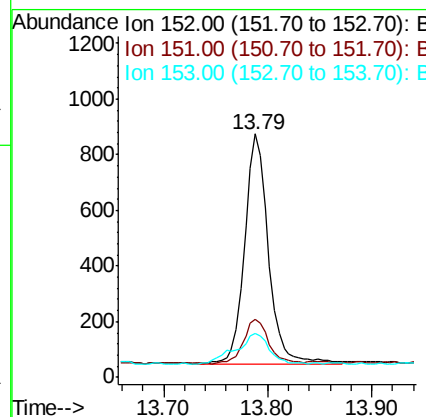
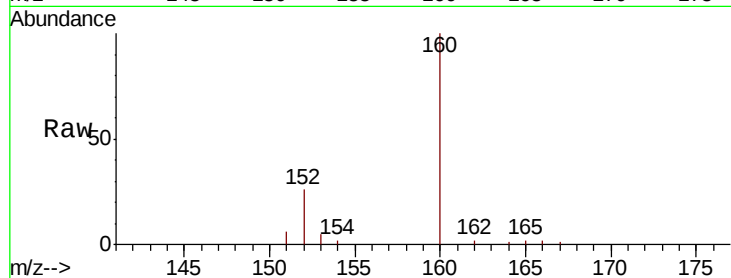
ClientSampleId :

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Tot Ion:	152	Resp:	1305
Ion Ratio	Lower	Upper	
152	100		
151	23.8	17.1	25.7
153	17.9	12.6	19.0

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#8

Acenaphthene

Concen: 0.033 ng/ul

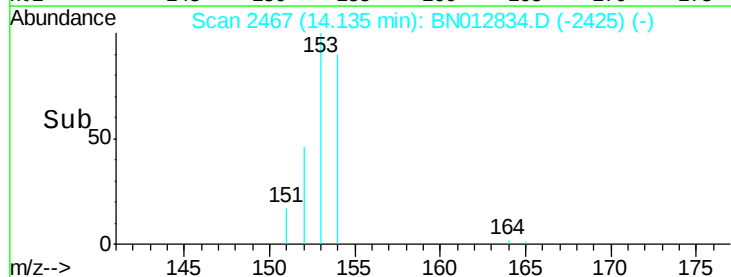
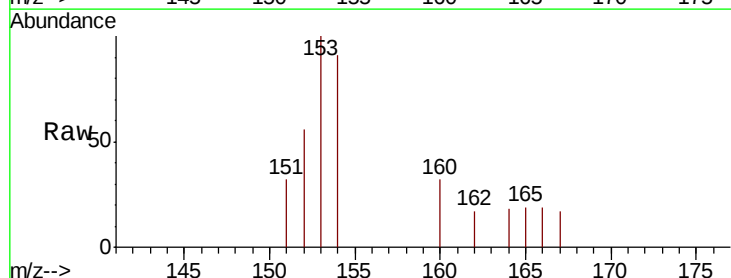
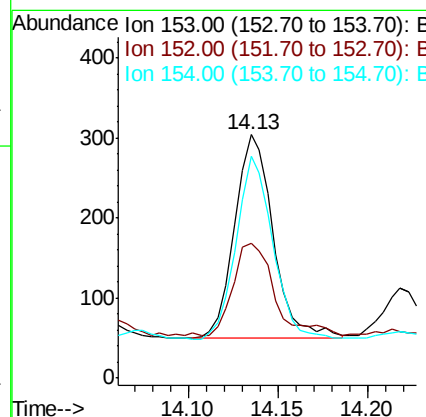
RT: 14.13 min Scan# 2467

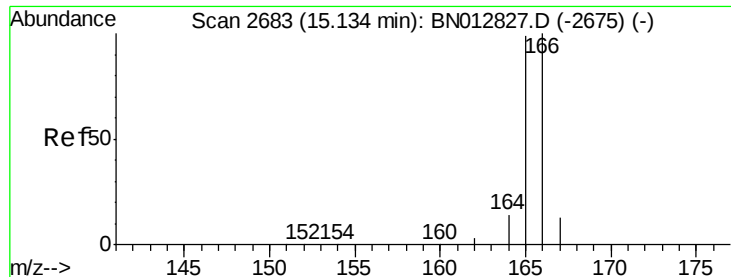
Delta R.T. -0.00 min

Lab File: BN012834.D

Acq: 03 Dec 2020 00:21

Tgt Ion:	153	Resp:	381
Ion Ratio	Lower	Upper	
153	100		
152	55.6	41.4	62.0
154	91.1	70.9	106.3





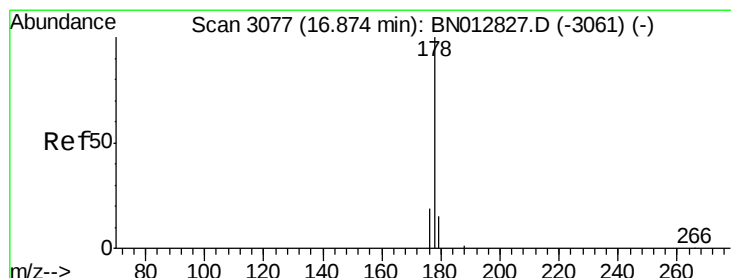
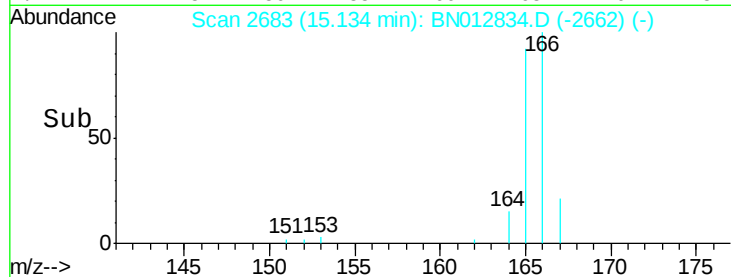
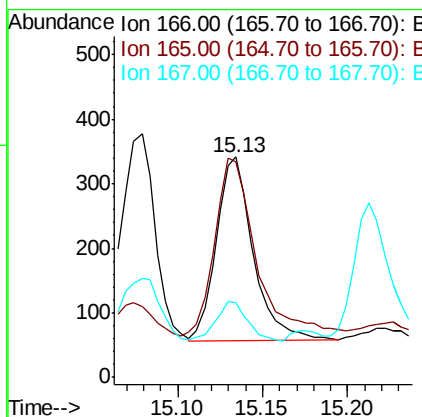
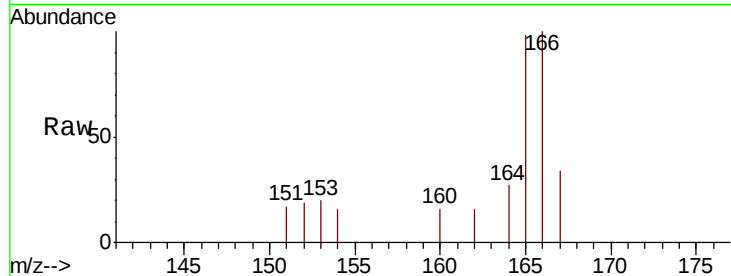
#9
Fluorene
 Concen: 0.034 ng/ul
 RT: 15.13 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: BN012834.D
 Acq: 03 Dec 2020 00:21

Instrument :
 BNA_N
 ClientSampleId :
 C0B88

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.5	117.7
167	34.0	12.7	19.1

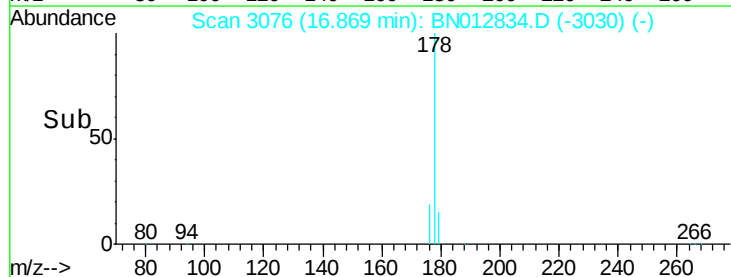
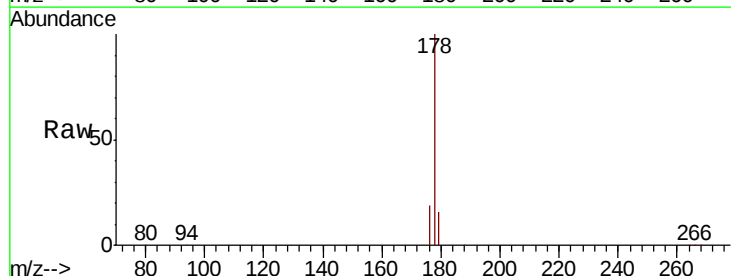
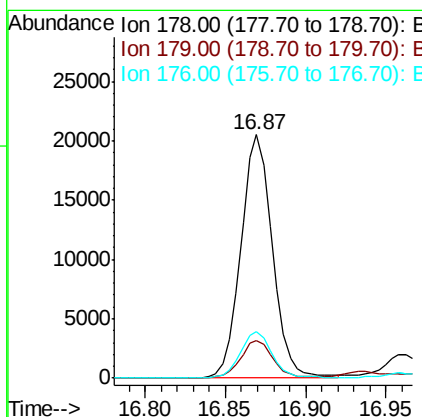
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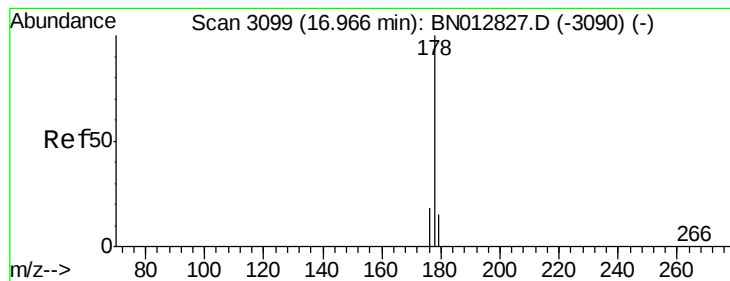
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#12
Phenanthrene
 Concen: 1.312 ng/ul
 RT: 16.87 min Scan# 3076
 Delta R.T. -0.00 min
 Lab File: BN012834.D
 Acq: 03 Dec 2020 00:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.8	20.6
176	19.1	16.7	25.1





#13

Anthracene

Concen: 0.157 ng/ul

RT: 16.96 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BN012834.D

Acq: 03 Dec 2020 00:21

Instrument :

BNA_N

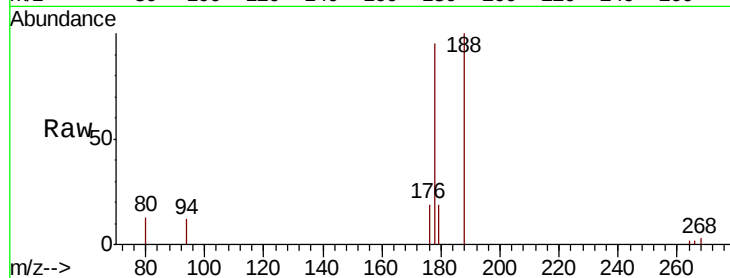
ClientSampleId :

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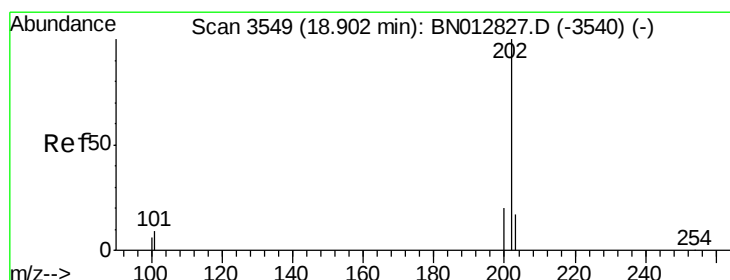
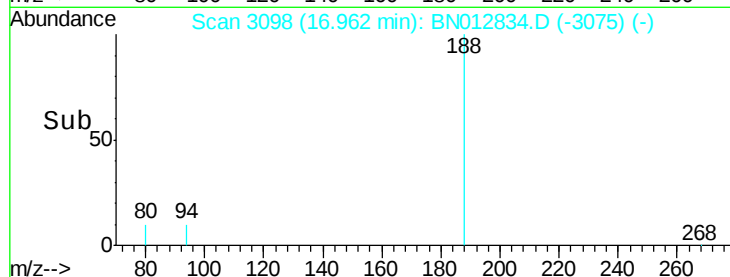
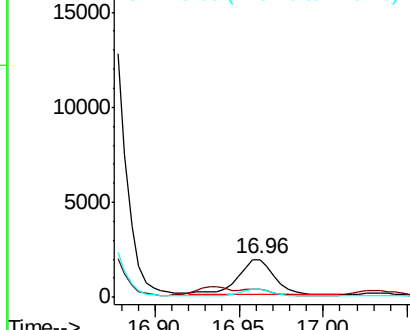
Tot Ion:	178	Resp:	2879
Ion Ratio	Lower	Upper	
178	100		
179	19.9	14.8	22.2
176	20.3	16.3	24.5

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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: 4.136 ng/ul

RT: 18.90 min Scan# 3548

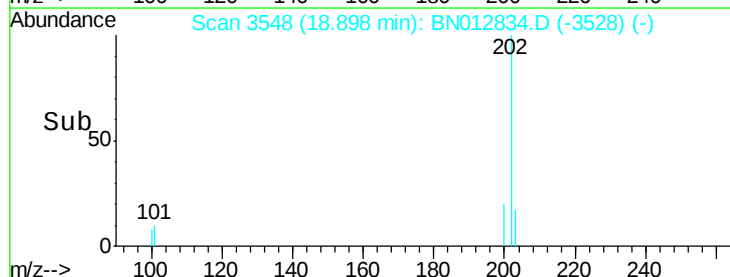
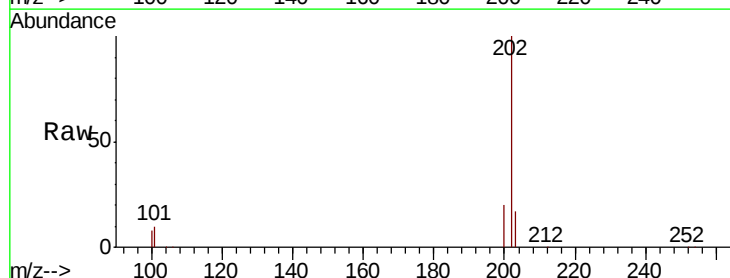
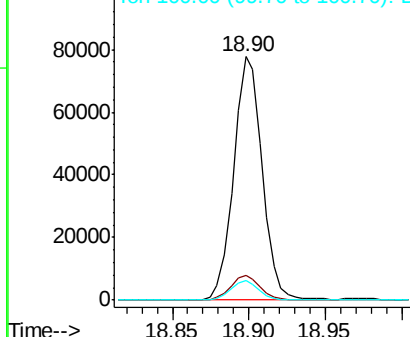
Delta R.T. -0.01 min

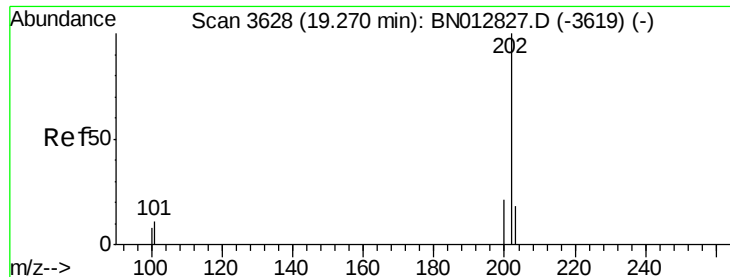
Lab File: BN012834.D

Acq: 03 Dec 2020 00:21

Tgt Ion:	202	Resp:	100597
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	30.5
100	7.9	0.0	28.4

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: 3.761 ng/ul

RT: 19.26 min Scan# 3627

Delta R.T. -0.00 min

Lab File: BN012834.D

Acq: 03 Dec 2020 00:21

Instrument :

BNA_N

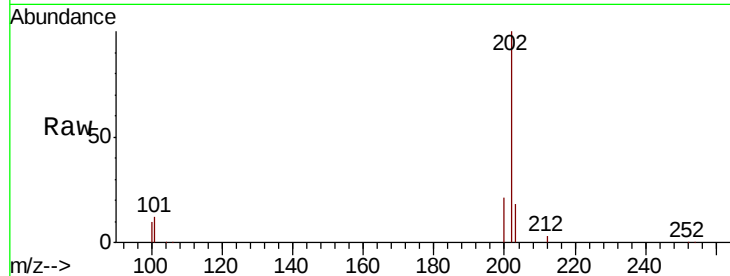
ClientSampleId :

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Tot Ion:	202	Resp:	87386
Ion Ratio	Lower	Upper	
202	100		
101	11.5	8.9	13.3
100	9.6	7.4	11.2

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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

19.26

80000

60000

40000

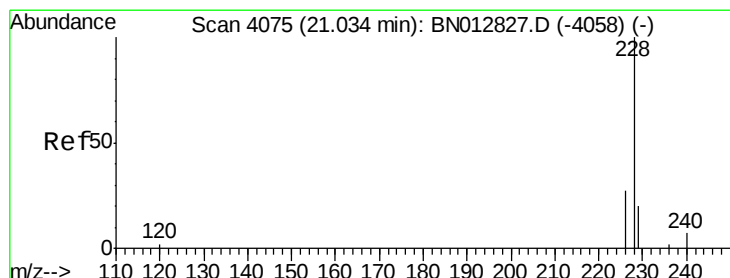
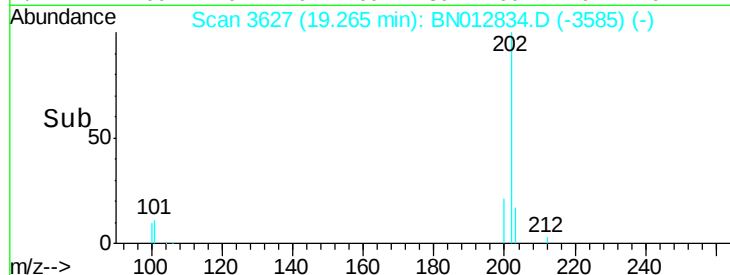
20000

0

19.20

19.30

Time-->



#18

Benzo(a)anthracene

Concen: 1.990 ng/ul

RT: 21.03 min Scan# 4073

Delta R.T. -0.01 min

Lab File: BN012834.D

Acq: 03 Dec 2020 00:21

Tgt Ion:	228	Resp:	37043
Ion Ratio	Lower	Upper	
228	100		
229	20.3	16.9	25.3
226	28.1	23.1	34.7

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

21.03

40000

30000

20000

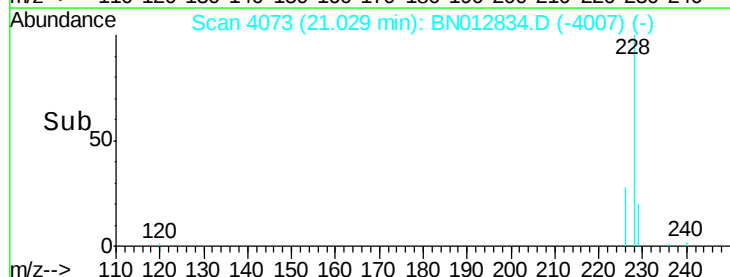
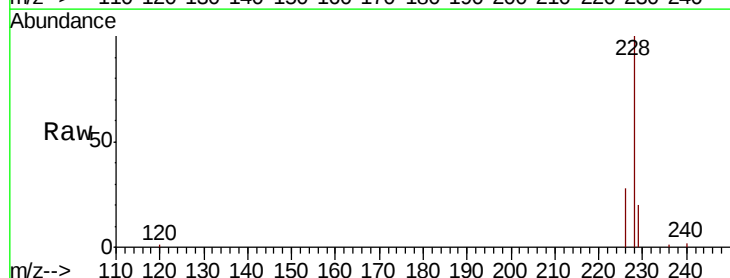
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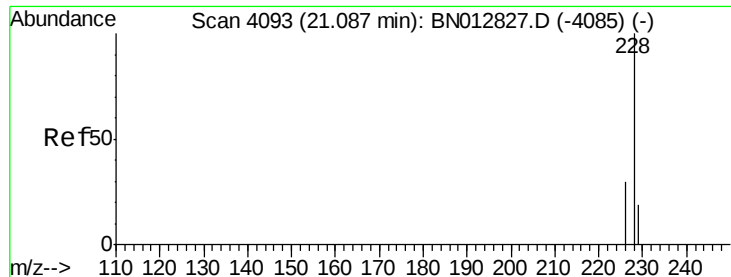
0

21.00

21.05

Time-->





#19

Chrysene

Concen: 2.027 ng/ul

RT: 21.08 min Scan# 4091

Delta R.T. -0.01 min

Lab File: BN012834.D

Acq: 03 Dec 2020 00:21

Instrument :

BNA_N

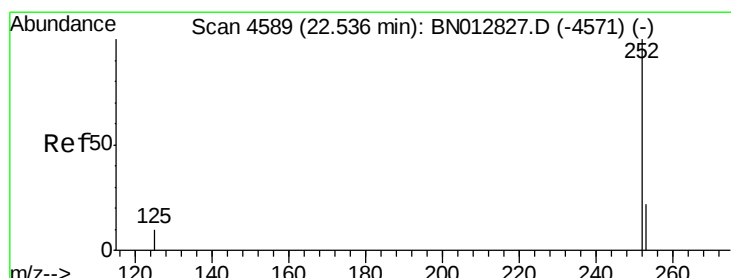
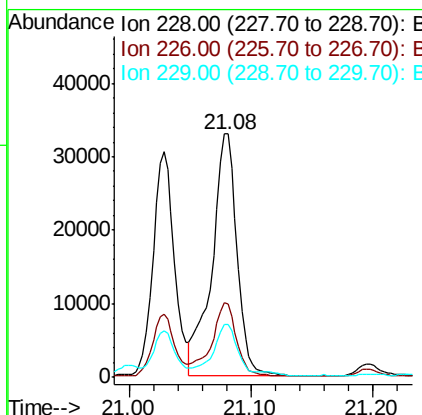
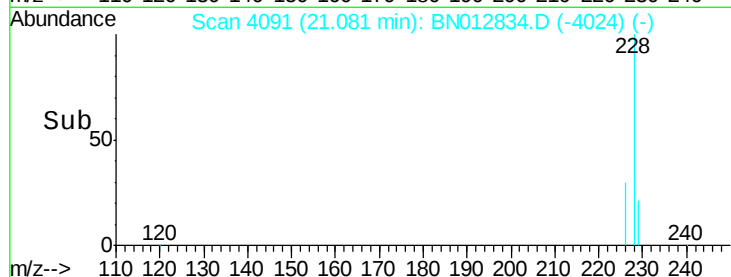
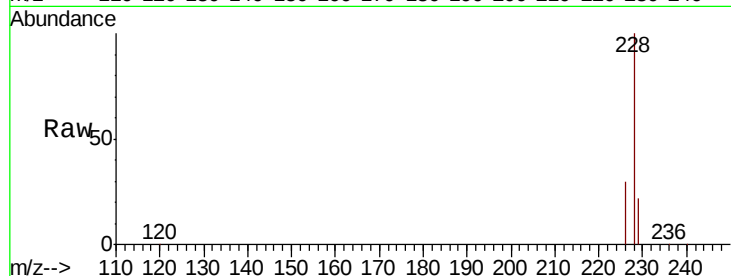
ClientSampleId :

C0B88

Tot Ion:228	Resp:	47121
Ion Ratio	Lower	Upper
228 100		
226 30.0	24.4	36.6
229 21.7	16.1	24.1

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#21

Benzo(b)fluoranthene

Concen: 2.538 ng/ul m

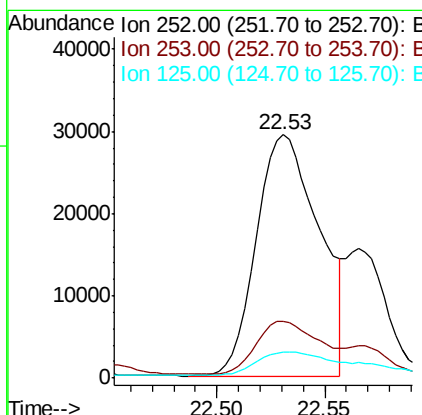
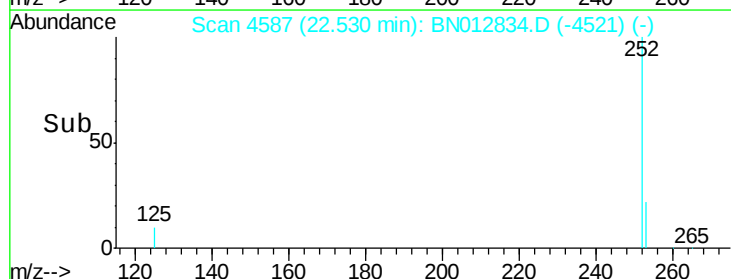
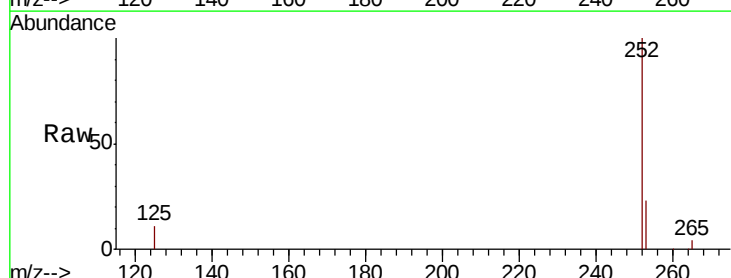
RT: 22.53 min Scan# 4587

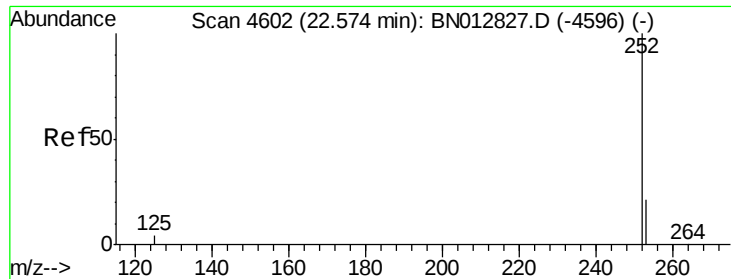
Delta R.T. -0.01 min

Lab File: BN012834.D

Acq: 03 Dec 2020 00:21

Tgt Ion:252	Resp:	59417
Ion Ratio	Lower	Upper
252 100		
253 23.3	0.0	58.4
125 10.9	0.0	28.6





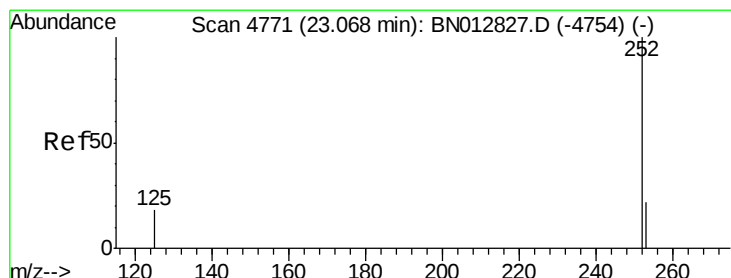
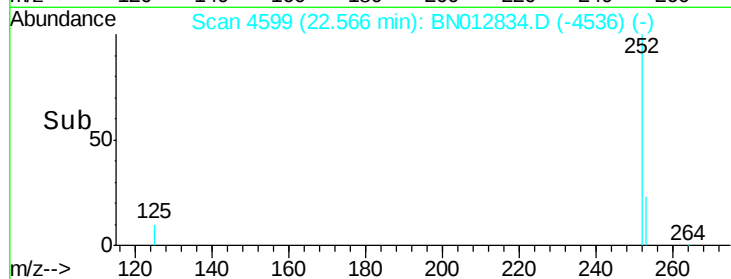
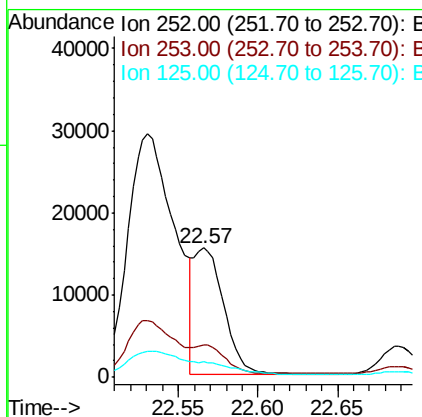
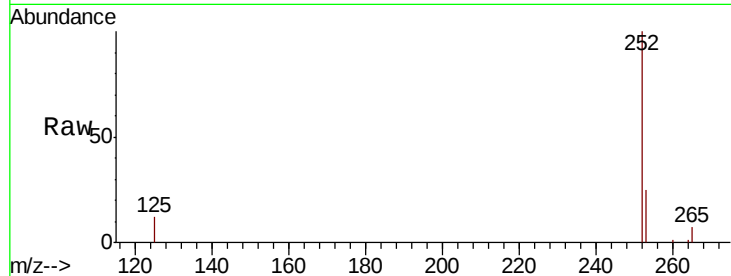
#22
Benzo(k)fluoranthene
Concen: 0.755 ng/ul m
RT: 22.57 min Scan# 4599
Delta R.T. -0.01 min
Lab File: BN012834.D
Acq: 03 Dec 2020 00:21

Instrument :
BNA_N
ClientSampleId :
C0B88

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	23.4	35.2
125	12.0	10.2	15.2

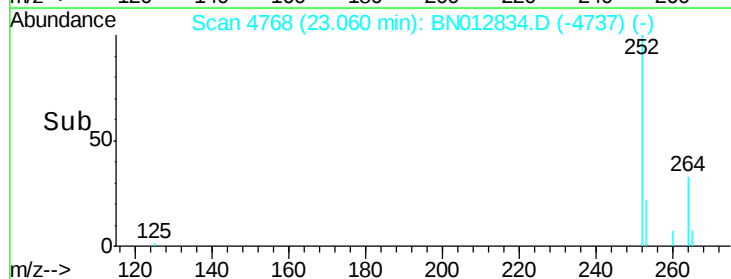
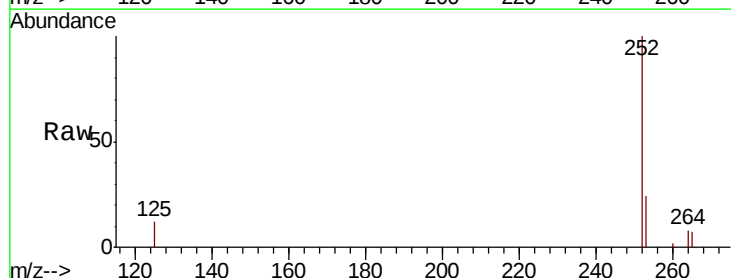
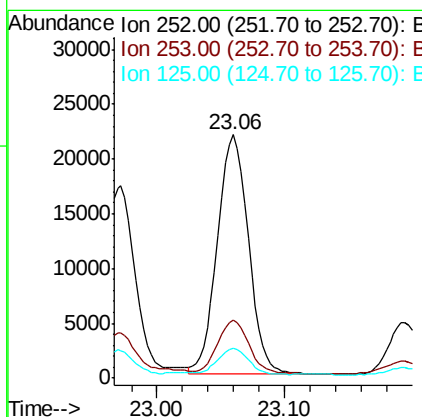
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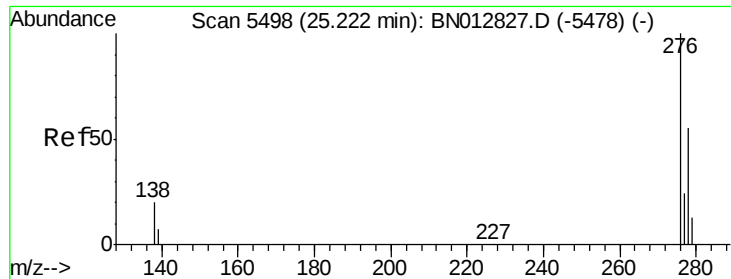
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#23
Benzo(a)pyrene
Concen: 1.681 ng/ul m
RT: 23.06 min Scan# 4768
Delta R.T. -0.01 min
Lab File: BN012834.D
Acq: 03 Dec 2020 00:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	27.6	41.4#
125	12.0	17.0	25.4#





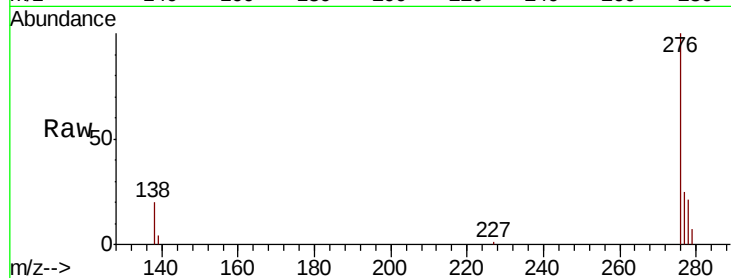
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.936 ng/ul
 RT: 25.21 min Scan# 5495
 Delta R.T. -0.02 min
 Lab File: BN012834.D
 Acq: 03 Dec 2020 00:21

Instrument :
 BNA_N
 ClientSampleId :
 C0B88

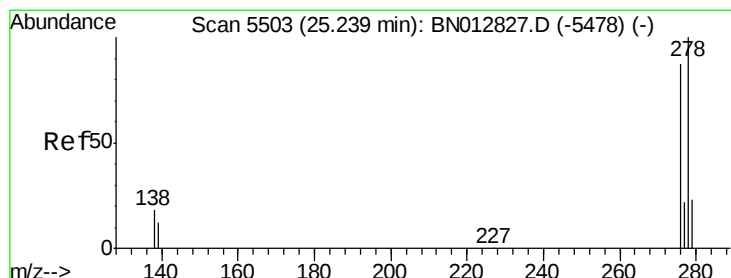
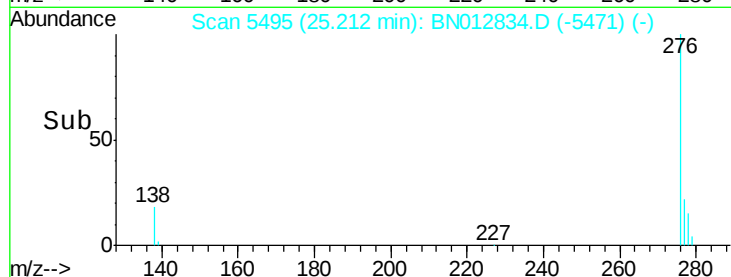
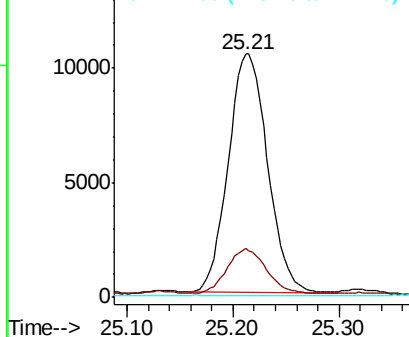
Tot Ion	Ratio	Lower	Upper
276	100		
138	18.8	16.5	24.7
227	0.1	0.1	0.1#

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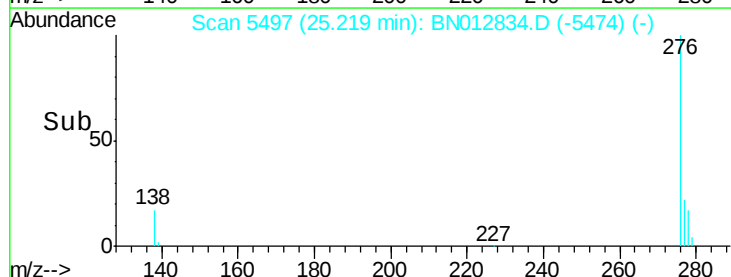
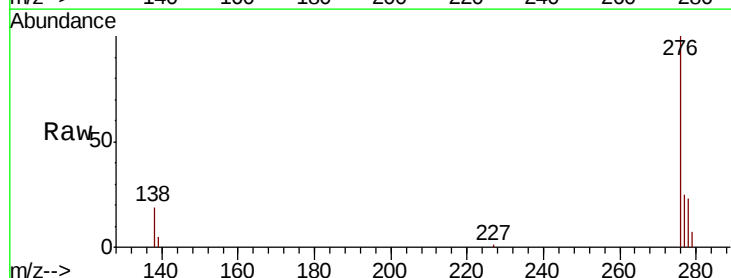
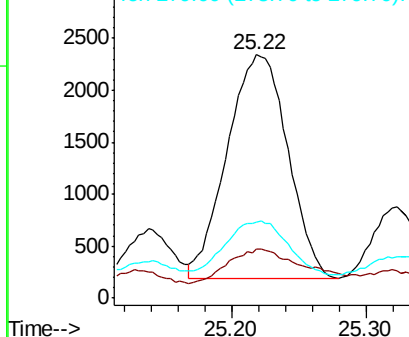
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

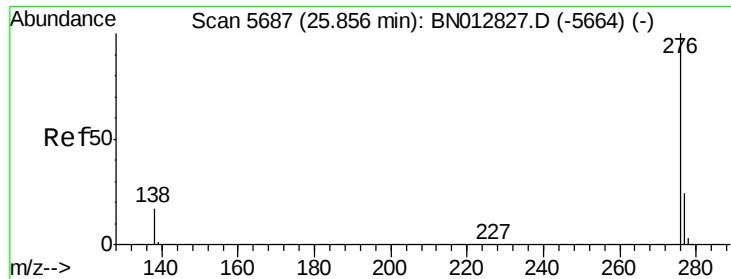


#25
 Dibenzo(a,h)anthracene
 Concen: 0.292 ng/ul
 RT: 25.22 min Scan# 5497
 Delta R.T. -0.02 min
 Lab File: BN012834.D
 Acq: 03 Dec 2020 00:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.9	13.8	20.8
279	31.4	25.6	38.4

Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E





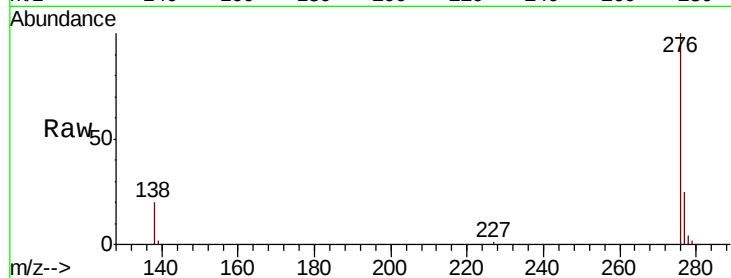
#26
 Benzo(a,h,i)perylene
 Concen: 0.927 ng/ul
 RT: 25.85 min Scan# 5684
 Delta R.T. -0.01 min
 Lab File: BN012834.D
 Acq: 03 Dec 2020 00:21

Instrument :
 BNA_N
 ClientSampleId :
 C0B88

Tot Ion:	276	Resp:	24028
Ion Ratio	Lower	Upper	
276	100		
138	20.2	16.3	24.5
277	24.7	21.8	32.8

Manual Integrations
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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

