

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012820.D
 Acq On : 02 Dec 2020 15:20
 Operator : CG/JU
 Sample : L4865-20
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B06

Manual Integrations
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Quant Time: Dec 02 17:01:11 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 : Wed Dec 02 12:19:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	721	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	2921	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	1692	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	3570	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	3411	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	3307	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	607	0.14	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	1486	0.16	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.23	128	346	0.039	ng/ul#	63
5) 2-Methylnaphthalene	11.86	142	157	0.028	ng/ul	86
7) Acenaphthylene	13.79	152	791	0.096	ng/ul#	83
8) Acenaphthene	14.14	153	565	0.081	ng/ul	98
9) Fluorene	15.13	166	846	0.111	ng/ul#	97
12) Phenanthrene	16.87	178	52401	4.218	ng/ul	96
13) Anthracene	16.96	178	8198	0.759	ng/ul	97
15) Fluoranthene	18.90	202	214640	14.966	ng/ul	97
17) Pyrene	19.27	202	180295	11.817	ng/ul	98
18) Benzo(a)anthracene	21.03	228	104652	8.562	ng/ul	98
19) Chrysene	21.08	228	132383	8.670	ng/ul	99
21) Benzo(b)fluoranthene	22.54	252	202700m	13.324	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	69247m	3.947	ng/ul	
23) Benzo(a)pyrene	23.07	252	122199	8.535	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.22	276	97433	5.204	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.23	278	23833m	1.584	ng/ul	
26) Benzo(a,h,i)perylene	25.85	276	86137	5.112	ng/ul	96

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

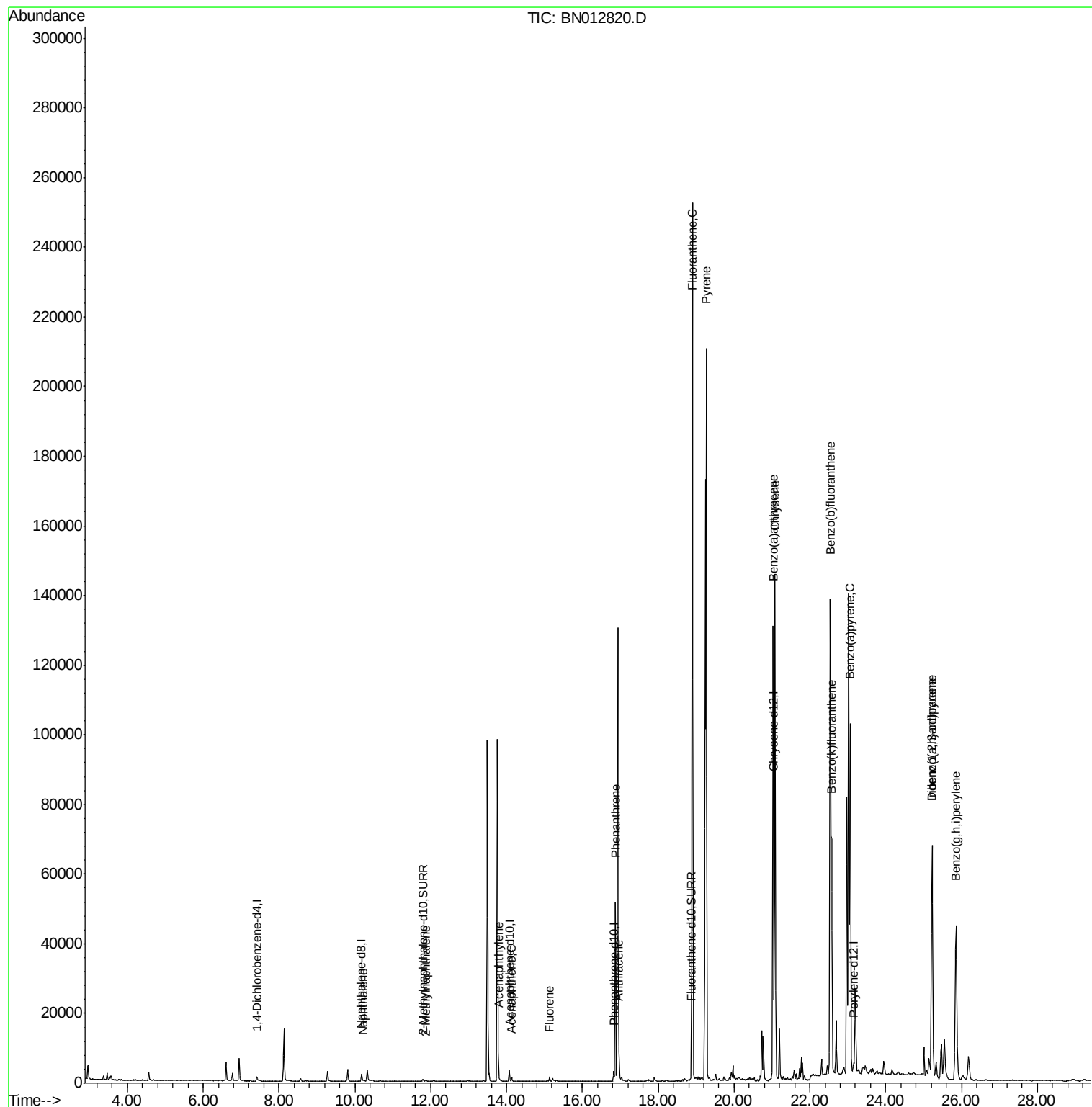
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012820.D
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ALS Vial : 47 Sample Multiplier: 1

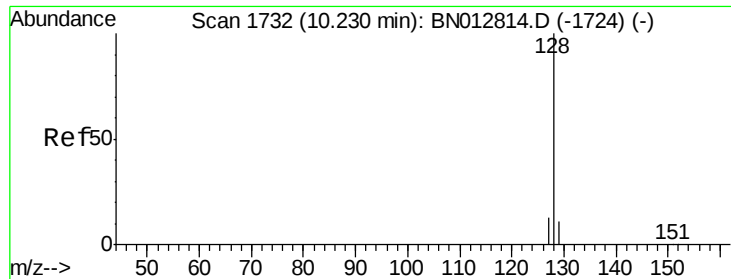
Instrument :
BNA_N
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C0B06

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Quant Time: Dec 02 17:01:11 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 : Wed Dec 02 12:19:27 2020
Response via : Initial Calibration





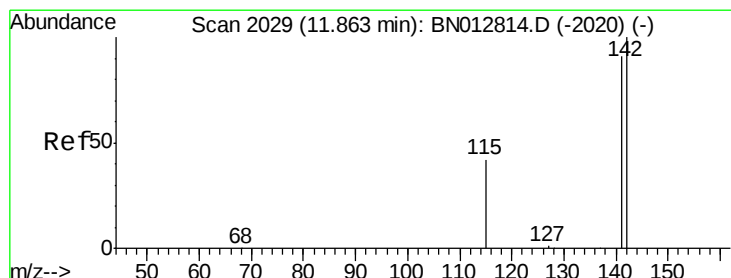
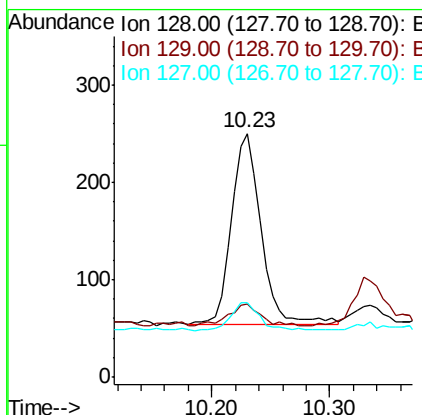
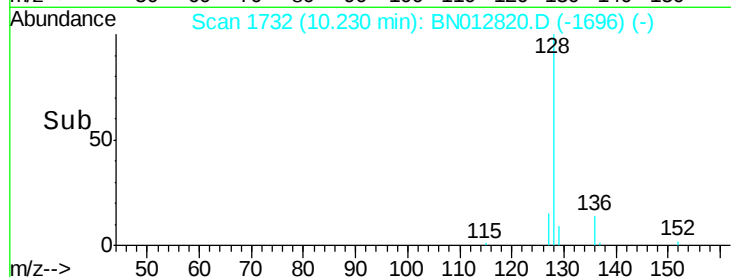
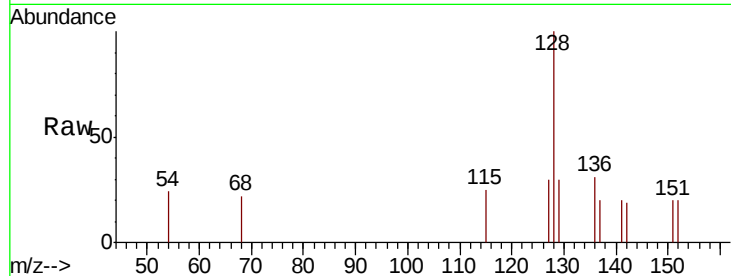
#3
Naphthalene
Concen: 0.039 ng/ul
RT: 10.23 min Scan# 1732
Delta R.T. 0.00 min
Lab File: BN012820.D
Acq: 02 Dec 2020 15:20

Instrument :
BNA_N
ClientSampleId :
C0B06

Tot Ion	Ratio	Lower	Upper
128	100		
129	30.0	11.2	16.8#
127	30.4	12.5	18.7#

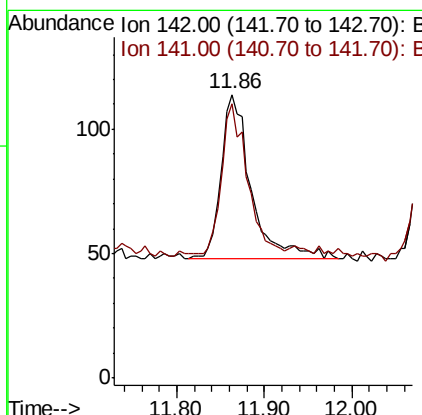
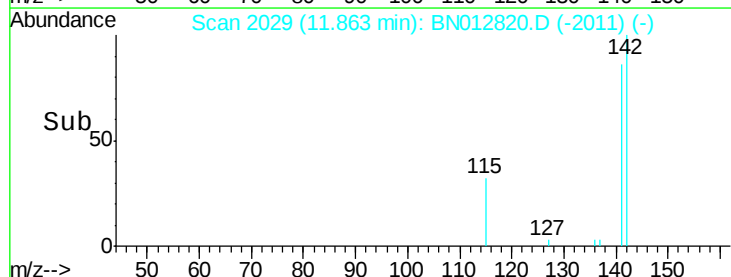
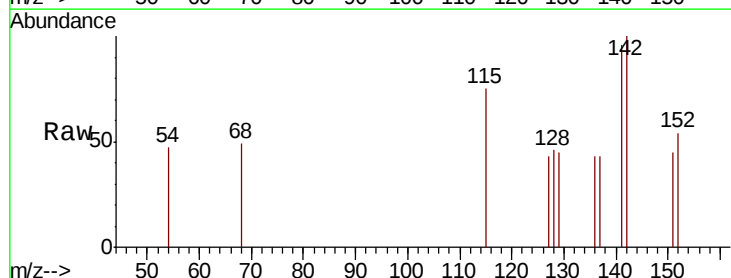
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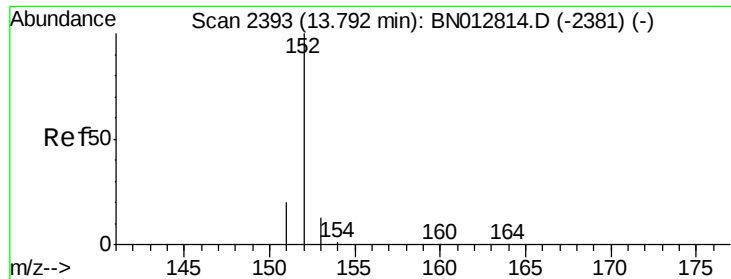
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#5
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 11.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BN012820.D
Acq: 02 Dec 2020 15:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	77.1	72.3	108.5





#7

Acenaphthylene

Concen: 0.096 ng/ul

RT: 13.79 min Scan# 2393

Delta R.T. 0.00 min

Lab File: BN012820.D

Acq: 02 Dec 2020 15:20

Instrument :

BNA_N

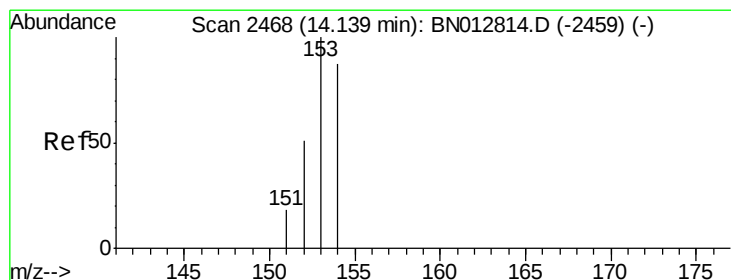
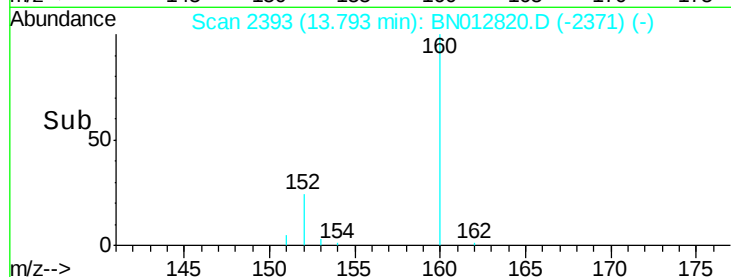
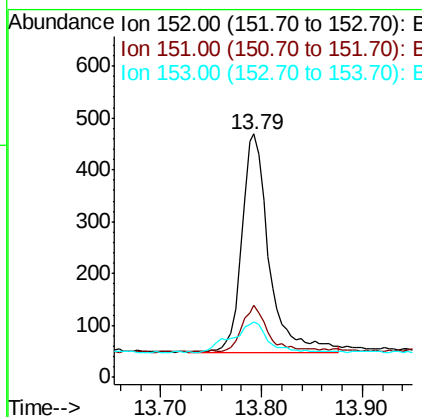
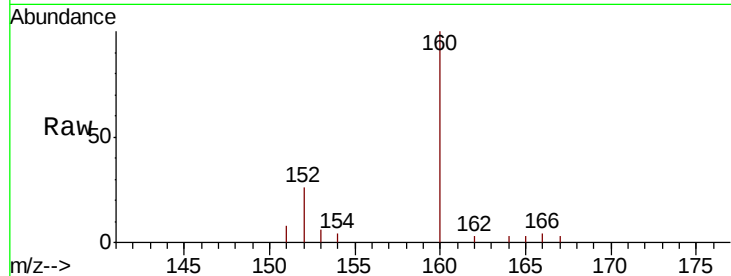
ClientSampleId :

C0B06

Tot Ion:	152	Resp:	791
Ion Ratio	Lower	Upper	
152	100		
151	29.4	17.1	25.7#
153	22.8	12.6	19.0#

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#8

Acenaphthene

Concen: 0.081 ng/ul

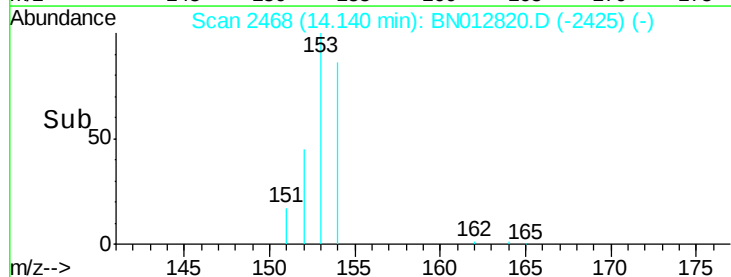
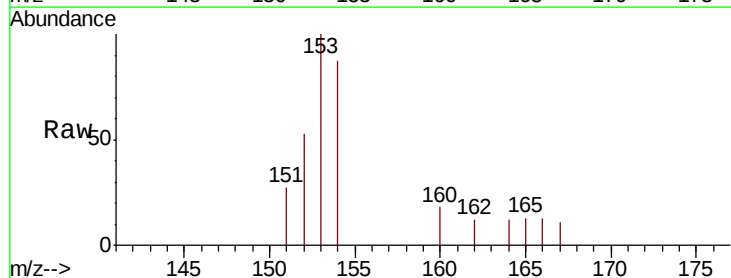
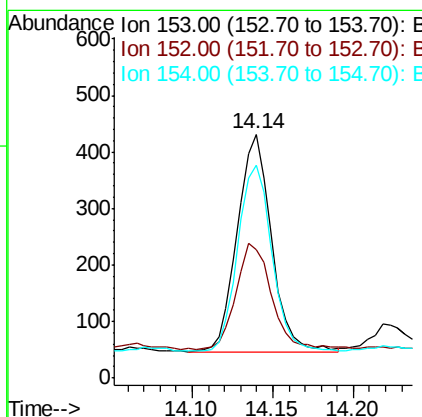
RT: 14.14 min Scan# 2468

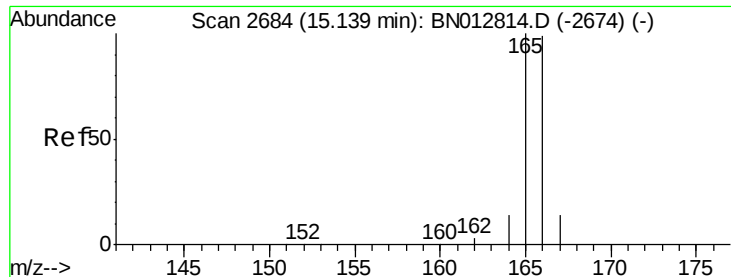
Delta R.T. 0.00 min

Lab File: BN012820.D

Acq: 02 Dec 2020 15:20

Tgt Ion:	153	Resp:	565
Ion Ratio	Lower	Upper	
153	100		
152	52.9	41.4	62.0
154	87.2	70.9	106.3





#9

Fluorene

Concen: 0.111 ng/ul

RT: 15.13 min Scan# 2683

Delta R.T. -0.00 min

Lab File: BN012820.D

Acq: 02 Dec 2020 15:20

Instrument :

BNA_N

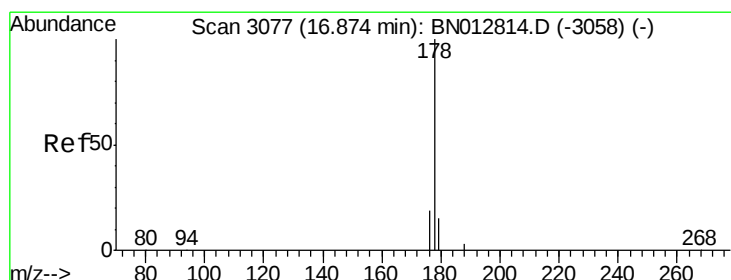
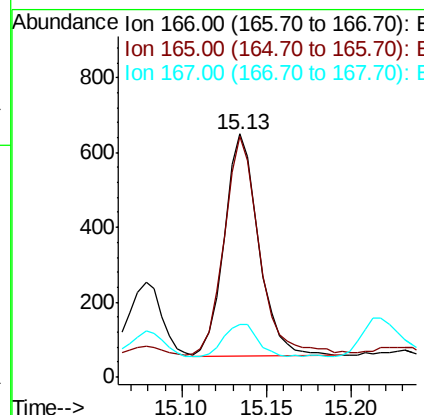
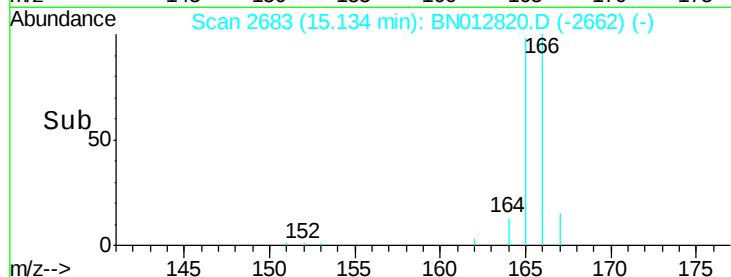
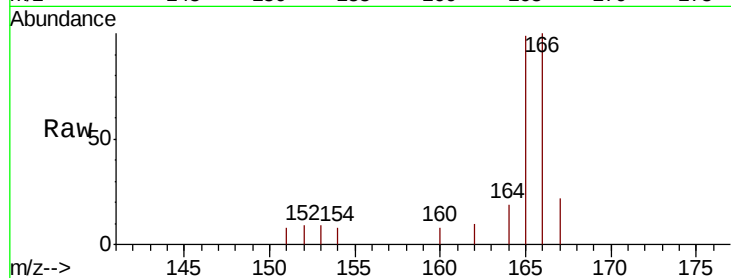
ClientSampleId :

C0B06

Tot Ion:	166	Resp:	846
Ion Ratio	Lower	Upper	
166	100		
165	99.2	78.5	117.7
167	21.7	12.7	19.1#

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#12

Phenanthrene

Concen: 4.218 ng/ul

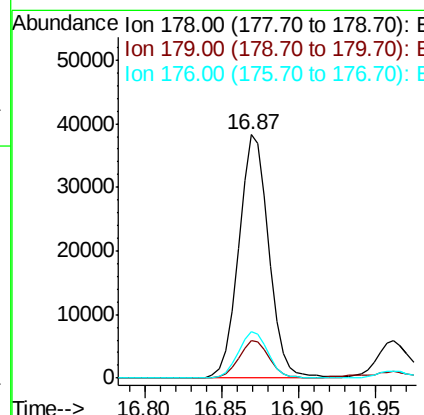
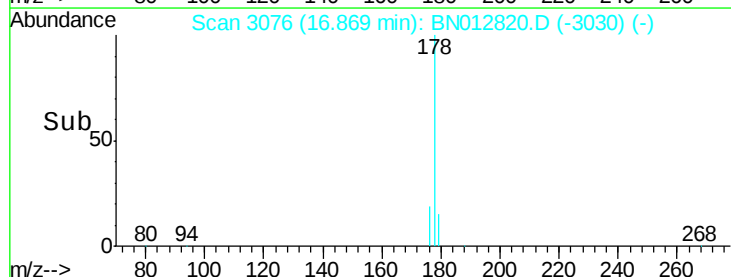
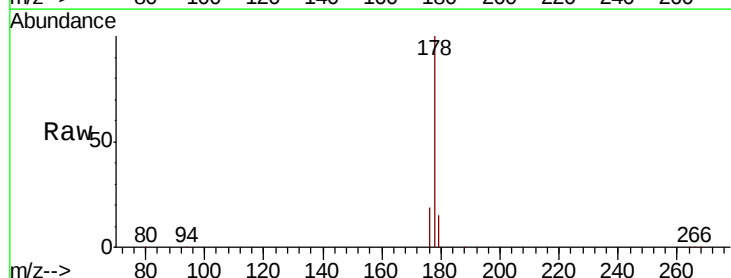
RT: 16.87 min Scan# 3076

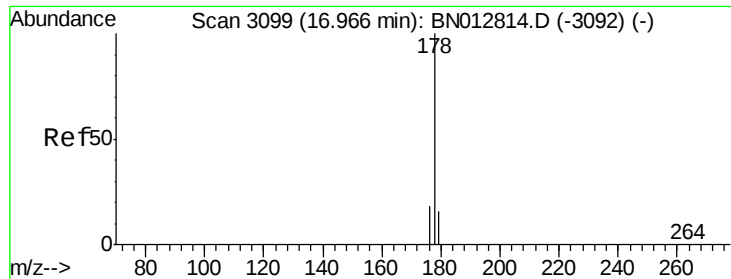
Delta R.T. -0.00 min

Lab File: BN012820.D

Acq: 02 Dec 2020 15:20

Tgt Ion:	178	Resp:	52401
Ion Ratio	Lower	Upper	
178	100		
179	15.3	13.8	20.6
176	19.2	16.7	25.1





#13

Anthracene

Concen: 0.759 ng/ul

RT: 16.96 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BN012820.D

Acq: 02 Dec 2020 15:20

Instrument :

BNA_N

ClientSampleId :

C0B06

Tot Ion:178 Resp: 8198

Ion Ratio Lower Upper

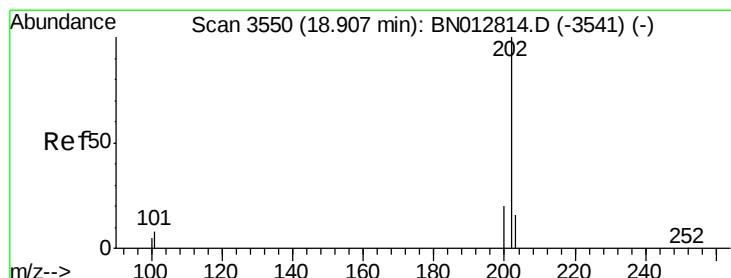
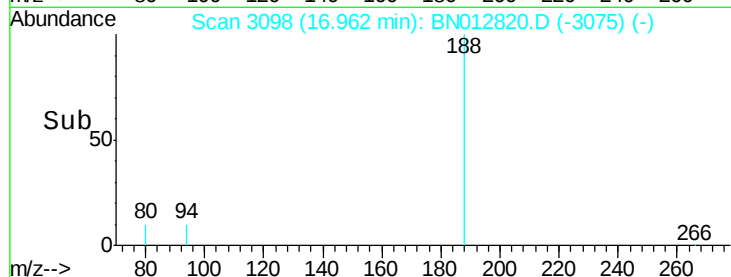
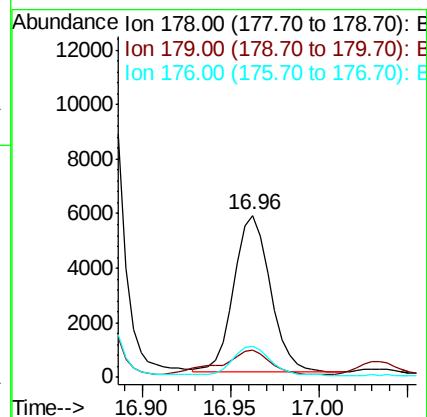
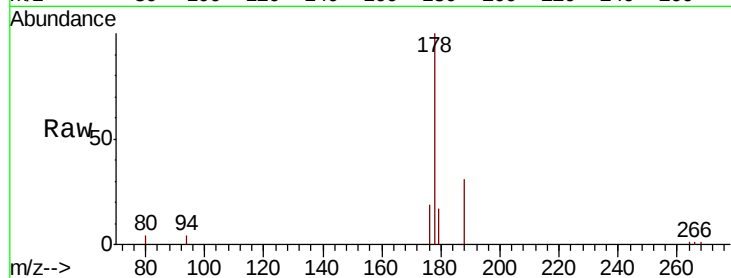
178 100

179 16.7 14.8 22.2

176 19.2 16.3 24.5

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#15

Fluoranthene

Concen: 14.966 ng/ul

RT: 18.90 min Scan# 3549

Delta R.T. -0.00 min

Lab File: BN012820.D

Acq: 02 Dec 2020 15:20

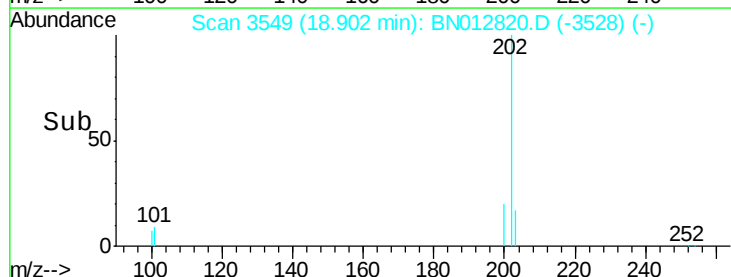
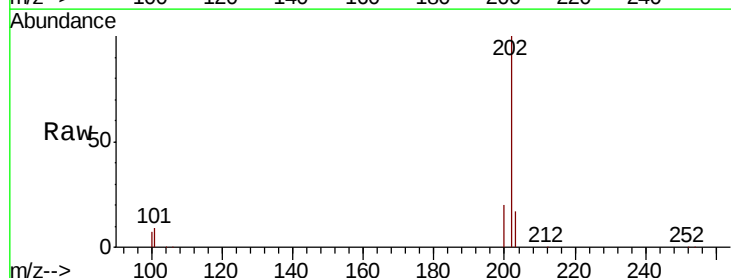
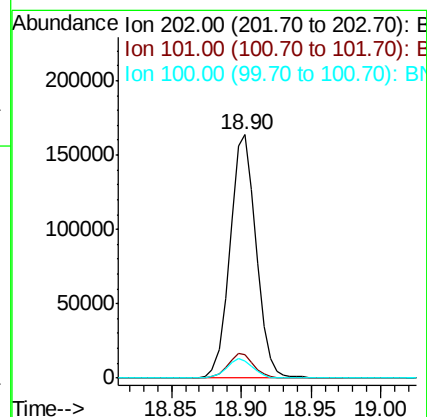
Tgt Ion:202 Resp: 214640

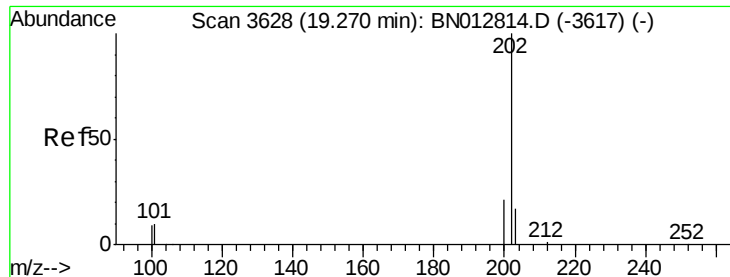
Ion Ratio Lower Upper

202 100

101 9.4 0.0 30.5

100 7.1 0.0 28.4





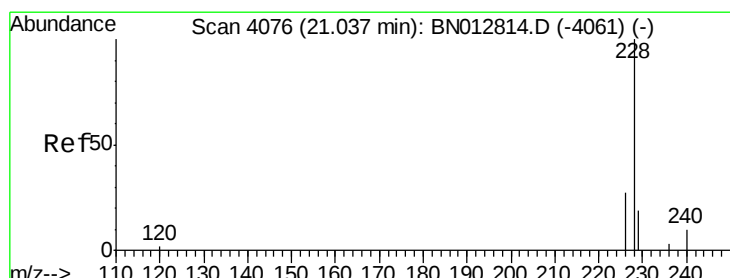
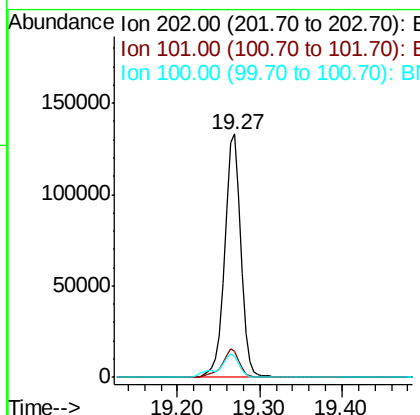
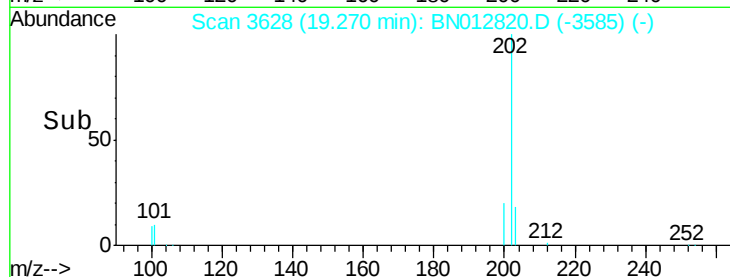
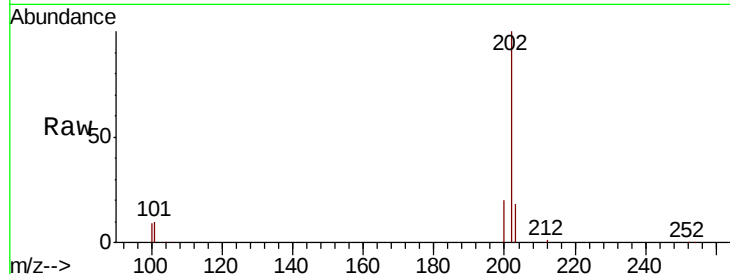
#17
Pvrene
Concen: 11.817 ng/ul
RT: 19.27 min Scan# 3628
Delta R.T. 0.00 min
Lab File: BN012820.D
Acq: 02 Dec 2020 15:20

Instrument :
BNA_N
ClientSampleId :
C0B06

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.5	8.9	13.3
100	8.6	7.4	11.2

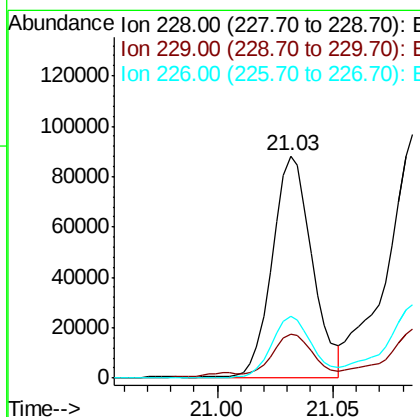
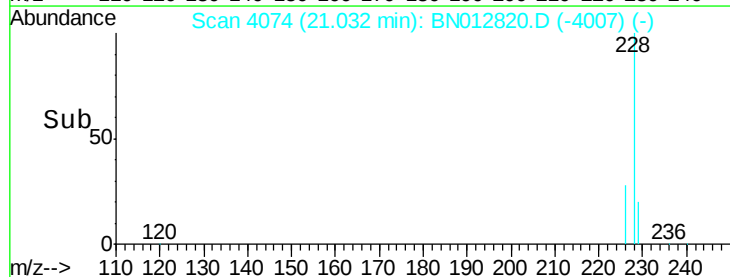
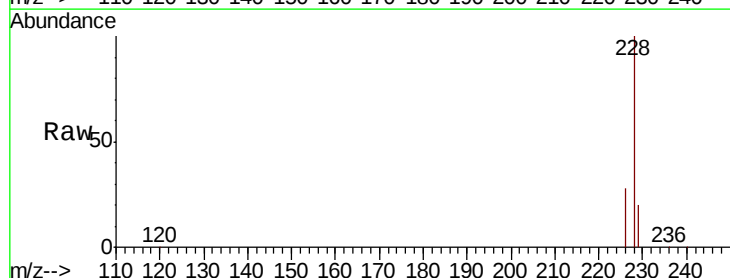
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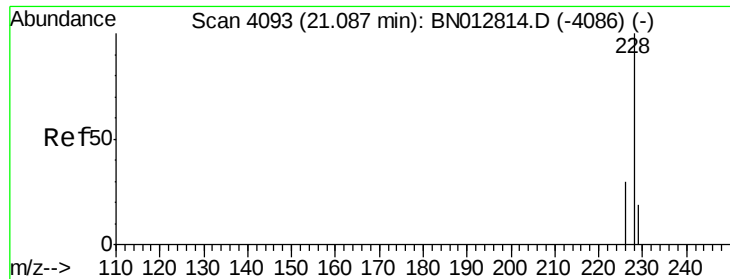
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#18
Benzo(a)anthracene
Concen: 8.562 ng/ul
RT: 21.03 min Scan# 4074
Delta R.T. -0.01 min
Lab File: BN012820.D
Acq: 02 Dec 2020 15:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.0	16.9	25.3
226	27.8	23.1	34.7





#19

Chrysene

Concen: 8.670 ng/ul

RT: 21.08 min Scan# 4092

Delta R.T. -0.00 min

Lab File: BN012820.D

Acq: 02 Dec 2020 15:20

Instrument :

BNA_N

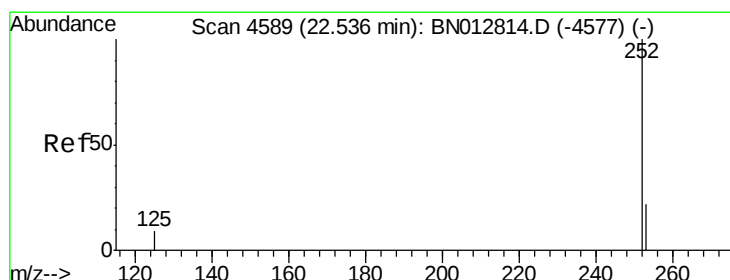
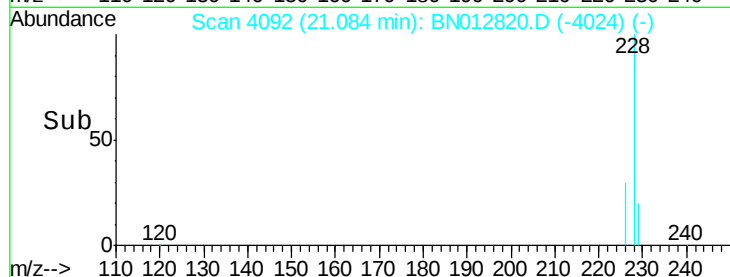
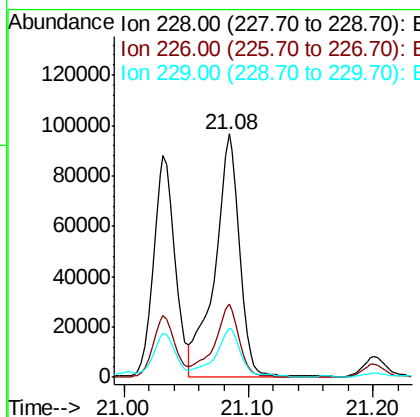
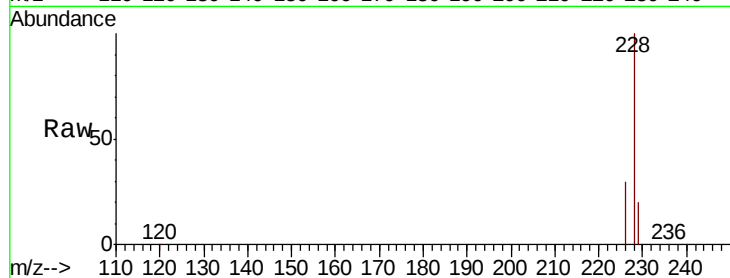
ClientSampleId :

C0B06

Tot Ion:	228	Resp:	132383
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.4	36.6
229	20.4	16.1	24.1

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#21

Benzo(b)fluoranthene

Concen: 13.324 ng/ul m

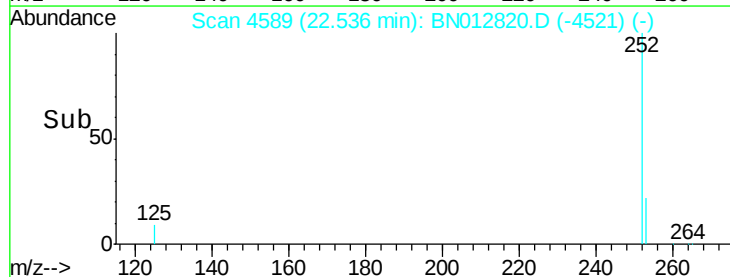
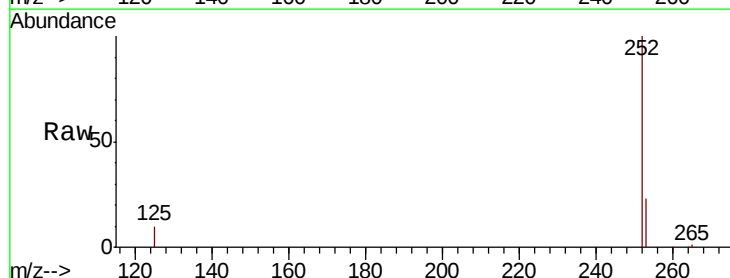
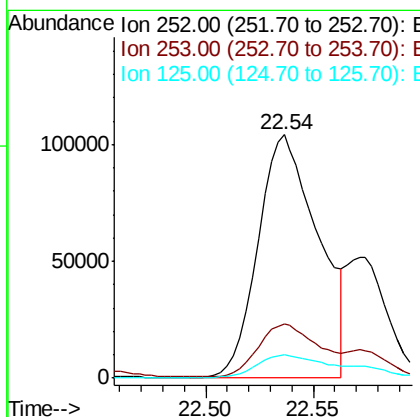
RT: 22.54 min Scan# 4589

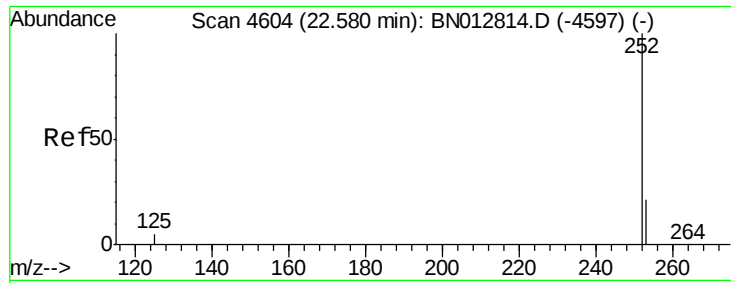
Delta R.T. 0.00 min

Lab File: BN012820.D

Acq: 02 Dec 2020 15:20

Tgt Ion:	252	Resp:	202700
Ion Ratio	Lower	Upper	
252	100		
253	22.5	0.0	58.4
125	9.6	0.0	28.6





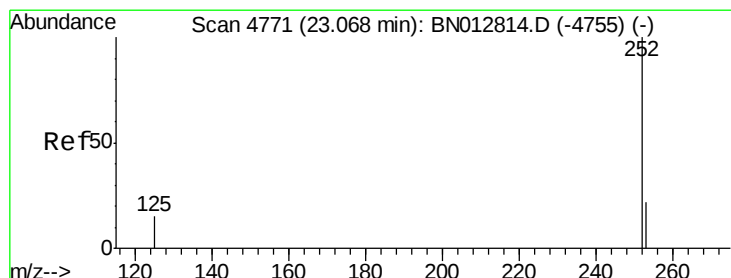
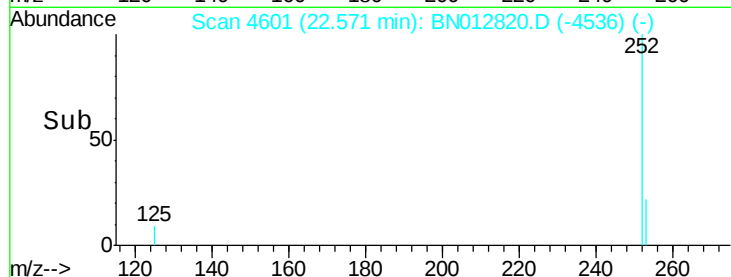
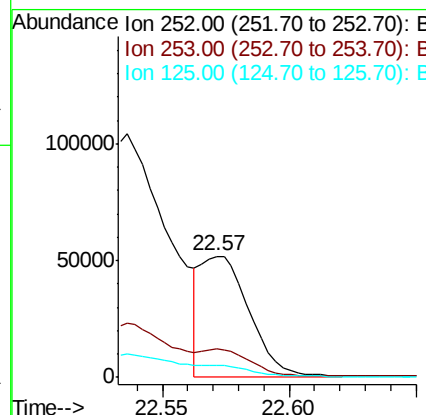
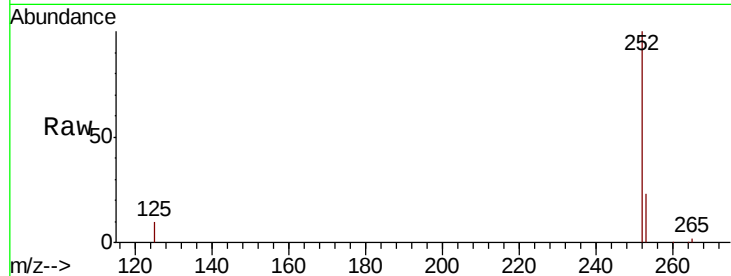
#22
Benzo(k)fluoranthene
Concen: 3.947 ng/ul m
RT: 22.57 min Scan# 4601
Delta R.T. -0.01 min
Lab File: BN012820.D
Acq: 02 Dec 2020 15:20

Instrument :
BNA_N
ClientSampleId :
C0B06

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	23.4	35.2#
125	9.8	10.2	15.2#

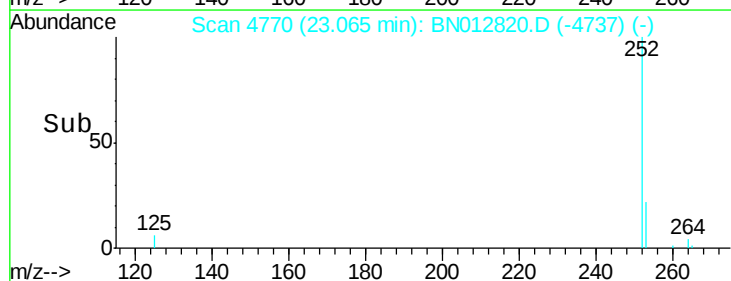
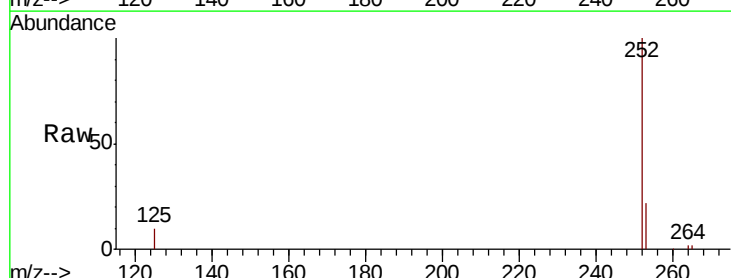
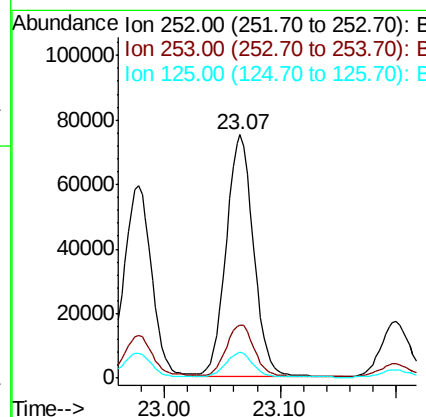
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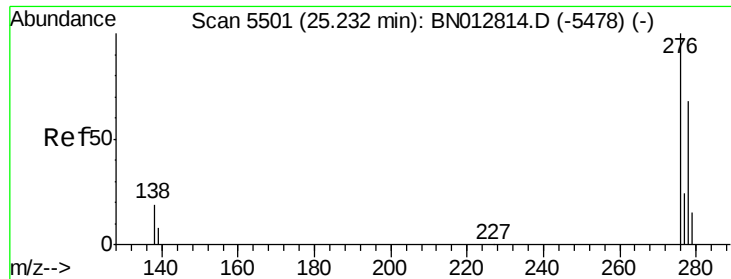
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#23
Benzo(a)pyrene
Concen: 8.535 ng/ul
RT: 23.07 min Scan# 4770
Delta R.T. -0.00 min
Lab File: BN012820.D
Acq: 02 Dec 2020 15:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	27.6	41.4#
125	10.5	17.0	25.4#





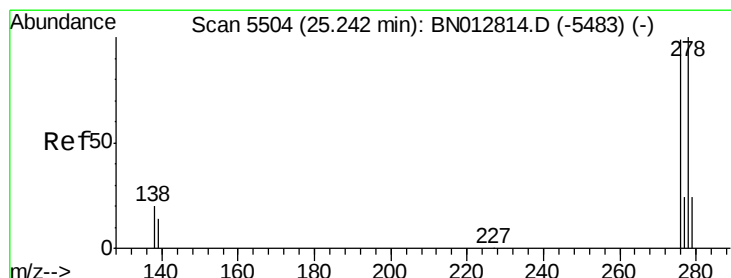
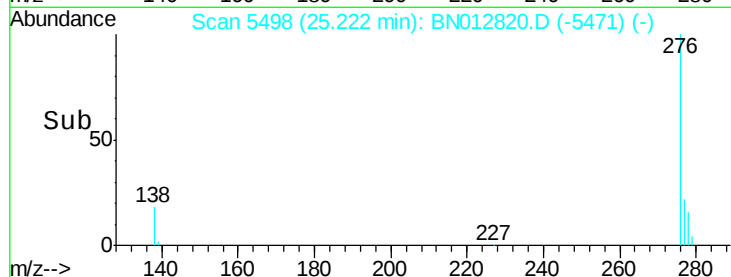
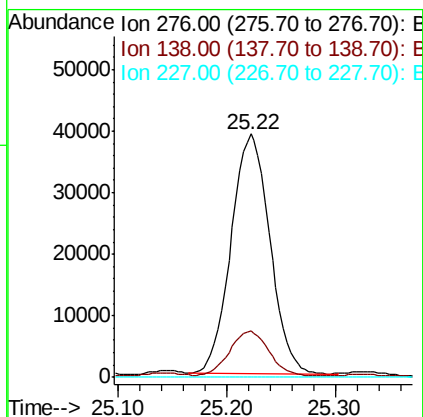
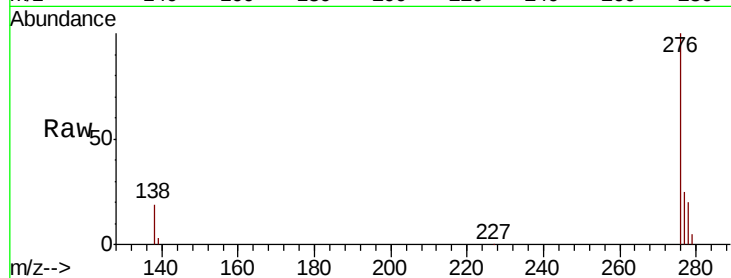
#24
Indeno(1,2,3-cd)pyrene
Concen: 5.204 ng/ul
RT: 25.22 min Scan# 5498
Delta R.T. -0.01 min
Lab File: BN012820.D
Acq: 02 Dec 2020 15:20

Instrument :
BNA_N
ClientSampleId :
C0B06

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.7	16.5	24.7
227	0.2	0.1	0.1#

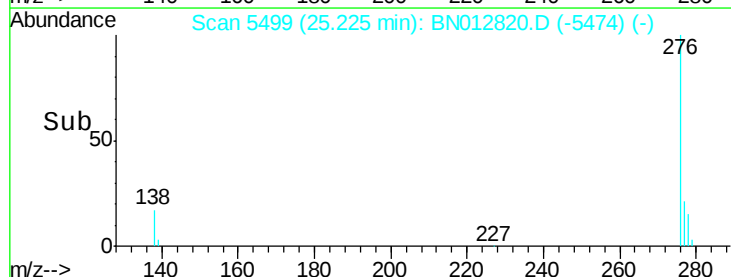
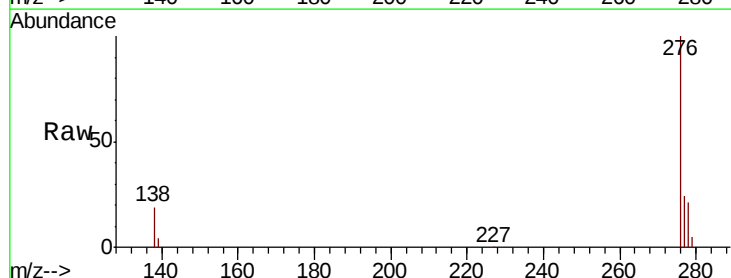
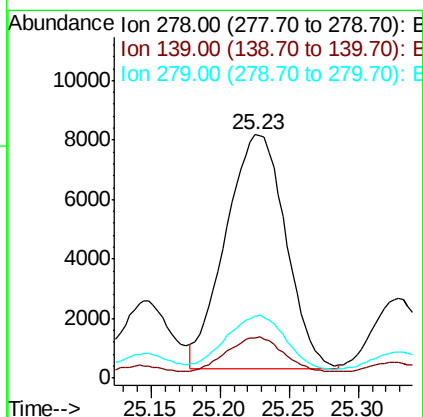
Manual Integrations
APPROVED

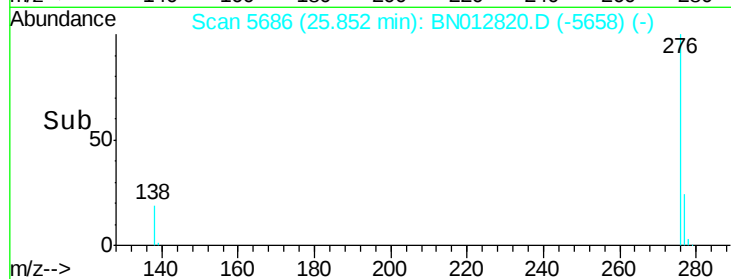
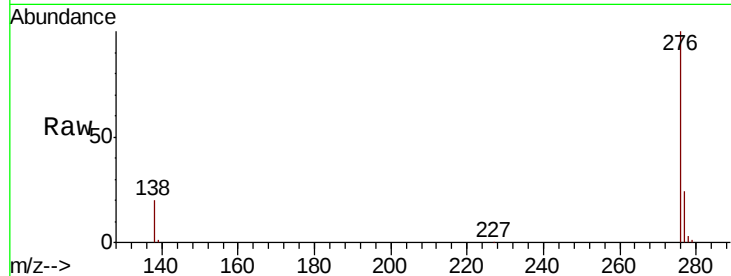
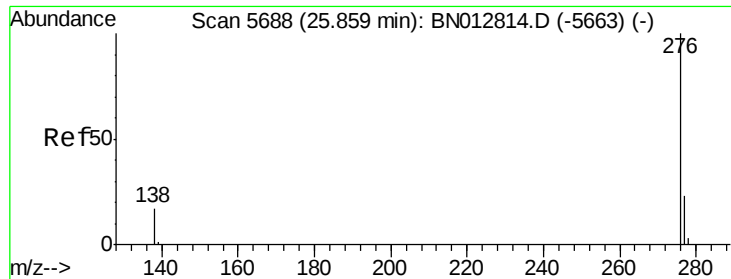
mohammad
12/3/2020 3:44:07 PM



#25
Dibenzo(a,h)anthracene
Concen: 1.584 ng/ul m
RT: 25.23 min Scan# 5499
Delta R.T. -0.02 min
Lab File: BN012820.D
Acq: 02 Dec 2020 15:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.8	20.8
279	25.6	25.6	38.4#





#26

Benzo(a,h,i)perylene

Concen: 5.112 ng/ul

RT: 25.85 min Scan# 5686

Delta R.T. -0.01 min

Lab File: BN012820.D

Acq: 02 Dec 2020 15:20

Tot Ion:	276	Resp:	86137
Ion Ratio	Lower	Upper	
276	100		
138	19.5	16.3	24.5
277	24.4	21.8	32.8

Instrument :

BNA_N

ClientSampleId :

C0B06

Manual Integrations
APPROVED

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