

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
 Data File : BN012921.D
 Acq On : 06 Dec 2020 17:17
 Operator : CG/JU
 Sample : L4864-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B72

Manual Integrations
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Quant Time: Dec 07 03:29:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 03:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1824	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	7537	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.06	164	4338	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	9127	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	7155	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	5826	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	1760	0.16	ng/ul	-0.02
14) Fluoranthene-d10	18.86	212	3926	0.16	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	950	0.044	ng/ul#	94
5) 2-Methylnaphthalene	11.84	142	467	0.033	ng/ul	98
7) Acenaphthylene	13.77	152	1356	0.066	ng/ul#	95
8) Acenaphthene	14.12	153	1385	0.082	ng/ul	99
9) Fluorene	15.12	166	1479	0.077	ng/ul	99
12) Phenanthrene	16.85	178	40613	1.327	ng/ul	97
13) Anthracene	16.95	178	7894	0.303	ng/ul	96
15) Fluoranthene	18.88	202	137536	3.782	ng/ul	99
17) Pyrene	19.26	202	117383	3.473	ng/ul	100
18) Benzo(a)anthracene	21.02	228	71414	2.412	ng/ul	98
19) Chrysene	21.07	228	76941	2.352	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	96171m	3.568	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	31303m	1.051	ng/ul	
23) Benzo(a)pyrene	23.05	252	58584m	2.342	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.19	276	34376	1.046	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.20	278	9696	0.373	ng/ul#	96
26) Benzo(a,h,i)perylene	25.82	276	29235	0.984	ng/ul	97

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

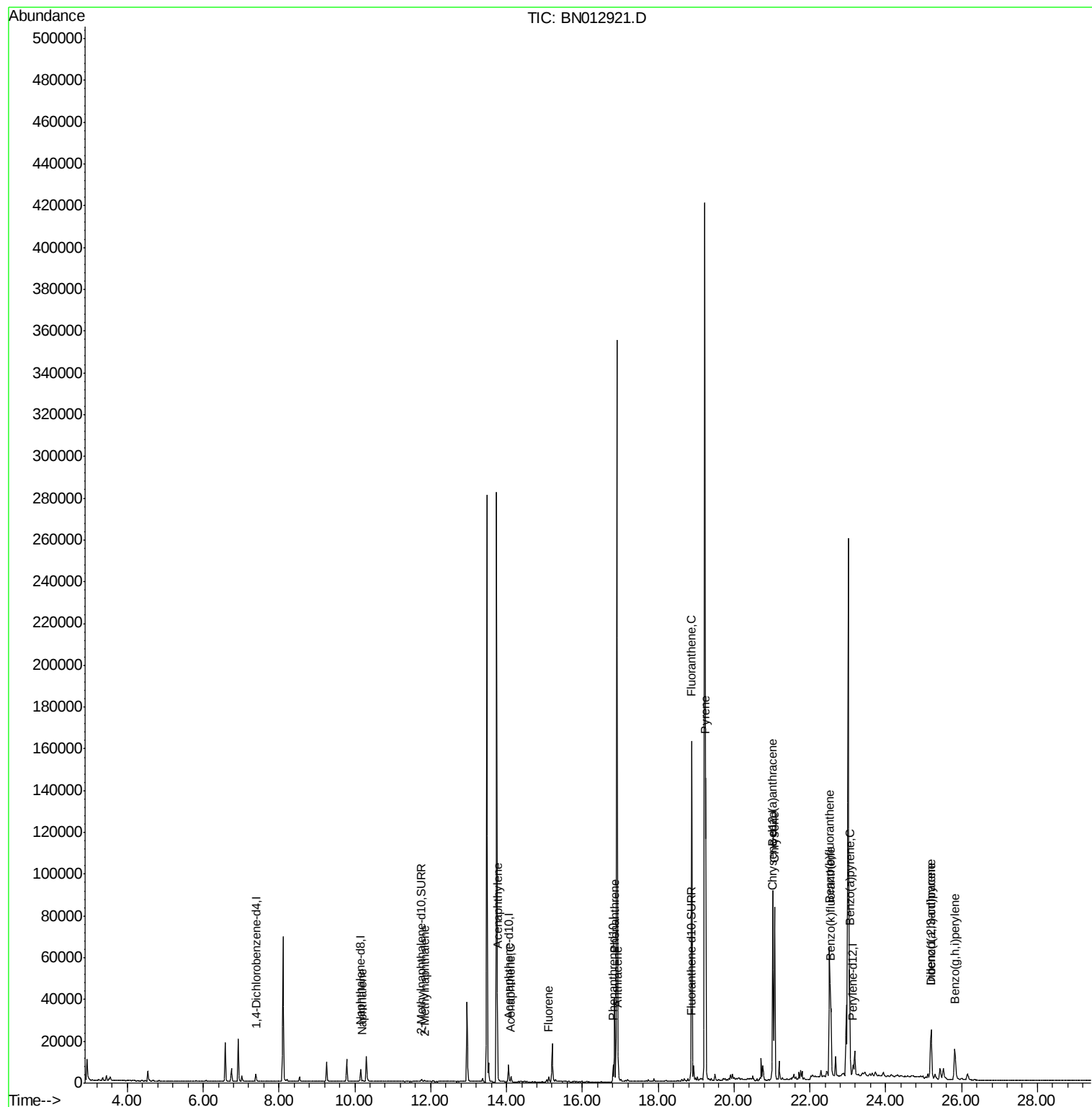
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
Data File : BN012921.D
Acq On : 06 Dec 2020 17:17
Operator : CG/JU
Sample : L4864-14
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ALS Vial : 35 Sample Multiplier: 1

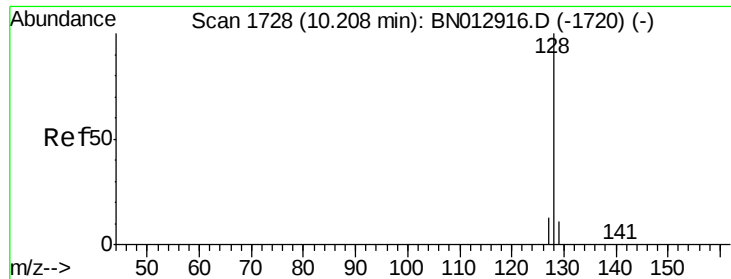
Instrument :
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Quant Time: Dec 07 03:29:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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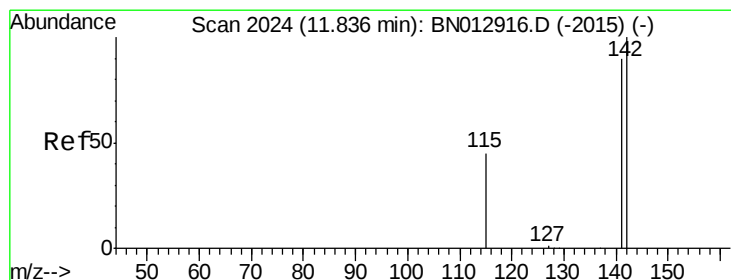
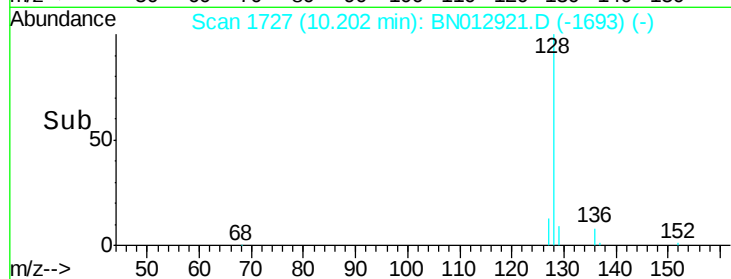
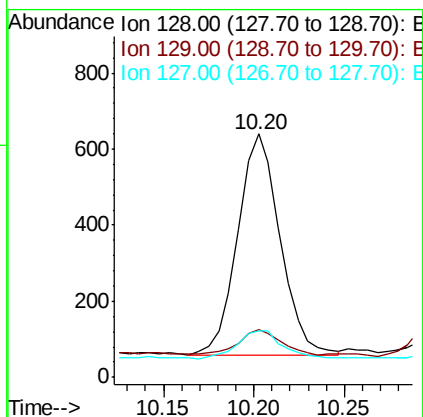
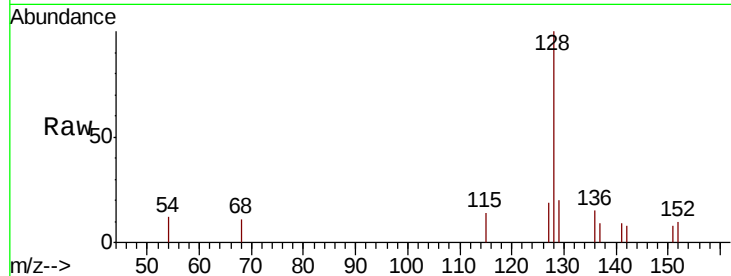
#3
Naphthalene
Concen: 0.044 ng/ul
RT: 10.20 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BN012921.D
Acq: 06 Dec 2020 17:17

Instrument :
BNA_N
ClientSampleId :
C0B72

Tot Ion	Ratio	Lower	Upper
128	100		
129	19.7	12.3	18.5#
127	19.1	14.2	21.4

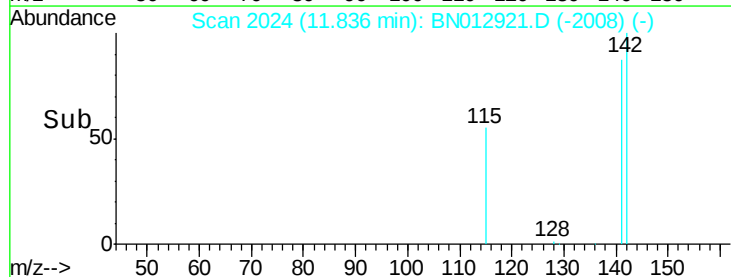
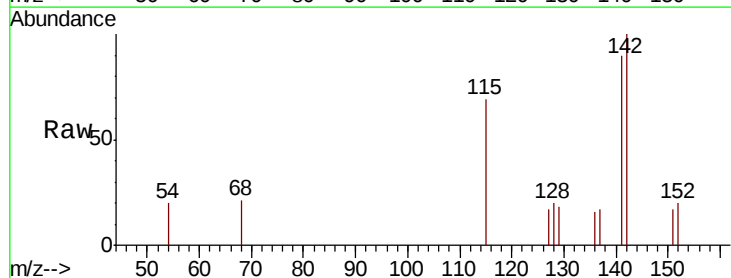
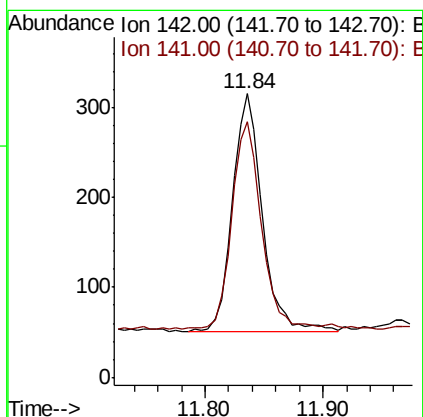
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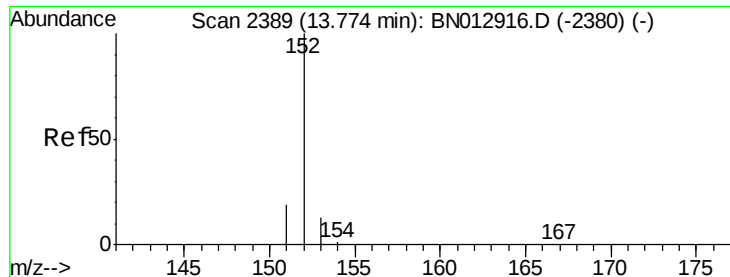
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#5
2-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 11.84 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BN012921.D
Acq: 06 Dec 2020 17:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	73.0	109.6





#7

Acenaphthylene

Concen: 0.066 ng/ul

RT: 13.77 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BN012921.D

Acq: 06 Dec 2020 17:17

Instrument :

BNA_N

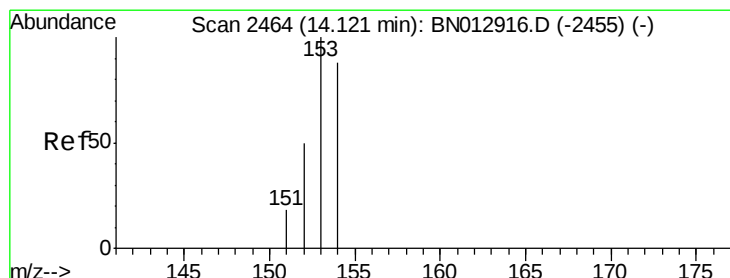
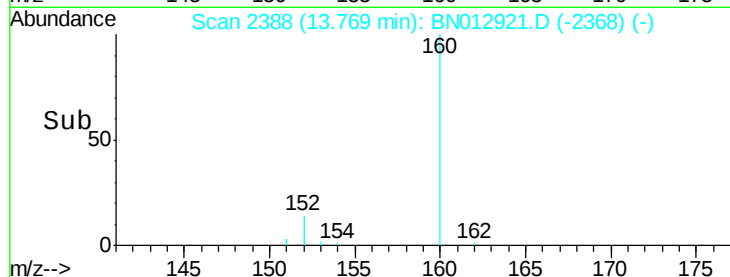
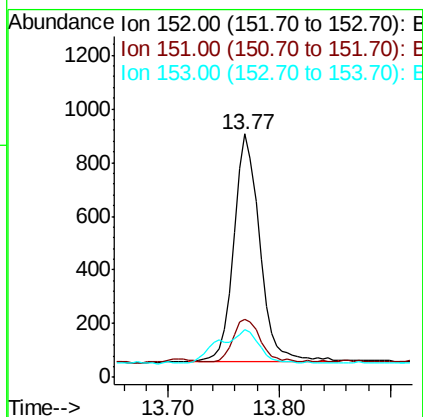
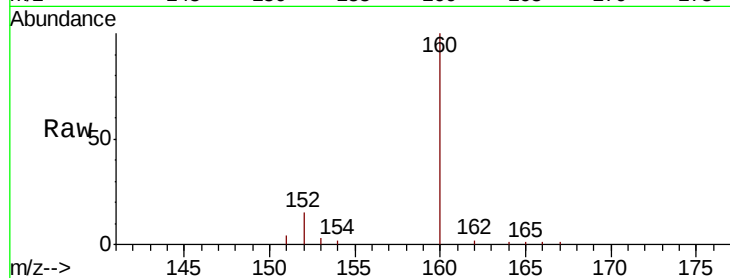
ClientSampleId :

C0B72

Tot Ion:	152	Resp:	1356
Ion Ratio	Lower	Upper	
152	100		
151	23.9	18.2	27.4
153	19.7	13.1	19.7#

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#8

Acenaphthene

Concen: 0.082 ng/ul

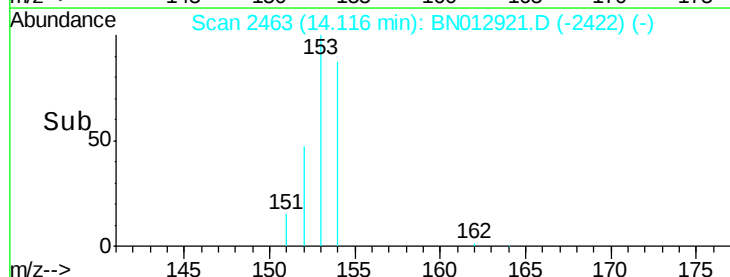
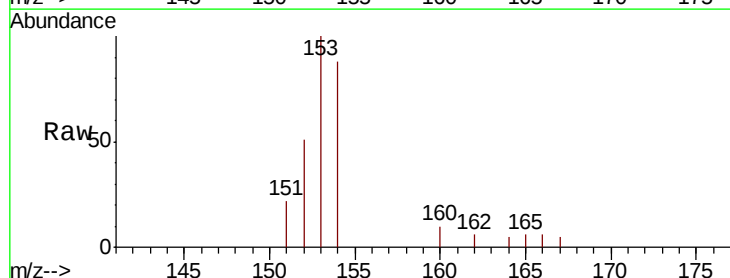
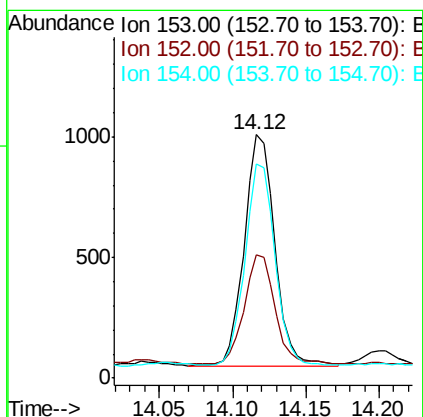
RT: 14.12 min Scan# 2463

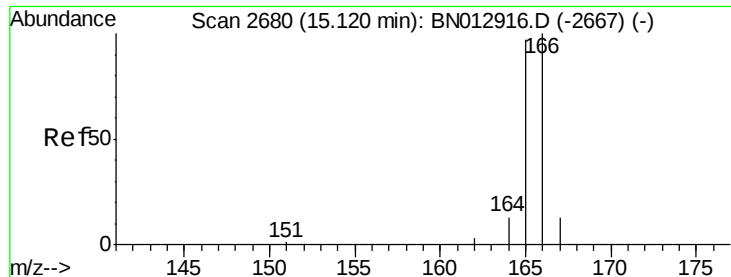
Delta R.T. -0.01 min

Lab File: BN012921.D

Acq: 06 Dec 2020 17:17

Tgt Ion:	153	Resp:	1385
Ion Ratio	Lower	Upper	
153	100		
152	50.5	40.7	61.1
154	87.9	70.8	106.2





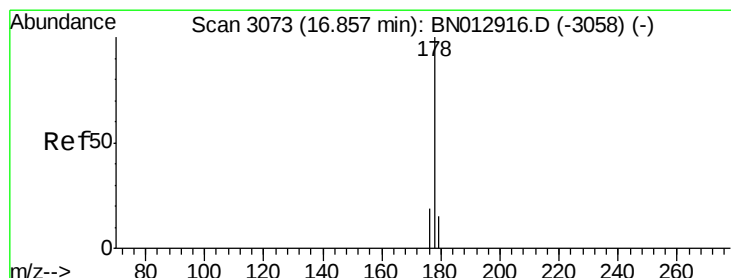
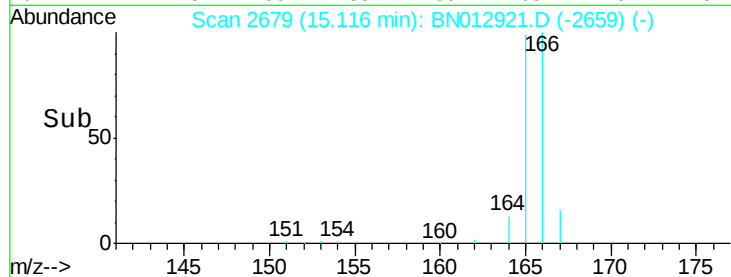
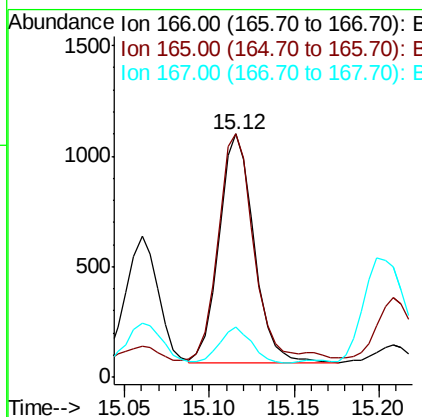
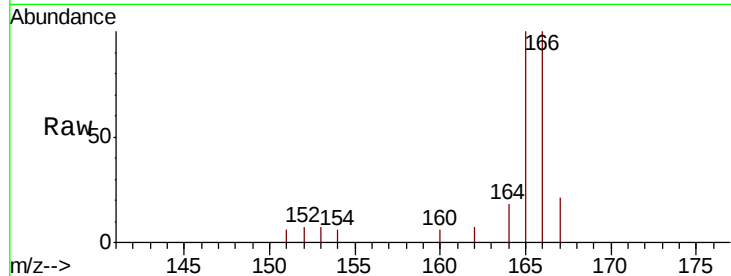
#9
Fluorene
 Concen: 0.077 ng/ul
 RT: 15.12 min Scan# 2679
 Delta R.T. -0.01 min
 Lab File: BN012921.D
 Acq: 06 Dec 2020 17:17

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion:	166	Resp:	1479
Ion Ratio	Lower	Upper	
166	100		
165	100.2	79.8	119.8
167	20.7	13.8	20.8

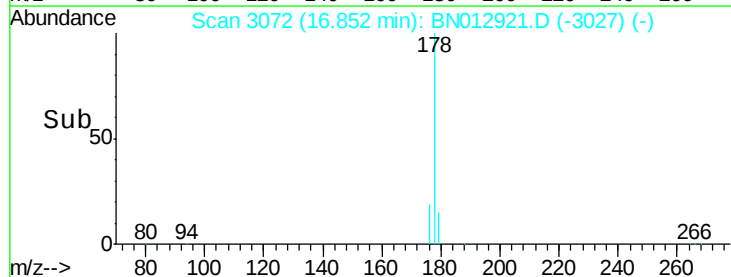
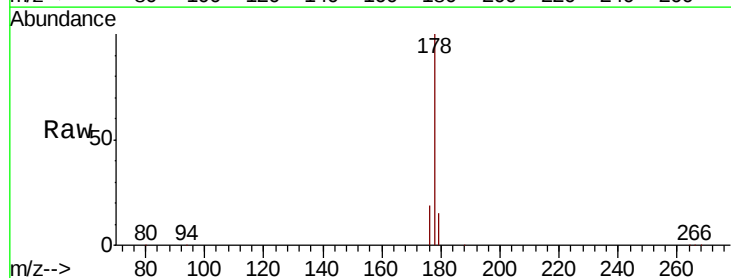
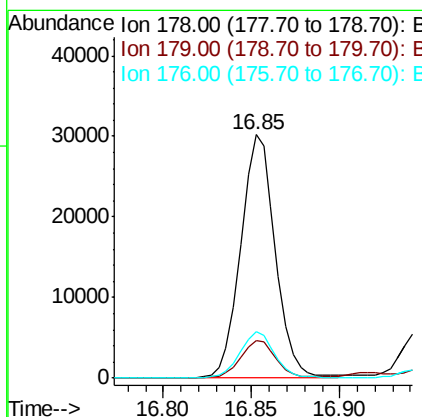
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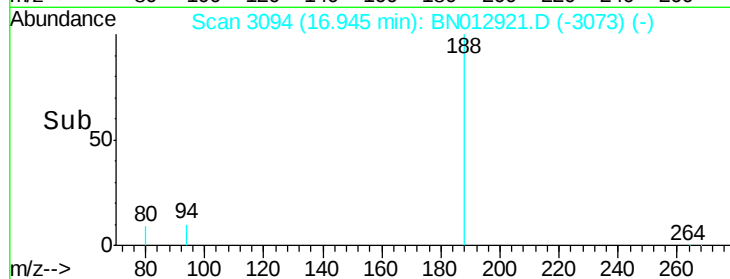
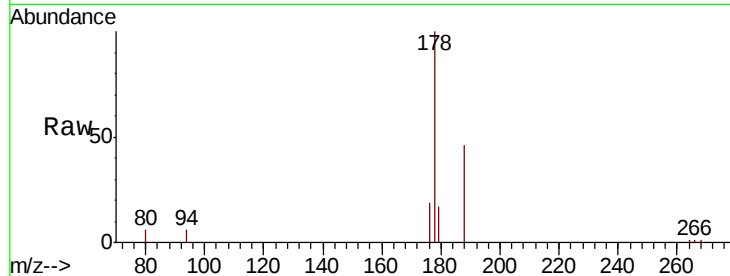
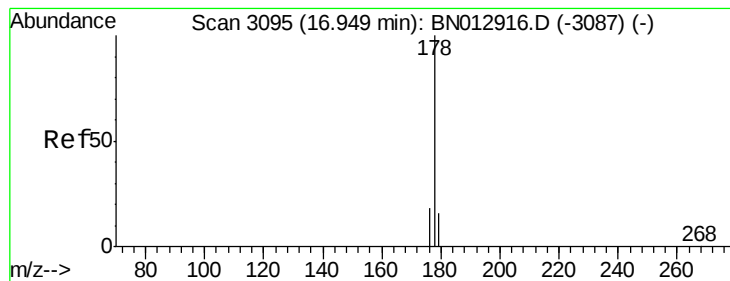
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#12
Phenanthrene
 Concen: 1.327 ng/ul
 RT: 16.85 min Scan# 3072
 Delta R.T. -0.01 min
 Lab File: BN012921.D
 Acq: 06 Dec 2020 17:17

Tgt Ion:	178	Resp:	40613
Ion Ratio	Lower	Upper	
178	100		
179	15.2	13.6	20.4
176	19.3	16.4	24.6





#13

Anthracene

Concen: 0.303 ng/ul

RT: 16.95 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BN012921.D

Acq: 06 Dec 2020 17:17

Tot Ion:	178	Resp:	7894
Ion Ratio	Lower	Upper	
178	100		
179	16.9	14.6	21.8
176	19.1	17.1	25.7

Instrument :

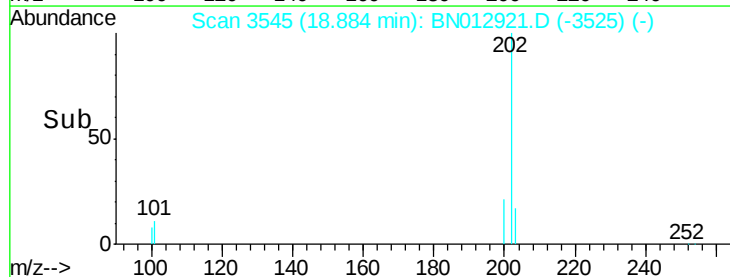
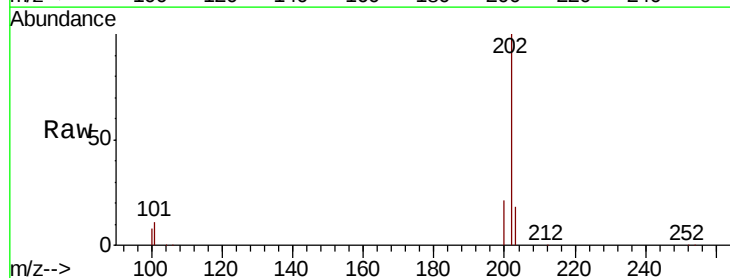
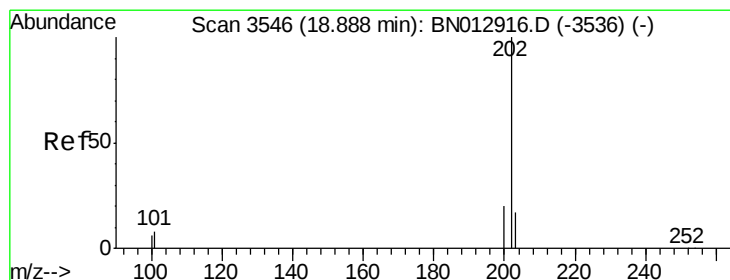
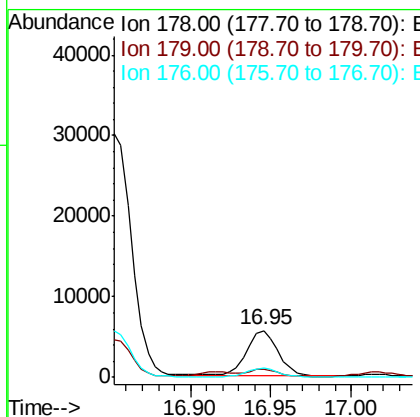
BNA_N

ClientSampleId :

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#15

Fluoranthene

Concen: 3.782 ng/ul

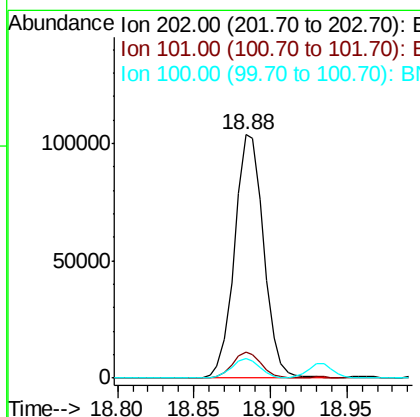
RT: 18.88 min Scan# 3545

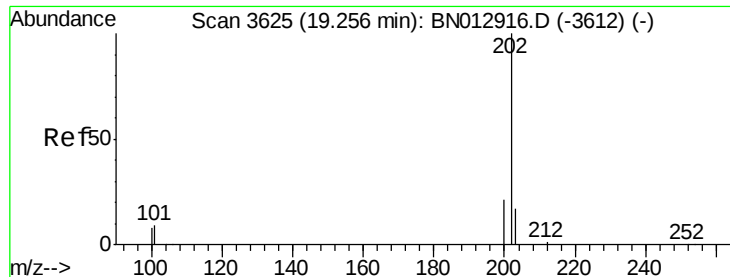
Delta R.T. -0.01 min

Lab File: BN012921.D

Acq: 06 Dec 2020 17:17

Tgt Ion:	202	Resp:	137536
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	30.6
100	8.3	0.0	28.7





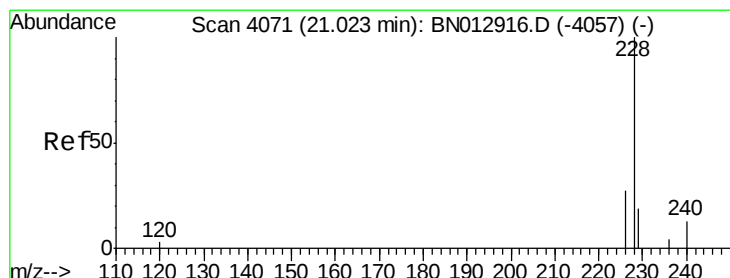
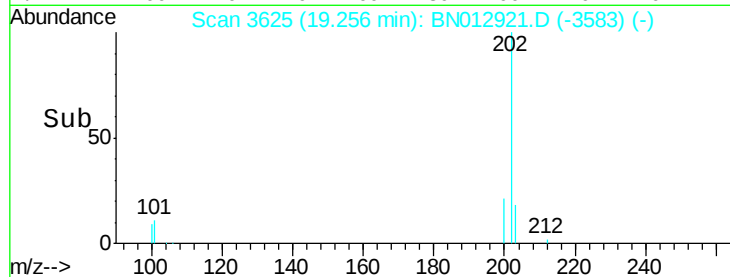
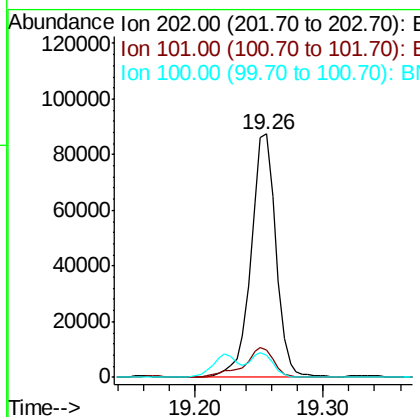
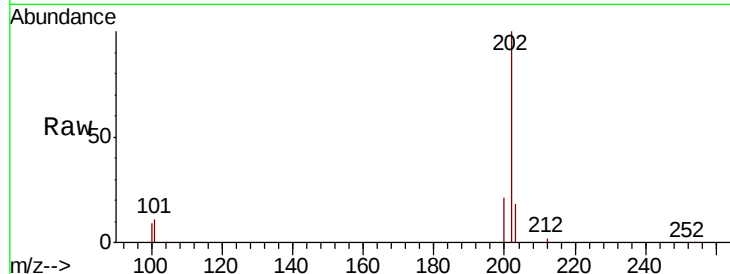
#17
Pvrene
Concen: 3.473 ng/ul
RT: 19.26 min Scan# 3625
Delta R.T. -0.00 min
Lab File: BN012921.D
Acq: 06 Dec 2020 17:17

Instrument :
BNA_N
ClientSampled :
C0B72

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	9.1	13.7
100	9.2	7.5	11.3

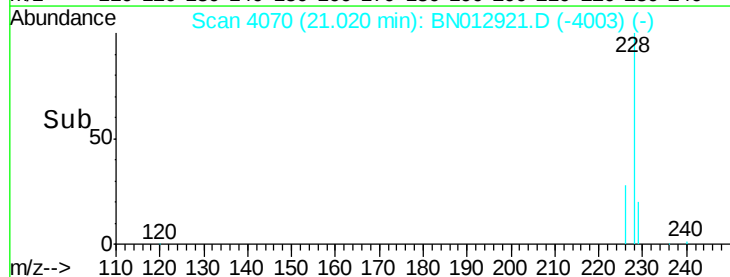
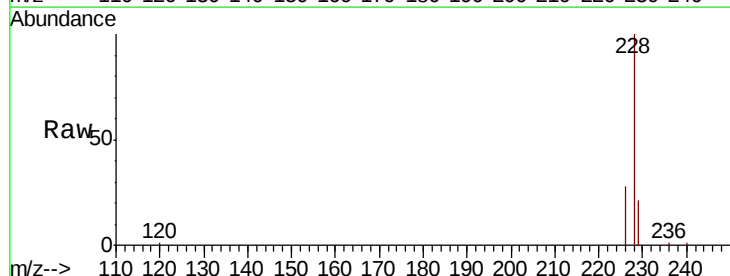
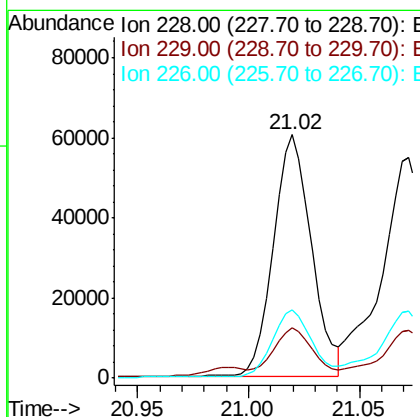
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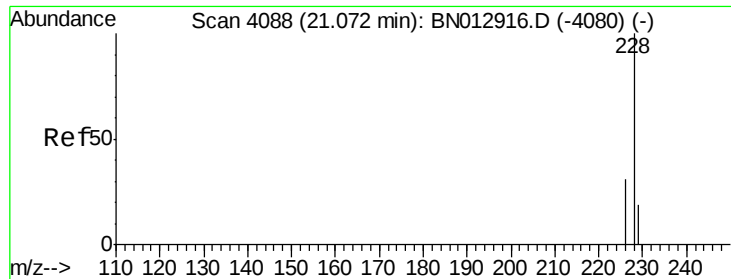
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#18
Benzo(a)anthracene
Concen: 2.412 ng/ul
RT: 21.02 min Scan# 4070
Delta R.T. -0.00 min
Lab File: BN012921.D
Acq: 06 Dec 2020 17:17

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.6	16.3	24.5
226	28.0	23.4	35.2





#19

Chrysene

Concen: 2.352 ng/ul

RT: 21.07 min Scan# 4088

Delta R.T. -0.00 min

Lab File: BN012921.D

Acq: 06 Dec 2020 17:17

Instrument :

BNA_N

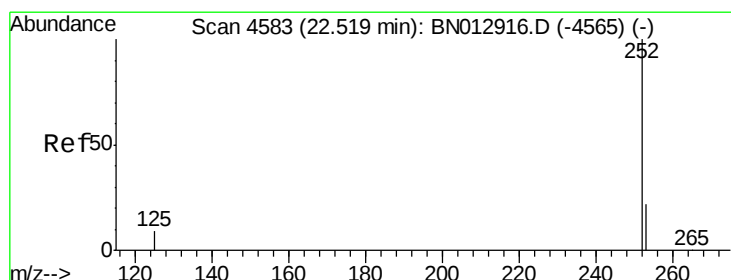
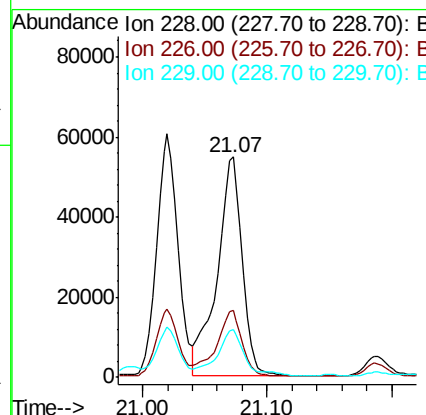
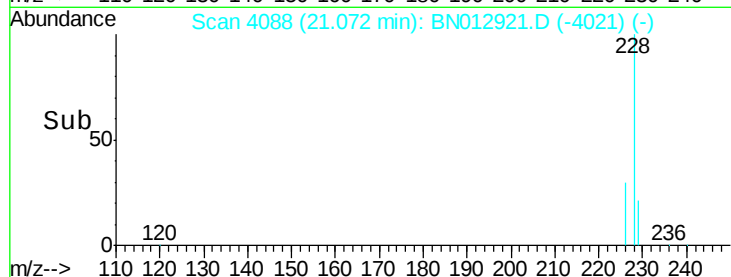
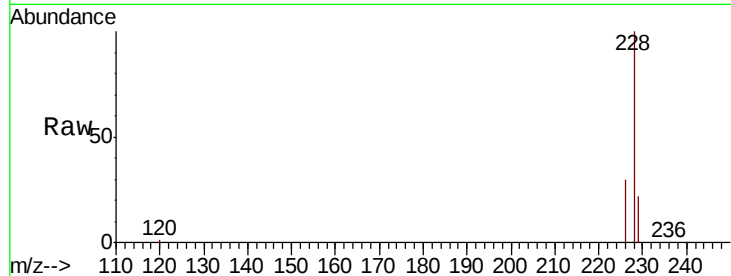
ClientSampleId :

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Tot Ion:228	Resp:	76941
Ion Ratio	Lower	Upper
228 100		
226 30.1	25.0	37.6
229 21.8	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 3.568 ng/ul m

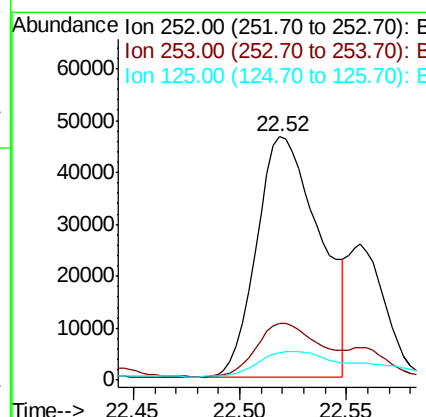
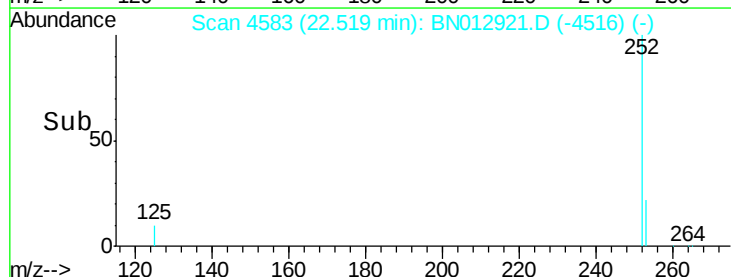
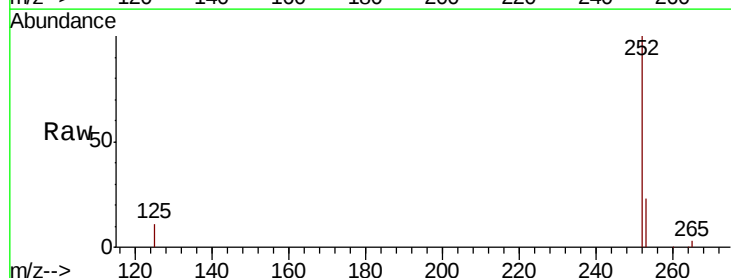
RT: 22.52 min Scan# 4583

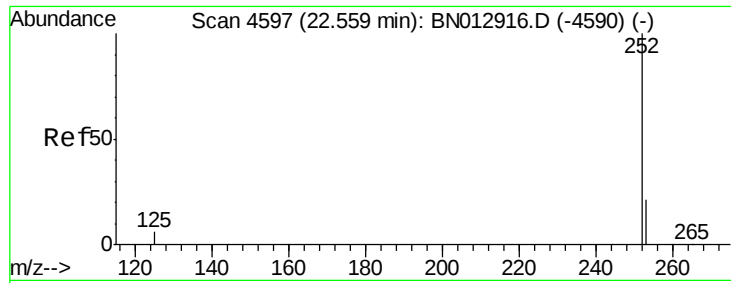
Delta R.T. -0.00 min

Lab File: BN012921.D

Acq: 06 Dec 2020 17:17

Tgt Ion:252	Resp:	96171
Ion Ratio	Lower	Upper
252 100		
253 23.4	0.0	59.6
125 11.3	0.0	26.0





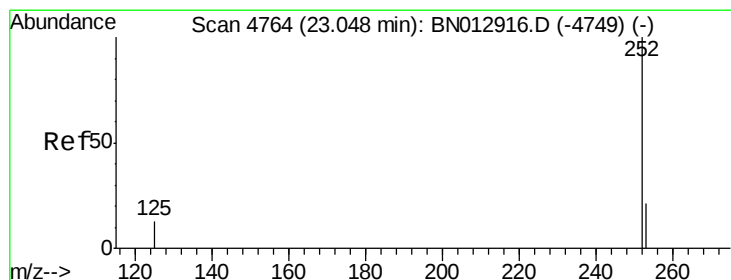
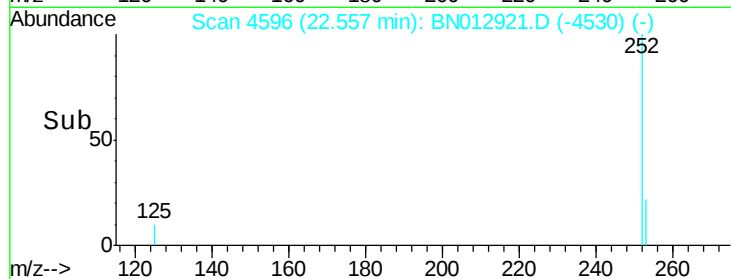
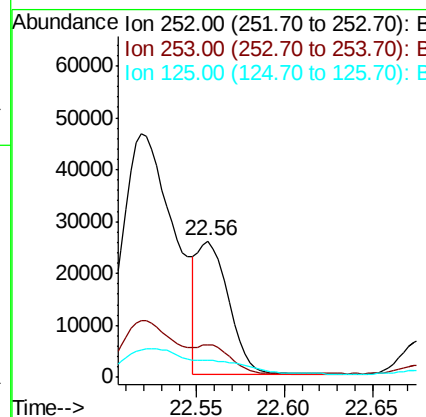
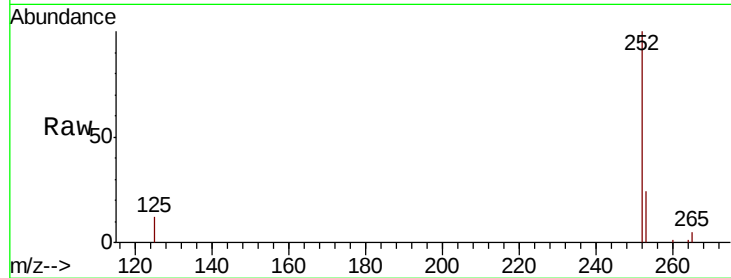
#22
Benzo(k)fluoranthene
Concen: 1.051 ng/ul m
RT: 22.56 min Scan# 4596
Delta R.T. -0.01 min
Lab File: BN012921.D
Acq: 06 Dec 2020 17:17

Instrument :
BNA_N
ClientSampleId :
C0B72

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	23.4	35.2
125	12.4	11.1	16.7

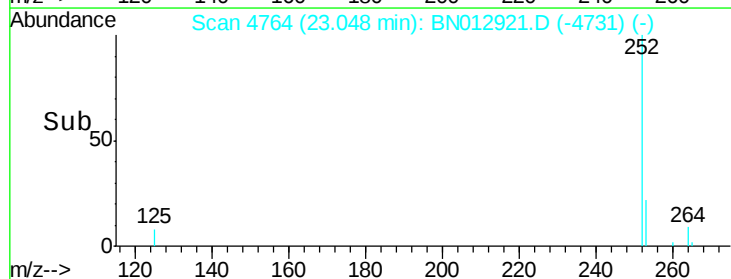
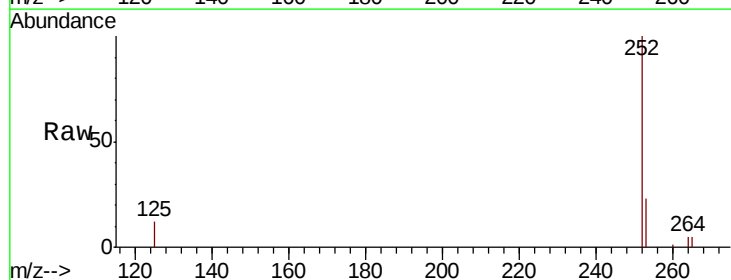
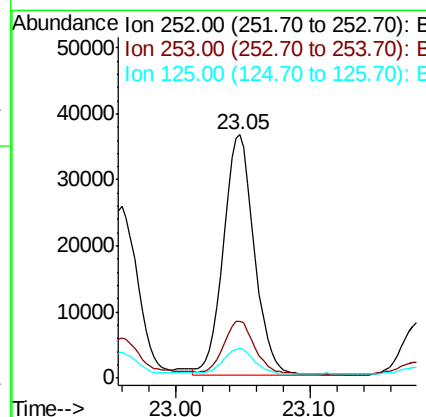
Manual Integrations
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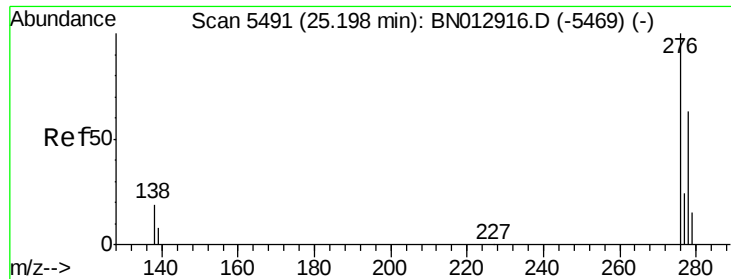
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#23
Benzo(a)pyrene
Concen: 2.342 ng/ul m
RT: 23.05 min Scan# 4764
Delta R.T. -0.00 min
Lab File: BN012921.D
Acq: 06 Dec 2020 17:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	26.5	39.7#
125	12.4	14.2	21.2#





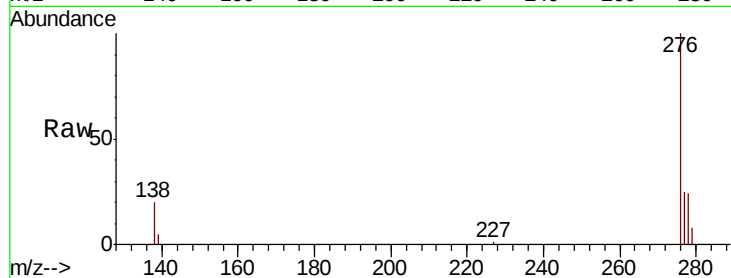
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.046 ng/ul
 RT: 25.19 min Scan# 5490
 Delta R.T. -0.01 min
 Lab File: BN012921.D
 Acq: 06 Dec 2020 17:17

Instrument :
 BNA_N
 ClientSampleId :
 C0B72

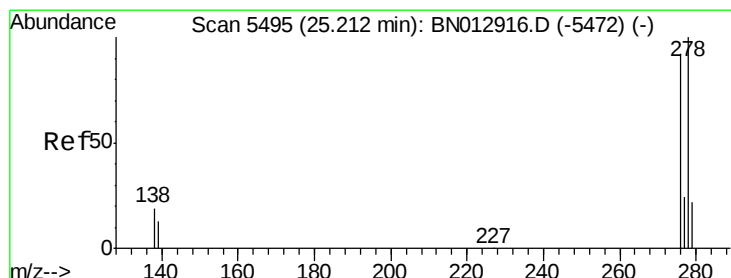
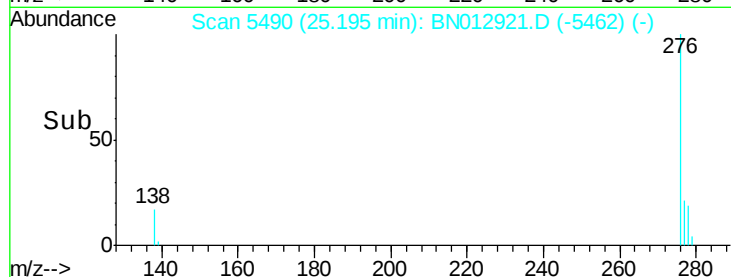
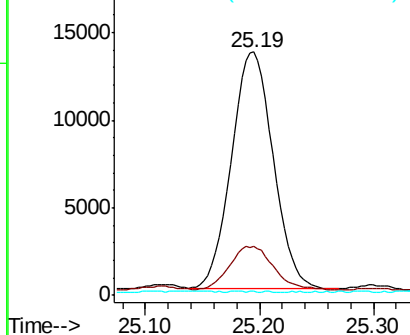
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.0	16.2	24.2
227	0.0	0.0	0.0

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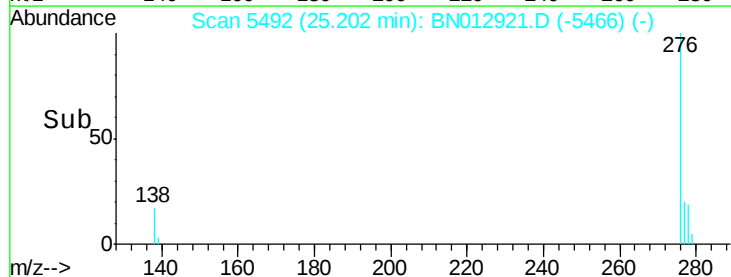
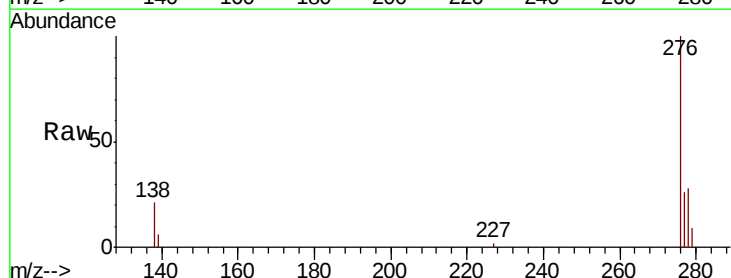
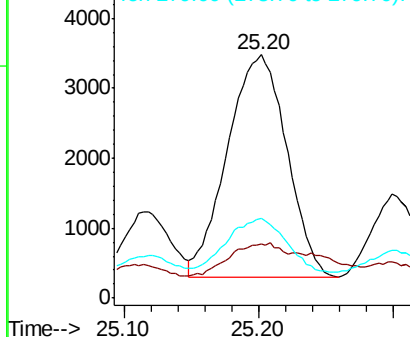
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

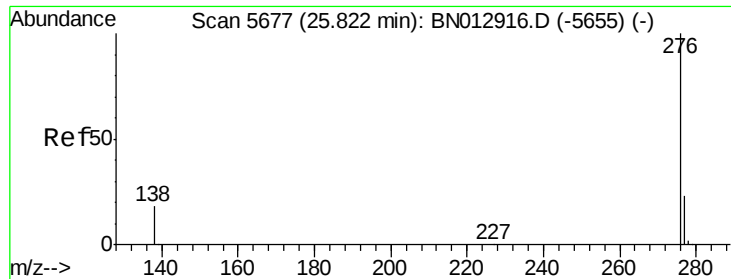


#25
 Dibenzo(a,h)anthracene
 Concen: 0.373 ng/ul
 RT: 25.20 min Scan# 5492
 Delta R.T. -0.01 min
 Lab File: BN012921.D
 Acq: 06 Dec 2020 17:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.4	14.5	21.7#
279	32.8	26.3	39.5

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





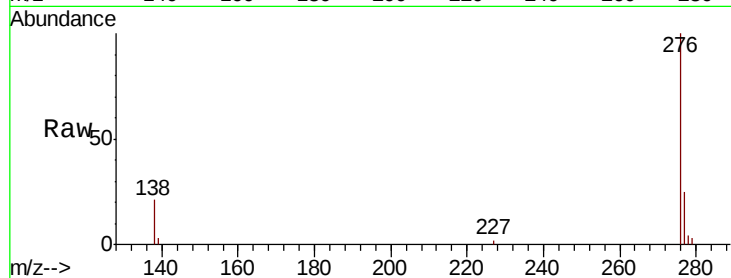
#26
 Benzo(a,h,i)perylene
 Concen: 0.984 ng/ul
 RT: 25.82 min Scan# 5677
 Delta R.T. -0.01 min
 Lab File: BN012921.D
 Acq: 06 Dec 2020 17:17

Instrument :
 BNA_N
 ClientSampleId :
 C0B72

Tot Ion:	276	Resp:	29235
Ion Ratio	Lower	Upper	
276	100		
138	20.7	16.3	24.5
277	24.9	21.8	32.6

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

