

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
 Data File : BN012920.D
 Acq On : 06 Dec 2020 16:41
 Operator : CG/JU
 Sample : L4859-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B94

Manual Integrations
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mohammad
 12/7/2020 2:11:41 PM

Quant Time: Dec 07 03:26:03 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	1678	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	7003	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.06	164	4033	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	8979	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	7416	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	6330	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	1038	0.10	ng/ul	-0.02
14) Fluoranthene-d10	18.86	212	2458	0.10	ng/ul	0.00
Target Compounds						Ovalue
3) Naphthalene	10.20	128	1426	0.070	ng/ul	98
5) 2-Methylnaphthalene	11.84	142	783	0.059	ng/ul	96
7) Acenaphthylene	13.77	152	5077	0.266	ng/ul	96
8) Acenaphthene	14.12	153	2847	0.182	ng/ul	100
9) Fluorene	15.12	166	3601	0.200	ng/ul	99
12) Phenanthrene	16.85	178	102153	3.393	ng/ul	96
13) Anthracene	16.95	178	22058	0.861	ng/ul	95
15) Fluoranthene	18.89	202	323525	9.043	ng/ul	96
17) Pyrene	19.25	202	271818	7.760	ng/ul	98
18) Benzo(a)anthracene	21.02	228	158618	5.170	ng/ul	99
19) Chrysene	21.07	228	162760	4.801	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	207427m	7.083	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	65211m	2.015	ng/ul	
23) Benzo(a)pyrene	23.05	252	128324m	4.723	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.20	276	86493	2.423	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.21	278	21419	0.759	ng/ul	95
26) Benzo(a,h,i)perylene	25.83	276	72779	2.254	ng/ul	97

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

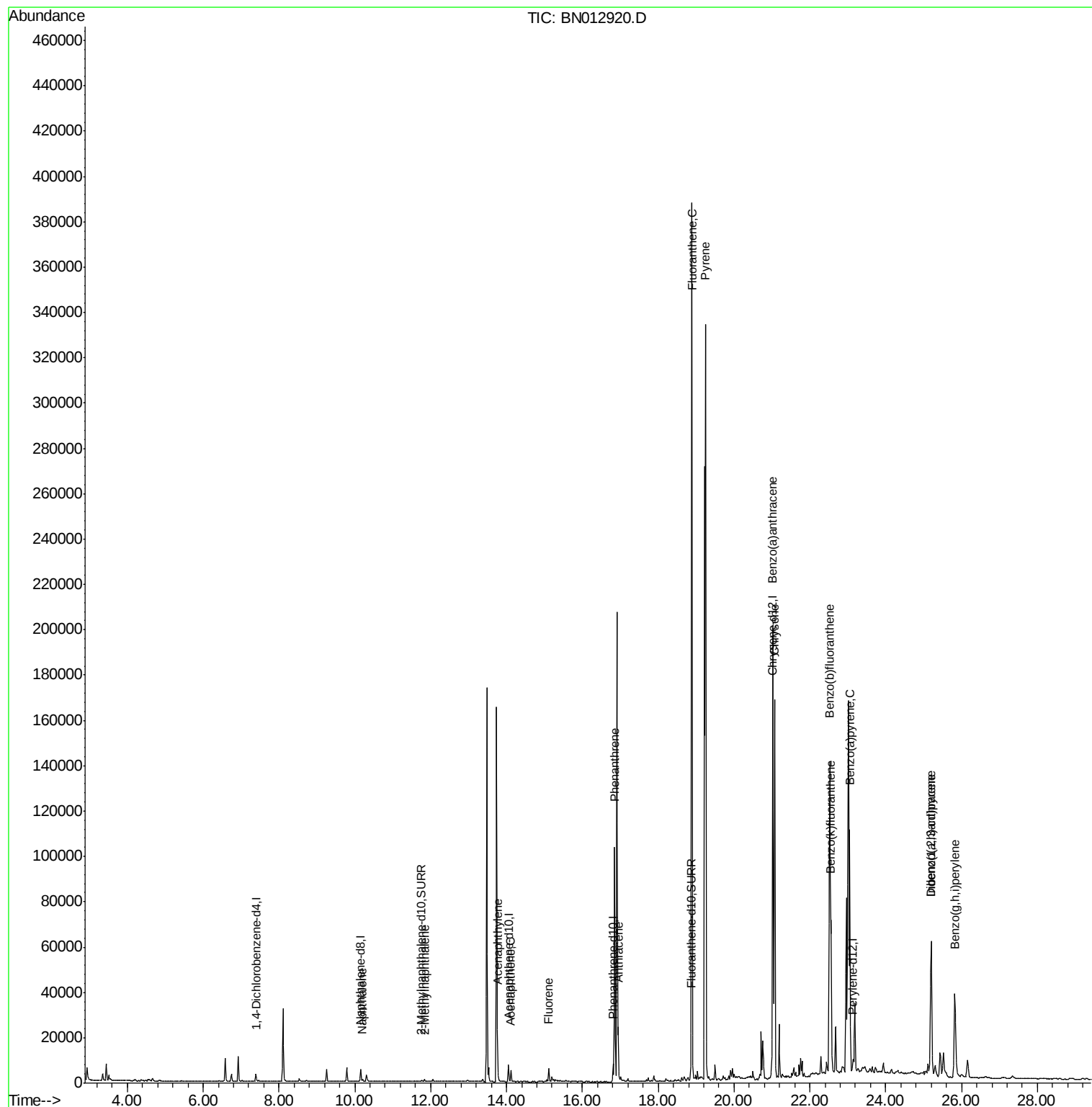
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
Data File : BN012920.D
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ALS Vial : 34 Sample Multiplier: 1

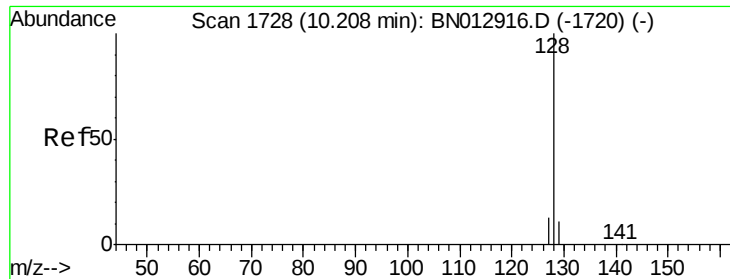
Instrument :
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Quant Time: Dec 07 03:26:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 03:06:53 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.070 ng/ul

RT: 10.20 min Scan# 1727

Delta R.T. -0.01 min

Lab File: BN012920.D

Acq: 06 Dec 2020 16:41

Instrument :

BNA_N

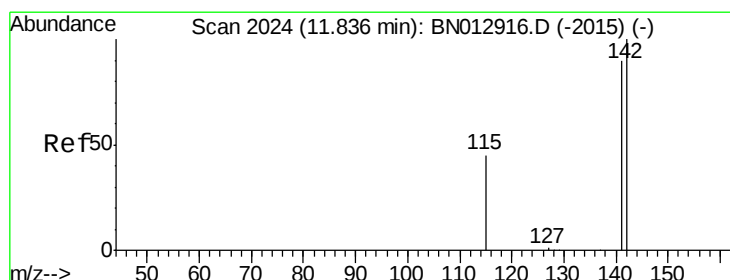
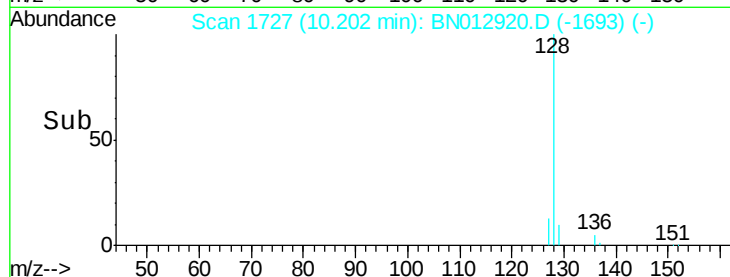
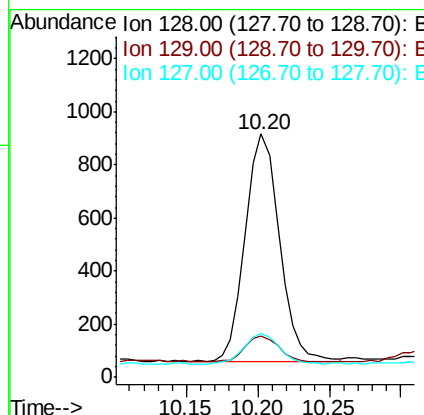
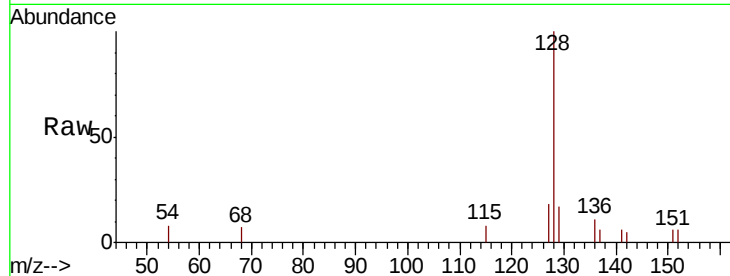
ClientSampleId :

C0B94

Tot Ion:	128	Resp:	1426
Ion	Ratio	Lower	Upper
128	100		
129	16.8	12.3	18.5
127	17.8	14.2	21.4

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#5

2-Methylnaphthalene

Concen: 0.059 ng/ul

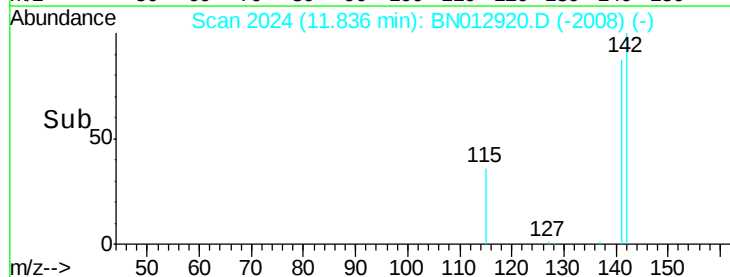
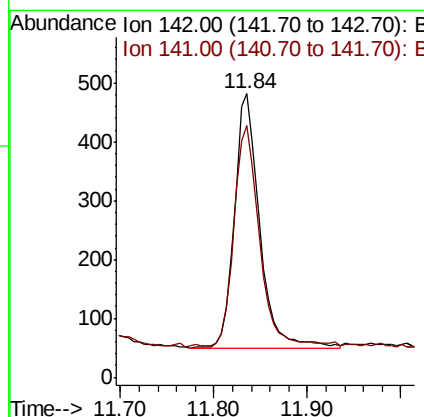
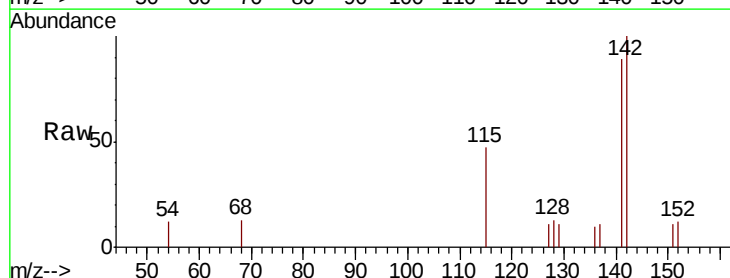
RT: 11.84 min Scan# 2024

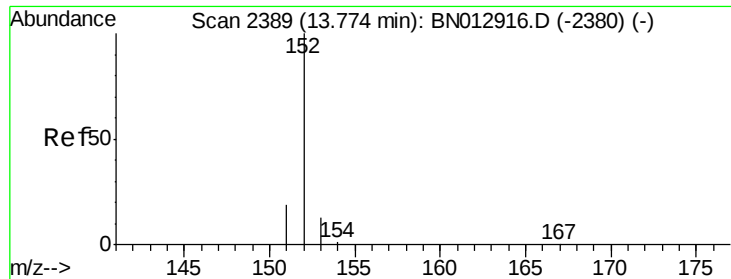
Delta R.T. -0.01 min

Lab File: BN012920.D

Acq: 06 Dec 2020 16:41

Tgt Ion:	142	Resp:	783
Ion	Ratio	Lower	Upper
142	100		
141	87.9	73.0	109.6





#7

Acenaphthylene

Concen: 0.266 ng/ul

RT: 13.77 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BN012920.D

Acq: 06 Dec 2020 16:41

Instrument :

BNA_N

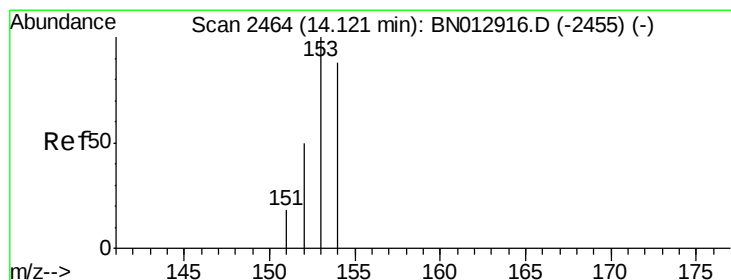
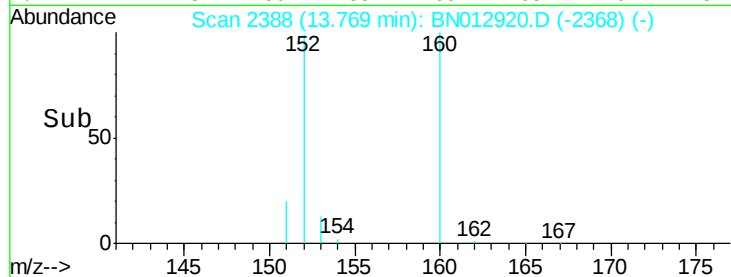
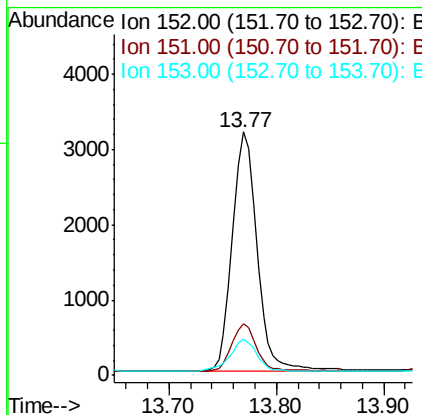
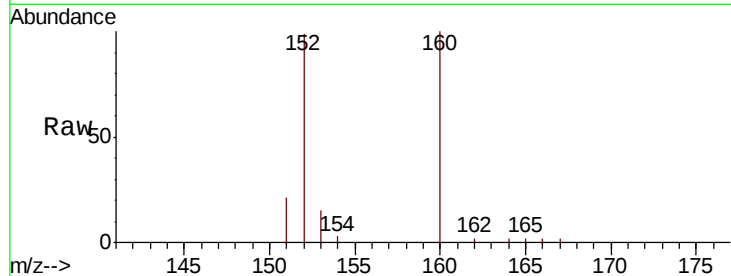
ClientSampleId :

C0B94

Tot Ion:	152	Resp:	5077
Ion	Ratio	Lower	Upper
152	100		
151	21.0	18.2	27.4
153	15.0	13.1	19.7

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#8

Acenaphthene

Concen: 0.182 ng/ul

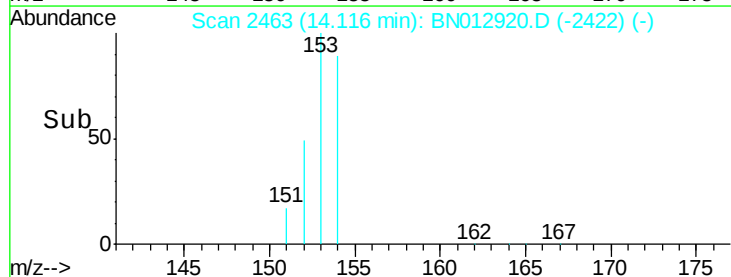
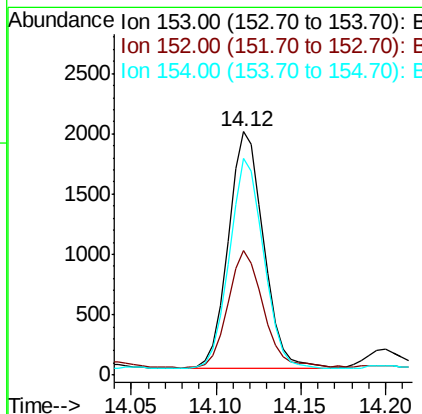
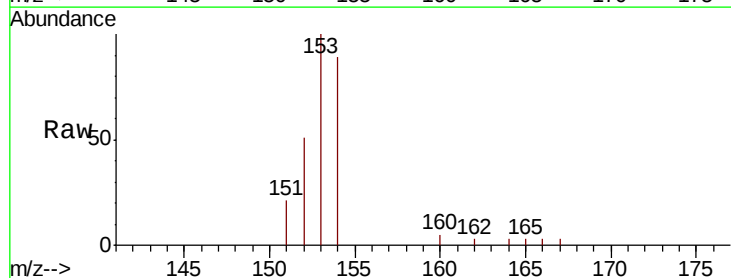
RT: 14.12 min Scan# 2463

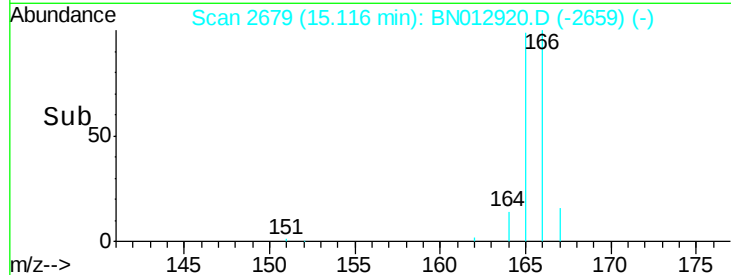
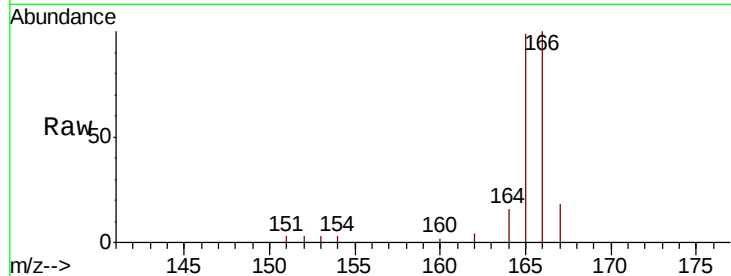
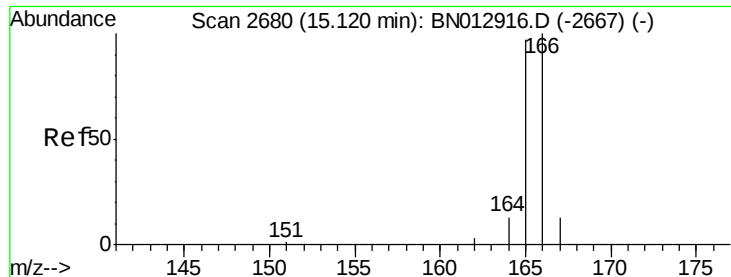
Delta R.T. -0.01 min

Lab File: BN012920.D

Acq: 06 Dec 2020 16:41

Tgt Ion:	153	Resp:	2847
Ion	Ratio	Lower	Upper
153	100		
152	51.2	40.7	61.1
154	88.9	70.8	106.2





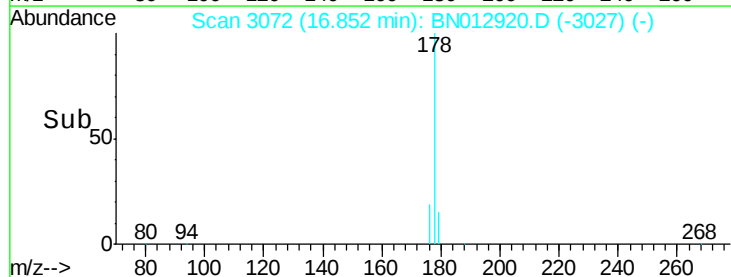
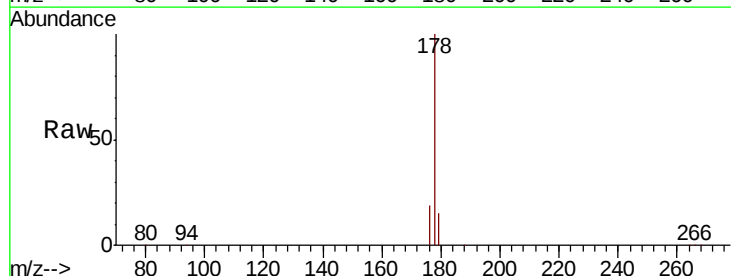
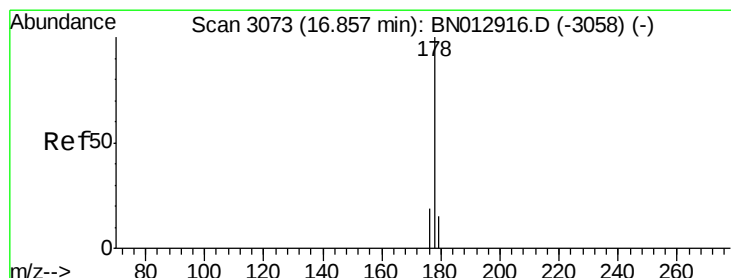
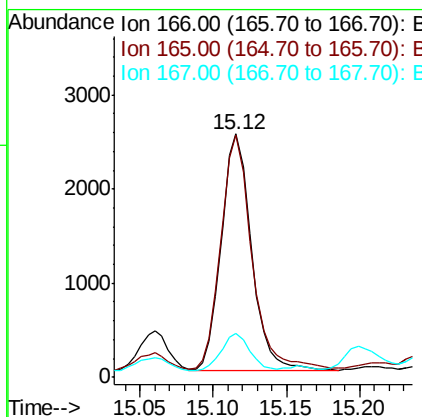
#9
Fluorene
 Concen: 0.200 ng/ul
 RT: 15.12 min Scan# 2679
 Delta R.T. -0.01 min
 Lab File: BN012920.D
 Acq: 06 Dec 2020 16:41

Tot Ion:	166	Resp:	3601
Ion Ratio	Lower	Upper	
166	100		
165	99.3	79.8	119.8
167	17.8	13.8	20.8

Instrument :
 BNA_N
 ClientSampleId :
 C0B94

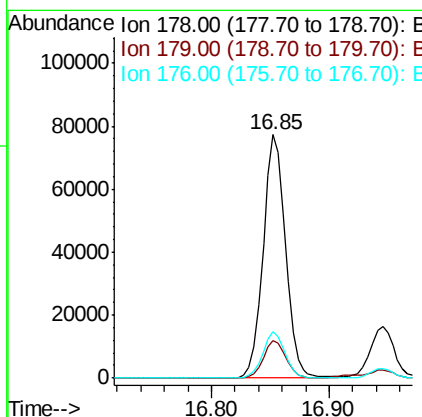
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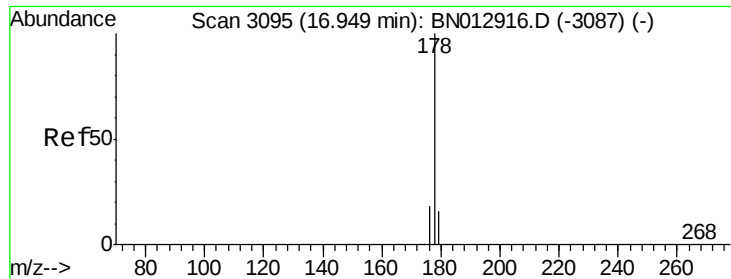
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#12
Phenanthrene
 Concen: 3.393 ng/ul
 RT: 16.85 min Scan# 3072
 Delta R.T. -0.01 min
 Lab File: BN012920.D
 Acq: 06 Dec 2020 16:41

Tgt Ion:	178	Resp:	102153
Ion Ratio	Lower	Upper	
178	100		
179	15.3	13.6	20.4
176	18.9	16.4	24.6





#13

Anthracene

Concen: 0.861 ng/ul

RT: 16.95 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BN012920.D

Acq: 06 Dec 2020 16:41

Instrument :

BNA_N

ClientSampleId :

C0B94

Tot Ion:178 Resp: 22058

Ion Ratio Lower Upper

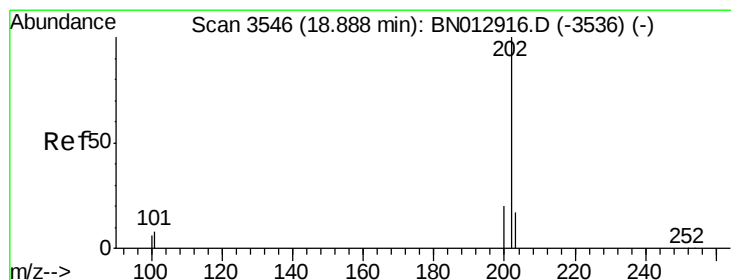
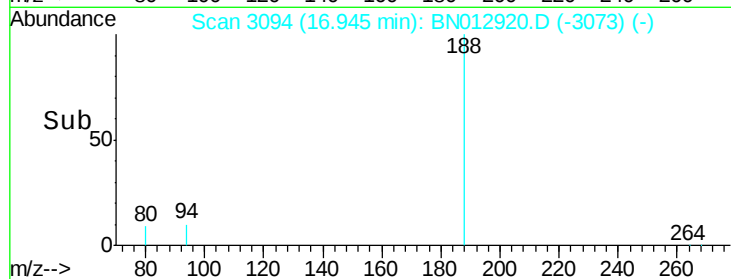
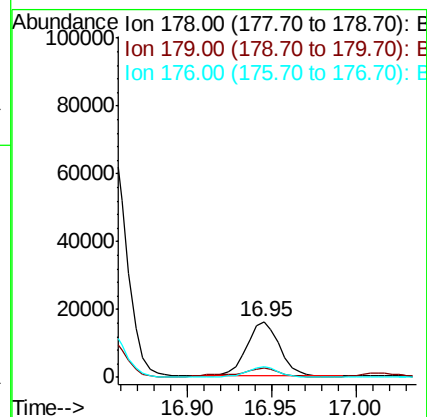
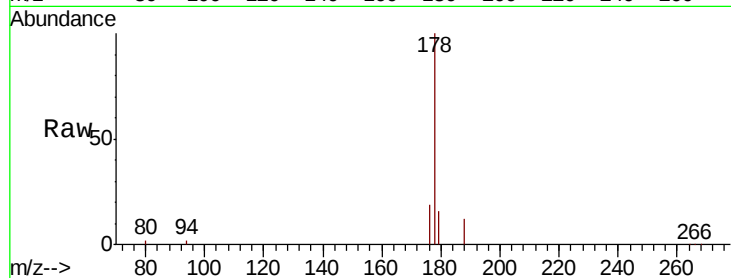
178 100

179 16.3 14.6 21.8

176 18.6 17.1 25.7

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#15

Fluoranthene

Concen: 9.043 ng/ul

RT: 18.89 min Scan# 3546

Delta R.T. -0.00 min

Lab File: BN012920.D

Acq: 06 Dec 2020 16:41

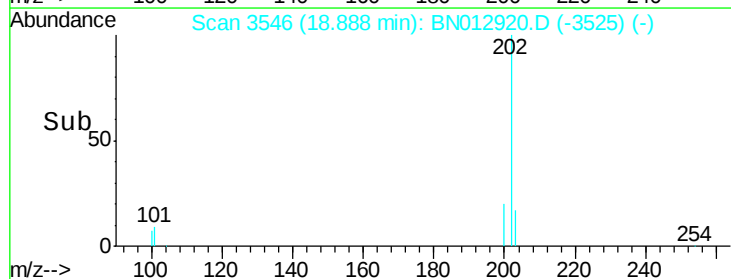
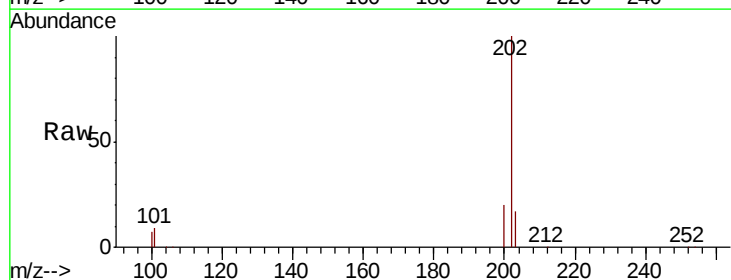
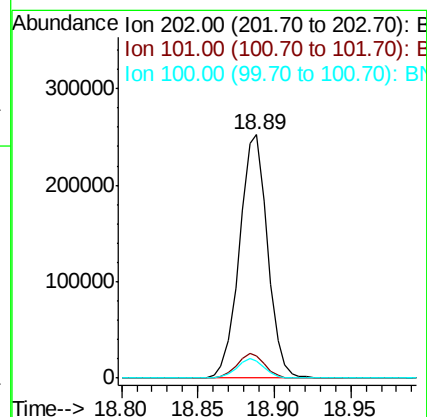
Tgt Ion:202 Resp: 323525

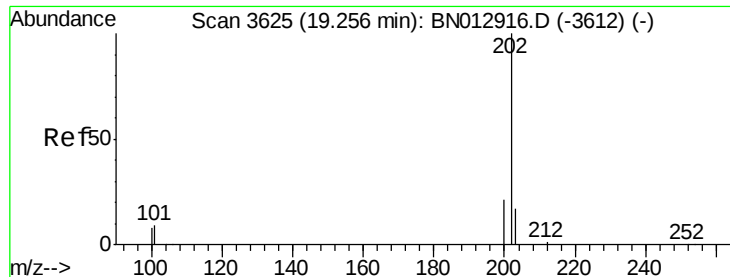
Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.6

100 7.0 0.0 28.7





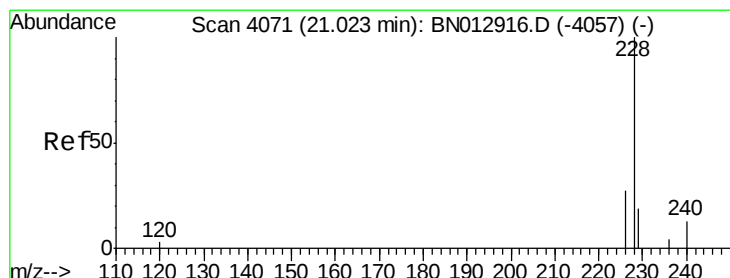
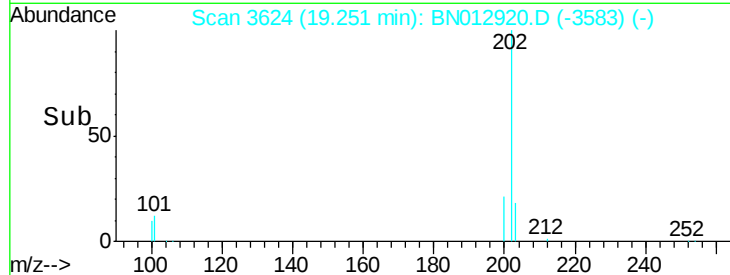
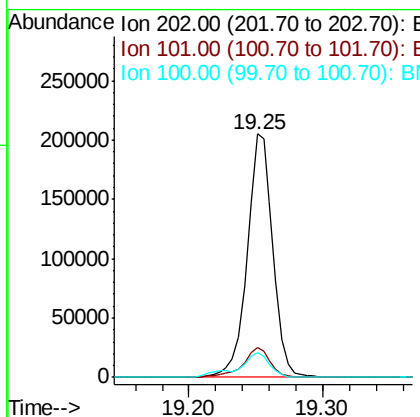
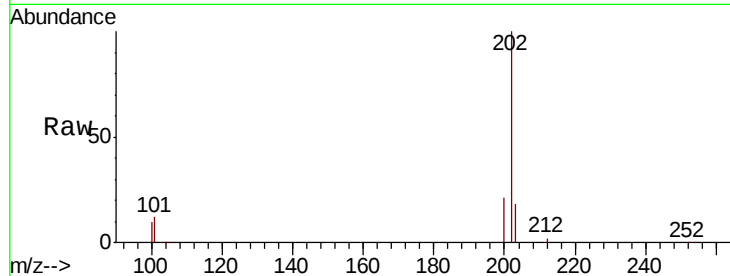
#17
Pvrene
Concen: 7.760 ng/ul
RT: 19.25 min Scan# 3624
Delta R.T. -0.01 min
Lab File: BN012920.D
Acq: 06 Dec 2020 16:41

Instrument :
BNA_N
ClientSampled :
C0B94

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.2	9.1	13.7
100	10.2	7.5	11.3

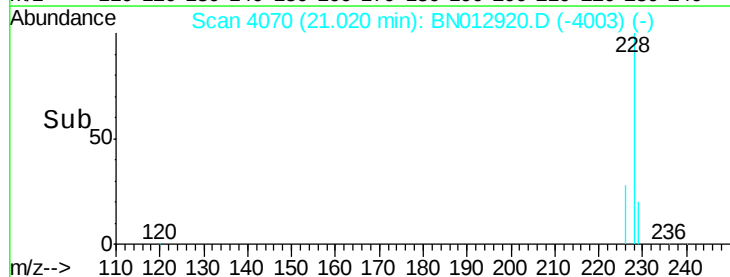
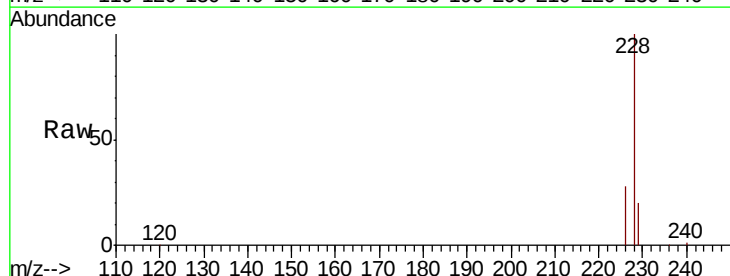
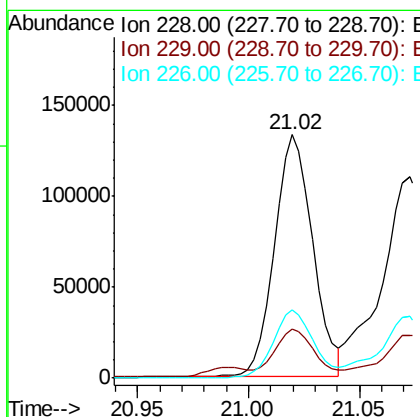
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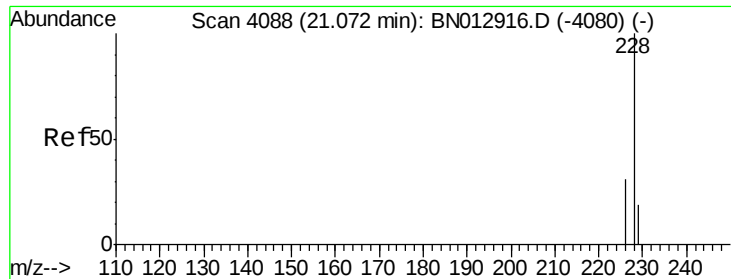
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#18
Benzo(a)anthracene
Concen: 5.170 ng/ul
RT: 21.02 min Scan# 4070
Delta R.T. -0.00 min
Lab File: BN012920.D
Acq: 06 Dec 2020 16:41

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.3	16.3	24.5
226	28.1	23.4	35.2





#19

Chrysene

Concen: 4.801 ng/ul

RT: 21.07 min Scan# 4088

Delta R.T. -0.00 min

Lab File: BN012920.D

Acq: 06 Dec 2020 16:41

Instrument :

BNA_N

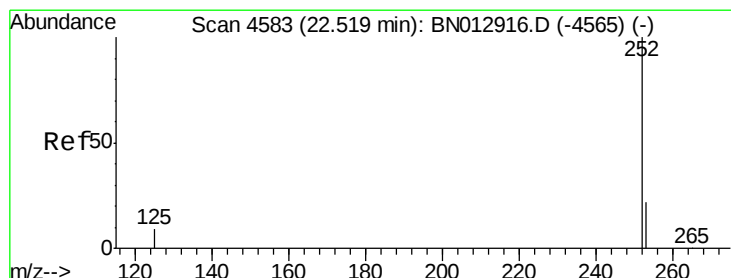
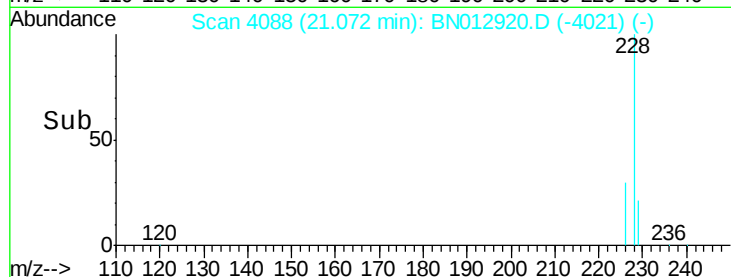
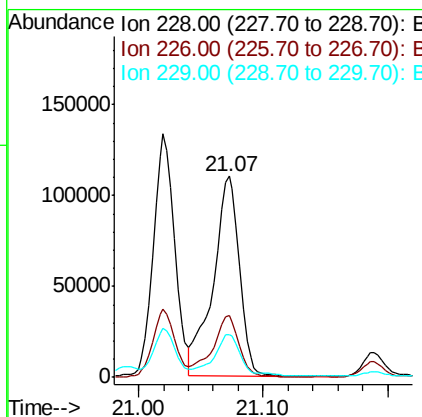
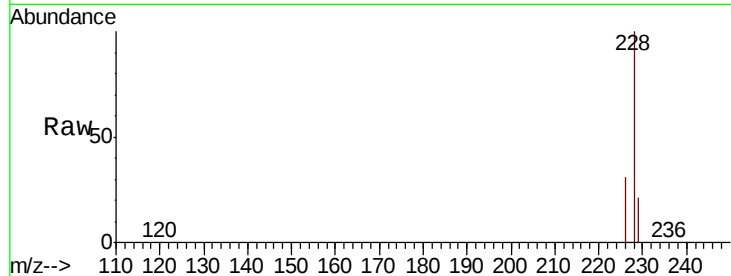
ClientSampleId :

C0B94

Tot Ion:	228	Resp:	162760
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.0	37.6
229	21.5	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 7.083 ng/ul m

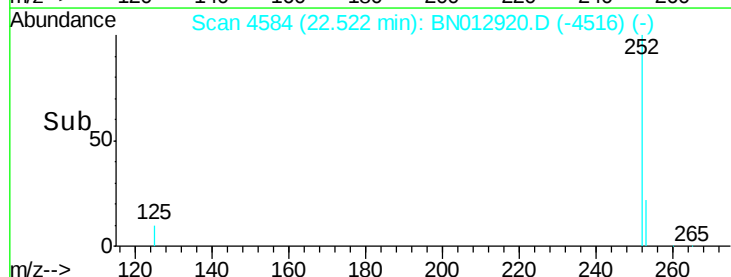
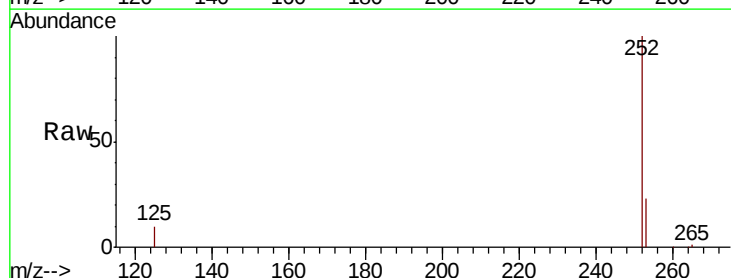
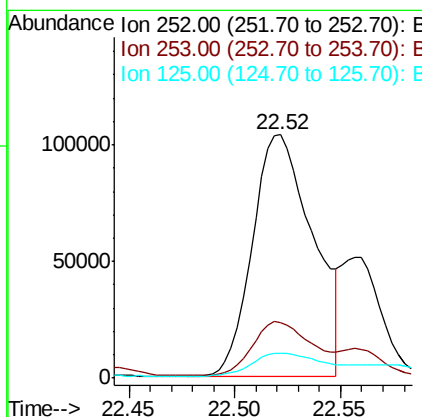
RT: 22.52 min Scan# 4584

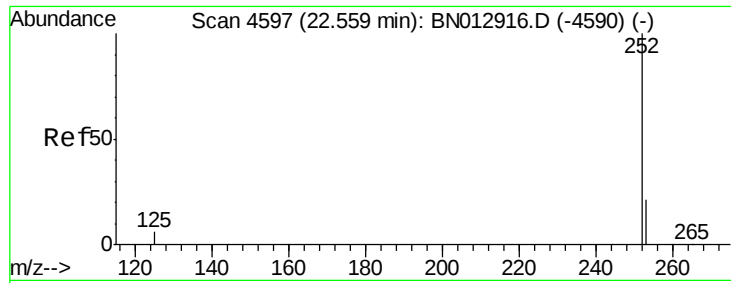
Delta R.T. -0.00 min

Lab File: BN012920.D

Acq: 06 Dec 2020 16:41

Tgt Ion:	252	Resp:	207427
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	59.6
125	10.4	0.0	26.0





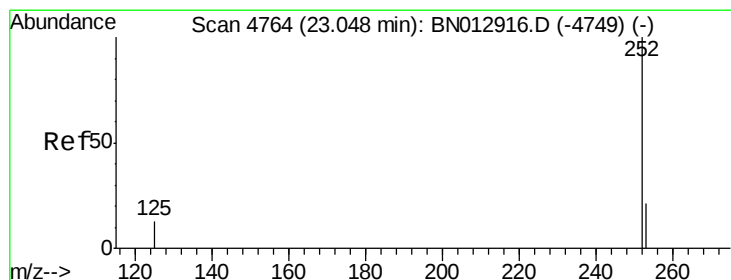
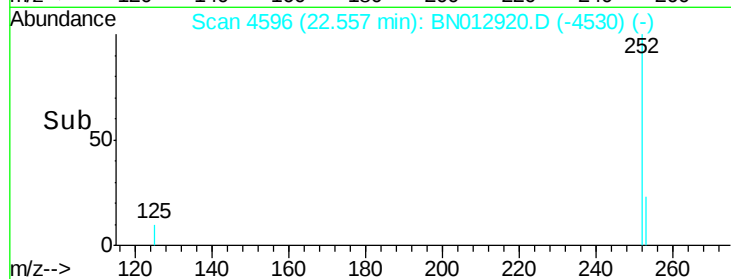
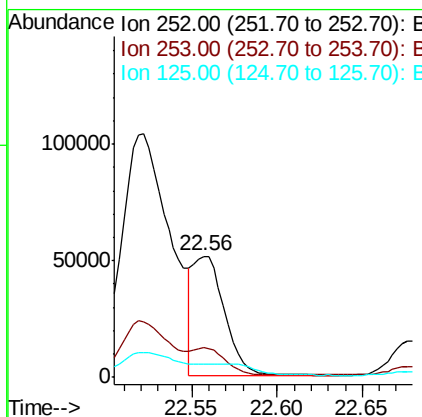
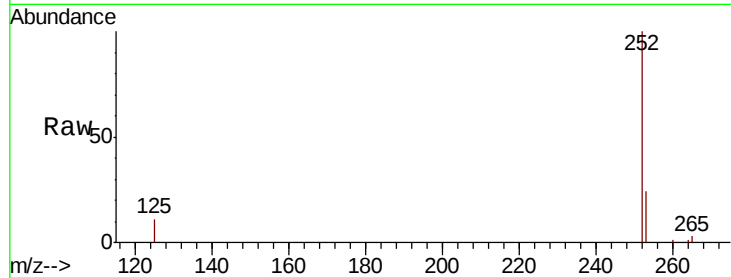
#22
Benzo(k)fluoranthene
Concen: 2.015 ng/ul m
RT: 22.56 min Scan# 4596
Delta R.T. -0.01 min
Lab File: BN012920.D
Acq: 06 Dec 2020 16:41

Instrument :
BNA_N
ClientSampleId :
C0B94

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	23.4	35.2
125	11.3	11.1	16.7

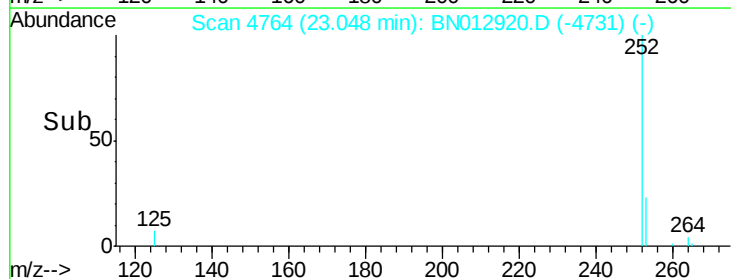
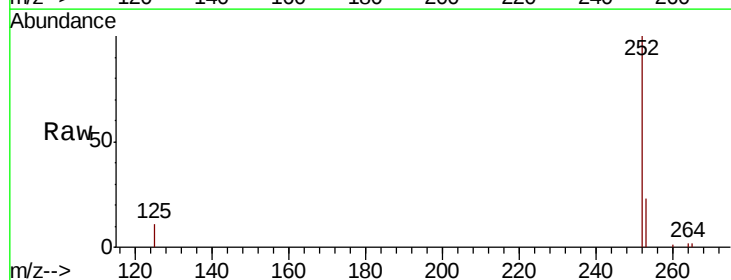
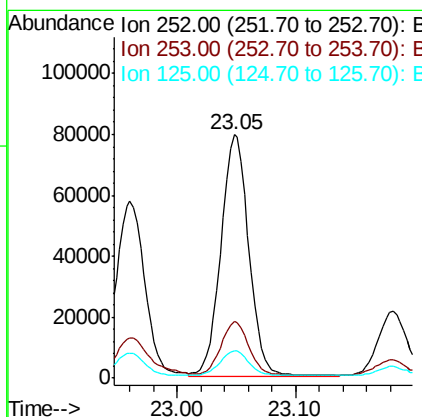
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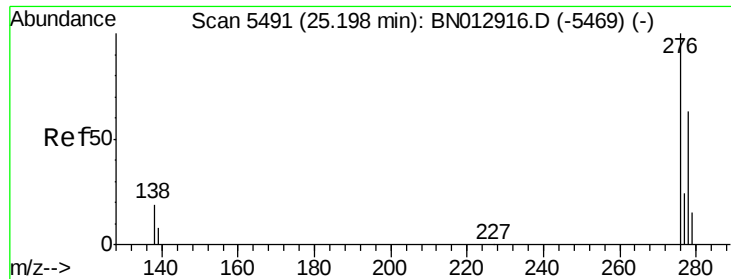
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#23
Benzo(a)pyrene
Concen: 4.723 ng/ul m
RT: 23.05 min Scan# 4764
Delta R.T. -0.00 min
Lab File: BN012920.D
Acq: 06 Dec 2020 16:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	26.5	39.7#
125	11.3	14.2	21.2#





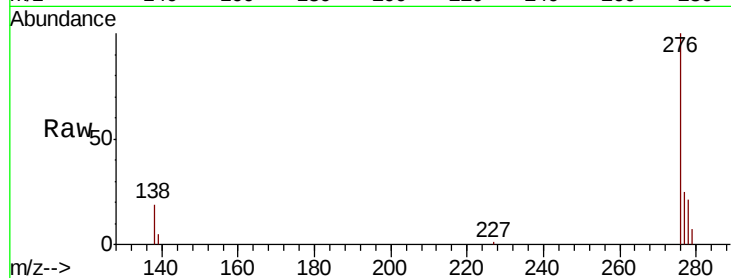
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.423 ng/ul
RT: 25.20 min Scan# 5491
Delta R.T. -0.00 min
Lab File: BN012920.D
Acq: 06 Dec 2020 16:41

Instrument :
BNA_N
ClientSampleId :
C0B94

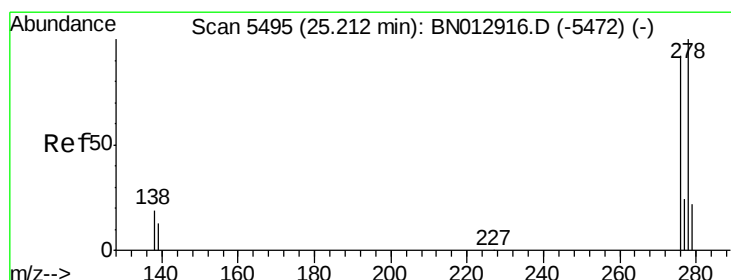
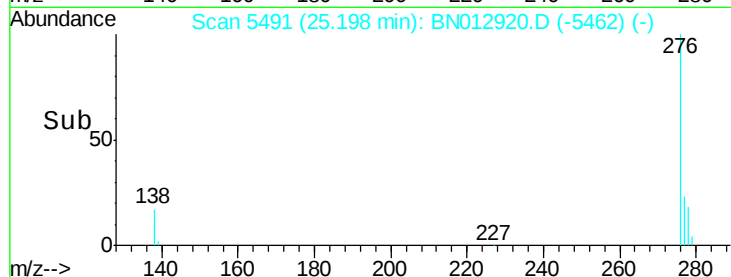
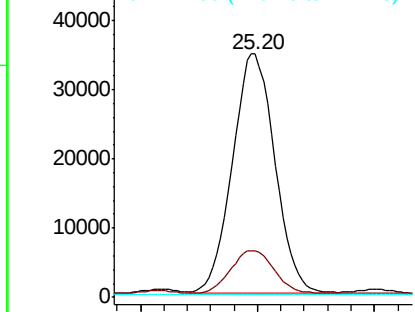
Tot Ion	Ratio	Lower	Upper
276	100		
138	18.6	16.2	24.2
227	0.1	0.0	0.0

Manual Integrations
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12/7/2020 2:11:41 PM



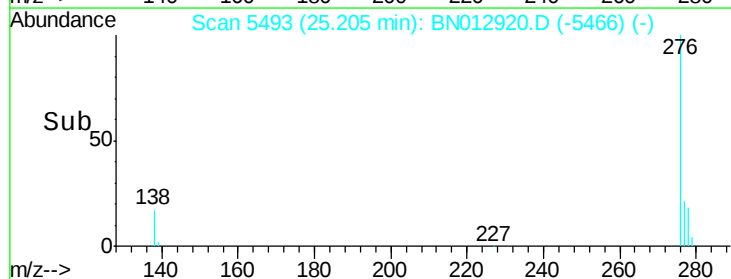
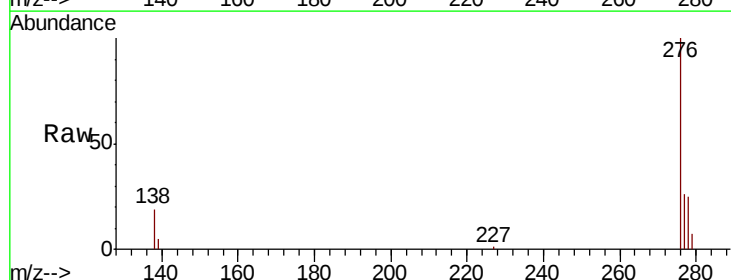
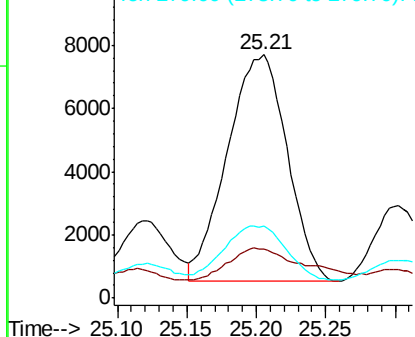
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E

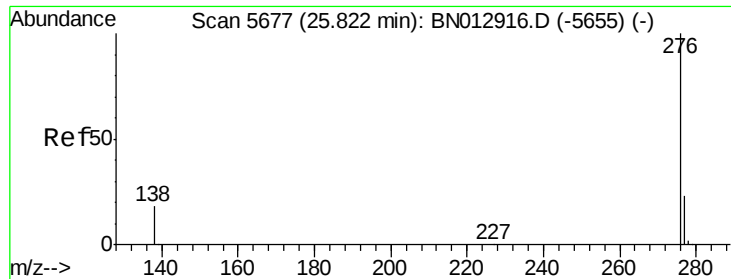


#25
Dibenzo(a,h)anthracene
Concen: 0.759 ng/ul
RT: 25.21 min Scan# 5493
Delta R.T. -0.01 min
Lab File: BN012920.D
Acq: 06 Dec 2020 16:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.3	14.5	21.7
279	29.7	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





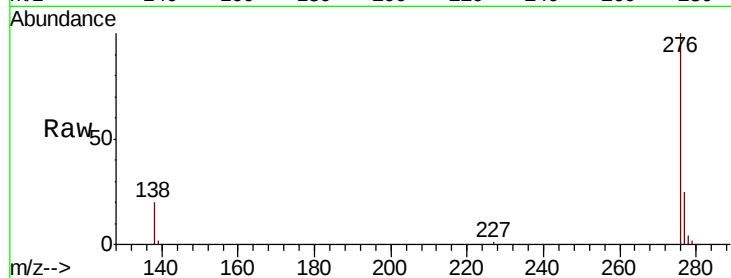
#26
 Benzo(a,h,i)perylene
 Concen: 2.254 ng/ul
 RT: 25.83 min Scan# 5678
 Delta R.T. -0.00 min
 Lab File: BN012920.D
 Acq: 06 Dec 2020 16:41

Instrument :
 BNA_N
 ClientSampleId :
 C0B94

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.3	24.5
277	24.6	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

