

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012947.D
 Acq On : 07 Dec 2020 19:55
 Operator : CG/JU
 Sample : L4864-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B72

Manual Integrations
 APPROVED

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 12/9/2020 12:21:23 PM

Quant Time: Dec 08 00:38:54 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 : Tue Dec 08 00:15:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	988	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4063	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2308	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4955	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4646	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	4111	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	957	0.16	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	2339	0.17	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	536	0.046	ng/ul#	83
5) 2-Methylnaphthalene	11.83	142	250	0.032	ng/ul	92
7) Acenaphthylene	13.77	152	789	0.072	ng/ul#	88
8) Acenaphthene	14.11	153	778	0.087	ng/ul	97
9) Fluorene	15.11	166	860	0.084	ng/ul#	95
12) Phenanthrene	16.85	178	23682	1.425	ng/ul	97
13) Anthracene	16.94	178	4638	0.328	ng/ul	97
15) Fluoranthene	18.88	202	85960	4.354	ng/ul	97
17) Pyrene	19.25	202	76492	3.486	ng/ul	99
18) Benzo(a)anthracene	21.02	228	49122	2.556	ng/ul	98
19) Chrysene	21.07	228	53620	2.525	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	70684m	3.717	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	25780m	1.226	ng/ul	
23) Benzo(a)pyrene	23.04	252	44809	2.539	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.19	276	25608	1.105	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.20	278	7232	0.394	ng/ul	98
26) Benzo(a,h,i)perylene	25.82	276	21854	1.042	ng/ul	97

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

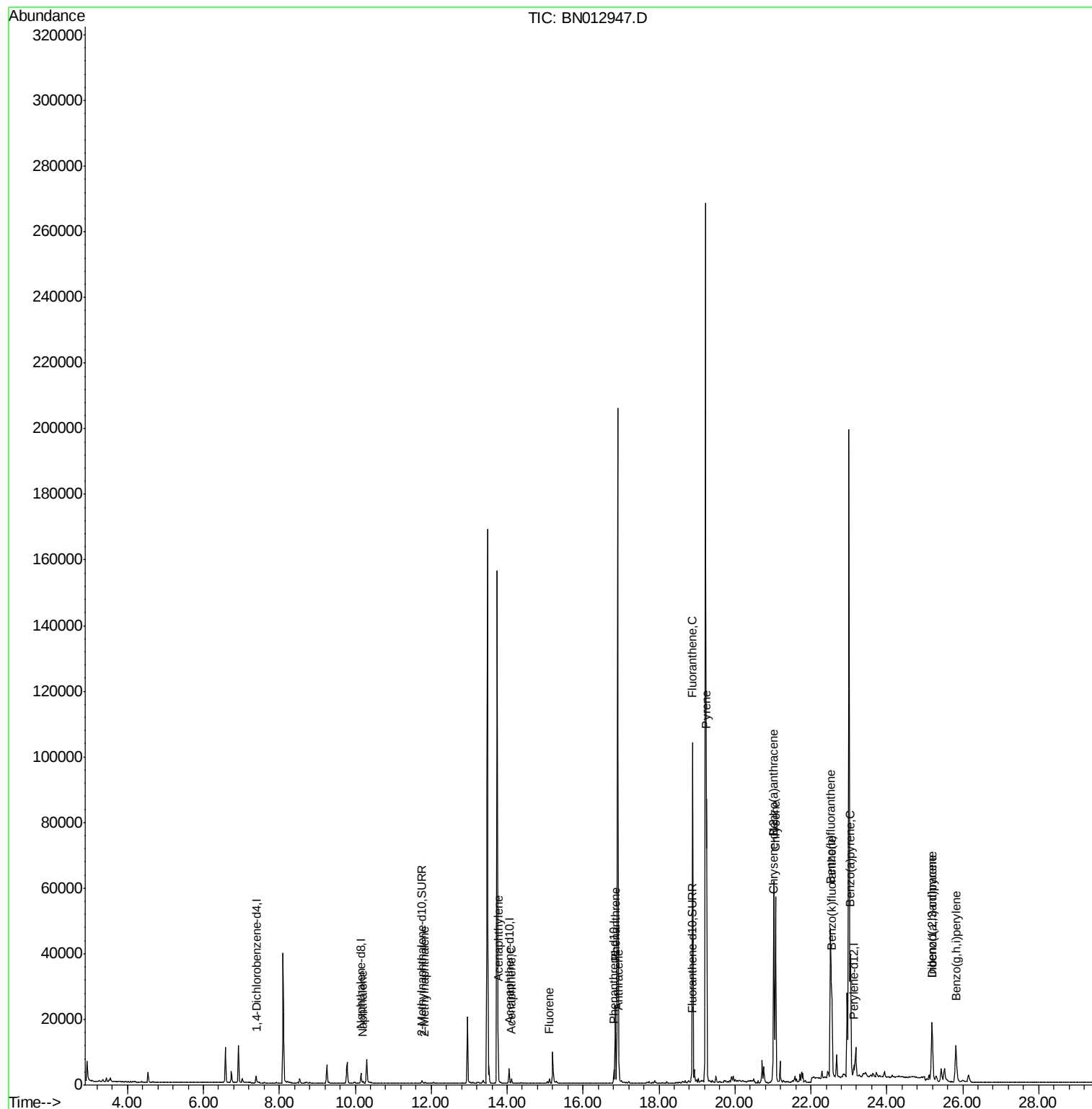
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012947.D
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ALS Vial : 16 Sample Multiplier: 1

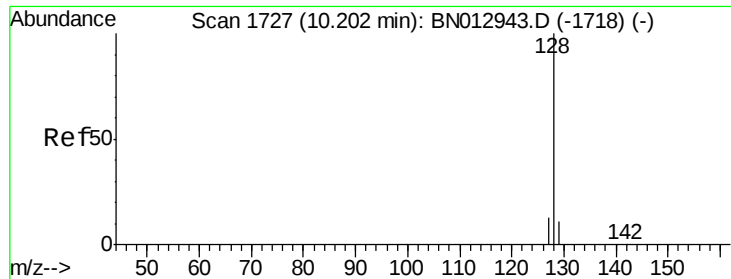
Instrument :
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Quant Time: Dec 08 00:38:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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QLast Update : Tue Dec 08 00:15:39 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.046 ng/ul

RT: 10.20 min Scan# 1727

Delta R.T. -0.00 min

Lab File: BN012947.D

Acq: 07 Dec 2020 19:55

Instrument :

BNA_N

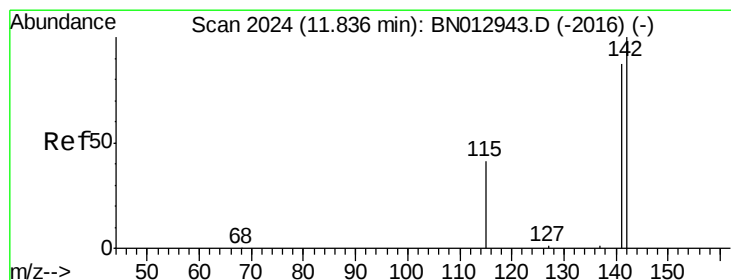
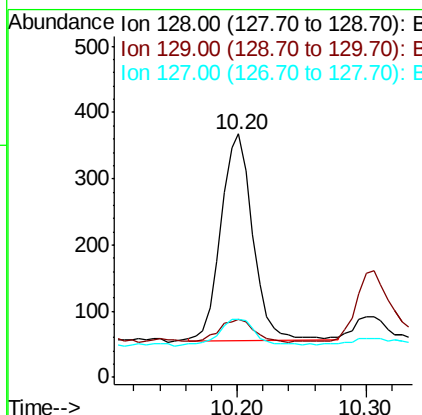
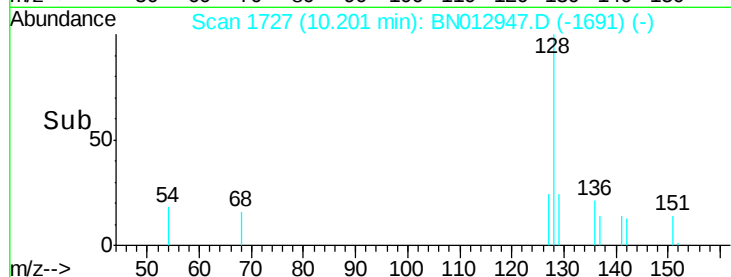
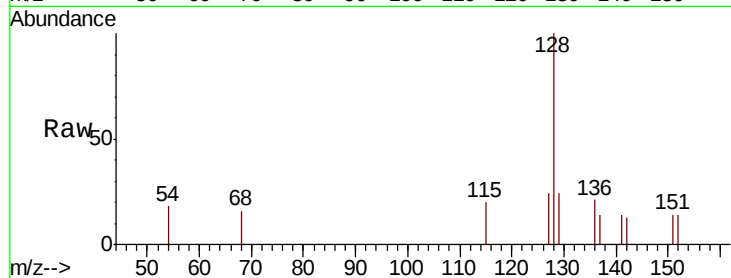
ClientSampleId :

C0B72

Tot Ion:	128	Resp:	536
Ion	Ratio	Lower	Upper
128	100		
129	23.9	12.3	18.5#
127	23.6	14.2	21.4#

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#5

2-Methylnaphthalene

Concen: 0.032 ng/ul

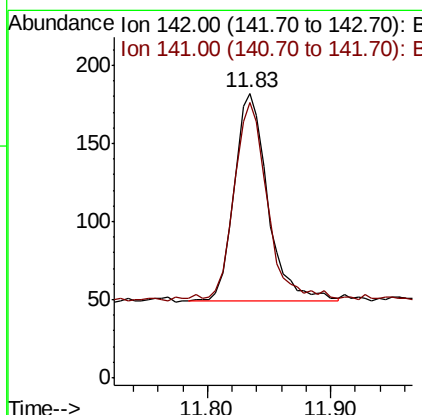
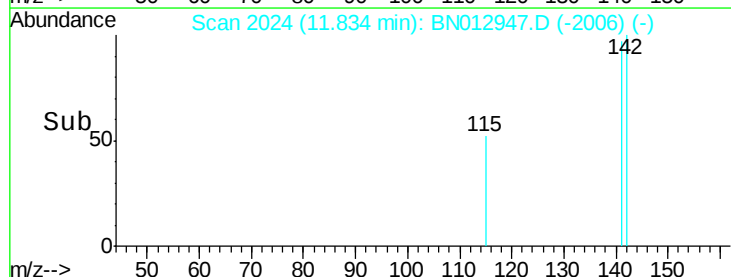
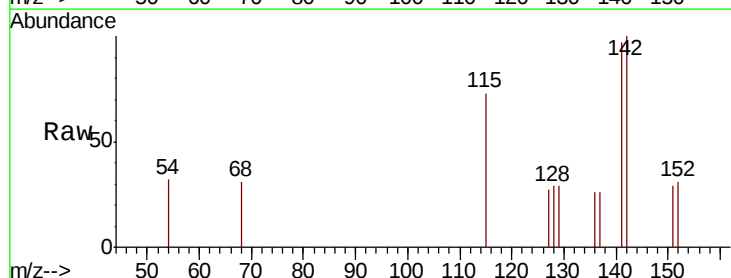
RT: 11.83 min Scan# 2024

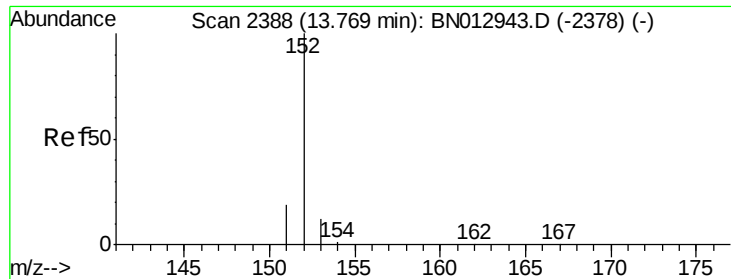
Delta R.T. -0.00 min

Lab File: BN012947.D

Acq: 07 Dec 2020 19:55

Tgt Ion:	142	Resp:	250
Ion	Ratio	Lower	Upper
142	100		
141	99.2	73.0	109.6





#7

Acenaphthylene

Concen: 0.072 ng/ul

RT: 13.77 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BN012947.D

Acq: 07 Dec 2020 19:55

Instrument :

BNA_N

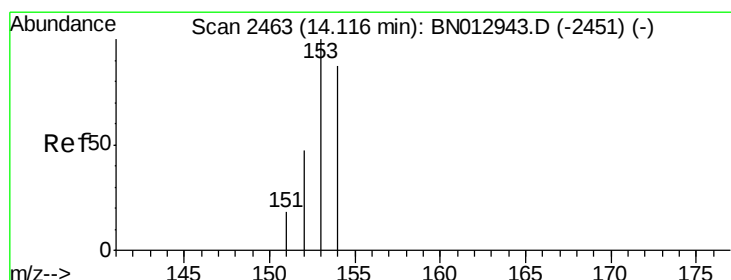
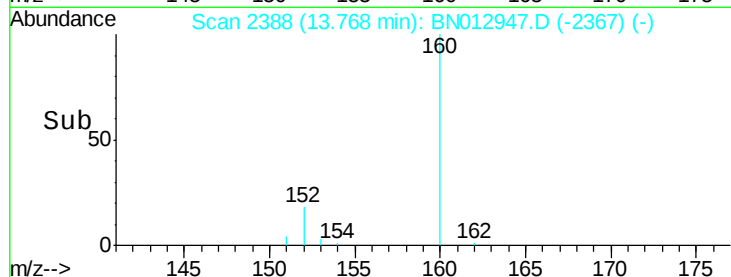
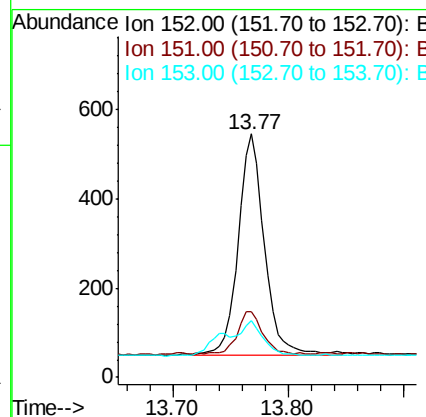
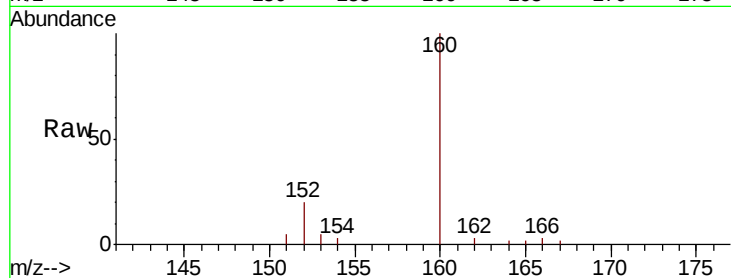
ClientSampleId :

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Tot Ion:	152	Resp:	789
Ion Ratio	Lower	Upper	
152	100		
151	27.1	18.2	27.4
153	23.3	13.1	19.7

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#8

Acenaphthene

Concen: 0.087 ng/ul

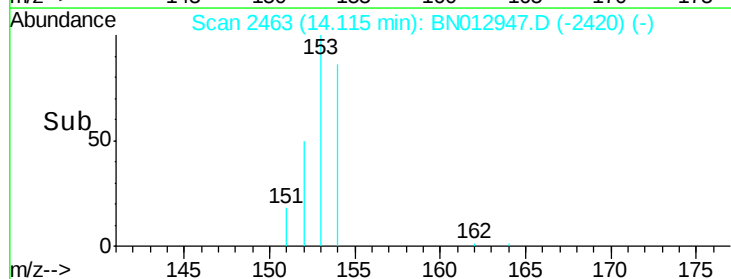
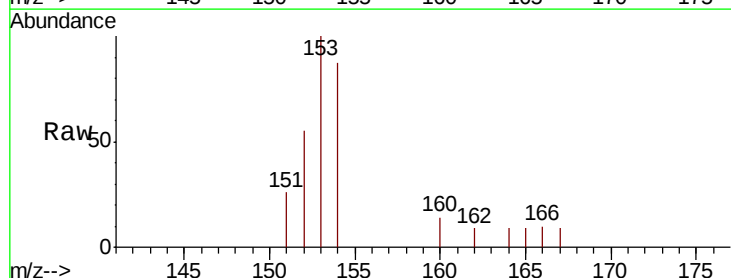
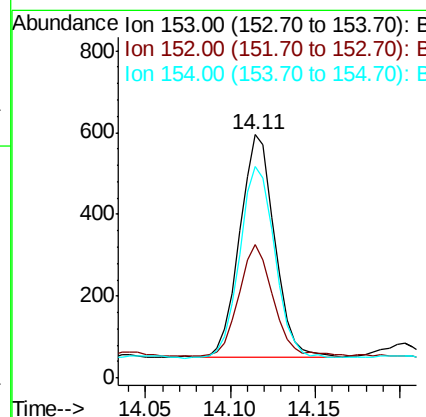
RT: 14.11 min Scan# 2463

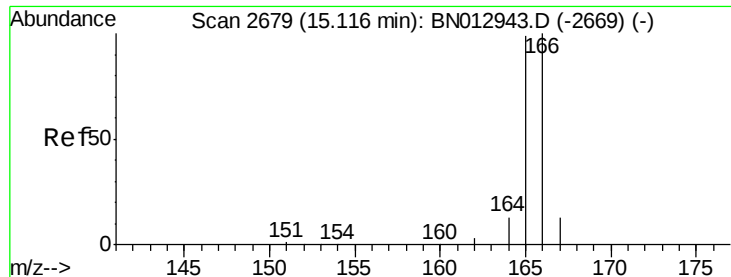
Delta R.T. -0.00 min

Lab File: BN012947.D

Acq: 07 Dec 2020 19:55

Tgt Ion:	153	Resp:	778
Ion Ratio	Lower	Upper	
153	100		
152	55.0	40.7	61.1
154	87.1	70.8	106.2





#9

Fluorene

Concen: 0.084 ng/ul

RT: 15.11 min Scan# 2679

Delta R.T. -0.00 min

Lab File: BN012947.D

Acq: 07 Dec 2020 19:55

Instrument :

BNA_N

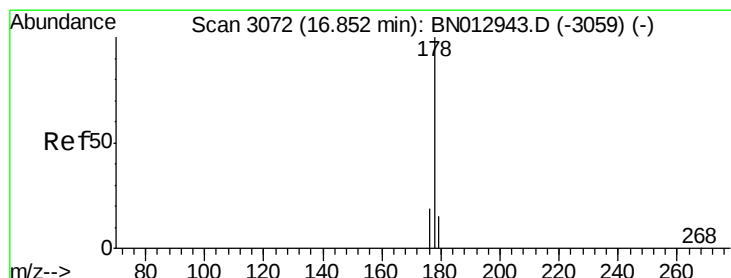
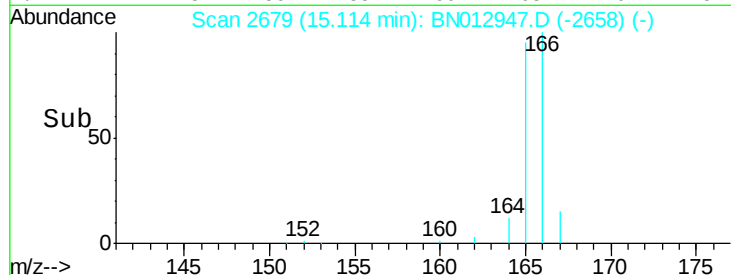
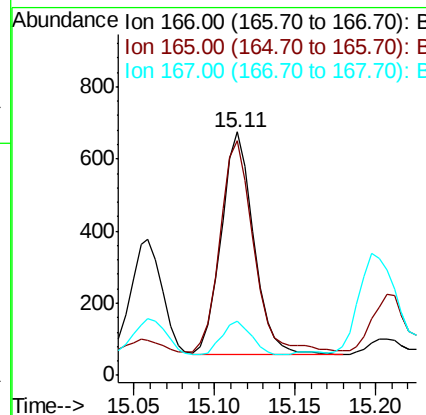
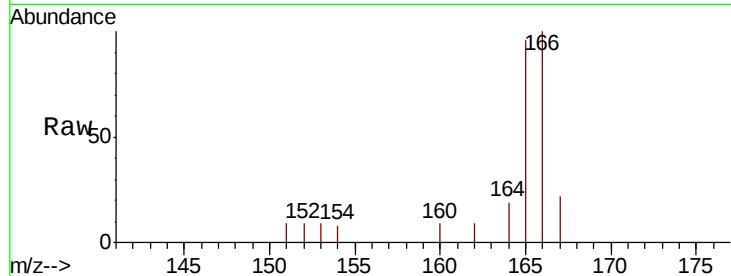
ClientSampleId :

C0B72

Tot Ion:	166	Resp:	860
Ion Ratio	Lower	Upper	
166	100		
165	96.4	79.8	119.8
167	22.4	13.8	20.8

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#12

Phenanthrene

Concen: 1.425 ng/ul

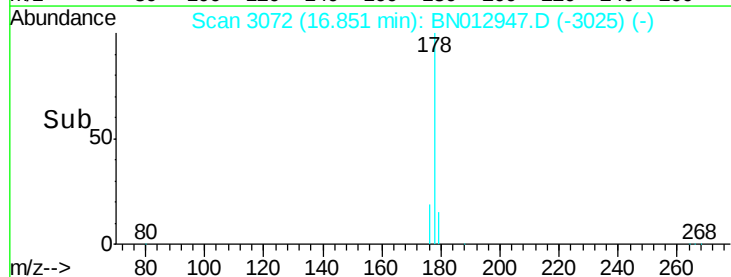
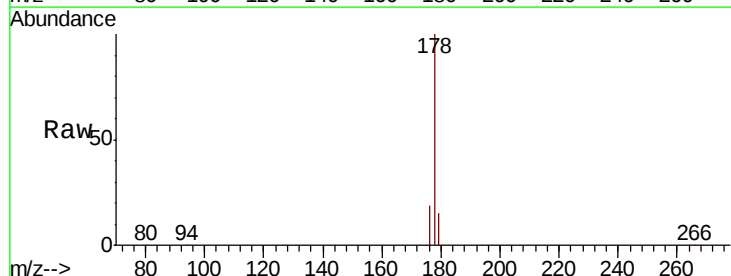
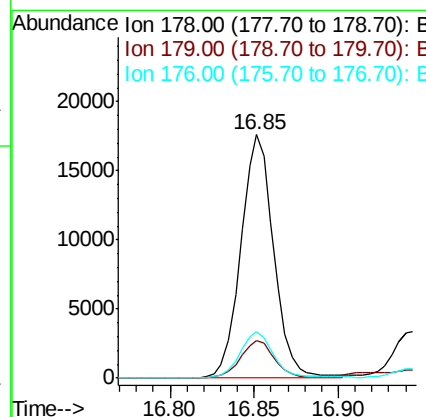
RT: 16.85 min Scan# 3072

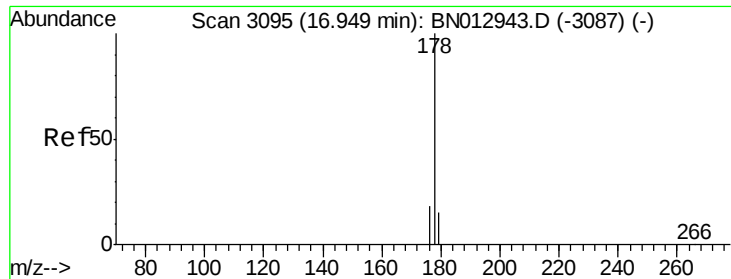
Delta R.T. -0.00 min

Lab File: BN012947.D

Acq: 07 Dec 2020 19:55

Tgt Ion:	178	Resp:	23682
Ion Ratio	Lower	Upper	
178	100		
179	15.5	13.6	20.4
176	19.3	16.4	24.6





#13

Anthracene

Concen: 0.328 ng/ul

RT: 16.94 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BN012947.D

Acq: 07 Dec 2020 19:55

Instrument :

BNA_N

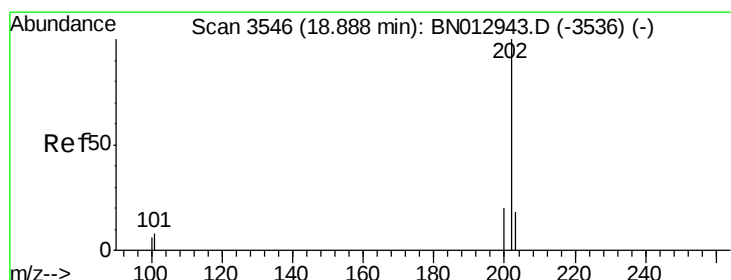
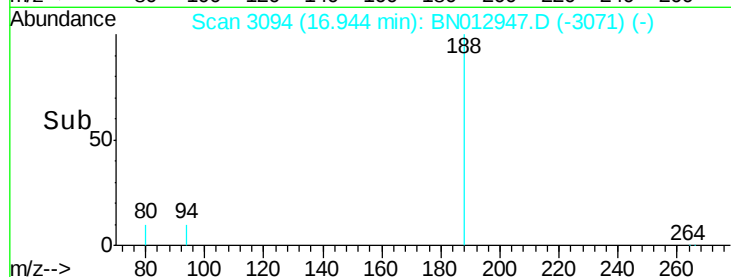
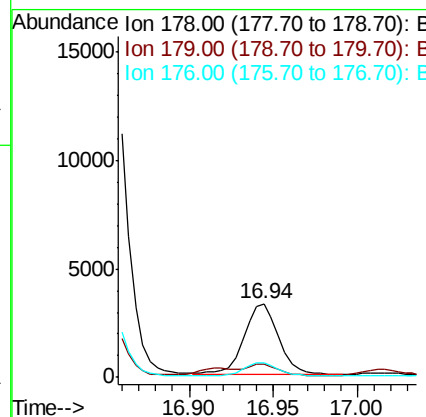
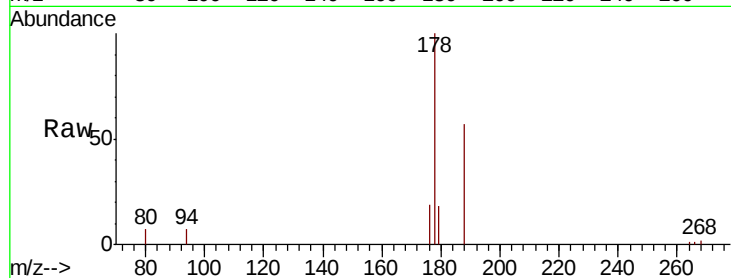
ClientSampled :

C0B72

Tot Ion:	178	Resp:	4638
Ion Ratio	Lower	Upper	
178	100		
179	17.7	14.6	21.8
176	19.4	17.1	25.7

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#15

Fluoranthene

Concen: 4.354 ng/ul

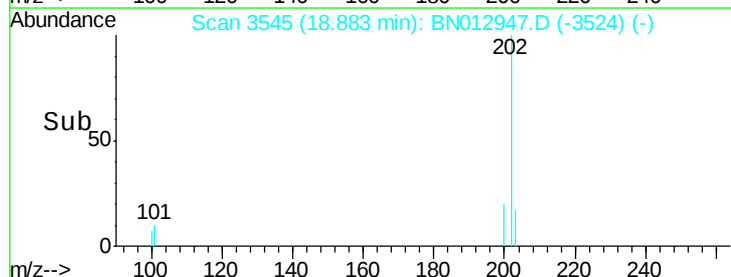
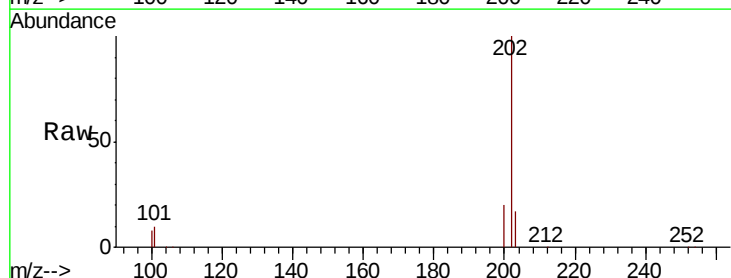
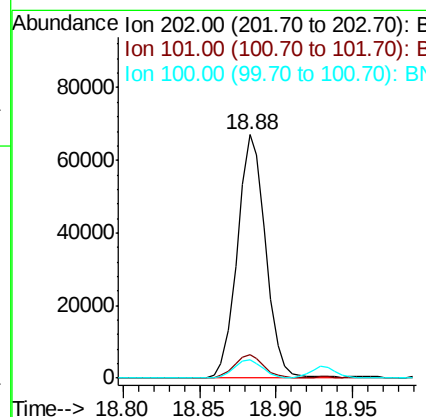
RT: 18.88 min Scan# 3545

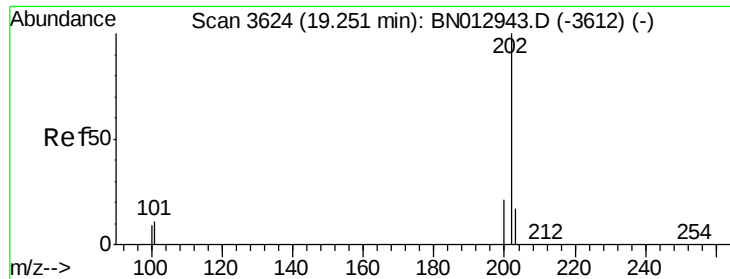
Delta R.T. -0.00 min

Lab File: BN012947.D

Acq: 07 Dec 2020 19:55

Tgt Ion:	202	Resp:	85960
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	30.6
100	7.6	0.0	28.7





#17

Pvrene

Concen: 3.486 ng/ul

RT: 19.25 min Scan# 3624

Delta R.T. -0.00 min

Lab File: BN012947.D

Acq: 07 Dec 2020 19:55

Instrument :

BNA_N

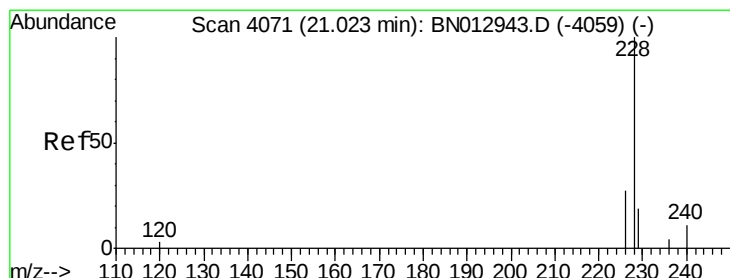
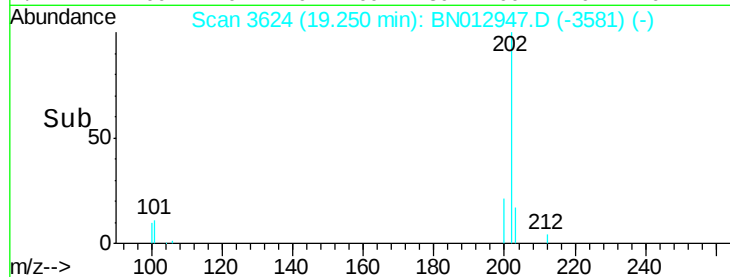
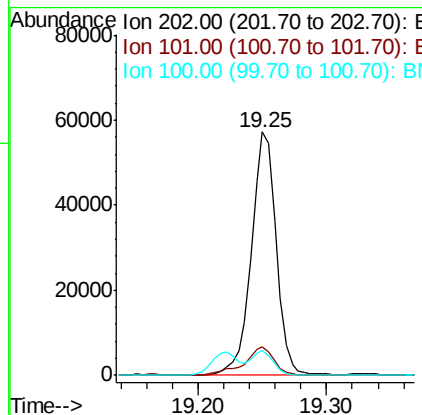
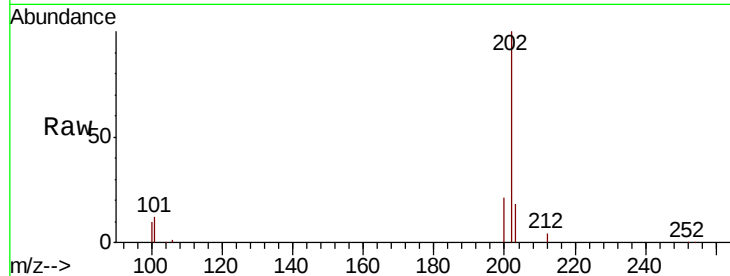
ClientSampleId :

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Tot Ion:	202	Resp:	76492
Ion Ratio	Lower	Upper	
202	100		
101	11.7	9.1	13.7
100	10.0	7.5	11.3

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#18

Benzo(a)anthracene

Concen: 2.556 ng/ul

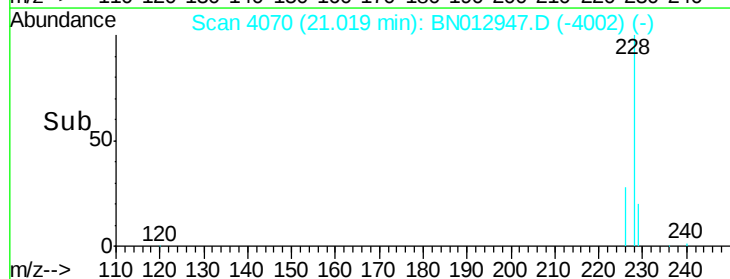
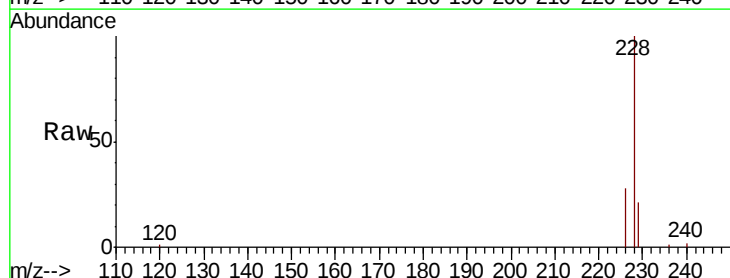
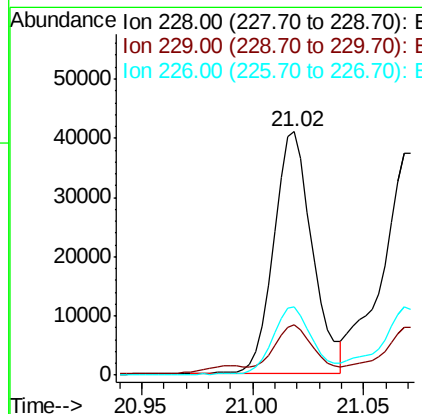
RT: 21.02 min Scan# 4070

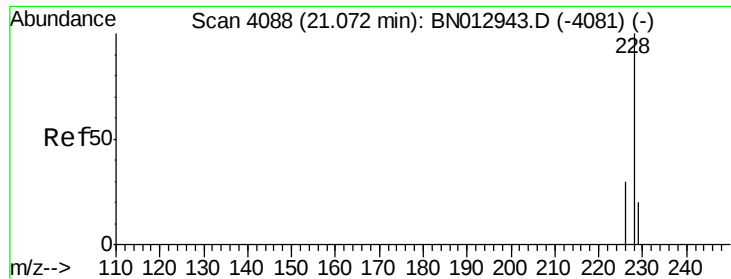
Delta R.T. -0.00 min

Lab File: BN012947.D

Acq: 07 Dec 2020 19:55

Tgt Ion:	228	Resp:	49122
Ion Ratio	Lower	Upper	
228	100		
229	20.5	16.3	24.5
226	28.0	23.4	35.2





#19

Chrysene

Concen: 2.525 ng/ul

RT: 21.07 min Scan# 4087

Delta R.T. -0.00 min

Lab File: BN012947.D

Acq: 07 Dec 2020 19:55

Instrument :

BNA_N

ClientSampleId :

C0B72

Tot Ion:228 Resp: 53620

Ion Ratio Lower Upper

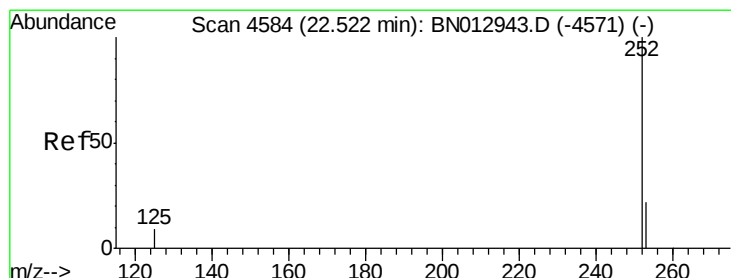
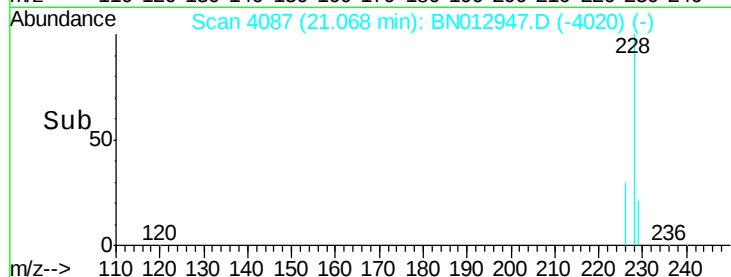
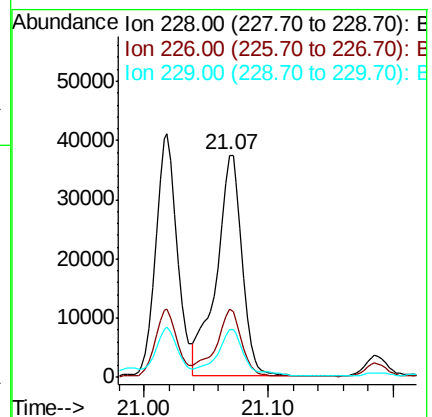
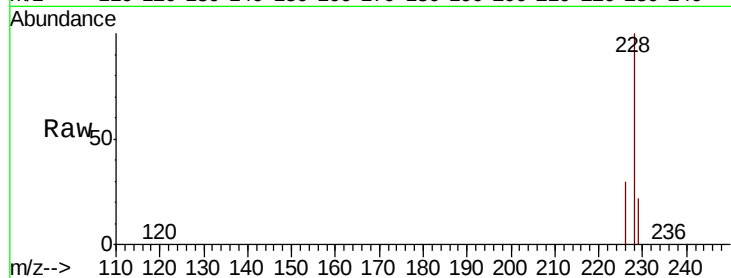
228 100

226 30.5 25.0 37.6

229 21.8 16.4 24.6

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#21

Benzo(b)fluoranthene

Concen: 3.717 ng/ul m

RT: 22.52 min Scan# 4583

Delta R.T. -0.00 min

Lab File: BN012947.D

Acq: 07 Dec 2020 19:55

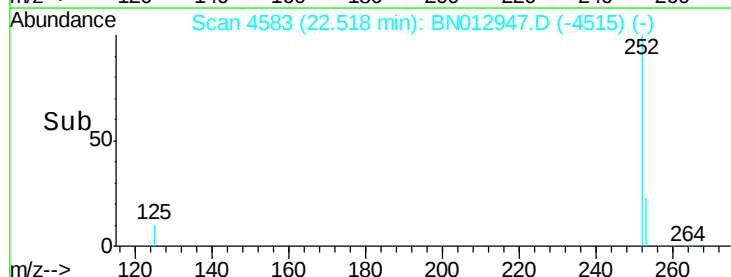
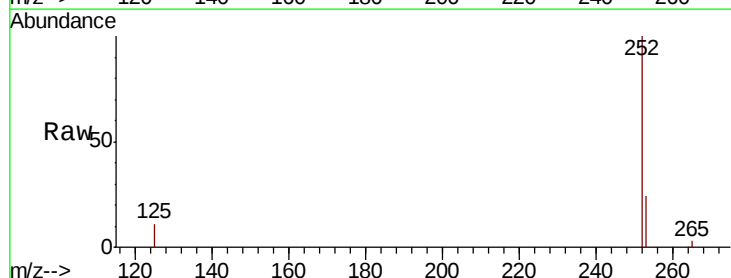
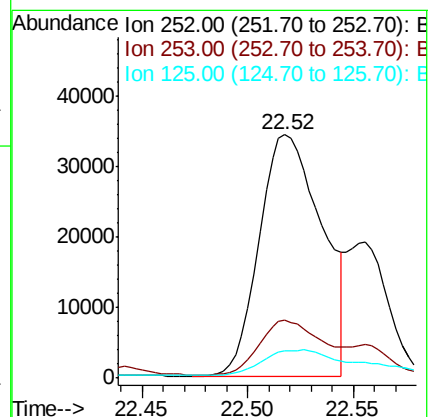
Tgt Ion:252 Resp: 70684

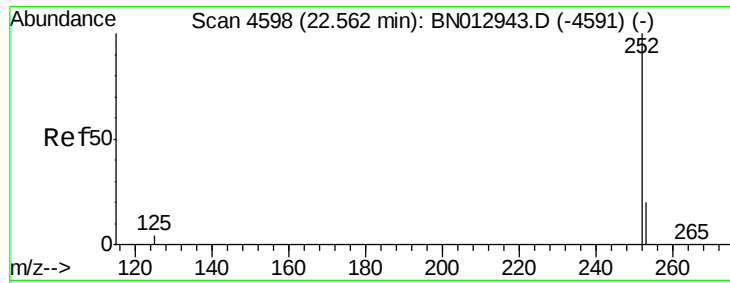
Ion Ratio Lower Upper

252 100

253 23.8 0.0 59.6

125 11.0 0.0 26.0





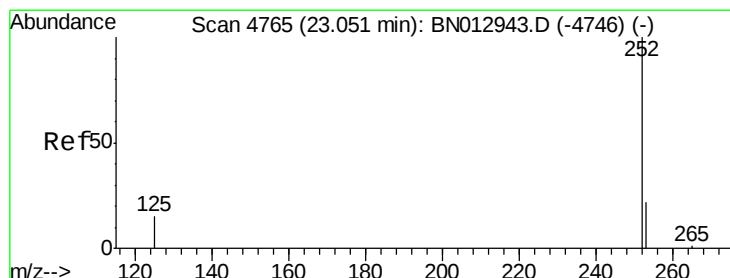
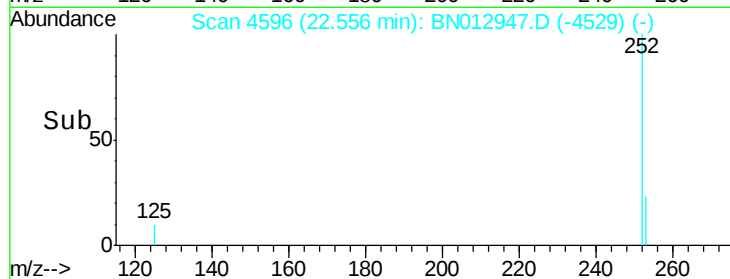
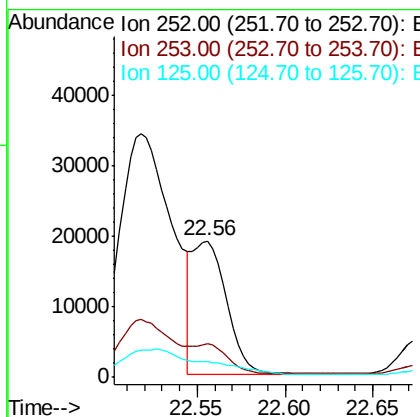
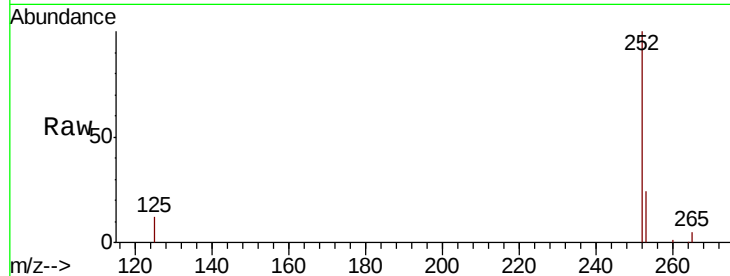
#22
Benzo(k)fluoranthene
Concen: 1.226 ng/ul m
RT: 22.56 min Scan# 4596
Delta R.T. -0.00 min
Lab File: BN012947.D
Acq: 07 Dec 2020 19:55

Instrument :
BNA_N
ClientSampleId :
C0B72

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	23.4	35.2
125	11.5	11.1	16.7

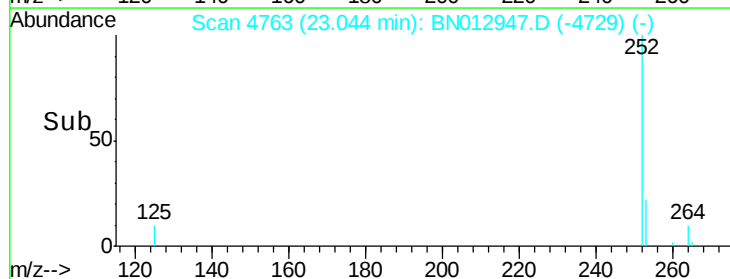
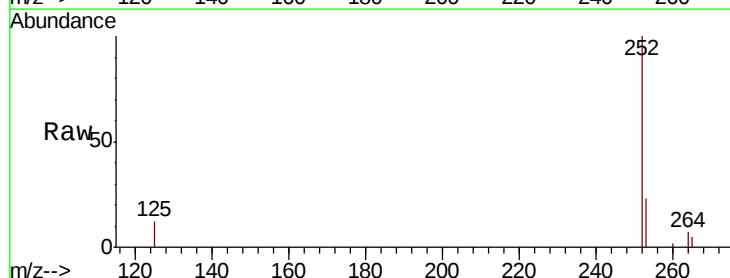
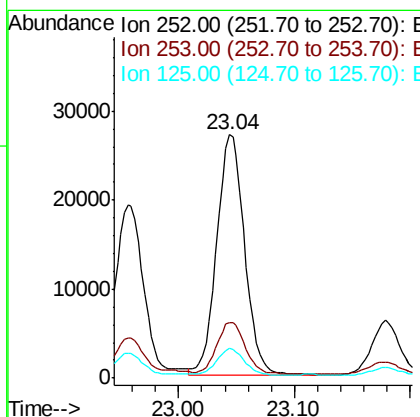
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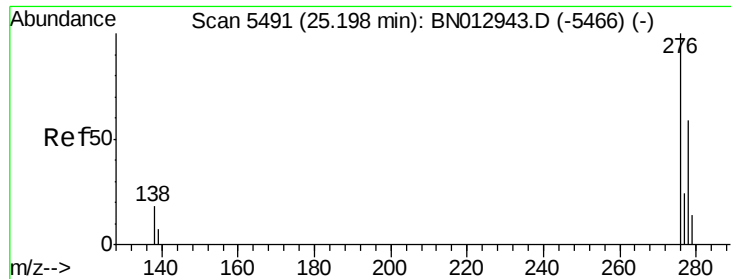
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#23
Benzo(a)pyrene
Concen: 2.539 ng/ul
RT: 23.04 min Scan# 4763
Delta R.T. -0.00 min
Lab File: BN012947.D
Acq: 07 Dec 2020 19:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	26.5	39.7#
125	12.1	14.2	21.2#





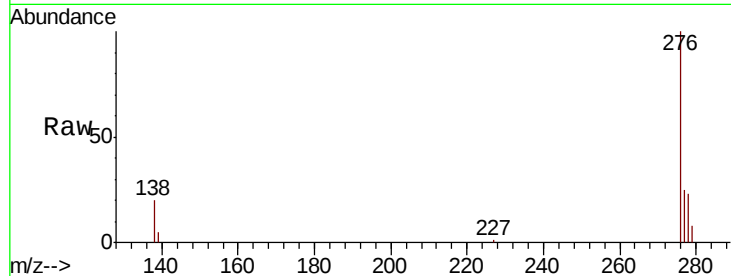
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.105 ng/ul
 RT: 25.19 min Scan# 5489
 Delta R.T. -0.00 min
 Lab File: BN012947.D
 Acq: 07 Dec 2020 19:55

Instrument :
 BNA_N
 ClientSampleId :
 C0B72

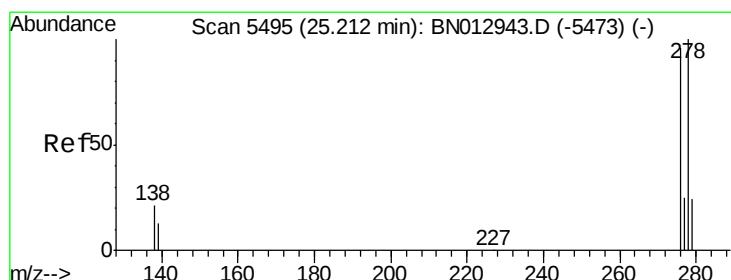
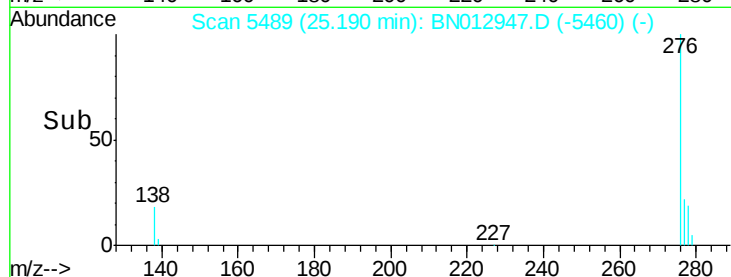
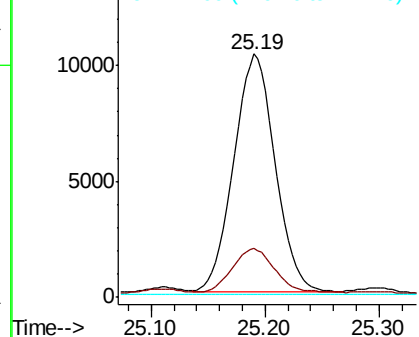
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.1	16.2	24.2
227	0.2	0.0	0.0

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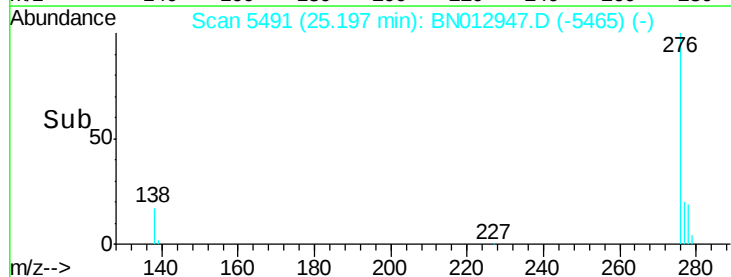
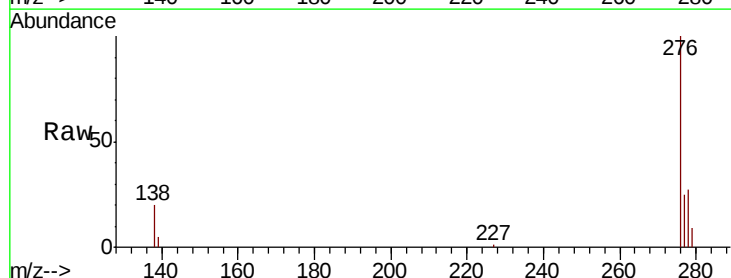
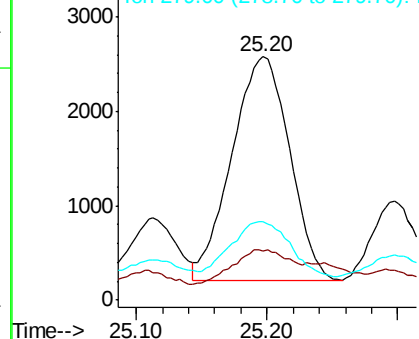
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

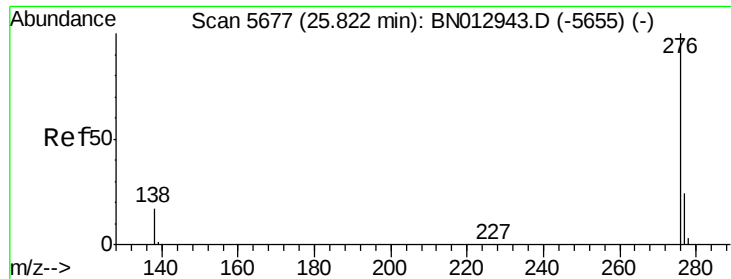


#25
 Dibenzo(a,h)anthracene
 Concen: 0.394 ng/ul
 RT: 25.20 min Scan# 5491
 Delta R.T. -0.01 min
 Lab File: BN012947.D
 Acq: 07 Dec 2020 19:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.3	14.5	21.7
279	32.3	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





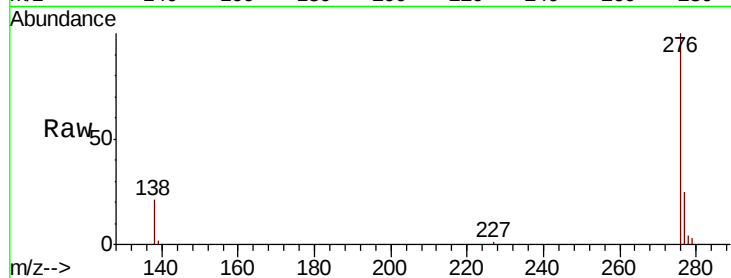
#26
 Benzo(a,h,i)perylene
 Concen: 1.042 ng/ul
 RT: 25.82 min Scan# 5676
 Delta R.T. -0.00 min
 Lab File: BN012947.D
 Acq: 07 Dec 2020 19:55

Instrument :
 BNA_N
 ClientSampleId :
 C0B72

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.3	24.5
277	25.1	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

