

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012983.D
 Acq On : 08 Dec 2020 19:41
 Operator : CG/JU
 Sample : L4862-02DL 5X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ1DL

Manual Integrations
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Quant Time: Dec 09 00:40:24 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 : Wed Dec 09 00:11:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1078	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4353	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2402	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4999	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3821	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3489	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	385	0.06	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	751	0.06	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	937	0.074	ng/ul#	92
5) 2-Methylnaphthalene	11.84	142	595	0.072	ng/ul	99
7) Acenaphthylene	13.76	152	461	0.041	ng/ul#	79
8) Acenaphthene	14.11	153	684	0.073	ng/ul	99
9) Fluorene	15.11	166	1031	0.096	ng/ul	97
12) Phenanthrene	16.85	178	15335	0.915	ng/ul	97
13) Anthracene	16.94	178	3127	0.219	ng/ul	98
15) Fluoranthene	18.88	202	20503	1.029	ng/ul	97
17) Pyrene	19.25	202	18055	1.000	ng/ul	99
18) Benzo(a)anthracene	21.01	228	8108	0.513	ng/ul	99
19) Chrysene	21.07	228	8742	0.500	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	9943m	0.616	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	3705m	0.208	ng/ul	
23) Benzo(a)pyrene	23.04	252	6714	0.448	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.18	276	4136	0.210	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.19	278	1093	0.070	ng/ul#	66
26) Benzo(a,h,i)perylene	25.81	276	3981	0.224	ng/ul	98

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

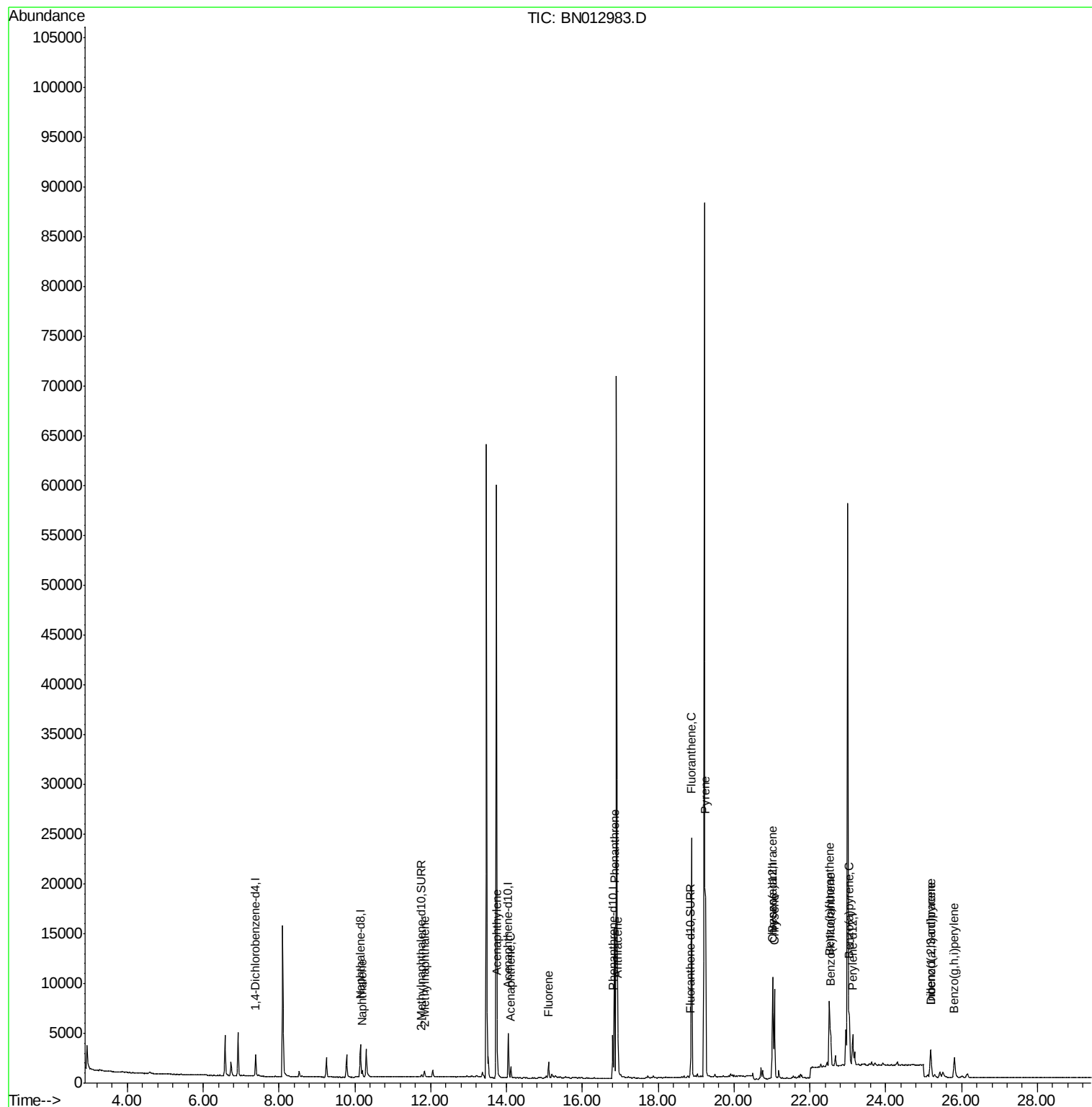
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012983.D
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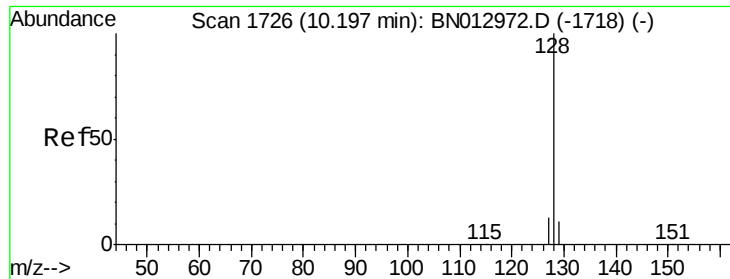
Instrument :
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Quant Time: Dec 09 00:40:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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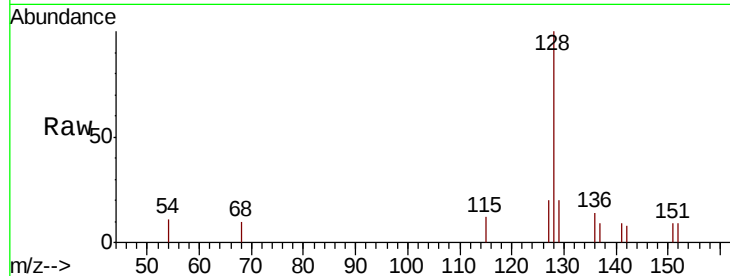
#3
Naphthalene
Concen: 0.074 ng/ul
RT: 10.20 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BN012983.D
Acq: 08 Dec 2020 19:41

Instrument :
BNA_N
ClientSampleId :
C0AZ1DL

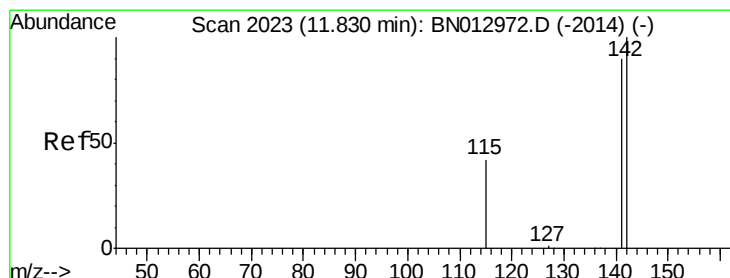
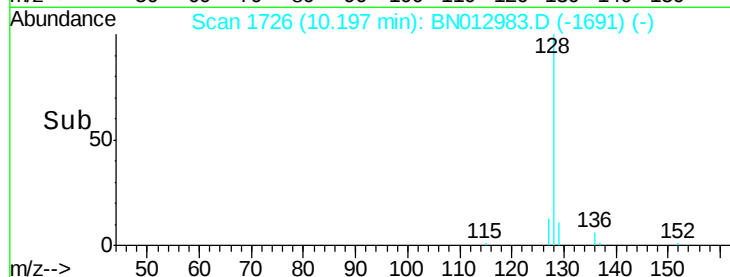
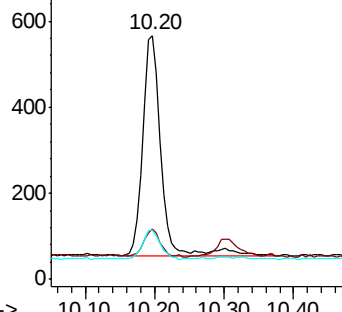
Tot Ion	Ratio	Lower	Upper
128	100		
129	20.5	12.3	18.5#
127	20.1	14.2	21.4

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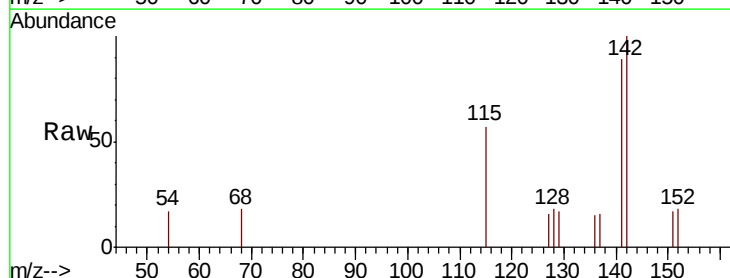


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

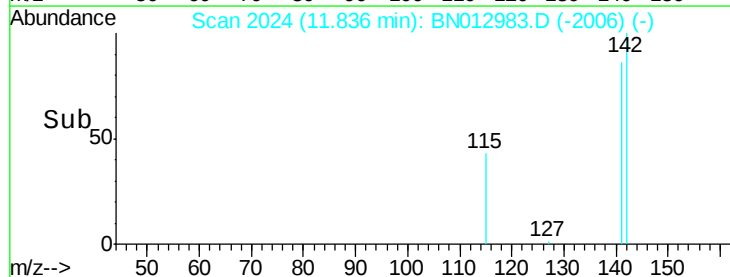
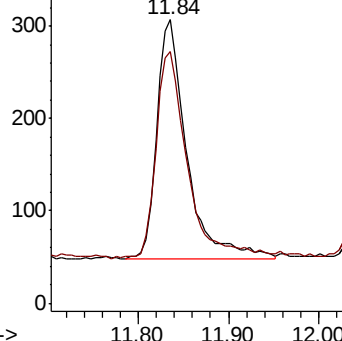


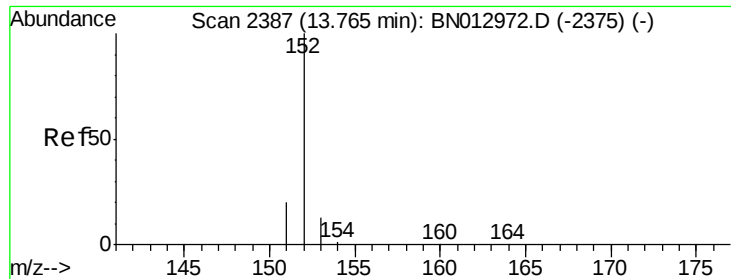
#5
2-Methylnaphthalene
Concen: 0.072 ng/ul
RT: 11.84 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BN012983.D
Acq: 08 Dec 2020 19:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.0	109.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.041 ng/ul

RT: 13.76 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BN012983.D

Acq: 08 Dec 2020 19:41

Instrument :

BNA_N

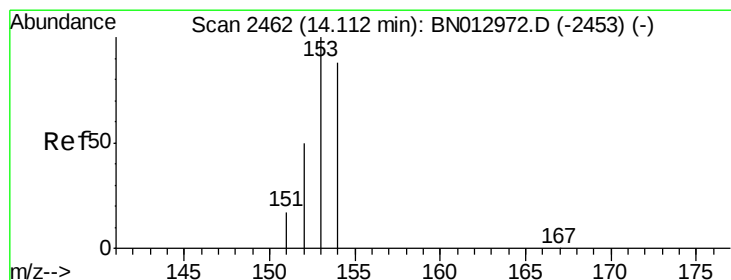
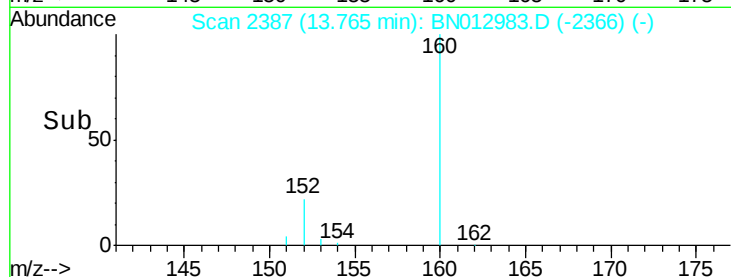
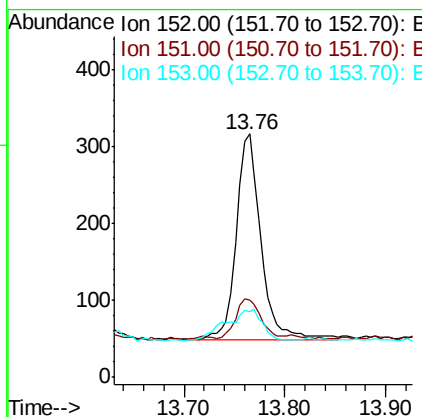
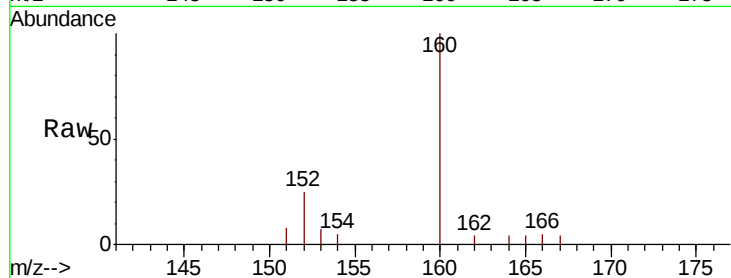
ClientSampleId :

C0AZ1DL

Tot Ion:	152	Resp:	461
Ion Ratio	Lower	Upper	
152	100		
151	31.5	18.2	27.4#
153	26.8	13.1	19.7#

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#8

Acenaphthene

Concen: 0.073 ng/ul

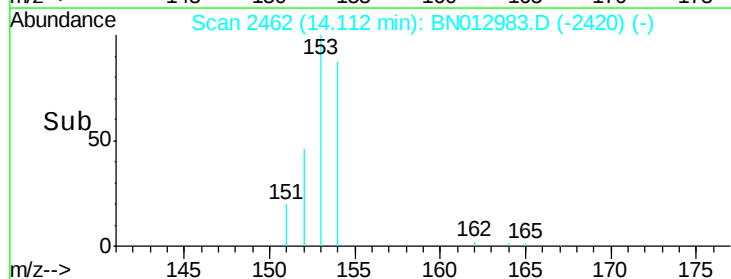
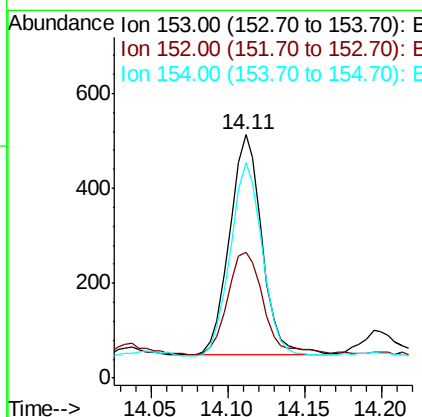
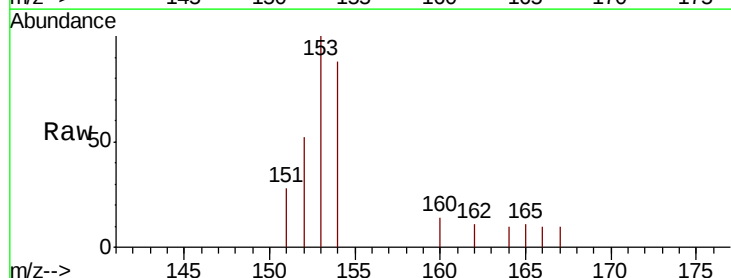
RT: 14.11 min Scan# 2462

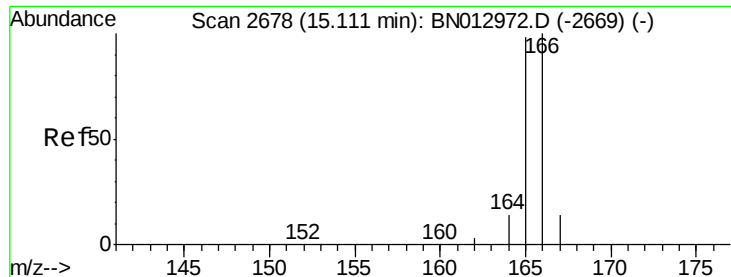
Delta R.T. -0.00 min

Lab File: BN012983.D

Acq: 08 Dec 2020 19:41

Tgt Ion:	153	Resp:	684
Ion Ratio	Lower	Upper	
153	100		
152	51.9	40.7	61.1
154	88.3	70.8	106.2





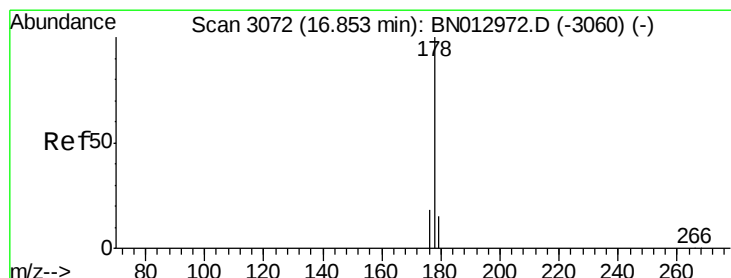
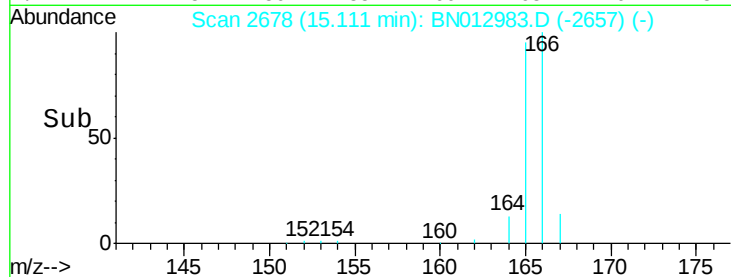
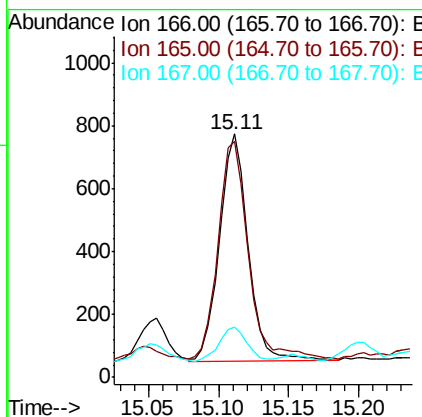
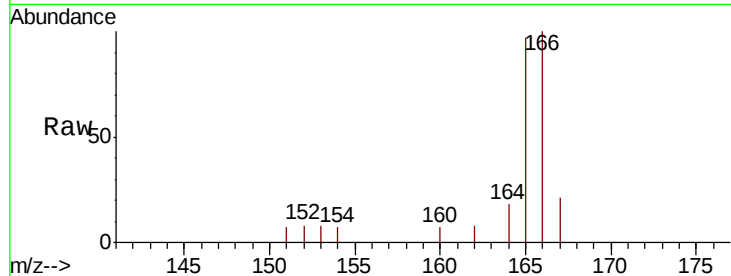
#9
Fluorene
 Concen: 0.096 ng/ul
 RT: 15.11 min Scan# 2678
 Delta R.T. -0.00 min
 Lab File: BN012983.D
 Acq: 08 Dec 2020 19:41

Instrument :
 BNA_N
 ClientSampleID :
 C0AZ1DL

Tot Ion:	166	Resp:	1031
Ion Ratio	Lower	Upper	
166	100		
165	97.2	79.8	119.8
167	20.7	13.8	20.8

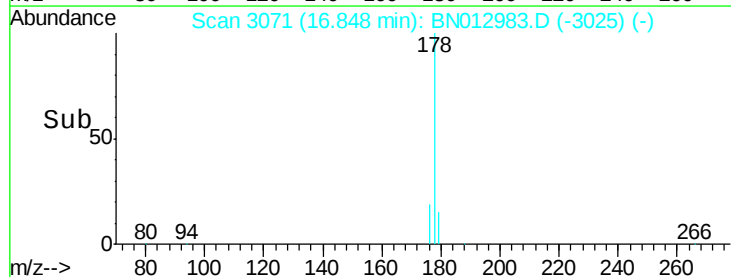
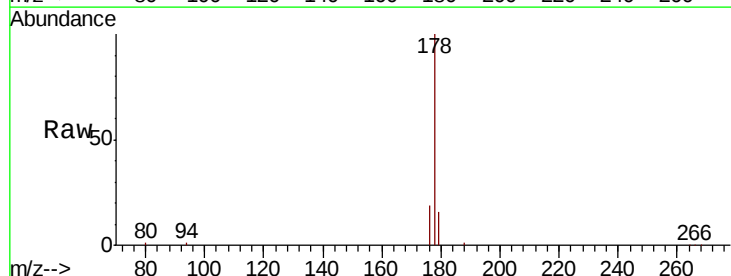
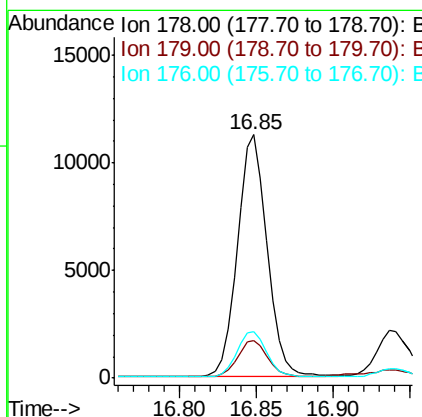
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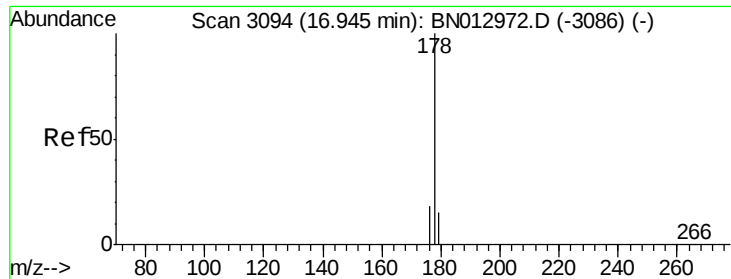
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#12
Phenanthrene
 Concen: 0.915 ng/ul
 RT: 16.85 min Scan# 3071
 Delta R.T. -0.00 min
 Lab File: BN012983.D
 Acq: 08 Dec 2020 19:41

Tgt Ion:	178	Resp:	15335
Ion Ratio	Lower	Upper	
178	100		
179	15.7	13.6	20.4
176	19.3	16.4	24.6





#13

Anthracene

Concen: 0.219 ng/ul

RT: 16.94 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BN012983.D

Acq: 08 Dec 2020 19:41

Instrument :

BNA_N

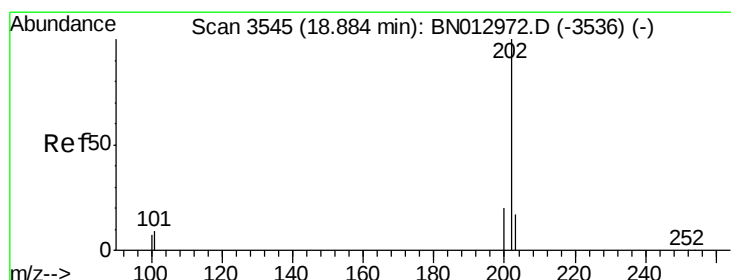
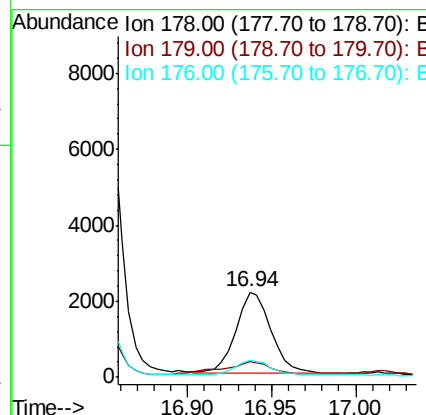
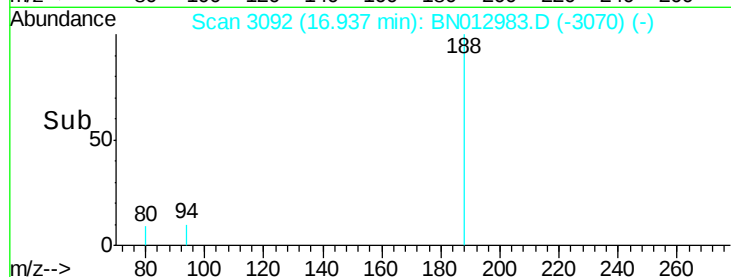
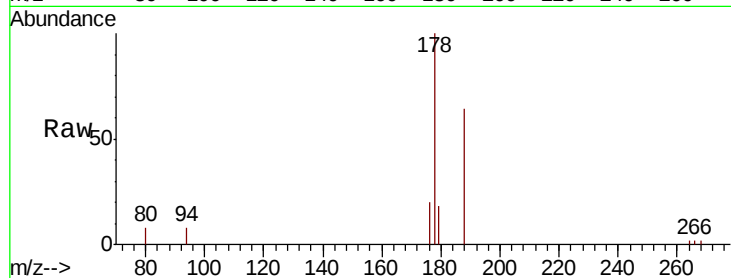
ClientSampleId :

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Tot Ion:	178	Resp:	3127
Ion Ratio	Lower	Upper	
178	100		
179	18.0	14.6	21.8
176	19.6	17.1	25.7

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#15

Fluoranthene

Concen: 1.029 ng/ul

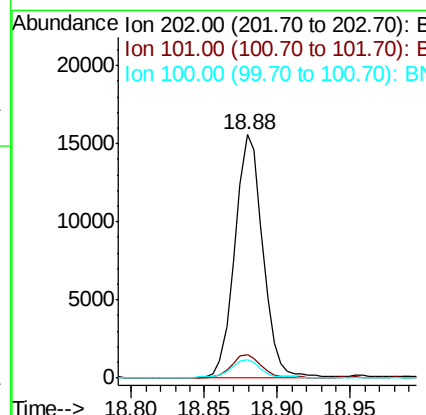
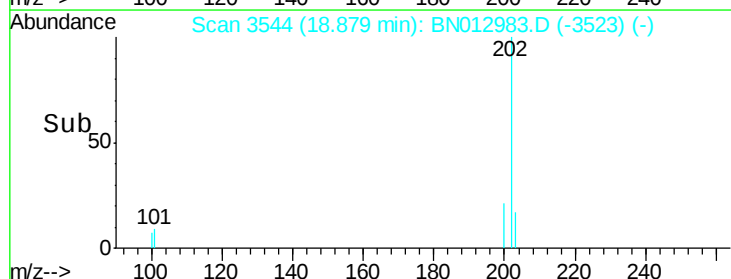
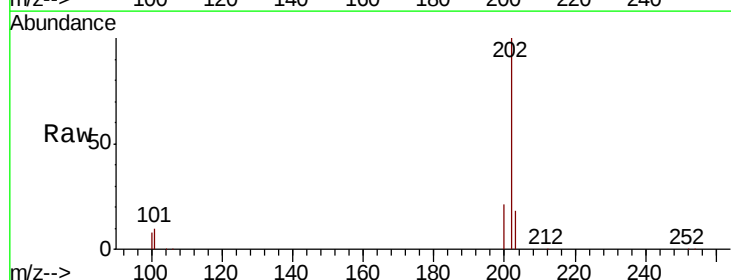
RT: 18.88 min Scan# 3544

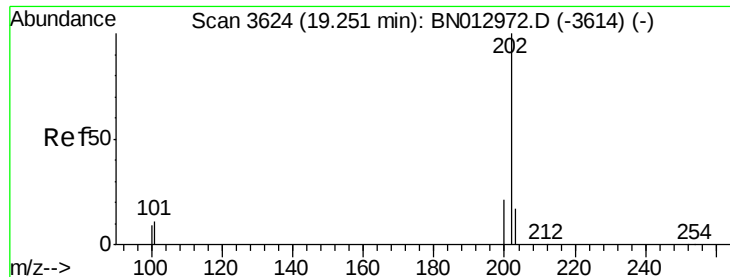
Delta R.T. -0.00 min

Lab File: BN012983.D

Acq: 08 Dec 2020 19:41

Tgt Ion:	202	Resp:	20503
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	30.6
100	7.8	0.0	28.7





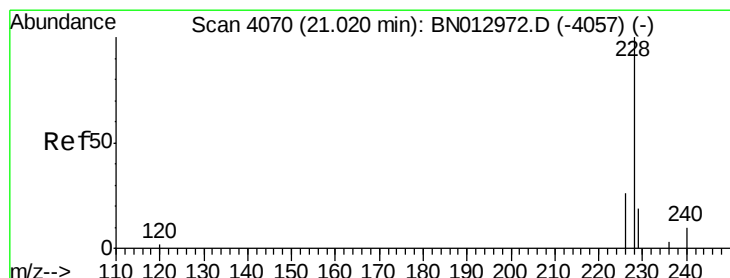
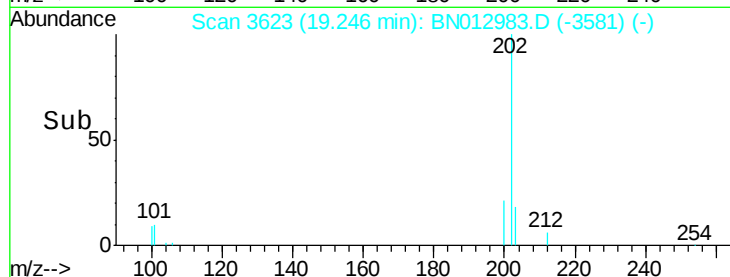
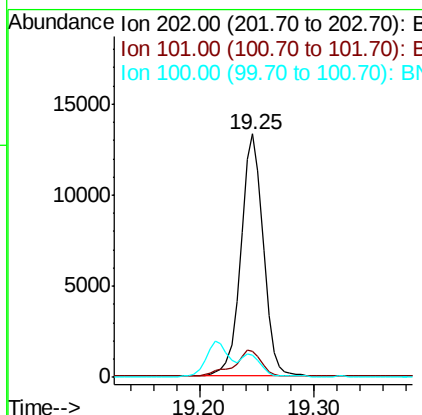
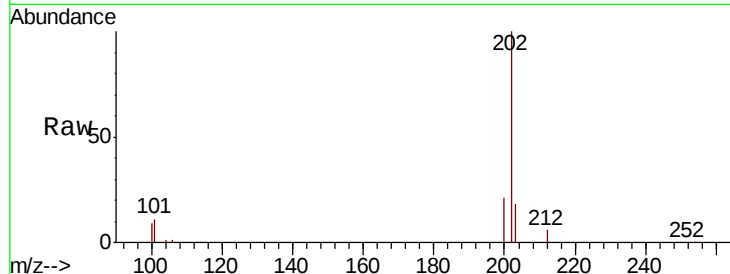
#17
Pvrene
Concen: 1.000 ng/ul
RT: 19.25 min Scan# 3623
Delta R.T. -0.00 min
Lab File: BN012983.D
Acq: 08 Dec 2020 19:41

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.8	9.1	13.7
100	9.3	7.5	11.3

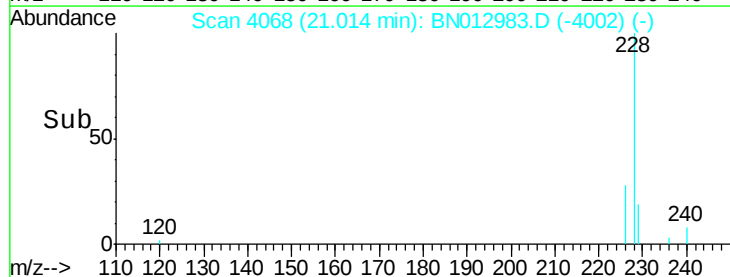
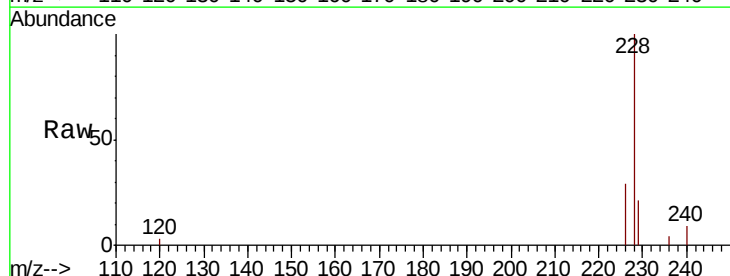
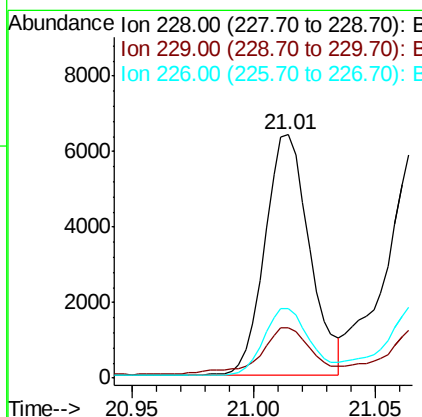
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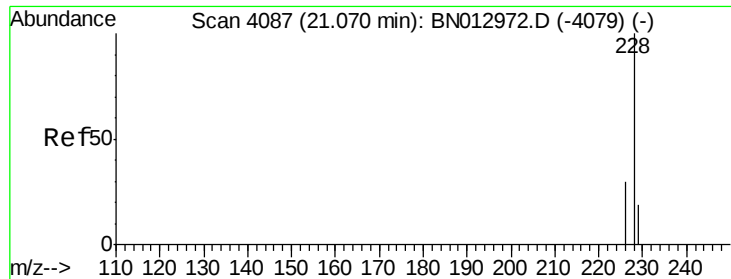
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#18
Benzo(a)anthracene
Concen: 0.513 ng/ul
RT: 21.01 min Scan# 4068
Delta R.T. -0.01 min
Lab File: BN012983.D
Acq: 08 Dec 2020 19:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.7	16.3	24.5
226	28.5	23.4	35.2





#19

Chrysene

Concen: 0.500 ng/ul

RT: 21.07 min Scan# 4086

Delta R.T. -0.01 min

Lab File: BN012983.D

Acq: 08 Dec 2020 19:41

Instrument :

BNA_N

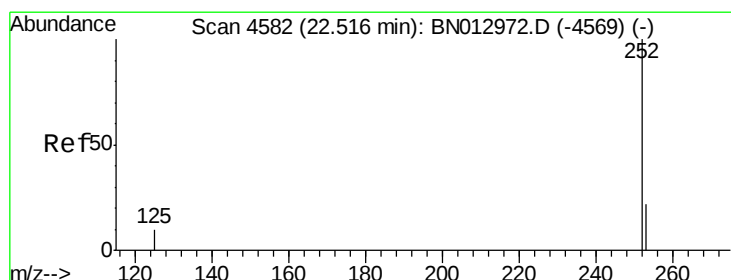
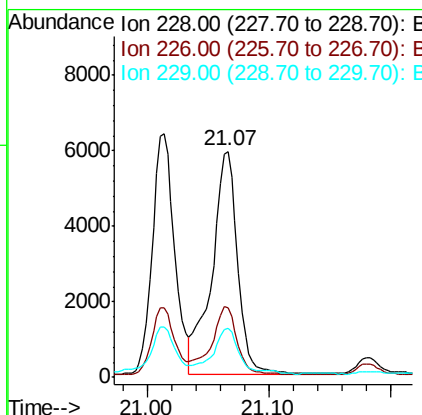
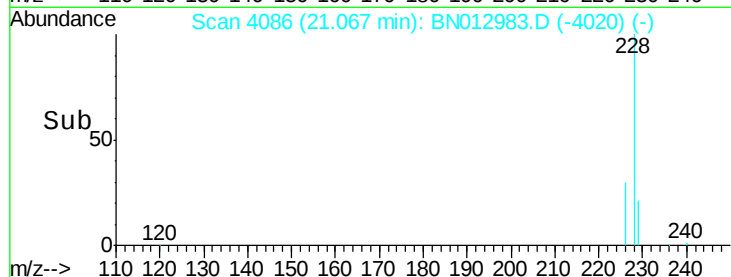
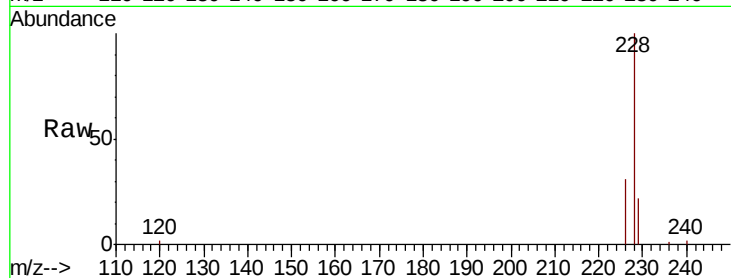
ClientSampleId :

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Tot Ion:	228	Resp:	8742
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.0	37.6
229	22.0	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 0.616 ng/ul m

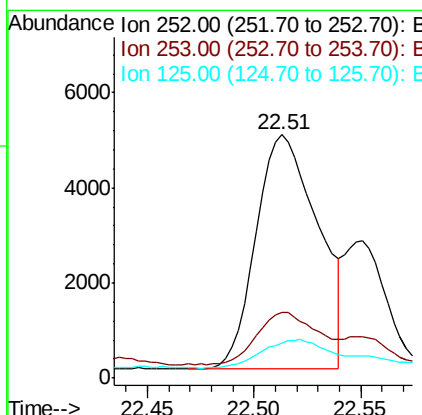
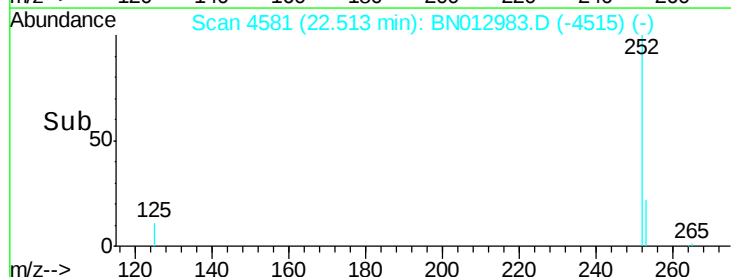
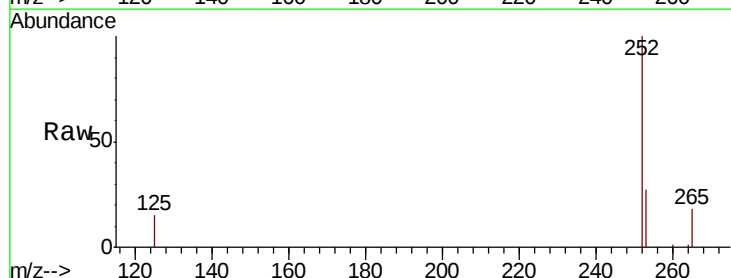
RT: 22.51 min Scan# 4581

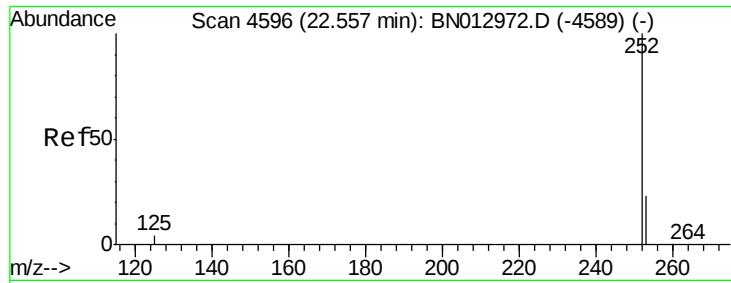
Delta R.T. -0.01 min

Lab File: BN012983.D

Acq: 08 Dec 2020 19:41

Tgt Ion:	252	Resp:	9943
Ion Ratio	Lower	Upper	
252	100		
253	27.0	0.0	59.6
125	14.5	0.0	26.0





#22

Benzo(k)fluoranthene

Concen: 0.208 ng/ul m

RT: 22.55 min Scan# 4594

Delta R.T. -0.01 min

Lab File: BN012983.D

Acq: 08 Dec 2020 19:41

Instrument :

BNA_N

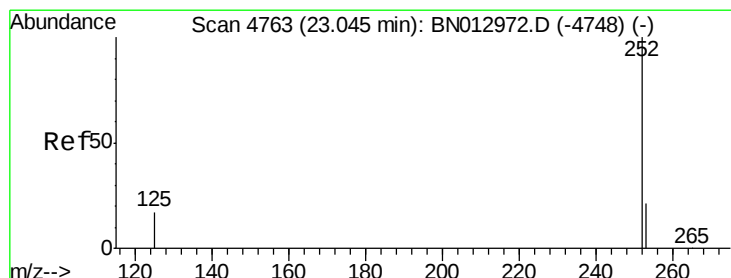
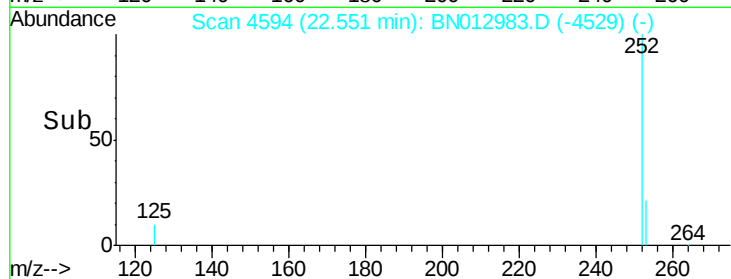
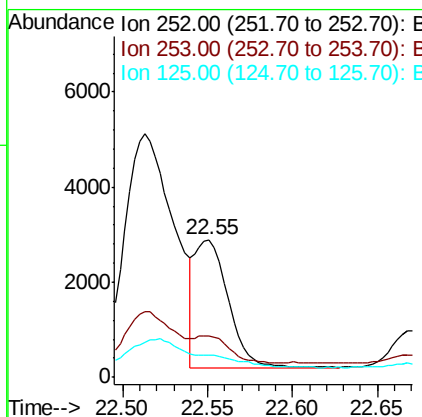
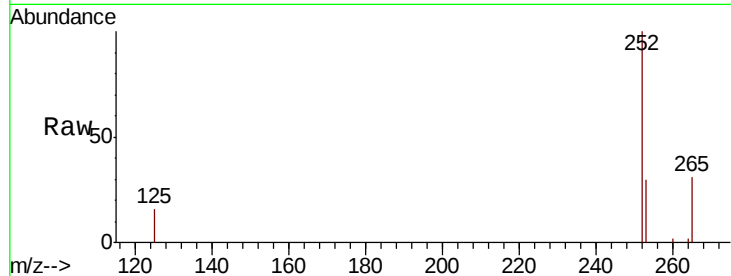
ClientSampleId :

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Tot Ion:	252	Resp:	3705
Ion Ratio	Lower	Upper	
252	100		
253	30.0	23.4	35.2
125	16.3	11.1	16.7

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#23

Benzo(a)pyrene

Concen: 0.448 ng/ul

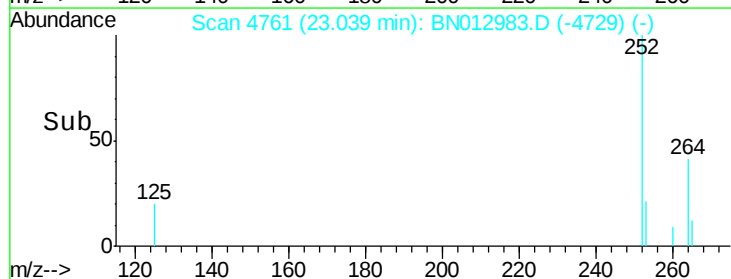
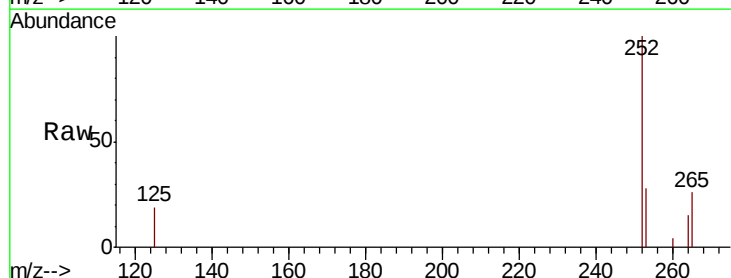
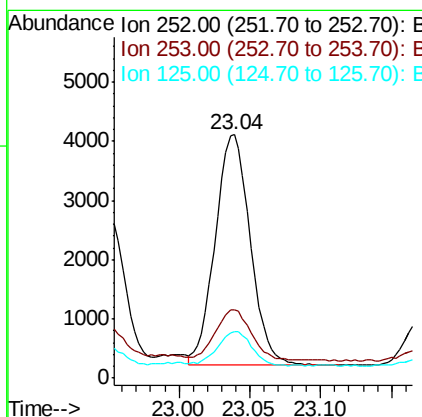
RT: 23.04 min Scan# 4761

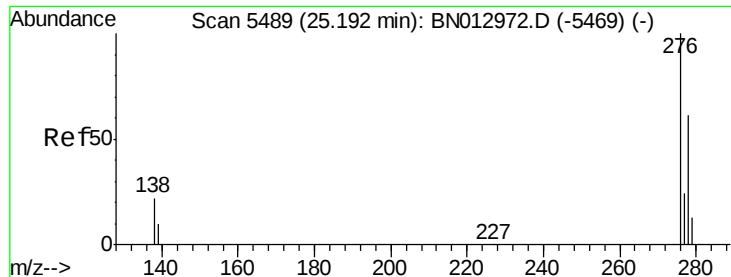
Delta R.T. -0.01 min

Lab File: BN012983.D

Acq: 08 Dec 2020 19:41

Tgt Ion:	252	Resp:	6714
Ion Ratio	Lower	Upper	
252	100		
253	27.8	26.5	39.7
125	19.1	14.2	21.2





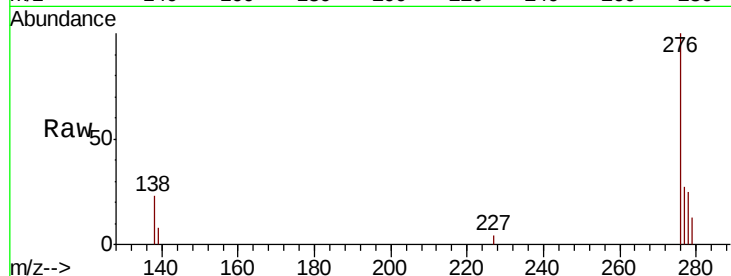
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.210 ng/ul
 RT: 25.18 min Scan# 5487
 Delta R.T. -0.01 min
 Lab File: BN012983.D
 Acq: 08 Dec 2020 19:41

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ1DL

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

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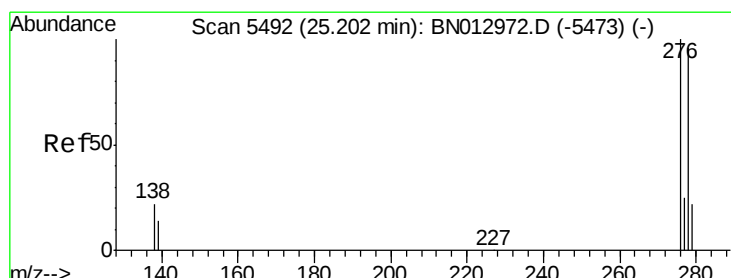
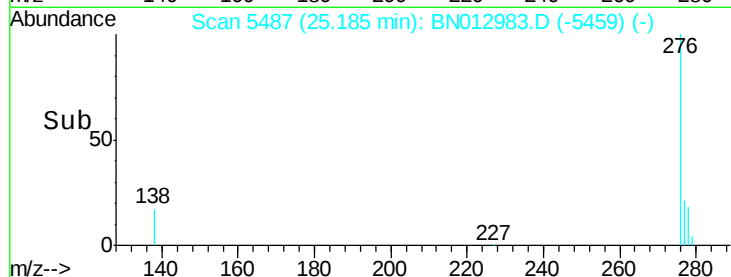
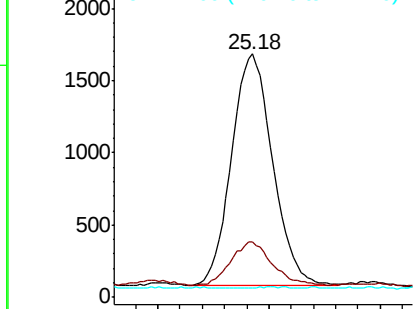


Abundance

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: 0.070 ng/ul
 RT: 25.19 min Scan# 5488
 Delta R.T. -0.02 min
 Lab File: BN012983.D
 Acq: 08 Dec 2020 19:41

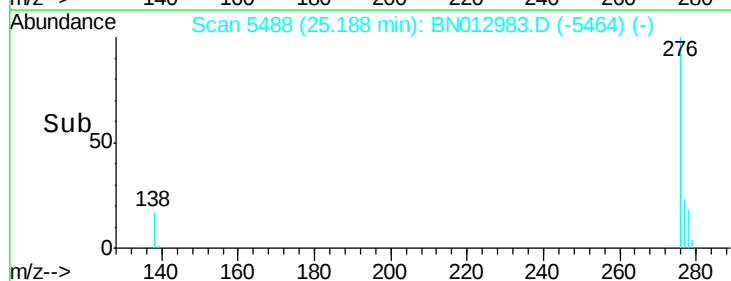
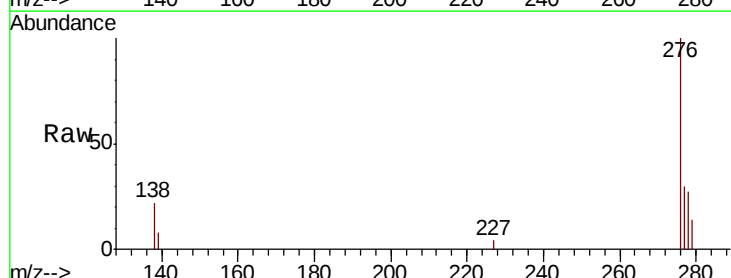
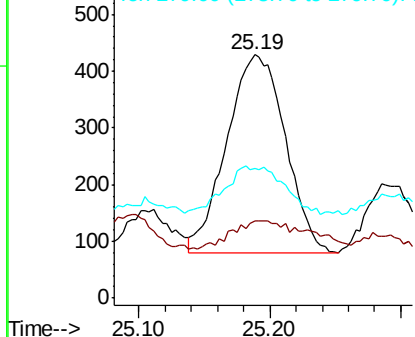
Tgt Ion	Ratio	Lower	Upper
278	100		
139	31.7	14.5	21.7#
279	53.1	26.3	39.5#

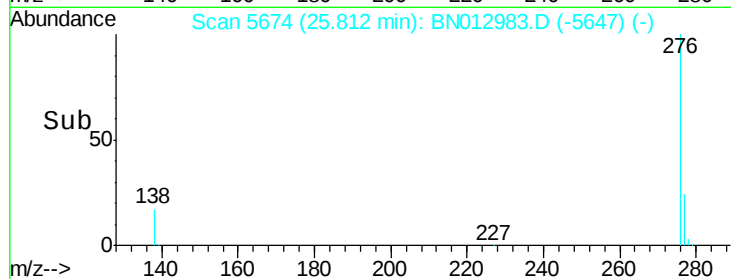
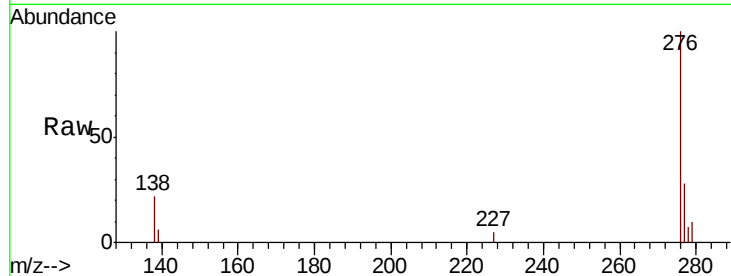
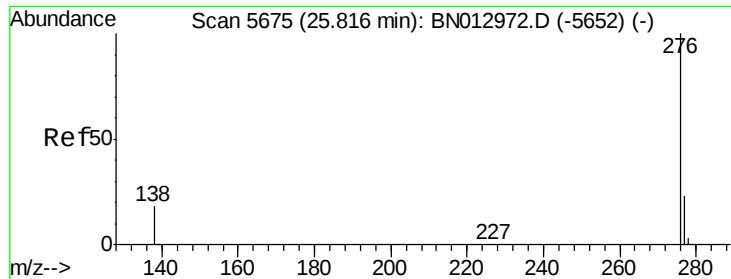
Abundance

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: 0.224 ng/ul
 RT: 25.81 min Scan# 5674
 Delta R.T. -0.01 min
 Lab File: BN012983.D
 Acq: 08 Dec 2020 19:41

Tot Ion:	276	Resp:	3981
Ion Ratio	Lower	Upper	
276	100		
138	21.5	16.3	24.5
277	27.7	21.8	32.6

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ1DL

Manual Integrations
 APPROVED

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