

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012992.D
 Acq On : 09 Dec 2020 01:41
 Operator : CG/JU
 Sample : L4942-06
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BJ0

Manual Integrations
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Quant Time: Dec 09 03:45:16 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 03:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1120	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4495	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2760	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	5593m	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	4545	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	3302	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	3337	0.50	ng/ul	-0.01
14) Fluoranthene-d10	18.85	212	7737	0.51	ng/ul	0.00
Target Compounds						Ovalue
3) Naphthalene	10.20	128	6119	0.470	ng/ul#	92
5) 2-Methylnaphthalene	11.82	142	3276	0.383	ng/ul	97
7) Acenaphthylene	13.76	152	1612	0.123	ng/ul#	95
8) Acenaphthene	14.11	153	18085	1.688	ng/ul	98
9) Fluorene	15.11	166	20904	1.700	ng/ul	96
12) Phenanthrene	16.85	178	411809	21.960	ng/ul	97
13) Anthracene	16.94	178	45382	2.844	ng/ul	94
15) Fluoranthene	18.88	202	623750	27.991	ng/ul	97
17) Pyrene	19.25	202	473831	22.072	ng/ul	100
18) Benzo(a)anthracene	21.01	228	227991	12.125	ng/ul	98
19) Chrysene	21.06	228	250893	12.076	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	283834m	18.580	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	98016m	5.805	ng/ul	
23) Benzo(a)pyrene	23.04	252	175431	12.377	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.18	276	107710	5.785	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.18	278	28853	1.959	ng/ul	92
26) Benzo(a,h,i)perylene	25.80	276	87284	5.183	ng/ul	95

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

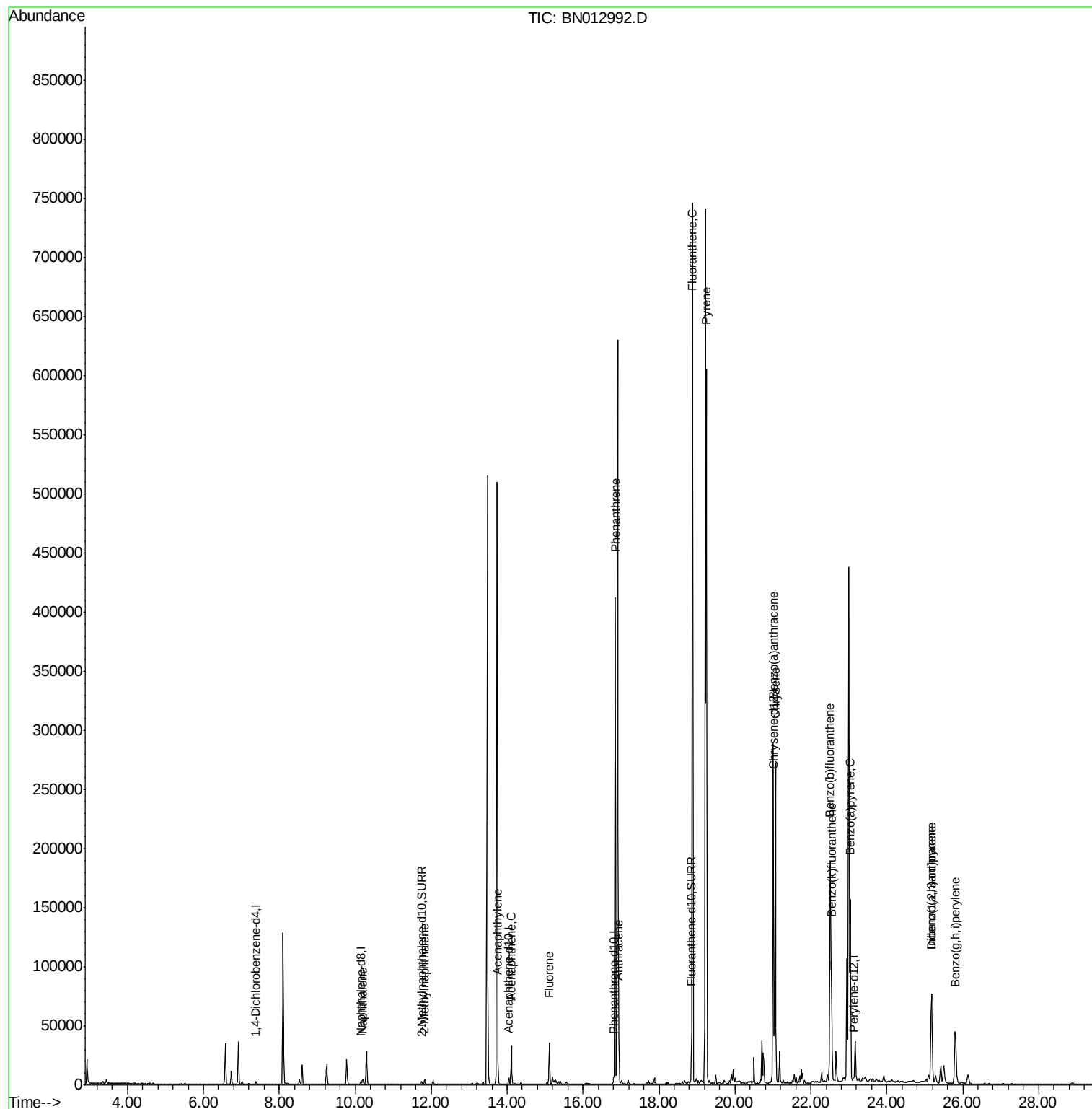
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012992.D
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ALS Vial : 62 Sample Multiplier: 1

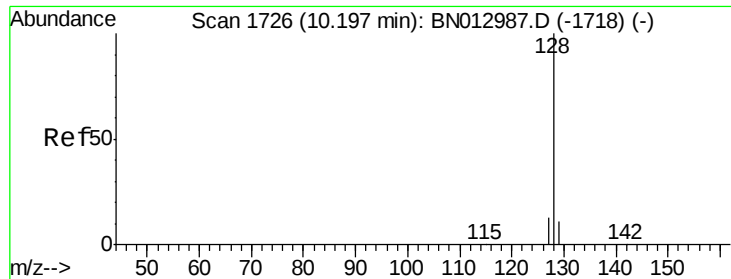
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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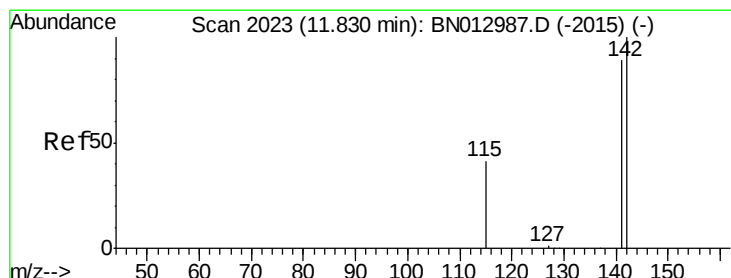
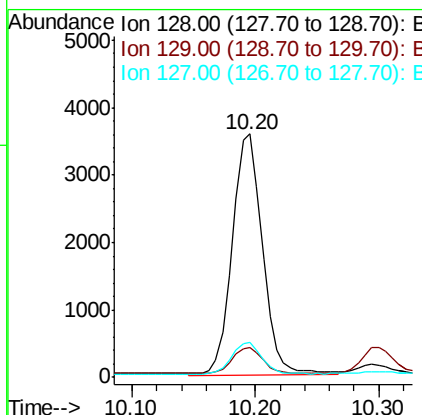
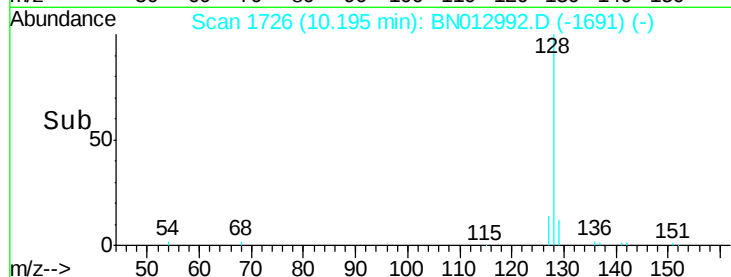
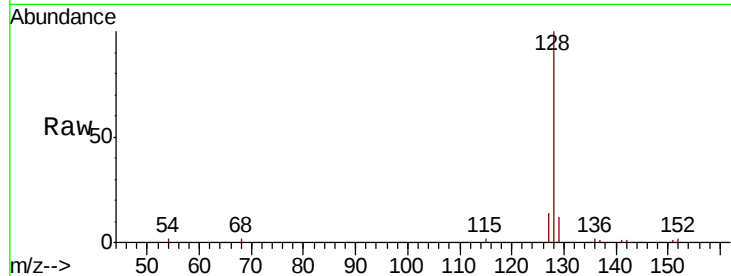
#3
Naphthalene
Concen: 0.470 ng/ul
RT: 10.20 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BN012992.D
Acq: 09 Dec 2020 01:41

Instrument :
BNA_N
ClientSampleId :
C0BJ0

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	12.3	18.5#
127	14.3	14.2	21.4

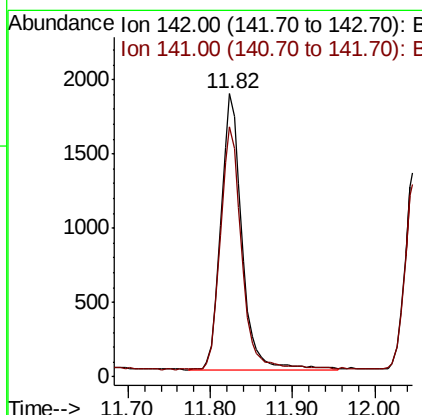
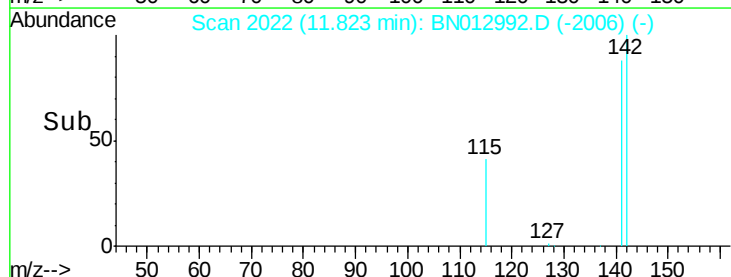
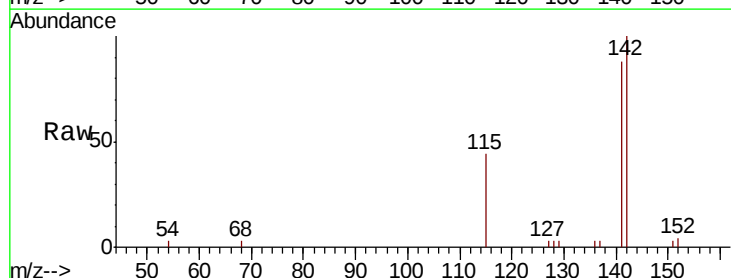
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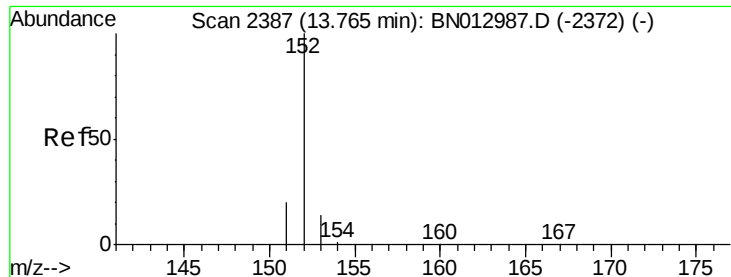
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#5
2-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 11.82 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BN012992.D
Acq: 09 Dec 2020 01:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	73.0	109.6





#7

Acenaphthylene

Concen: 0.123 ng/ul

RT: 13.76 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BN012992.D

Acq: 09 Dec 2020 01:41

Instrument :

BNA_N

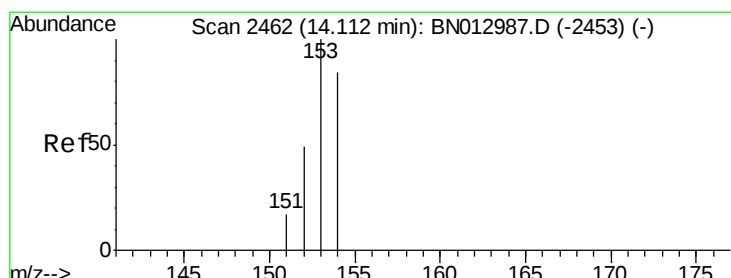
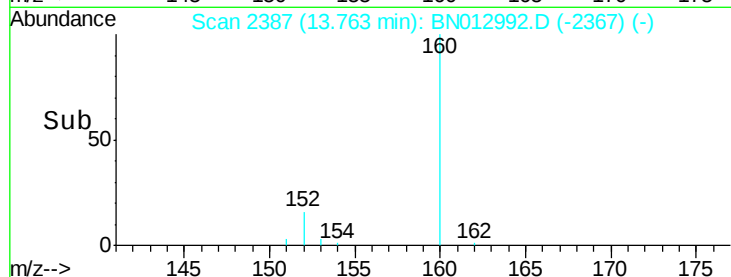
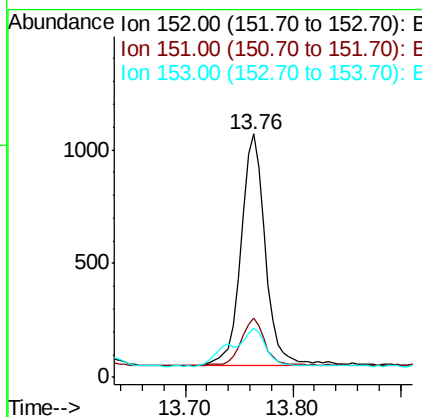
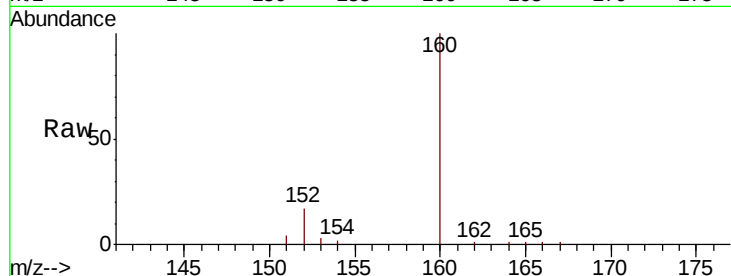
ClientSampleId :

C0BJ0

Tot Ion:	152	Resp:	1612
Ion Ratio	Lower	Upper	
152	100		
151	24.1	18.2	27.4
153	19.9	13.1	19.7

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#8

Acenaphthene

Concen: 1.688 ng/ul

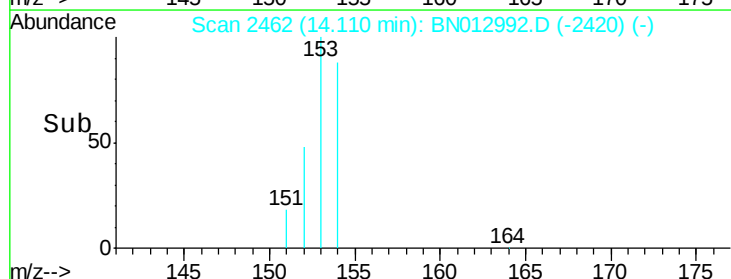
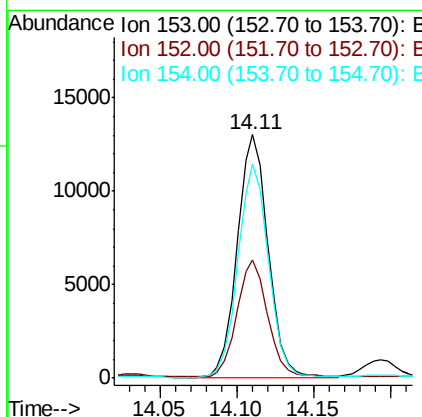
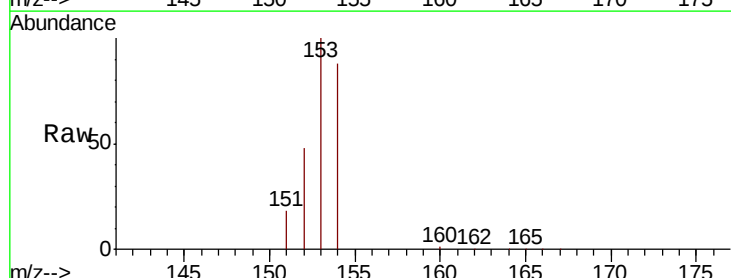
RT: 14.11 min Scan# 2462

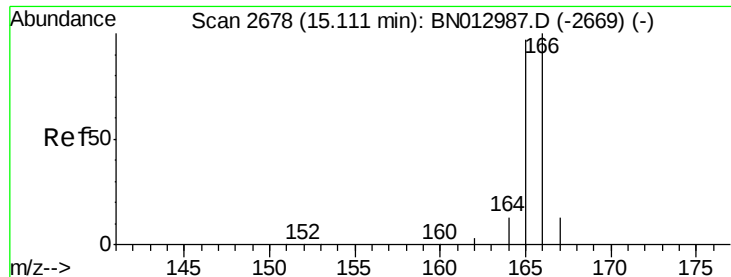
Delta R.T. -0.01 min

Lab File: BN012992.D

Acq: 09 Dec 2020 01:41

Tgt Ion:	153	Resp:	18085
Ion Ratio	Lower	Upper	
153	100		
152	48.4	40.7	61.1
154	87.8	70.8	106.2





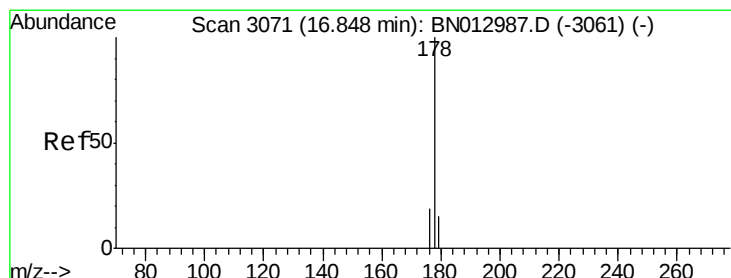
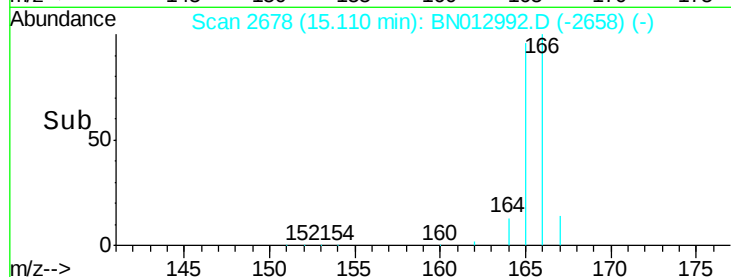
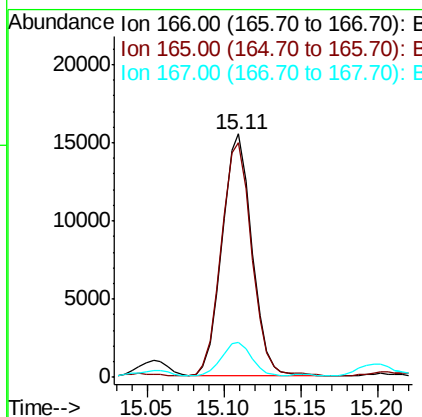
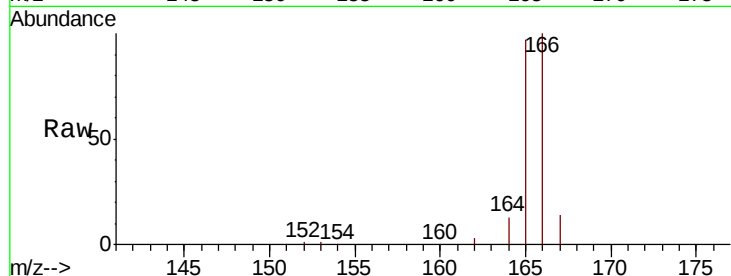
#9
Fluorene
 Concen: 1.700 ng/ul
 RT: 15.11 min Scan# 2678
 Delta R.T. -0.01 min
 Lab File: BN012992.D
 Acq: 09 Dec 2020 01:41

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ion	Ratio	Lower	Upper
166	100			
165	96.6	79.8	119.8	
167	14.5	13.8	20.8	

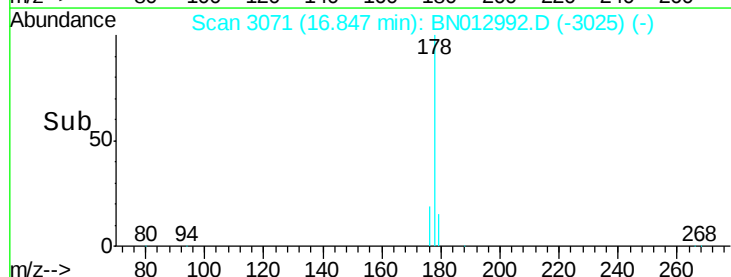
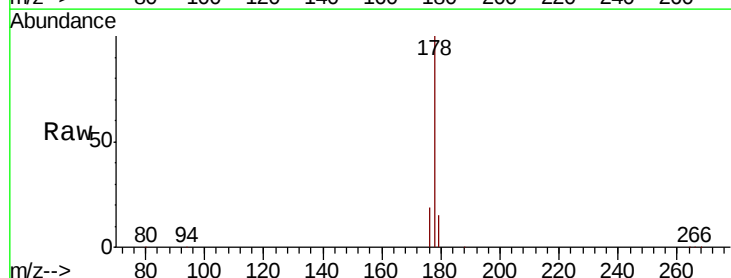
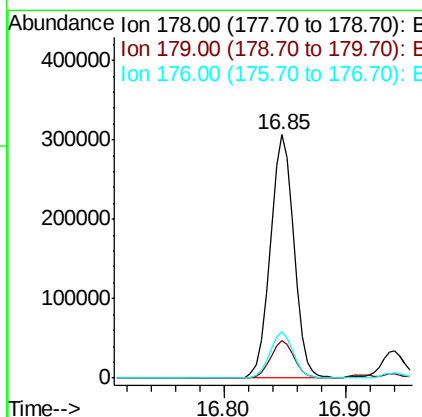
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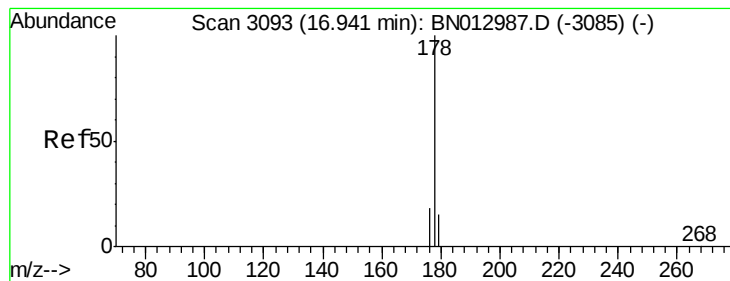
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#12
Phenanthrene
 Concen: 21.960 ng/ul
 RT: 16.85 min Scan# 3071
 Delta R.T. -0.01 min
 Lab File: BN012992.D
 Acq: 09 Dec 2020 01:41

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
179	15.4	13.6	20.4	
176	19.2	16.4	24.6	





#13

Anthracene

Concen: 2.844 ng/ul

RT: 16.94 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BN012992.D

Acq: 09 Dec 2020 01:41

Instrument :

BNA_N

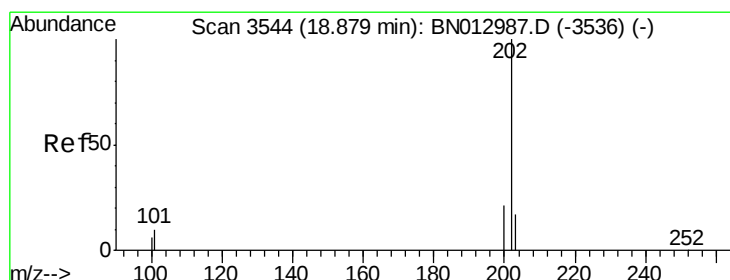
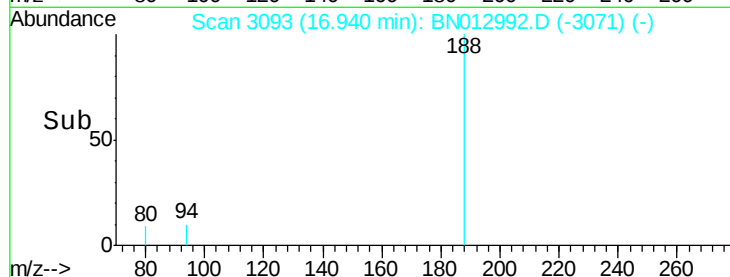
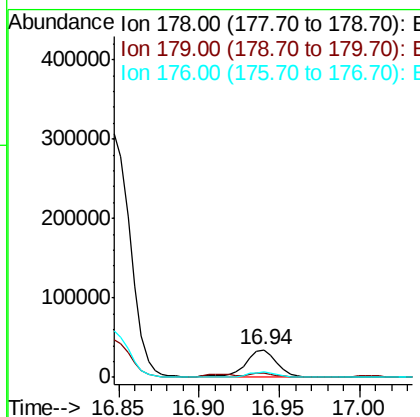
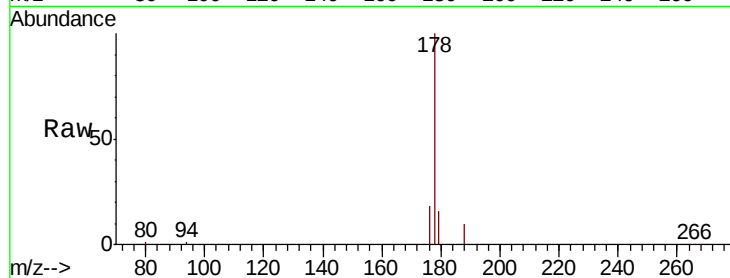
ClientSampleId :

C0BJ0

Tot Ion:	178	Resp:	45382
Ion Ratio	Lower	Upper	
178	100		
179	15.8	14.6	21.8
176	18.3	17.1	25.7

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#15

Fluoranthene

Concen: 27.991 ng/ul

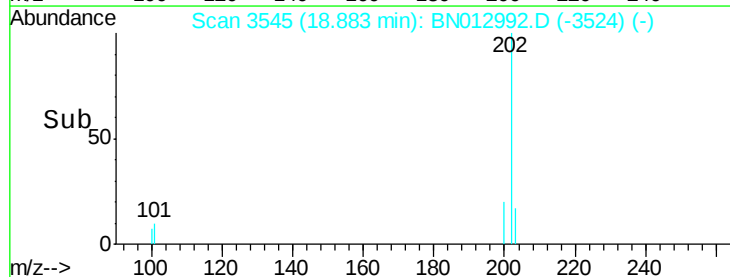
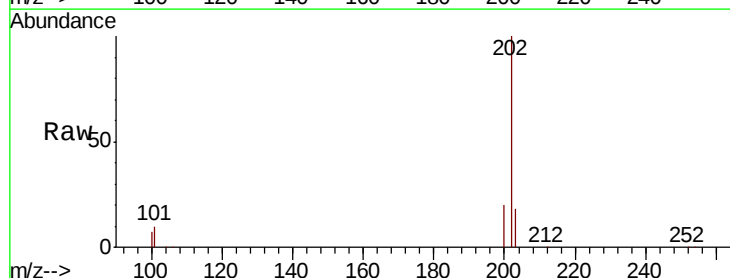
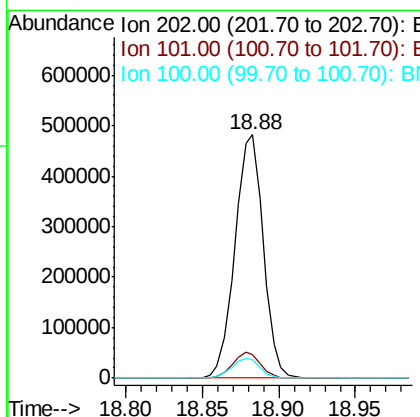
RT: 18.88 min Scan# 3545

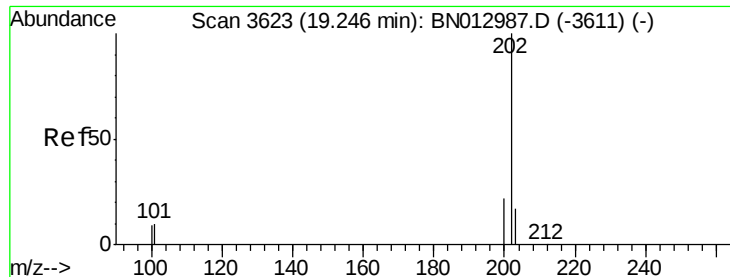
Delta R.T. -0.00 min

Lab File: BN012992.D

Acq: 09 Dec 2020 01:41

Tgt Ion:	202	Resp:	623750
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	30.6
100	7.3	0.0	28.7





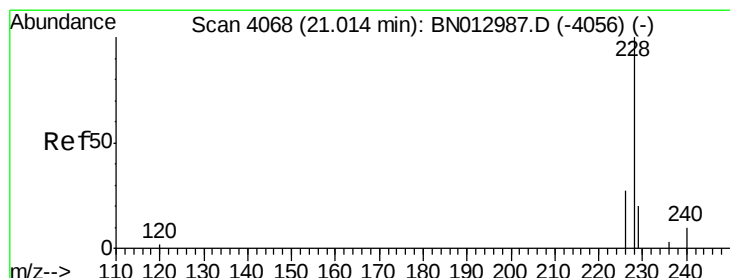
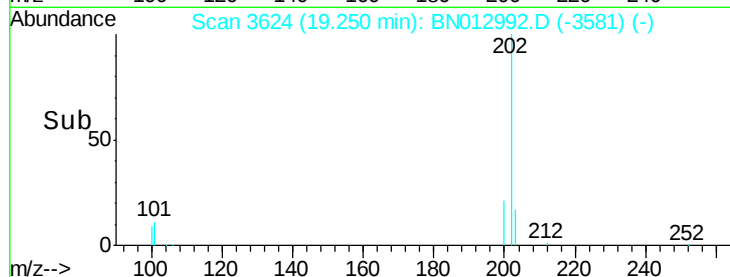
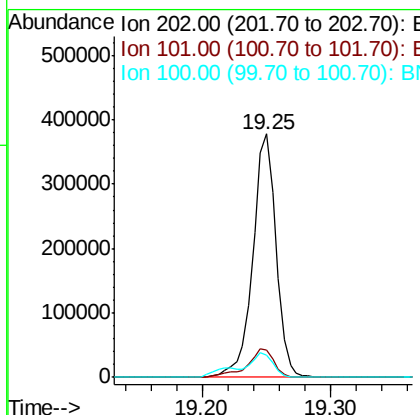
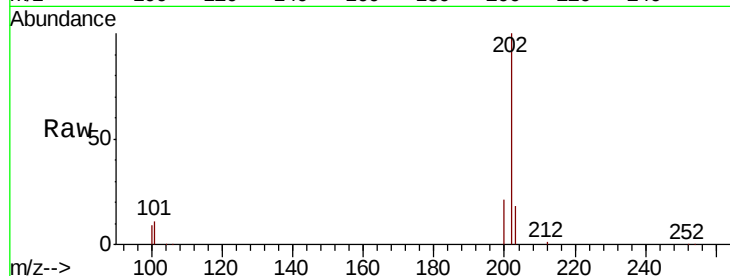
#17
Pvrene
Concen: 22.072 ng/ul
RT: 19.25 min Scan# 3624
Delta R.T. -0.00 min
Lab File: BN012992.D
Acq: 09 Dec 2020 01:41

Instrument :
BNA_N
ClientSampleId :
C0BJ0

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.4	9.1	13.7
100	9.3	7.5	11.3

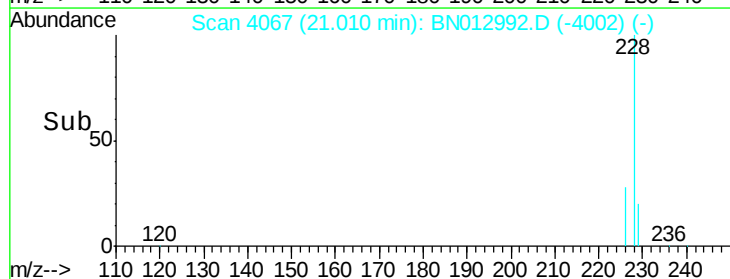
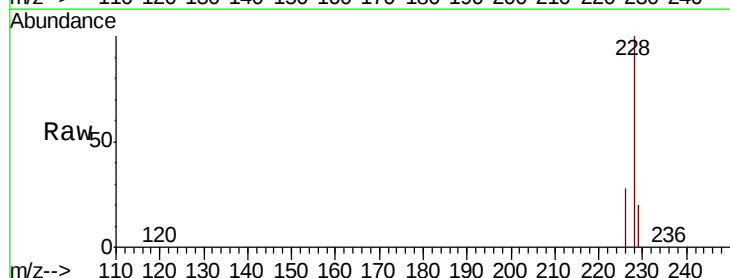
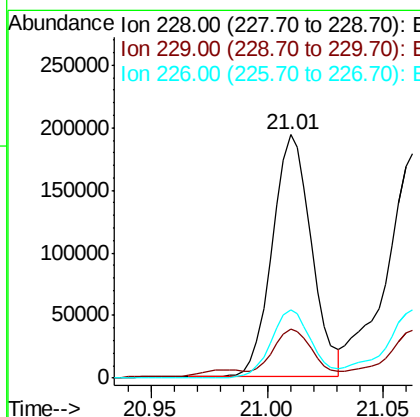
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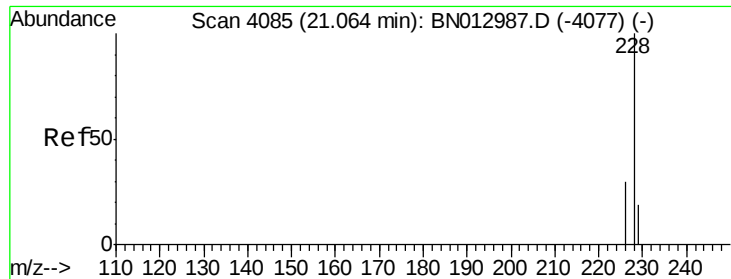
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#18
Benzo(a)anthracene
Concen: 12.125 ng/ul
RT: 21.01 min Scan# 4067
Delta R.T. -0.01 min
Lab File: BN012992.D
Acq: 09 Dec 2020 01:41

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.0	16.3	24.5
226	28.0	23.4	35.2





#19

Chrysene

Concen: 12.076 ng/ul

RT: 21.06 min Scan# 4085

Delta R.T. -0.01 min

Lab File: BN012992.D

Acq: 09 Dec 2020 01:41

Instrument :

BNA_N

ClientSampleId :

C0BJ0

Tot Ion:228 Resp: 250893

Ion Ratio Lower Upper

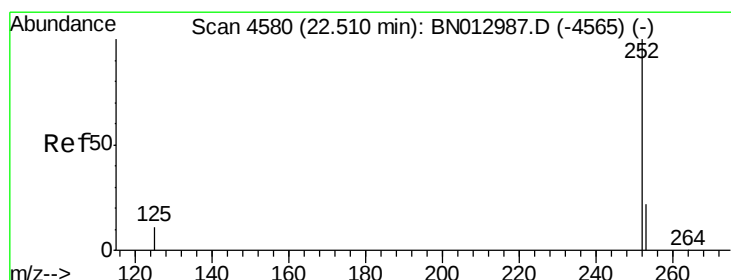
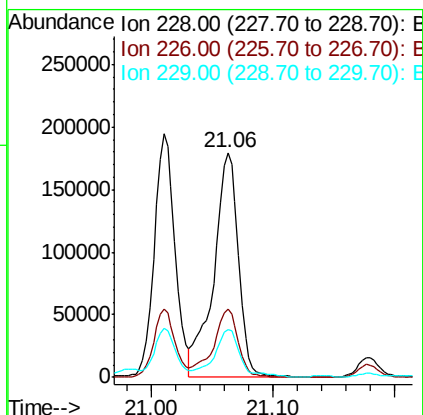
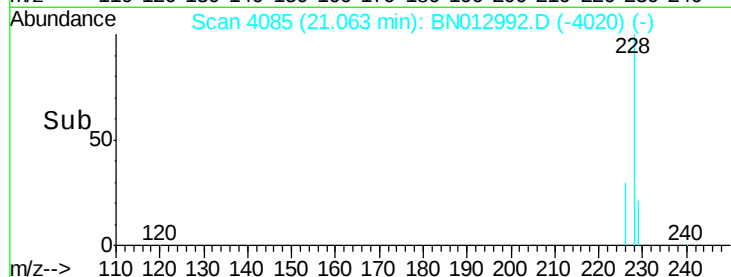
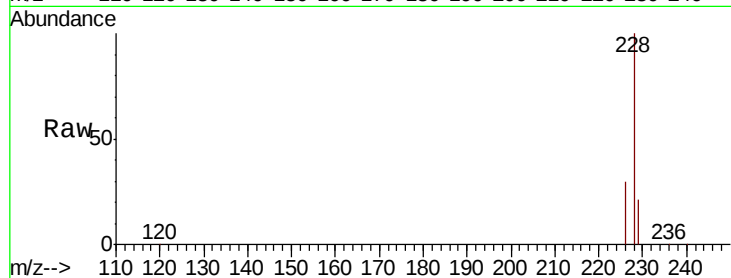
228 100

226 30.5 25.0 37.6

229 21.4 16.4 24.6

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#21

Benzo(b)fluoranthene

Concen: 18.580 ng/ul m

RT: 22.51 min Scan# 4580

Delta R.T. -0.01 min

Lab File: BN012992.D

Acq: 09 Dec 2020 01:41

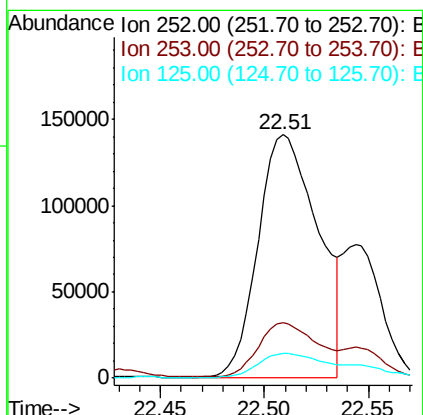
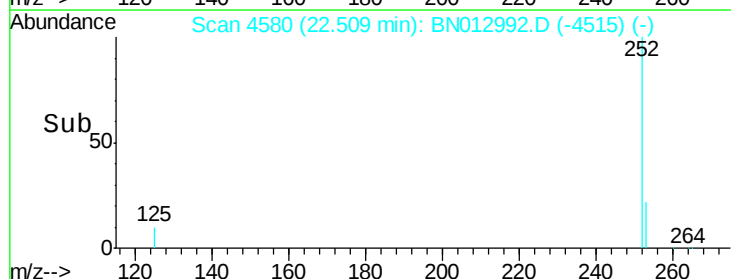
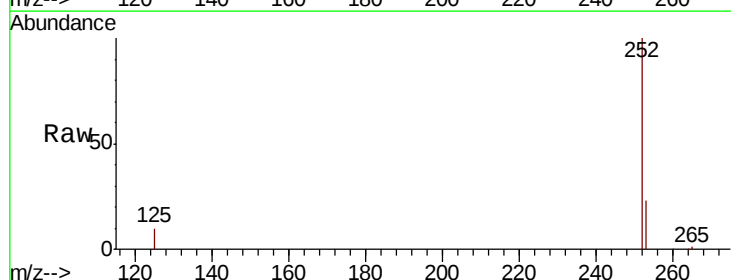
Tgt Ion:252 Resp: 283834

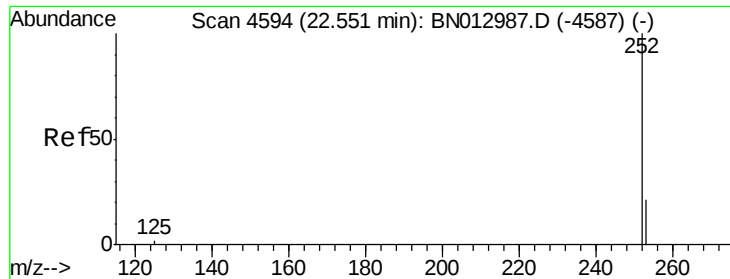
Ion Ratio Lower Upper

252 100

253 22.8 0.0 59.6

125 10.0 0.0 26.0





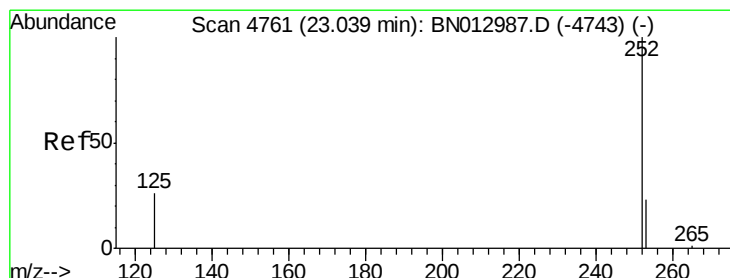
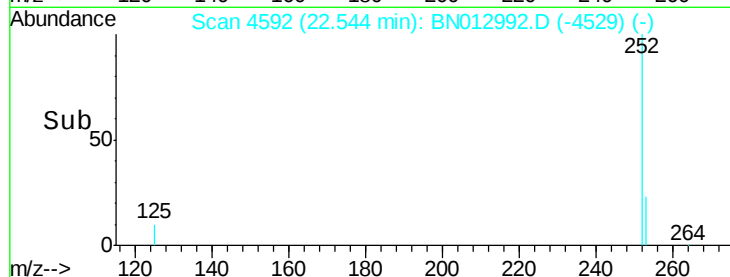
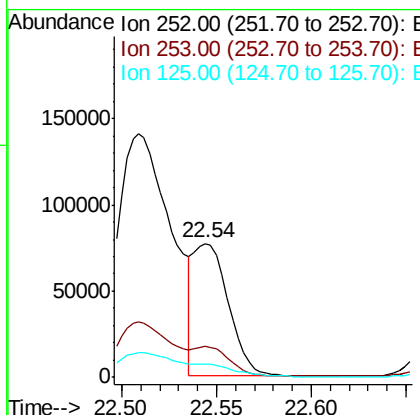
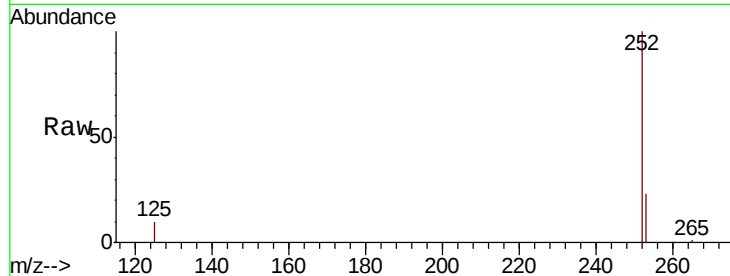
#22
Benzo(k)fluoranthene
Concen: 5.805 ng/ul m
RT: 22.54 min Scan# 4592
Delta R.T. -0.02 min
Lab File: BN012992.D
Acq: 09 Dec 2020 01:41

Instrument :
BNA_N
ClientSampleId :
C0BJ0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	23.4	35.2#
125	10.0	11.1	16.7#

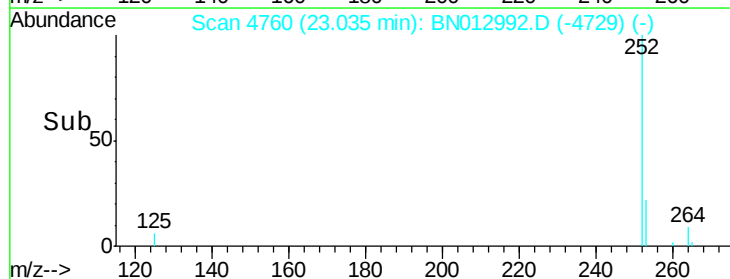
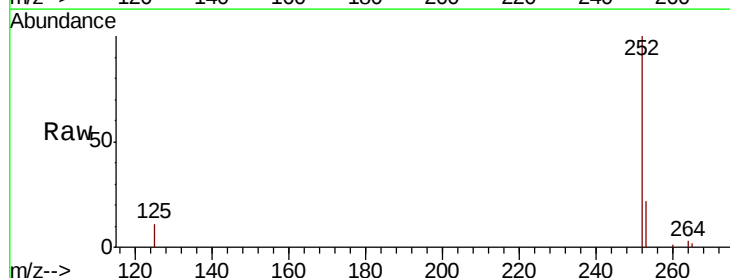
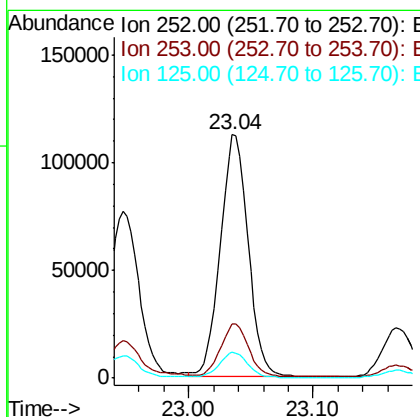
Manual Integrations
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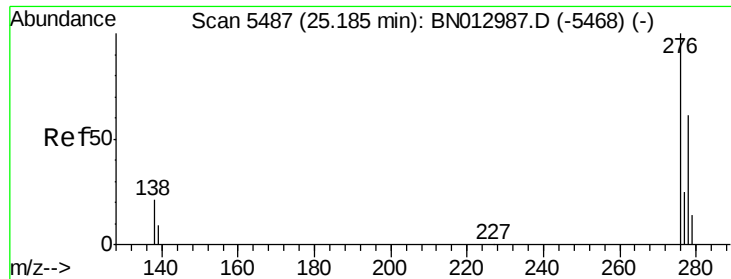
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#23
Benzo(a)pyrene
Concen: 12.377 ng/ul
RT: 23.04 min Scan# 4760
Delta R.T. -0.01 min
Lab File: BN012992.D
Acq: 09 Dec 2020 01:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	26.5	39.7#
125	10.8	14.2	21.2#





#24

Indeno(1,2,3-cd)pyrene

Concen: 5.785 ng/ul

RT: 25.18 min Scan# 5485

Delta R.T. -0.01 min

Lab File: BN012992.D

Acq: 09 Dec 2020 01:41

Instrument :

BNA_N

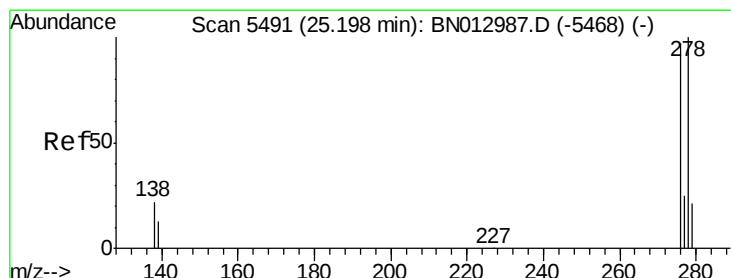
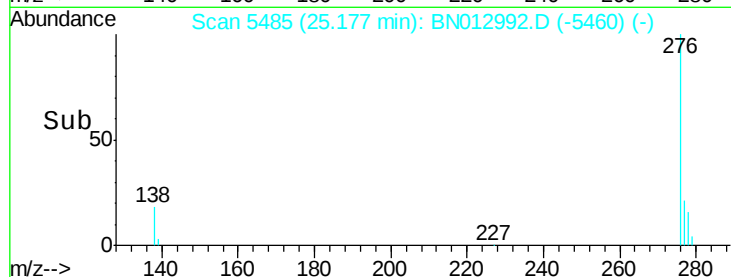
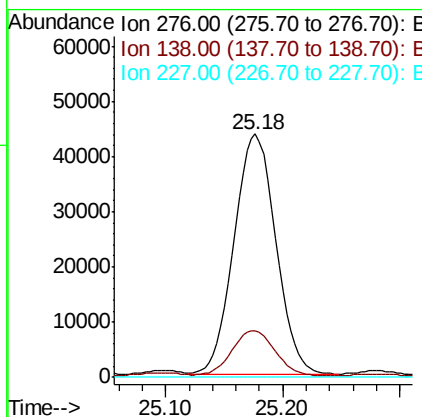
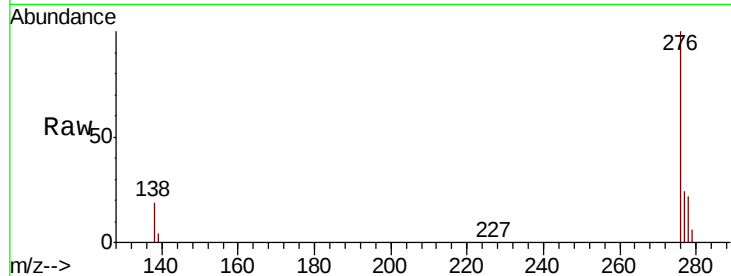
ClientSampleId :

C0BJ0

Tot Ion:	276	Resp:	107710
Ion Ratio	Lower	Upper	
276	100		
138	19.4	16.2	24.2
227	0.2	0.0	0.0#

Manual Integrations
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#25

Dibenzo(a,h)anthracene

Concen: 1.959 ng/ul

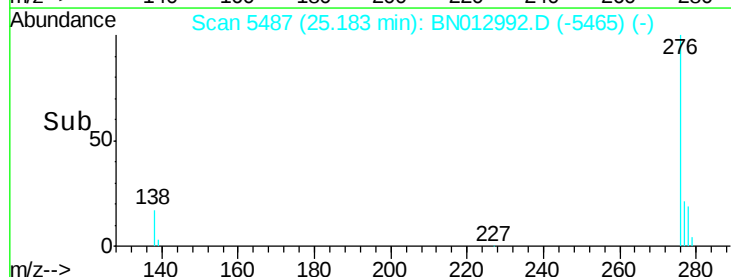
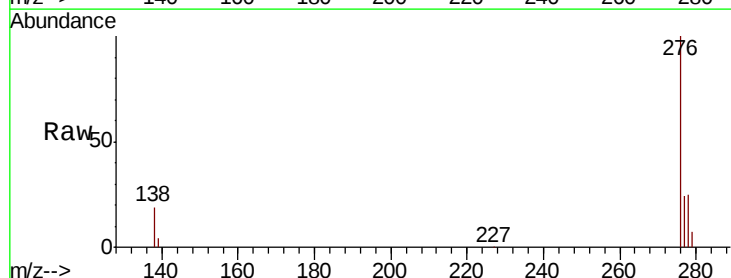
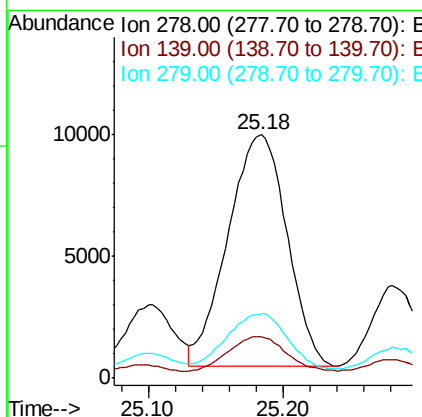
RT: 25.18 min Scan# 5487

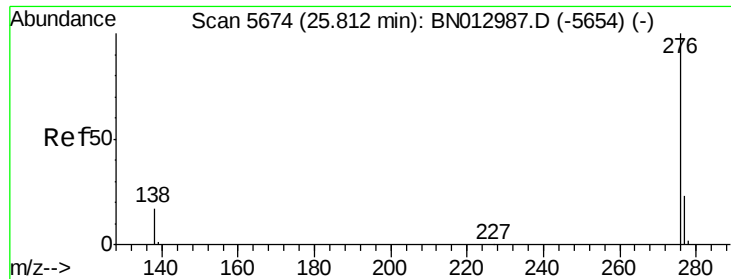
Delta R.T. -0.02 min

Lab File: BN012992.D

Acq: 09 Dec 2020 01:41

Tgt Ion:	278	Resp:	28853
Ion Ratio	Lower	Upper	
278	100		
139	17.0	14.5	21.7
279	26.6	26.3	39.5





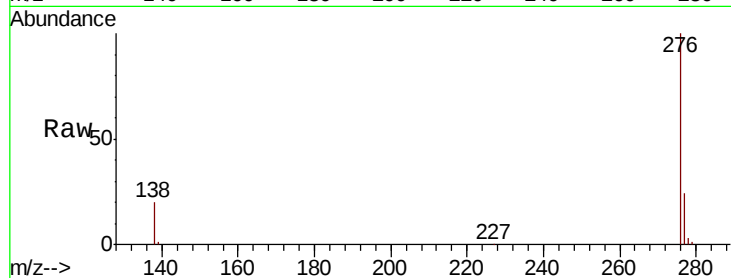
#26
 Benzo(a,h,i)perylene
 Concen: 5.183 ng/ul
 RT: 25.80 min Scan# 5671
 Delta R.T. -0.02 min
 Lab File: BN012992.D
 Acq: 09 Dec 2020 01:41

Instrument :
 BNA_N
 ClientSampleId :
 C0BJ0

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.5	16.3	24.5
277	23.7	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

