

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012793.D
 Acq On : 01 Dec 2020 21:52
 Operator : CG/JU
 Sample : L4793-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BA3

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Quant Time: Dec 02 01:31:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 00:53:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	957	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	4015	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.08	164	2454	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.84	188	5151m	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	4239	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	4473	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	1346	0.23	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	2917	0.22	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.79	152	249	0.021	ng/ul#	51
12) Phenanthrene	16.88	178	1647	0.092	ng/ul	97
13) Anthracene	16.97	178	412	0.026	ng/ul#	72
15) Fluoranthene	18.91	202	3990	0.193	ng/ul	99
17) Pyrene	19.27	202	4483	0.236	ng/ul#	91
18) Benzo(a)anthracene	21.04	228	2135	0.141	ng/ul	97
19) Chrysene	21.09	228	2652	0.140	ng/ul	96
21) Benzo(b)fluoranthene	22.54	252	3083m	0.150	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	1499m	0.063	ng/ul	
23) Benzo(a)pyrene	23.07	252	2192	0.113	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.23	276	1671	0.066	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.24	278	707	0.035	ng/ul#	48
26) Benzo(g,h,i)perylene	25.86	276	1792	0.079	ng/ul#	88

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

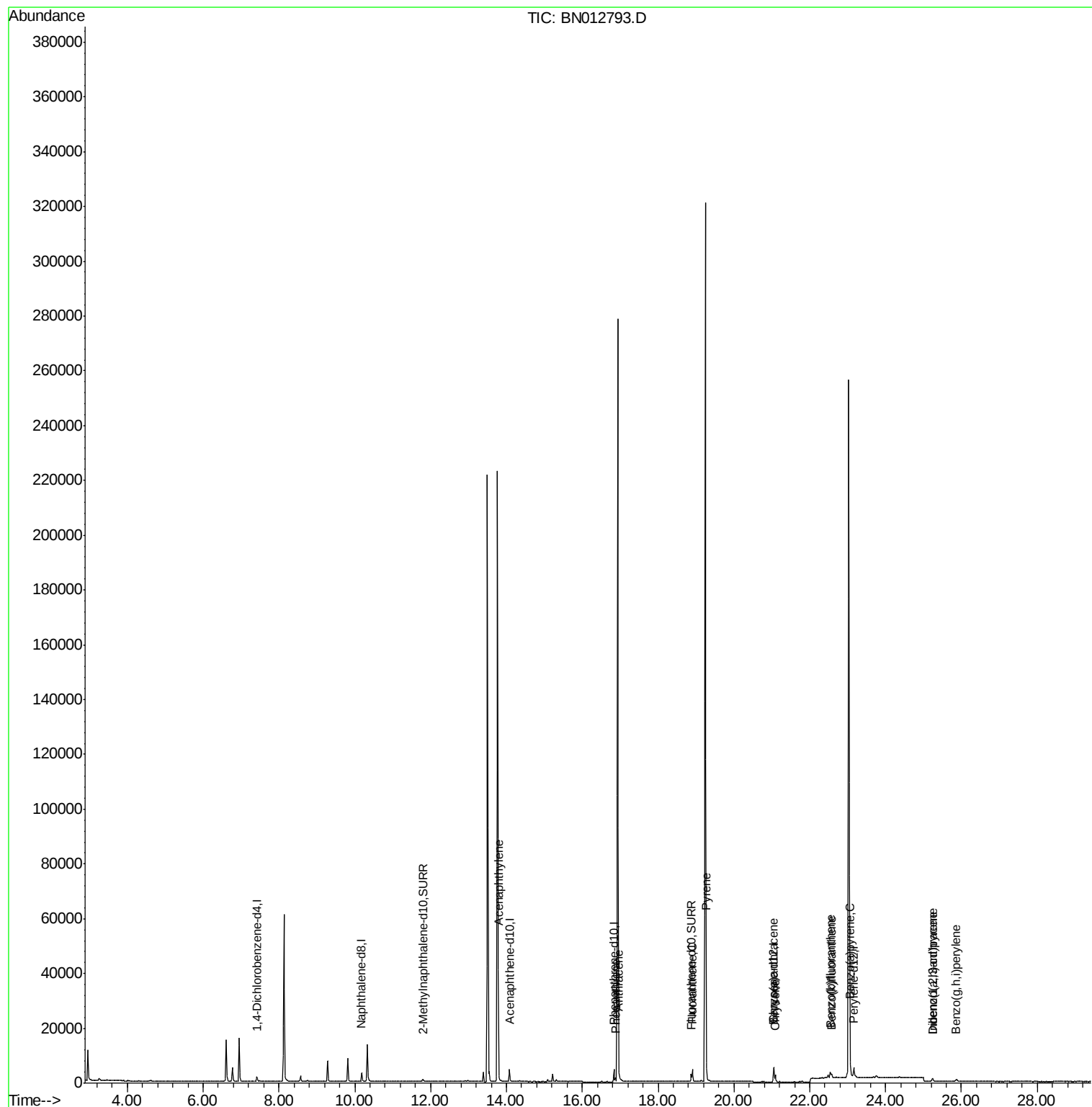
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012793.D
Acq On : 01 Dec 2020 21:52
Operator : CG/JU
Sample : L4793-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

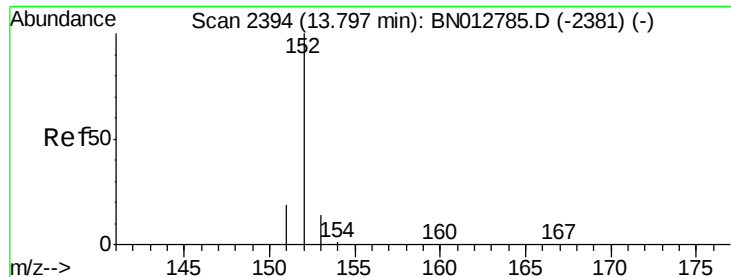
Instrument :
BNA_N
ClientSampleId :
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Quant Time: Dec 02 01:31:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 00:53:21 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.021 ng/ul

RT: 13.79 min Scan# 2393

Delta R.T. -0.00 min

Lab File: BN012793.D

Acq: 01 Dec 2020 21:52

Instrument :

BNA_N

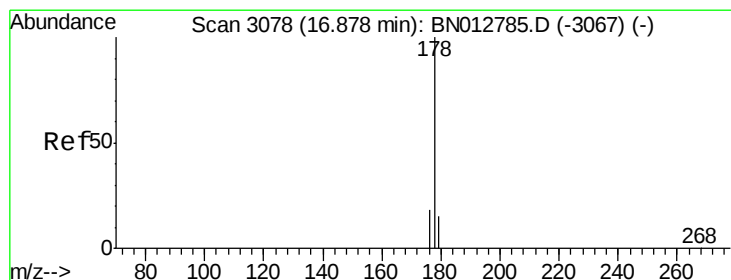
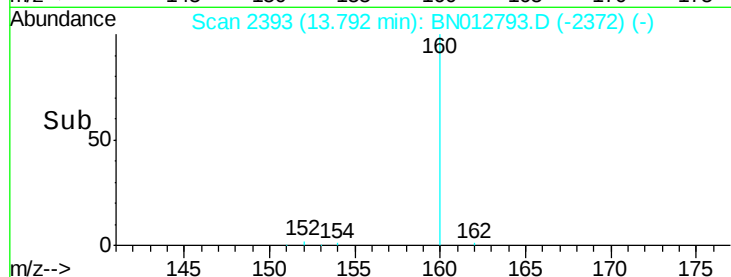
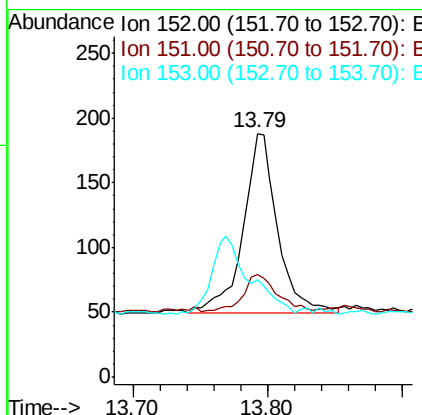
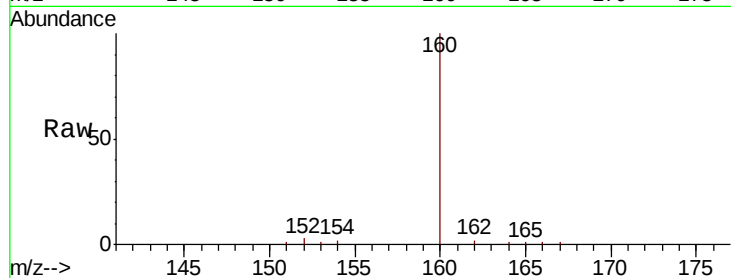
ClientSampleId :

C0BA3

Tot Ion:	152	Resp:	249
Ion Ratio	Lower	Upper	
152	100		
151	42.0	17.1	25.7#
153	39.9	12.6	19.0#

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#12

Phenanthrene

Concen: 0.092 ng/ul

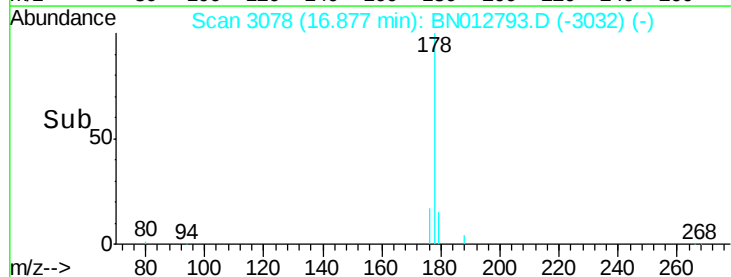
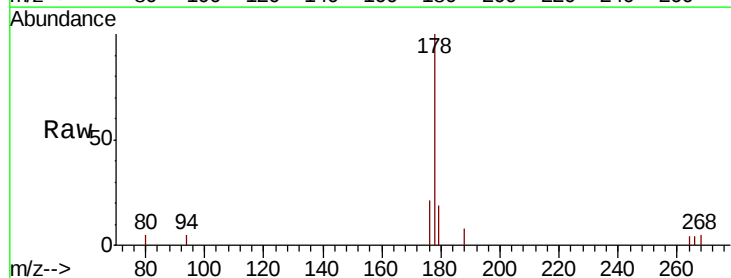
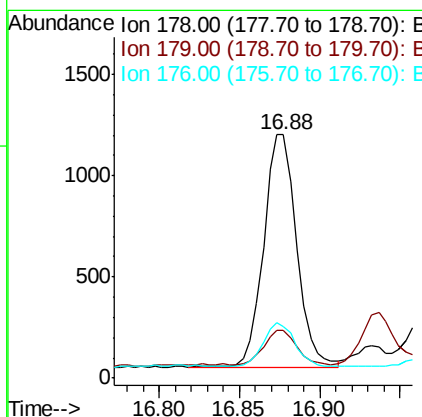
RT: 16.88 min Scan# 3078

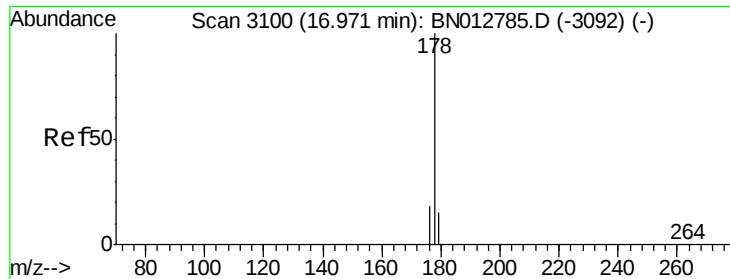
Delta R.T. -0.00 min

Lab File: BN012793.D

Acq: 01 Dec 2020 21:52

Tgt Ion:	178	Resp:	1647
Ion Ratio	Lower	Upper	
178	100		
179	19.4	13.8	20.6
176	21.1	16.7	25.1





#13

Anthracene

Concen: 0.026 ng/ul

RT: 16.97 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BN012793.D

Acq: 01 Dec 2020 21:52

Instrument :

BNA_N

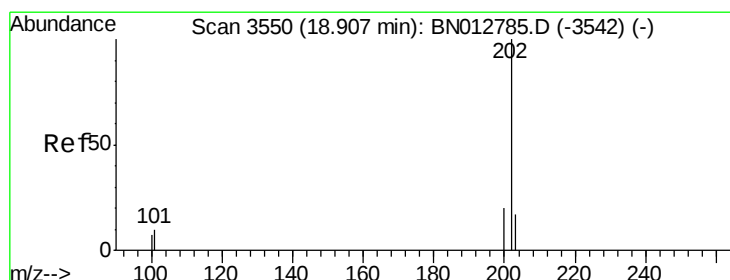
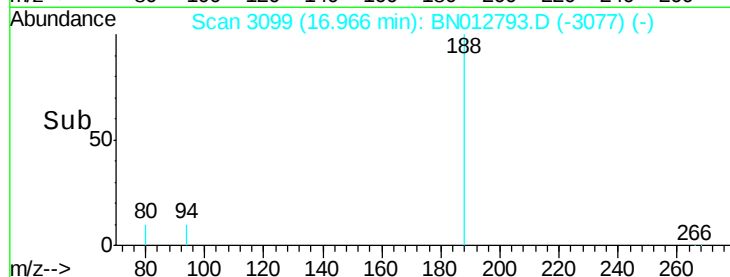
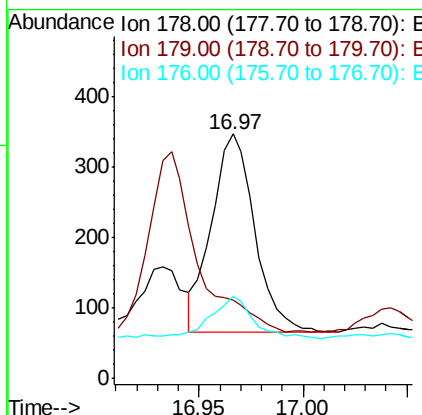
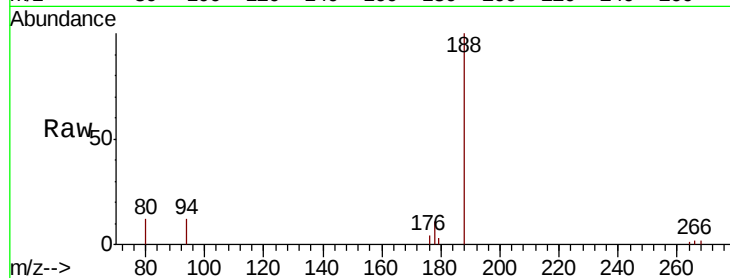
ClientSampleId :

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Tot Ion:178	Resp:	412
Ion Ratio	Lower	Upper
178	100	
179	31.7	14.8 22.2#
176	33.1	16.3 24.5#

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#15

Fluoranthene

Concen: 0.193 ng/ul

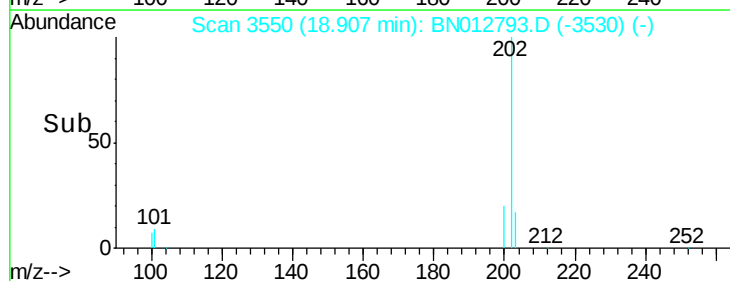
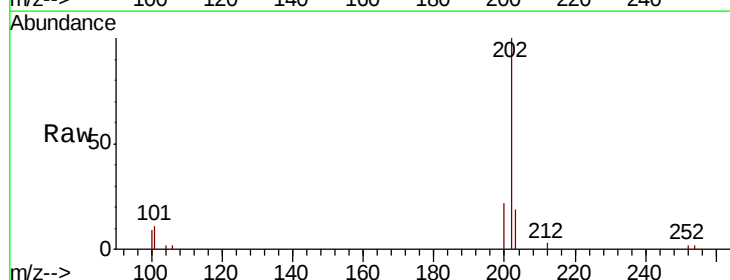
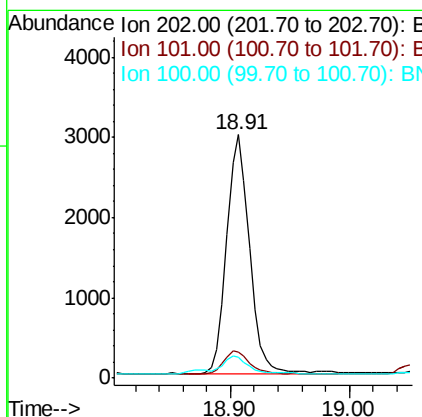
RT: 18.91 min Scan# 3550

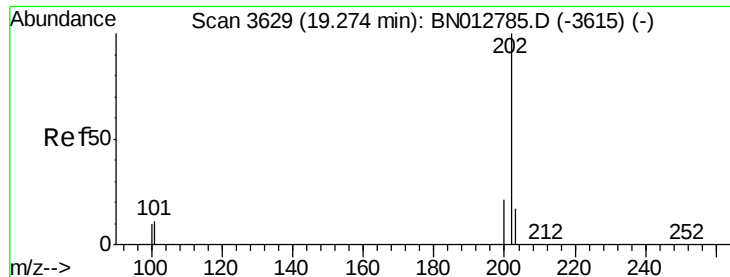
Delta R.T. -0.00 min

Lab File: BN012793.D

Acq: 01 Dec 2020 21:52

Tgt Ion:202	Resp:	3990
Ion Ratio	Lower	Upper
202	100	
101	10.9	0.0 30.5
100	8.7	0.0 28.4





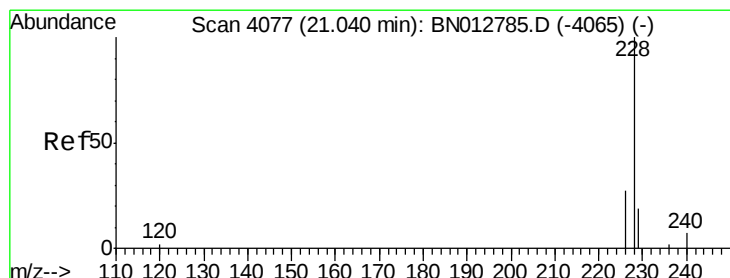
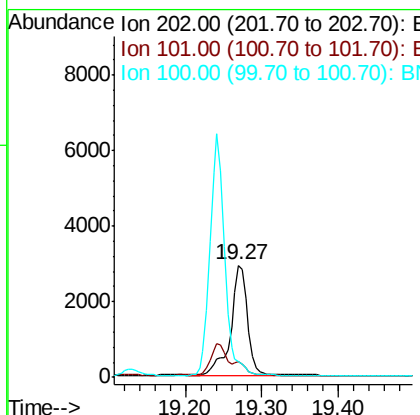
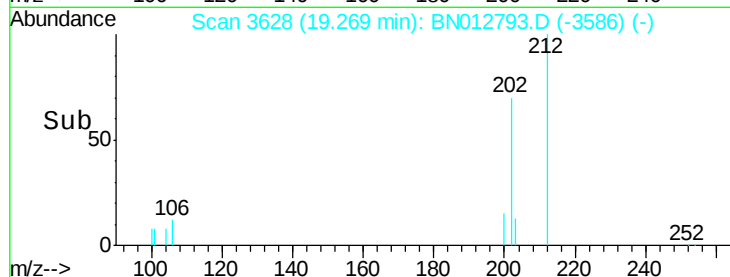
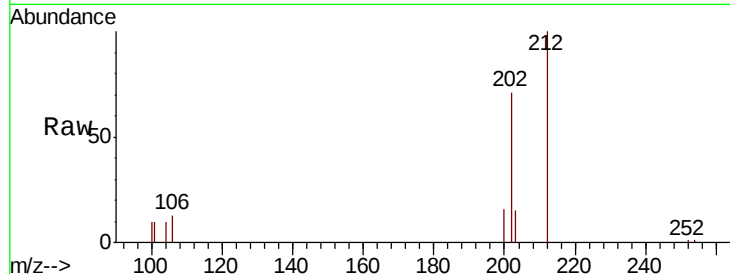
#17
Pvrene
Concen: 0.236 ng/ul
RT: 19.27 min Scan# 3628
Delta R.T. -0.00 min
Lab File: BN012793.D
Acq: 01 Dec 2020 21:52

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	13.6	8.9	13.3#
100	13.5	7.4	11.2#

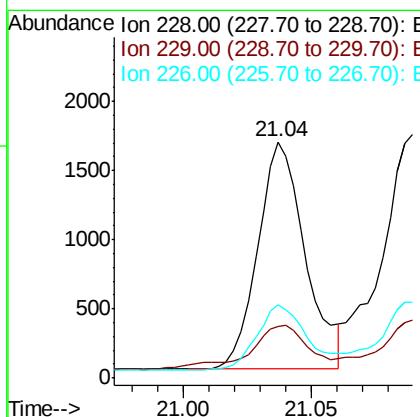
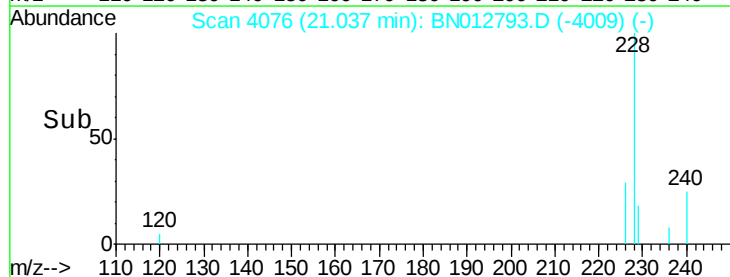
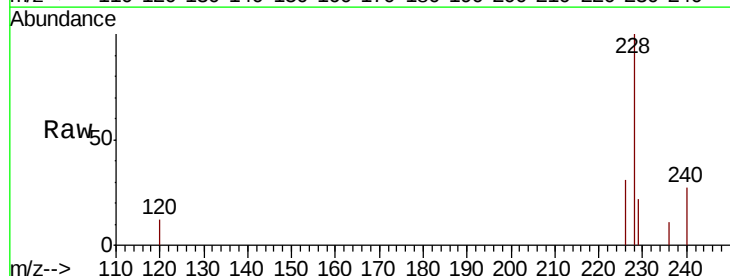
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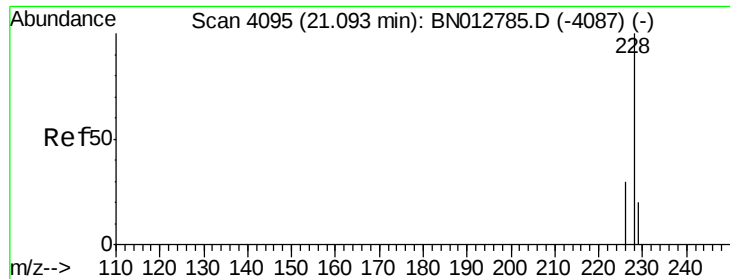
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#18
Benzo(a)anthracene
Concen: 0.141 ng/ul
RT: 21.04 min Scan# 4076
Delta R.T. -0.00 min
Lab File: BN012793.D
Acq: 01 Dec 2020 21:52

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.9	25.3
226	31.1	23.1	34.7





#19

Chrysene

Concen: 0.140 ng/ul

RT: 21.09 min Scan# 4094

Delta R.T. -0.00 min

Lab File: BN012793.D

Acq: 01 Dec 2020 21:52

Instrument :

BNA_N

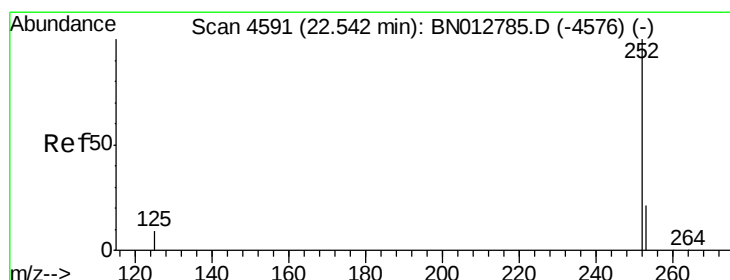
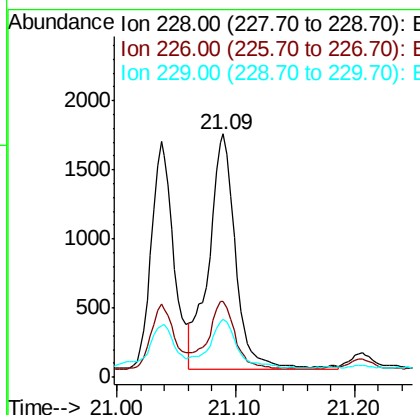
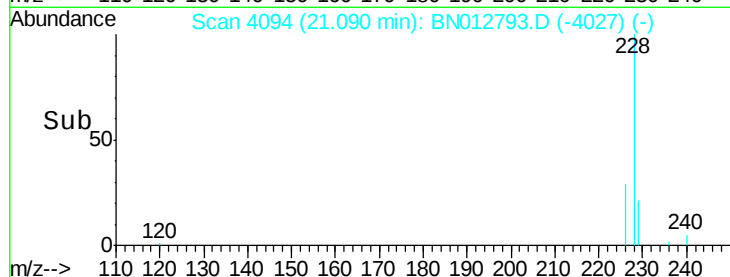
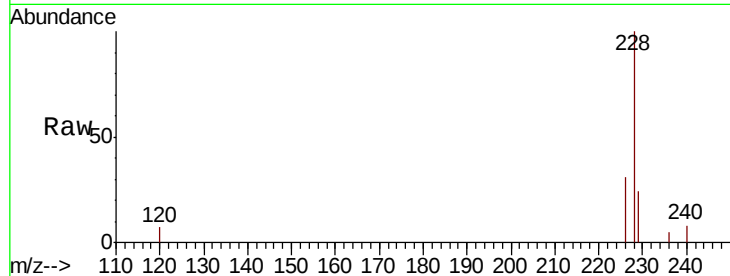
ClientSampleId :

C0BA3

Tot Ion:	228	Resp:	2652
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.4	36.6
229	23.8	16.1	24.1

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#21

Benzo(b)fluoranthene

Concen: 0.150 ng/ul m

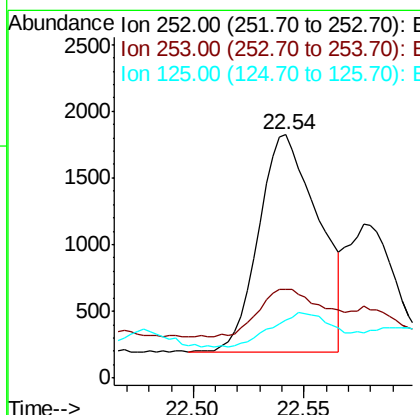
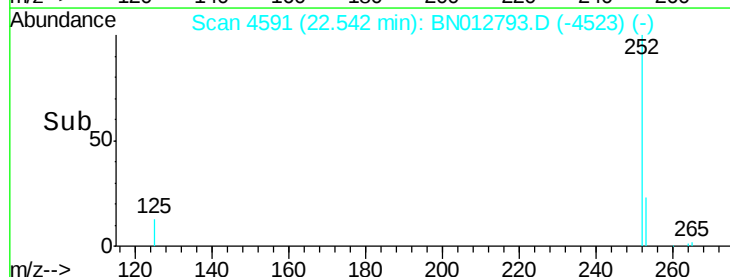
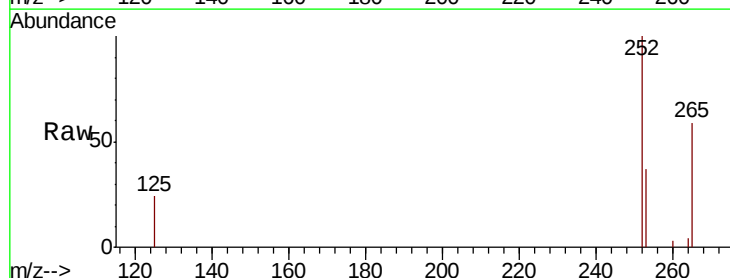
RT: 22.54 min Scan# 4591

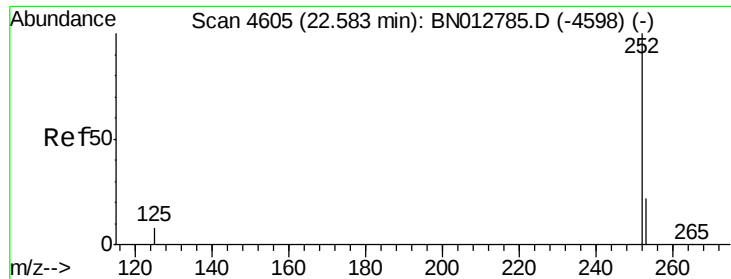
Delta R.T. -0.00 min

Lab File: BN012793.D

Acq: 01 Dec 2020 21:52

Tgt Ion:	252	Resp:	3083
Ion Ratio	Lower	Upper	
252	100		
253	36.7	0.0	58.4
125	23.6	0.0	28.6





#22

Benzo(k)fluoranthene

Concen: 0.063 ng/ul m

RT: 22.58 min Scan# 4603

Delta R.T. -0.01 min

Lab File: BN012793.D

Acq: 01 Dec 2020 21:52

Instrument :

BNA_N

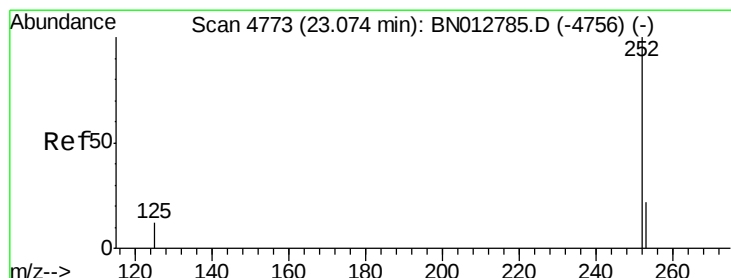
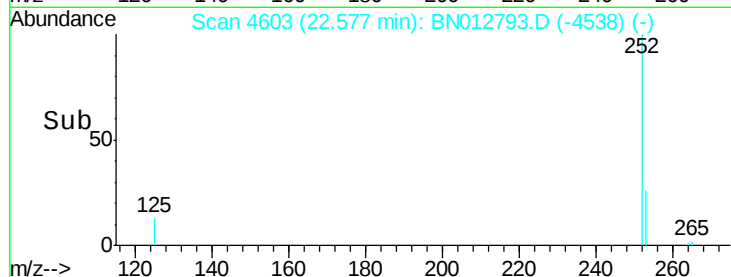
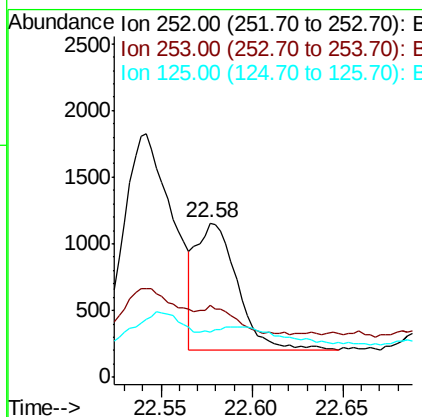
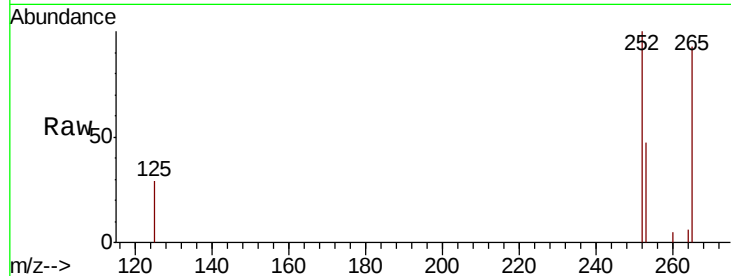
ClientSampled :

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Tot Ion	Ratio	Lower	Upper
252	100		
253	46.9	23.4	35.2#
125	29.4	10.2	15.2#

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#23

Benzo(a)pyrene

Concen: 0.113 ng/ul

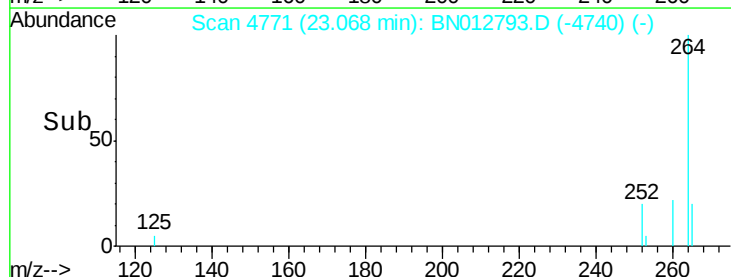
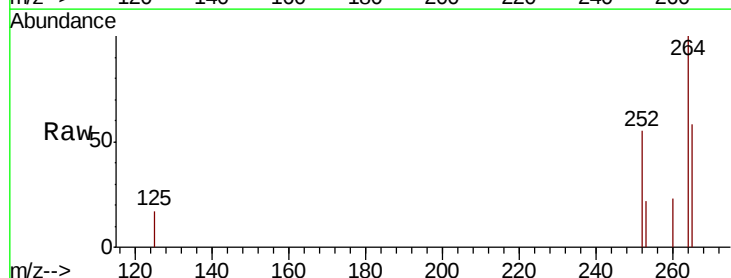
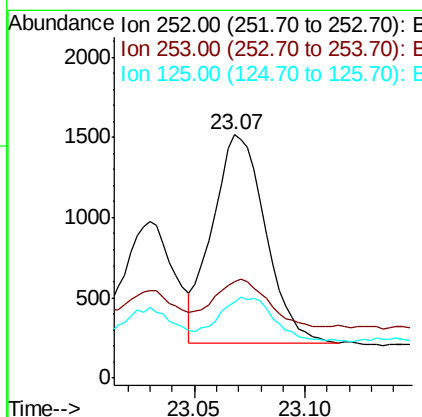
RT: 23.07 min Scan# 4771

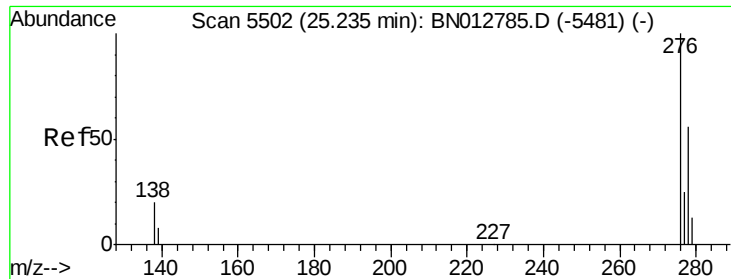
Delta R.T. -0.01 min

Lab File: BN012793.D

Acq: 01 Dec 2020 21:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	39.8	27.6	41.4
125	31.0	17.0	25.4#





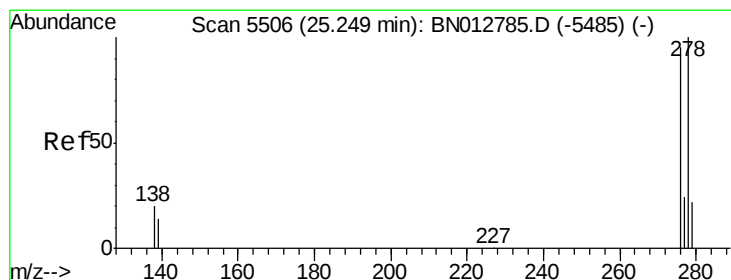
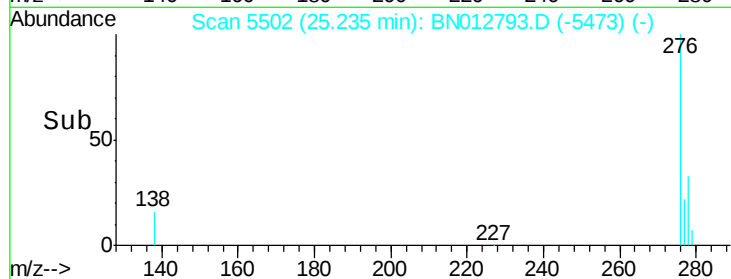
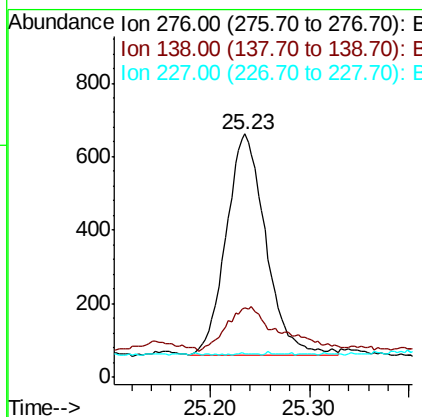
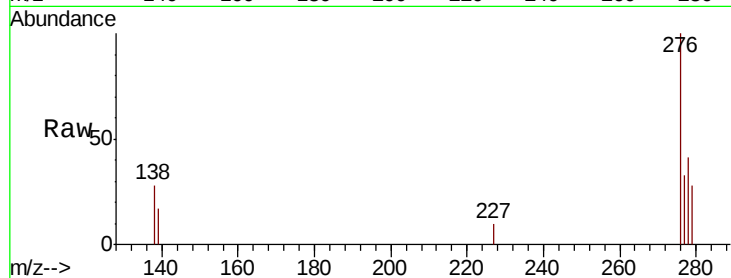
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.066 ng/ul
RT: 25.23 min Scan# 5502
Delta R.T. -0.00 min
Lab File: BN012793.D
Acq: 01 Dec 2020 21:52

Instrument :
BNA_N
ClientSampleId :
C0BA3

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.9	16.5	24.7#
227	0.4	0.1	0.1#

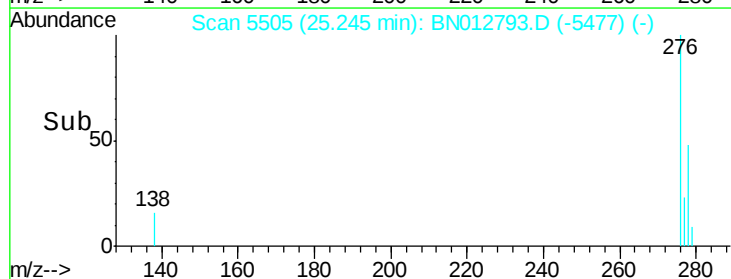
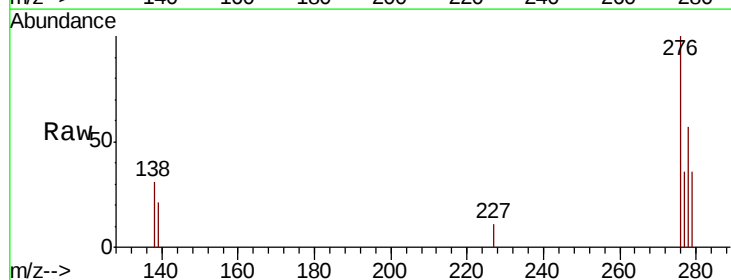
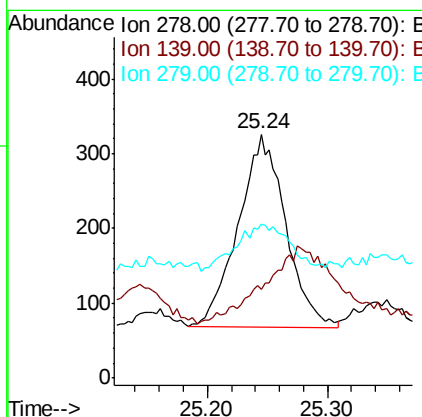
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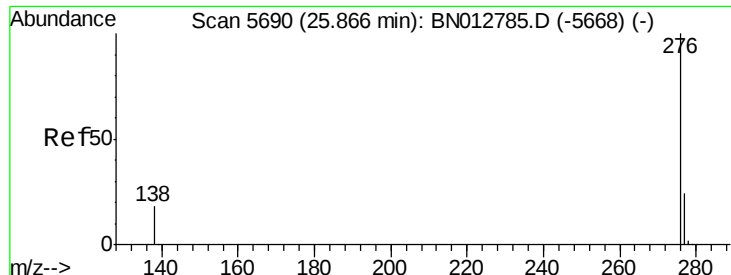
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#25
Dibenzo(a,h)anthracene
Concen: 0.035 ng/ul
RT: 25.24 min Scan# 5505
Delta R.T. -0.01 min
Lab File: BN012793.D
Acq: 01 Dec 2020 21:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	36.2	13.8	20.8#
279	63.2	25.6	38.4#





#26
 Benzo(a,h,i)perylene
 Concen: 0.079 ng/ul
 RT: 25.86 min Scan# 5689
 Delta R.T. -0.00 min
 Lab File: BN012793.D
 Acq: 01 Dec 2020 21:52

Instrument :
 BNA_N
 ClientSampleId :
 C0BA3

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.8	16.3	24.5#
277	32.2	21.8	32.8

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