

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
 Data File : BN012873.D
 Acq On : 04 Dec 2020 12:29
 Operator : CG/JU
 Sample : L4865-01DL 2X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B09DL

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Quant Time: Dec 04 13:38:39 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 : Fri Dec 04 10:02:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	725	0.40	ng/ul	0.00
2) Naphthalene-d8	10.16	136	2850	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.06	164	1619	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.82	188	3337	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	2787	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	2971	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.78	152	472	0.11	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	1070	0.12	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	16.86	178	3852	0.344	ng/ul	100
13) Anthracene	16.95	178	360	0.038	ng/ul#	69
15) Fluoranthene	18.89	202	12572	0.946	ng/ul	97
17) Pyrene	19.25	202	11359	0.863	ng/ul	98
18) Benzo(a)anthracene	21.02	228	4533	0.393	ng/ul	98
19) Chrysene	21.07	228	6880	0.540	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	9972m	0.726	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	3863m	0.254	ng/ul	
23) Benzo(a)pyrene	23.05	252	6021	0.472	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.20	276	4709	0.281	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.21	278	1015	0.077	ng/ul#	70
26) Benzo(g,h,i)perylene	25.83	276	4469	0.295	ng/ul	99

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

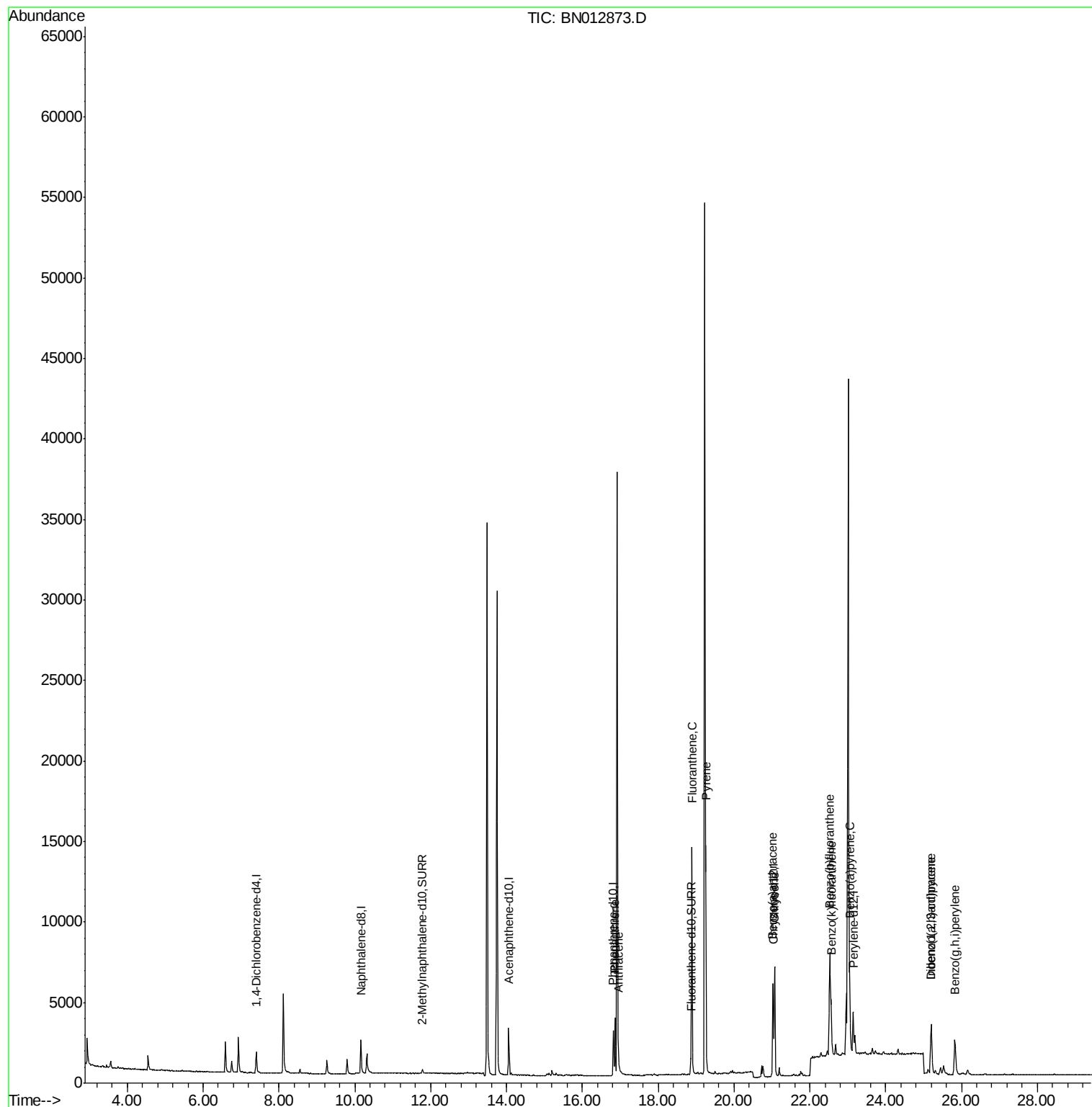
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
Data File : BN012873.D
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Sample : L4865-01DL 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

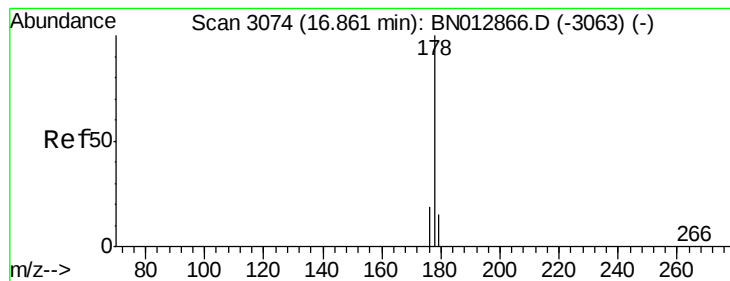
Instrument :
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C0B09DL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 04 10:02:32 2020
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.344 ng/ul

RT: 16.86 min Scan# 3074

Delta R.T. -0.00 min

Lab File: BN012873.D

Acq: 04 Dec 2020 12:29

Instrument :

BNA_N

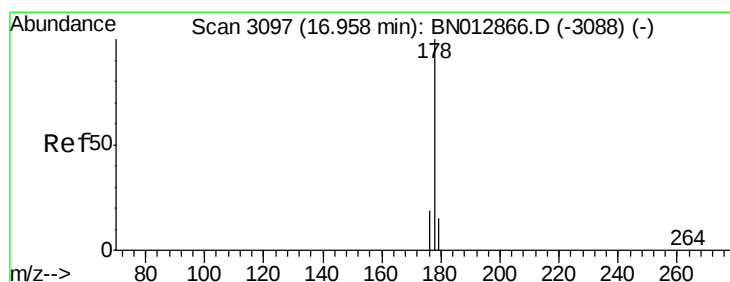
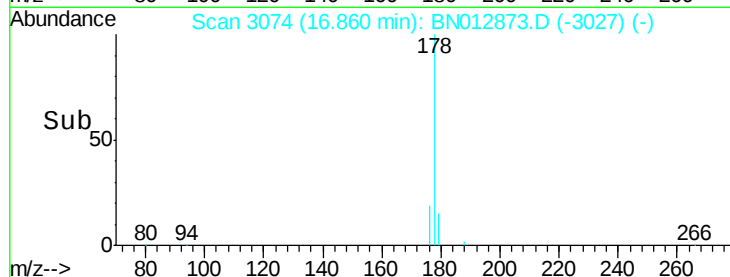
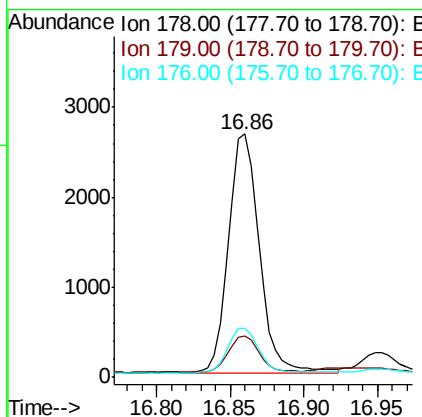
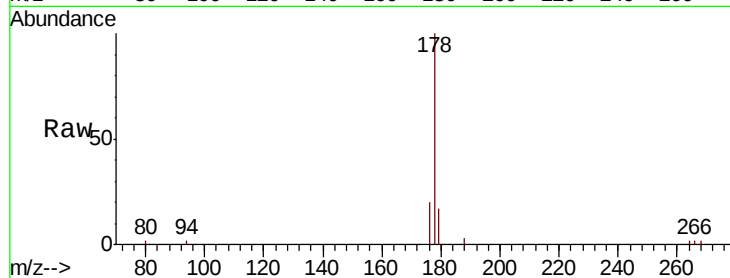
ClientSampleId :

C0B09DL

Tot Ion:178	Resp:	3852
Ion Ratio	Lower	Upper
178 100		
179 17.0	13.6	20.4
176 20.2	16.4	24.6

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#13

Anthracene

Concen: 0.038 ng/ul

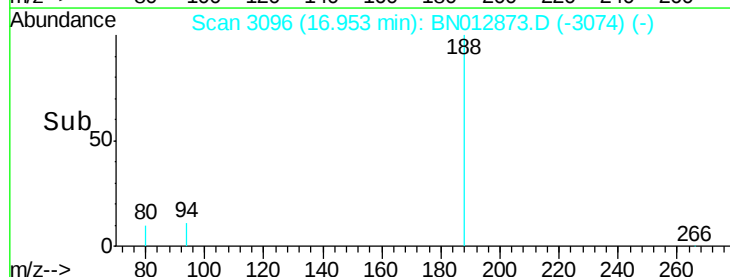
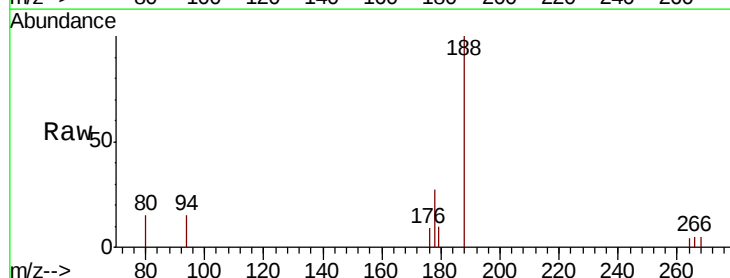
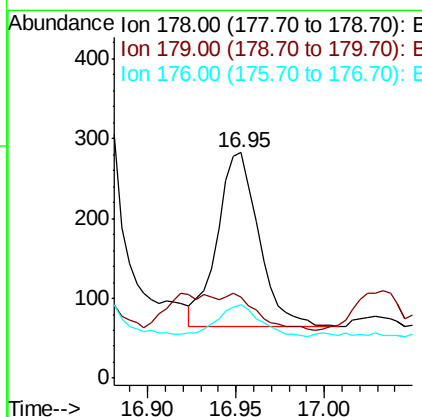
RT: 16.95 min Scan# 3096

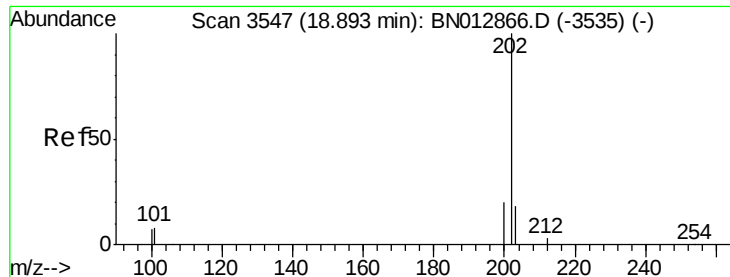
Delta R.T. -0.01 min

Lab File: BN012873.D

Acq: 04 Dec 2020 12:29

Tgt Ion:178	Resp:	360
Ion Ratio	Lower	Upper
178 100		
179 36.2	14.6	21.8#
176 32.6	17.1	25.7#





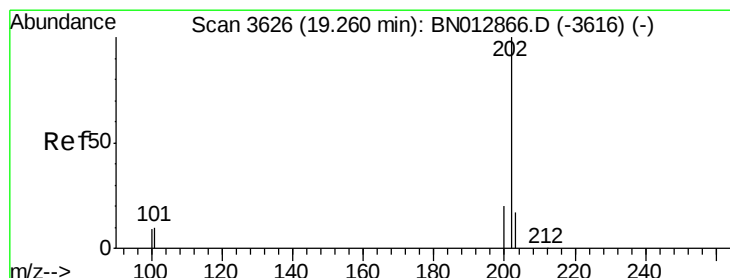
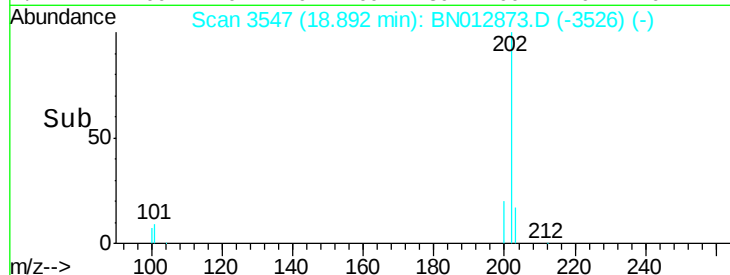
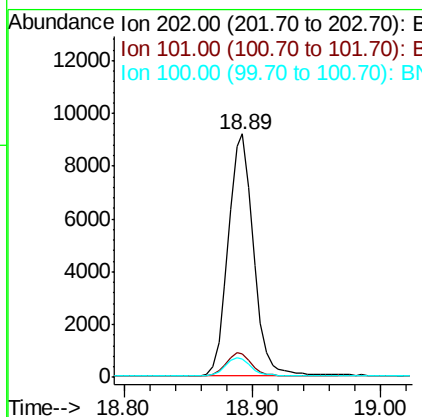
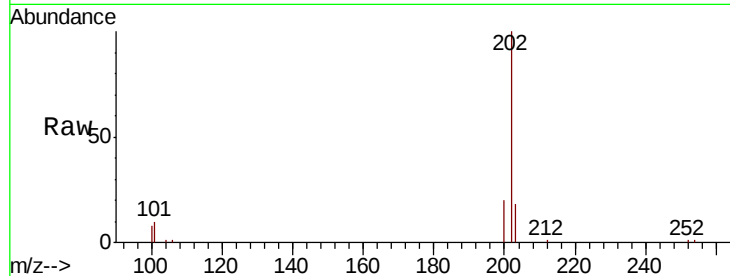
#15
Fluoranthene
 Concen: 0.946 ng/ul
 RT: 18.89 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: BN012873.D
 Acq: 04 Dec 2020 12:29

Instrument :
 BNA_N
 ClientSampleId :
 C0B09DL

Tot Ion:	202	Resp:	12572
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	30.6
100	7.6	0.0	28.7

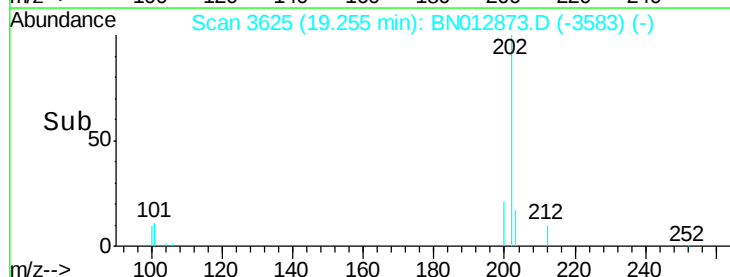
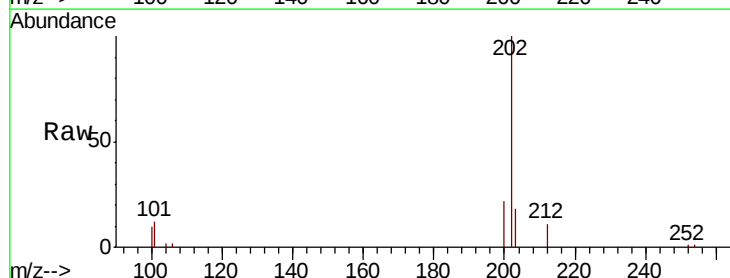
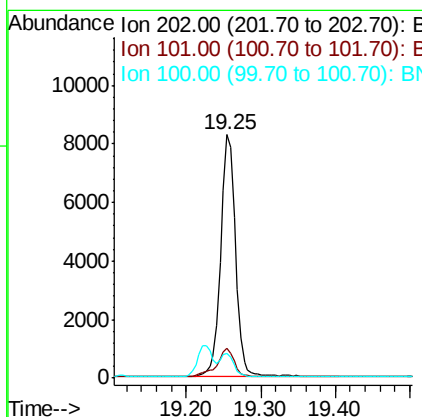
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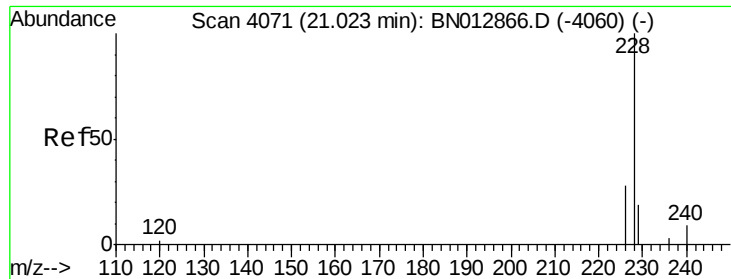
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#17
Pyrene
 Concen: 0.863 ng/ul
 RT: 19.25 min Scan# 3625
 Delta R.T. -0.01 min
 Lab File: BN012873.D
 Acq: 04 Dec 2020 12:29

Tgt Ion:	202	Resp:	11359
Ion Ratio	Lower	Upper	
202	100		
101	12.1	9.1	13.7
100	10.3	7.5	11.3





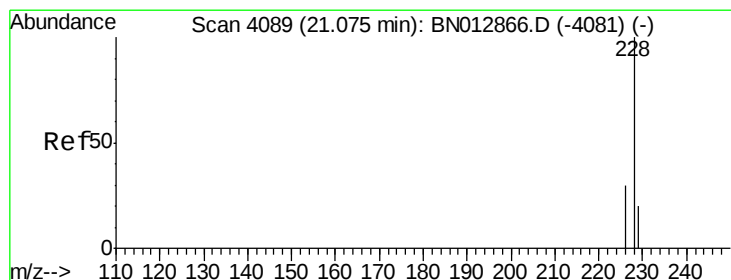
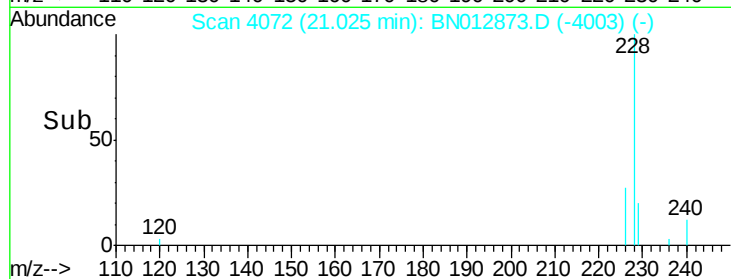
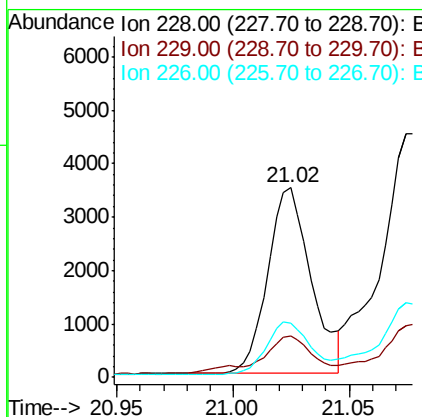
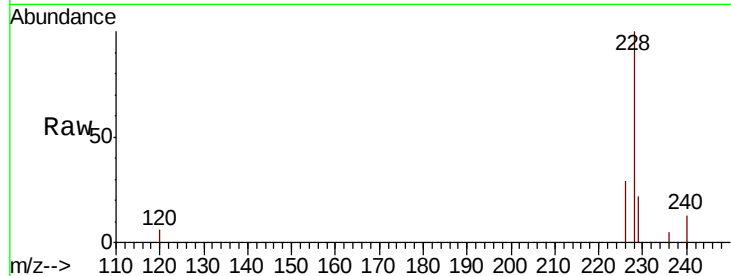
#18
Benzo(a)anthracene
Concen: 0.393 ng/ul
RT: 21.02 min Scan# 4072
Delta R.T. 0.00 min
Lab File: BN012873.D
Acq: 04 Dec 2020 12:29

Instrument :
BNA_N
ClientSampleId :
C0B09DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.3	24.5
226	28.7	23.4	35.2

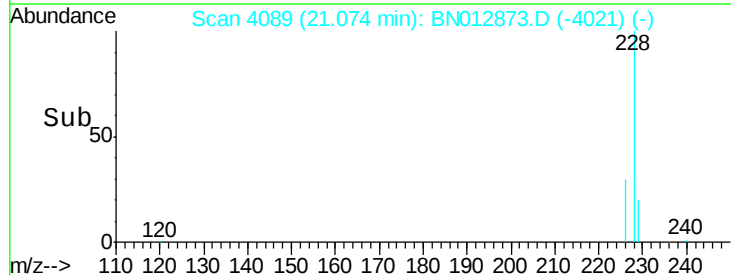
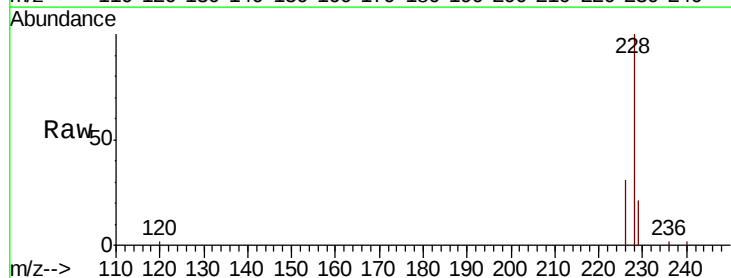
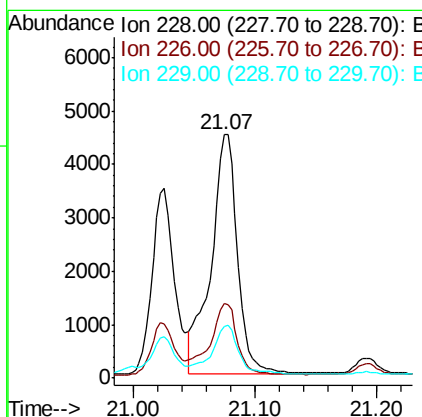
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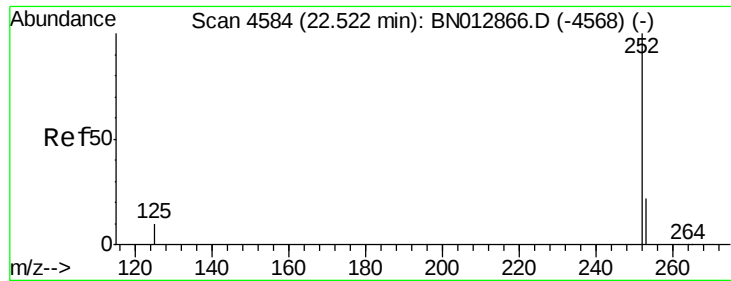
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#19
Chrysene
Concen: 0.540 ng/ul
RT: 21.07 min Scan# 4089
Delta R.T. -0.00 min
Lab File: BN012873.D
Acq: 04 Dec 2020 12:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	21.3	16.4	24.6





#21

Benzo(b)fluoranthene

Concen: 0.726 ng/ul m

RT: 22.52 min Scan# 4585

Delta R.T. 0.00 min

Lab File: BN012873.D

Acq: 04 Dec 2020 12:29

Instrument :

BNA_N

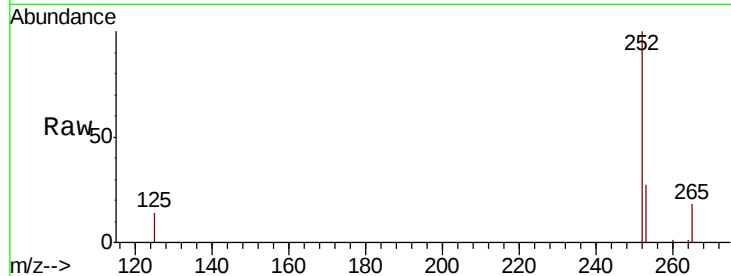
ClientSampleId :

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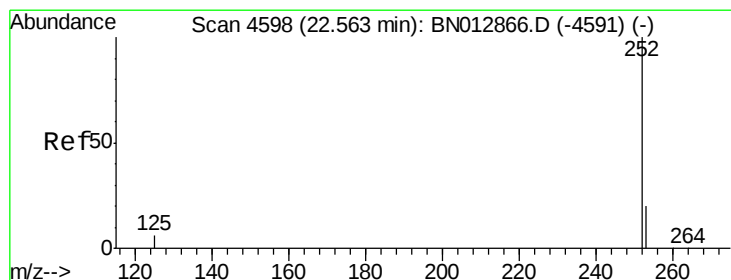
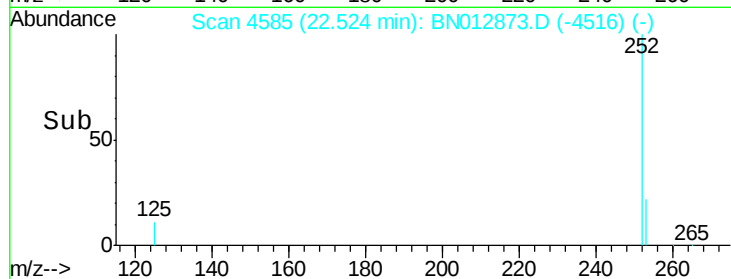
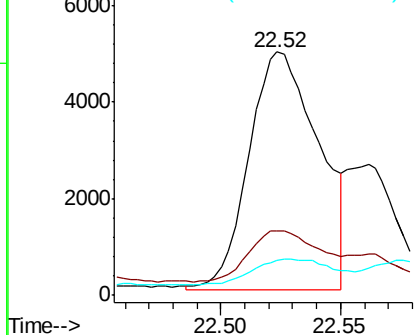
Tot Ion:	252	Resp:	9972
Ion Ratio	Lower	Upper	
252	100		
253	26.5	0.0	59.6
125	14.2	0.0	26.0

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 0.254 ng/ul m

RT: 22.56 min Scan# 4598

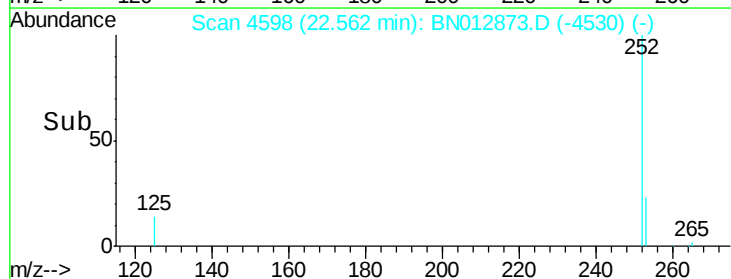
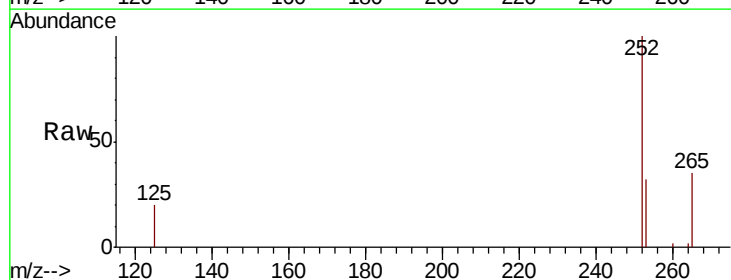
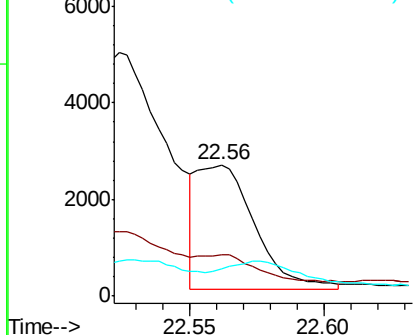
Delta R.T. -0.00 min

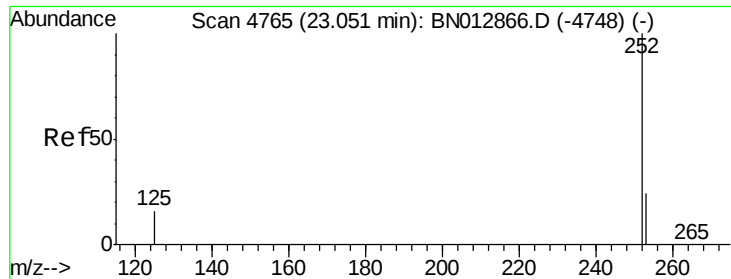
Lab File: BN012873.D

Acq: 04 Dec 2020 12:29

Tgt Ion:	252	Resp:	3863
Ion Ratio	Lower	Upper	
252	100		
253	31.8	23.4	35.2
125	20.5	11.1	16.7#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.472 ng/ul

RT: 23.05 min Scan# 4765

Delta R.T. -0.00 min

Lab File: BN012873.D

Acq: 04 Dec 2020 12:29

Instrument :

BNA_N

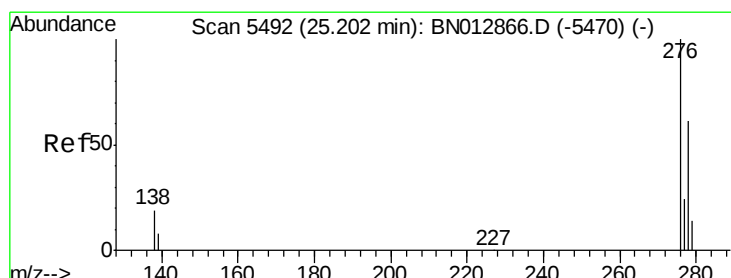
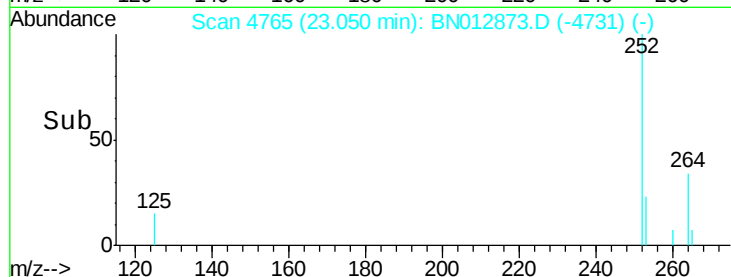
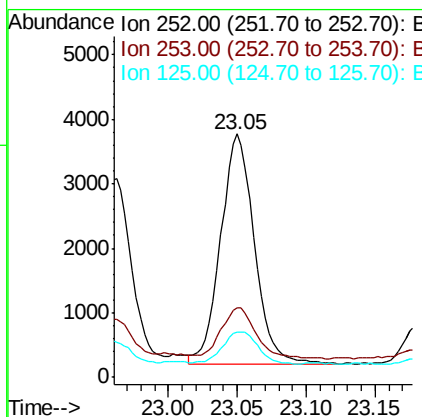
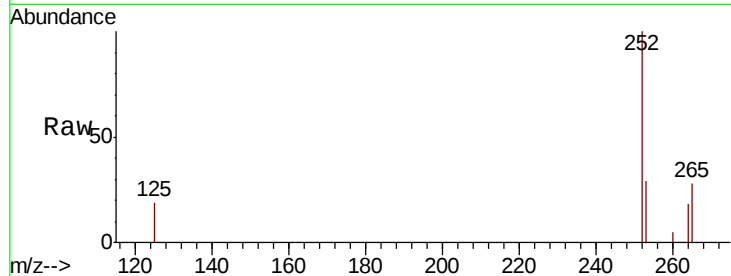
ClientSampleId :

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Tot Ion:	252	Resp:	6021
Ion Ratio	Lower	Upper	
252	100		
253	28.7	26.5	39.7
125	18.8	14.2	21.2

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.281 ng/ul

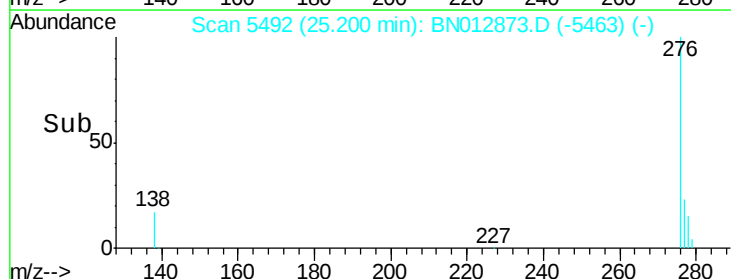
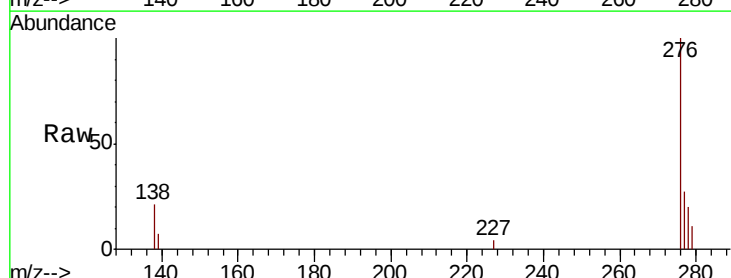
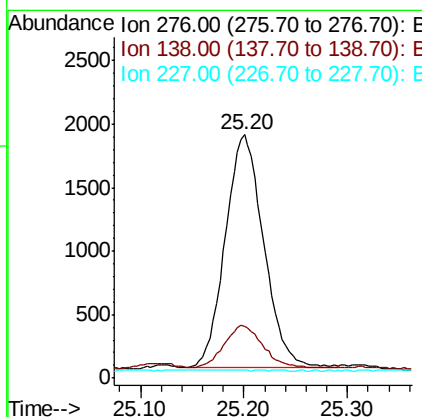
RT: 25.20 min Scan# 5492

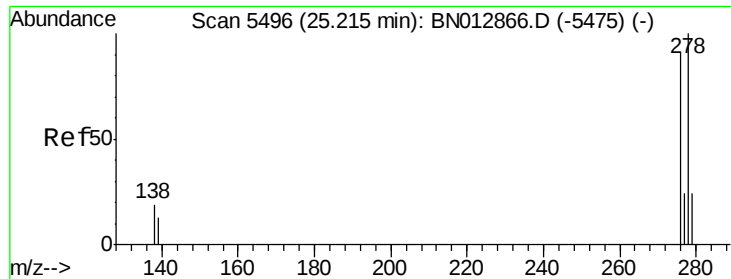
Delta R.T. -0.00 min

Lab File: BN012873.D

Acq: 04 Dec 2020 12:29

Tgt Ion:	276	Resp:	4709
Ion Ratio	Lower	Upper	
276	100		
138	18.4	16.2	24.2
227	0.1	0.0	0.0#





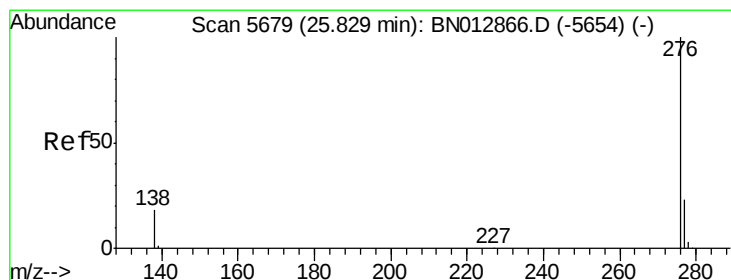
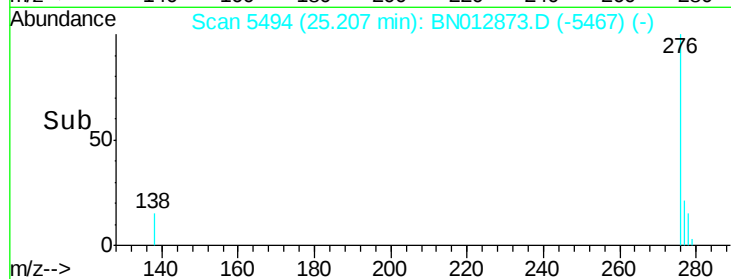
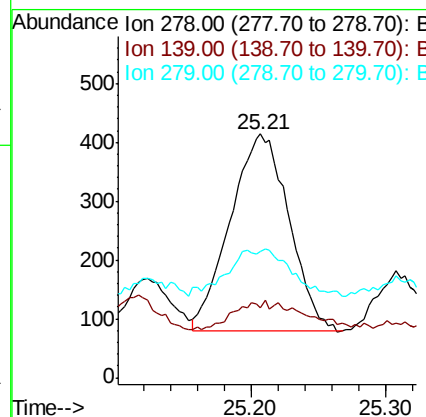
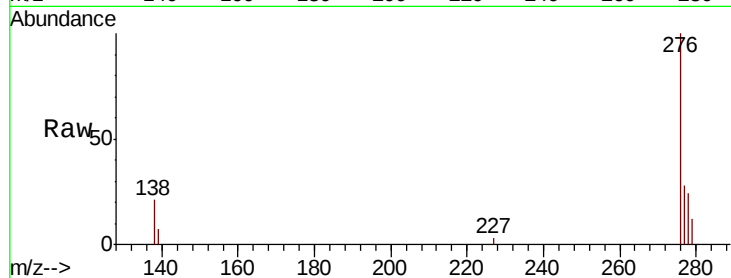
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Dibenzo(a,h)anthracene
Concen: 0.077 ng/u1
RT: 25.21 min Scan# 5494
Delta R.T. -0.01 min
Lab File: BN012873.D
Acq: 04 Dec 2020 12:29

Instrument :
BNA_N
ClientSampleId :
C0B09DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	28.7	14.5	21.7#
279	51.7	26.3	39.5#

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#26
Benzo(g,h,i)perylene
Concen: 0.295 ng/u1
RT: 25.83 min Scan# 5679
Delta R.T. -0.00 min
Lab File: BN012873.D
Acq: 04 Dec 2020 12:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.7	16.3	24.5
277	27.1	21.8	32.6

