

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012990.D
 Acq On : 09 Dec 2020 00:29
 Operator : CG/JU
 Sample : L4864-20DL 5X
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B63DL

Manual Integrations
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Quant Time: Dec 09 03:39:38 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	7.39	152	1138	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4497	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2494	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5045	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3374	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3064	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	326	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	672	0.05	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	16.85	178	3784	0.224	ng/ul	99
13) Anthracene	16.94	178	640	0.044	ng/ul#	84
15) Fluoranthene	18.88	202	10594	0.527	ng/ul	96
17) Pyrene	19.25	202	9292	0.583	ng/ul	98
18) Benzo(a)anthracene	21.01	228	3468	0.248	ng/ul	99
19) Chrysene	21.06	228	4931	0.320	ng/ul	99
21) Benzo(b)fluoranthene	22.51	252	6073m	0.428	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	2139m	0.137	ng/ul	
23) Benzo(a)pyrene	23.03	252	3643	0.277	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.18	276	2624	0.152	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.19	278	584	0.043	ng/ul#	47
26) Benzo(g,h,i)perylene	25.81	276	2486	0.159	ng/ul	97

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

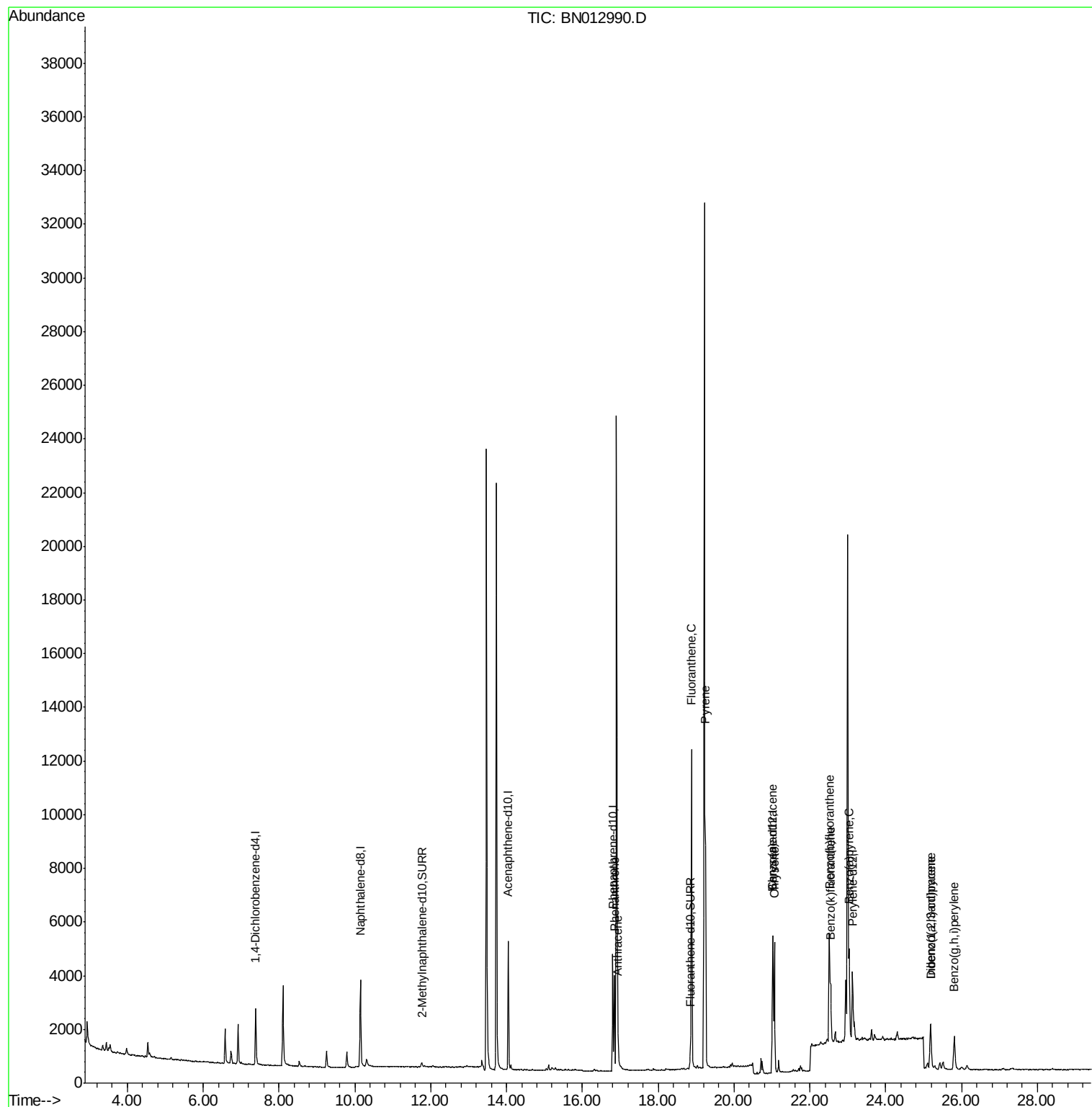
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012990.D
Acq On : 09 Dec 2020 00:29
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ALS Vial : 60 Sample Multiplier: 1

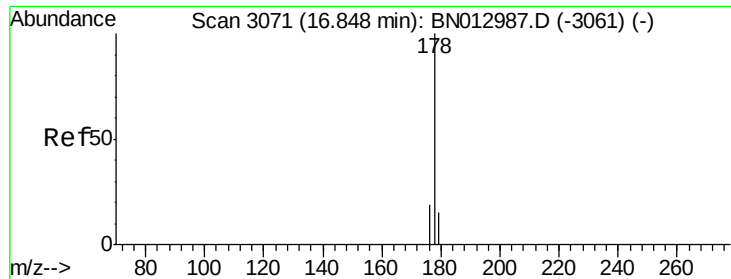
Instrument :
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C0B63DL

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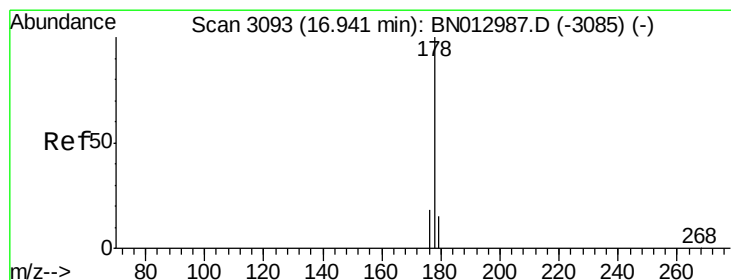
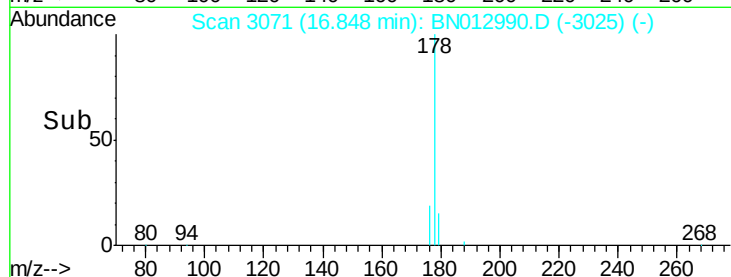
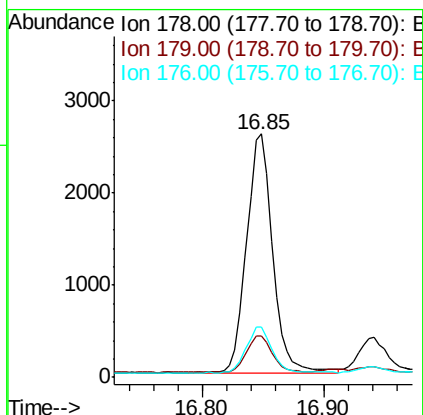
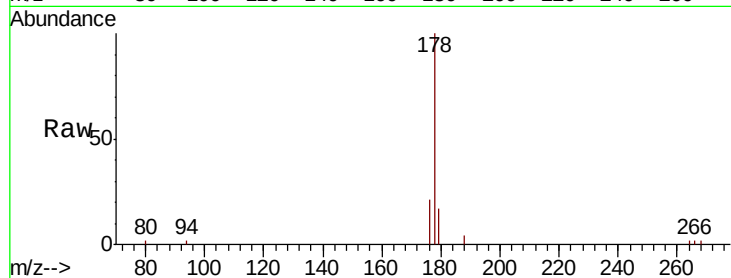
#12
Phenanthrene
Concen: 0.224 ng/ul
RT: 16.85 min Scan# 3071
Delta R.T. -0.00 min
Lab File: BN012990.D
Acq: 09 Dec 2020 00:29

Instrument :
BNA_N
ClientSampleId :
C0B63DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.6	20.4
176	20.9	16.4	24.6

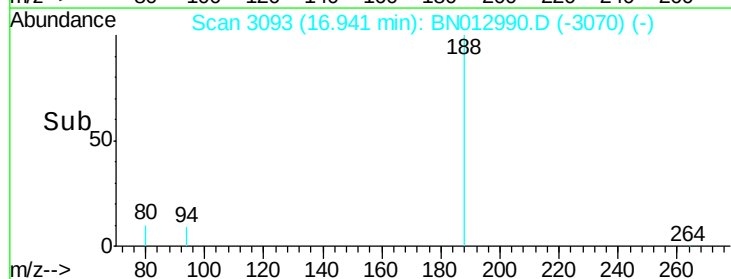
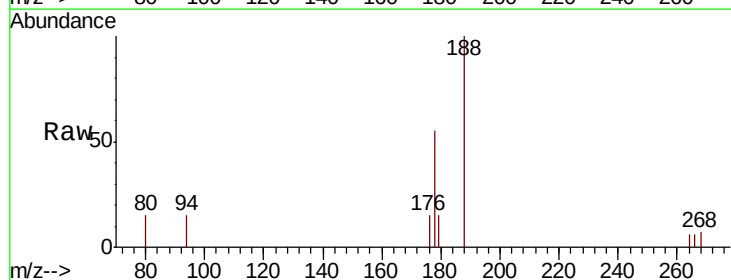
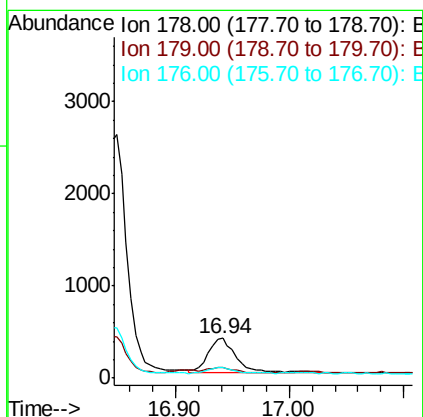
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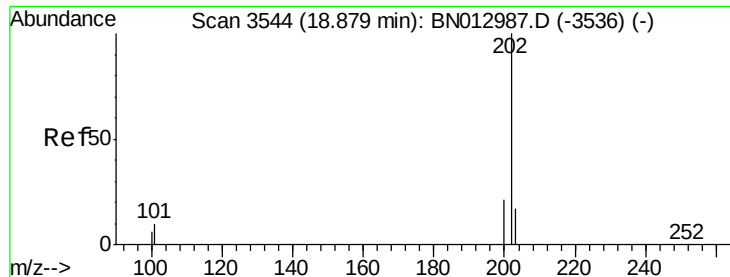
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#13
Anthracene
Concen: 0.044 ng/ul
RT: 16.94 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BN012990.D
Acq: 09 Dec 2020 00:29

Tgt Ion	Ratio	Lower	Upper
178	100		
179	27.2	14.6	21.8#
176	27.6	17.1	25.7#





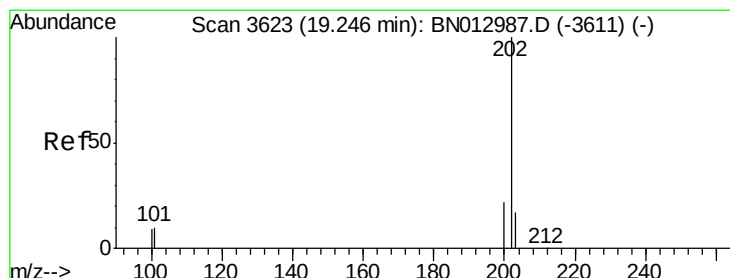
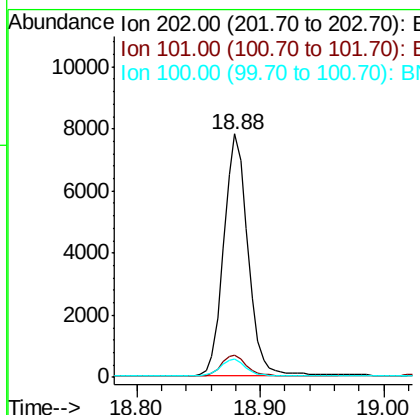
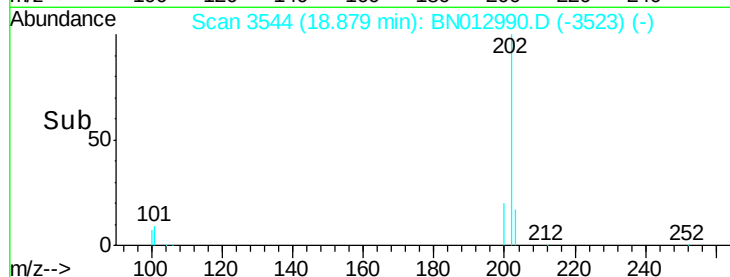
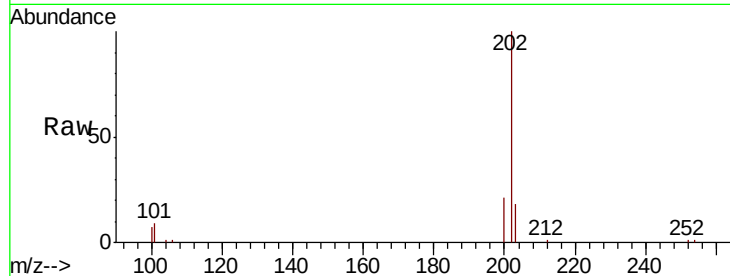
#15
Fluoranthene
Concen: 0.527 ng/ul
RT: 18.88 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BN012990.D
Acq: 09 Dec 2020 00:29

Instrument :
BNA_N
ClientSampleId :
C0B63DL

Tot Ion:202	Resp:	10594
Ion Ratio	Lower	Upper
202 100		
101 9.2	0.0	30.6
100 7.4	0.0	28.7

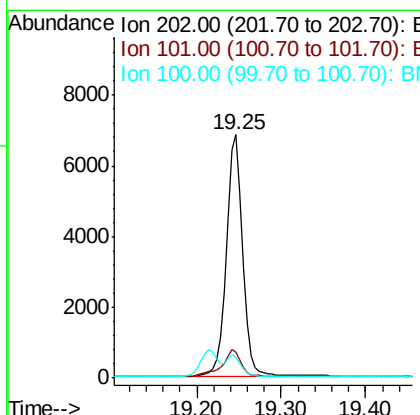
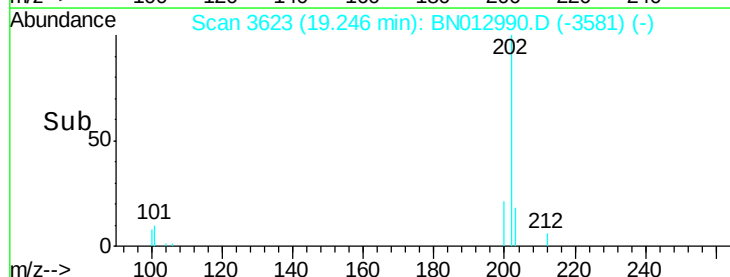
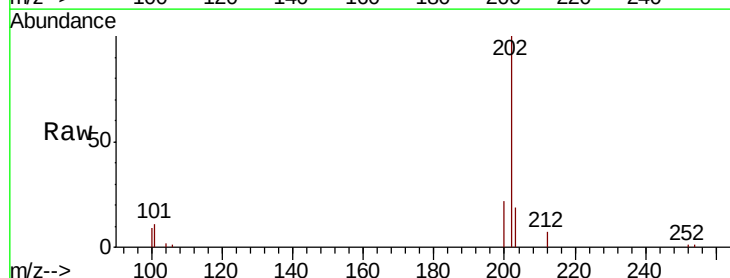
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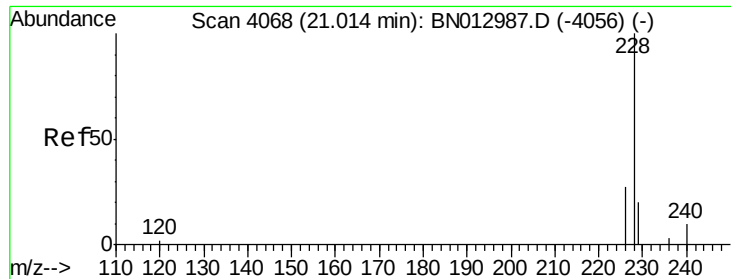
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#17
Pyrene
Concen: 0.583 ng/ul
RT: 19.25 min Scan# 3623
Delta R.T. -0.00 min
Lab File: BN012990.D
Acq: 09 Dec 2020 00:29

Tgt Ion:202	Resp:	9292
Ion Ratio	Lower	Upper
202 100		
101 10.5	9.1	13.7
100 8.6	7.5	11.3





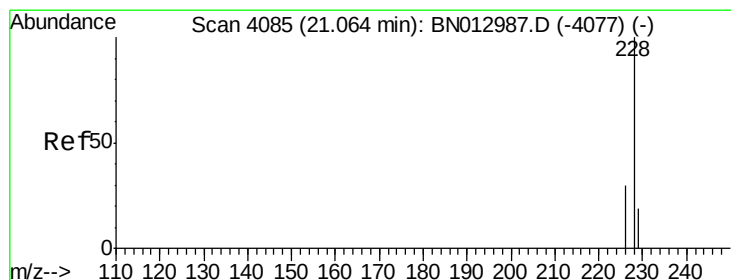
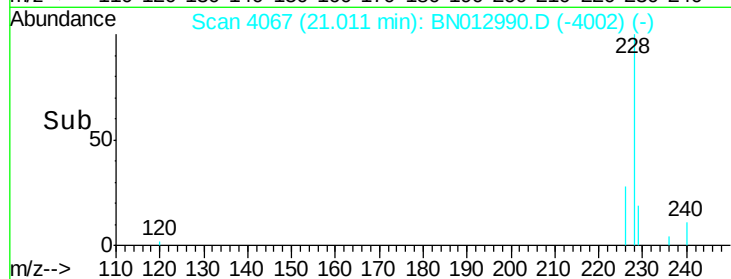
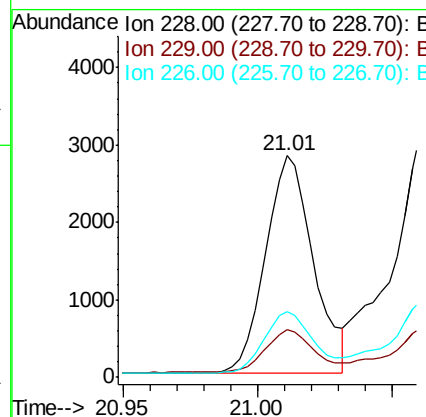
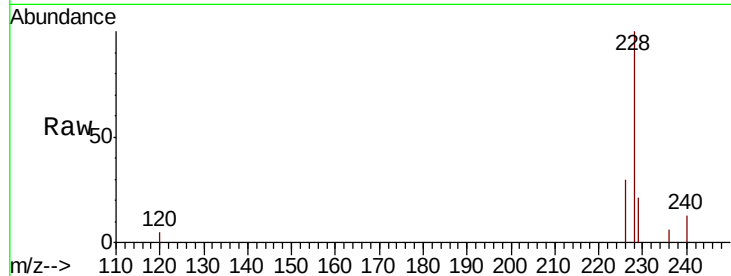
#18
Benzo(a)anthracene
Concen: 0.248 ng/ul
RT: 21.01 min Scan# 4067
Delta R.T. -0.01 min
Lab File: BN012990.D
Acq: 09 Dec 2020 00:29

Instrument :
BNA_N
ClientSampleId :
C0B63DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.3	24.5
226	29.6	23.4	35.2

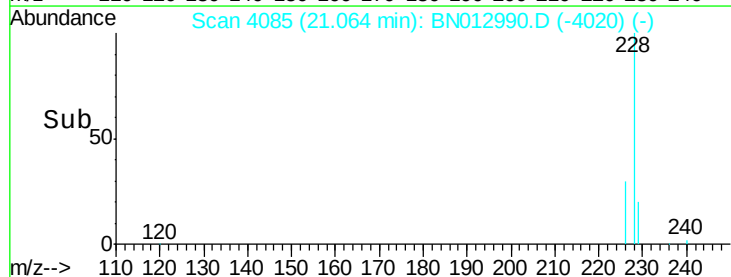
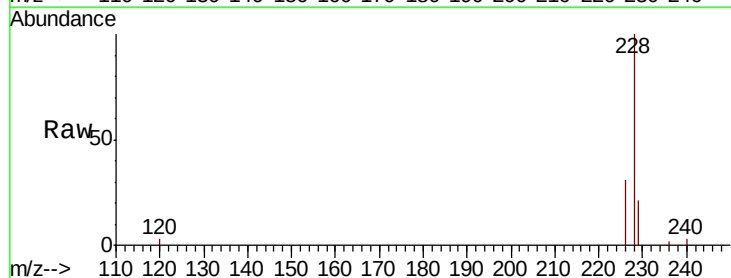
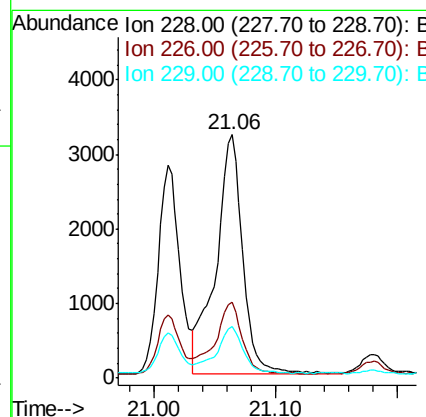
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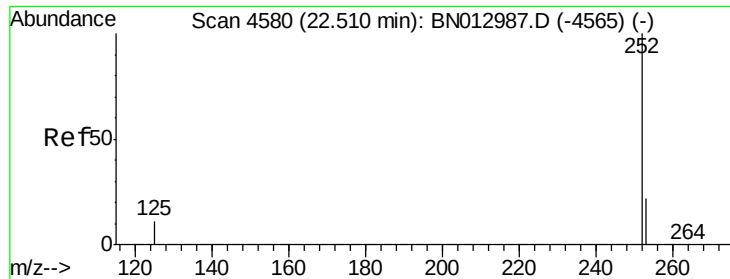
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#19
Chrysene
Concen: 0.320 ng/ul
RT: 21.06 min Scan# 4085
Delta R.T. -0.01 min
Lab File: BN012990.D
Acq: 09 Dec 2020 00:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	21.0	16.4	24.6





#21

Benzo(b)fluoranthene

Concen: 0.428 ng/ul m

RT: 22.51 min Scan# 4580

Delta R.T. -0.01 min

Lab File: BN012990.D

Acq: 09 Dec 2020 00:29

Instrument :

BNA_N

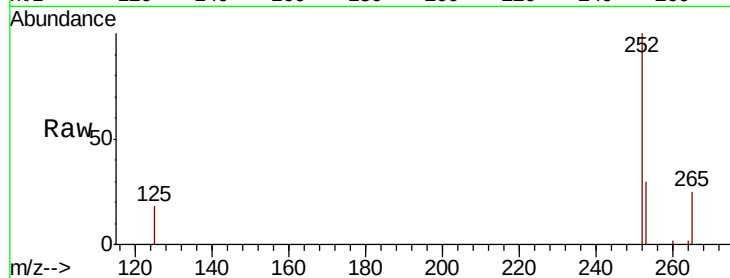
ClientSampleId :

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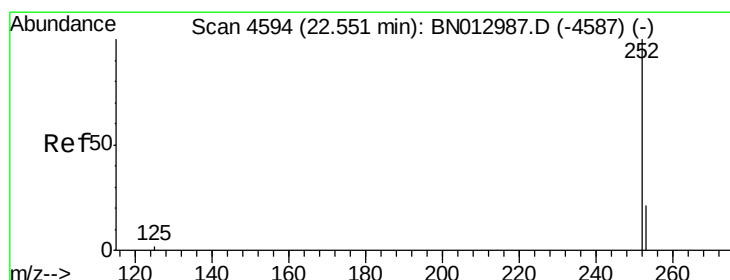
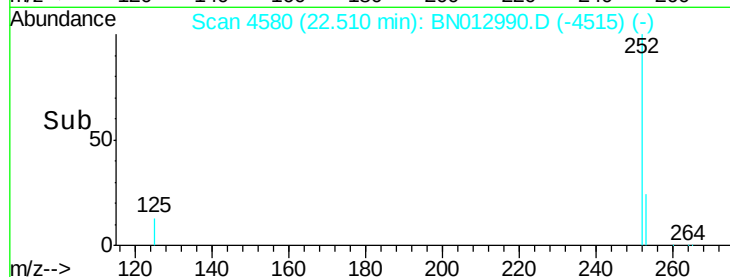
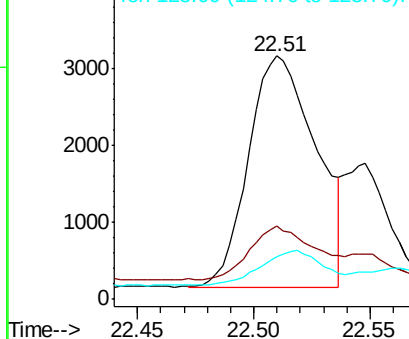
Tot Ion:	252	Resp:	6073
Ion Ratio	Lower	Upper	
252	100		
253	30.0	0.0	59.6
125	17.6	0.0	26.0

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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: 0.137 ng/ul m

RT: 22.55 min Scan# 4593

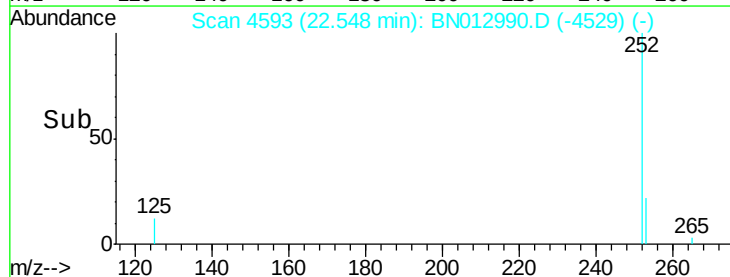
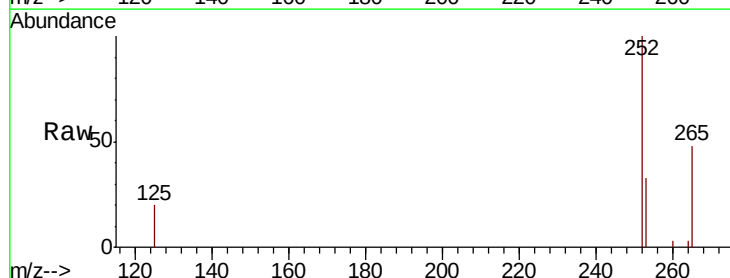
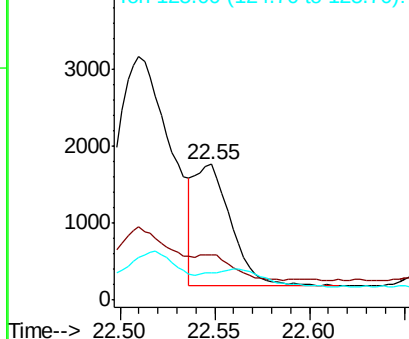
Delta R.T. -0.01 min

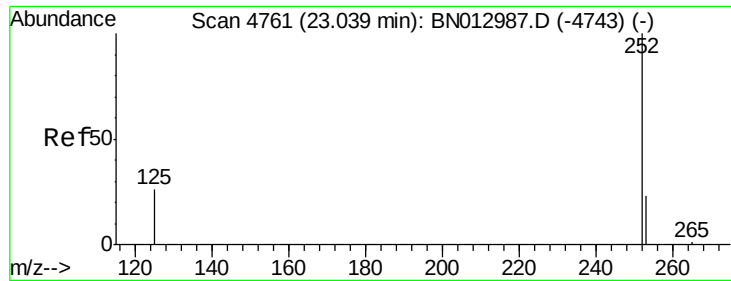
Lab File: BN012990.D

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Tgt Ion:	252	Resp:	2139
Ion Ratio	Lower	Upper	
252	100		
253	33.2	23.4	35.2
125	19.7	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: 0.277 ng/ul

RT: 23.03 min Scan# 4759

Delta R.T. -0.01 min

Lab File: BN012990.D

Acq: 09 Dec 2020 00:29

Instrument :

BNA_N

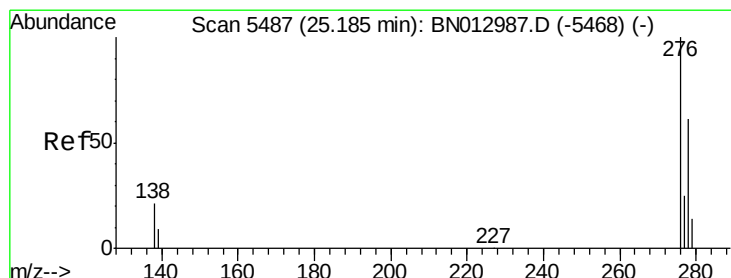
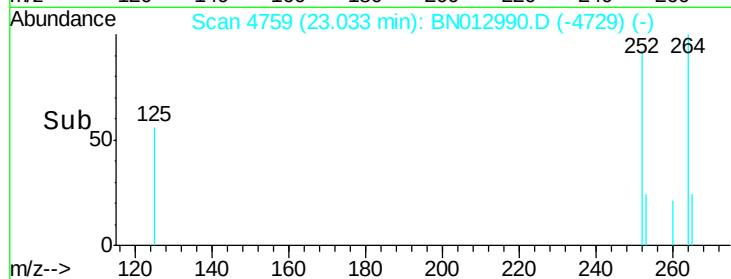
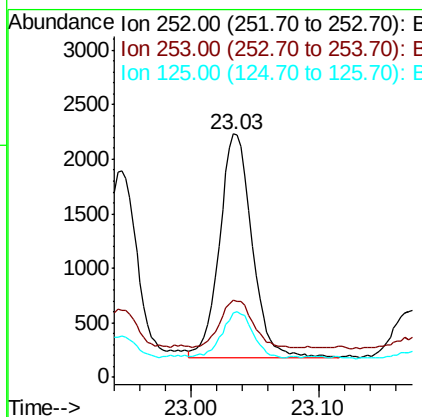
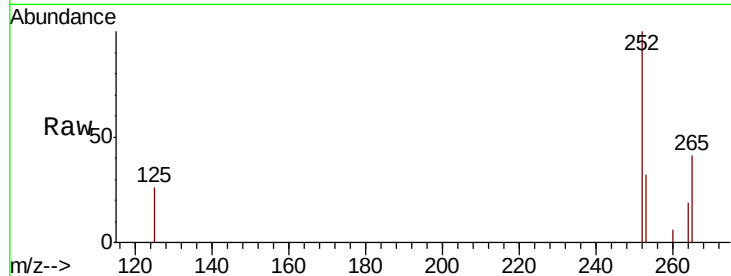
ClientSampleId :

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Tot Ion:	252	Resp:	3643
Ion Ratio	Lower	Upper	
252	100		
253	31.8	26.5	39.7
125	26.2	14.2	21.2#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.152 ng/ul

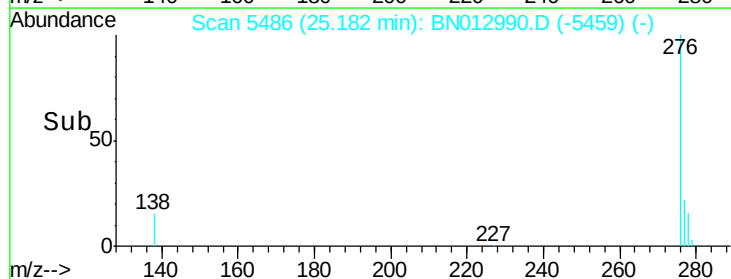
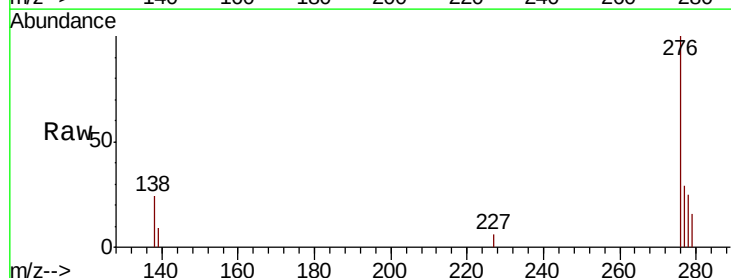
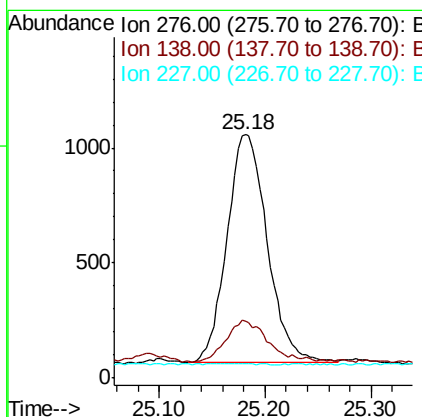
RT: 25.18 min Scan# 5486

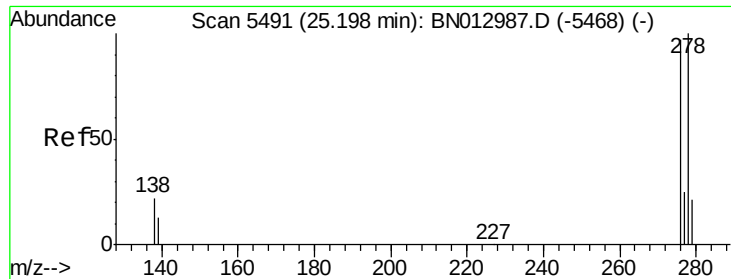
Delta R.T. -0.01 min

Lab File: BN012990.D

Acq: 09 Dec 2020 00:29

Tgt Ion:	276	Resp:	2624
Ion Ratio	Lower	Upper	
276	100		
138	18.8	16.2	24.2
227	0.2	0.0	0.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.043 ng/ul

RT: 25.19 min Scan# 5488

Delta R.T. -0.02 min

Lab File: BN012990.D

Acq: 09 Dec 2020 00:29

Instrument :

BNA_N

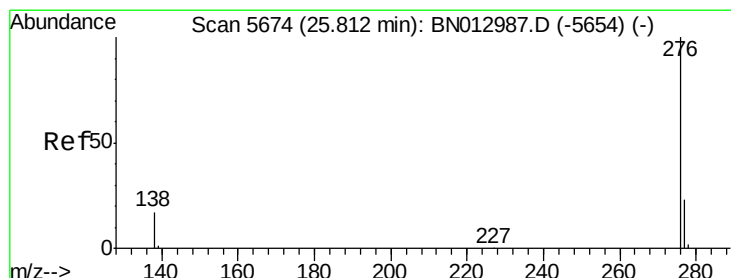
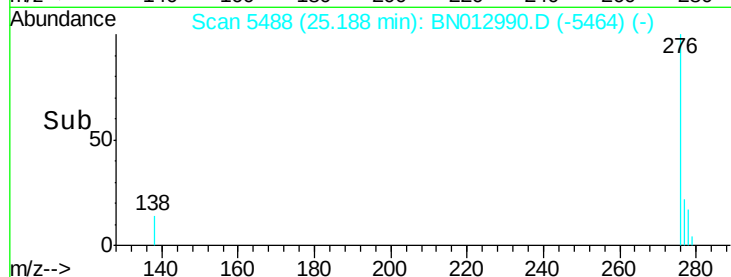
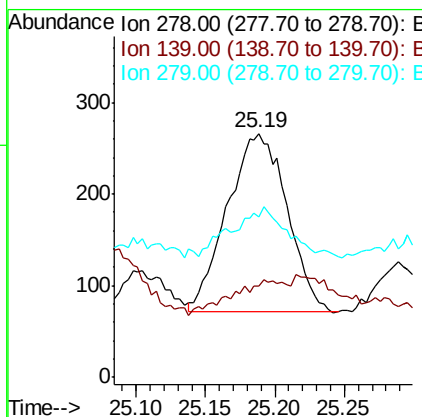
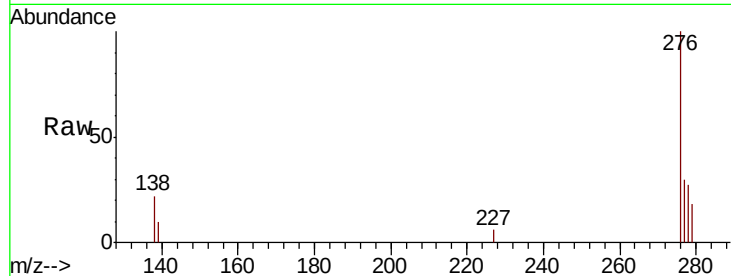
ClientSampleId :

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Tot Ion:278	Resp:	584
Ion Ratio	Lower	Upper
278	100	
139	37.2	14.5 21.7#
279	65.8	26.3 39.5#

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#26

Benzo(g,h,i)perylene

Concen: 0.159 ng/ul

RT: 25.81 min Scan# 5673

Delta R.T. -0.01 min

Lab File: BN012990.D

Acq: 09 Dec 2020 00:29

Tgt Ion:276	Resp:	2486
Ion Ratio	Lower	Upper
276	100	
138	22.6	16.3 24.5
277	28.4	21.8 32.6

