

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012824.D
 Acq On : 02 Dec 2020 17:44
 Operator : CG/JU
 Sample : L4794-01
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AY0

Manual Integrations
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Quant Time: Dec 03 00:23:42 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 12:19:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	737	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	2953	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	1727	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	3626	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	3005	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	3245	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	1174	0.27	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	2647	0.28	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	16.87	178	2612	0.207	ng/ul	99
13) Anthracene	16.96	178	732	0.067	ng/ul#	84
15) Fluoranthene	18.90	202	8707	0.598	ng/ul	99
17) Pyrene	19.27	202	8583	0.639	ng/ul	99
18) Benzo(a)anthracene	21.04	228	3905	0.363	ng/ul	100
19) Chrysene	21.09	228	4582	0.341	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	6302m	0.422	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	2345m	0.136	ng/ul	
23) Benzo(a)pyrene	23.07	252	4387	0.312	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.23	276	3076	0.167	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.23	278	742	0.050	ng/ul#	48
26) Benzo(g,h,i)perylene	25.86	276	2894	0.175	ng/ul	95

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

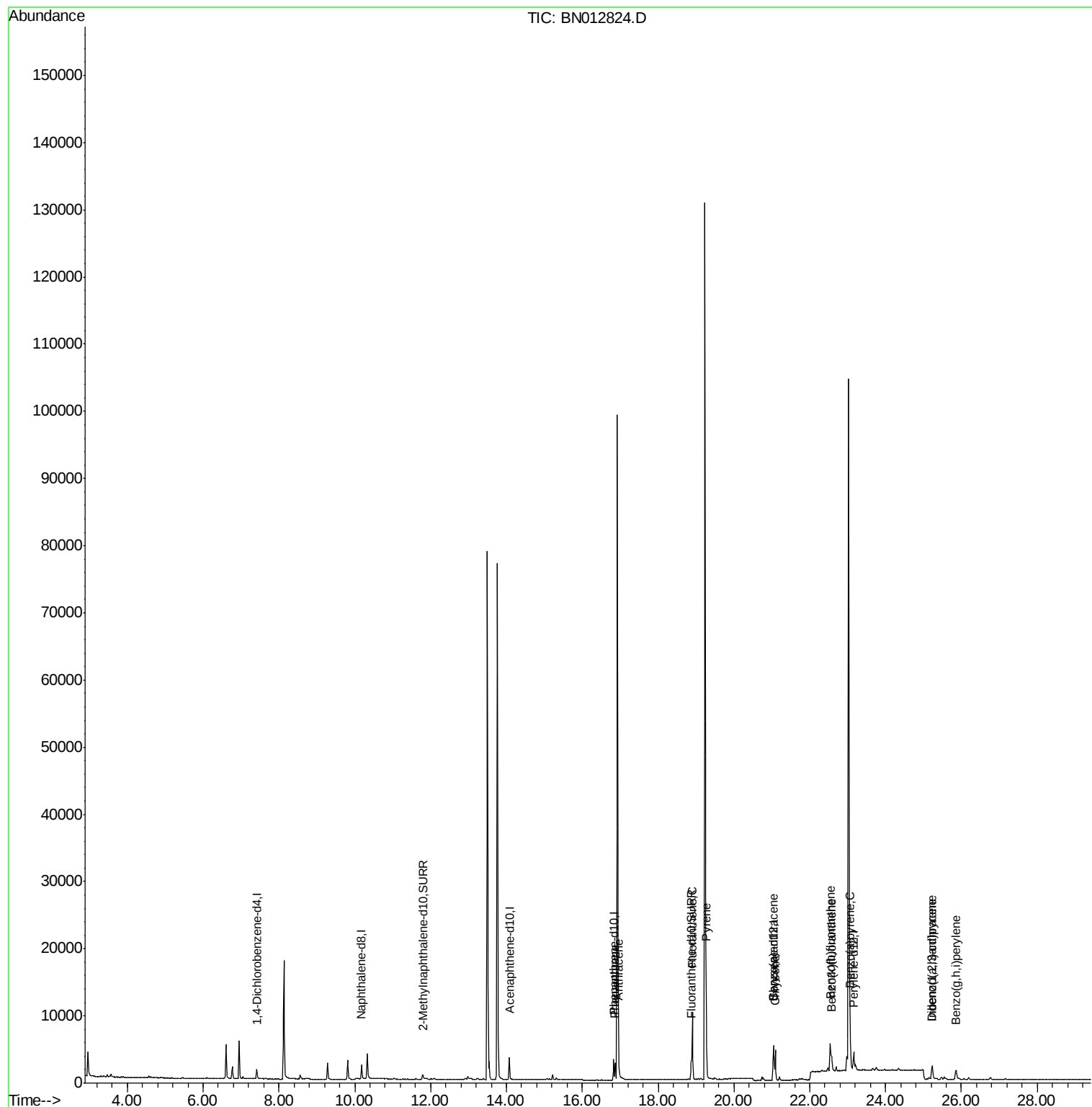
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012824.D
Acq On : 02 Dec 2020 17:44
Operator : CG/JU
Sample : L4794-01
Misc :
ALS Vial : 51 Sample Multiplier: 1

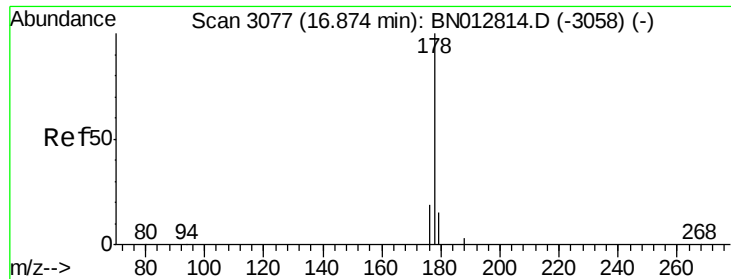
Instrument :
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ClientSampleId :
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Quant Time: Dec 03 00:23:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 12:19:27 2020
Response via : Initial Calibration

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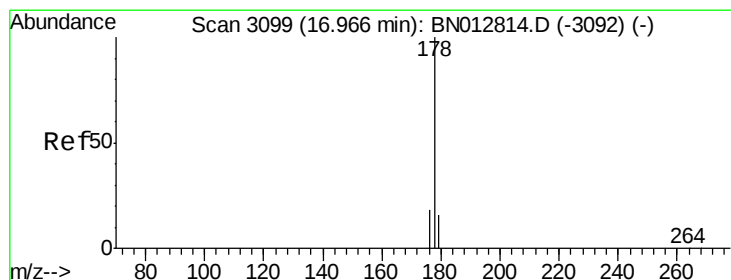
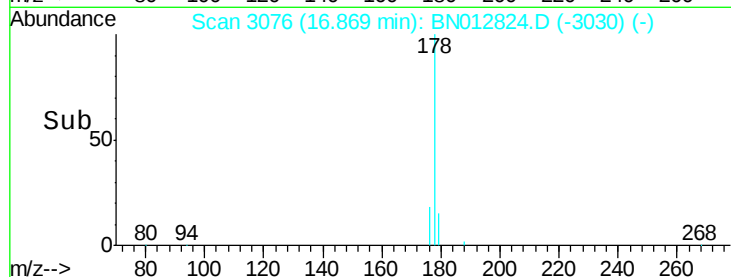
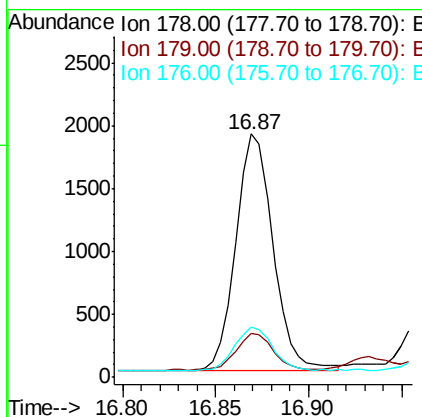
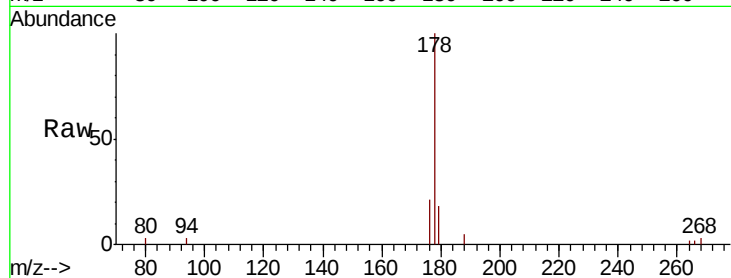
#12
Phenanthrene
Concen: 0.207 ng/ul
RT: 16.87 min Scan# 3076
Delta R.T. -0.00 min
Lab File: BN012824.D
Acq: 02 Dec 2020 17:44

Instrument :
BNA_N
ClientSampleId :
C0AY0

Tot Ion:178	Resp:	2612
Ion Ratio	Lower	Upper
178	100	
179	17.9	13.8 20.6
176	20.5	16.7 25.1

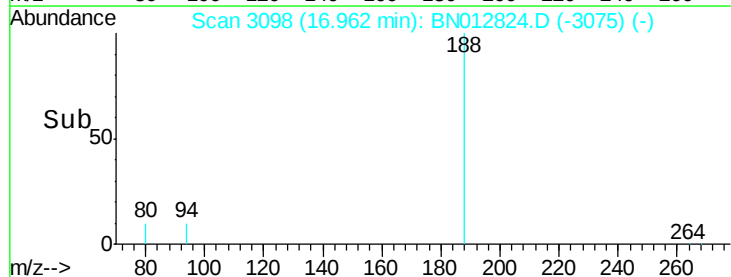
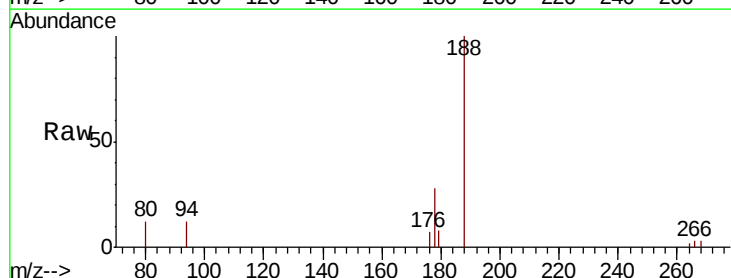
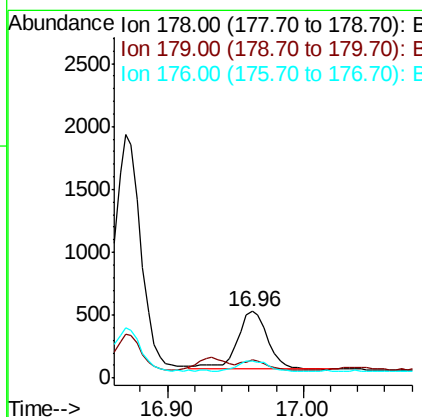
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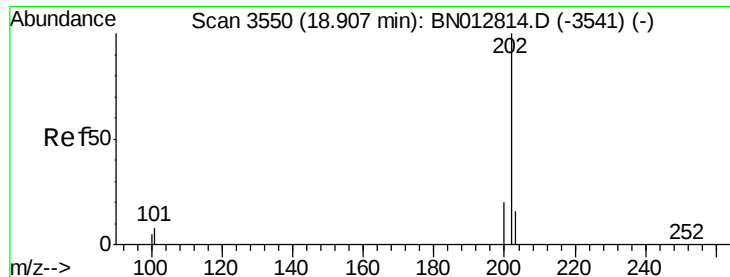
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#13
Anthracene
Concen: 0.067 ng/ul
RT: 16.96 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BN012824.D
Acq: 02 Dec 2020 17:44

Tgt Ion:178	Resp:	732
Ion Ratio	Lower	Upper
178	100	
179	27.1	14.8 22.2#
176	26.3	16.3 24.5#





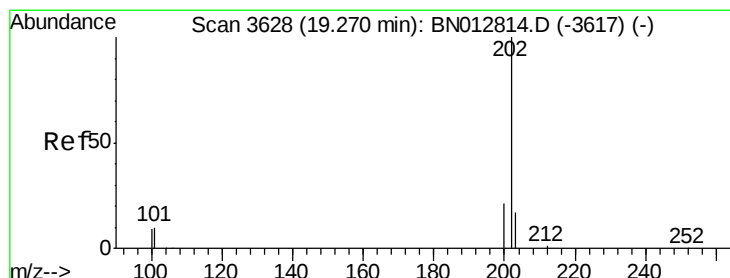
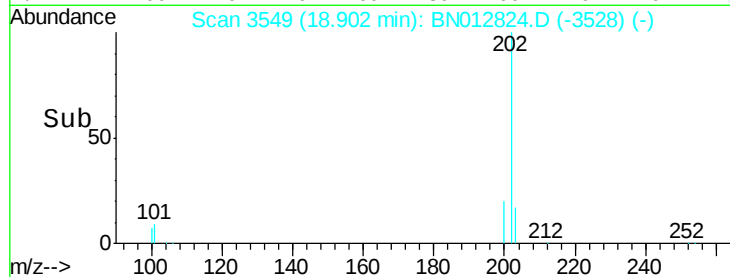
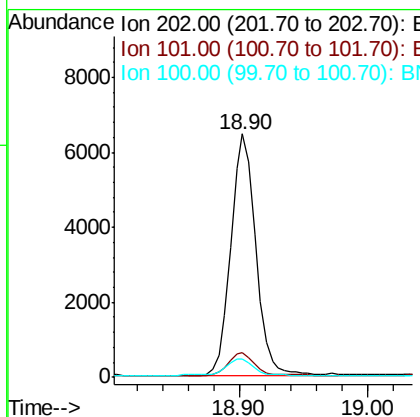
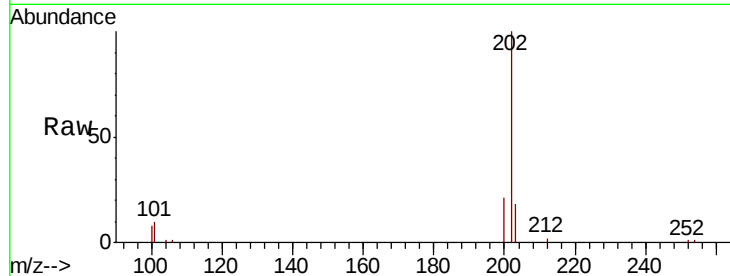
#15
Fluoranthene
Concen: 0.598 ng/ul
RT: 18.90 min Scan# 3549
Delta R.T. -0.00 min
Lab File: BN012824.D
Acq: 02 Dec 2020 17:44

Instrument :
BNA_N
ClientSampleId :
C0AY0

Tot Ion	Ratio	Resp	Lower	Upper
202	100	8707		
101	10.1		0.0	30.5
100	7.7		0.0	28.4

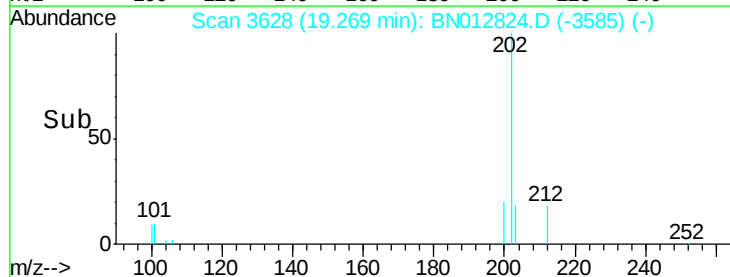
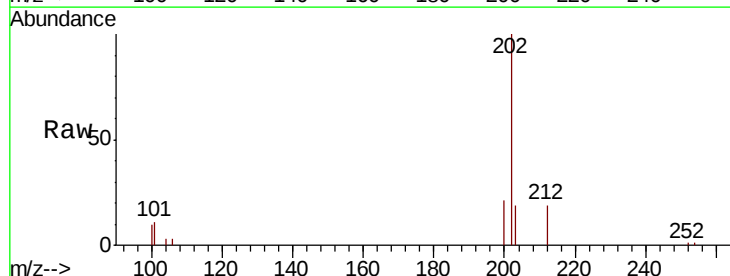
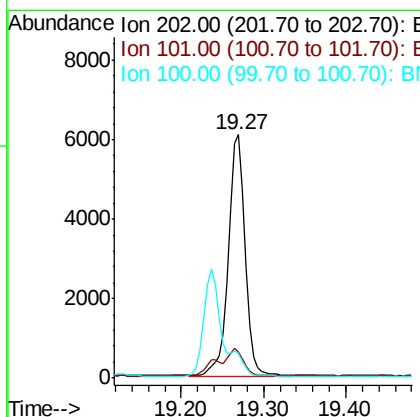
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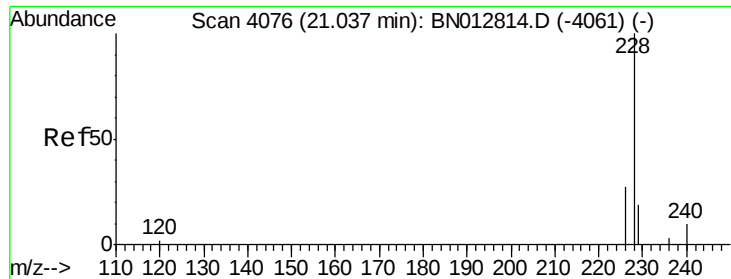
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#17
Pyrene
Concen: 0.639 ng/ul
RT: 19.27 min Scan# 3628
Delta R.T. -0.00 min
Lab File: BN012824.D
Acq: 02 Dec 2020 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	8583		
101	10.9		8.9	13.3
100	10.0		7.4	11.2





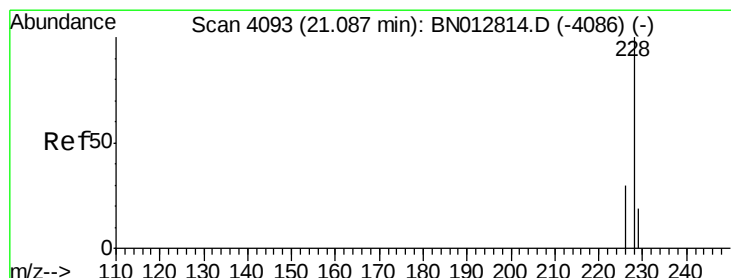
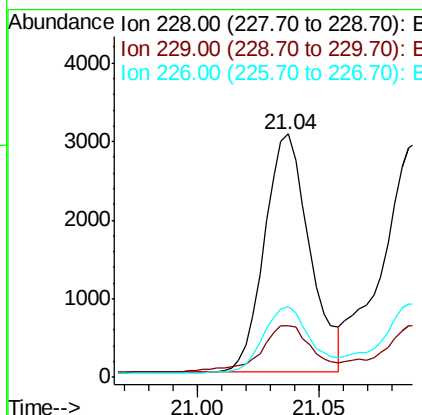
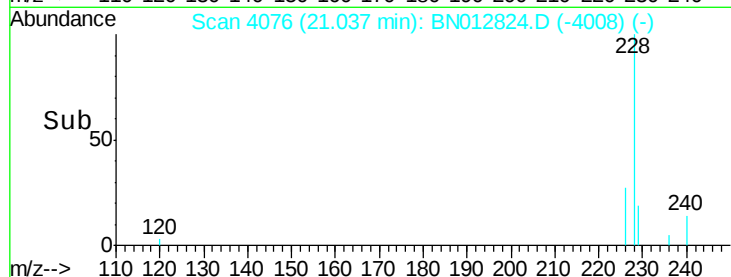
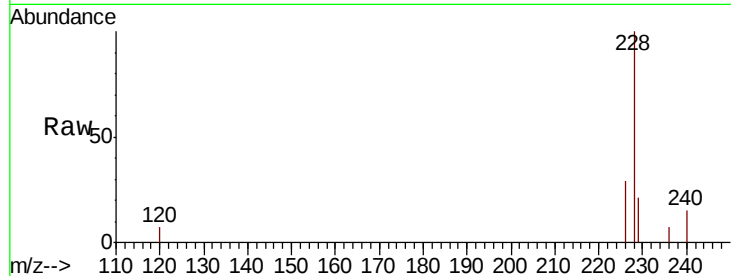
#18
Benzo(a)anthracene
Concen: 0.363 ng/ul
RT: 21.04 min Scan# 4076
Delta R.T. -0.00 min
Lab File: BN012824.D
Acq: 02 Dec 2020 17:44

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.9	25.3
226	28.9	23.1	34.7

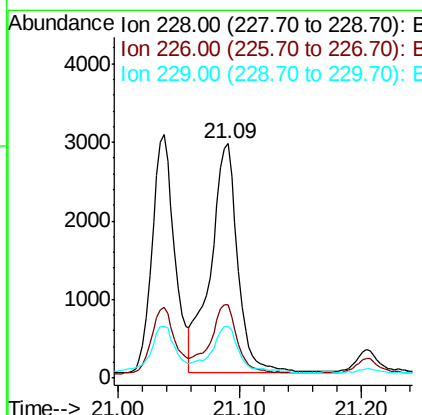
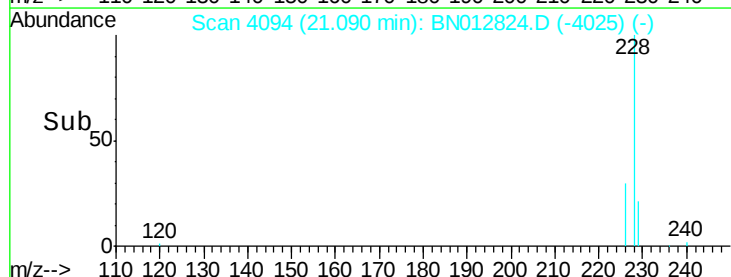
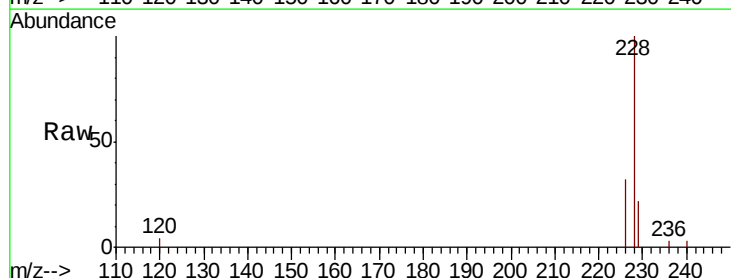
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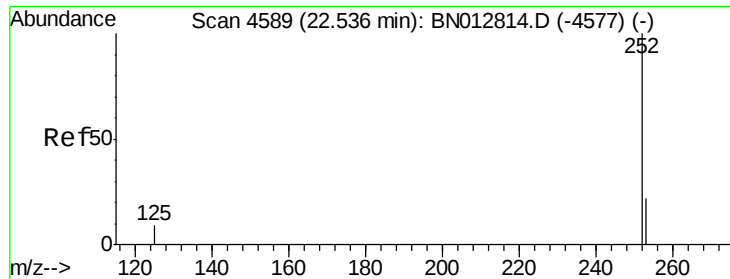
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#19
Chrysene
Concen: 0.341 ng/ul
RT: 21.09 min Scan# 4094
Delta R.T. 0.00 min
Lab File: BN012824.D
Acq: 02 Dec 2020 17:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.4	36.6
229	22.2	16.1	24.1





#21

Benzo(b)fluoranthene

Concen: 0.422 ng/ul m

RT: 22.54 min Scan# 4590

Delta R.T. 0.00 min

Lab File: BN012824.D

Acq: 02 Dec 2020 17:44

Instrument :

BNA_N

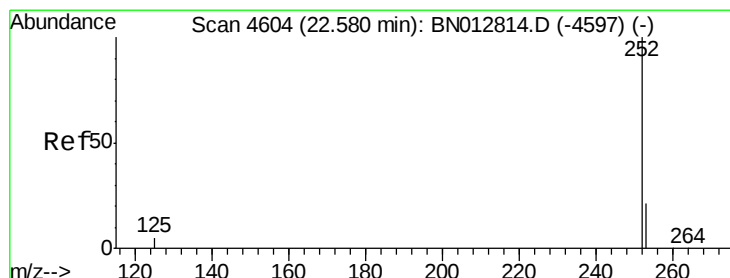
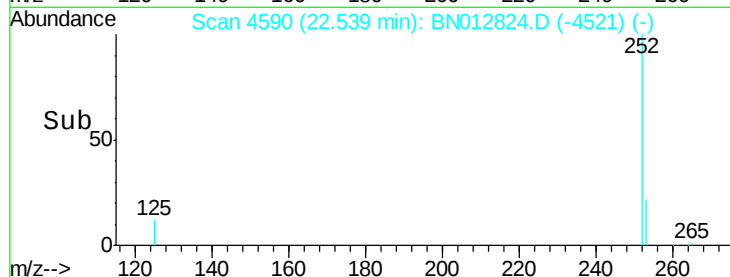
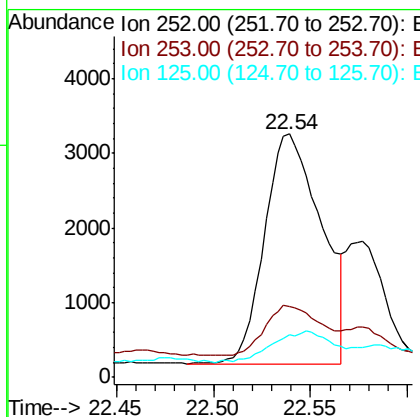
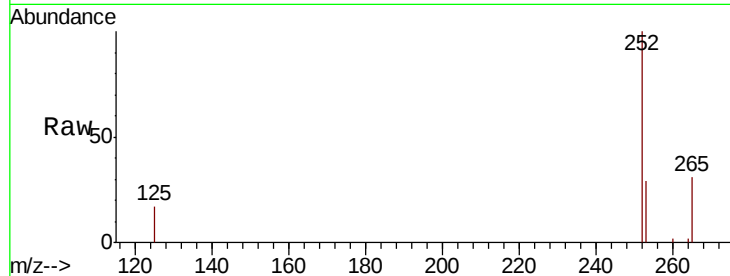
ClientSampleId :

C0AY0

Tot Ion:	252	Resp:	6302
Ion Ratio	Lower	Upper	
252	100		
253	29.2	0.0	58.4
125	17.4	0.0	28.6

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#22

Benzo(k)fluoranthene

Concen: 0.136 ng/ul m

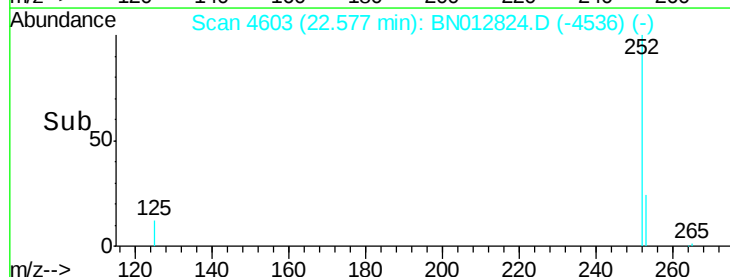
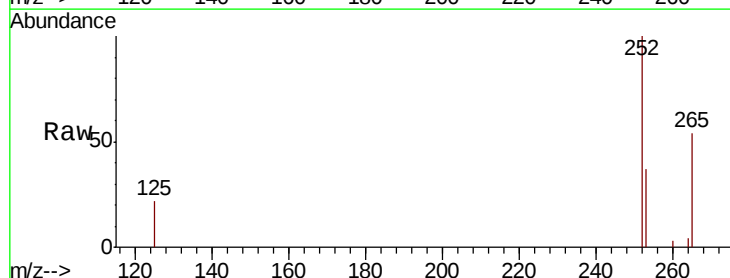
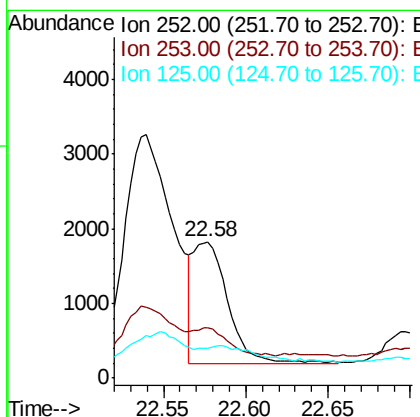
RT: 22.58 min Scan# 4603

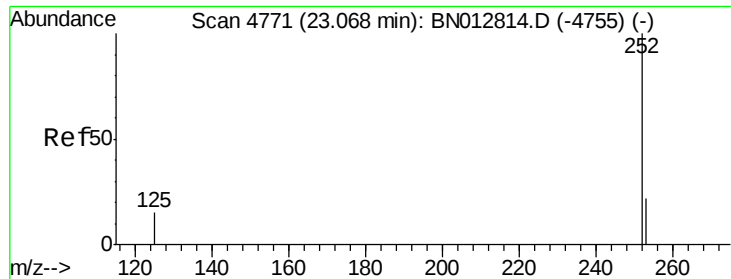
Delta R.T. -0.00 min

Lab File: BN012824.D

Acq: 02 Dec 2020 17:44

Tgt Ion:	252	Resp:	2345
Ion Ratio	Lower	Upper	
252	100		
253	37.3	23.4	35.2#
125	22.1	10.2	15.2#





#23

Benzo(a)pyrene

Concen: 0.312 ng/ul

RT: 23.07 min Scan# 4771

Delta R.T. -0.00 min

Lab File: BN012824.D

Acq: 02 Dec 2020 17:44

Instrument :

BNA_N

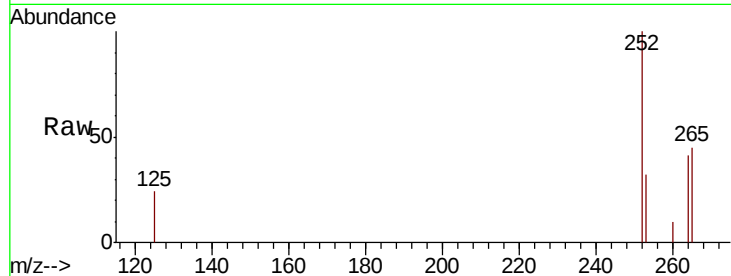
ClientSampleId :

C0AY0

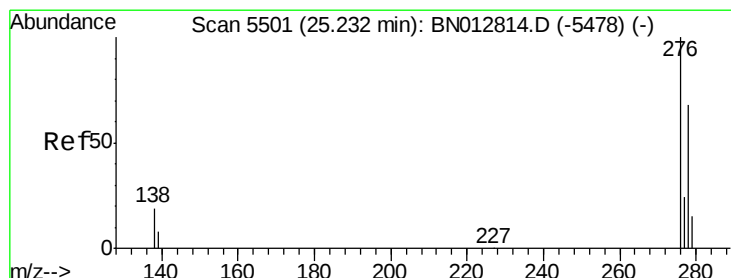
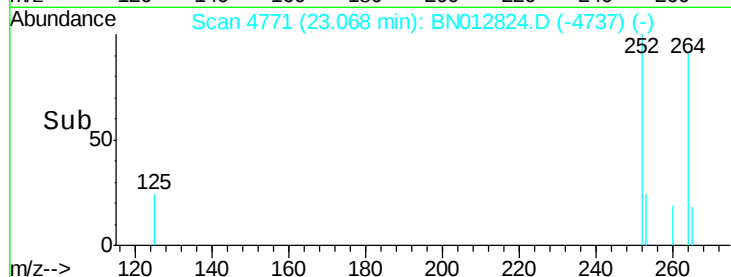
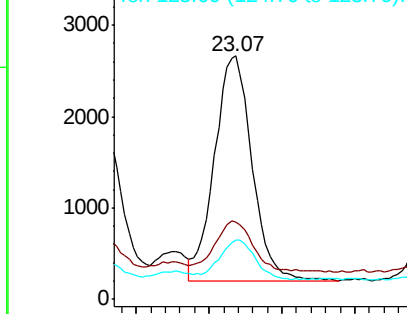
Tot Ion:	252	Resp:	4387
Ion Ratio	Lower	Upper	
252	100		
253	31.9	27.6	41.4
125	24.1	17.0	25.4

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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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.167 ng/ul

RT: 25.23 min Scan# 5499

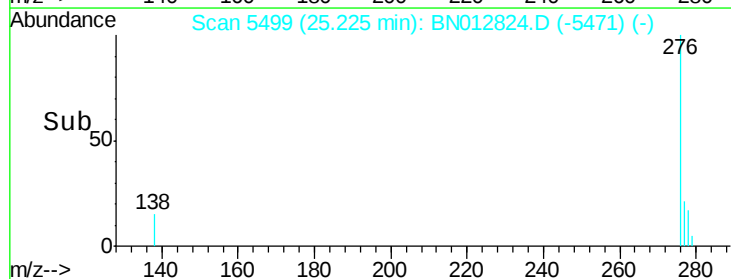
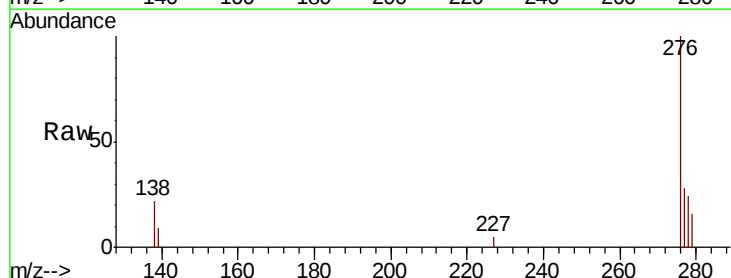
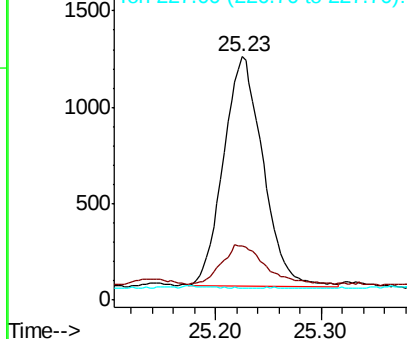
Delta R.T. -0.01 min

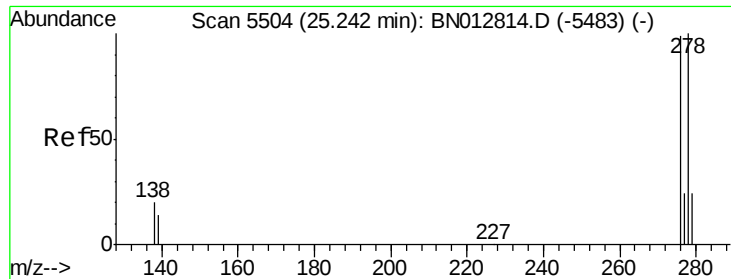
Lab File: BN012824.D

Acq: 02 Dec 2020 17:44

Tgt Ion:	276	Resp:	3076
Ion Ratio	Lower	Upper	
276	100		
138	19.2	16.5	24.7
227	0.0	0.1	0.1#

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





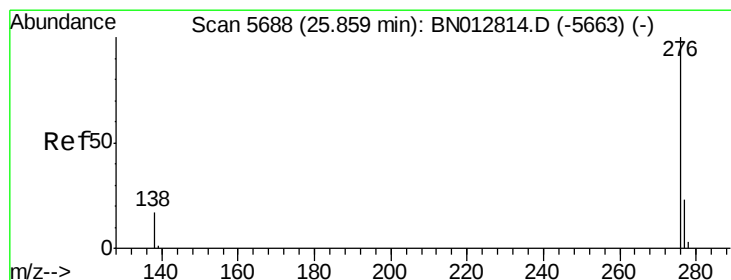
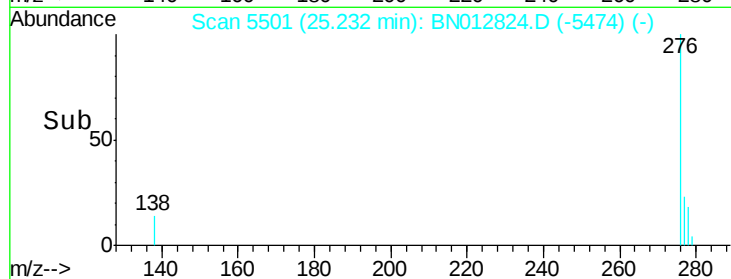
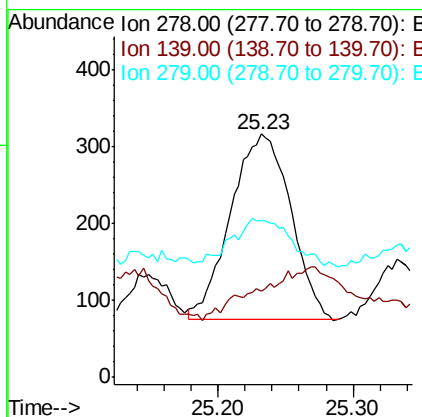
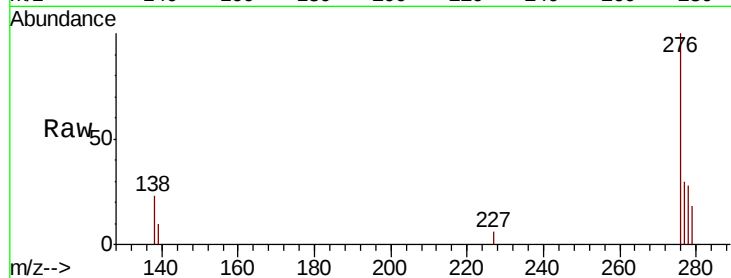
#25
Dibenzo(a,h)anthracene
Concen: 0.050 ng/u1
RT: 25.23 min Scan# 5501
Delta R.T. -0.01 min
Lab File: BN012824.D
Acq: 02 Dec 2020 17:44

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
278	100		
139	35.3	13.8	20.8#
279	64.0	25.6	38.4#

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#26
Benzo(g,h,i)perylene
Concen: 0.175 ng/u1
RT: 25.86 min Scan# 5687
Delta R.T. -0.00 min
Lab File: BN012824.D
Acq: 02 Dec 2020 17:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	16.3	24.5
277	28.9	21.8	32.8

