

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022021\
 Data File : BN013689.D
 Acq On : 20 Feb 2021 13:33
 Operator : CG/JU
 Sample : M1412-24
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBGZ9

Manual Integrations
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Quant Time: Feb 22 06:08:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN020421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 16 16:31:21 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	4980	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	18736	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	12988	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	22312m	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	20823m	0.40	ng/ul	0.01
20) Perylene-d12	23.34	264	17353	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.90	152	7643	0.29	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	13200	0.24	ng/ul	0.00
Target Compounds				Ovalue		
9) Fluorene	15.23	166	1375	0.028	ng/ul#	91
11) Pentachlorophenol	16.59	266	112	0.041	ng/ul#	81
12) Phenanthrene	16.97	178	2493	0.038	ng/ul#	72
13) Anthracene	17.06	178	1194	0.022	ng/ul#	25
15) Fluoranthene	19.00	202	3385	0.047	ng/ul#	17
17) Pyrene	19.37	202	2182	0.029	ng/ul#	52
18) Benzo(a)anthracene	21.13	228	171788m	2.542	ng/ul	
19) Chrysene	21.17	228	277296m	3.771	ng/ul	
21) Benzo(b)fluoranthene	22.69	252	4766	0.067	ng/ul#	1
22) Benzo(k)fluoranthene	22.75	252	2651	0.036	ng/ul#	1
23) Benzo(a)pyrene	23.24	252	4485	0.079	ng/ul#	1
26) Benzo(g,h,i)perylene	26.16	276	1547	0.023	ng/ul#	1

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

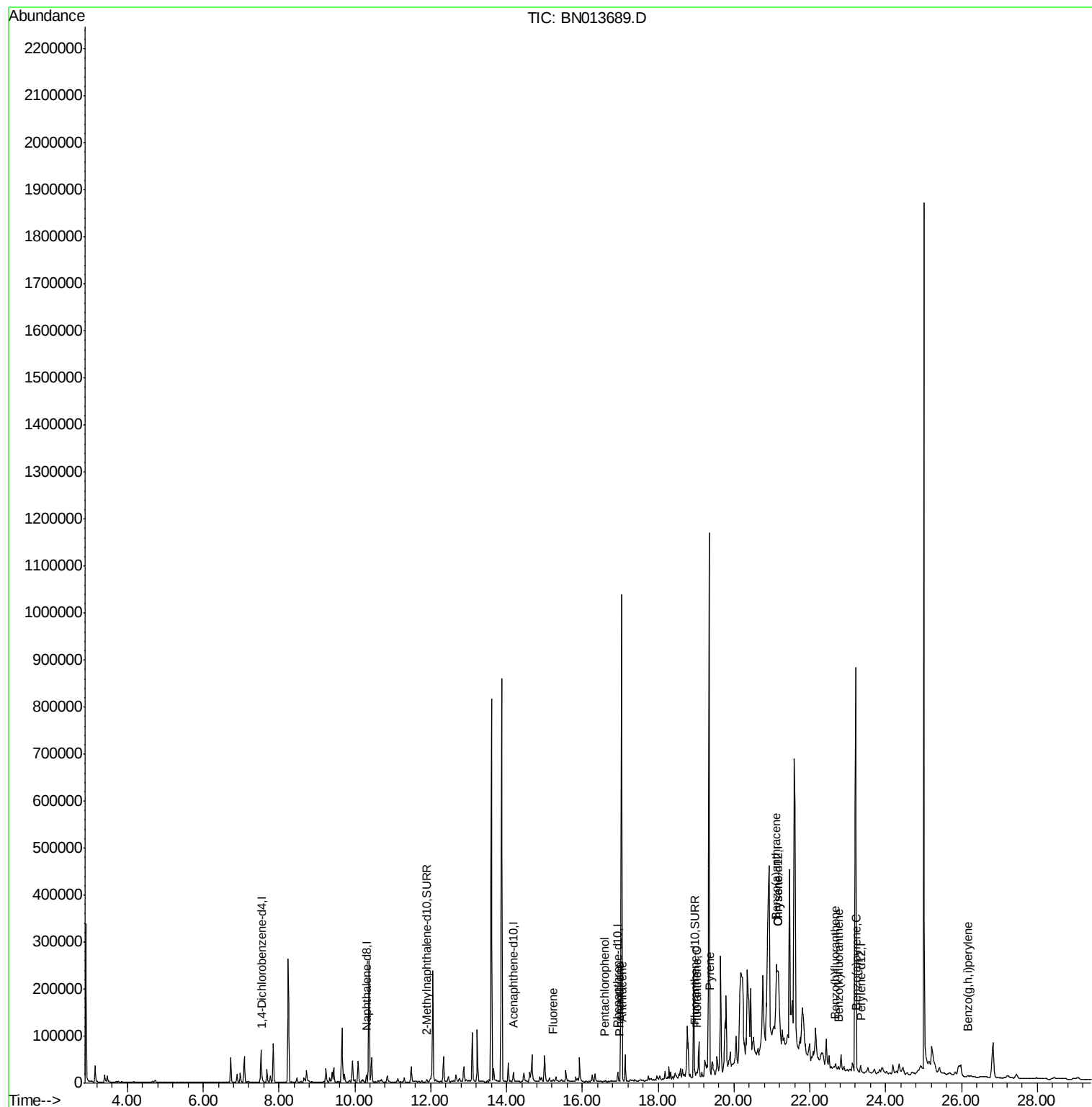
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022021\
Data File : BN013689.D
Acq On : 20 Feb 2021 13:33
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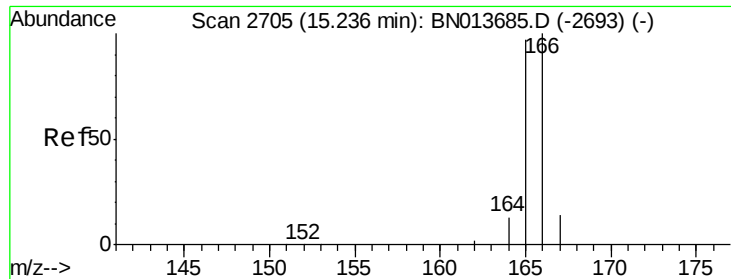
Instrument :
BNA_N
ClientSampleId :
DBGZ9

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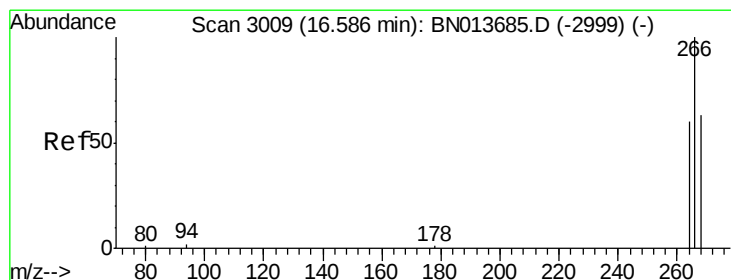
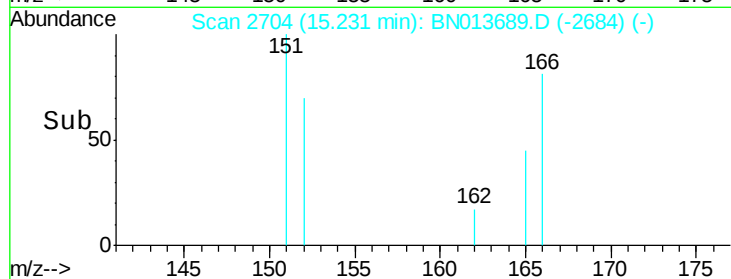
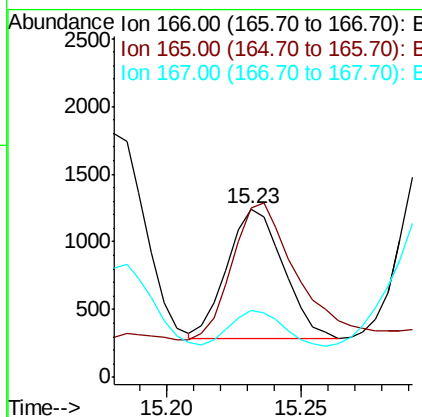
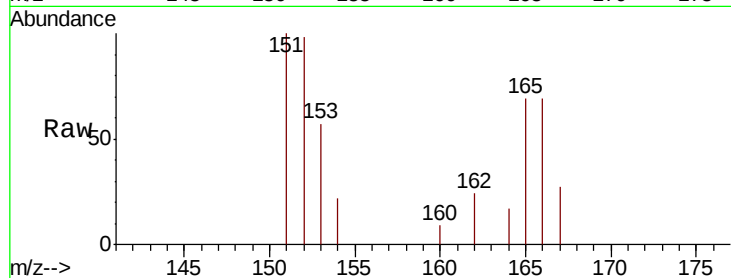
#9
Fluorene
 Concen: 0.028 ng/ul
 RT: 15.23 min Scan# 2704
 Delta R.T. -0.01 min
 Lab File: BN013689.D
 Acq: 20 Feb 2021 13:33

Instrument :
 BNA_N
 ClientSampleID :
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Tot Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.9	118.3
167	39.8	11.2	16.8#

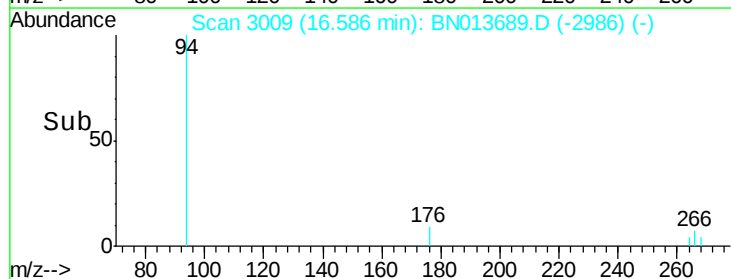
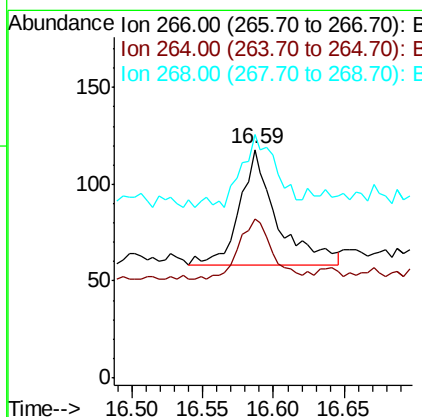
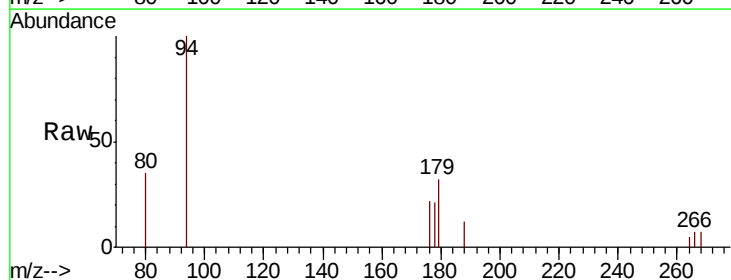
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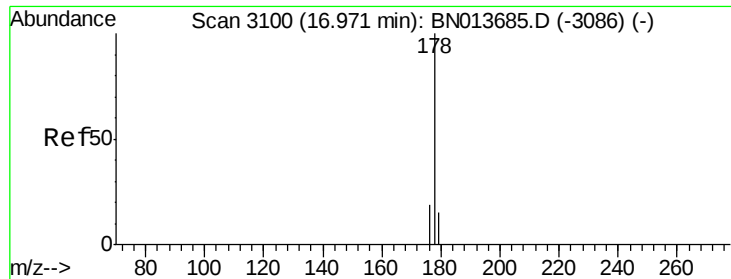
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#11
Pentachlorophenol
 Concen: 0.041 ng/ul
 RT: 16.59 min Scan# 3009
 Delta R.T. -0.00 min
 Lab File: BN013689.D
 Acq: 20 Feb 2021 13:33

Tgt Ion	Ratio	Lower	Upper
266	100		
264	44.6	49.9	74.9#
268	52.7	51.2	76.8





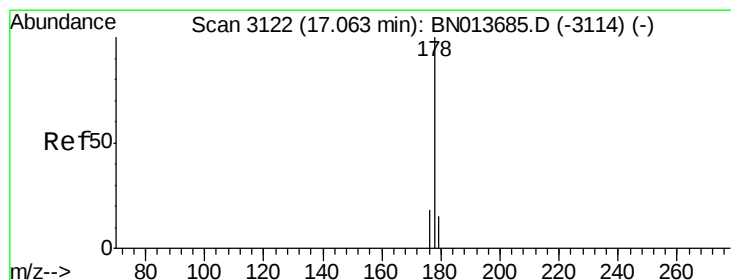
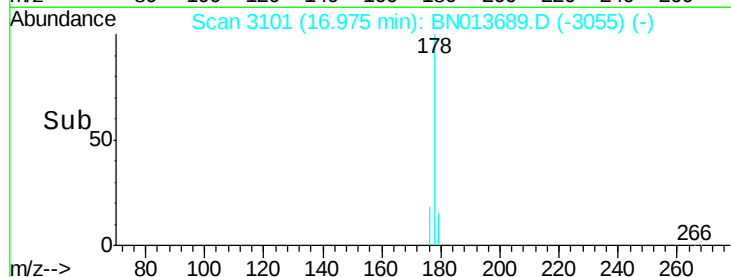
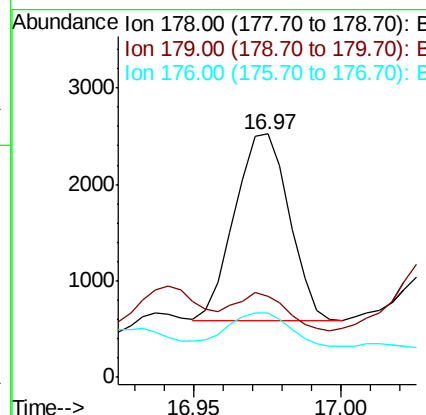
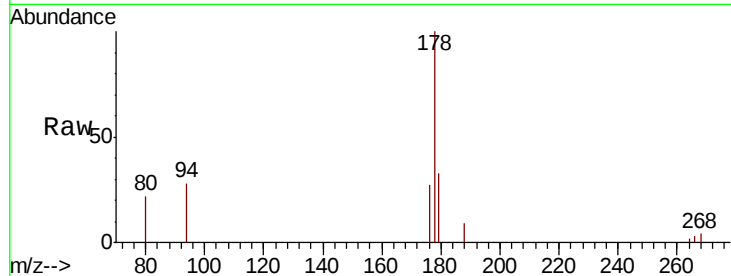
#12
Phenanthrene
Concen: 0.038 ng/ul
RT: 16.97 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BN013689.D
Acq: 20 Feb 2021 13:33

Instrument :
BNA_N
ClientSampleId :
DBGZ9

Tot Ion:178 Resp: 2493
Ion Ratio Lower Upper
178 100
179 33.4 12.5 18.7#
176 26.7 15.2 22.8#

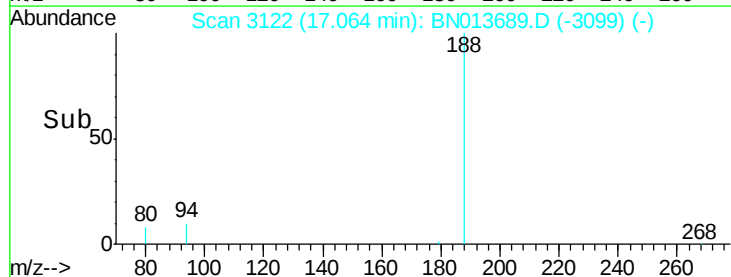
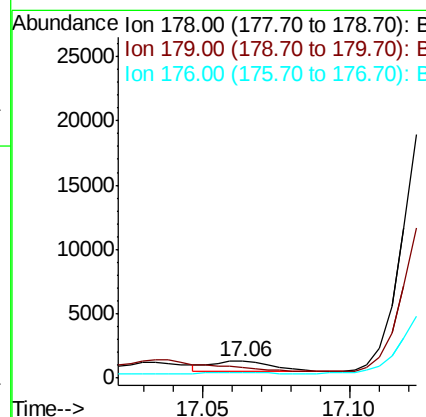
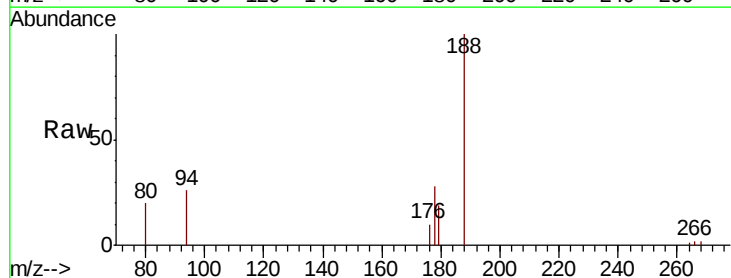
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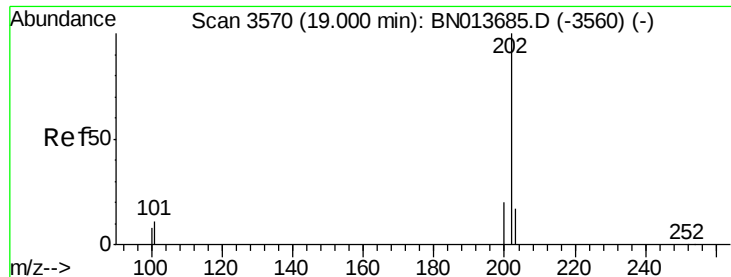
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#13
Anthracene
Concen: 0.022 ng/ul
RT: 17.06 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BN013689.D
Acq: 20 Feb 2021 13:33

Tgt Ion:178 Resp: 1194
Ion Ratio Lower Upper
178 100
179 65.6 12.4 18.6#
176 35.5 15.0 22.4#





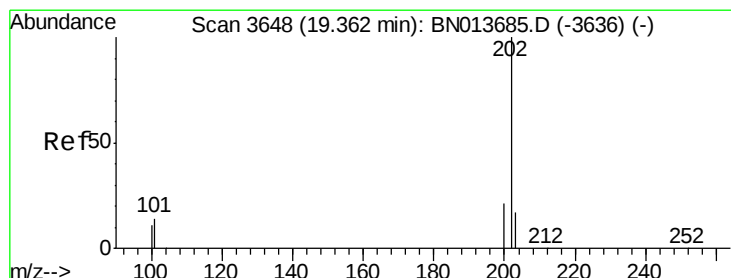
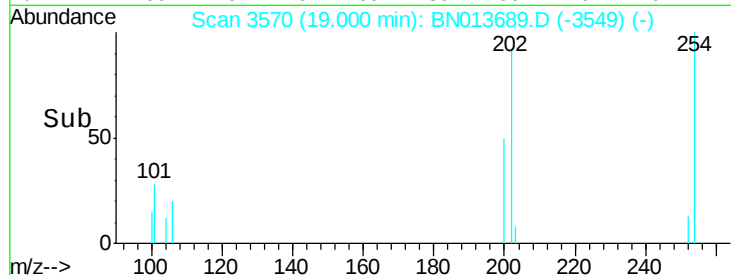
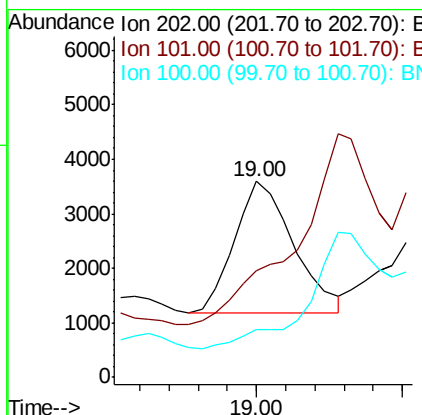
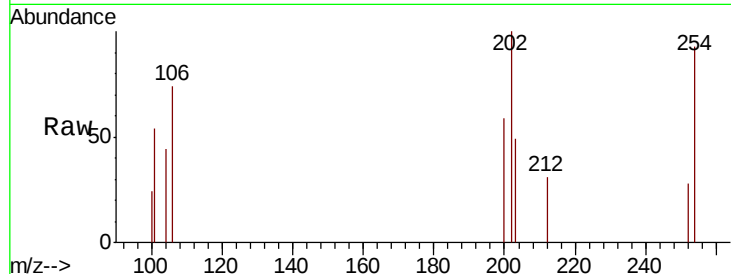
#15
Fluoranthene
Concen: 0.047 ng/ul
RT: 19.00 min Scan# 3570
Delta R.T. -0.00 min
Lab File: BN013689.D
Acq: 20 Feb 2021 13:33

Instrument :
BNA_N
ClientSampled :
DBGZ9

Tot Ion	Ratio	Resp	Lower	Upper
202	100	3385		
101	54.3		0.0	31.1#
100	24.2		0.0	28.5

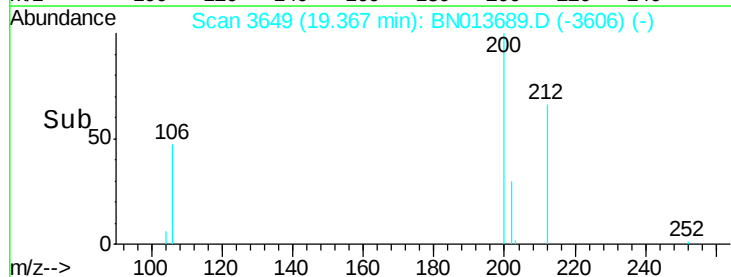
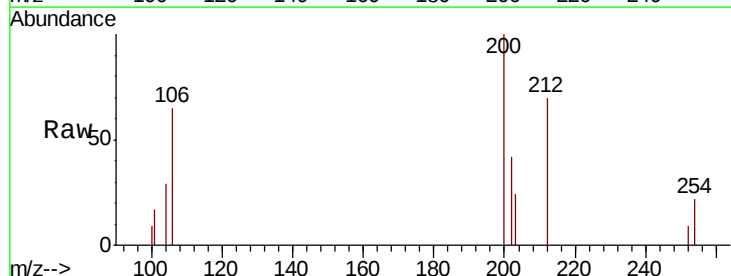
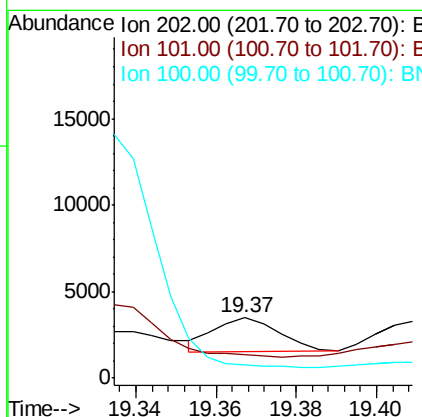
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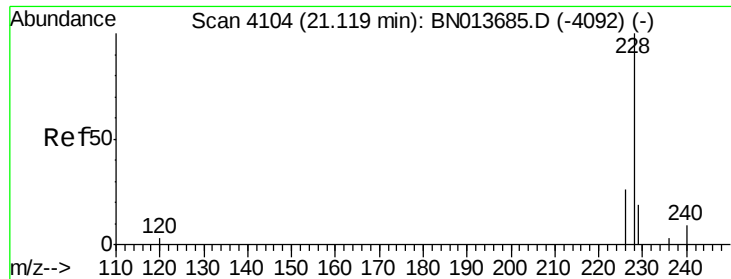
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#17
Pyrene
Concen: 0.029 ng/ul
RT: 19.37 min Scan# 3649
Delta R.T. 0.00 min
Lab File: BN013689.D
Acq: 20 Feb 2021 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2182		
101	39.3		10.8	16.2#
100	21.4		8.6	12.8#





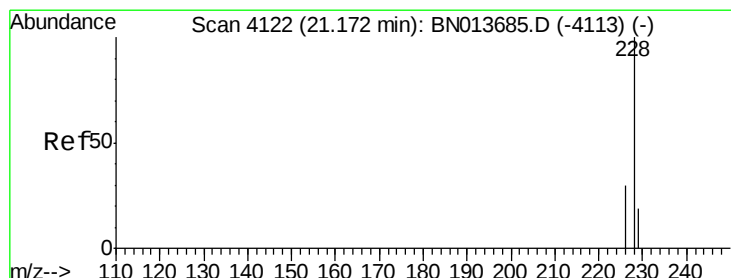
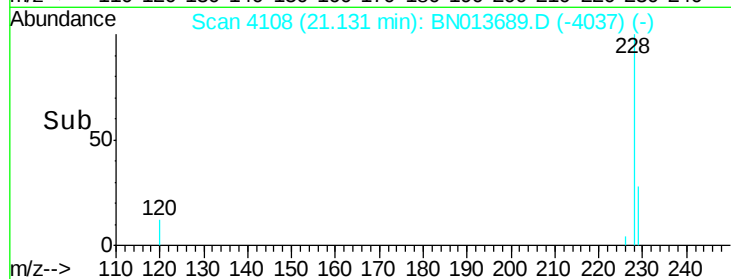
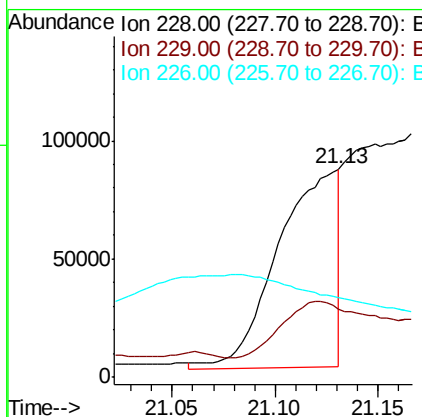
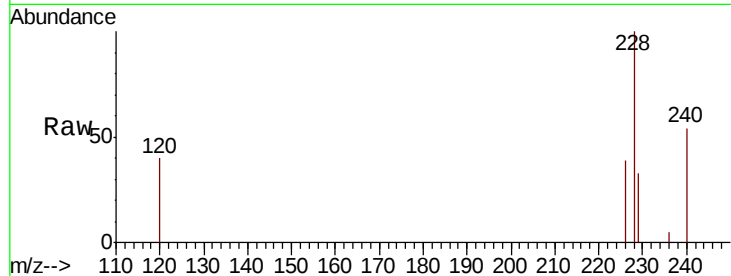
#18
Benzo(a)anthracene
Concen: 2.542 ng/ul m
RT: 21.13 min Scan# 4108
Delta R.T. 0.01 min
Lab File: BN013689.D
Acq: 20 Feb 2021 13:33

Instrument :
BNA_N
ClientSampleId :
DBGZ9

Tot Ion:228 Resp: 171788
Ion Ratio Lower Upper
228 100
229 33.1 15.7 23.5#
226 38.6 21.6 32.4#

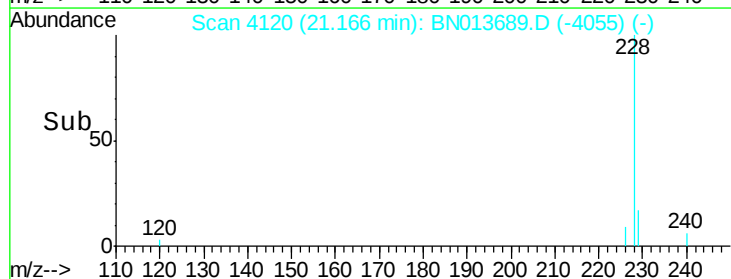
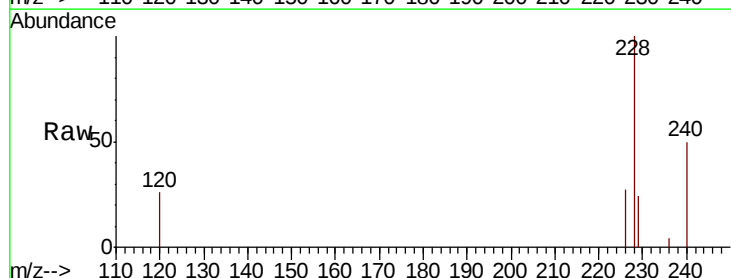
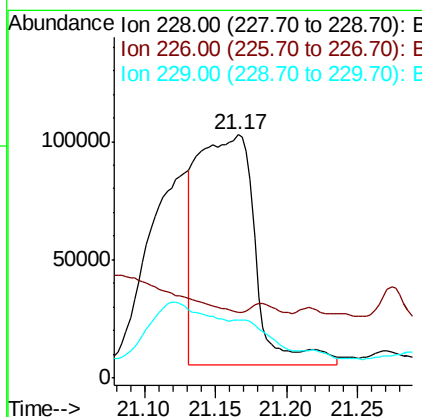
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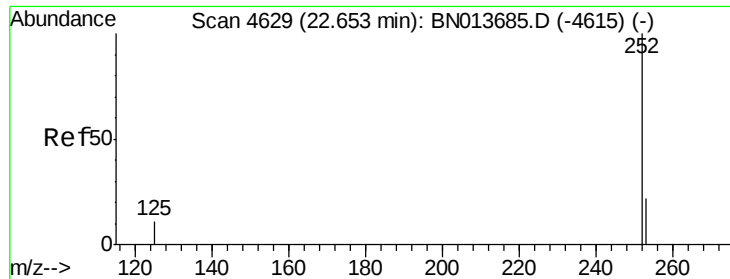
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#19
Chrysene
Concen: 3.771 ng/ul m
RT: 21.17 min Scan# 4120
Delta R.T. -0.01 min
Lab File: BN013689.D
Acq: 20 Feb 2021 13:33

Tgt Ion:228 Resp: 277296
Ion Ratio Lower Upper
228 100
226 27.1 23.4 35.2
229 23.7 15.7 23.5#





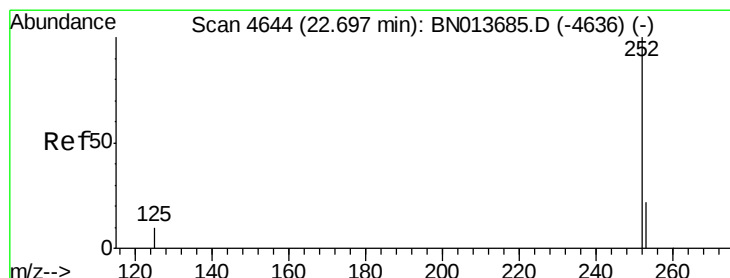
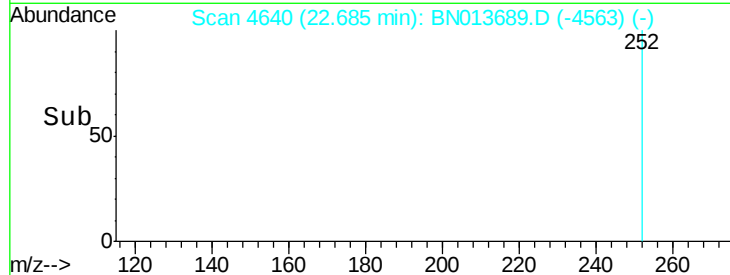
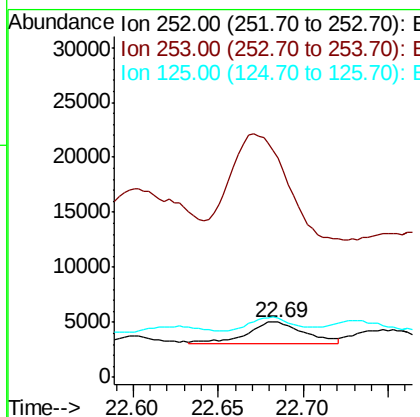
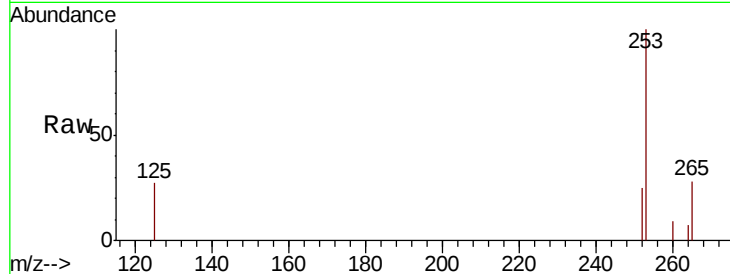
#21
Benzo(b)fluoranthene
Concen: 0.067 ng/u1
RT: 22.69 min Scan# 4640
Delta R.T. 0.03 min
Lab File: BN013689.D
Acq: 20 Feb 2021 13:33

Instrument :
BNA_N
ClientSampleId :
DBGZ9

Tot Ion	Ratio	Lower	Upper
252	100		
253	398.3	0.0	46.6#
125	107.0	0.0	26.8#

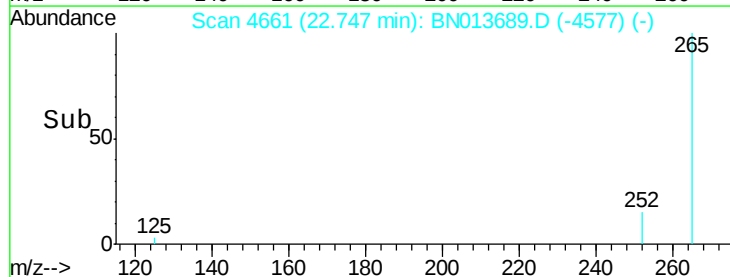
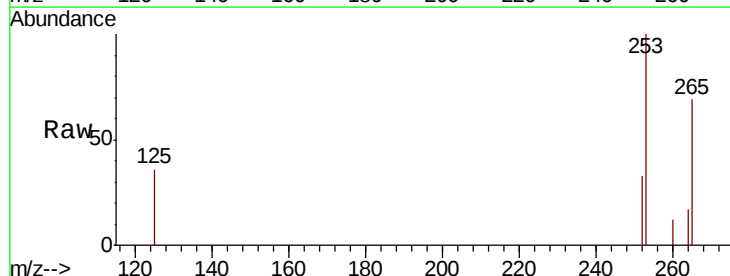
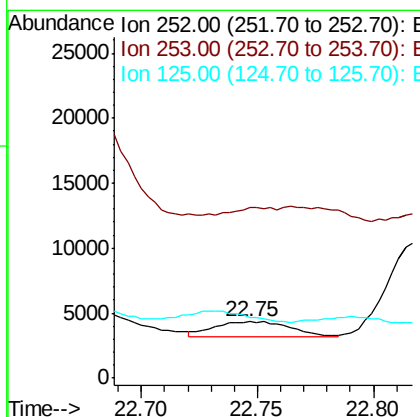
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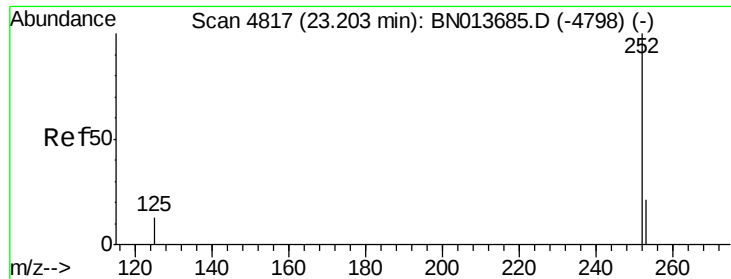
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#22
Benzo(k)fluoranthene
Concen: 0.036 ng/u1
RT: 22.75 min Scan# 4661
Delta R.T. 0.05 min
Lab File: BN013689.D
Acq: 20 Feb 2021 13:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	302.8	19.4	29.2#
125	107.6	10.8	16.2#





#23

Benzo(a)pyrene

Concen: 0.079 ng/u1

RT: 23.24 min Scan# 4830

Delta R.T. 0.03 min

Lab File: BN013689.D

Acq: 20 Feb 2021 13:33

Instrument :

BNA_N

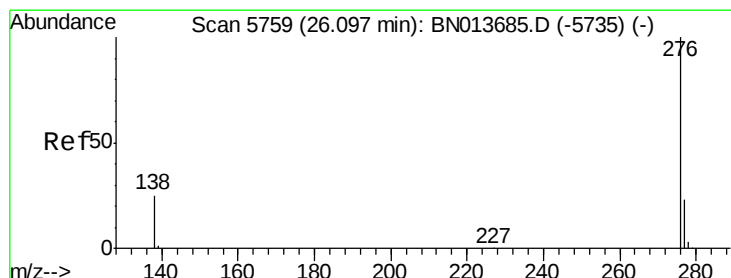
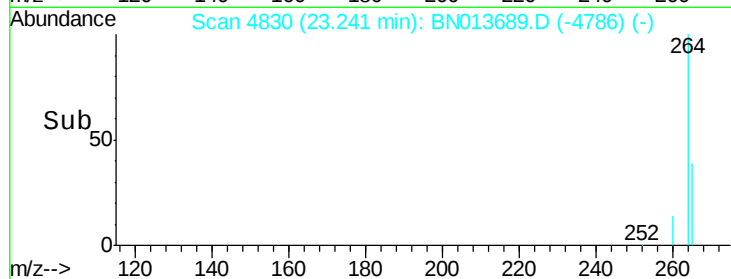
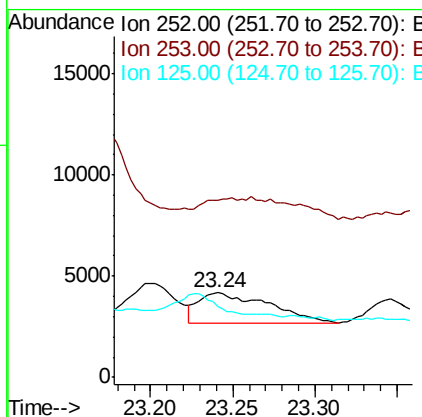
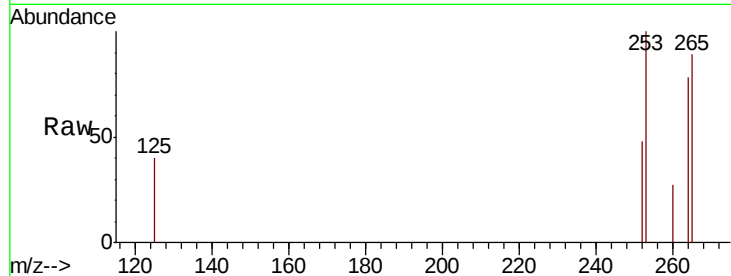
ClientSampled :

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Tot Ion:	252	Resp:	4485
Ion Ratio	Lower	Upper	
252	100		
253	209.3	19.9	29.9#
125	84.2	12.5	18.7#

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#26

Benzo(g,h,i)perylene

Concen: 0.023 ng/u1

RT: 26.16 min Scan# 5778

Delta R.T. 0.06 min

Lab File: BN013689.D

Acq: 20 Feb 2021 13:33

Tgt Ion:	276	Resp:	1547
Ion Ratio	Lower	Upper	
276	100		
138	580.7	20.6	30.8#
277	137.6	19.4	29.0#

