

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122319\
 Data File : BN009119.D
 Acq On : 24 Dec 2019 10:57
 Operator : JU
 Sample : K6276-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C32

Manual Integrations
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Quant Time: Dec 24 11:56:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 06:49:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	3961	0.40	ng/ul	0.00
2) Naphthalene-d8	10.28	136	14792	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.16	164	8033	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	15331m	0.40	ng/ul	0.00
16) Chrysene-d12	21.11	240	8893	0.40	ng/ul	0.00
20) Perylene-d12	23.25	264	9103	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.88	152	5669	0.22	ng/ul	0.00
14) Fluoranthene-d10	18.94	212	11218	0.25	ng/ul	0.00
Target Compounds				Ovalue		
11) Pentachlorophenol	16.57	266	165	0.040	ng/ul	100
12) Phenanthrene	16.95	178	2279	0.043	ng/ul#	91
15) Fluoranthene	18.97	202	5720	0.094	ng/ul	92
17) Pyrene	19.34	202	5721	0.126	ng/ul#	90
18) Benzo(a)anthracene	21.10	228	1804	0.046	ng/ul#	85
19) Chrysene	21.15	228	2725	0.069	ng/ul#	91
21) Benzo(b)fluoranthene	22.62	252	3621m	0.085	ng/ul	
22) Benzo(k)fluoranthene	22.66	252	1795m	0.042	ng/ul	
23) Benzo(a)pyrene	23.16	252	2109	0.057	ng/ul#	38
24) Indeno(1,2,3-cd)pyrene	25.35	276	2054	0.051	ng/ul#	93
26) Benzo(g,h,i)perylene	25.99	276	2177	0.064	ng/ul#	80

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

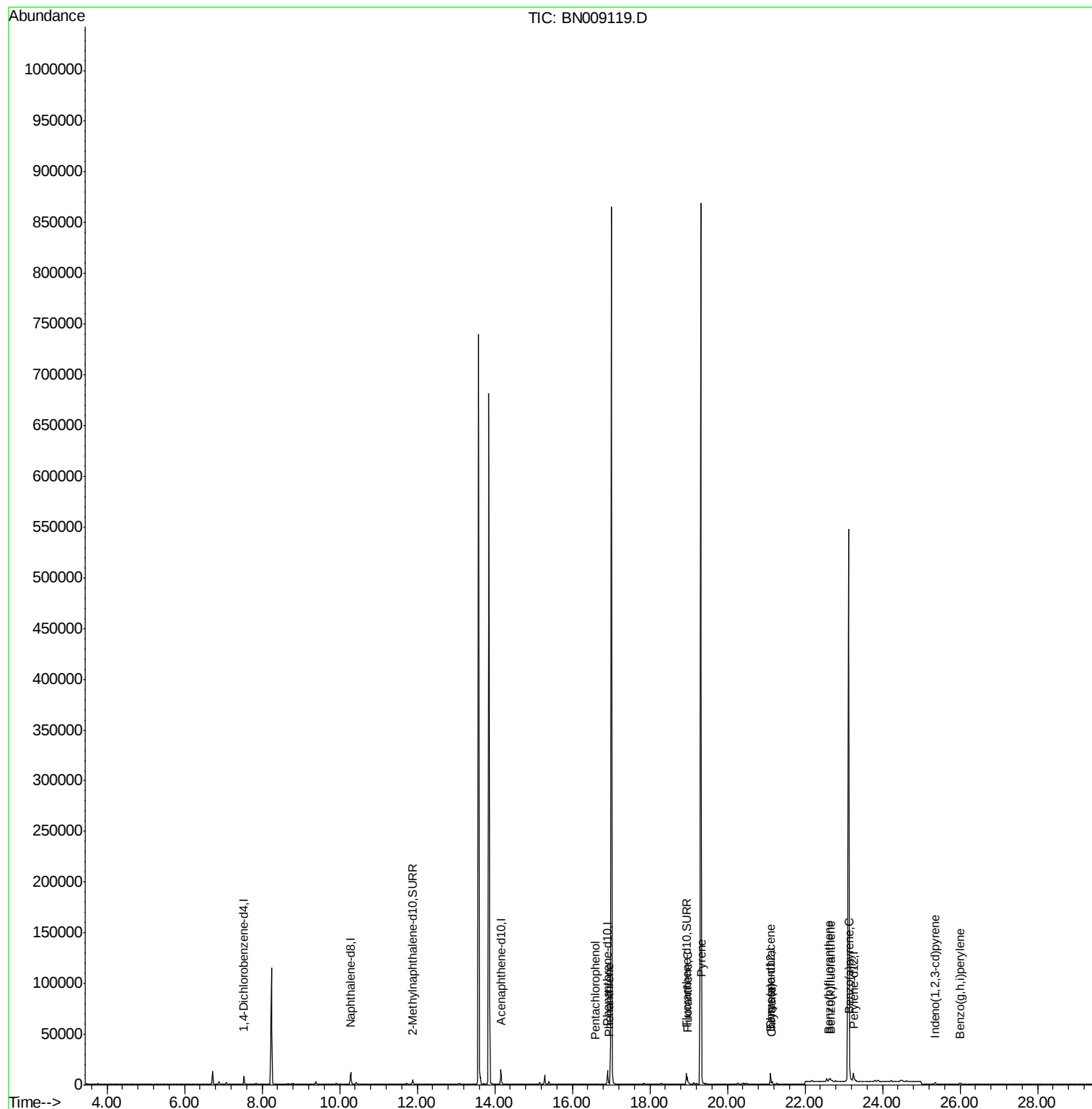
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122319\
Data File : BN009119.D
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ALS Vial : 35 Sample Multiplier: 1

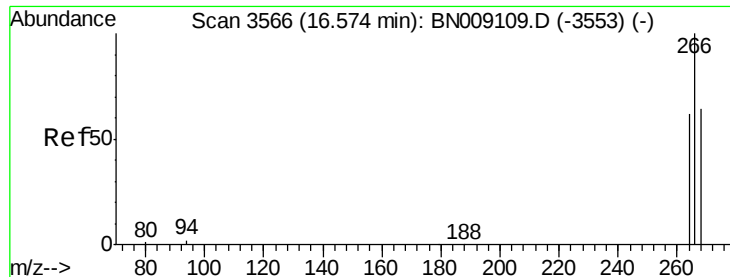
Instrument :
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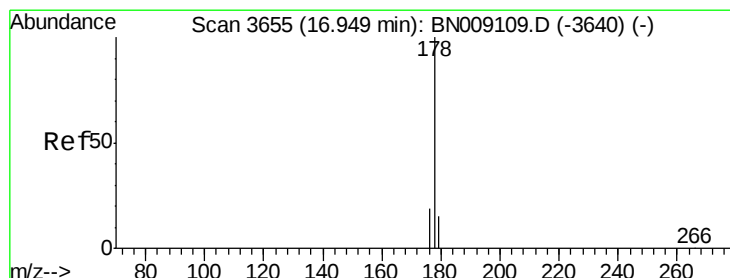
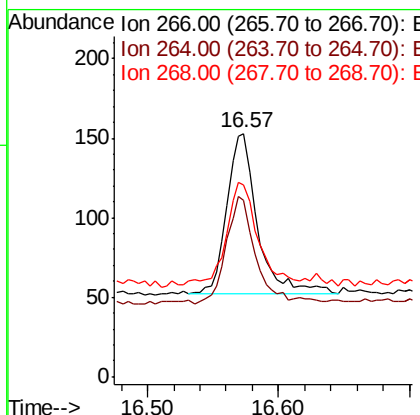
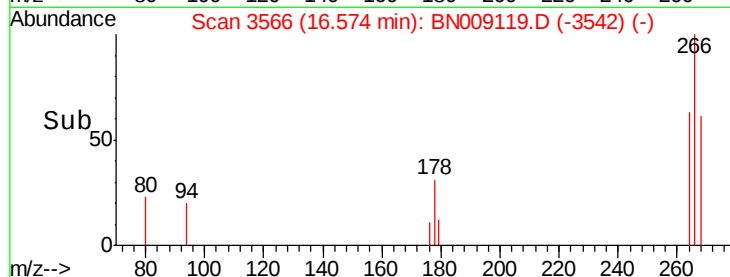
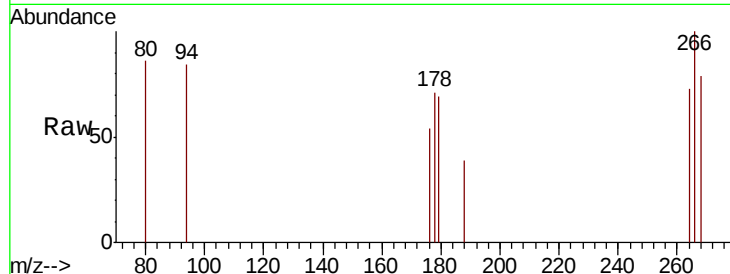
#11
 Pentachlorophenol
 Concen: 0.040 ng/ul
 RT: 16.57 min Scan# 3566
 Delta R.T. 0.00 min
 Lab File: BN009119.D
 Acq: 24 Dec 2019 10:57

Instrument :
 BNA_N
 ClientSampleId :
 C0C32

Tot Ion:	266	Resp:	165
Ion Ratio	Lower	Upper	
266	100		
264	62.4	49.9	74.9
268	65.5	52.1	78.1

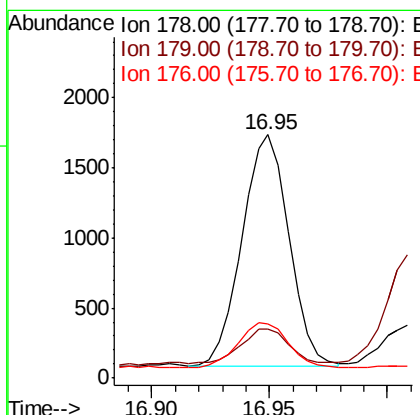
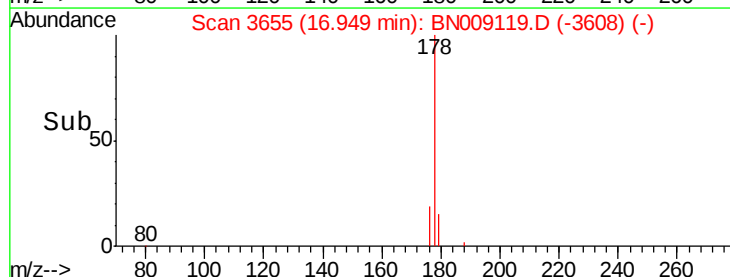
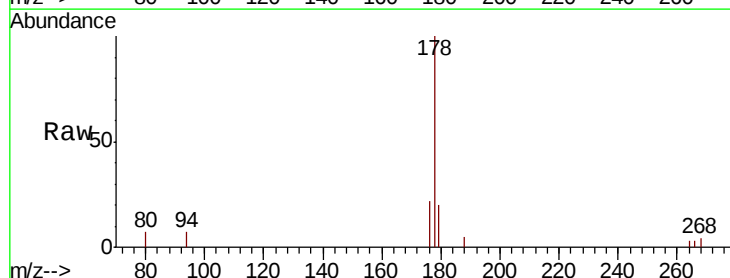
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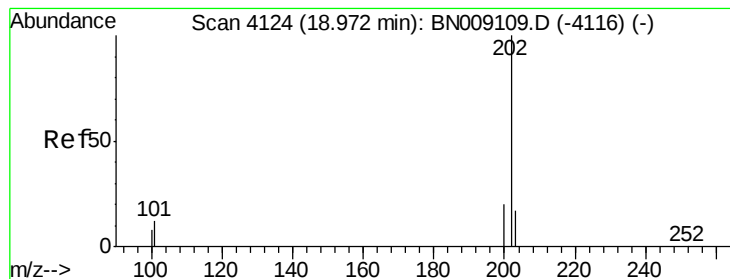
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#12
 Phenanthrene
 Concen: 0.043 ng/ul
 RT: 16.95 min Scan# 3655
 Delta R.T. 0.00 min
 Lab File: BN009119.D
 Acq: 24 Dec 2019 10:57

Tgt Ion:	178	Resp:	2279
Ion Ratio	Lower	Upper	
178	100		
179	20.1	12.3	18.5#
176	22.4	15.1	22.7





#15

Fluoranthene

Concen: 0.094 ng/ul

RT: 18.97 min Scan# 4124

Delta R.T. 0.00 min

Lab File: BN009119.D

Acq: 24 Dec 2019 10:57

Instrument :

BNA_N

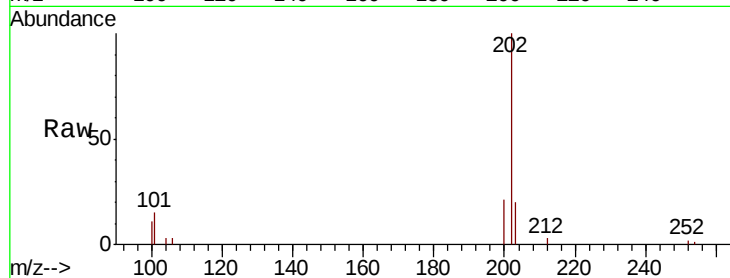
ClientSampleId :

C0C32

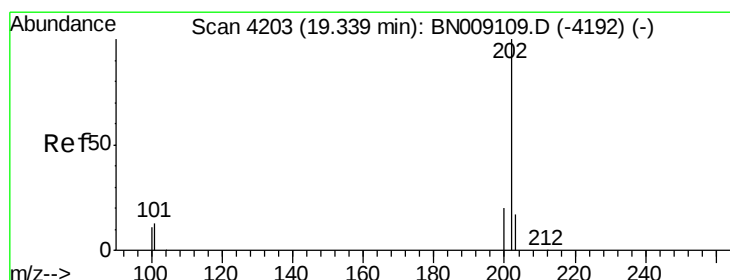
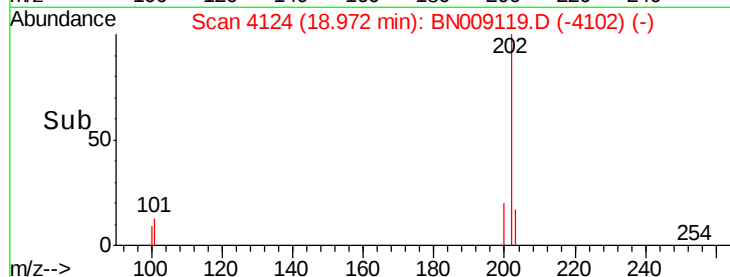
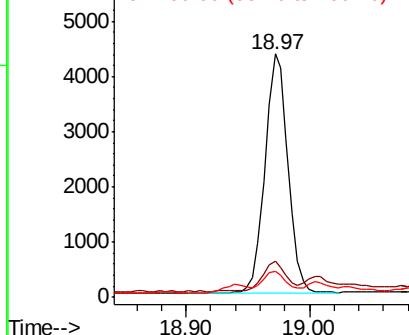
Tot Ion:	202	Resp:	5720
Ion Ratio	Lower	Upper	
202	100		
101	15.2	0.0	31.5
100	10.9	0.0	28.9

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.126 ng/ul

RT: 19.34 min Scan# 4203

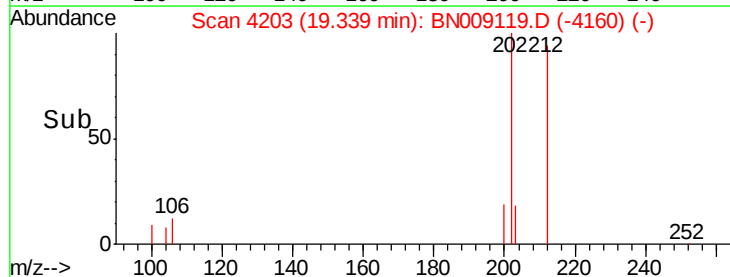
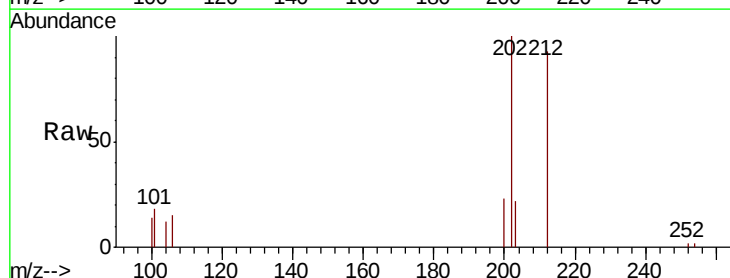
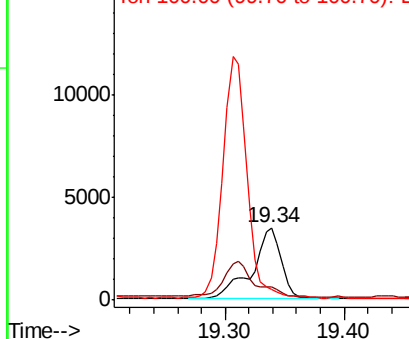
Delta R.T. 0.00 min

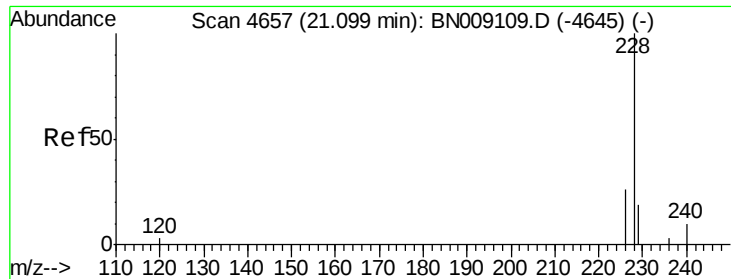
Lab File: BN009119.D

Acq: 24 Dec 2019 10:57

Tgt Ion:	202	Resp:	5721
Ion Ratio	Lower	Upper	
202	100		
101	17.9	10.9	16.3#
100	14.4	9.0	13.6#

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.046 ng/ul

RT: 21.10 min Scan# 4657

Delta R.T. 0.00 min

Lab File: BN009119.D

Acq: 24 Dec 2019 10:57

Instrument :

BNA_N

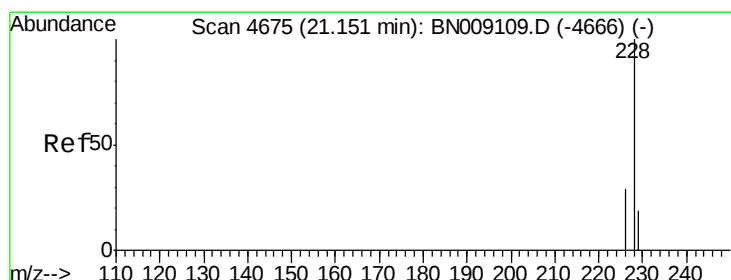
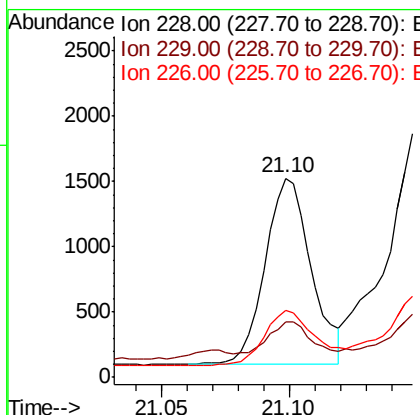
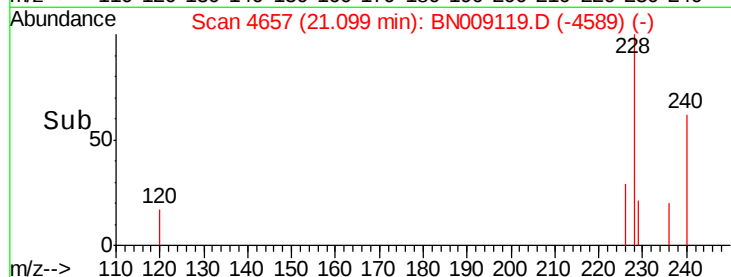
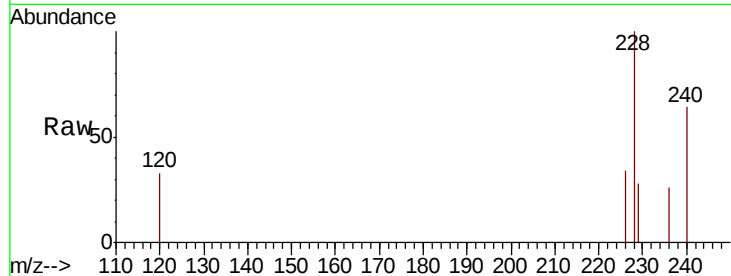
ClientSampleId :

C0C32

Tot Ion:	228	Resp:	1804
Ion Ratio	Lower	Upper	
228	100		
229	27.7	15.5	23.3#
226	33.6	21.7	32.5#

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#19

Chrysene

Concen: 0.069 ng/ul

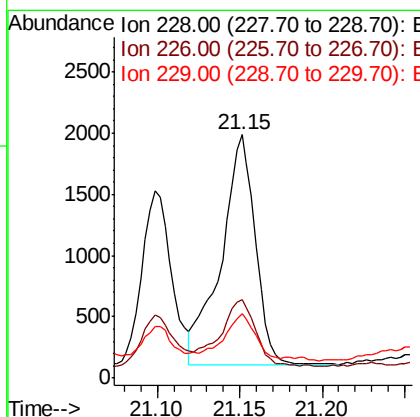
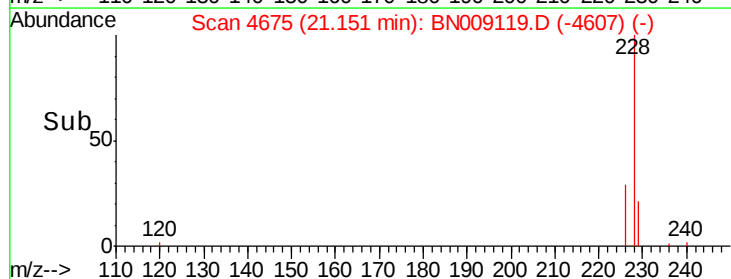
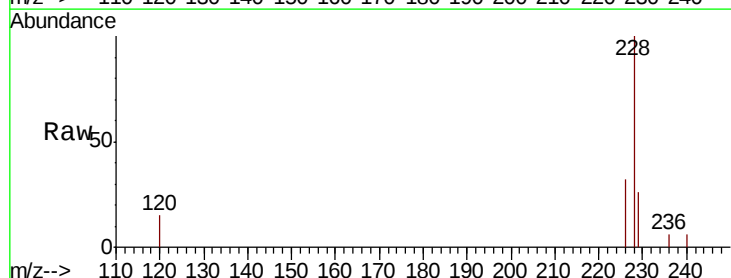
RT: 21.15 min Scan# 4675

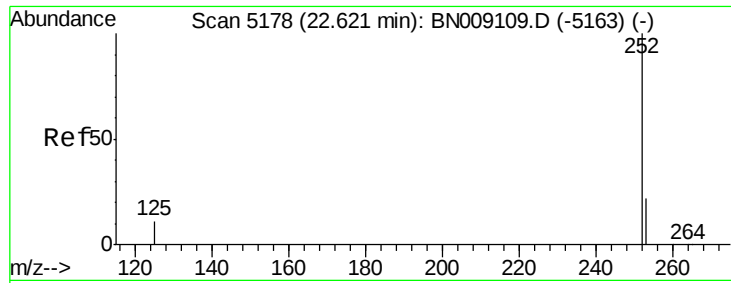
Delta R.T. 0.00 min

Lab File: BN009119.D

Acq: 24 Dec 2019 10:57

Tgt Ion:	228	Resp:	2725
Ion Ratio	Lower	Upper	
228	100		
226	32.1	23.7	35.5
229	26.4	15.4	23.0#





#21

Benzo(b)fluoranthene

Concen: 0.085 ng/ul m

RT: 22.62 min Scan# 5179

Delta R.T. 0.00 min

Lab File: BN009119.D

Acq: 24 Dec 2019 10:57

Instrument :

BNA_N

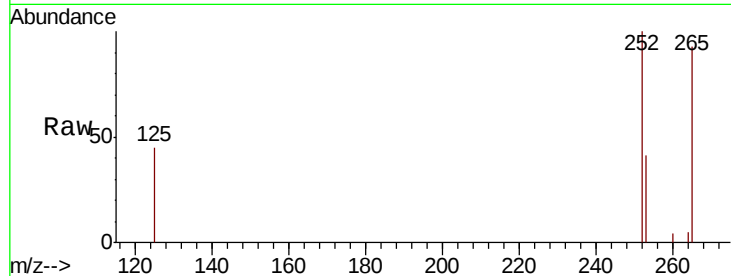
ClientSampleId :

C0C32

Tot Ion	Ratio	Lower	Upper
252	100		
253	41.3	0.0	48.2
125	44.6	0.0	30.0#

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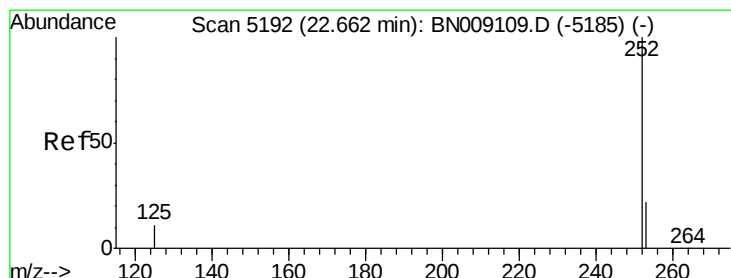
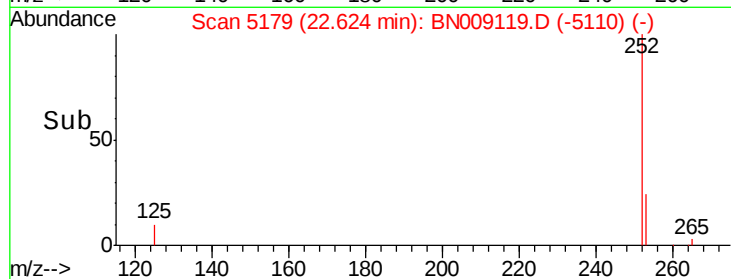
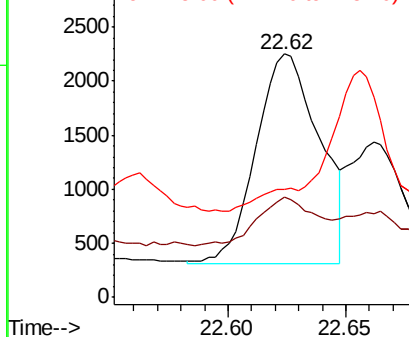


Abundance

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: 0.042 ng/ul m

RT: 22.66 min Scan# 5192

Delta R.T. 0.00 min

Lab File: BN009119.D

Acq: 24 Dec 2019 10:57

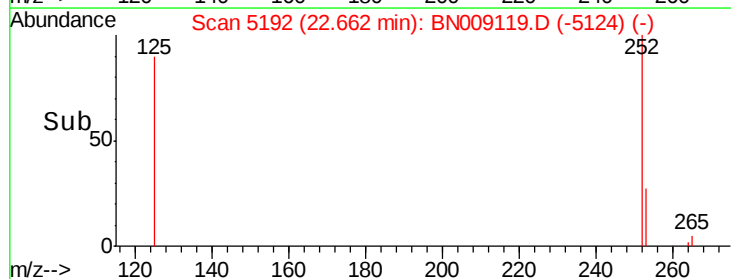
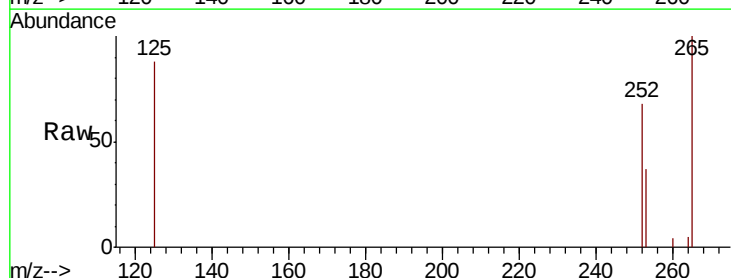
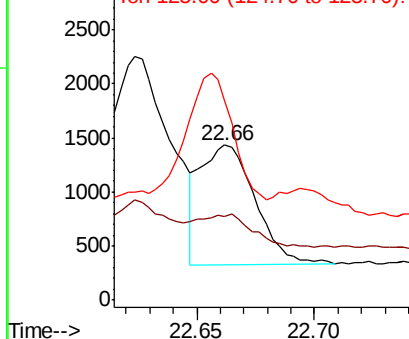
Tgt Ion	Ratio	Lower	Upper
252	100		
253	54.2	19.4	29.0#
125	129.0	12.4	18.6#

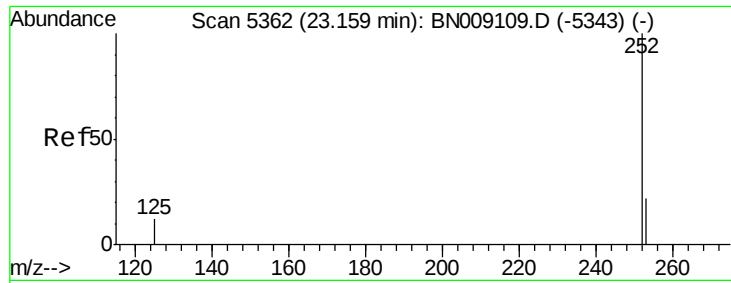
Abundance

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





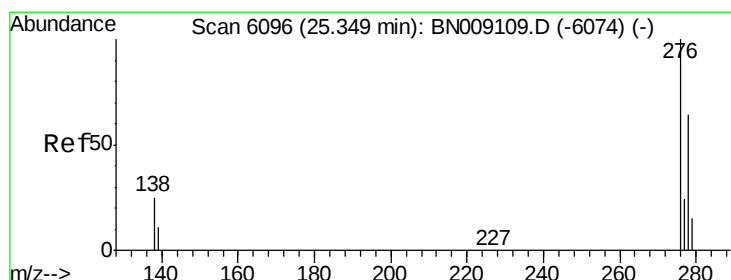
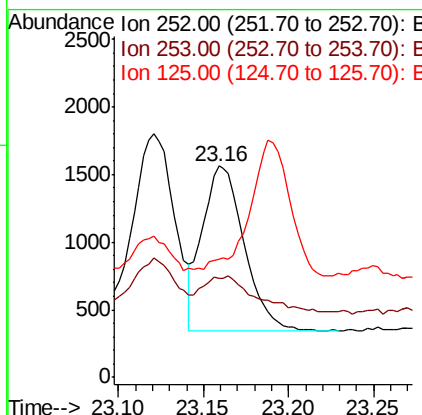
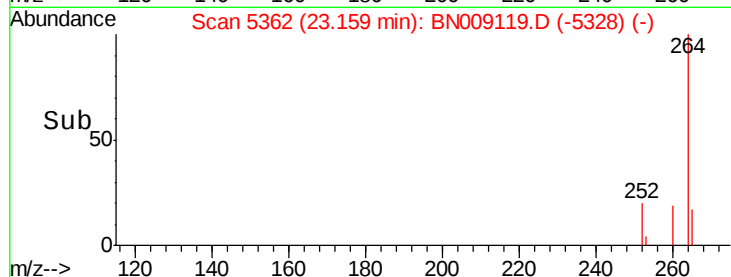
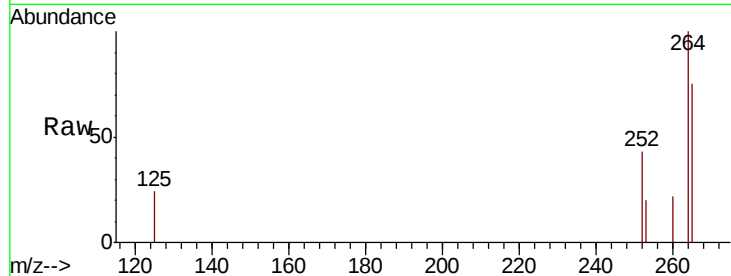
#23
Benzo(a)pyrene
Concen: 0.057 ng/u1
RT: 23.16 min Scan# 5362
Delta R.T. 0.00 min
Lab File: BN009119.D
Acq: 24 Dec 2019 10:57

Instrument :
BNA_N
ClientSampleId :
C0C32

Tot Ion	Ratio	Lower	Upper
252	100		
253	46.9	20.2	30.4#
125	56.1	13.2	19.8#

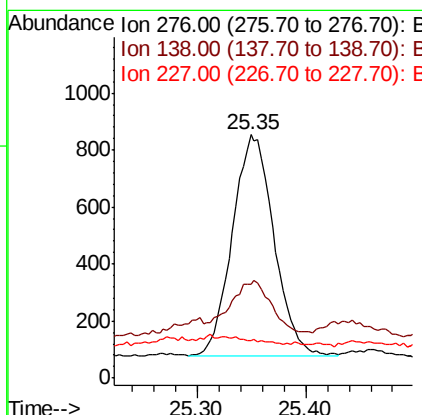
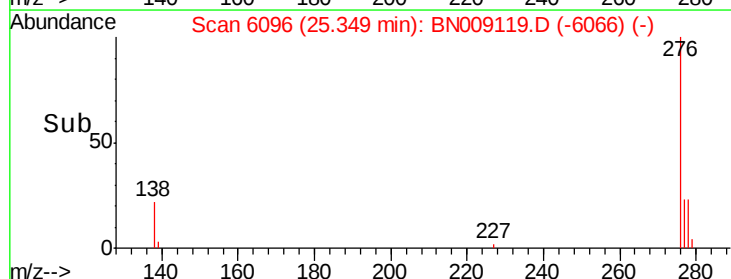
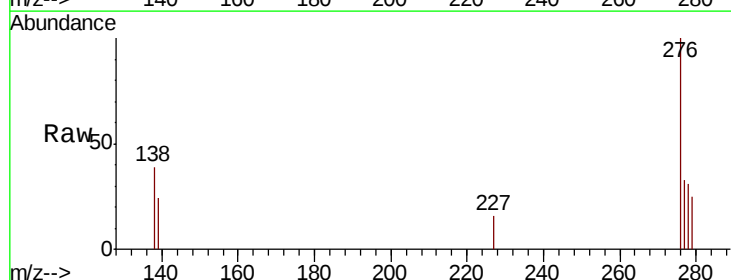
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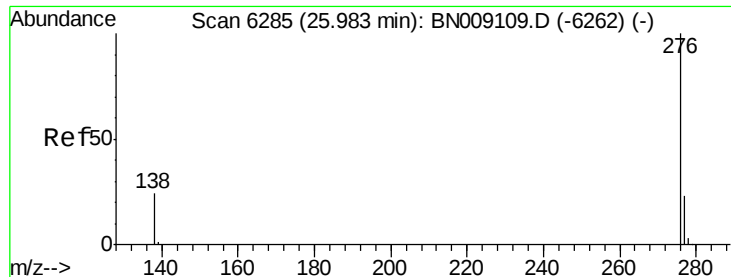
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.051 ng/u1
RT: 25.35 min Scan# 6096
Delta R.T. 0.00 min
Lab File: BN009119.D
Acq: 24 Dec 2019 10:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	22.4	33.6
227	0.0	0.2	0.4#





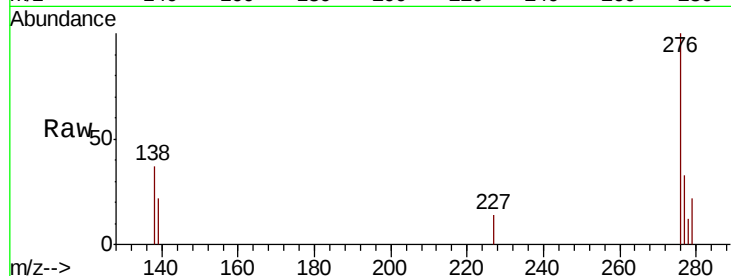
#26
Benzo(a,h,i)perylene
Concen: 0.064 ng/ul
RT: 25.99 min Scan# 6286
Delta R.T. 0.00 min
Lab File: BN009119.D
Acq: 24 Dec 2019 10:57

Instrument :
BNA_N
ClientSampleId :
C0C32

Tot Ion	Ratio	Lower	Upper
276	100		
138	37.1	20.6	30.8#
277	32.9	19.6	29.4#

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

