

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
 Data File : BN009071.D
 Acq On : 20 Dec 2019 16:53
 Operator : JU
 Sample : K6171-11DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BW2DL

Manual Integrations
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Quant Time: Dec 20 23:15:47 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 : Fri Dec 20 22:55:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	4082	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	15512	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.17	164	8089	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	15447	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	8406	0.40	ng/ul	0.00
20) Perylene-d12	23.26	264	8267	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	884	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	1521	0.03	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	16.95	178	20406	0.380	ng/ul	100
13) Anthracene	17.04	178	2779	0.058	ng/ul#	93
15) Fluoranthene	18.98	202	42424	0.691	ng/ul	97
17) Pyrene	19.34	202	33813	0.788	ng/ul	97
18) Benzo(a)anthracene	21.10	228	11562	0.310	ng/ul	97
19) Chrysene	21.15	228	14439	0.385	ng/ul	96
21) Benzo(b)fluoranthene	22.63	252	15425m	0.400	ng/ul	
22) Benzo(k)fluoranthene	22.67	252	5644m	0.145	ng/ul	
23) Benzo(a)pyrene	23.16	252	9803	0.290	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.35	276	7327	0.199	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.36	278	1772	0.060	ng/ul#	45
26) Benzo(g,h,i)perylene	25.99	276	7470	0.241	ng/ul	94

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

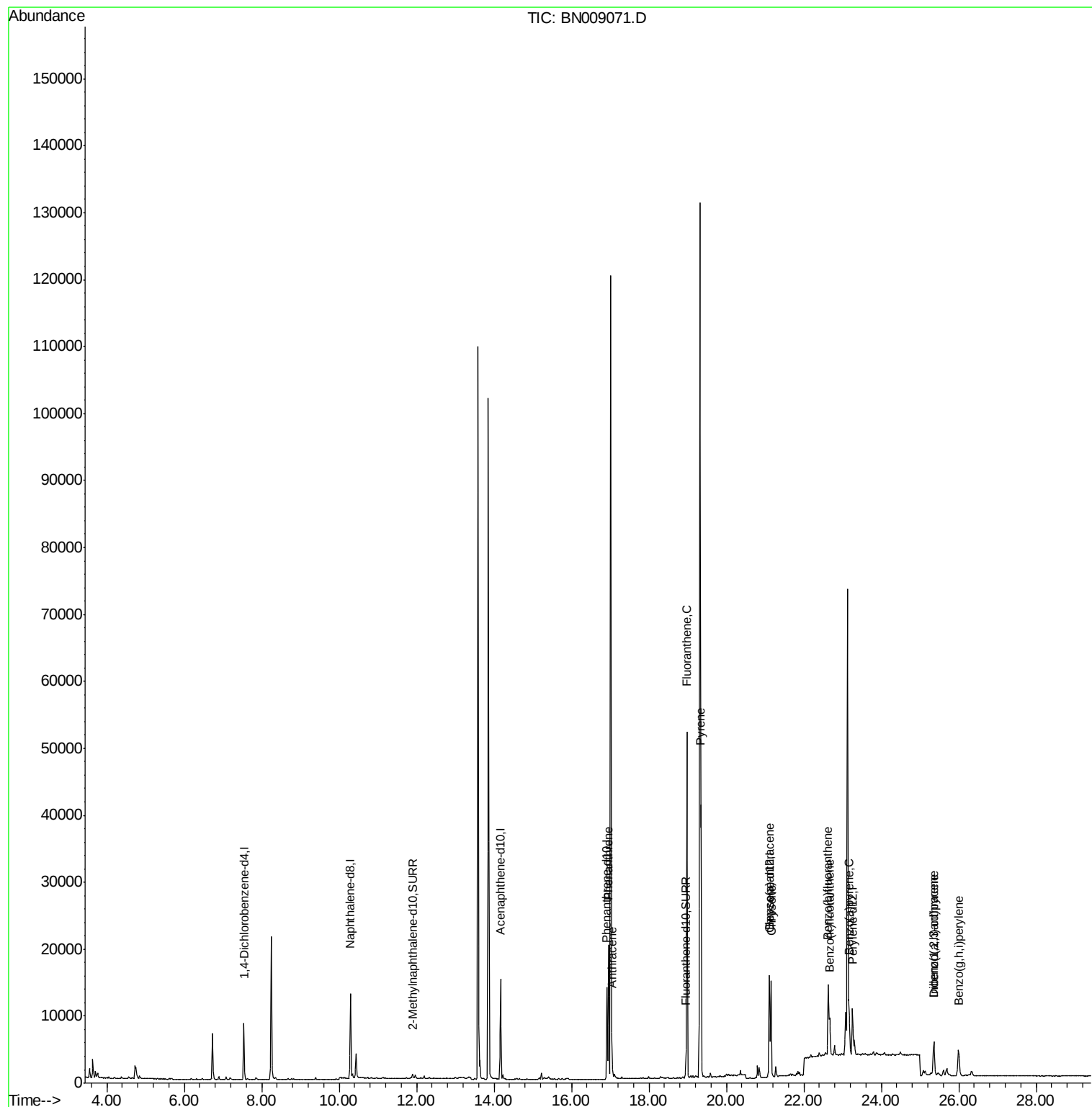
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009071.D
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Operator : JU
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Misc :
ALS Vial : 43 Sample Multiplier: 1

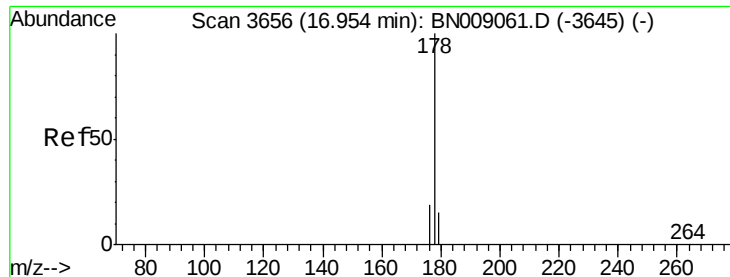
Instrument :
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C0BW2DL

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#12

Phenanthrene

Concen: 0.380 ng/ul

RT: 16.95 min Scan# 3656

Delta R.T. -0.00 min

Lab File: BN009071.D

Acq: 20 Dec 2019 16:53

Instrument :

BNA_N

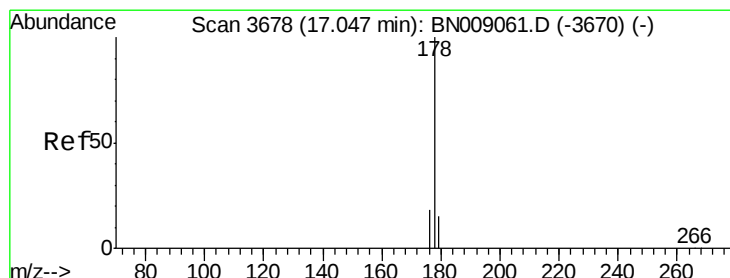
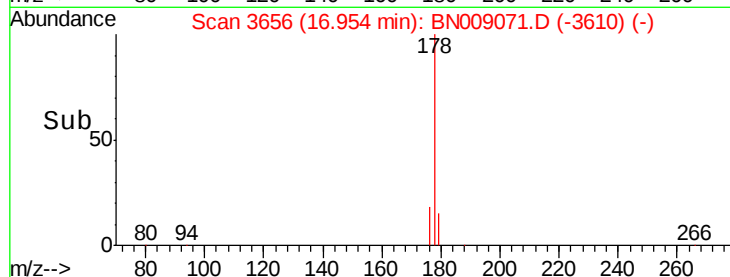
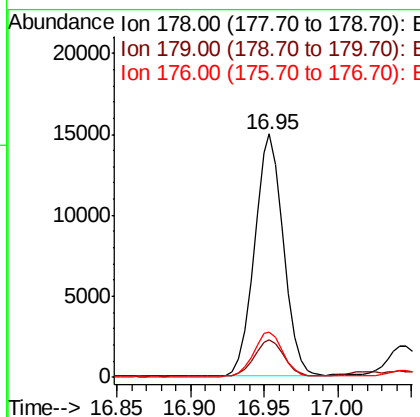
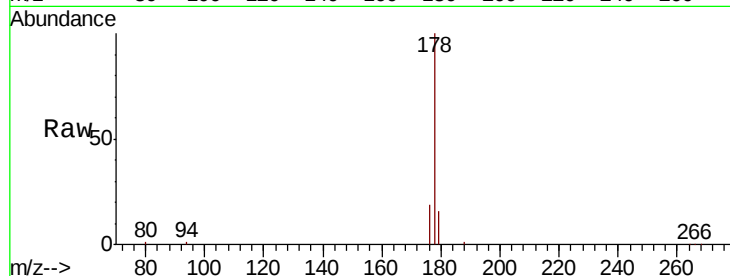
ClientSampleID :

C0BW2DL

Tot Ion:	178	Resp:	20406
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.3	18.5
176	18.8	15.1	22.7

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#13

Anthracene

Concen: 0.058 ng/ul

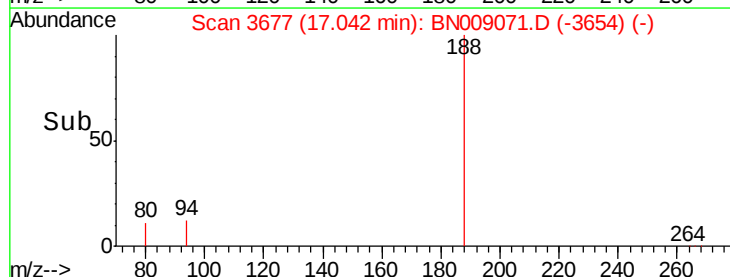
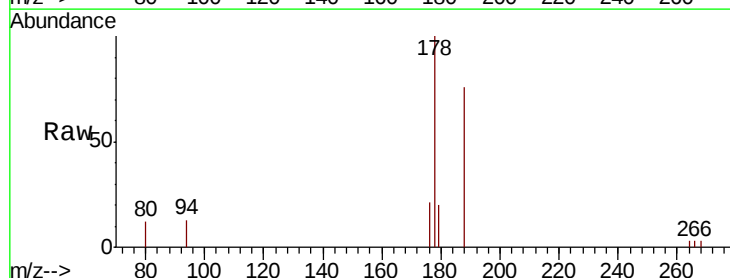
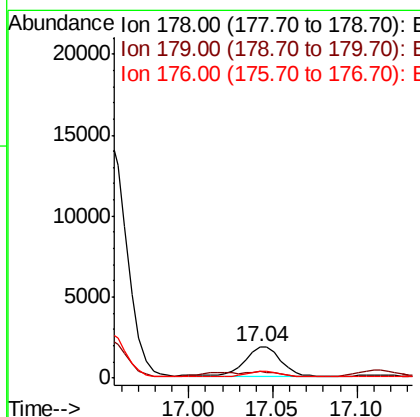
RT: 17.04 min Scan# 3677

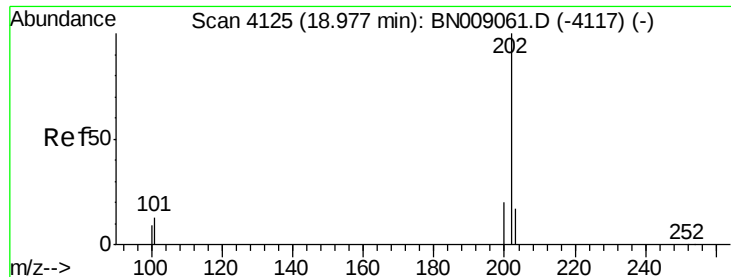
Delta R.T. -0.00 min

Lab File: BN009071.D

Acq: 20 Dec 2019 16:53

Tgt Ion:	178	Resp:	2779
Ion Ratio	Lower	Upper	
178	100		
179	19.7	12.5	18.7#
176	21.0	14.9	22.3





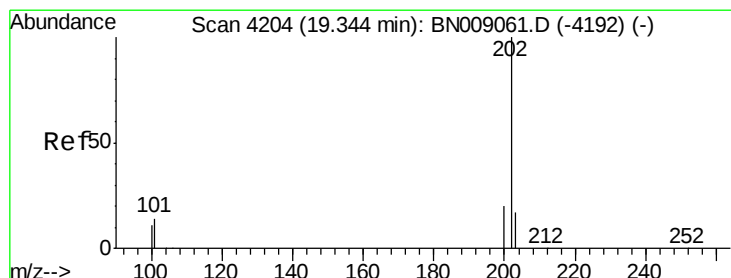
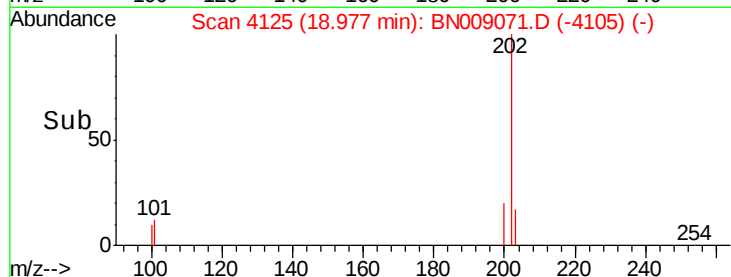
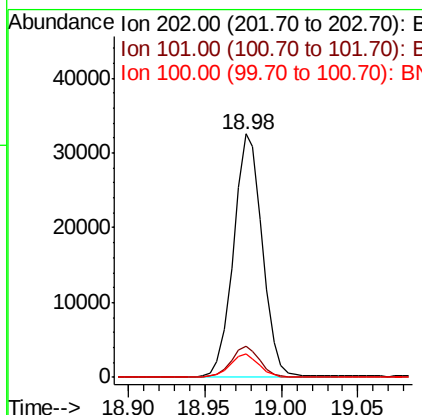
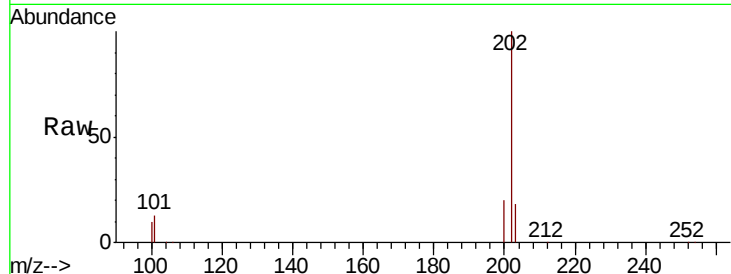
#15
Fluoranthene
 Concen: 0.691 ng/ul
 RT: 18.98 min Scan# 4125
 Delta R.T. -0.00 min
 Lab File: BN009071.D
 Acq: 20 Dec 2019 16:53

Instrument :
 BNA_N
 ClientSampleID :
 C0BW2DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	42424		
101	12.7	0.0	31.5	
100	9.7	0.0	28.9	

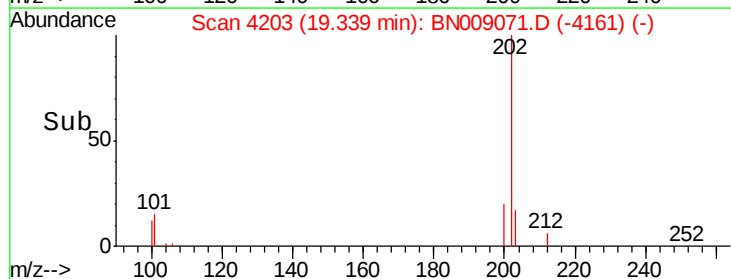
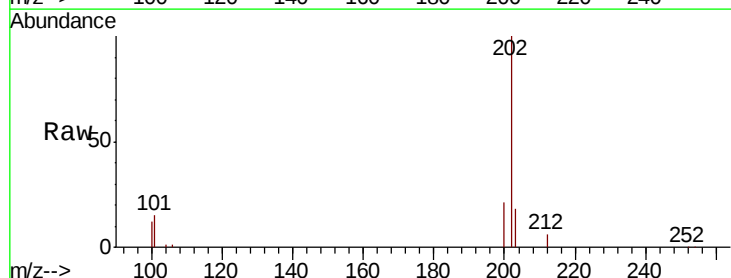
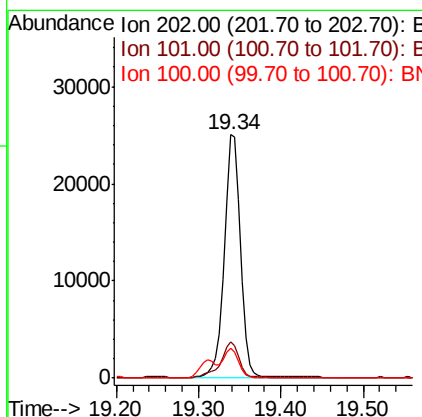
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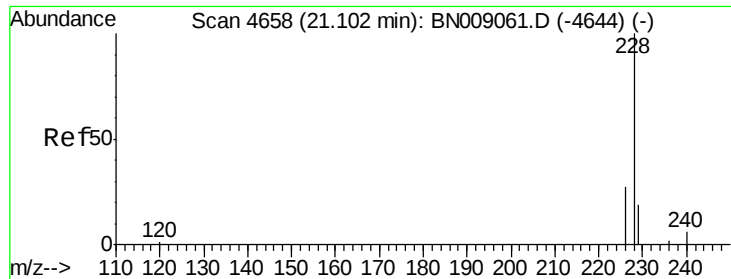
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#17
Pyrene
 Concen: 0.788 ng/ul
 RT: 19.34 min Scan# 4203
 Delta R.T. -0.00 min
 Lab File: BN009071.D
 Acq: 20 Dec 2019 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	33813		
101	15.0	10.9	16.3	
100	12.4	9.0	13.6	





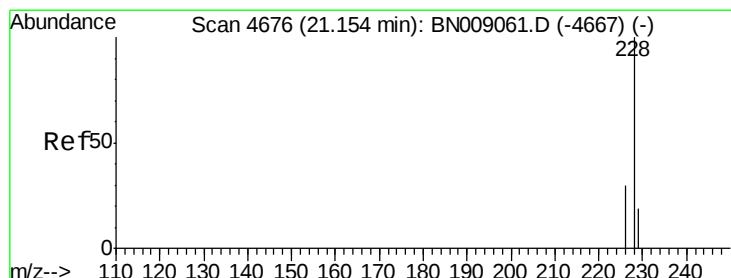
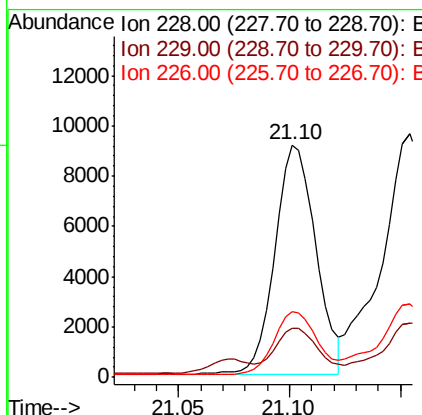
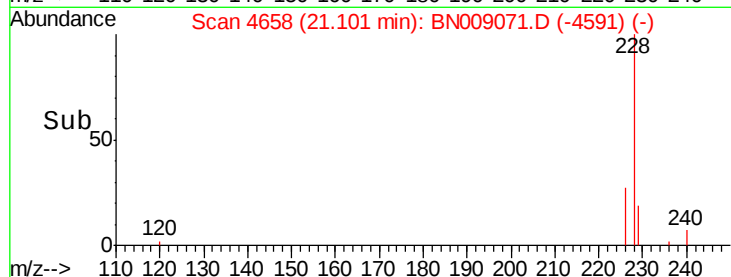
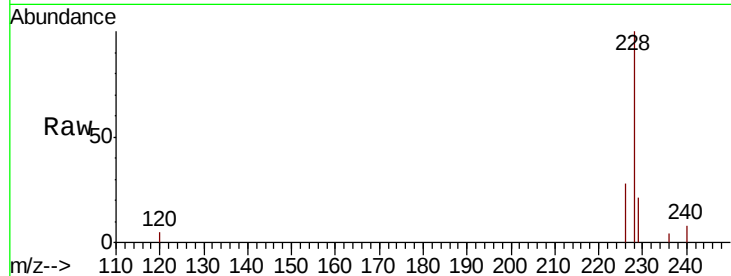
#18
Benzo(a)anthracene
Concen: 0.310 ng/ul
RT: 21.10 min Scan# 4658
Delta R.T. -0.00 min
Lab File: BN009071.D
Acq: 20 Dec 2019 16:53

Instrument :
BNA_N
ClientSampleId :
C0BW2DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.5	23.3
226	28.4	21.7	32.5

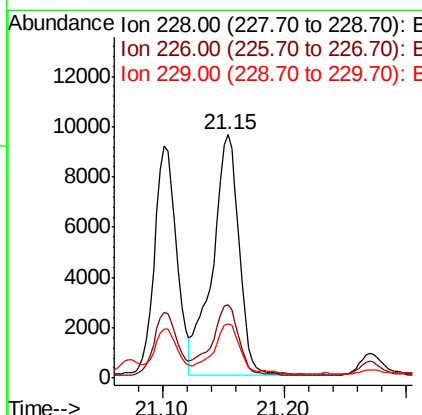
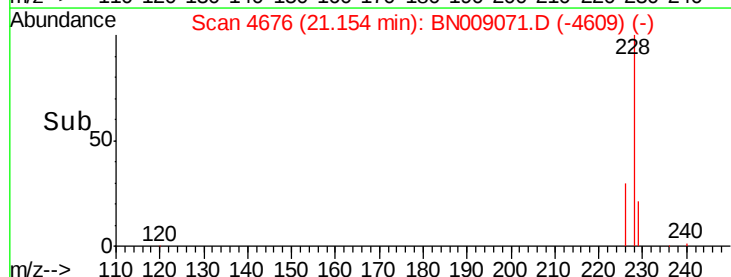
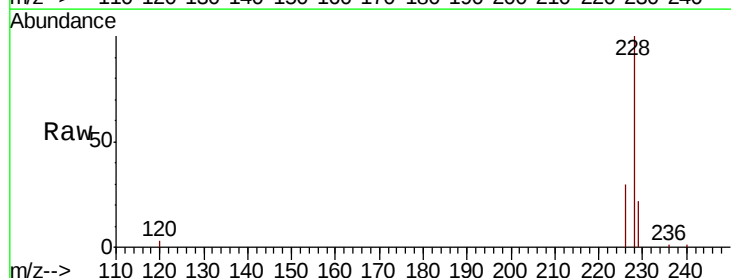
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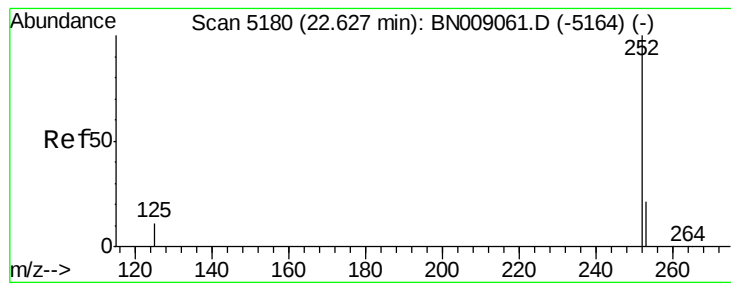
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#19
Chrysene
Concen: 0.385 ng/ul
RT: 21.15 min Scan# 4676
Delta R.T. -0.00 min
Lab File: BN009071.D
Acq: 20 Dec 2019 16:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.7	35.5
229	22.5	15.4	23.0





#21

Benzo(b)fluoranthene

Concen: 0.400 ng/ul m

RT: 22.63 min Scan# 5180

Delta R.T. -0.00 min

Lab File: BN009071.D

Acq: 20 Dec 2019 16:53

Instrument :

BNA_N

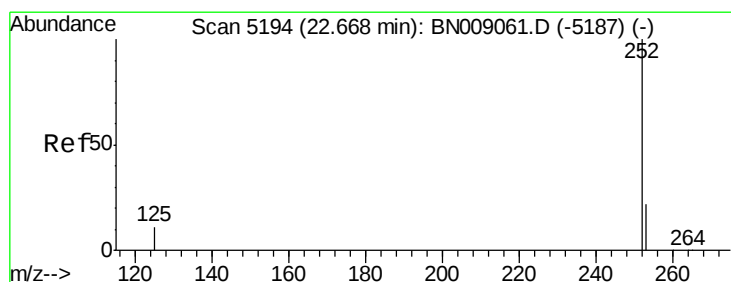
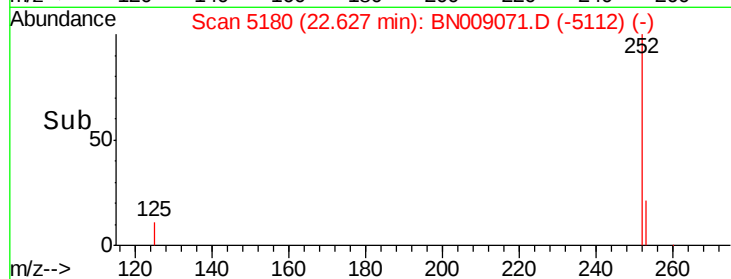
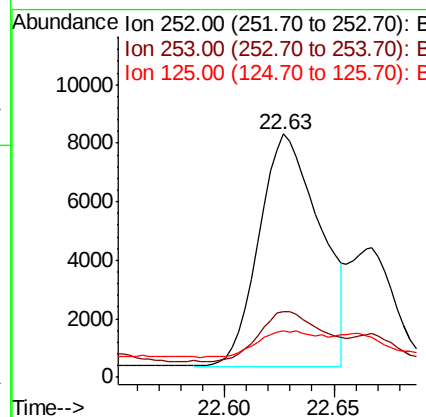
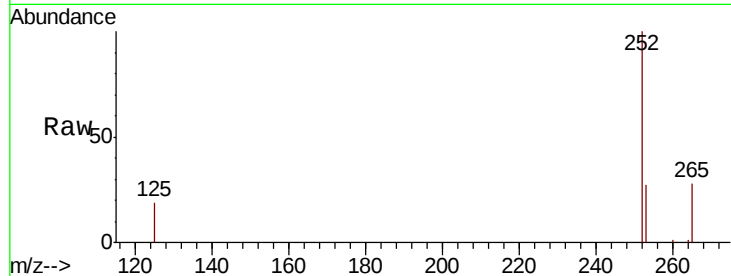
ClientSampleId :

C0BW2DL

Tot Ion:	252	Resp:	15425
Ion Ratio	Lower	Upper	
252	100		
253	26.8	0.0	48.2
125	19.1	0.0	30.0

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#22

Benzo(k)fluoranthene

Concen: 0.145 ng/ul m

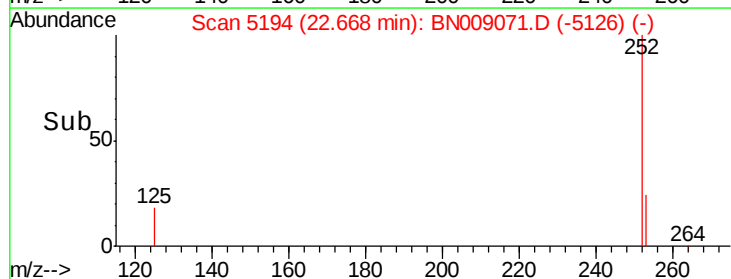
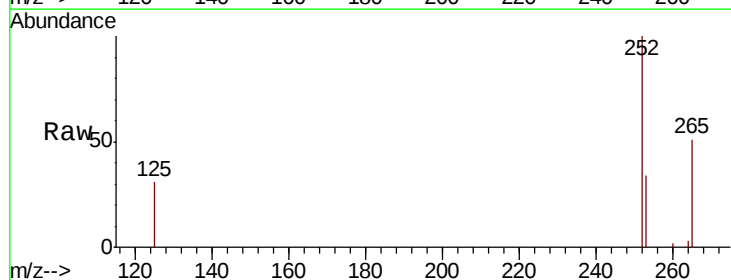
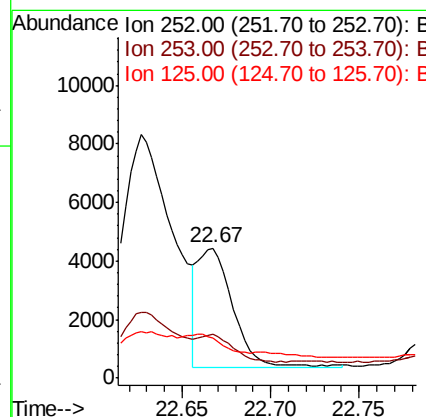
RT: 22.67 min Scan# 5194

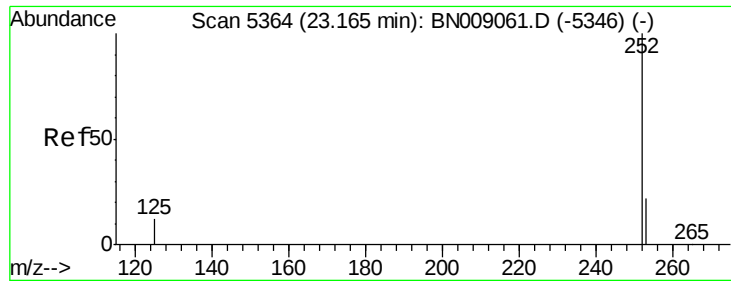
Delta R.T. -0.00 min

Lab File: BN009071.D

Acq: 20 Dec 2019 16:53

Tgt Ion:	252	Resp:	5644
Ion Ratio	Lower	Upper	
252	100		
253	33.7	19.4	29.0#
125	31.1	12.4	18.6#





#23

Benzo(a)pyrene

Concen: 0.290 ng/u1

RT: 23.16 min Scan# 5364

Delta R.T. -0.00 min

Lab File: BN009071.D

Acq: 20 Dec 2019 16:53

Instrument :

BNA_N

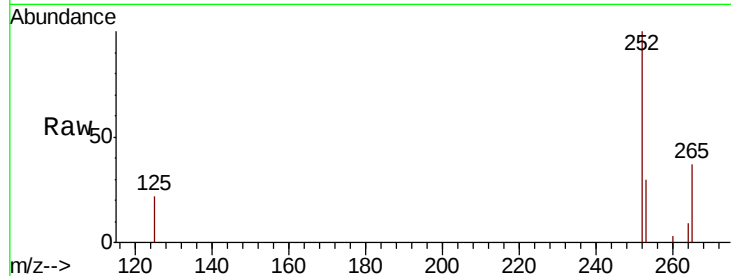
ClientSampleId :

C0BW2DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.6	20.2	30.4
125	21.9	13.2	19.8

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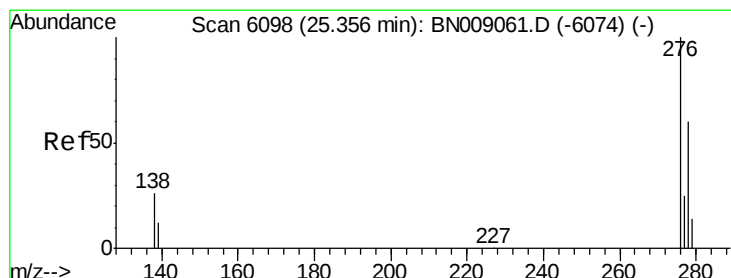
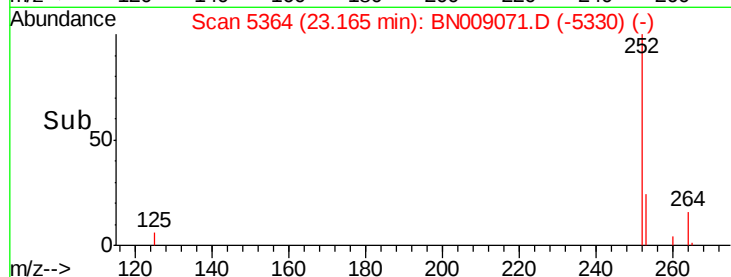
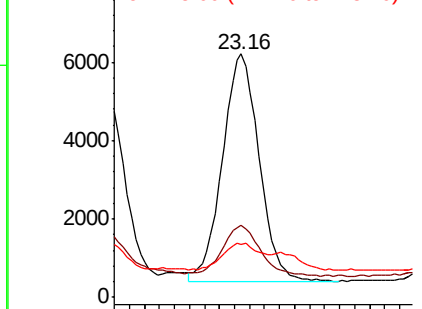


Abundance

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: 0.199 ng/u1

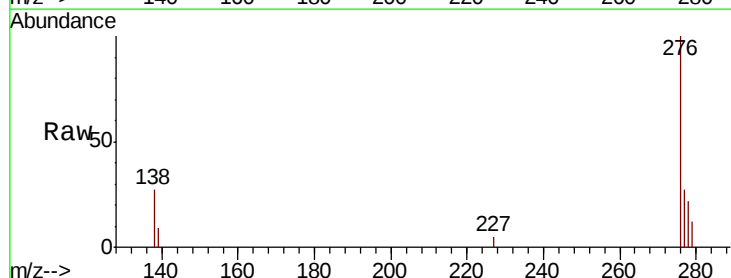
RT: 25.35 min Scan# 6097

Delta R.T. -0.01 min

Lab File: BN009071.D

Acq: 20 Dec 2019 16:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	22.4	33.6
227	0.2	0.2	0.4

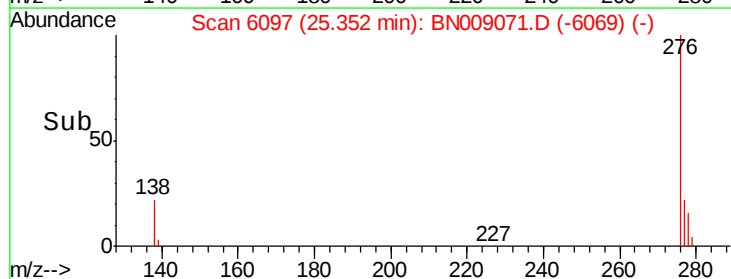
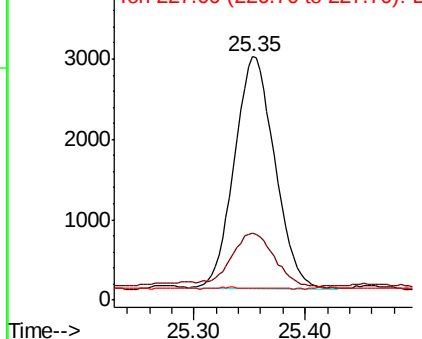


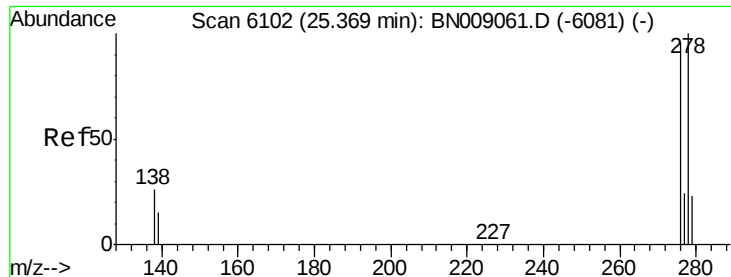
Abundance

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: 0.060 ng/u1

RT: 25.36 min Scan# 6100

Delta R.T. -0.01 min

Lab File: BN009071.D

Acq: 20 Dec 2019 16:53

Instrument :

BNA_N

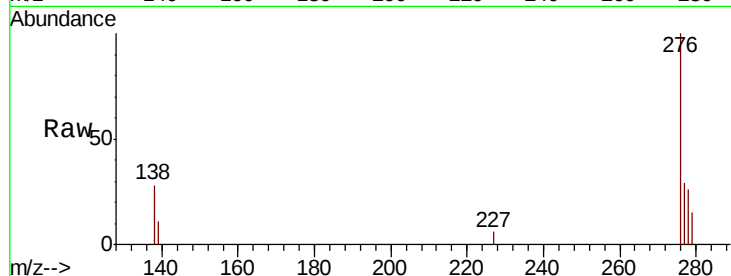
ClientSampleId :

C0BW2DL

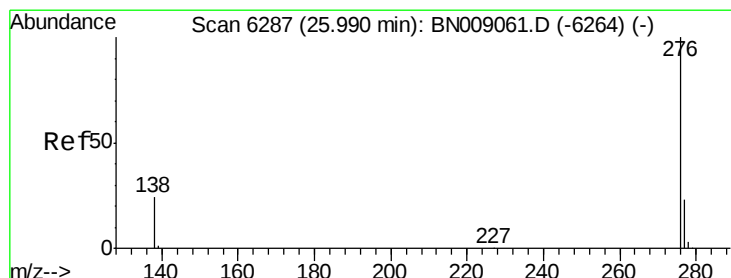
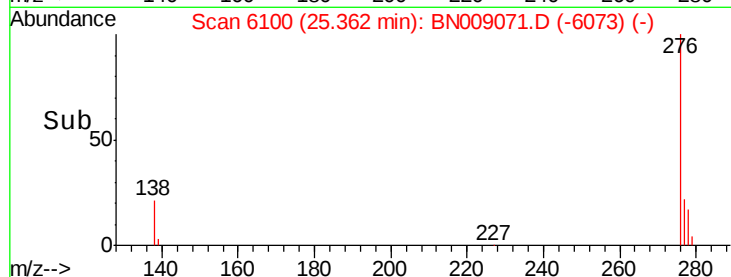
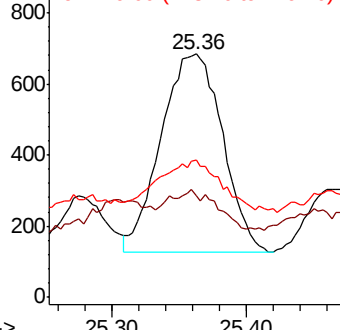
Tot Ion:	278	Resp:	1772
Ion Ratio	Lower	Upper	
278	100		
139	41.6	16.2	24.2#
279	56.2	20.3	30.5#

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.241 ng/u1

RT: 25.99 min Scan# 6288

Delta R.T. -0.00 min

Lab File: BN009071.D

Acq: 20 Dec 2019 16:53

Tgt Ion:	276	Resp:	7470
Ion Ratio	Lower	Upper	
276	100		
138	28.3	20.6	30.8
277	28.0	19.6	29.4

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

