

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
 Data File : BN009073.D
 Acq On : 20 Dec 2019 18:05
 Operator : JU
 Sample : K6171-14DL 5X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BX1DL

Manual Integrations
 APPROVED

mohammad
 12/23/2019 11:54:29 AM

Quant Time: Dec 20 23:21:13 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	4050	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	15103	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.17	164	7672	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	13732	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	8179	0.40	ng/ul	0.00
20) Perylene-d12	23.26	264	8511	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	616	0.02	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	1051	0.03	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	16.95	178	8275	0.173	ng/ul	98
13) Anthracene	17.05	178	1184	0.028	ng/ul#	86
15) Fluoranthene	18.98	202	22116	0.405	ng/ul	98
17) Pyrene	19.34	202	18605	0.446	ng/ul	98
18) Benzo(a)anthracene	21.10	228	7429	0.205	ng/ul	95
19) Chrysene	21.15	228	9340	0.256	ng/ul	96
21) Benzo(b)fluoranthene	22.63	252	12609m	0.317	ng/ul	
22) Benzo(k)fluoranthene	22.66	252	3850m	0.096	ng/ul	
23) Benzo(a)pyrene	23.16	252	7478	0.215	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.35	276	5823	0.154	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.36	278	1280	0.042	ng/ul#	33
26) Benzo(g,h,i)perylene	25.99	276	5880	0.184	ng/ul	93

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

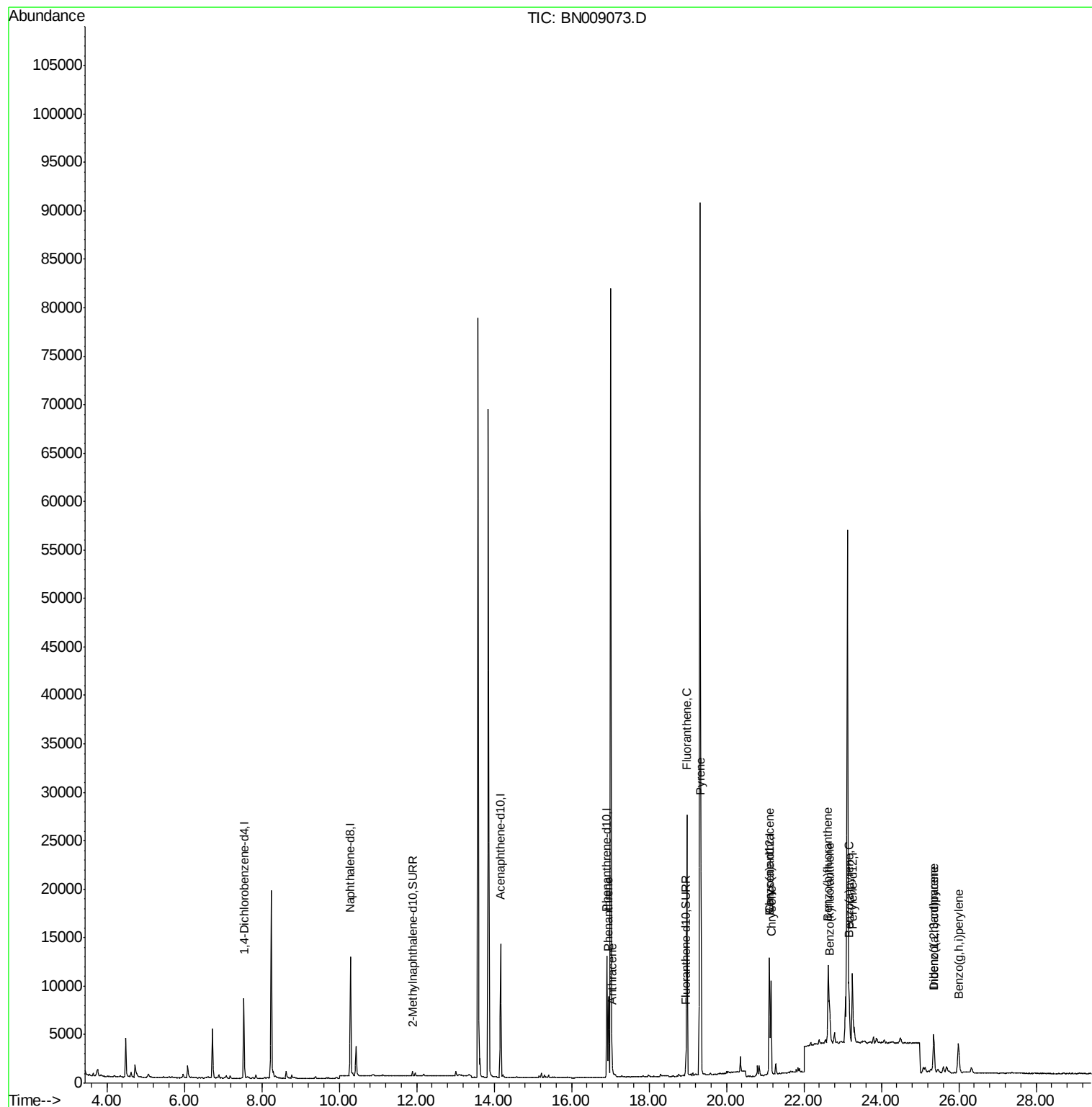
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009073.D
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Misc :
ALS Vial : 45 Sample Multiplier: 1

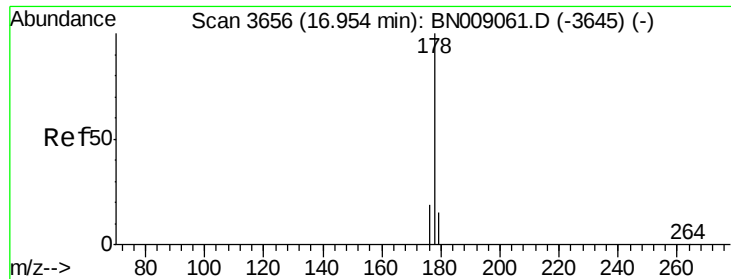
Instrument :
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C0BX1DL

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QLast Update : Fri Dec 20 22:55:30 2019
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.173 ng/ul

RT: 16.95 min Scan# 3656

Delta R.T. -0.00 min

Lab File: BN009073.D

Acq: 20 Dec 2019 18:05

Instrument :

BNA_N

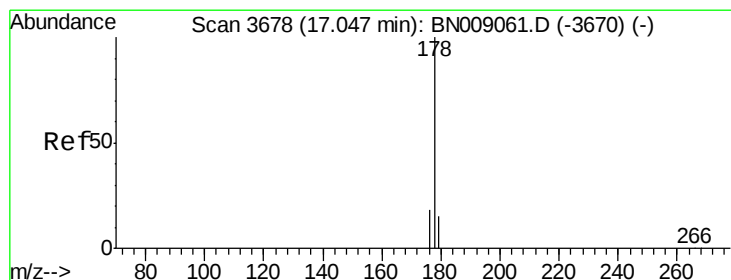
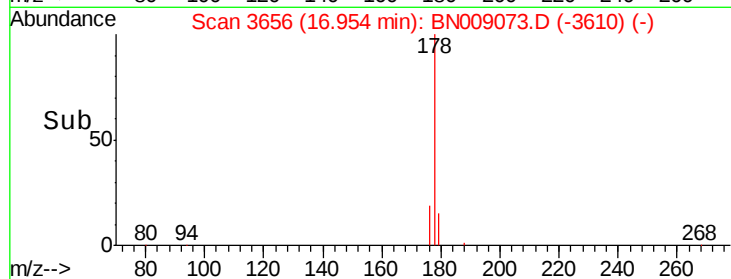
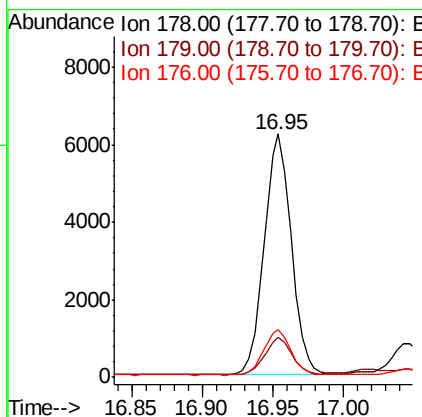
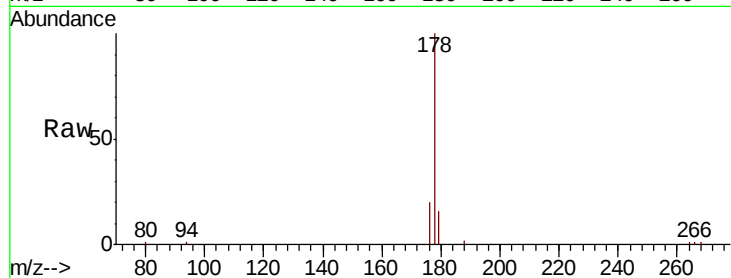
ClientSampleId :

C0BX1DL

Tot Ion:	178	Resp:	8275
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.3	18.5
176	19.6	15.1	22.7

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#13

Anthracene

Concen: 0.028 ng/ul

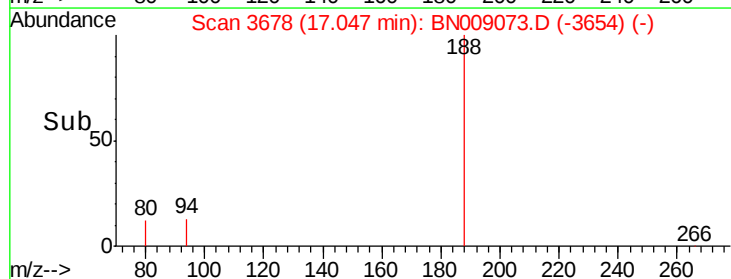
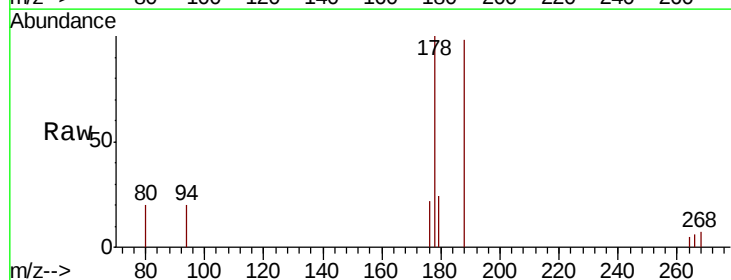
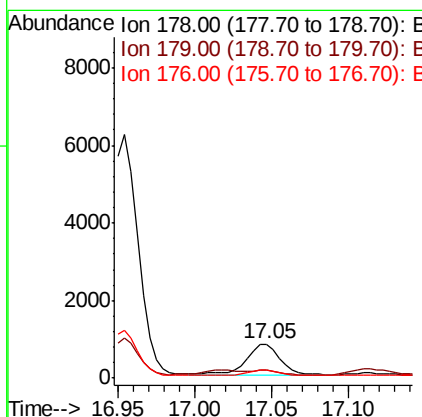
RT: 17.05 min Scan# 3678

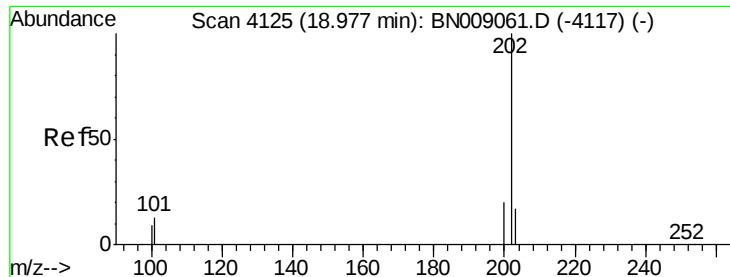
Delta R.T. 0.00 min

Lab File: BN009073.D

Acq: 20 Dec 2019 18:05

Tgt Ion:	178	Resp:	1184
Ion Ratio	Lower	Upper	
178	100		
179	23.9	12.5	18.7#
176	22.4	14.9	22.3#





#15

Fluoranthene

Concen: 0.405 ng/ul

RT: 18.98 min Scan# 4125

Delta R.T. -0.00 min

Lab File: BN009073.D

Acq: 20 Dec 2019 18:05

Instrument :

BNA_N

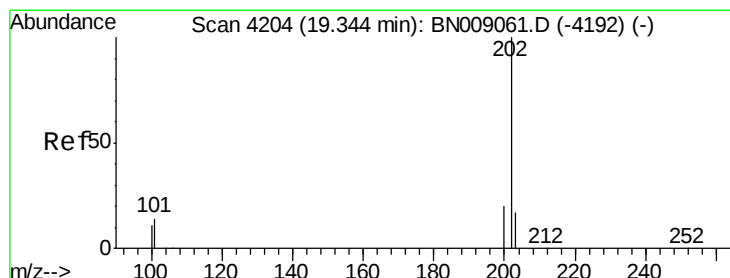
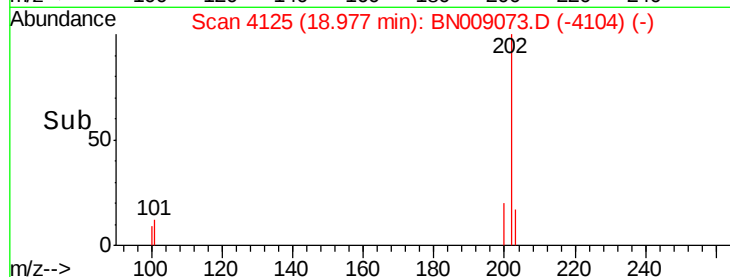
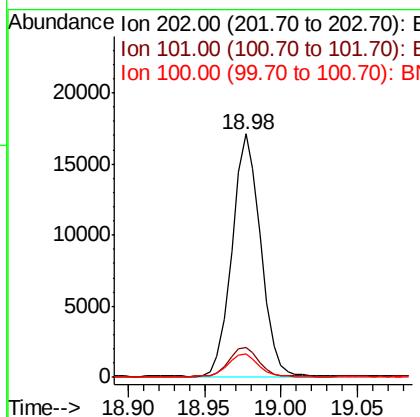
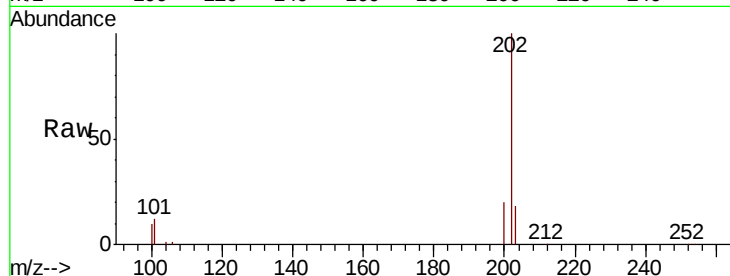
ClientSampleId :

C0BX1DL

Tot Ion:	202	Resp:	22116
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	31.5
100	9.6	0.0	28.9

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#17

Pyrene

Concen: 0.446 ng/ul

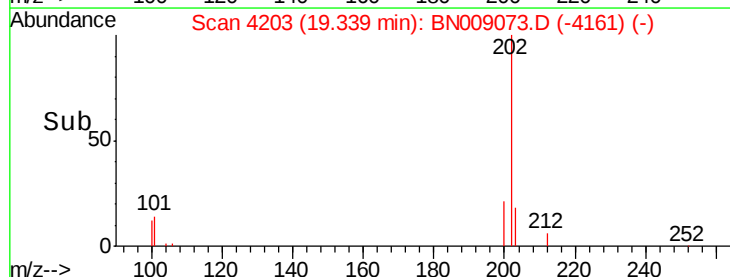
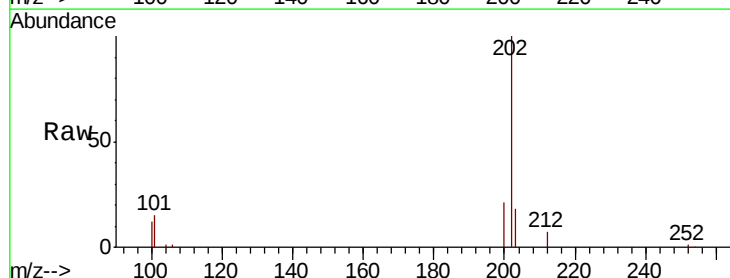
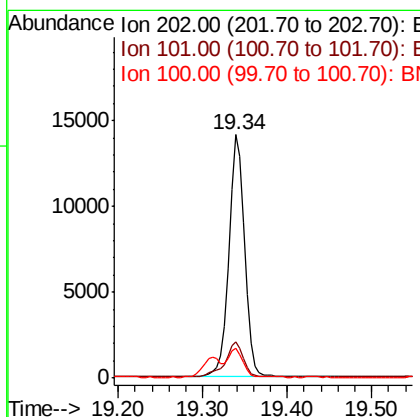
RT: 19.34 min Scan# 4203

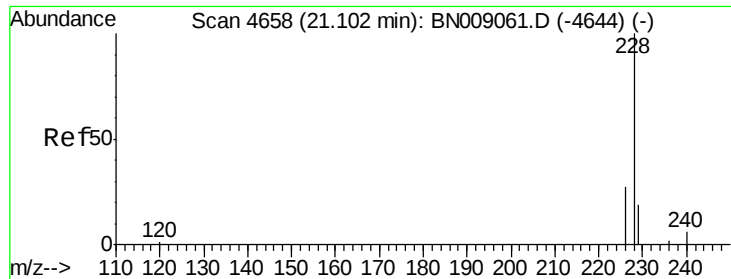
Delta R.T. -0.00 min

Lab File: BN009073.D

Acq: 20 Dec 2019 18:05

Tgt Ion:	202	Resp:	18605
Ion Ratio	Lower	Upper	
202	100		
101	14.6	10.9	16.3
100	12.1	9.0	13.6





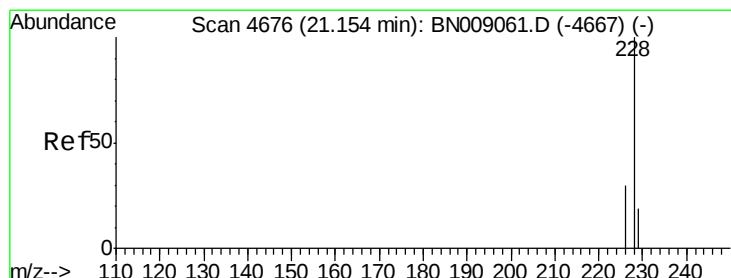
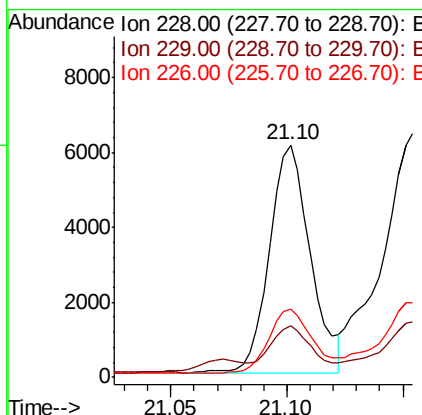
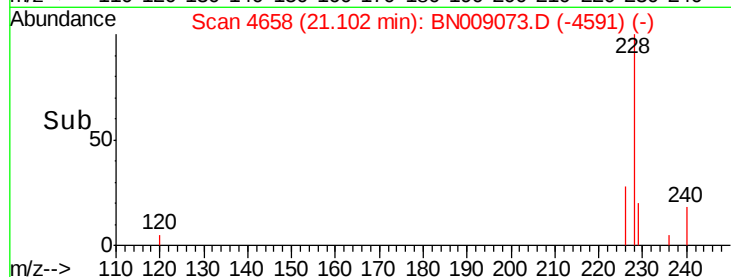
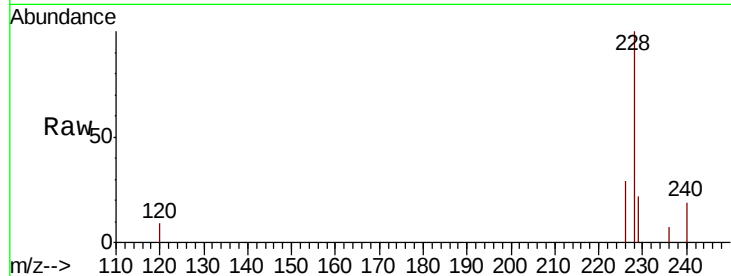
#18
Benzo(a)anthracene
Concen: 0.205 ng/ul
RT: 21.10 min Scan# 4658
Delta R.T. -0.00 min
Lab File: BN009073.D
Acq: 20 Dec 2019 18:05

Instrument :
BNA_N
ClientSampleId :
C0BX1DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.5	23.3
226	29.4	21.7	32.5

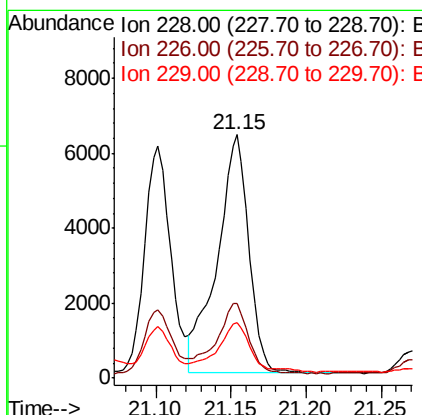
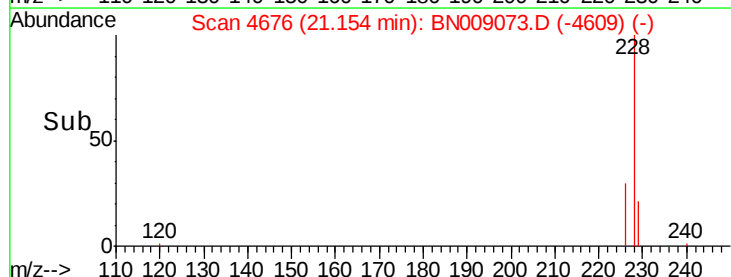
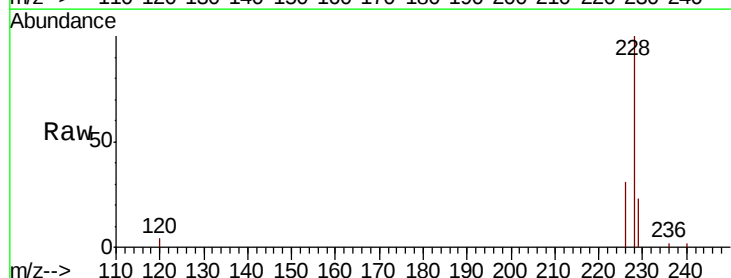
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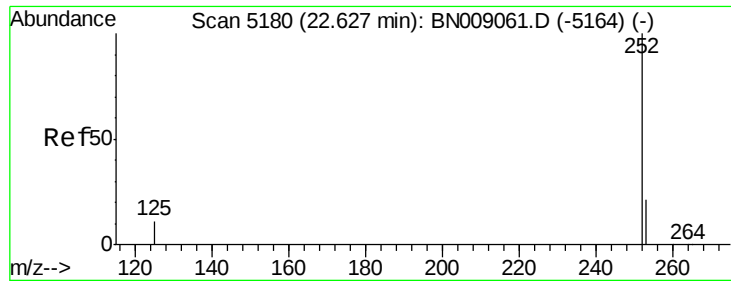
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#19
Chrysene
Concen: 0.256 ng/ul
RT: 21.15 min Scan# 4676
Delta R.T. -0.00 min
Lab File: BN009073.D
Acq: 20 Dec 2019 18:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.7	35.5
229	22.8	15.4	23.0





#21

Benzo(b)fluoranthene

Concen: 0.317 ng/ul m

RT: 22.63 min Scan# 5180

Delta R.T. 0.00 min

Lab File: BN009073.D

Acq: 20 Dec 2019 18:05

Instrument :

BNA_N

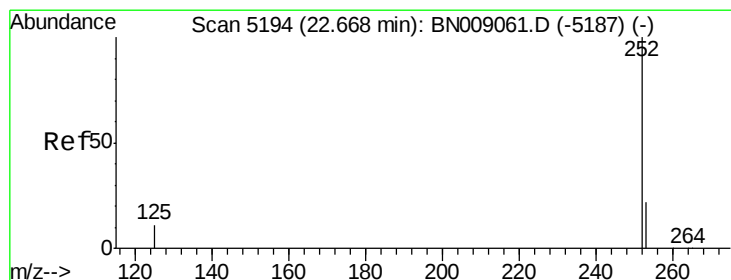
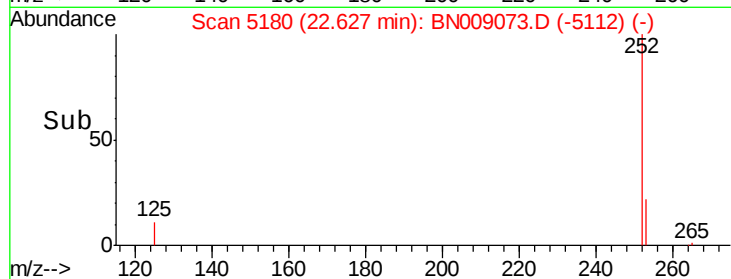
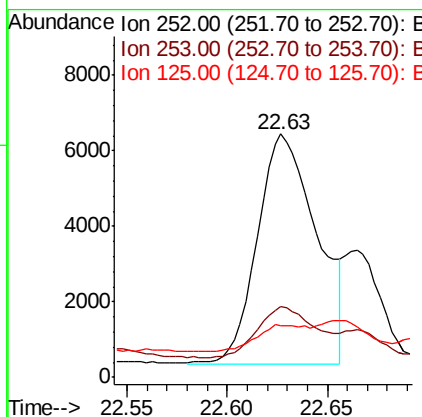
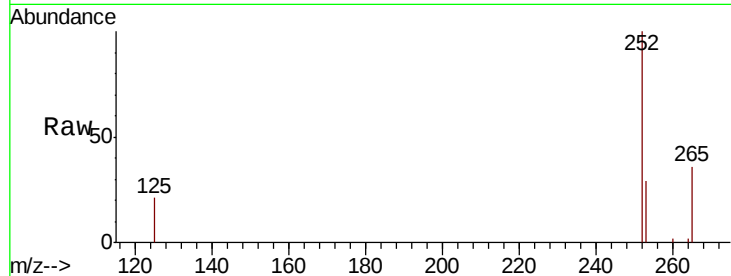
ClientSampleId :

C0BX1DL

Tot Ion:	252	Resp:	12609
Ion Ratio	Lower	Upper	
252	100		
253	29.1	0.0	48.2
125	21.0	0.0	30.0

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#22

Benzo(k)fluoranthene

Concen: 0.096 ng/ul m

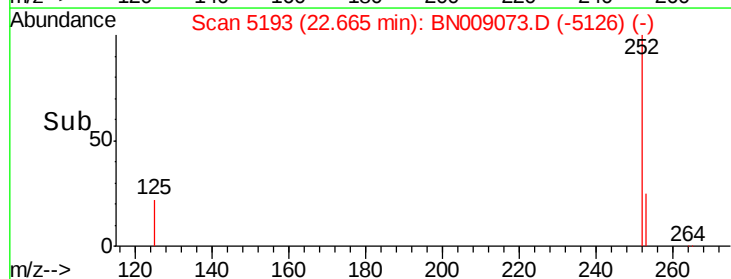
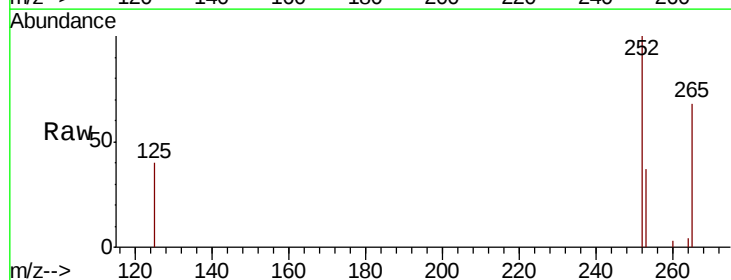
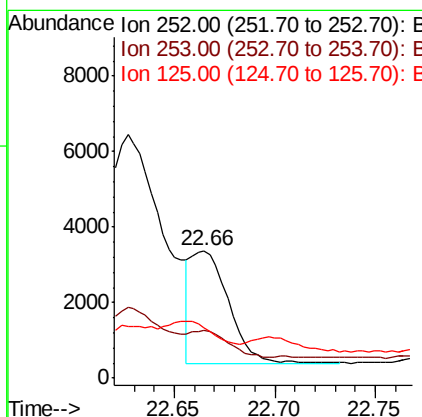
RT: 22.66 min Scan# 5193

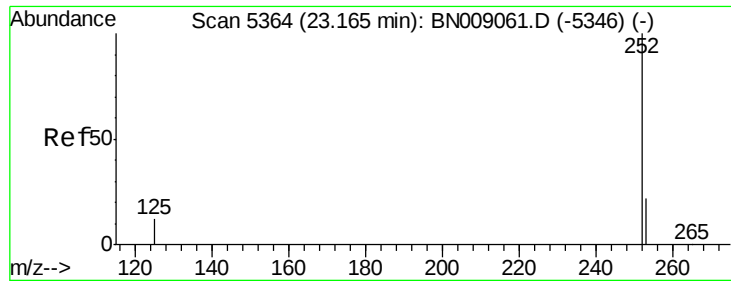
Delta R.T. -0.00 min

Lab File: BN009073.D

Acq: 20 Dec 2019 18:05

Tgt Ion:	252	Resp:	3850
Ion Ratio	Lower	Upper	
252	100		
253	37.5	19.4	29.0#
125	39.5	12.4	18.6#





#23

Benzo(a)pyrene

Concen: 0.215 ng/ul

RT: 23.16 min Scan# 5363

Delta R.T. -0.00 min

Lab File: BN009073.D

Acq: 20 Dec 2019 18:05

Instrument :

BNA_N

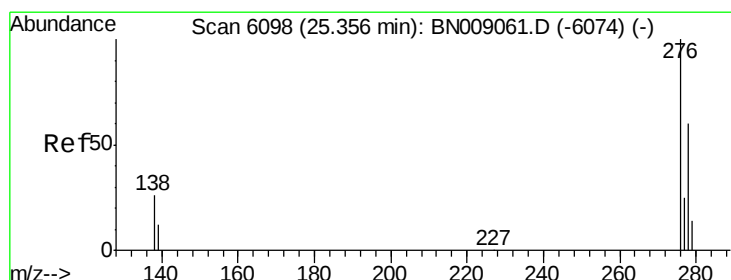
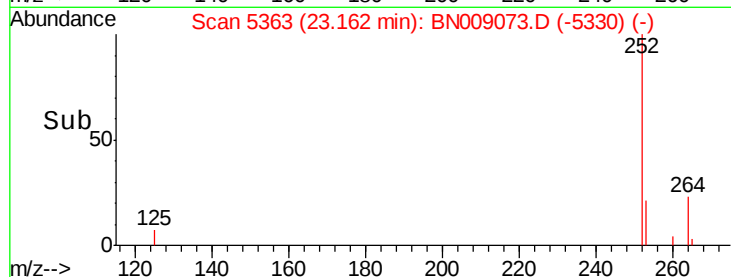
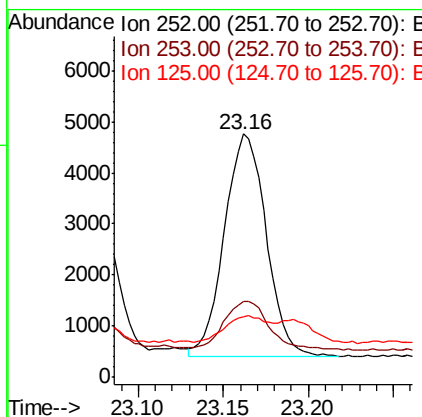
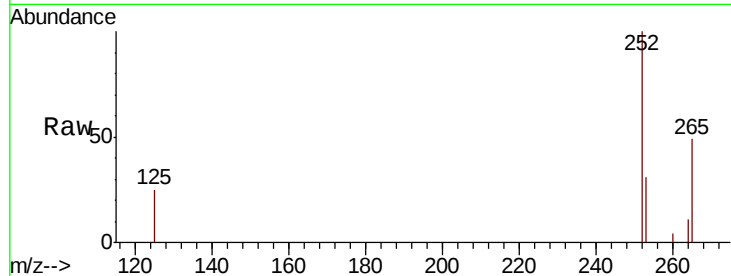
ClientSampleId :

C0BX1DL

Tot Ion:	252	Resp:	7478
Ion Ratio	Lower	Upper	
252	100		
253	31.2	20.2	30.4#
125	25.1	13.2	19.8#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.154 ng/ul

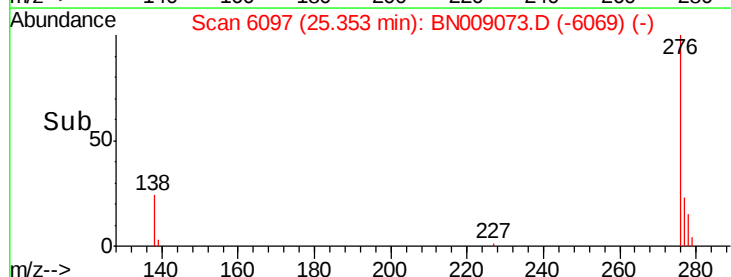
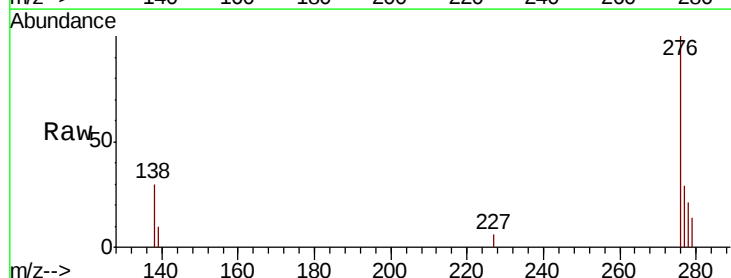
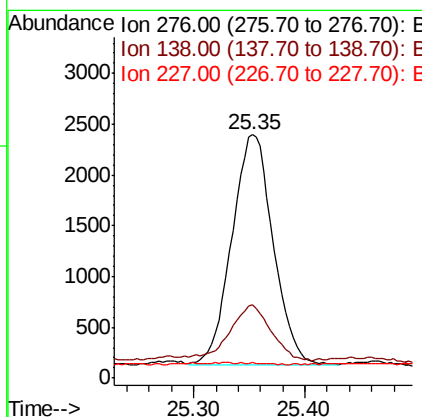
RT: 25.35 min Scan# 6097

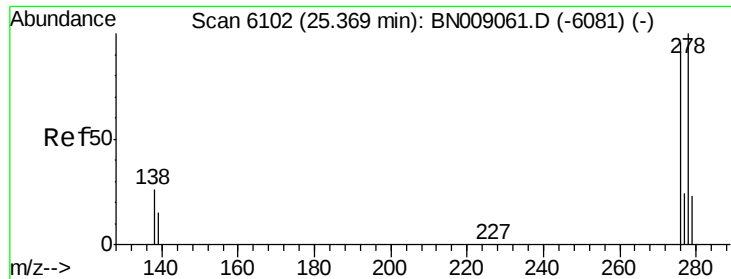
Delta R.T. -0.01 min

Lab File: BN009073.D

Acq: 20 Dec 2019 18:05

Tgt Ion:	276	Resp:	5823
Ion Ratio	Lower	Upper	
276	100		
138	24.2	22.4	33.6
227	0.1	0.2	0.4#





#25

Dibenzo(a,h)anthracene

Concen: 0.042 ng/uL

RT: 25.36 min Scan# 6100

Delta R.T. -0.01 min

Lab File: BN009073.D

Acq: 20 Dec 2019 18:05

Instrument :

BNA_N

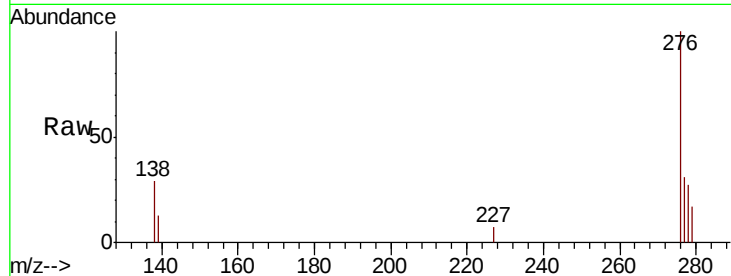
ClientSampleID :

C0BX1DL

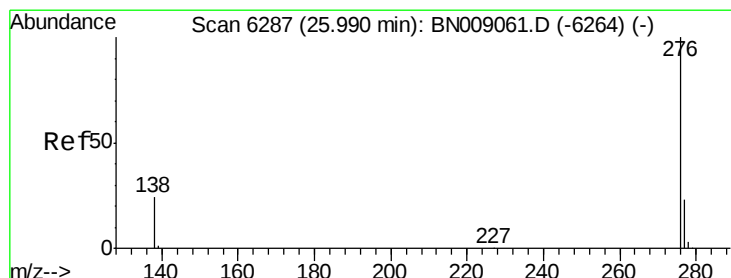
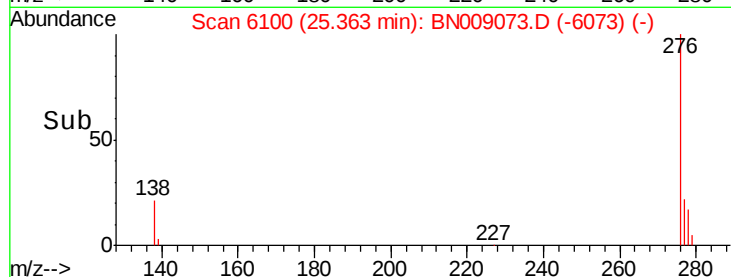
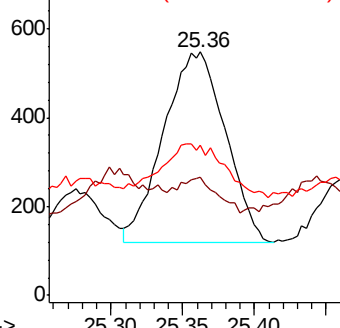
Tot Ion:	278	Resp:	1280
Ion Ratio	Lower	Upper	
278	100		
139	48.7	16.2	24.2#
279	61.5	20.3	30.5#

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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: 0.184 ng/uL

RT: 25.99 min Scan# 6288

Delta R.T. 0.00 min

Lab File: BN009073.D

Acq: 20 Dec 2019 18:05

Tgt Ion:	276	Resp:	5880
Ion Ratio	Lower	Upper	
276	100		
138	29.0	20.6	30.8
277	28.6	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

