

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
 Data File : BN007027.D
 Acq On : 08 Aug 2019 16:03
 Operator : HP/JU
 Sample : K3962-18DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ4DL

Manual Integrations
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Quant Time: Aug 08 18:15:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	8034	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	32342	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	20256	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	51070	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	40523	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	35028	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	1122	0.02	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	3104	0.02	ng/ul	0.00
Target Compounds				Qvalue		
7) Acenaphthylene	13.83	152	2496	0.021	ng/ul#	92
12) Phenanthrene	16.90	178	51294	0.315	ng/ul	100
13) Anthracene	16.99	178	8119	0.049	ng/ul	97
15) Fluoranthene	18.93	202	169202	0.836	ng/ul	98
17) Pyrene	19.29	202	149865	0.828	ng/ul	99
18) Benzo(a)anthracene	21.06	228	66523	0.374	ng/ul	98
19) Chrysene	21.11	228	80685	0.484	ng/ul	97
21) Benzo(b)fluoranthene	22.58	252	102702m	0.723	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	39313m	0.286	ng/ul	
23) Benzo(a)pyrene	23.12	252	58812	0.440	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.30	276	44077	0.306	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.32	278	10192	0.089	ng/ul#	41
26) Benzo(g,h,i)perylene	25.94	276	45596	0.377	ng/ul	99

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

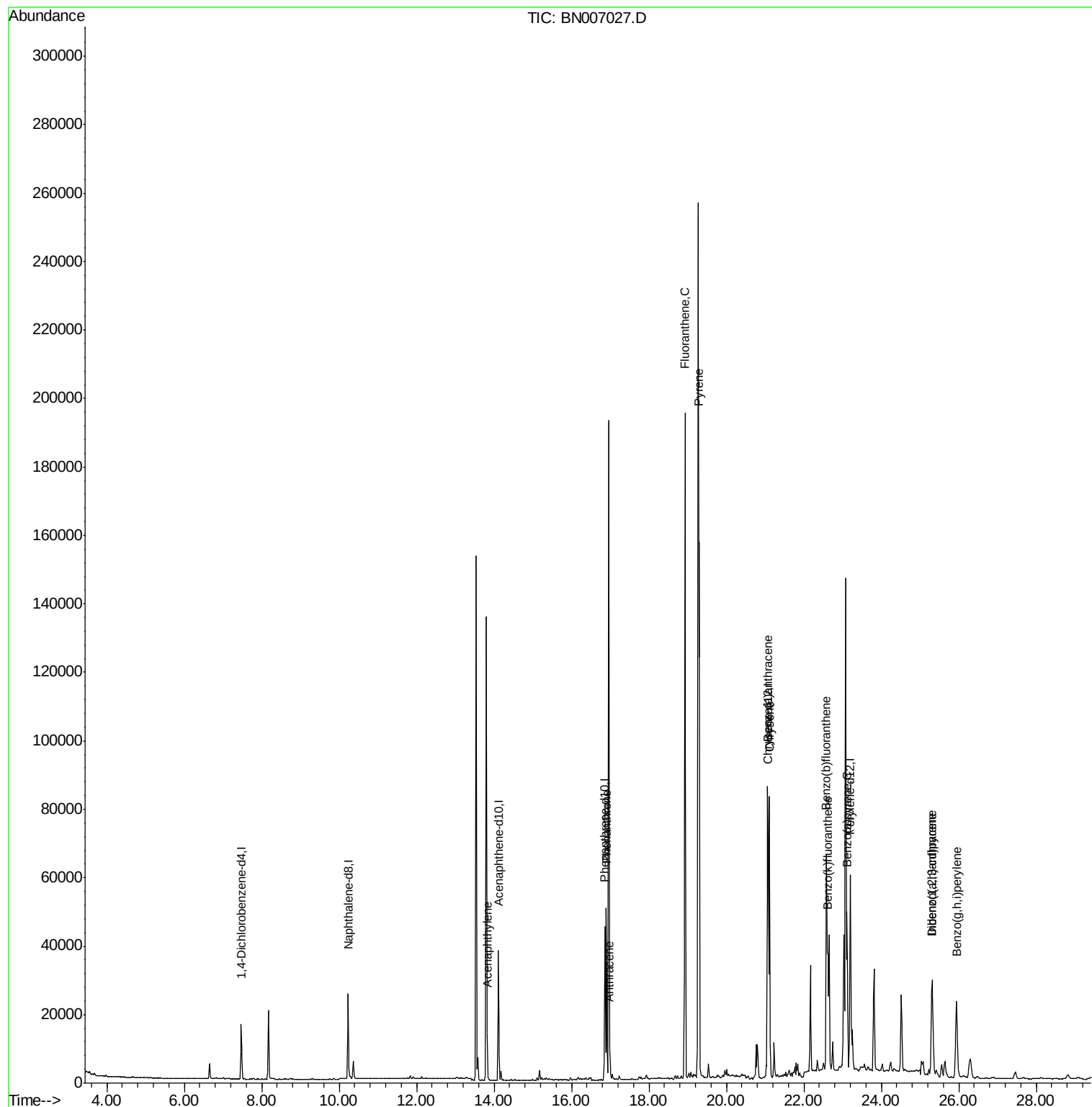
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN007027.D
Acq On : 08 Aug 2019 16:03
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Sample : K3962-18DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

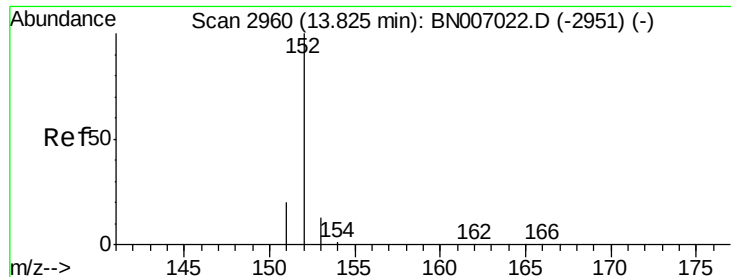
Instrument :
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BENZ4DL

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QLast Update : Wed Aug 07 17:30:08 2019
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#7

Acenaphthylene

Concen: 0.021 ng/ul

RT: 13.83 min Scan# 2961

Delta R.T. -0.00 min

Lab File: BN007027.D

Acq: 08 Aug 2019 16:03

Instrument :

BNA_N

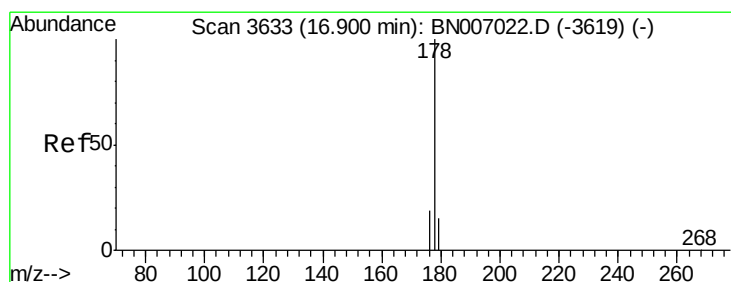
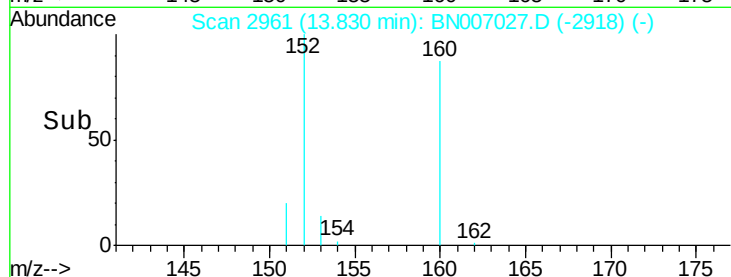
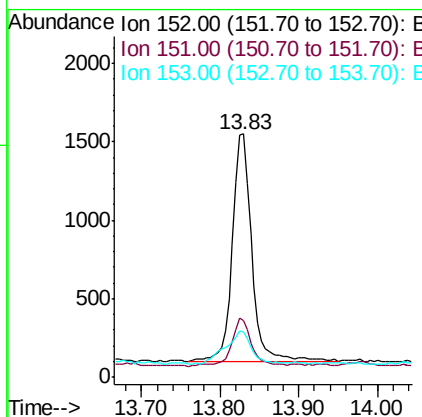
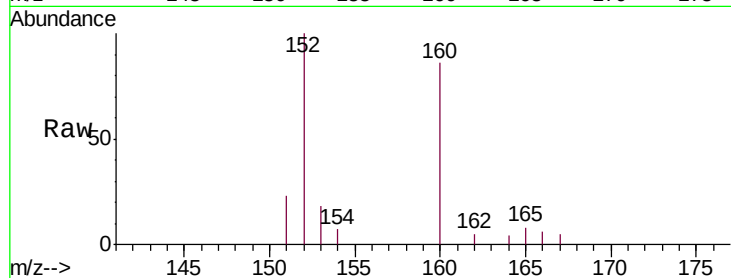
ClientSampleId :

BENZ4DL

Tgt	Ion	Ratio	Lower	Upper
152	100			
151	23.0	16.3	24.5	
153	18.4	11.0	16.4	

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#12

Phenanthrene

Concen: 0.315 ng/ul

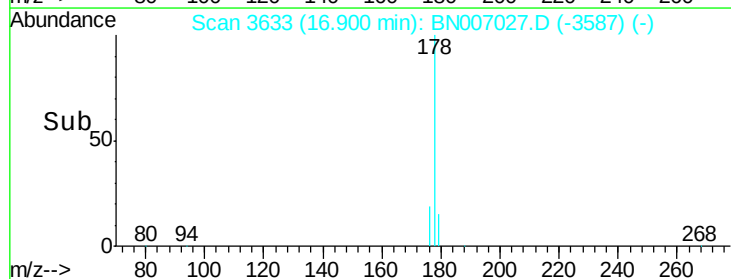
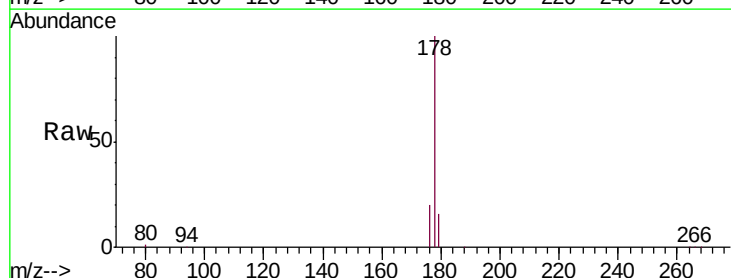
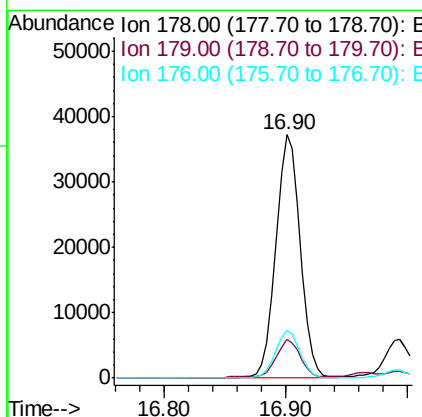
RT: 16.90 min Scan# 3633

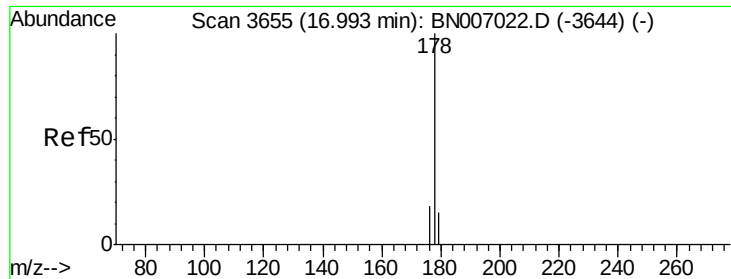
Delta R.T. -0.00 min

Lab File: BN007027.D

Acq: 08 Aug 2019 16:03

Tgt	Ion	Ratio	Lower	Upper
178	100			
179	15.7	12.5	18.7	
176	19.7	15.6	23.4	





#13

Anthracene

Concen: 0.049 ng/ul

RT: 16.99 min Scan# 3655

Delta R.T. -0.00 min

Lab File: BN007027.D

Acq: 08 Aug 2019 16:03

Instrument :

BNA_N

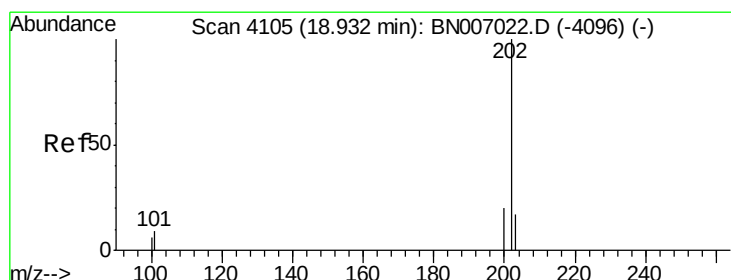
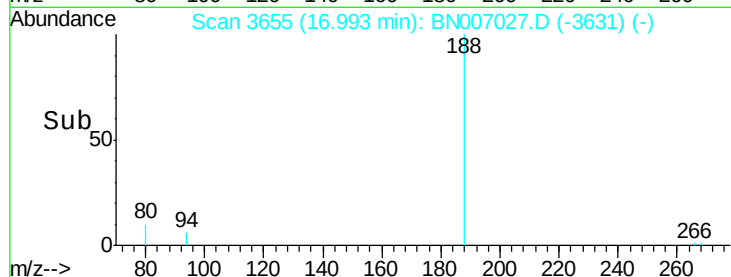
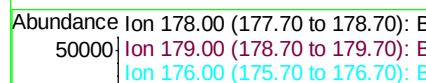
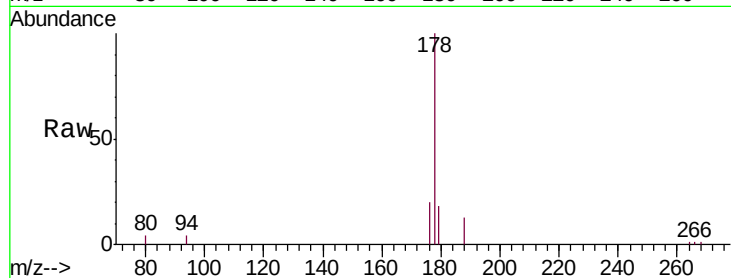
ClientSampleId :

BENZ4DL

Tgt Ion:	178	Resp:	8119
Ion Ratio	Lower	Upper	
178	100		
179	17.7	12.6	18.8
176	19.5	15.4	23.0

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#15

Fluoranthene

Concen: 0.836 ng/ul

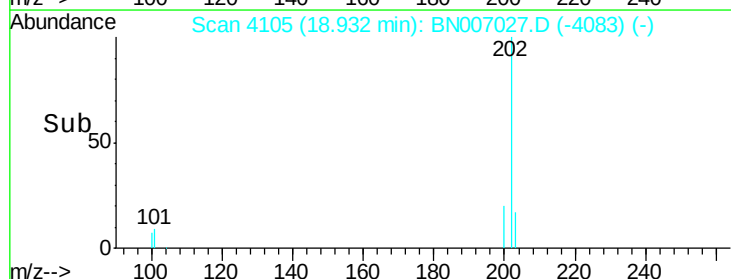
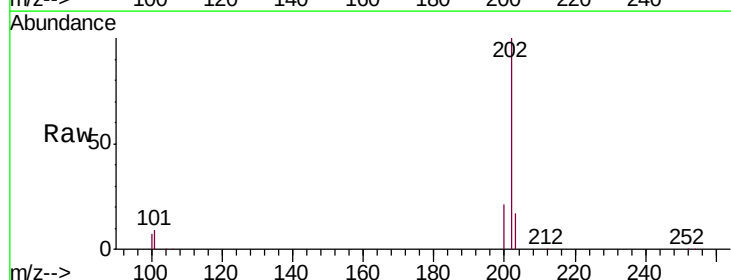
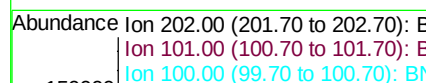
RT: 18.93 min Scan# 4105

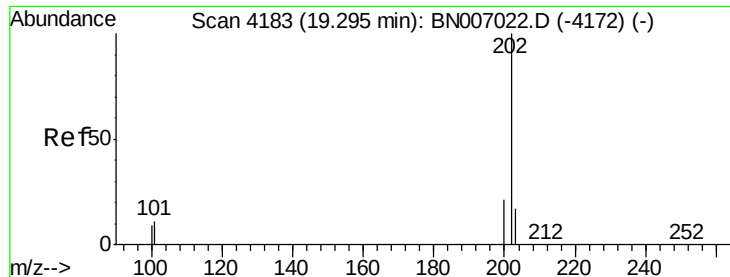
Delta R.T. -0.00 min

Lab File: BN007027.D

Acq: 08 Aug 2019 16:03

Tgt Ion:	202	Resp:	169202
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	30.0
100	6.9	0.0	27.7





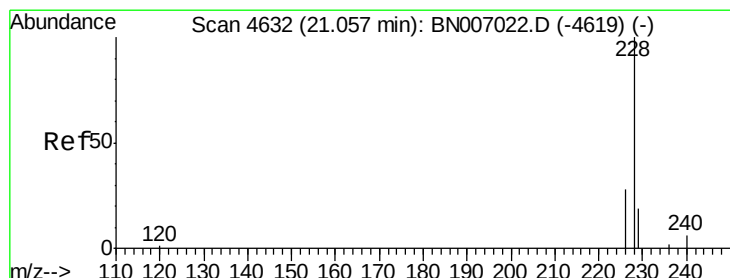
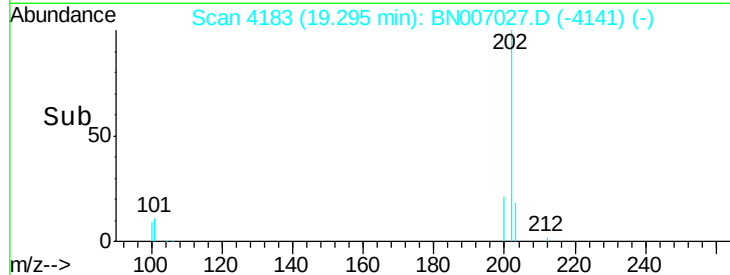
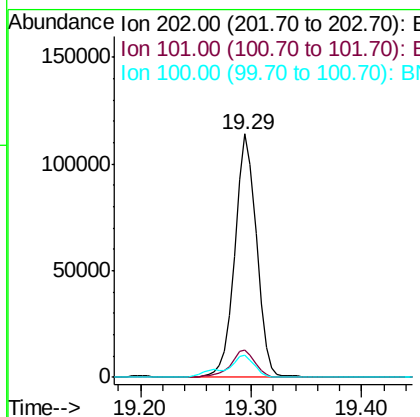
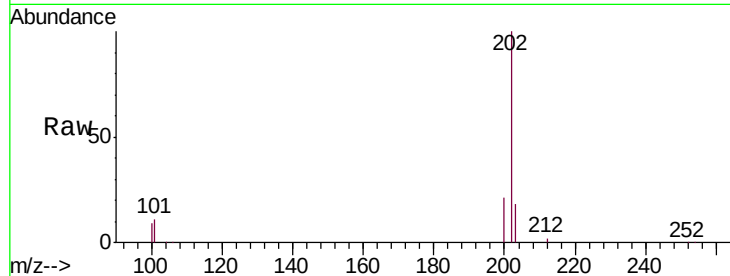
#17
 Pyrene
 Concen: 0.828 ng/ul
 RT: 19.29 min Scan# 4183
 Delta R.T. -0.00 min
 Lab File: BN007027.D
 Acq: 08 Aug 2019 16:03

Instrument :
 BNA_N
 ClientSampleId :
 BENZ4DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.4	9.3	13.9
100	8.9	7.3	10.9

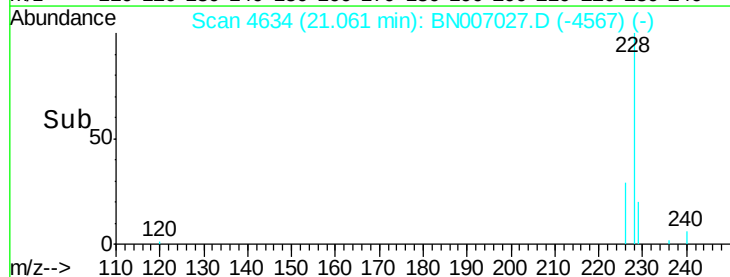
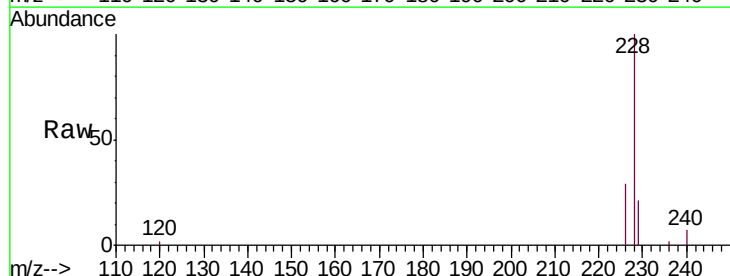
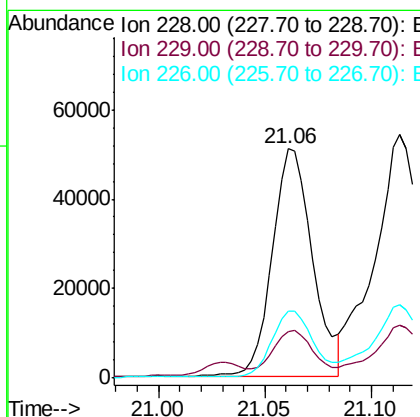
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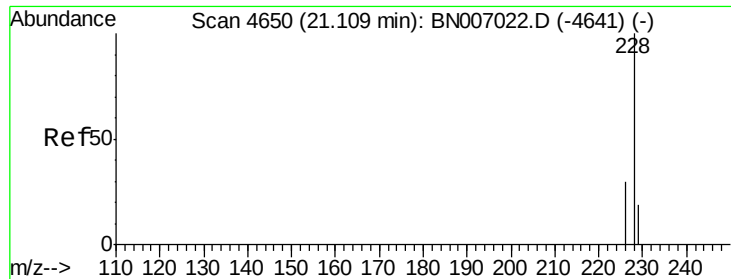
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#18
 Benzo(a)anthracene
 Concen: 0.374 ng/ul
 RT: 21.06 min Scan# 4634
 Delta R.T. -0.00 min
 Lab File: BN007027.D
 Acq: 08 Aug 2019 16:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.5	15.9	23.9
226	29.5	22.2	33.4





#19

Chrysene

Concen: 0.484 ng/ul

RT: 21.11 min Scan# 4652

Delta R.T. -0.00 min

Lab File: BN007027.D

Acq: 08 Aug 2019 16:03

Instrument :

BNA_N

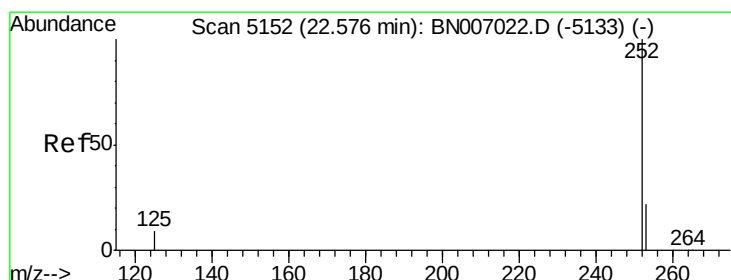
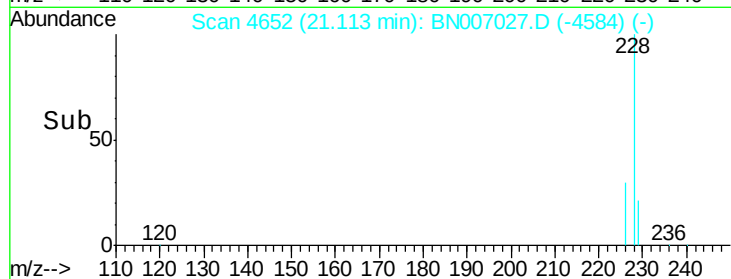
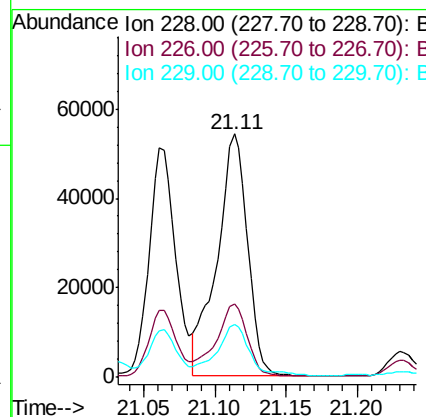
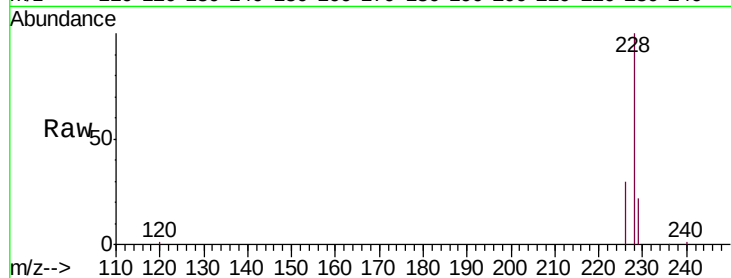
ClientSampleId :

BENZ4DL

Tgt Ion:	228	Resp:	80685
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.7	37.1
229	21.7	15.5	23.3

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#21

Benzo(b)fluoranthene

Concen: 0.723 ng/ul m

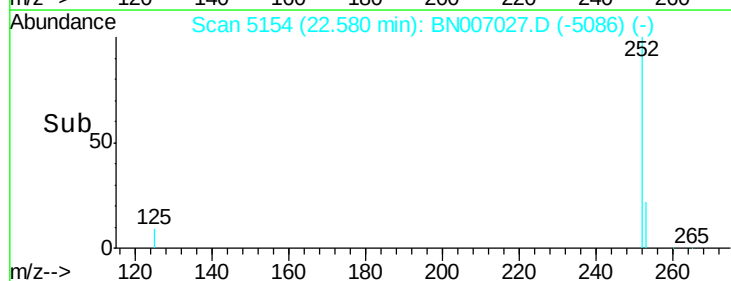
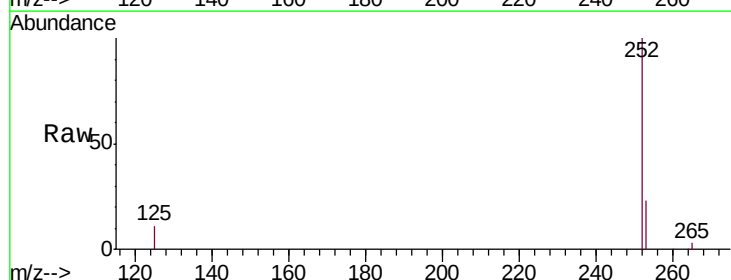
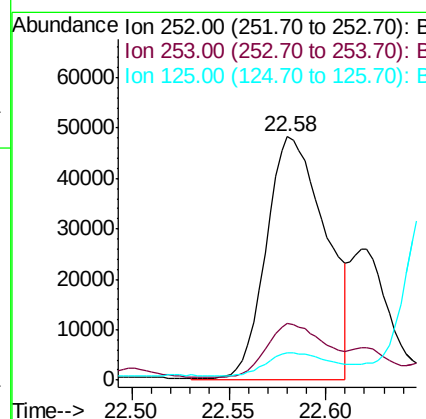
RT: 22.58 min Scan# 5154

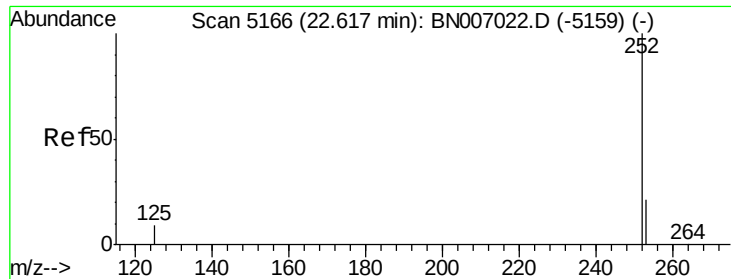
Delta R.T. -0.00 min

Lab File: BN007027.D

Acq: 08 Aug 2019 16:03

Tgt Ion:	252	Resp:	102702
Ion Ratio	Lower	Upper	
252	100		
253	23.3	0.0	45.2
125	11.2	0.0	22.2





#22

Benzo(k)fluoranthene

Concen: 0.286 ng/ul

RT: 22.62 min Scan# 5168

Delta R.T. -0.00 min

Lab File: BN007027.D

Acq: 08 Aug 2019 16:03

Instrument :

BNA_N

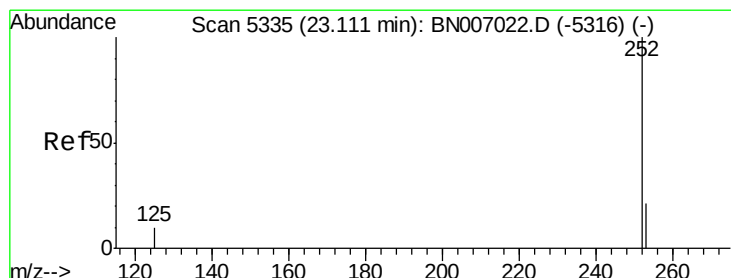
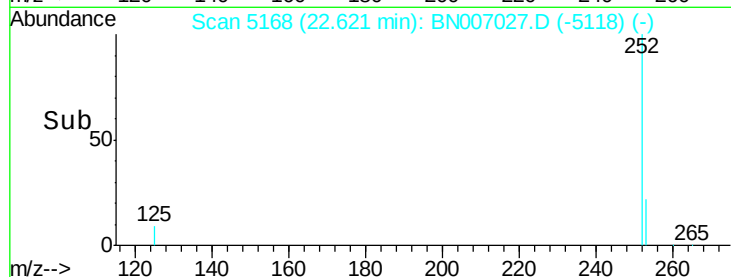
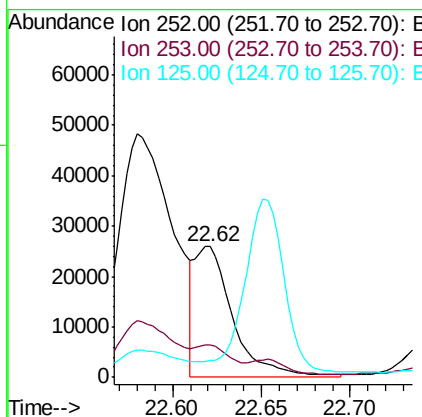
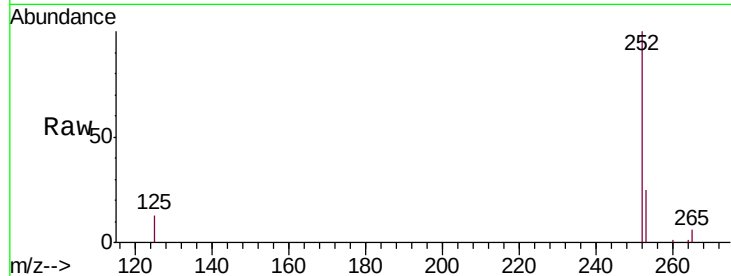
ClientSampleId :

BENZ4DL

Tgt Ion:	252	Resp:	39313
Ion Ratio	Lower	Upper	
252	100		
253	24.7	18.6	28.0
125	13.1	8.7	13.1

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#23

Benzo(a)pyrene

Concen: 0.440 ng/ul

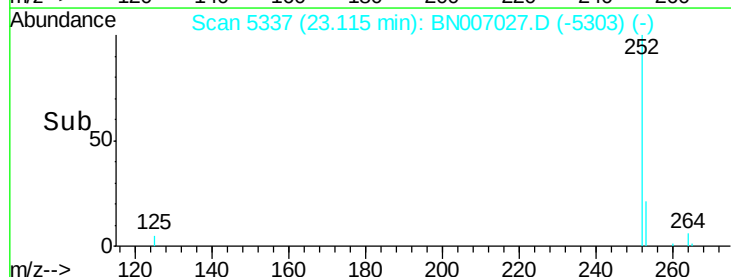
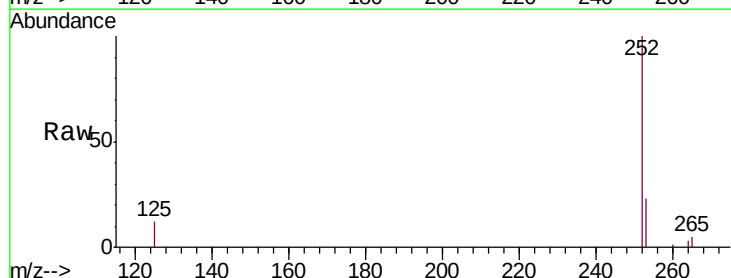
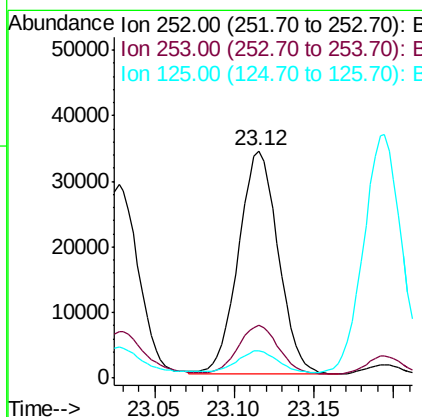
RT: 23.12 min Scan# 5337

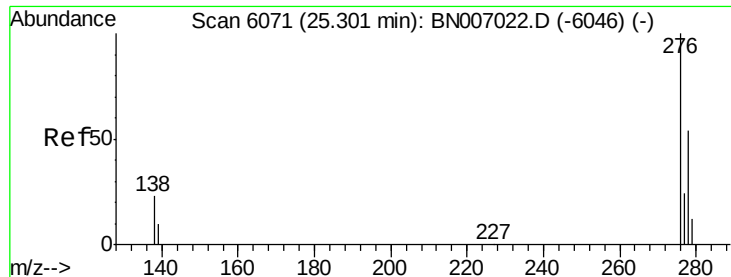
Delta R.T. -0.00 min

Lab File: BN007027.D

Acq: 08 Aug 2019 16:03

Tgt Ion:	252	Resp:	58812
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.0	27.0
125	12.1	10.0	15.0





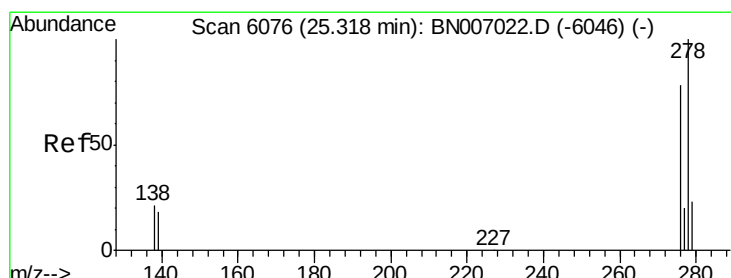
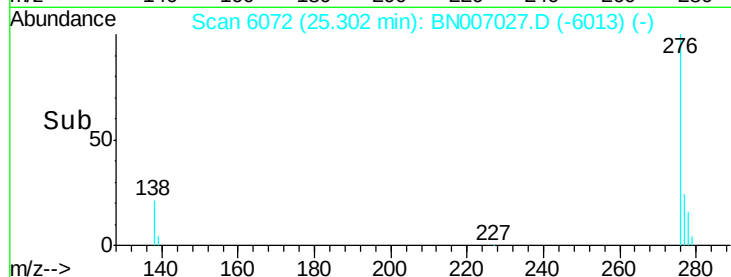
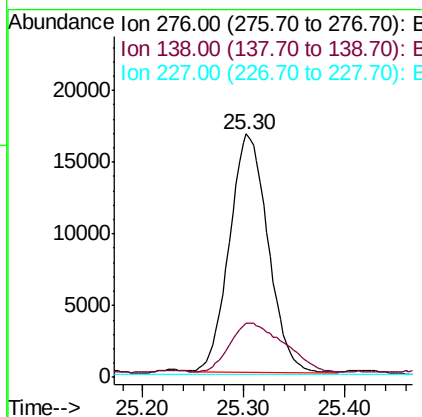
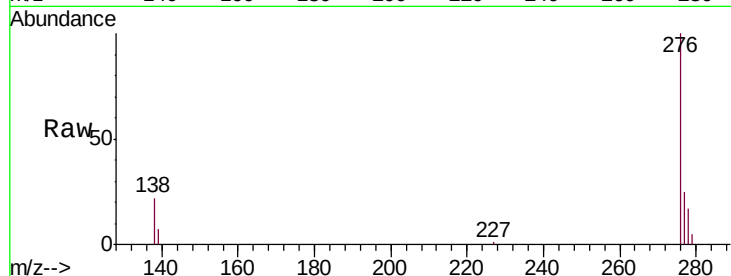
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.306 ng/ul
 RT: 25.30 min Scan# 6072
 Delta R.T. -0.00 min
 Lab File: BN007027.D
 Acq: 08 Aug 2019 16:03

Instrument :
 BNA_N
 ClientSampleId :
 BENZ4DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.8	19.9	29.9
227	0.0	0.2	0.4

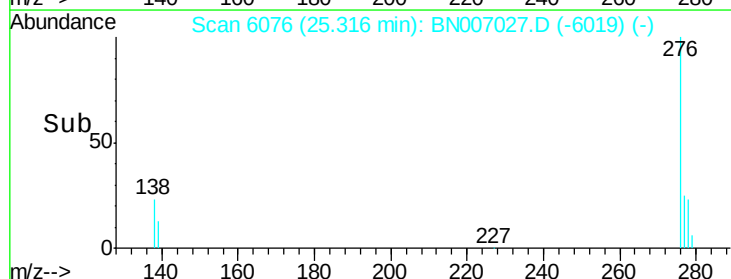
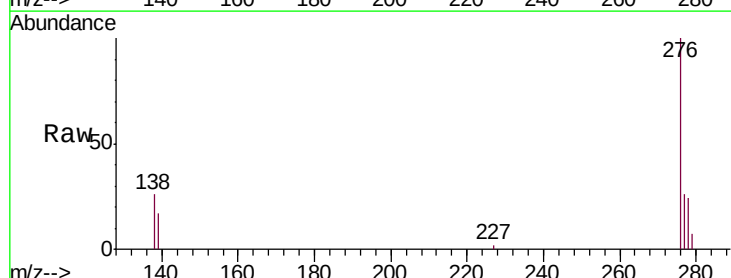
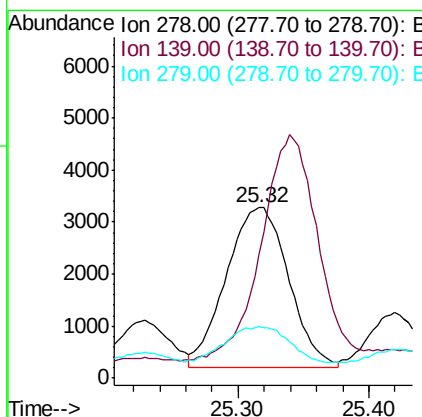
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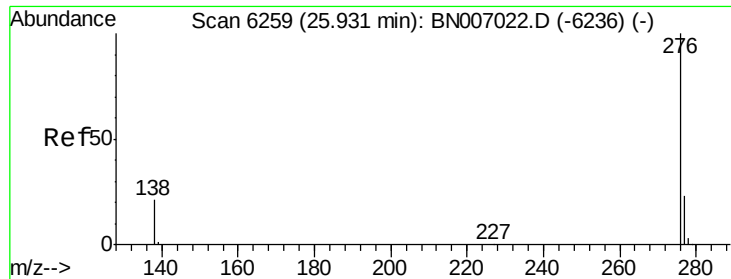
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.089 ng/ul
 RT: 25.32 min Scan# 6076
 Delta R.T. -0.01 min
 Lab File: BN007027.D
 Acq: 08 Aug 2019 16:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	72.4	14.3	21.5
279	30.4	19.6	29.4





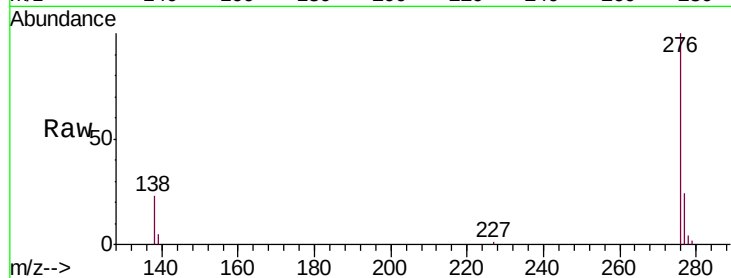
#26
 Benzo(g,h,i)perylene
 Concen: 0.377 ng/ul
 RT: 25.94 min Scan# 6263
 Delta R.T. 0.01 min
 Lab File: BN007027.D
 Acq: 08 Aug 2019 16:03

Instrument :
 BNA_N
 ClientSampleId :
 BENZ4DL

Tgt Ion:	276	Resp:	45596
Ion Ratio		Lower	Upper
276	100		
138	23.0	18.7	28.1
277	24.4	19.3	28.9

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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

