

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121818\
 Data File : BN004072.D
 Acq On : 18 Dec 2018 12:36
 Operator : JU/SJ
 Sample : J6236-12DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E22DL

Manual Integrations
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Quant Time: Dec 19 02:53:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 01:54:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1641	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8145	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4931	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	12390	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	13572	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	12743	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	506	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	1594	0.04	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.19	152	13634	0.614	ng/ul	99
12) Phenanthrene	17.26	178	3147	0.077	ng/ul	95
13) Anthracene	17.35	178	12789	0.383	ng/ul	100
15) Fluoranthene	19.28	202	57585	1.199	ng/ul	98
17) Pyrene	19.64	202	66792	1.372	ng/ul	96
18) Benzo(a)anthracene	21.39	228	44122	1.029	ng/ul	97
19) Chrysene	21.44	228	44046	0.898	ng/ul	97
21) Benzo(b)fluoranthene	23.02	252	79295m	1.504	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	27218m	0.530	ng/ul	
23) Benzo(a)pyrene	23.62	252	35243	0.772	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	26.09	276	34294	0.655	ng/ul	94
25) Dibenzo(a,h)anthracene	26.09	278	8141m	0.193	ng/ul	
26) Benzo(g,h,i)perylene	26.82	276	28132	0.618	ng/ul	97

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

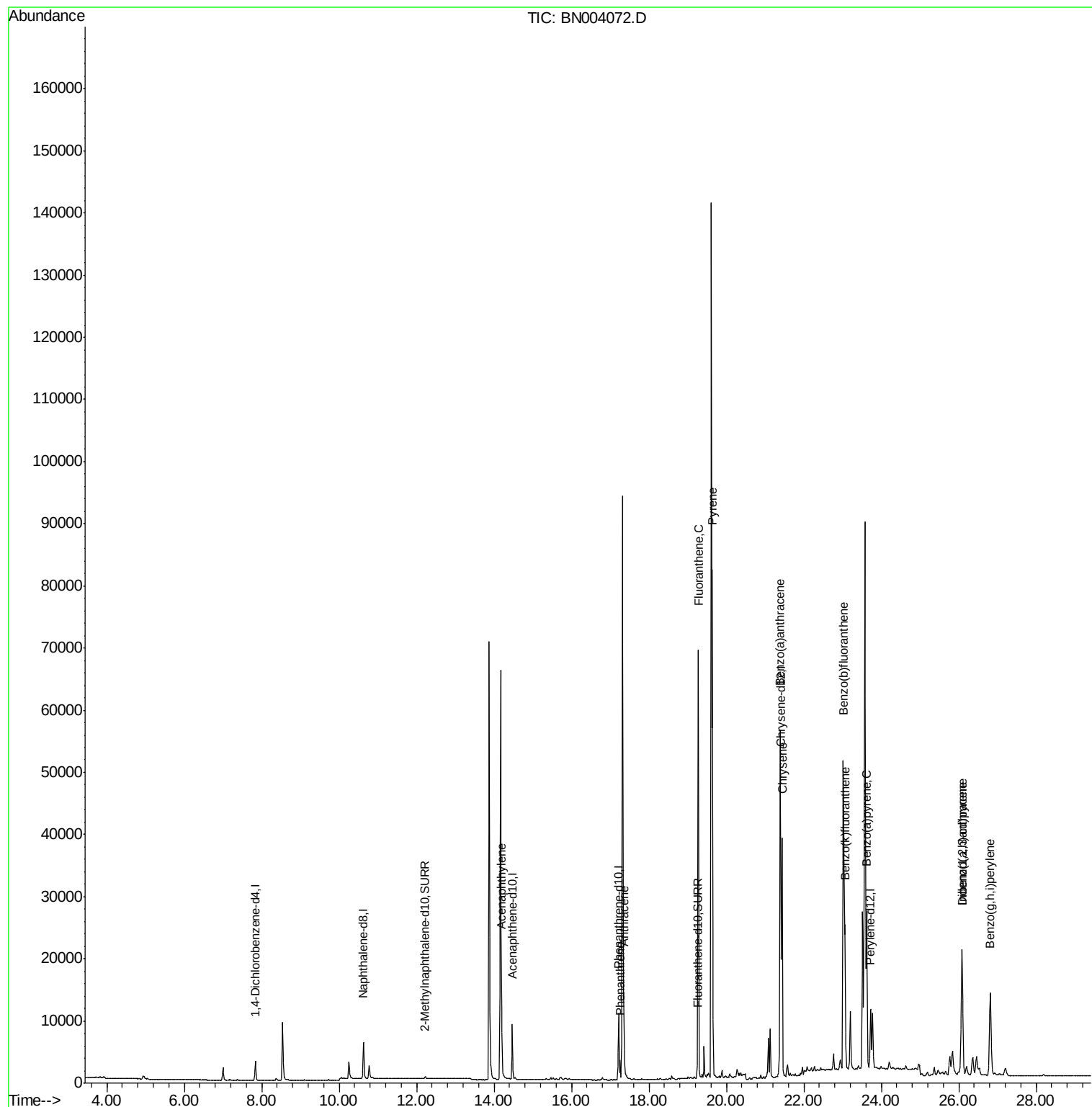
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121818\
Data File : BN004072.D
Acq On : 18 Dec 2018 12:36
Operator : JU/SJ
Sample : J6236-12DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

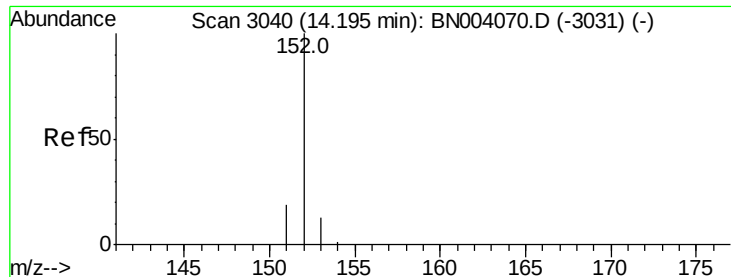
Instrument :
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Quant Time: Dec 19 02:53:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 01:54:36 2018
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#7

Acenaphthylene

Concen: 0.614 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. -0.00 min

Lab File: BN004072.D

Acq: 18 Dec 2018 12:36

Instrument :

BNA_N

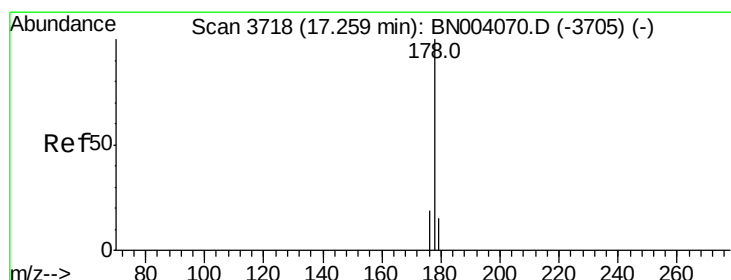
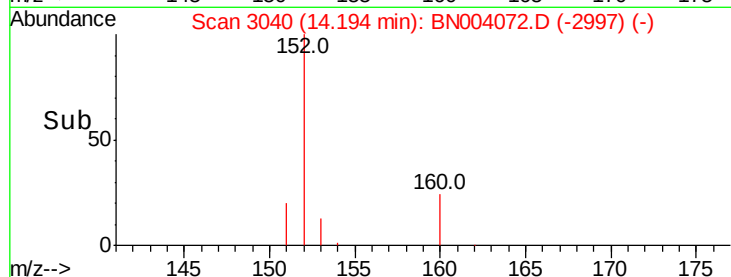
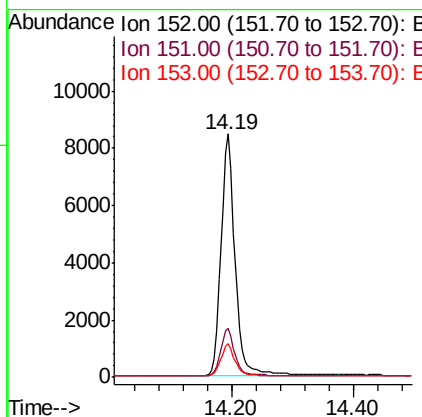
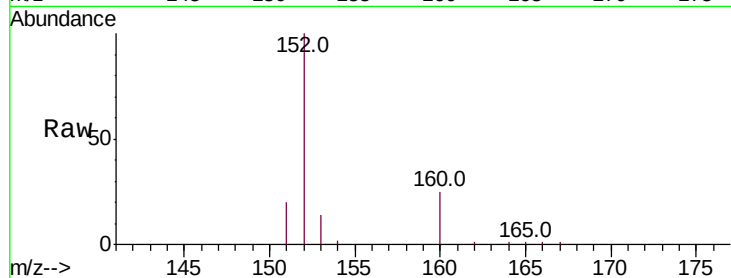
ClientSampleId :

F9E22DL

Tot Ion:	152	Resp:	13634
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.9	23.9
153	13.6	10.7	16.1

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#12

Phenanthrene

Concen: 0.077 ng/ul

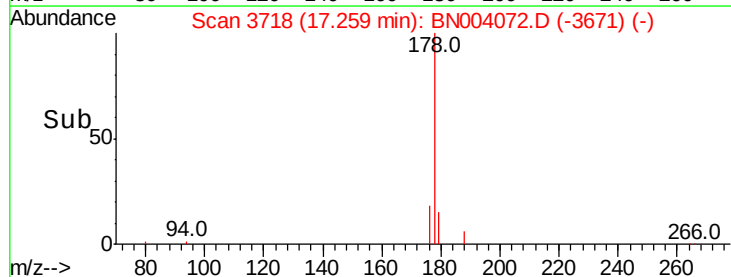
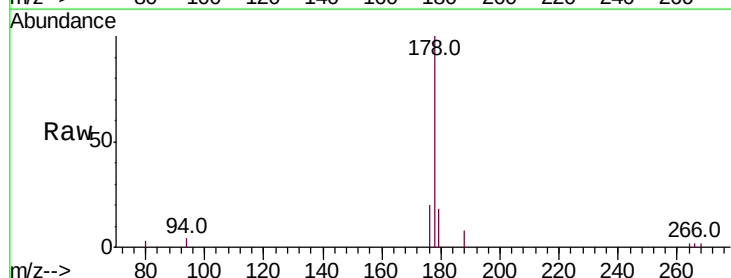
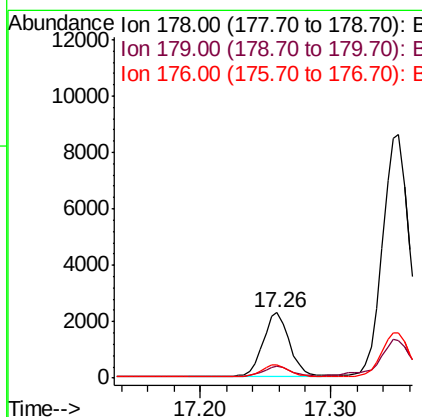
RT: 17.26 min Scan# 3718

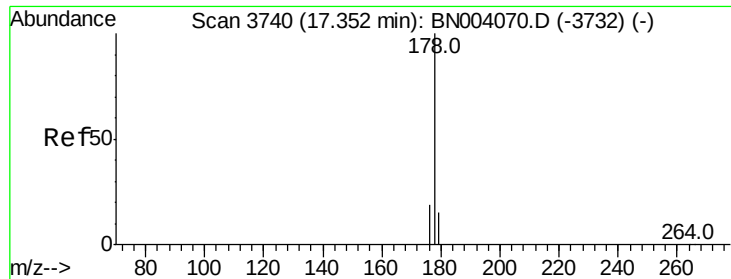
Delta R.T. -0.00 min

Lab File: BN004072.D

Acq: 18 Dec 2018 12:36

Tgt Ion:	178	Resp:	3147
Ion Ratio	Lower	Upper	
178	100		
179	17.9	12.5	18.7
176	20.4	15.0	22.4





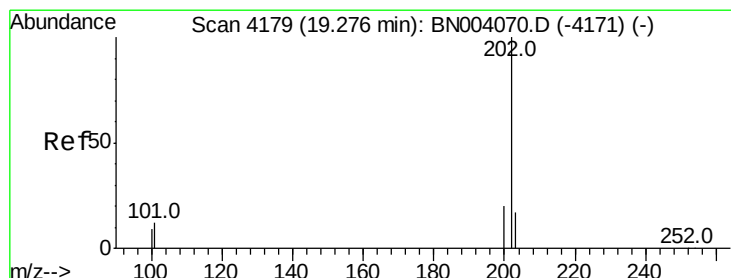
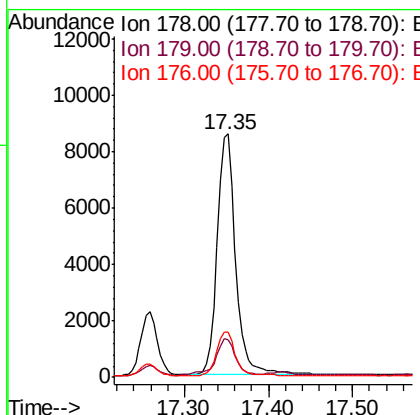
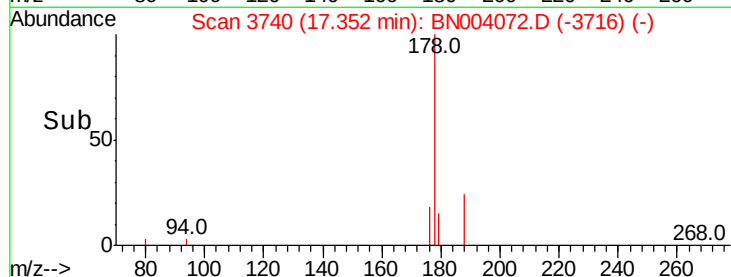
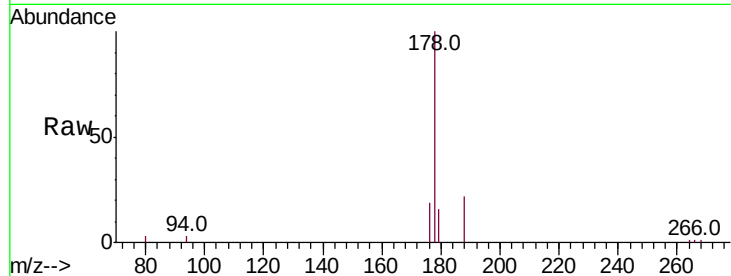
#13
 Anthracene
 Concen: 0.383 ng/ul
 RT: 17.35 min Scan# 3740
 Delta R.T. -0.00 min
 Lab File: BN004072.D
 Acq: 18 Dec 2018 12:36

Instrument :
 BNA_N
 ClientSampled :
 F9E22DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.5	14.8	22.2

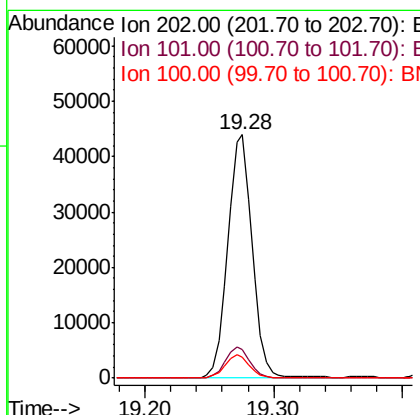
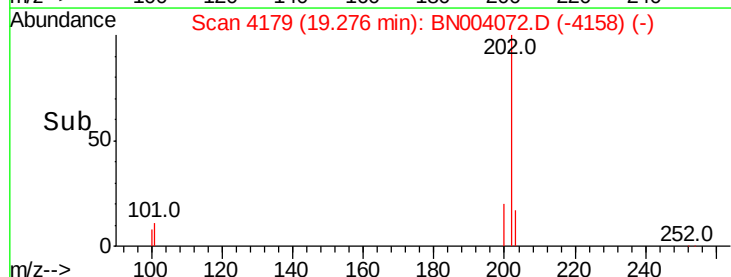
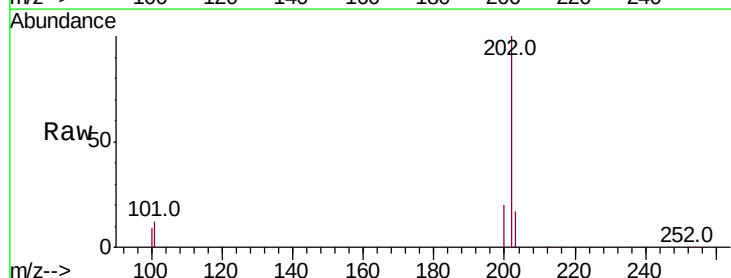
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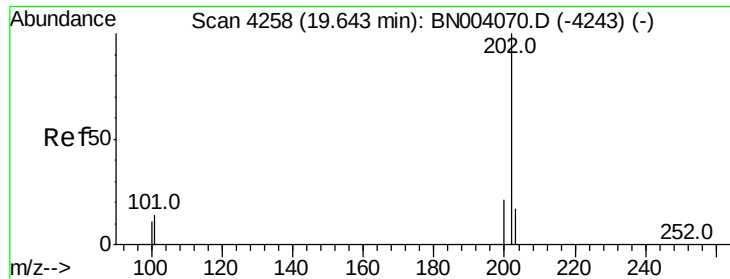
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#15
 Fluoranthene
 Concen: 1.199 ng/ul
 RT: 19.28 min Scan# 4179
 Delta R.T. -0.00 min
 Lab File: BN004072.D
 Acq: 18 Dec 2018 12:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.7
100	8.5	0.0	28.1





#17

Pvrene

Concen: 1.372 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. -0.01 min

Lab File: BN004072.D

Acq: 18 Dec 2018 12:36

Instrument :

BNA_N

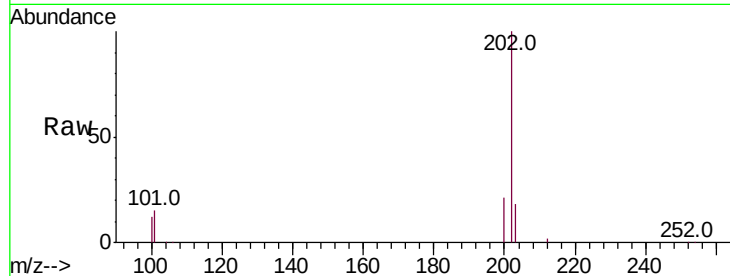
ClientSampleId :

F9E22DL

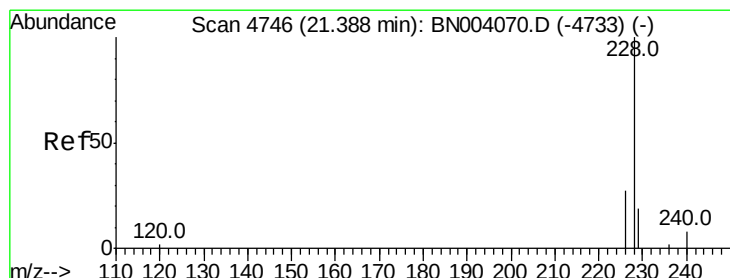
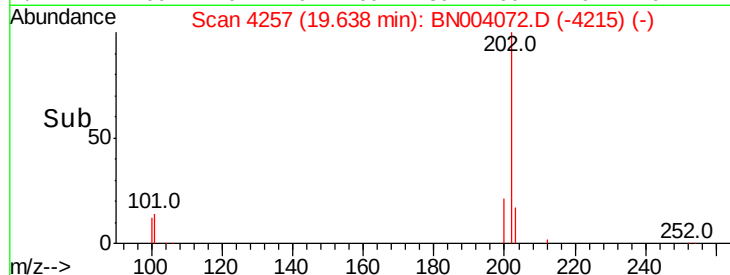
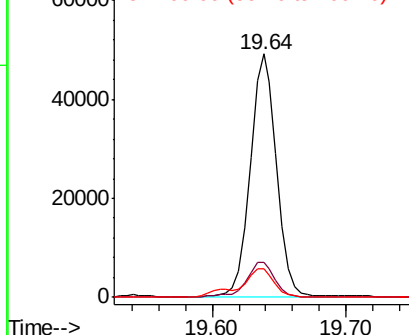
Tot Ion:	202	Resp:	66792
Ion Ratio	Lower	Upper	
202	100		
101	14.5	10.3	15.5
100	11.8	8.5	12.7

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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



#18

Benzo(a)anthracene

Concen: 1.029 ng/ul

RT: 21.39 min Scan# 4745

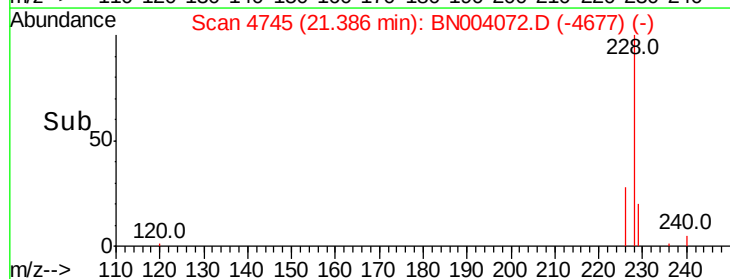
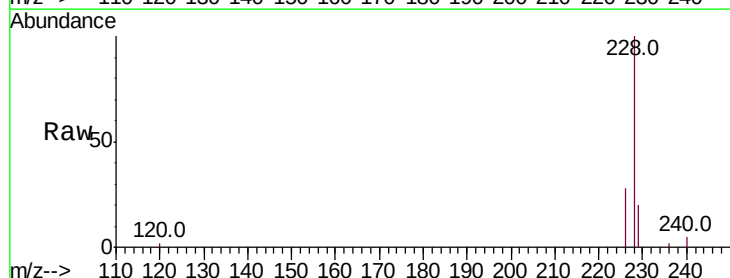
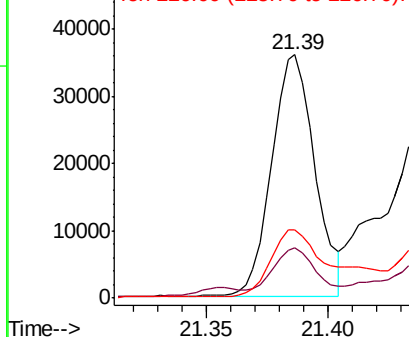
Delta R.T. -0.00 min

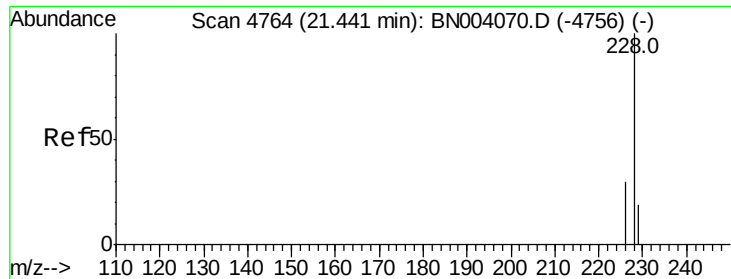
Lab File: BN004072.D

Acq: 18 Dec 2018 12:36

Tgt Ion:	228	Resp:	44122
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.6	23.4
226	28.3	21.1	31.7

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.898 ng/ul

RT: 21.44 min Scan# 4763

Delta R.T. -0.00 min

Lab File: BN004072.D

Acq: 18 Dec 2018 12:36

Instrument :

BNA_N

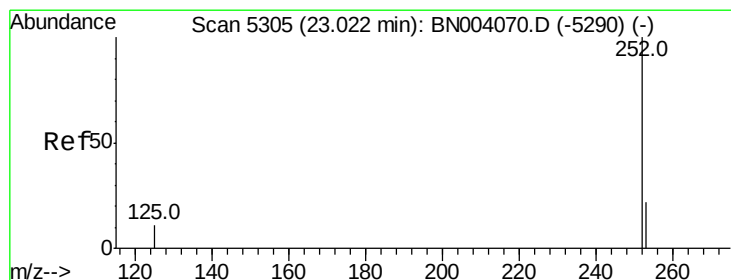
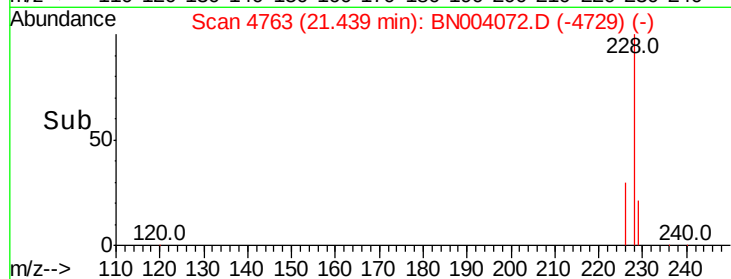
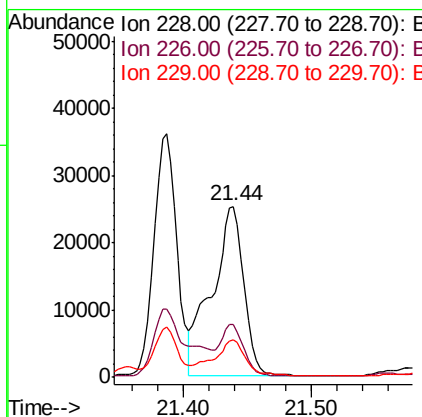
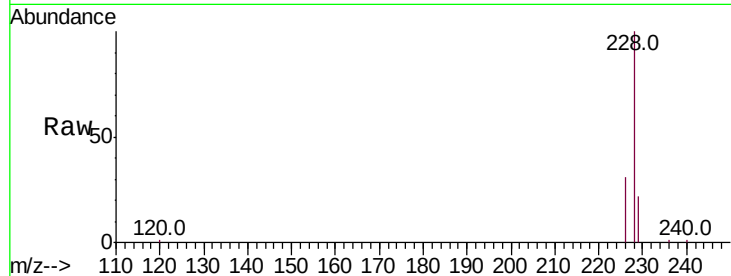
ClientSampleId :

F9E22DL

Tot Ion:228	Resp:	44046
Ion Ratio	Lower	Upper
228 100		
226 30.7	24.0	36.0
229 22.2	15.7	23.5

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#21

Benzo(b)fluoranthene

Concen: 1.504 ng/ul m

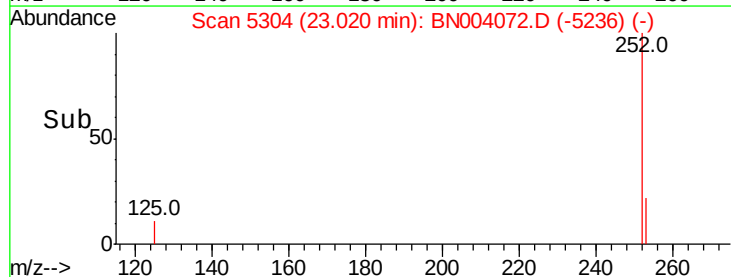
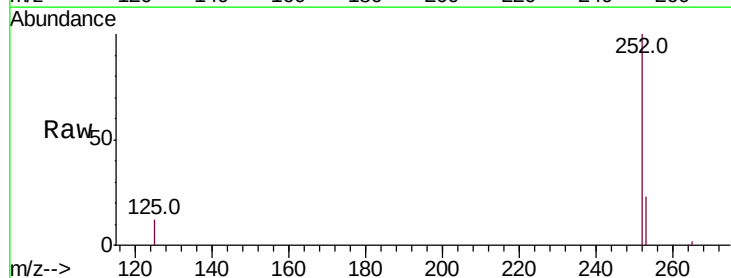
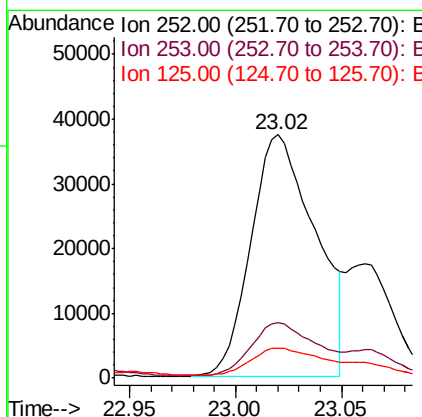
RT: 23.02 min Scan# 5304

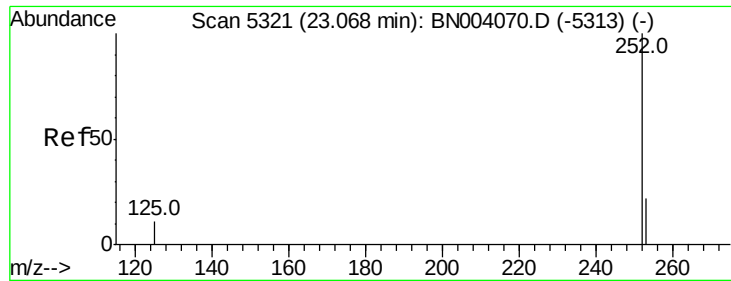
Delta R.T. -0.00 min

Lab File: BN004072.D

Acq: 18 Dec 2018 12:36

Tgt Ion:252	Resp:	79295
Ion Ratio	Lower	Upper
252 100		
253 22.8	0.0	46.0
125 12.3	0.0	22.4





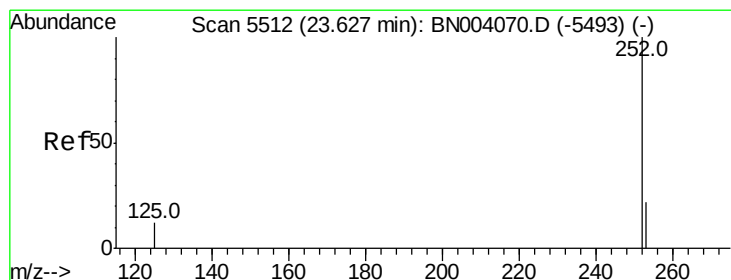
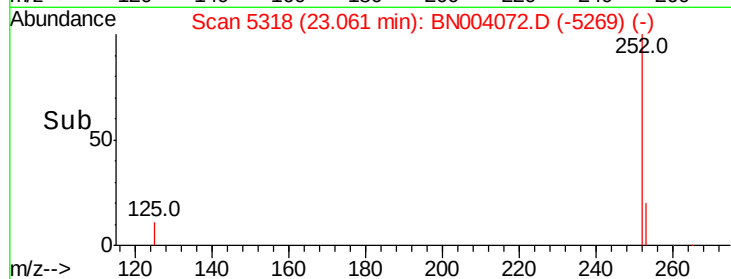
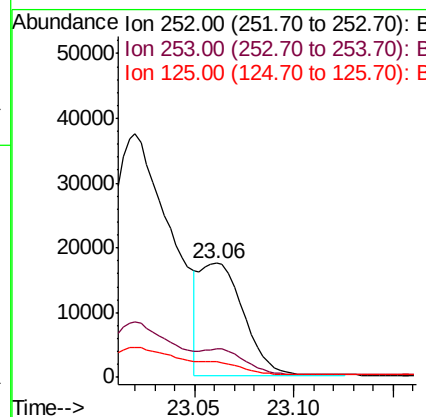
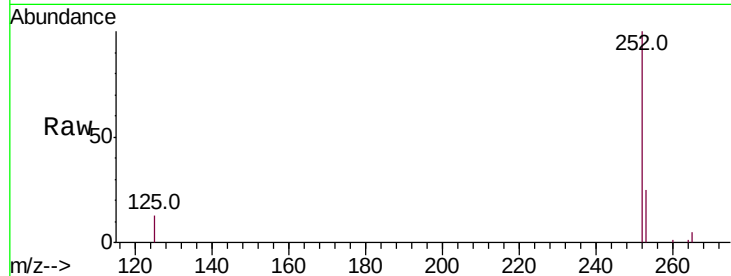
#22
Benzo(k)fluoranthene
Concen: 0.530 ng/ul m
RT: 23.06 min Scan# 5318
Delta R.T. -0.01 min
Lab File: BN004072.D
Acq: 18 Dec 2018 12:36

Instrument :
BNA_N
ClientSampleId :
F9E22DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.5	27.7
125	13.3	9.0	13.6

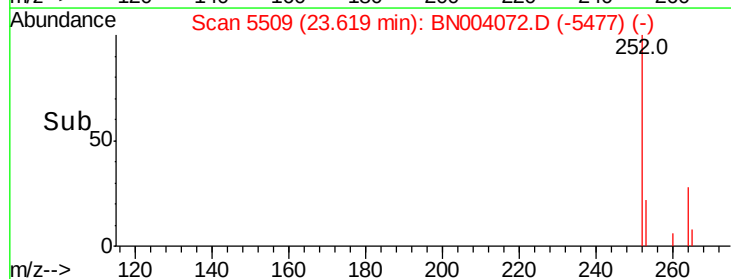
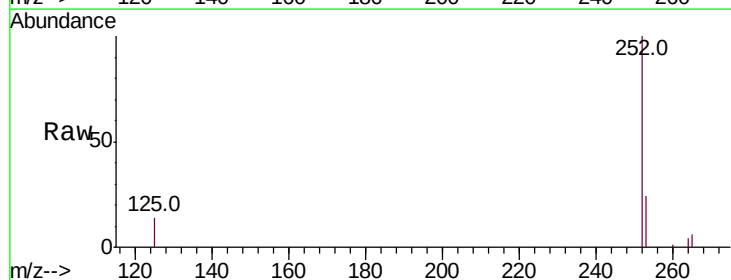
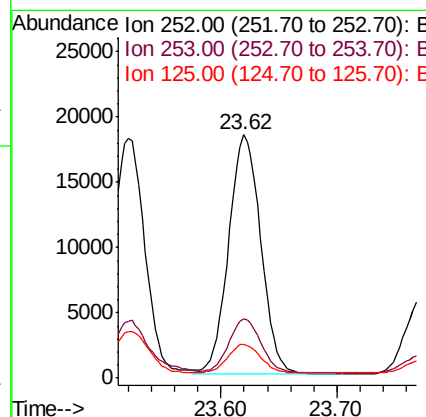
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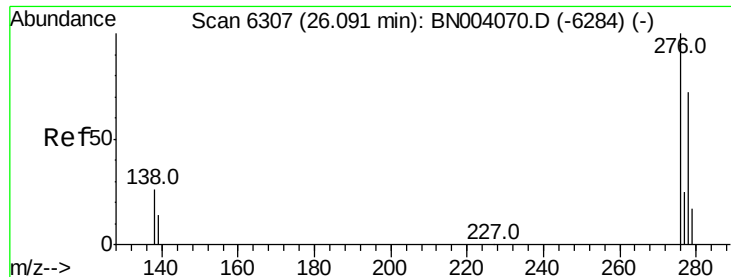
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#23
Benzo(a)pyrene
Concen: 0.772 ng/ul
RT: 23.62 min Scan# 5509
Delta R.T. -0.01 min
Lab File: BN004072.D
Acq: 18 Dec 2018 12:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.0	28.4
125	14.0	10.2	15.4





#24

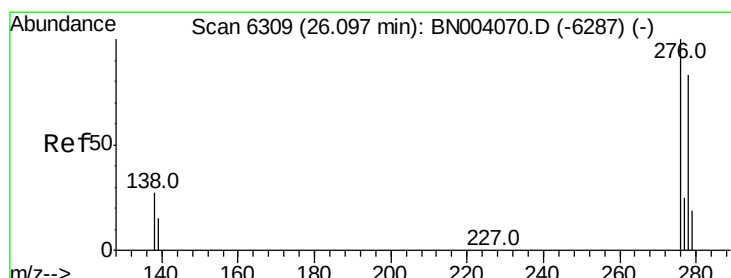
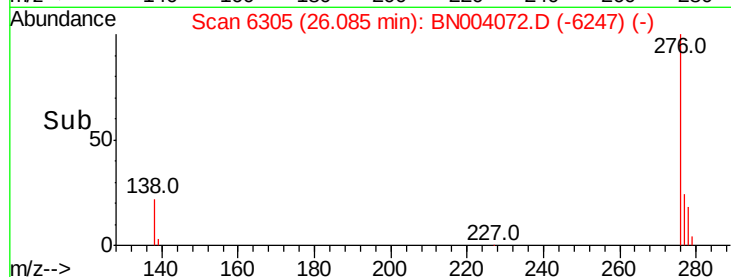
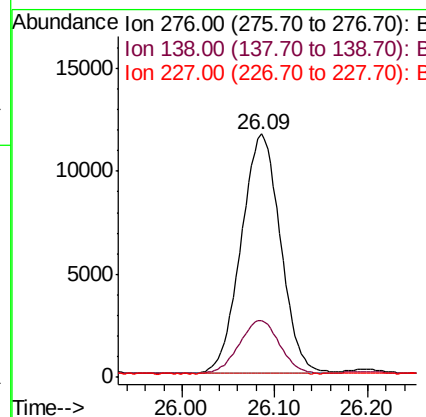
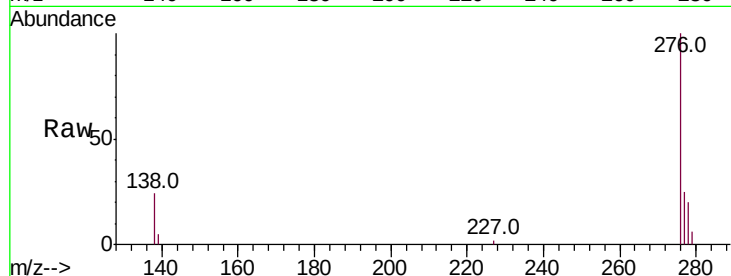
Indeno(1,2,3-cd)pyrene
Concen: 0.655 ng/ul
RT: 26.09 min Scan# 6305
Delta R.T. -0.01 min
Lab File: BN004072.D
Acq: 18 Dec 2018 12:36

Instrument :
BNA_N
ClientSampleId :
F9E22DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.6	20.3	30.5
227	0.2	0.2	0.2

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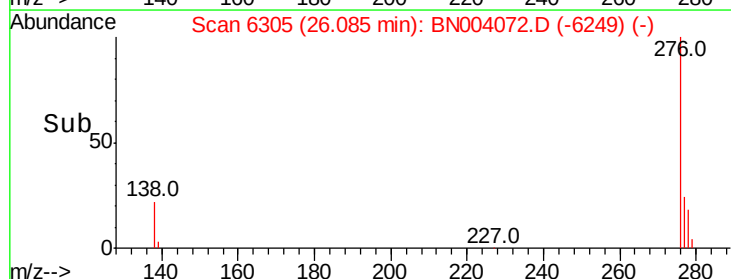
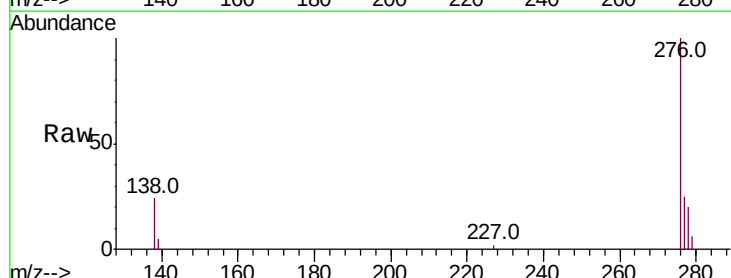
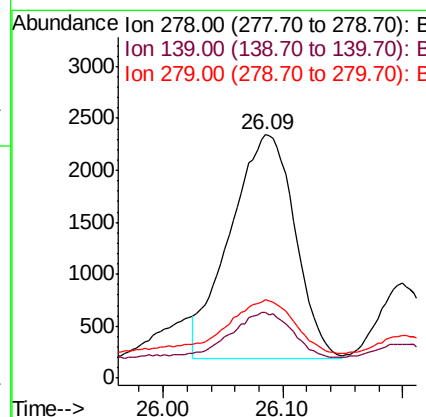
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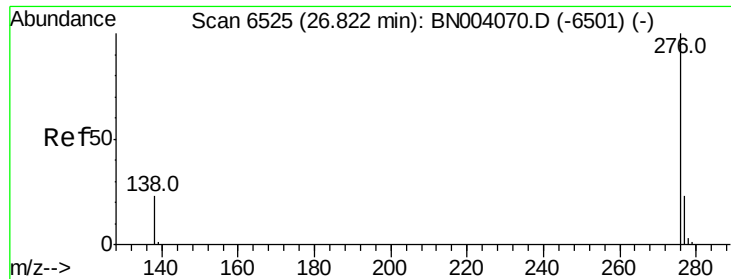


#25

Dibenzo(a,h)anthracene
Concen: 0.193 ng/ul m
RT: 26.09 min Scan# 6305
Delta R.T. -0.01 min
Lab File: BN004072.D
Acq: 18 Dec 2018 12:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.1	14.2	21.4#
279	32.1	19.8	29.6#





#26

Benzo(a,h,i)perylene

Concen: 0.618 ng/ul

RT: 26.82 min Scan# 6523

Delta R.T. -0.01 min

Lab File: BN004072.D

Acq: 18 Dec 2018 12:36

Instrument :

BNA_N

ClientSampleId :

F9E22DL

Tot Ion:	276	Resp:	28132
Ion Ratio	Lower	Upper	
276	100		
138	24.5	17.7	26.5
277	24.8	19.3	28.9

Manual Integrations
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