

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
 Data File : BN006500.D
 Acq On : 22 Jun 2019 21:33
 Operator : HP/JU
 Sample : K3360-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41Y3

Manual Integrations
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mohammad
 6/25/2019 8:44:47 AM

Quant Time: Jun 24 08:58:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4467	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	17724	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	9914	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	20472m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.25	240	13447m	0.40	ng/ul	-0.02
20) Perylene-d12	23.47	264	10490m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	5937	0.22	ng/ul	-0.01
14) Fluoranthene-d10	19.08	212	14722m	0.27	ng/ul	-0.01
Target Compounds				Qvalue		
7) Acenaphthylene	14.00	152	2213	0.040	ng/ul#	93
12) Phenanthrene	17.08	178	9407	0.143	ng/ul	98
13) Anthracene	17.17	178	2482m	0.040	ng/ul	
15) Fluoranthene	19.10	202	57292m	0.790	ng/ul	
17) Pyrene	19.47	202	54966	0.776	ng/ul	98
18) Benzo(a)anthracene	21.23	228	22811m	0.384	ng/ul	
19) Chrysene	21.29	228	27101	0.485	ng/ul	100
21) Benzo(b)fluoranthene	22.81	252	31341m	0.717	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	13859m	0.325	ng/ul	
23) Benzo(a)pyrene	23.38	252	18459	0.453	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.71	276	12433	0.282	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.71	278	3104	0.088	ng/ul#	84
26) Benzo(g,h,i)perylene	26.39	276	9100	0.246	ng/ul	99

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

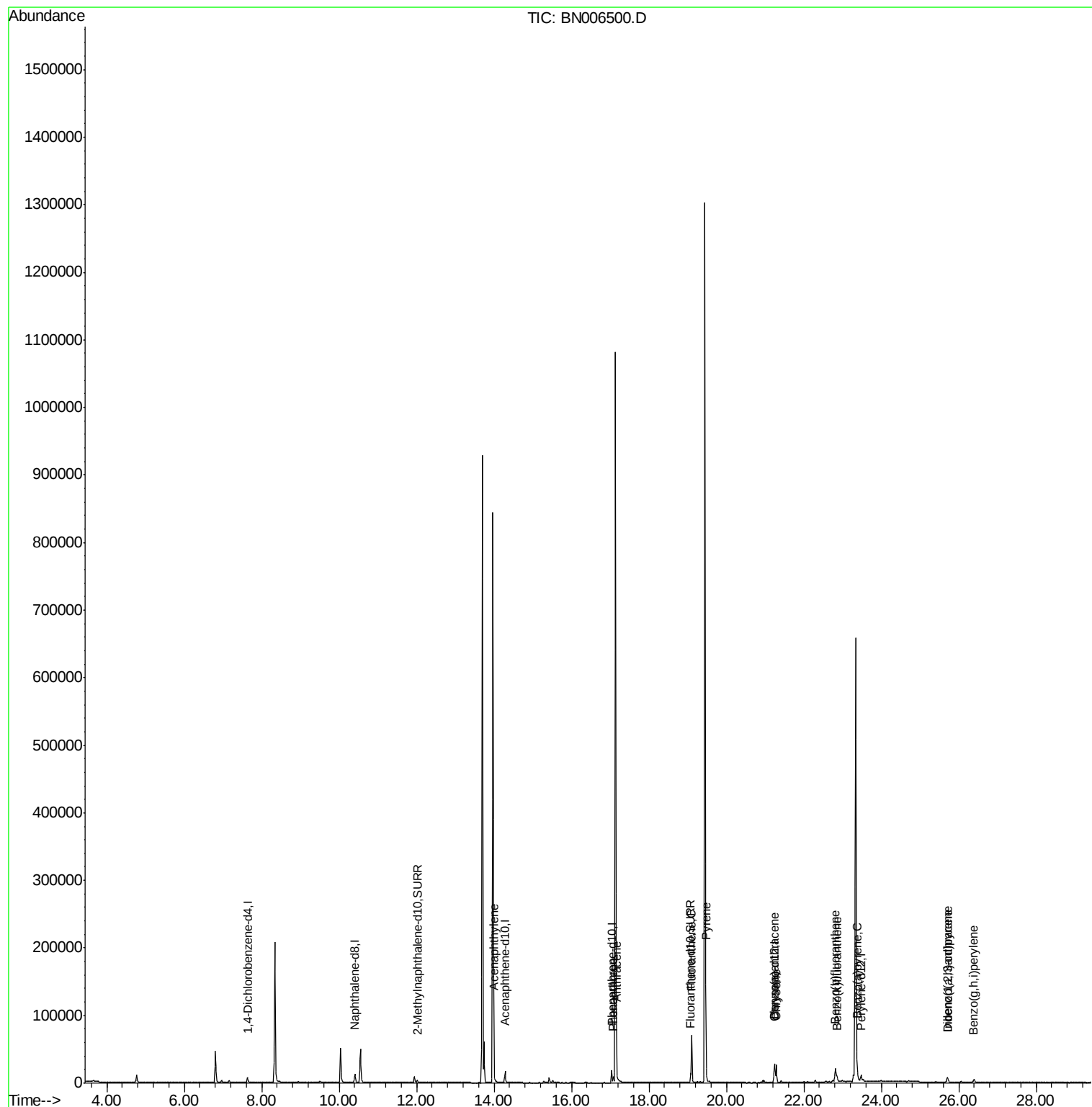
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006500.D
Acq On : 22 Jun 2019 21:33
Operator : HP/JU
Sample : K3360-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

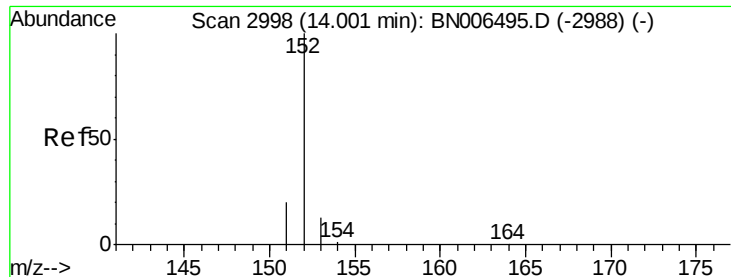
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QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.040 ng/ul

RT: 14.00 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BN006500.D

Acq: 22 Jun 2019 21:33

Instrument :

BNA_N

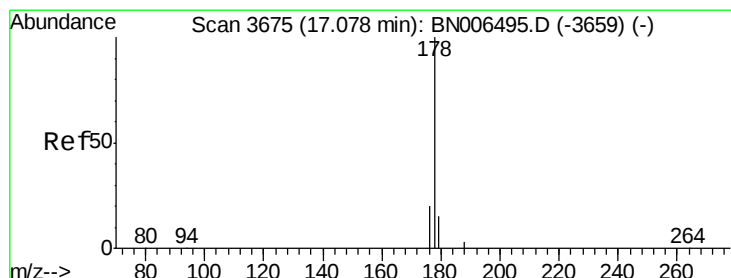
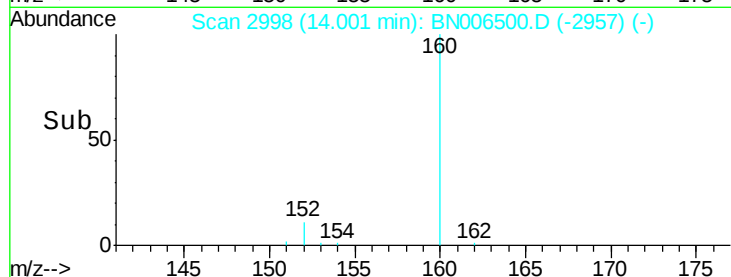
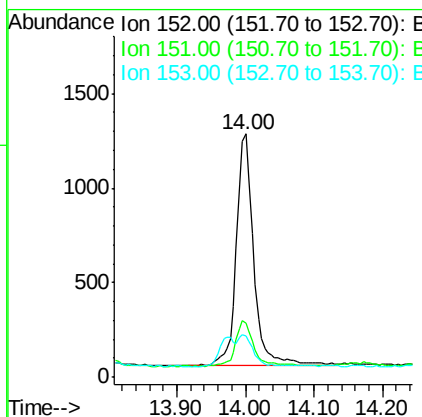
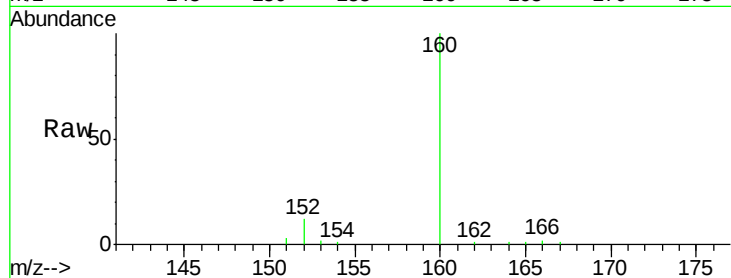
ClientSampleId :

A41Y3

Tgt Ion:	152	Resp:	2213
Ion Ratio	Lower	Upper	
152	100		
151	22.5	15.8	23.8
153	16.9	10.8	16.2

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#12

Phenanthrene

Concen: 0.143 ng/ul

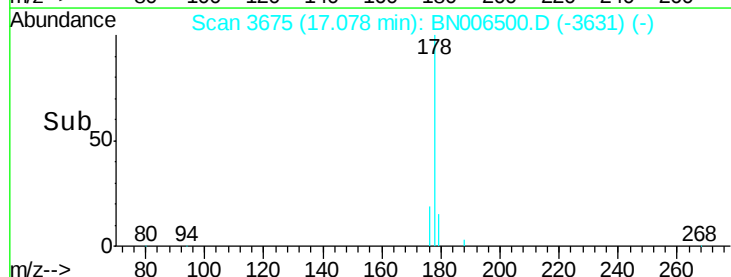
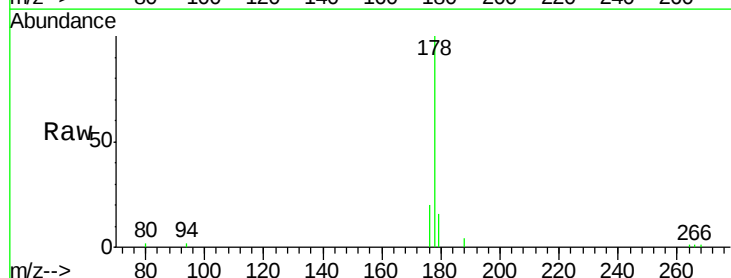
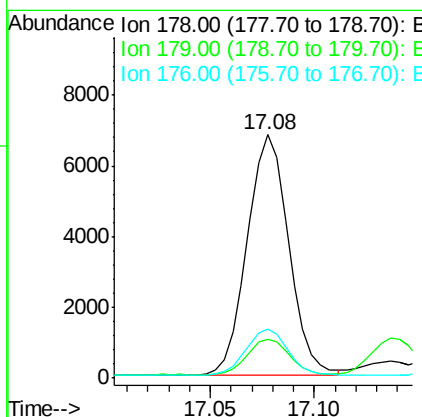
RT: 17.08 min Scan# 3675

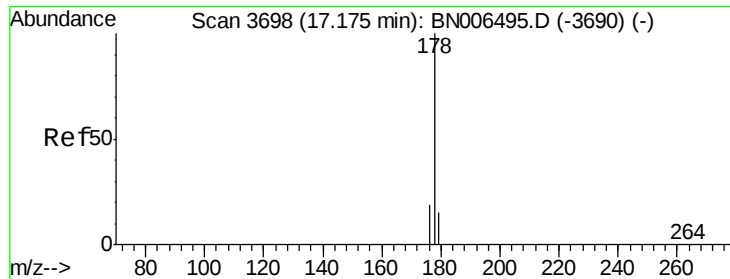
Delta R.T. -0.01 min

Lab File: BN006500.D

Acq: 22 Jun 2019 21:33

Tgt Ion:	178	Resp:	9407
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.3	18.5
176	20.0	15.3	22.9





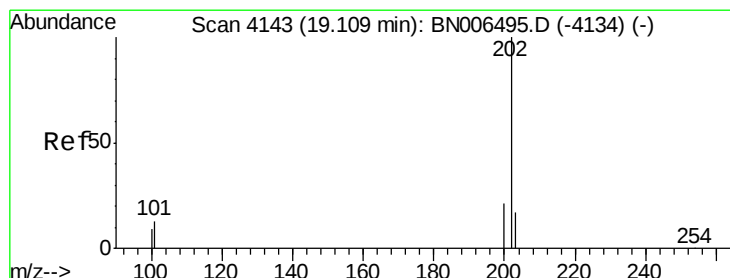
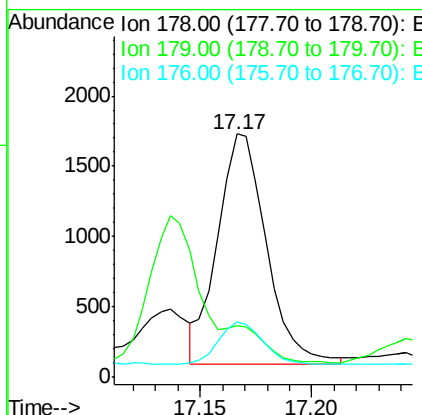
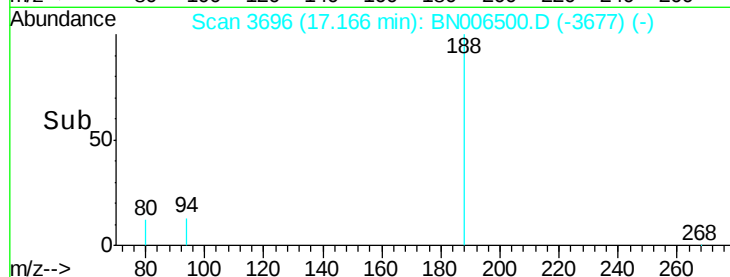
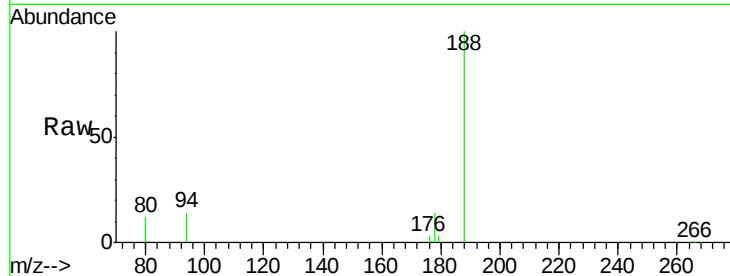
#13
 Anthracene
 Concen: 0.040 ng/ul m
 RT: 17.17 min Scan# 3696
 Delta R.T. -0.02 min
 Lab File: BN006500.D
 Acq: 22 Jun 2019 21:33

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	21.1	12.2	18.4#
176	22.6	15.1	22.7

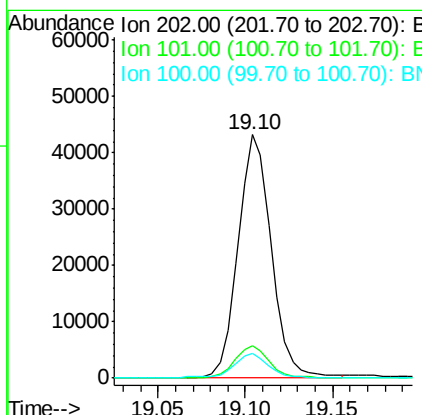
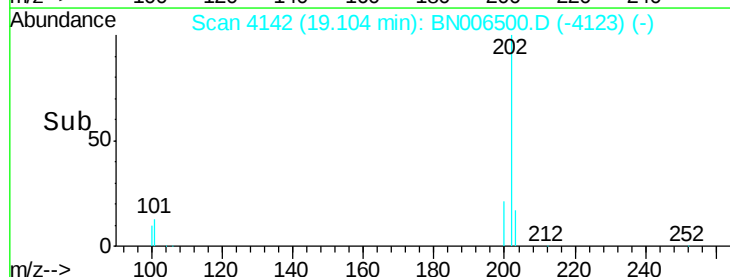
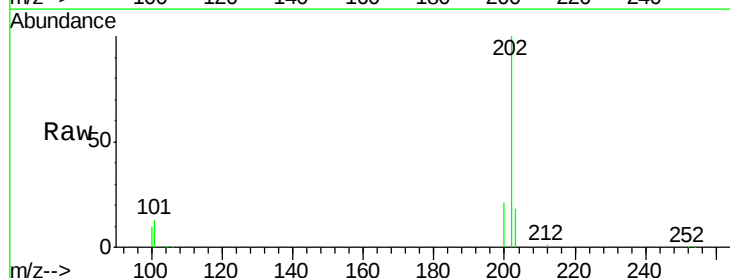
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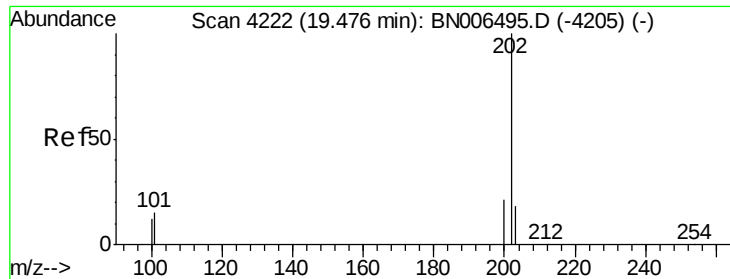
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#15
 Fluoranthene
 Concen: 0.790 ng/ul m
 RT: 19.10 min Scan# 4142
 Delta R.T. -0.01 min
 Lab File: BN006500.D
 Acq: 22 Jun 2019 21:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	32.1
100	9.9	0.0	28.7





#17

Pyrene

Concen: 0.776 ng/ul

RT: 19.47 min Scan# 4221

Delta R.T. -0.01 min

Lab File: BN006500.D

Acq: 22 Jun 2019 21:33

Instrument :

BNA_N

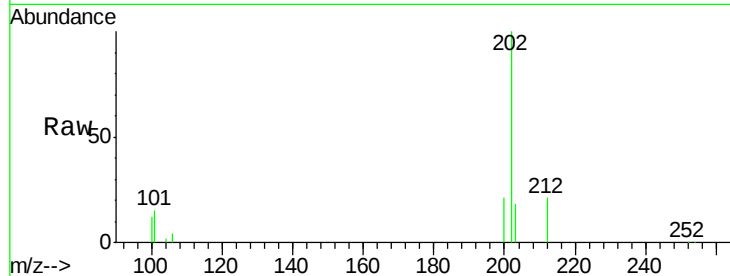
ClientSampled :

A41Y3

Tgt Ion:	202	Resp:	54966
Ion Ratio	Lower	Upper	
202	100		
101	14.5	12.2	18.2
100	11.6	9.8	14.6

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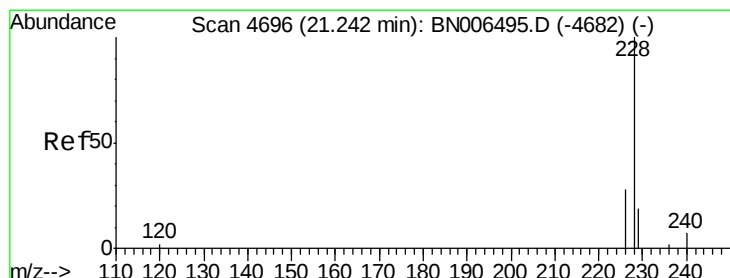
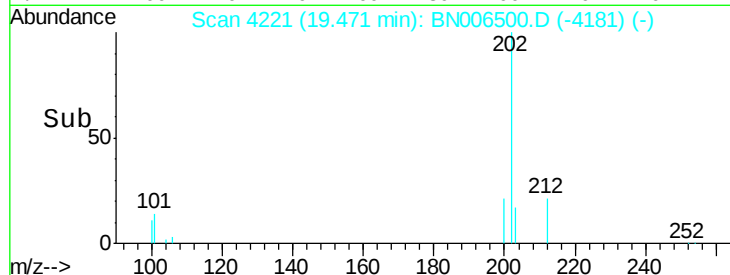
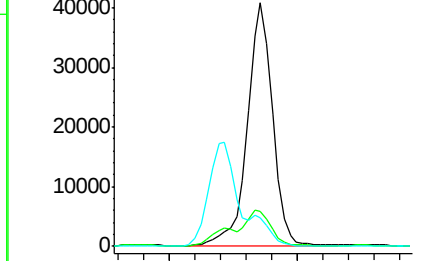
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 0.384 ng/ul m

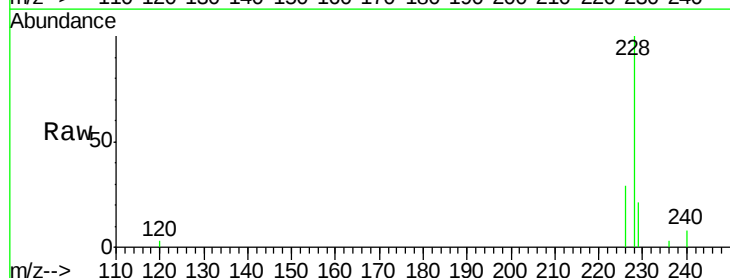
RT: 21.23 min Scan# 4693

Delta R.T. -0.02 min

Lab File: BN006500.D

Acq: 22 Jun 2019 21:33

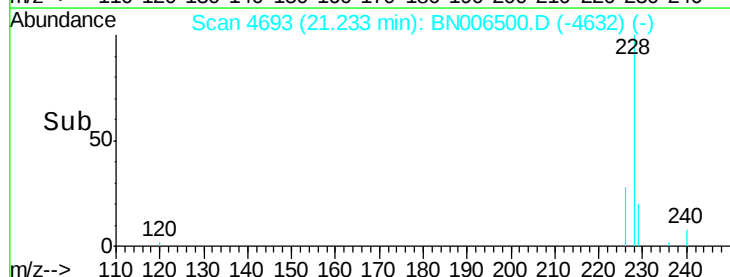
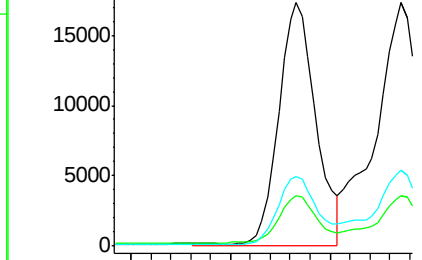
Tgt Ion:	228	Resp:	22811
Ion Ratio	Lower	Upper	
228	100		
229	20.7	16.5	24.7
226	28.8	22.8	34.2

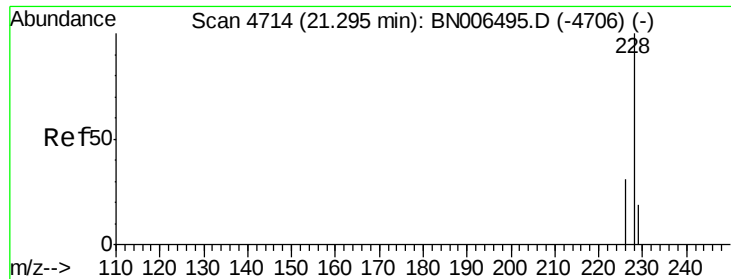


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.485 ng/ul

RT: 21.29 min Scan# 4711

Delta R.T. -0.02 min

Lab File: BN006500.D

Acq: 22 Jun 2019 21:33

Instrument :

BNA_N

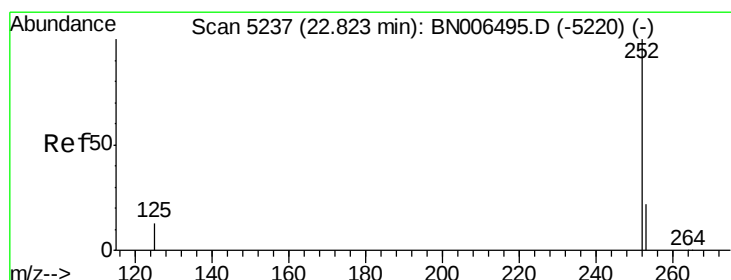
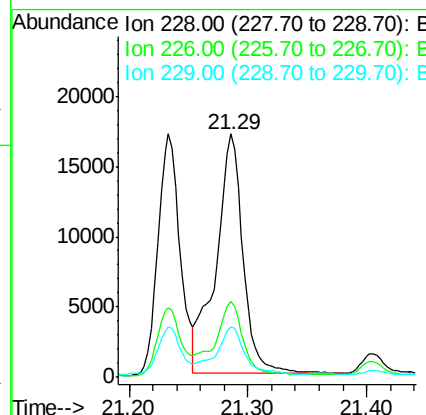
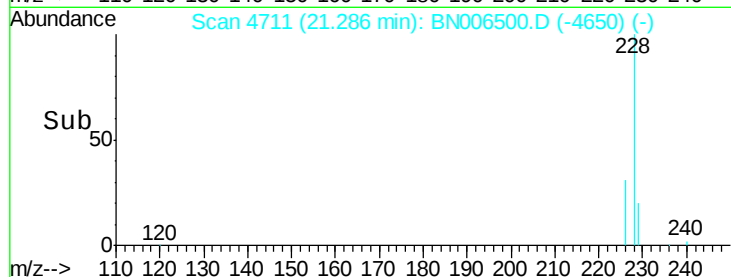
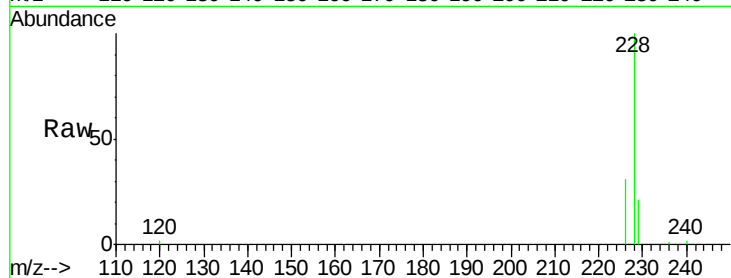
ClientSampleId :

A41Y3

Tgt Ion:	228	Resp:	27101
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.0	37.6
229	20.7	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 0.717 ng/ul m

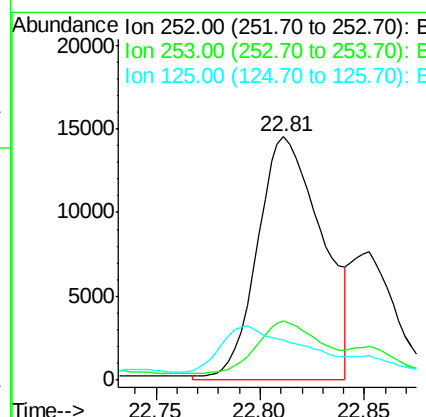
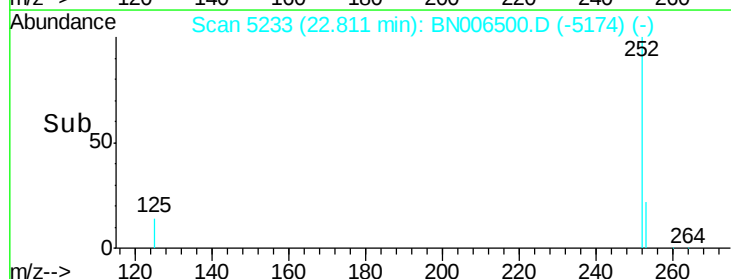
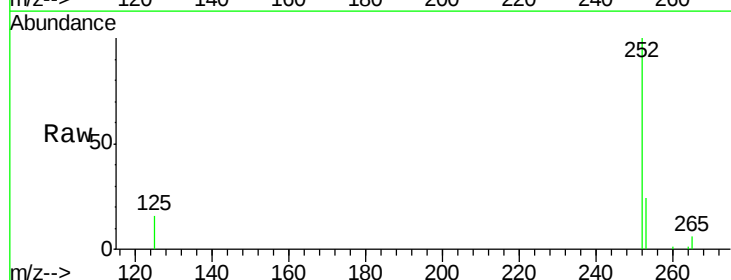
RT: 22.81 min Scan# 5233

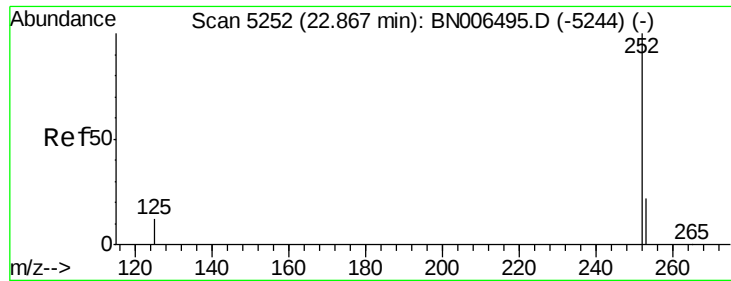
Delta R.T. -0.03 min

Lab File: BN006500.D

Acq: 22 Jun 2019 21:33

Tgt Ion:	252	Resp:	31341
Ion Ratio	Lower	Upper	
252	100		
253	24.2	0.0	51.4
125	16.3	0.0	41.0





#22

Benzo(k)fluoranthene

Concen: 0.325 ng/ul m

RT: 22.85 min Scan# 5247

Delta R.T. -0.03 min

Lab File: BN006500.D

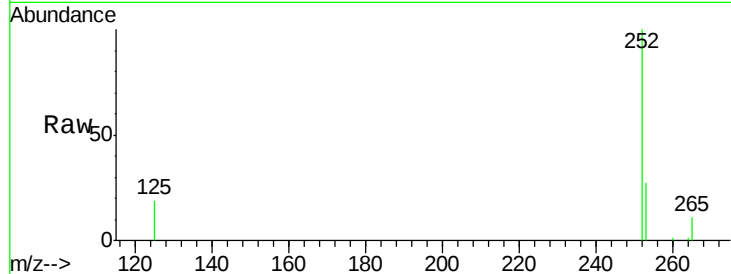
Acq: 22 Jun 2019 21:33

Instrument :

BNA_N

ClientSampleId :

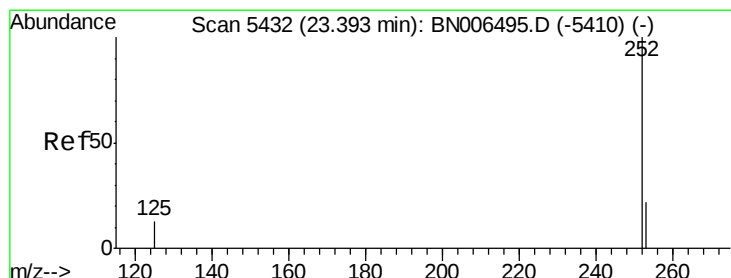
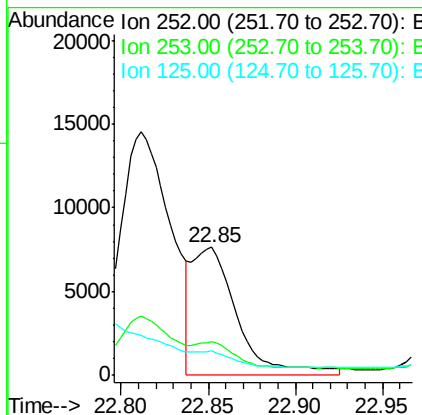
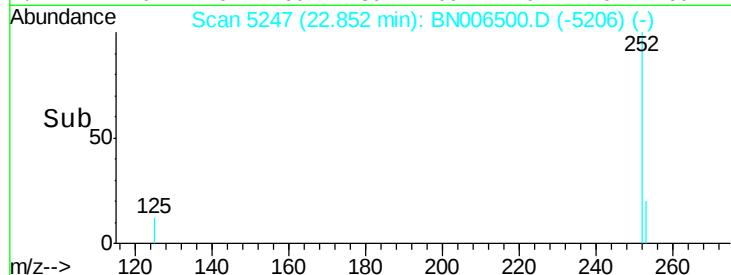
A41Y3



Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.8	20.3	30.5
125	18.9	14.3	21.5

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#23

Benzo(a)pyrene

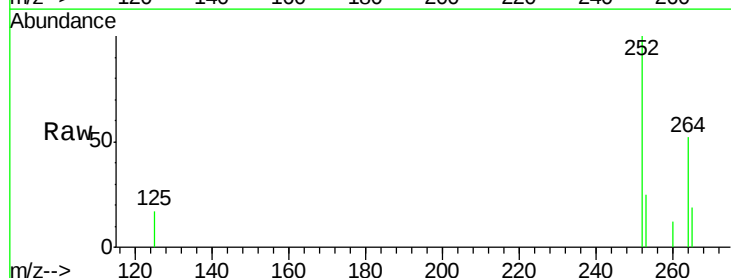
Concen: 0.453 ng/ul

RT: 23.38 min Scan# 5427

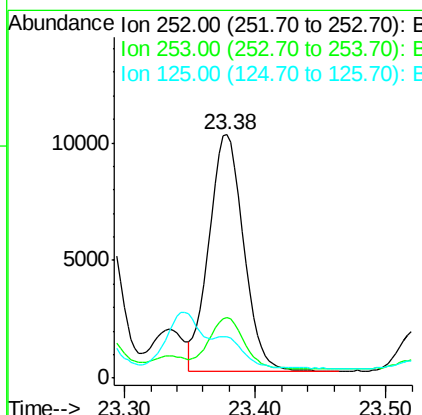
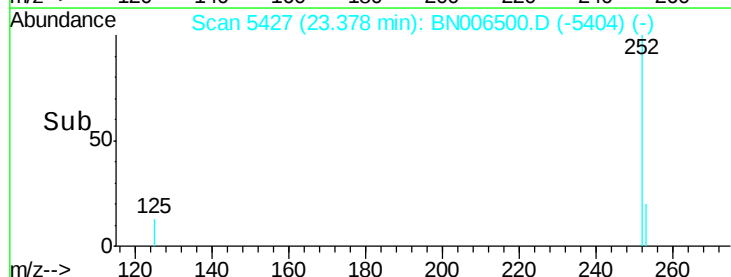
Delta R.T. -0.03 min

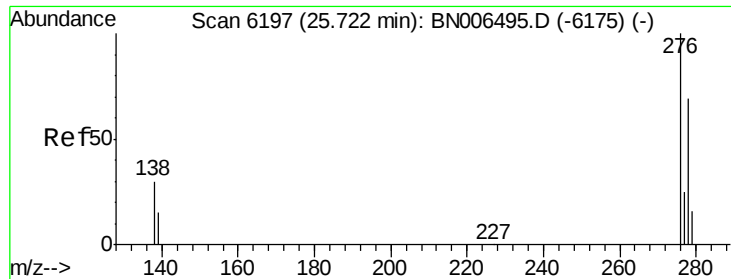
Lab File: BN006500.D

Acq: 22 Jun 2019 21:33



Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	21.1	31.7
125	16.9	20.3	30.5#





#24

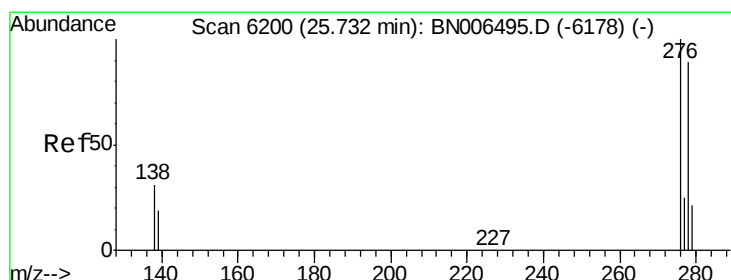
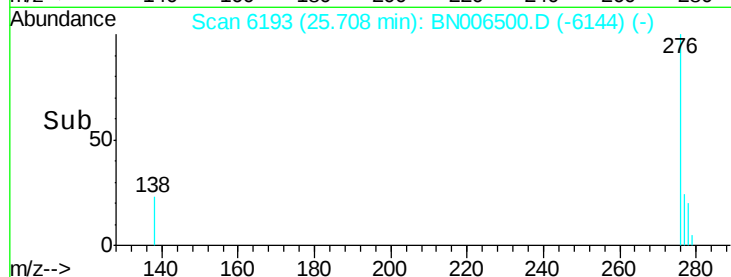
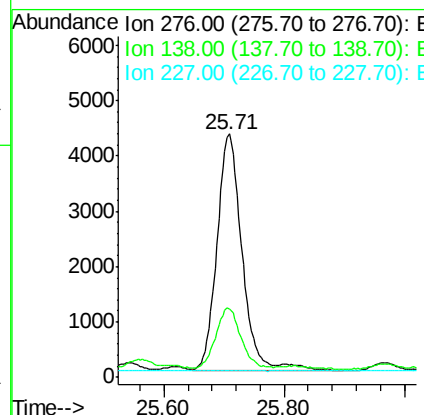
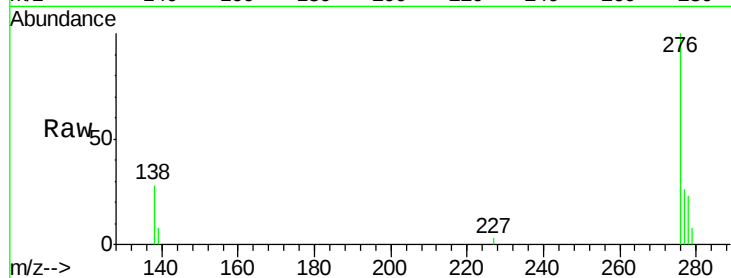
Indeno(1,2,3-cd)pyrene
Concen: 0.282 ng/u1
RT: 25.71 min Scan# 6193
Delta R.T. -0.04 min
Lab File: BN006500.D
Acq: 22 Jun 2019 21:33

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.6	25.6	38.4#
227	0.1	0.3	0.5#

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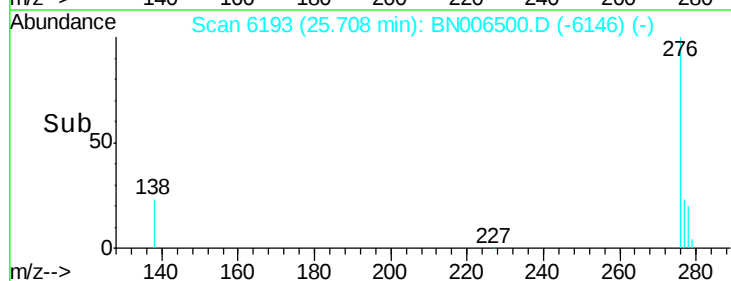
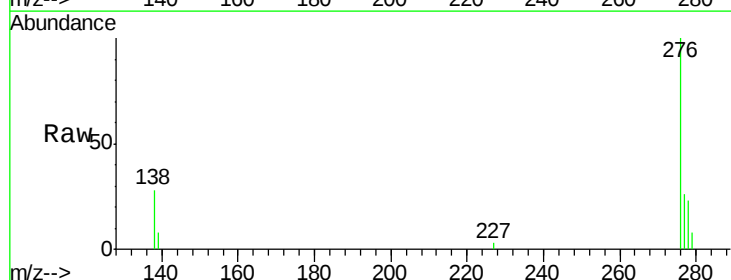
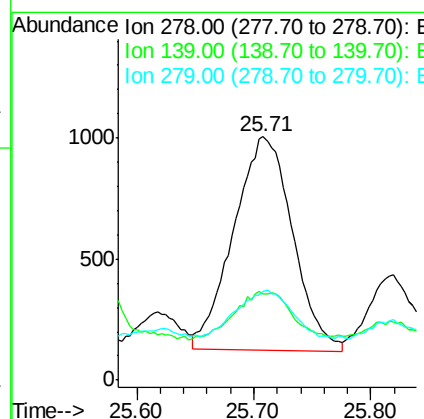
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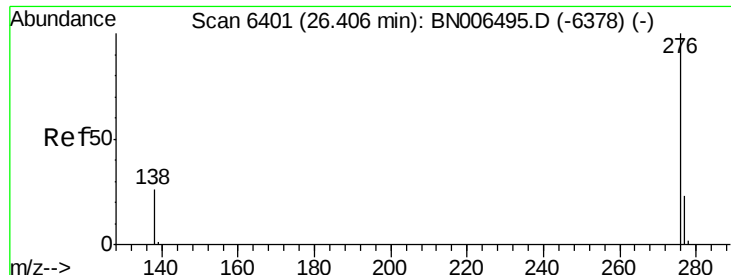


#25

Dibenzo(a,h)anthracene
Concen: 0.088 ng/u1
RT: 25.71 min Scan# 6193
Delta R.T. -0.04 min
Lab File: BN006500.D
Acq: 22 Jun 2019 21:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	35.3	21.2	31.8#
279	36.3	22.6	33.8#





#26

Benzo(g,h,i)perylene

Concen: 0.246 ng/ul

RT: 26.39 min Scan# 6396

Delta R.T. -0.04 min

Lab File: BN006500.D

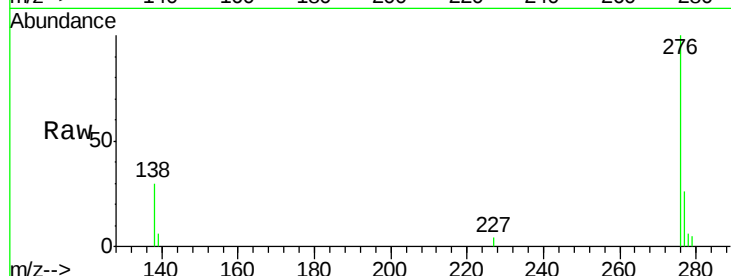
Acq: 22 Jun 2019 21:33

Instrument :

BNA_N

ClientSampleId :

A41Y3



Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.2	24.2	36.4
277	25.8	21.5	32.3

Manual Integrations
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