

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061419\
 Data File : BN006337.D
 Acq On : 14 Jun 2019 15:40
 Operator : JU/SJ
 Sample : K3332-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4233

Manual Integrations
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mohammad
 6/17/2019 8:29:03 AM

Quant Time: Jun 14 17:57:04 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 : Thu Jun 13 11:20:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4370	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	16477	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	8149	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	15107m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	11393m	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	10602m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4479	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	9394m	0.23	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.01	152	2433	0.054	ng/ul#	90
12) Phenanthrene	17.09	178	9304	0.192	ng/ul	98
13) Anthracene	17.18	178	2831m	0.061	ng/ul	
15) Fluoranthene	19.12	202	26750m	0.500	ng/ul	
17) Pyrene	19.49	202	27924	0.465	ng/ul	99
18) Benzo(a)anthracene	21.25	228	14352	0.285	ng/ul	97
19) Chrysene	21.31	228	12766	0.270	ng/ul	98
21) Benzo(b)fluoranthene	22.84	252	17298m	0.391	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	7174m	0.167	ng/ul	
23) Benzo(a)pyrene	23.41	252	12681m	0.308	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.75	276	8458m	0.190	ng/ul	
25) Dibenzo(a,h)anthracene	25.76	278	2068m	0.058	ng/ul	
26) Benzo(g,h,i)perylene	26.43	276	6973m	0.187	ng/ul	

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

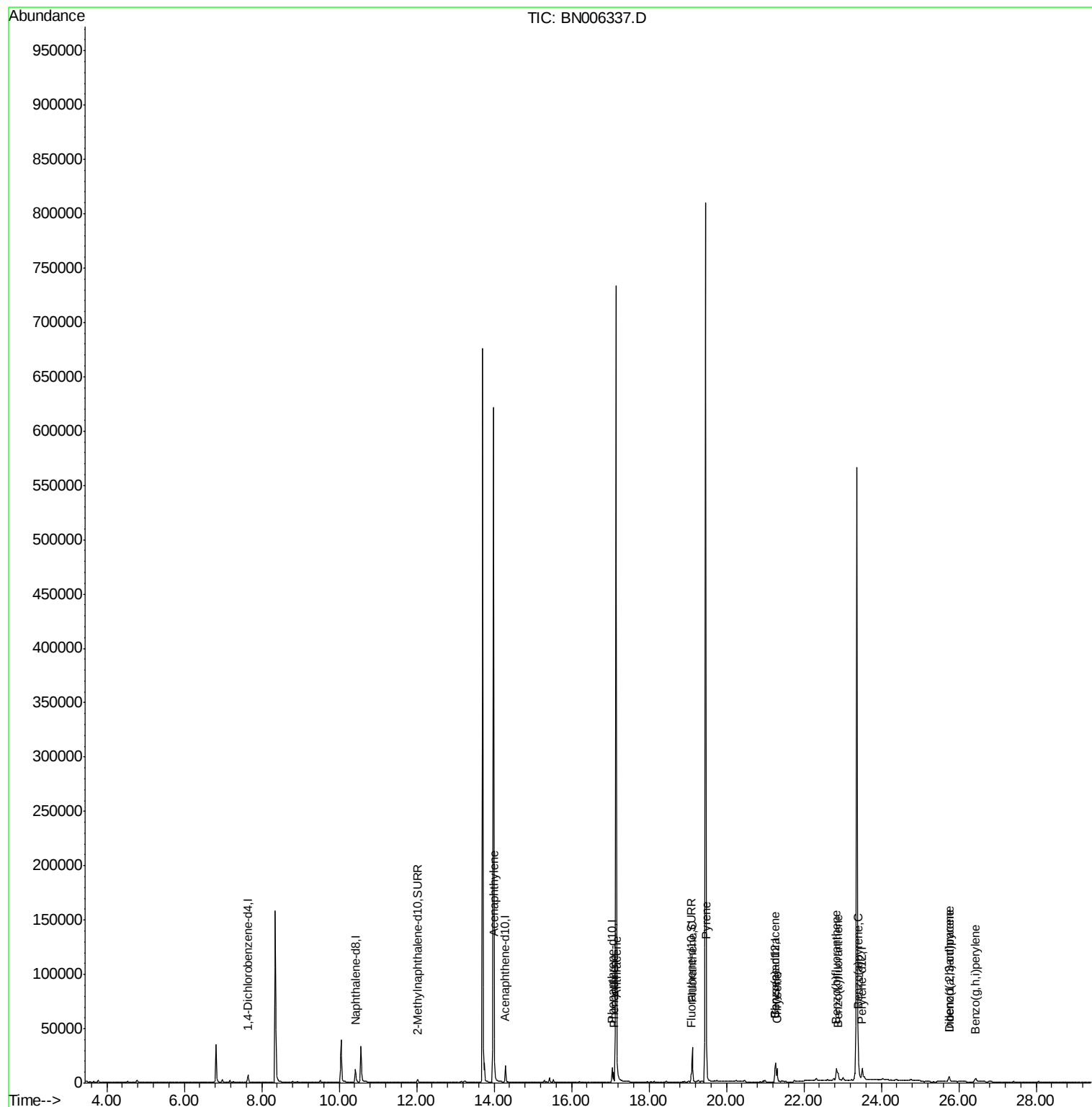
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061419\
Data File : BN006337.D
Acq On : 14 Jun 2019 15:40
Operator : JU/SJ
Sample : K3332-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

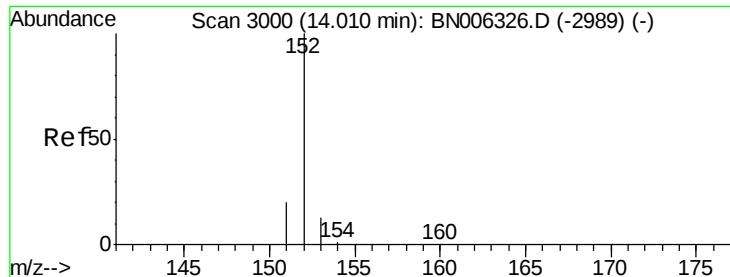
Instrument :
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Quant Time: Jun 14 17:57:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.054 ng/ul

RT: 14.01 min Scan# 3000

Delta R.T. -0.00 min

Lab File: BN006337.D

Acq: 14 Jun 2019 15:40

Instrument :

BNA_N

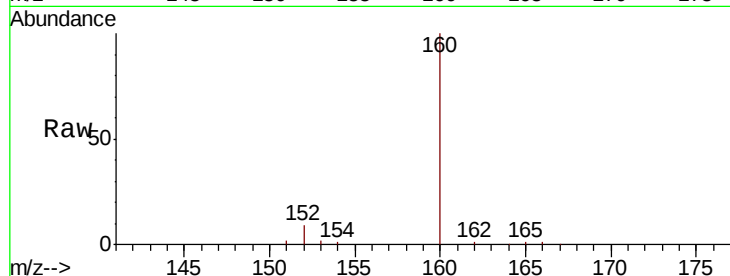
ClientSampleId :

A4233

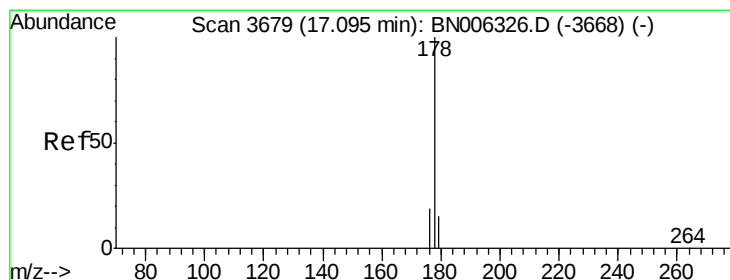
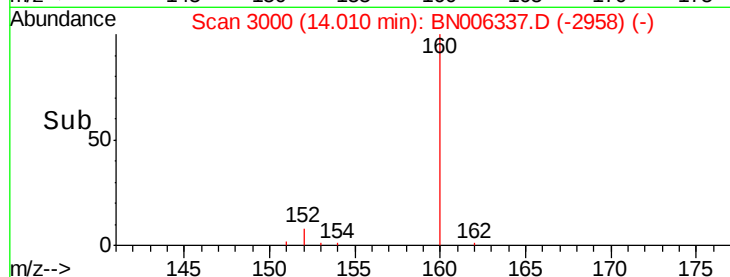
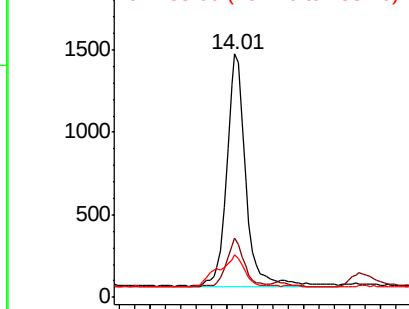
Tgt Ion:	152	Resp:	2433
Ion Ratio	Lower	Upper	
152	100		
151	24.3	15.8	23.8#
153	17.3	10.8	16.2#

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Abundance Ion 152.00 (151.70 to 152.70): E
2000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#12

Phenanthrene

Concen: 0.192 ng/ul

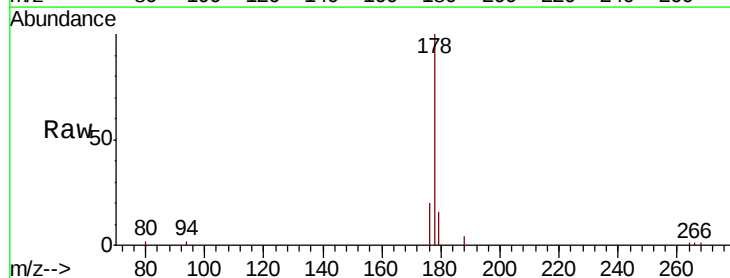
RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

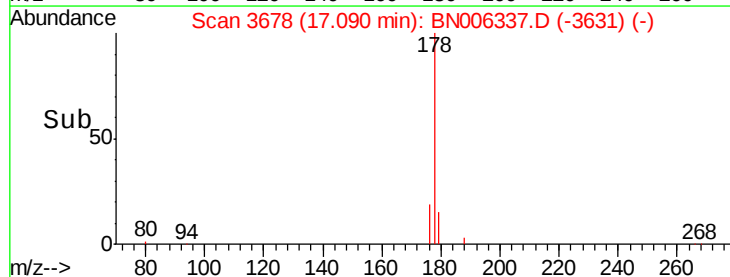
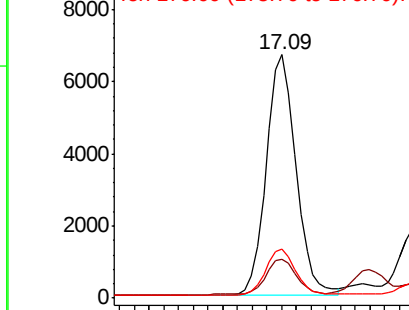
Lab File: BN006337.D

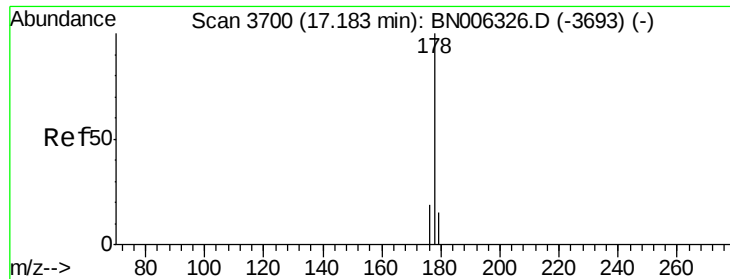
Acq: 14 Jun 2019 15:40

Tgt Ion:	178	Resp:	9304
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.3	18.5
176	20.0	15.3	22.9



Abundance Ion 178.00 (177.70 to 178.70): E
8000
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.061 ng/ul m

RT: 17.18 min Scan# 3699

Delta R.T. -0.00 min

Lab File: BN006337.D

Acq: 14 Jun 2019 15:40

Instrument :

BNA_N

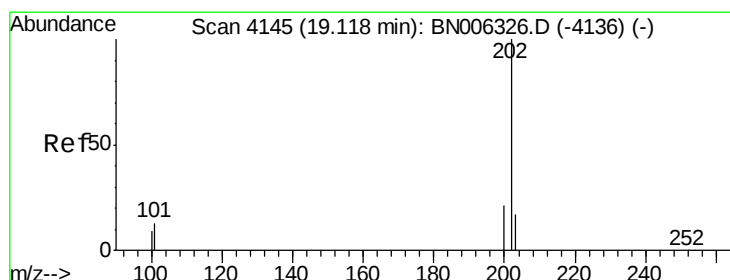
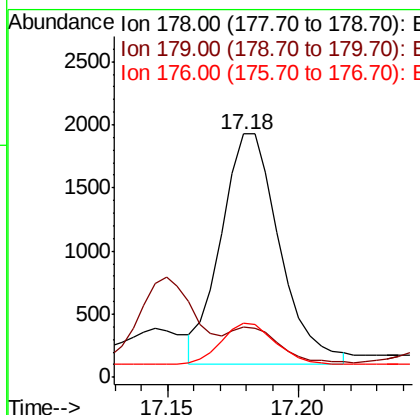
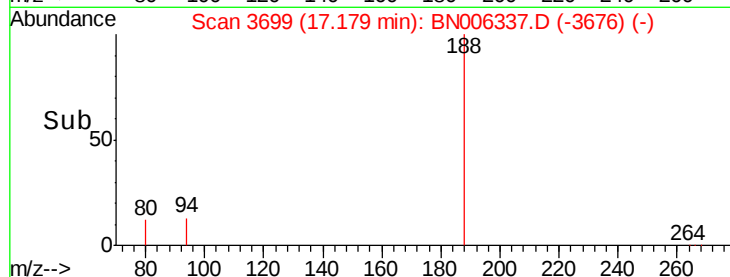
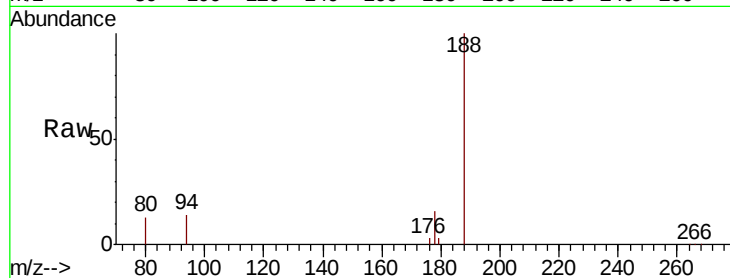
ClientSampleId :

A4233

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.5	12.2	18.4#
176	22.1	15.1	22.7

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#15

Fluoranthene

Concen: 0.500 ng/ul m

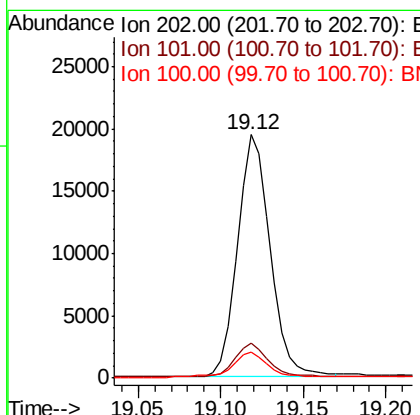
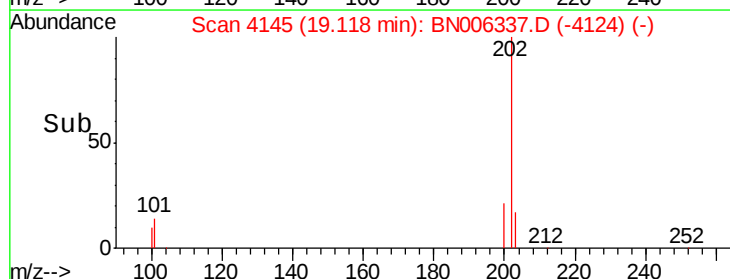
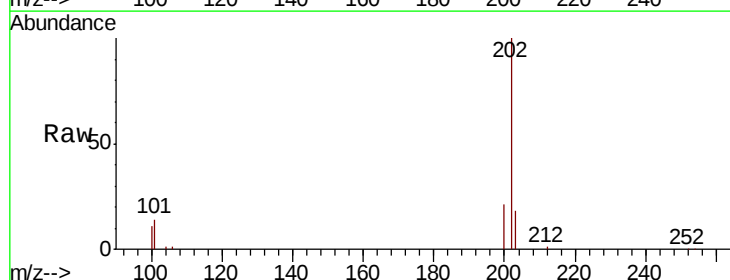
RT: 19.12 min Scan# 4145

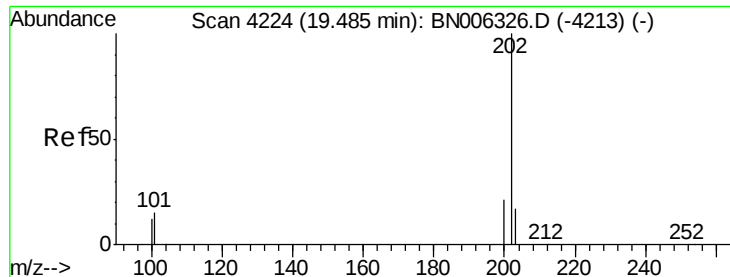
Delta R.T. -0.00 min

Lab File: BN006337.D

Acq: 14 Jun 2019 15:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	32.1
100	10.6	0.0	28.7





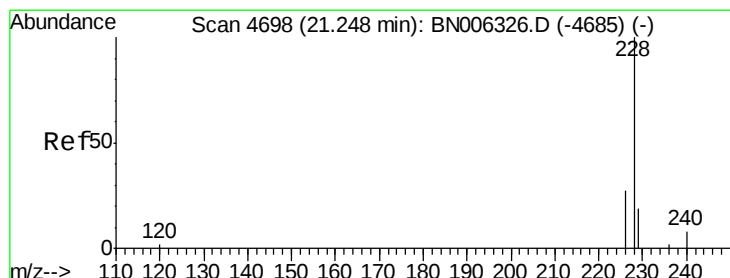
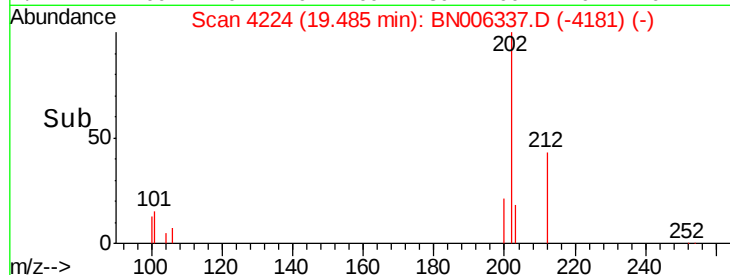
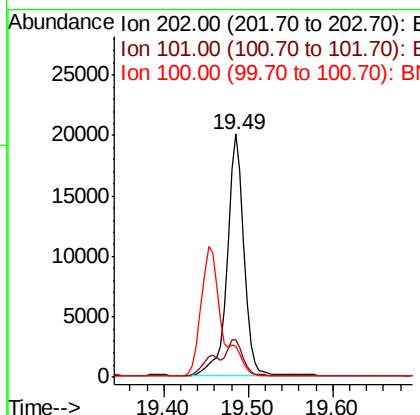
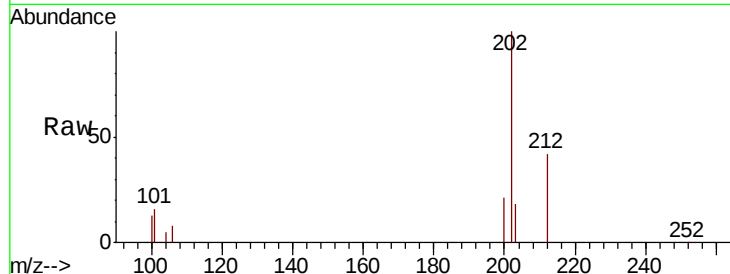
#17
Pyrene
Concen: 0.465 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006337.D
Acq: 14 Jun 2019 15:40

Instrument :
BNA_N
ClientSampled :
A4233

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	27924		
101	15.7		12.2	18.2
100	12.8		9.8	14.6

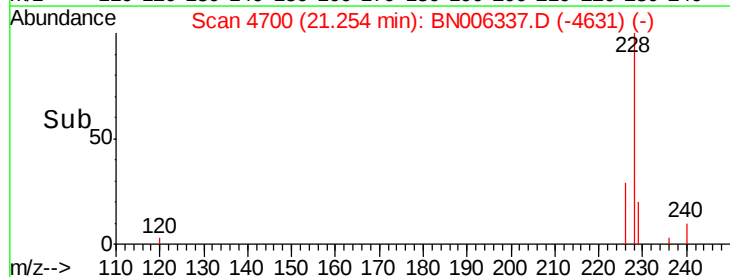
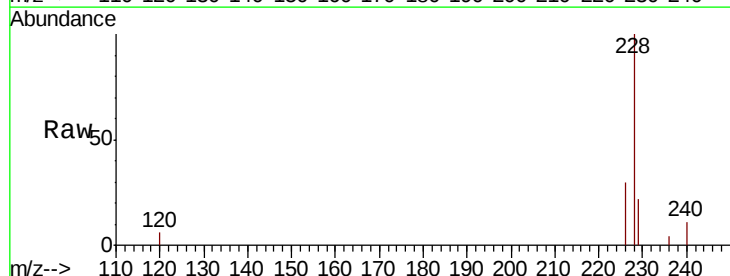
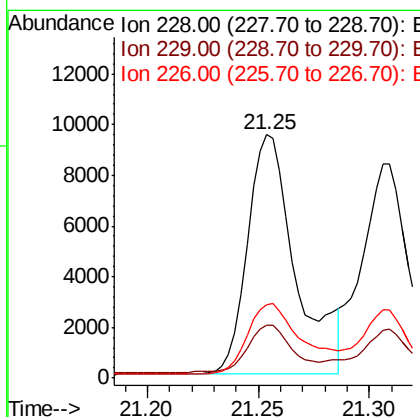
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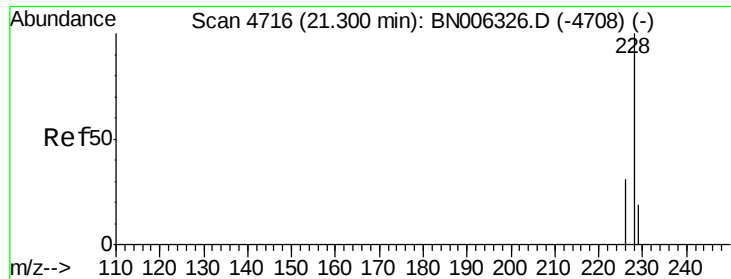
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#18
Benzo(a)anthracene
Concen: 0.285 ng/ul
RT: 21.25 min Scan# 4700
Delta R.T. 0.00 min
Lab File: BN006337.D
Acq: 14 Jun 2019 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	14352		
229	21.6		16.5	24.7
226	30.3		22.8	34.2





#19

Chrysene

Concen: 0.270 ng/ul

RT: 21.31 min Scan# 4718

Delta R.T. 0.00 min

Lab File: BN006337.D

Acq: 14 Jun 2019 15:40

Instrument :

BNA_N

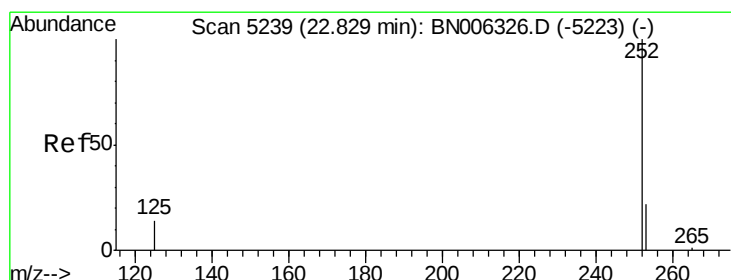
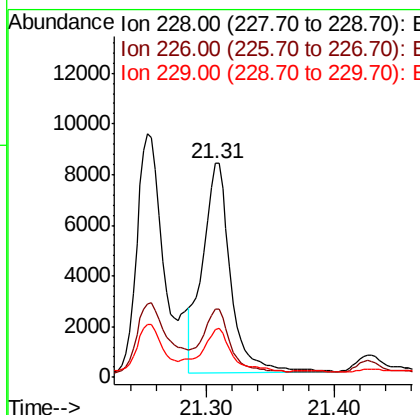
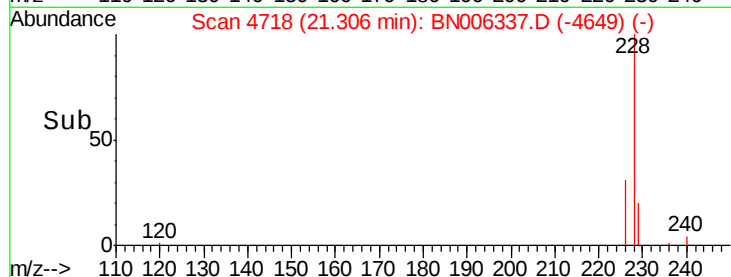
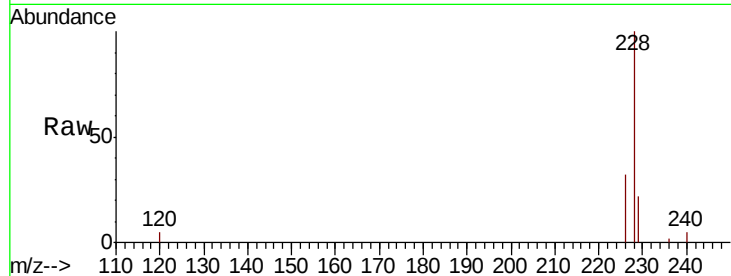
ClientSampleId :

A4233

Tgt Ion:	228	Resp:	12766
Ion Ratio	Lower	Upper	
228	100		
226	32.1	25.0	37.6
229	22.1	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 0.391 ng/ul m

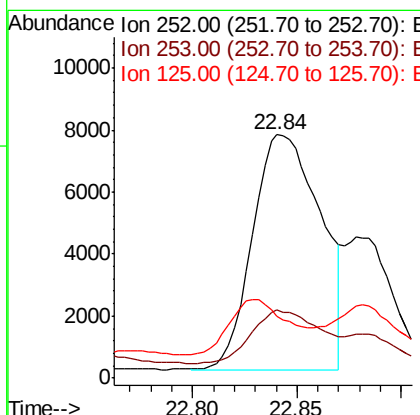
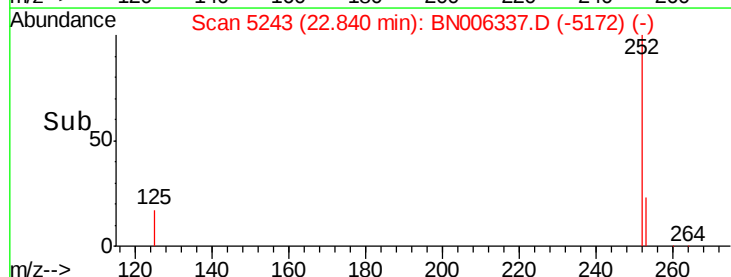
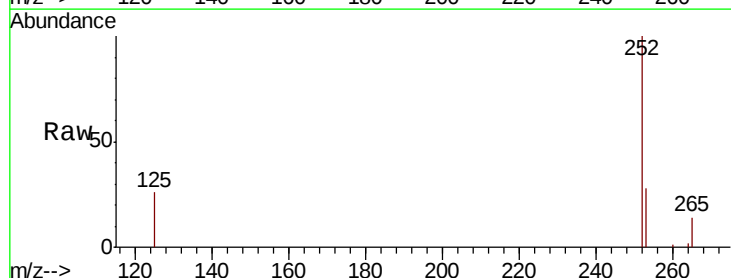
RT: 22.84 min Scan# 5243

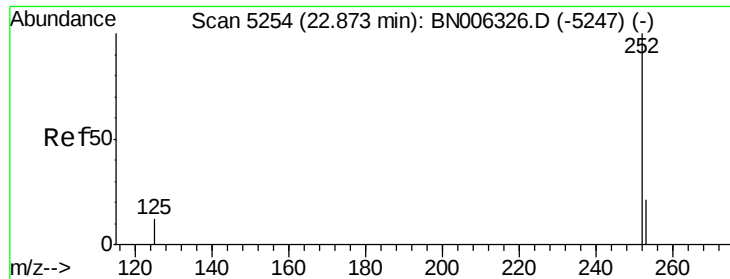
Delta R.T. 0.01 min

Lab File: BN006337.D

Acq: 14 Jun 2019 15:40

Tgt Ion:	252	Resp:	17298
Ion Ratio	Lower	Upper	
252	100		
253	27.8	0.0	51.4
125	25.7	0.0	41.0





#22

Benzo(k)fluoranthene

Concen: 0.167 ng/ul m

RT: 22.88 min Scan# 5256

Delta R.T. 0.00 min

Lab File: BN006337.D

Acq: 14 Jun 2019 15:40

Instrument :

BNA_N

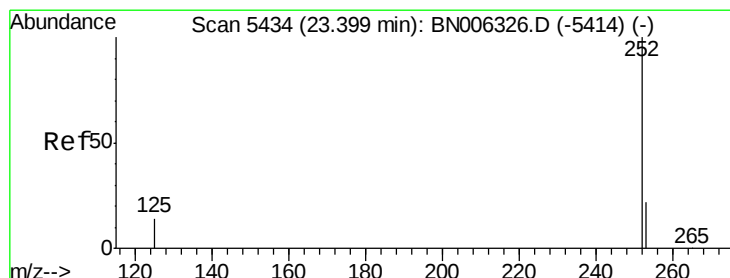
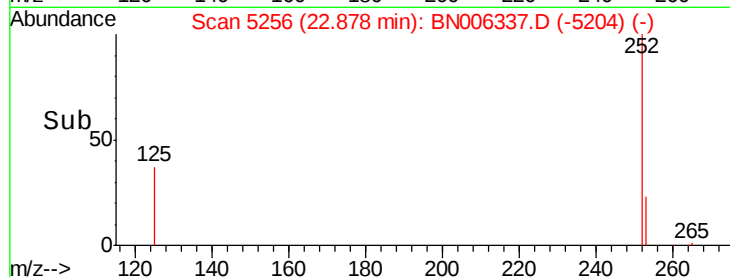
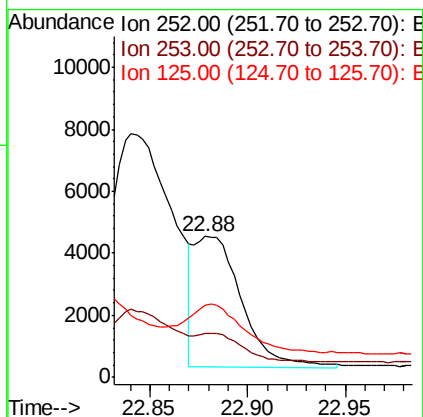
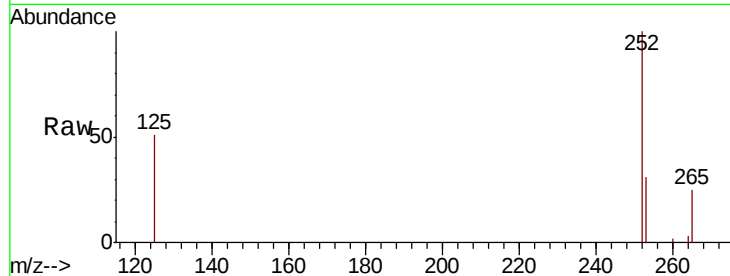
ClientSampled :

A4233

Tgt Ion:	252	Resp:	7174
Ion Ratio	Lower	Upper	
252	100		
253	31.5	20.3	30.5#
125	50.8	14.3	21.5#

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#23

Benzo(a)pyrene

Concen: 0.308 ng/ul m

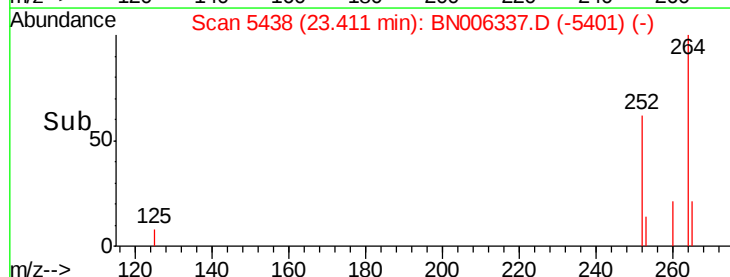
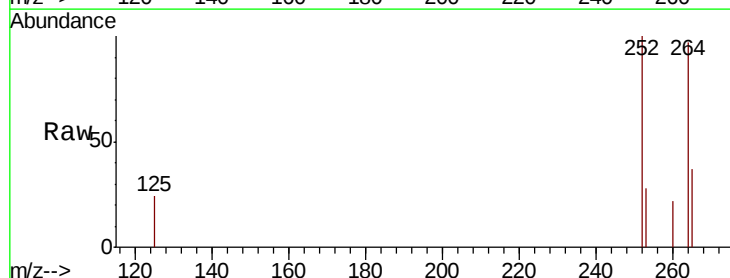
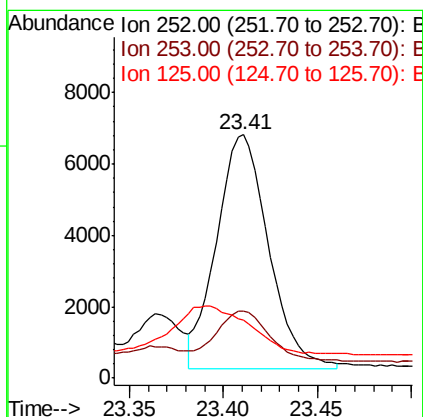
RT: 23.41 min Scan# 5438

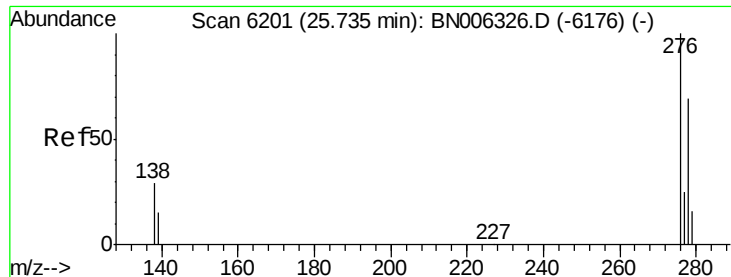
Delta R.T. 0.01 min

Lab File: BN006337.D

Acq: 14 Jun 2019 15:40

Tgt Ion:	252	Resp:	12681
Ion Ratio	Lower	Upper	
252	100		
253	27.6	21.1	31.7
125	23.8	20.3	30.5





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.190 ng/ul m

RT: 25.75 min Scan# 6205

Delta R.T. 0.01 min

Lab File: BN006337.D

Acq: 14 Jun 2019 15:40

Instrument :

BNA_N

ClientSampleId :

A4233

Tgt Ion: 276 Resp: 8458

Ion Ratio Lower Upper

276 100

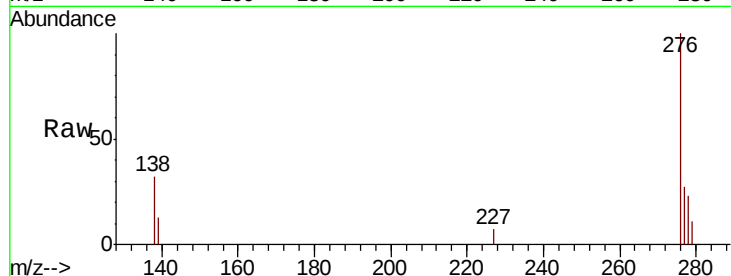
138 2.2 25.6 38.4#

227 0.1 0.3 0.5#

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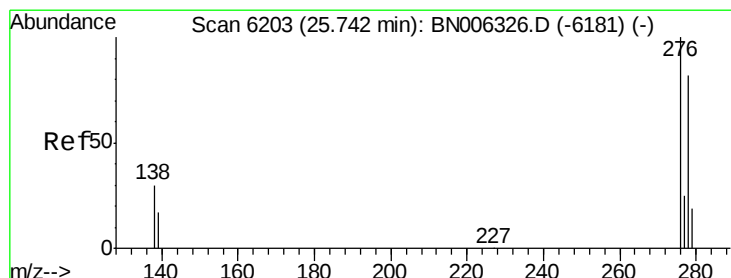
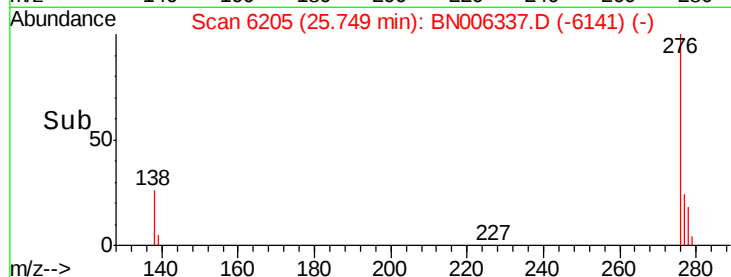
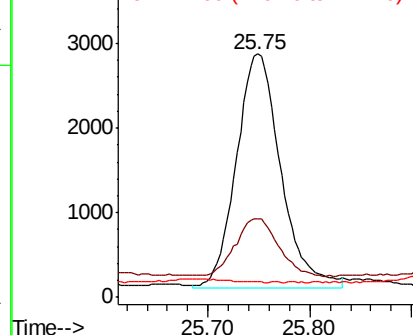


Abundance

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: 0.058 ng/ul m

RT: 25.76 min Scan# 6207

Delta R.T. 0.01 min

Lab File: BN006337.D

Acq: 14 Jun 2019 15:40

Tgt Ion: 278 Resp: 2068

Ion Ratio Lower Upper

278 100

139 55.7 21.2 31.8#

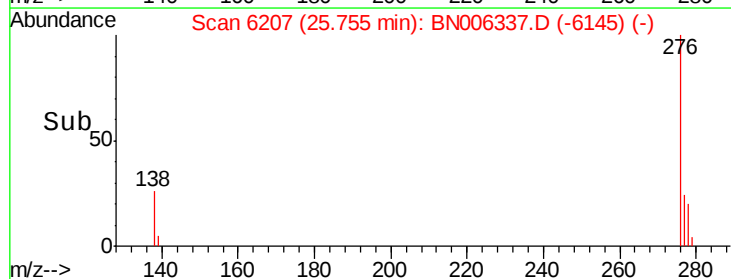
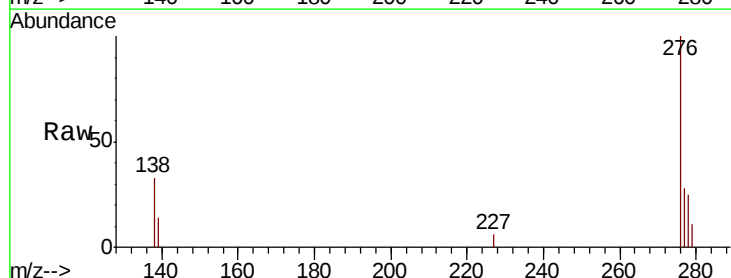
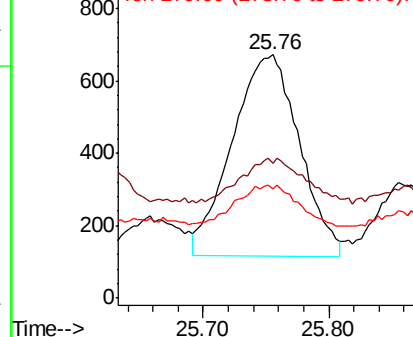
279 44.9 22.6 33.8#

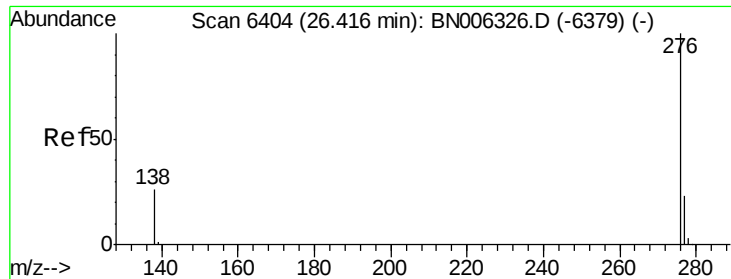
Abundance

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: 0.187 ng/ul m
 RT: 26.43 min Scan# 6409
 Delta R.T. 0.01 min
 Lab File: BN006337.D
 Acq: 14 Jun 2019 15:40

Instrument :
 BNA_N
 ClientSampleId :
 A4233

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.7	24.2	36.4
277	28.1	21.5	32.3

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