

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061419\
 Data File : BN006334.D
 Acq On : 14 Jun 2019 13:56
 Operator : JU/SJ
 Sample : K3332-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4230

Manual Integrations
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 6/17/2019 8:28:52 AM

Quant Time: Jun 14 17:32:06 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	4002	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	15040	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	7640	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	15136m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	11584m	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	10769m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	3548	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	9921m	0.24	ng/ul	0.00
Target Compounds				Qvalue		
7) Acenaphthylene	14.01	152	4278	0.101	ng/ul	97
12) Phenanthrene	17.09	178	6084	0.125	ng/ul	96
13) Anthracene	17.18	178	4249m	0.092	ng/ul	
15) Fluoranthene	19.12	202	28018m	0.522	ng/ul	
17) Pyrene	19.49	202	28617	0.469	ng/ul	99
18) Benzo(a)anthracene	21.26	228	23481	0.458	ng/ul	99
19) Chrysene	21.31	228	21823	0.454	ng/ul	99
21) Benzo(b)fluoranthene	22.85	252	32019m	0.713	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	13229m	0.302	ng/ul	
23) Benzo(a)pyrene	23.42	252	17052m	0.408	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.76	276	11670m	0.258	ng/ul	
25) Dibenzo(a,h)anthracene	25.76	278	3092m	0.085	ng/ul	
26) Benzo(g,h,i)perylene	26.44	276	8664m	0.229	ng/ul	

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

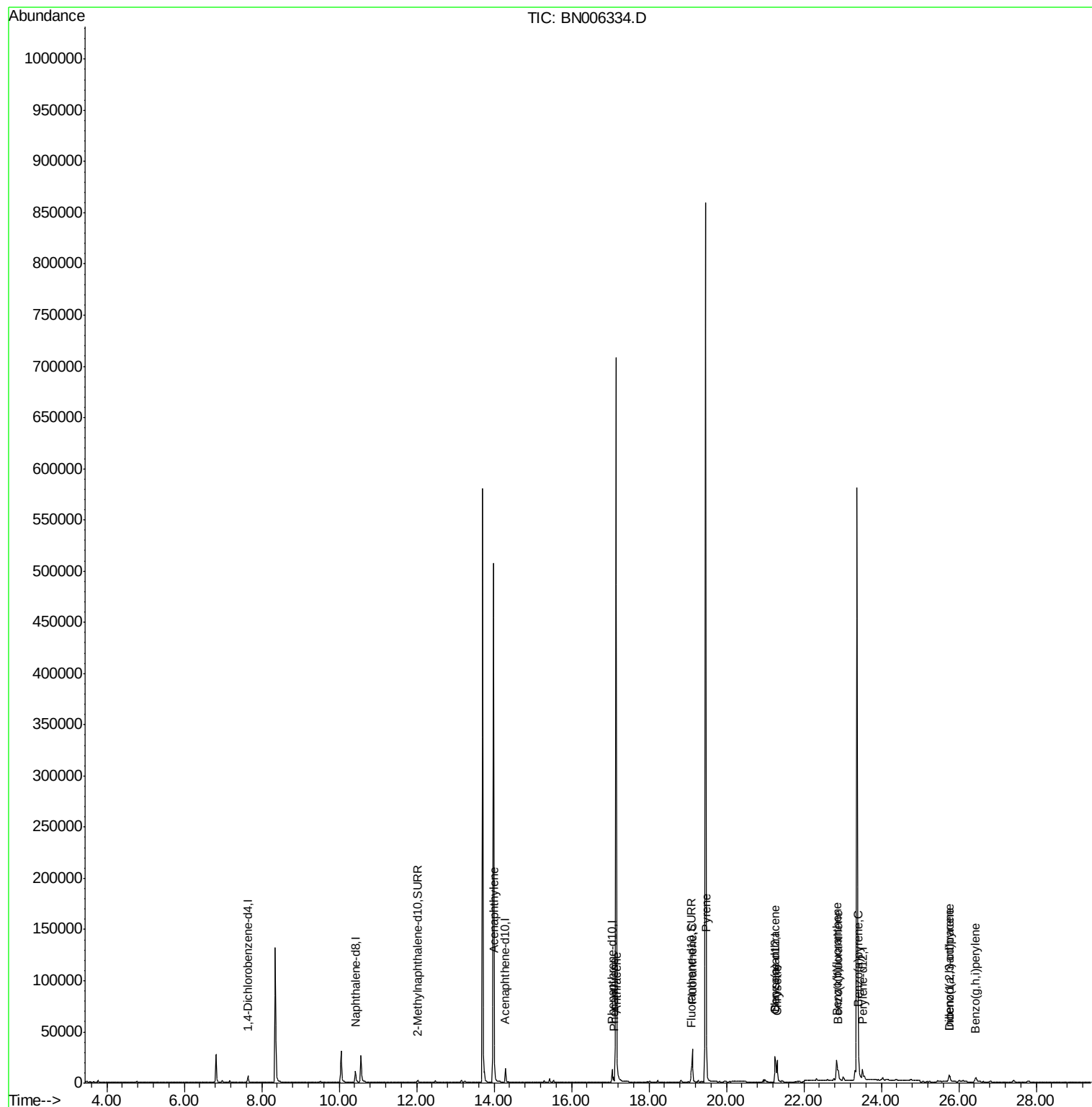
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061419\
Data File : BN006334.D
Acq On : 14 Jun 2019 13:56
Operator : JU/SJ
Sample : K3332-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

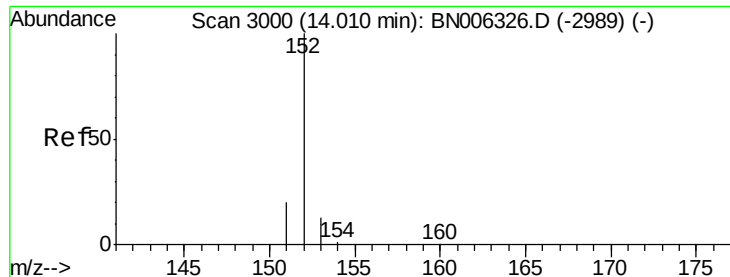
Instrument :
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#7

Acenaphthylene

Concen: 0.101 ng/ul

RT: 14.01 min Scan# 3000

Delta R.T. -0.00 min

Lab File: BN006334.D

Acq: 14 Jun 2019 13:56

Instrument :

BNA_N

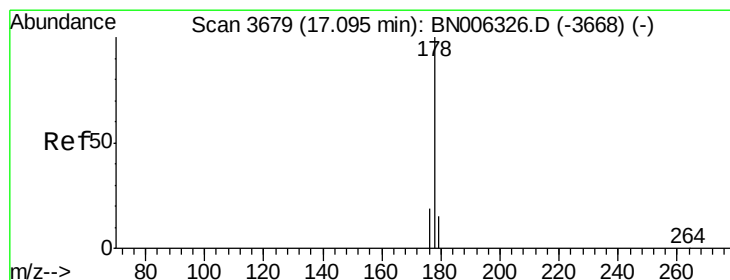
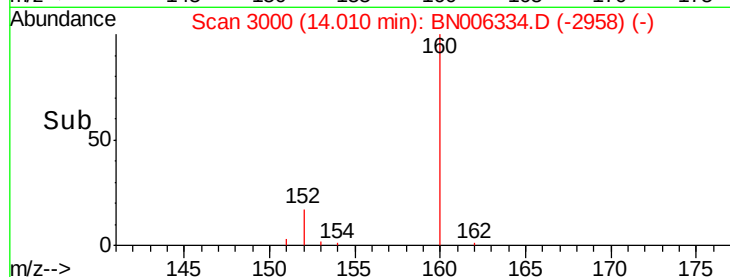
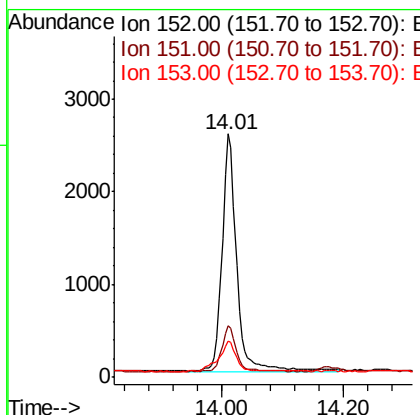
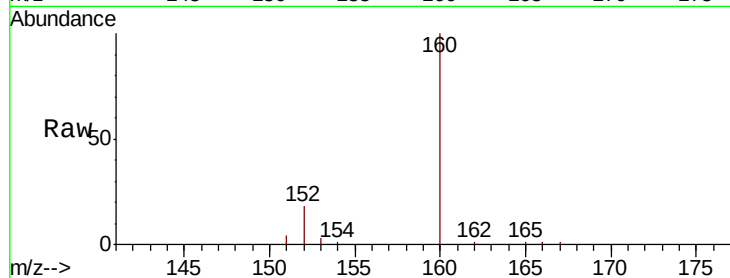
ClientSampleId :

A4230

Tgt Ion:	152	Resp:	4278
Ion Ratio	Lower	Upper	
152	100		
151	21.2	15.8	23.8
153	15.1	10.8	16.2

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#12

Phenanthrene

Concen: 0.125 ng/ul

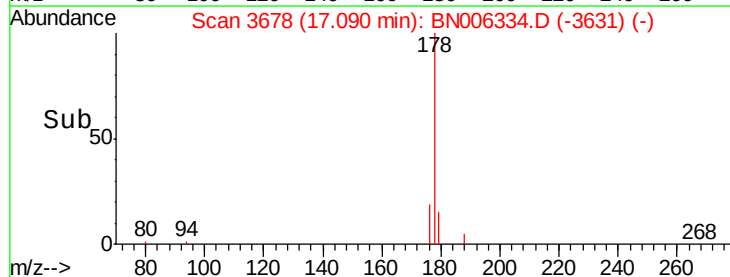
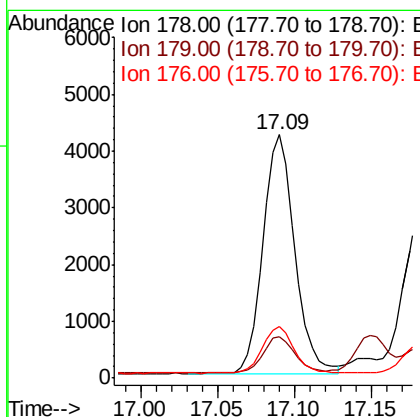
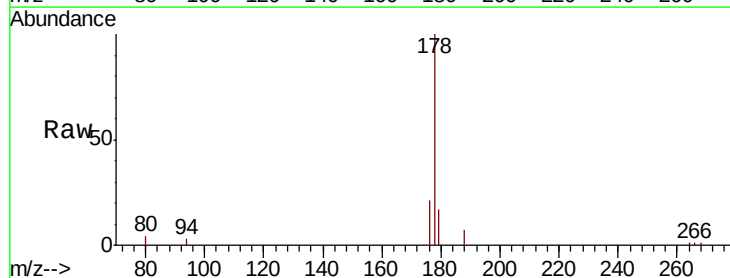
RT: 17.09 min Scan# 3678

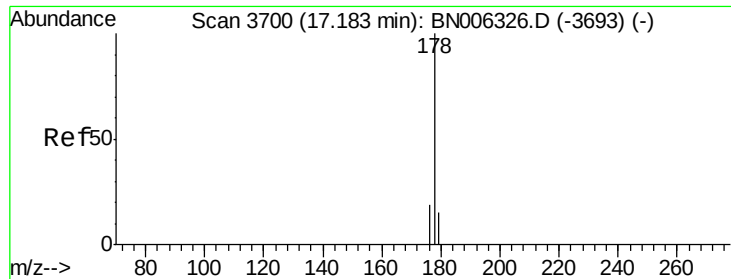
Delta R.T. 0.00 min

Lab File: BN006334.D

Acq: 14 Jun 2019 13:56

Tgt Ion:	178	Resp:	6084
Ion Ratio	Lower	Upper	
178	100		
179	17.1	12.3	18.5
176	20.9	15.3	22.9





#13

Anthracene

Concen: 0.092 ng/ul m

RT: 17.18 min Scan# 3700

Delta R.T. 0.00 min

Lab File: BN006334.D

Acq: 14 Jun 2019 13:56

Instrument :

BNA_N

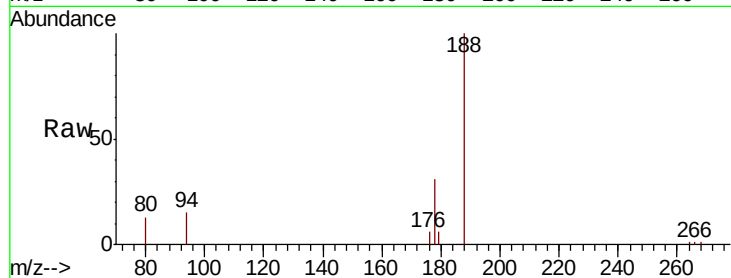
ClientSampleId :

A4230

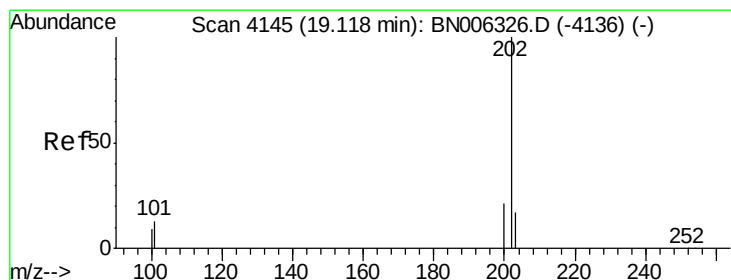
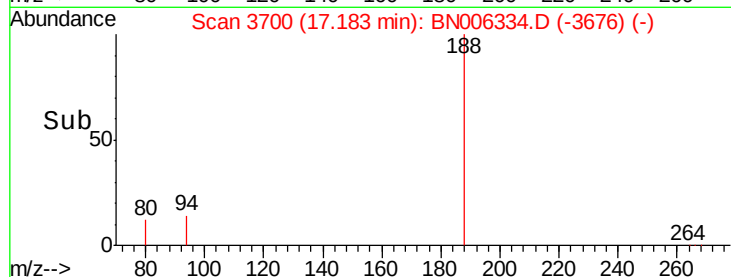
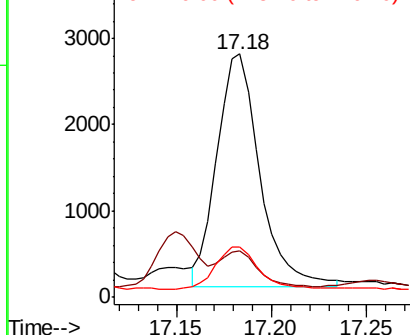
Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.9	12.2	18.4#
176	20.6	15.1	22.7

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



#15

Fluoranthene

Concen: 0.522 ng/ul m

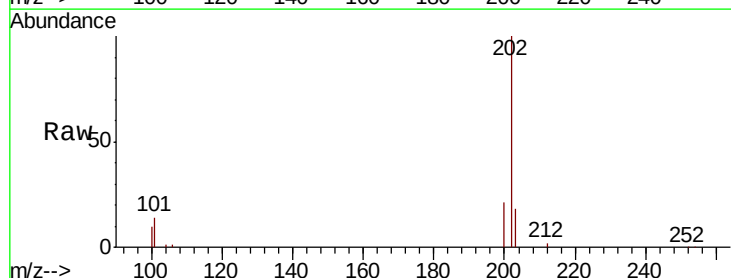
RT: 19.12 min Scan# 4145

Delta R.T. -0.00 min

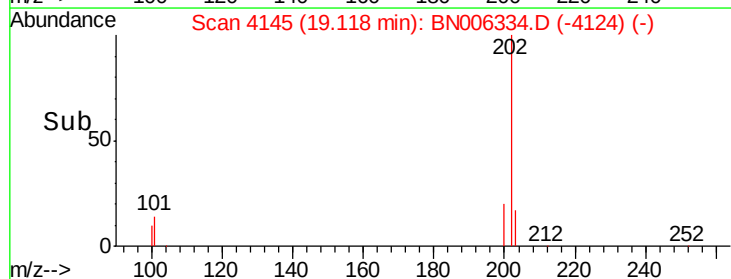
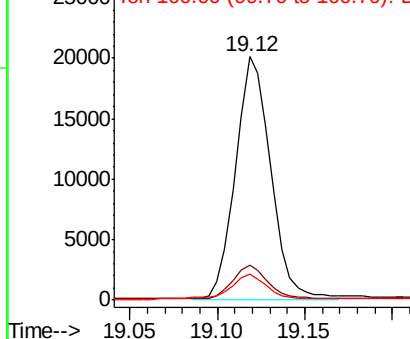
Lab File: BN006334.D

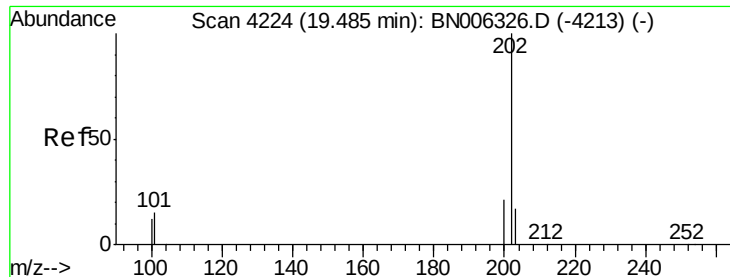
Acq: 14 Jun 2019 13:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	32.1
100	10.5	0.0	28.7



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





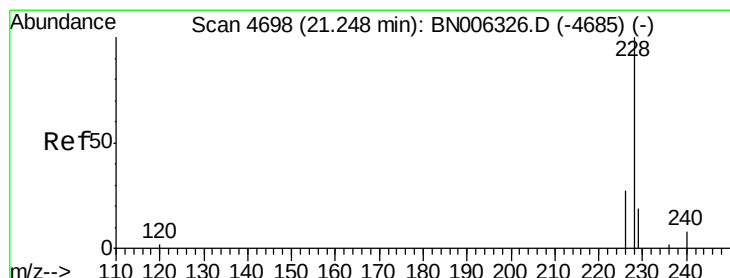
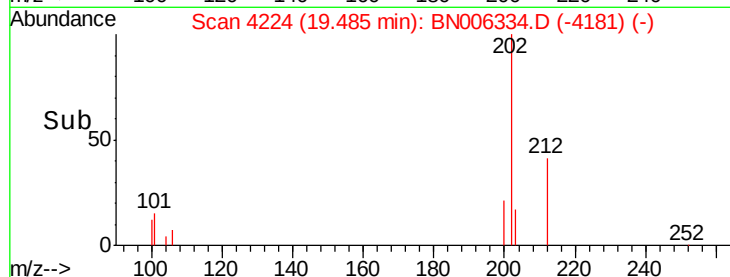
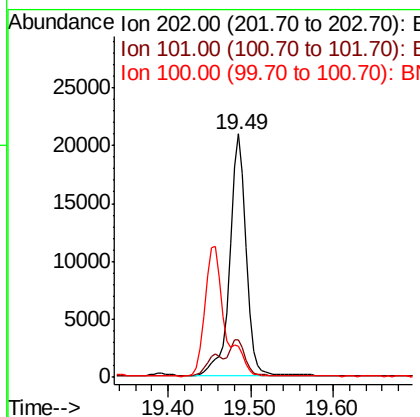
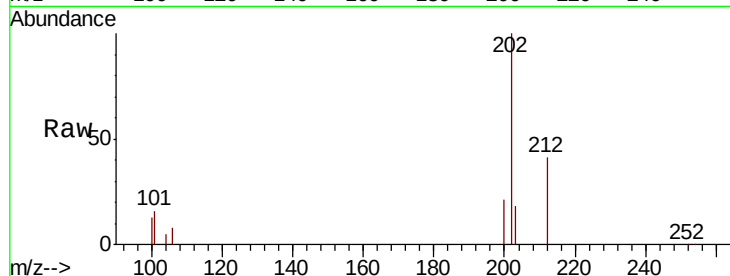
#17
Pyrene
Concen: 0.469 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. 0.00 min
Lab File: BN006334.D
Acq: 14 Jun 2019 13:56

Instrument :
BNA_N
ClientSampled :
A4230

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.7	12.2	18.2
100	12.7	9.8	14.6

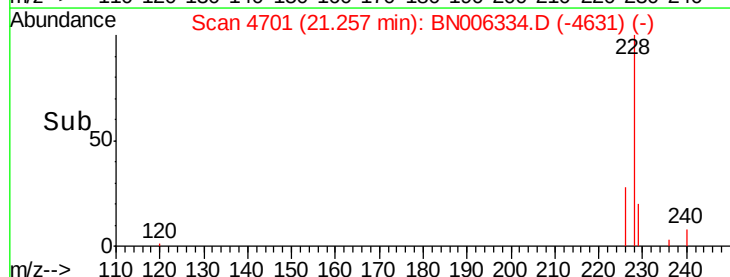
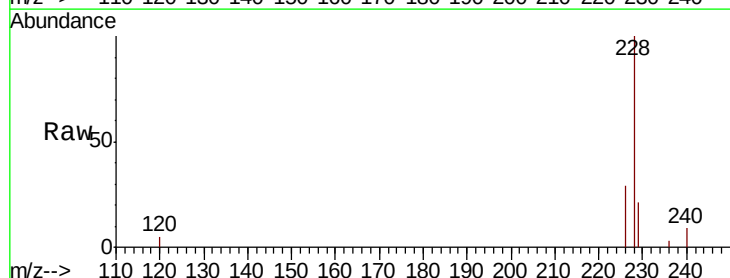
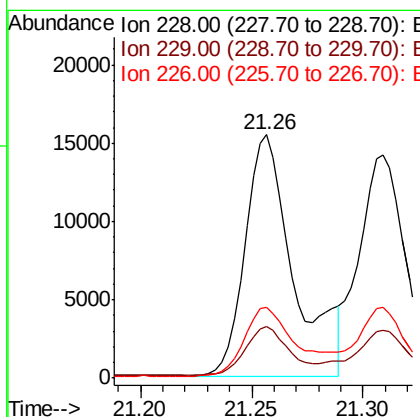
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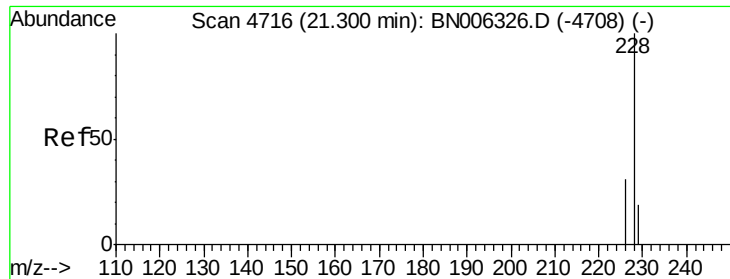
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#18
Benzo(a)anthracene
Concen: 0.458 ng/ul
RT: 21.26 min Scan# 4701
Delta R.T. 0.01 min
Lab File: BN006334.D
Acq: 14 Jun 2019 13:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.9	16.5	24.7
226	29.3	22.8	34.2





#19

Chrysene

Concen: 0.454 ng/ul

RT: 21.31 min Scan# 4719

Delta R.T. 0.01 min

Lab File: BN006334.D

Acq: 14 Jun 2019 13:56

Instrument :

BNA_N

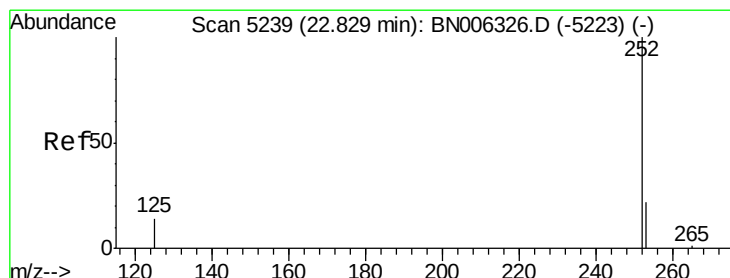
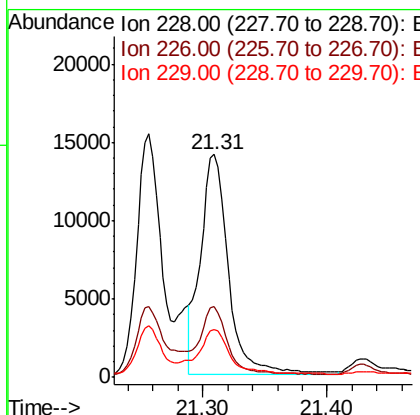
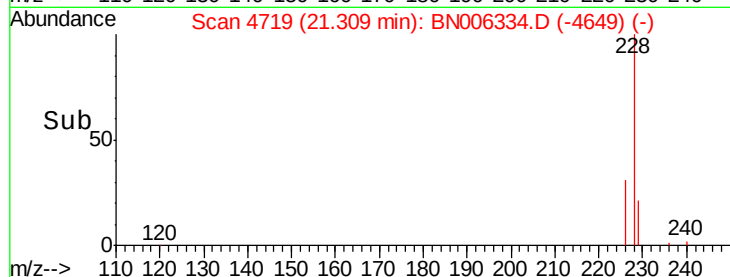
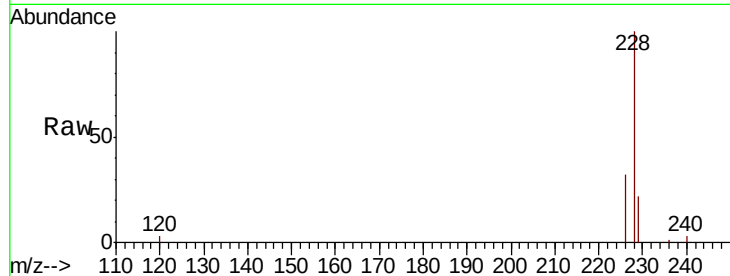
ClientSampleId :

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Tgt Ion:	228	Resp:	21823
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.0	37.6
229	21.5	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 0.713 ng/ul m

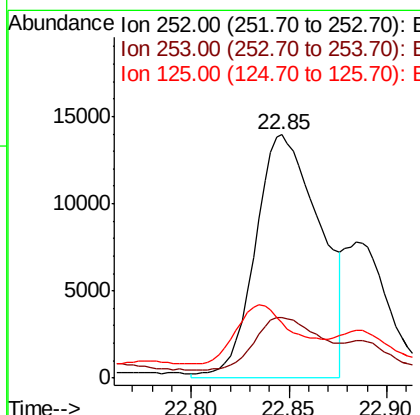
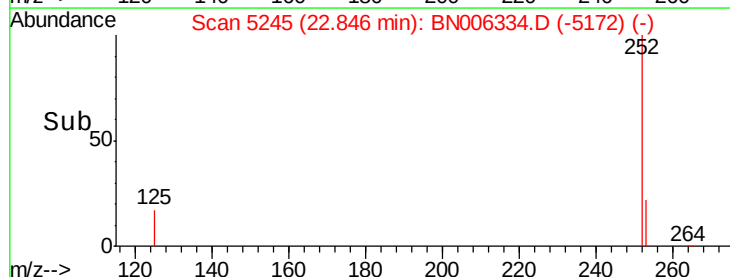
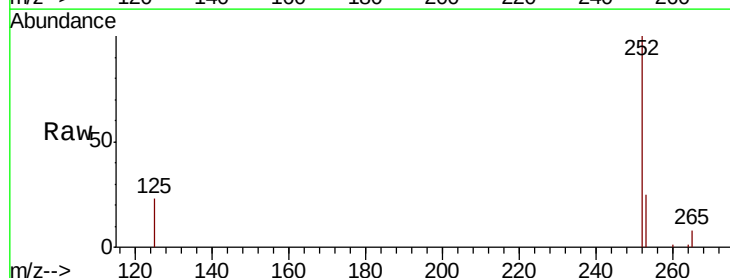
RT: 22.85 min Scan# 5245

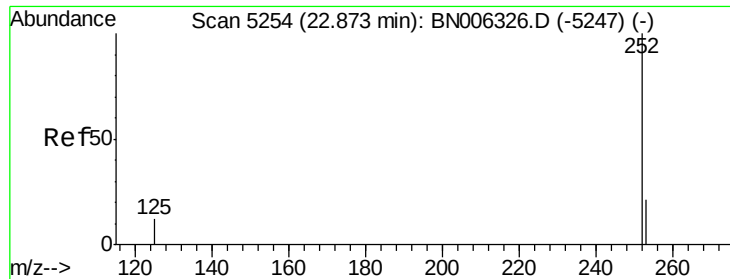
Delta R.T. 0.01 min

Lab File: BN006334.D

Acq: 14 Jun 2019 13:56

Tgt Ion:	252	Resp:	32019
Ion Ratio	Lower	Upper	
252	100		
253	24.9	0.0	51.4
125	22.5	0.0	41.0





#22

Benzo(k)fluoranthene

Concen: 0.302 ng/ul m

RT: 22.88 min Scan# 5258

Delta R.T. 0.01 min

Lab File: BN006334.D

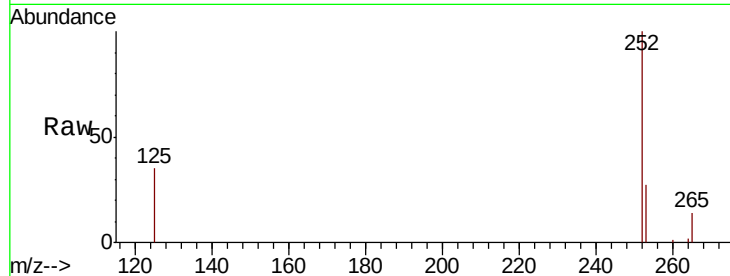
Acq: 14 Jun 2019 13:56

Instrument :

BNA_N

ClientSampleId :

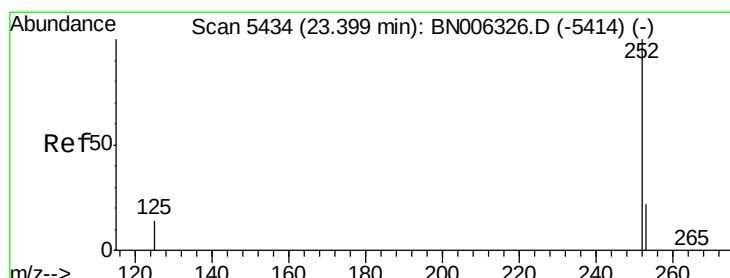
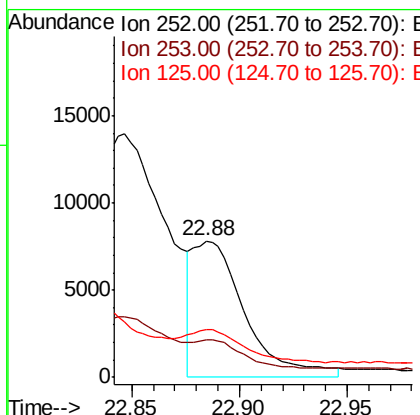
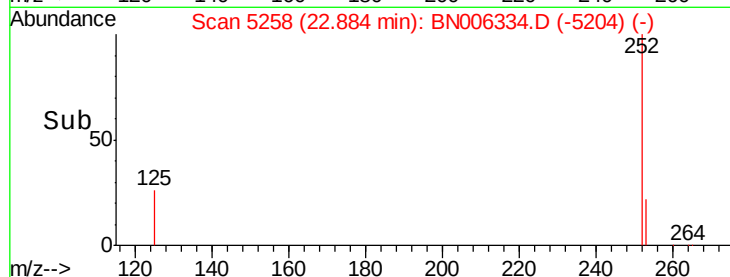
A4230



Tgt Ion:	252	Resp:	13229
Ion Ratio	Lower	Upper	
252	100		
253	27.2	20.3	30.5
125	35.4	14.3	21.5#

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#23

Benzo(a)pyrene

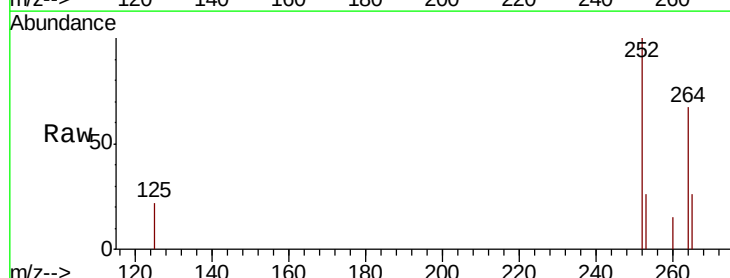
Concen: 0.408 ng/ul m

RT: 23.42 min Scan# 5440

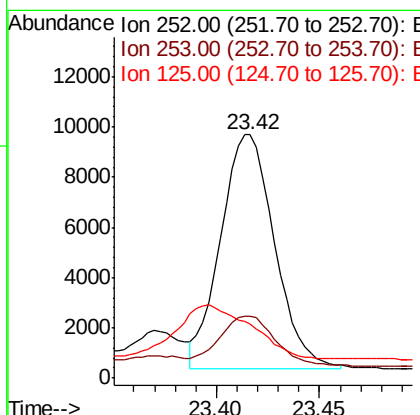
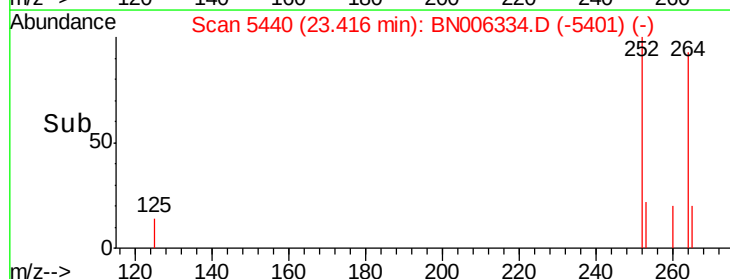
Delta R.T. 0.01 min

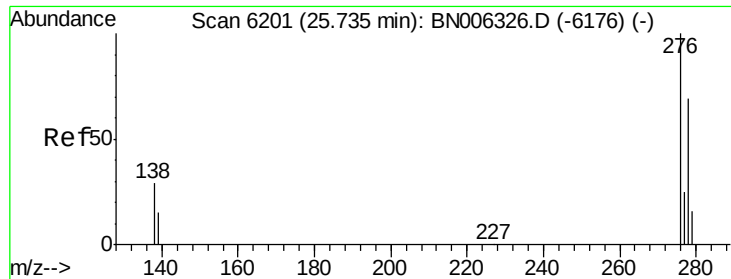
Lab File: BN006334.D

Acq: 14 Jun 2019 13:56



Tgt Ion:	252	Resp:	17052
Ion Ratio	Lower	Upper	
252	100		
253	25.6	21.1	31.7
125	22.2	20.3	30.5





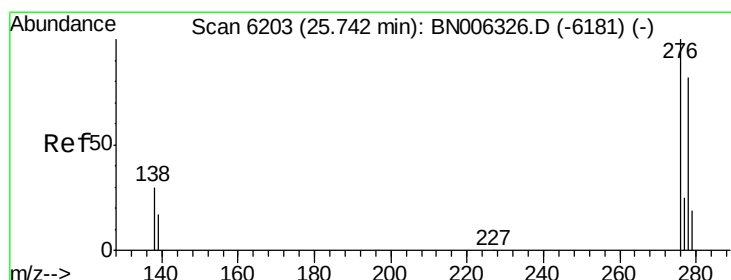
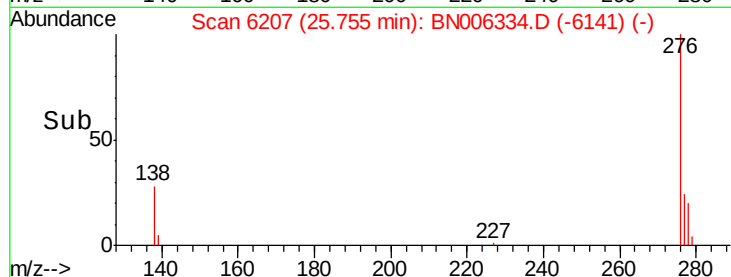
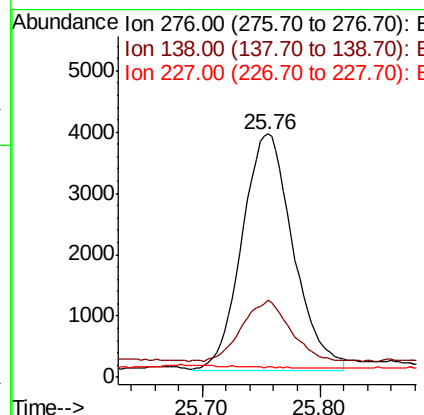
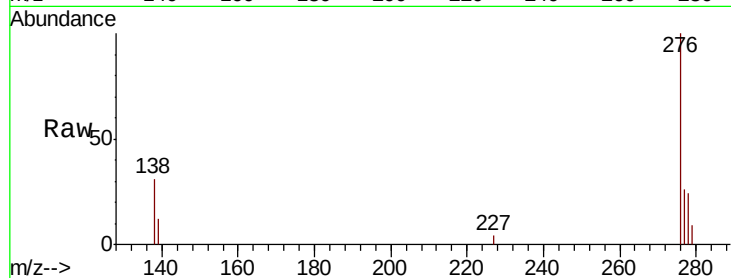
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.258 ng/ul m
 RT: 25.76 min Scan# 6207
 Delta R.T. 0.02 min
 Lab File: BN006334.D
 Acq: 14 Jun 2019 13:56

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Tgt Ion	Ratio	Lower	Upper
276	100		
138	2.0	25.6	38.4#
227	0.1	0.3	0.5#

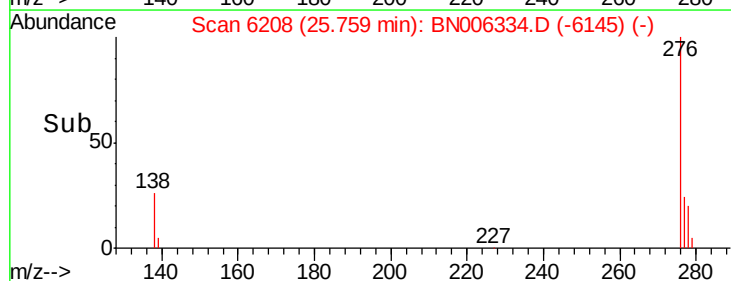
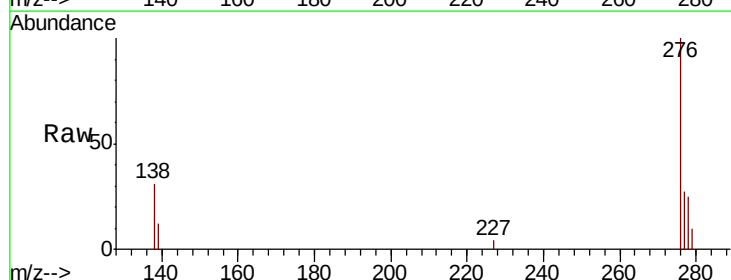
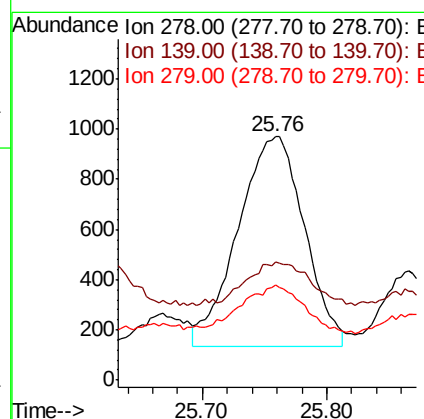
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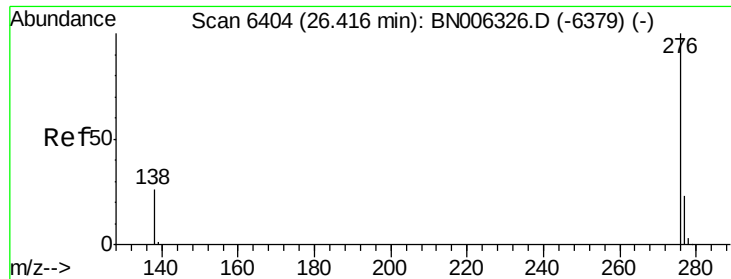
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.085 ng/ul m
 RT: 25.76 min Scan# 6208
 Delta R.T. 0.01 min
 Lab File: BN006334.D
 Acq: 14 Jun 2019 13:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	48.5	21.2	31.8#
279	39.1	22.6	33.8#





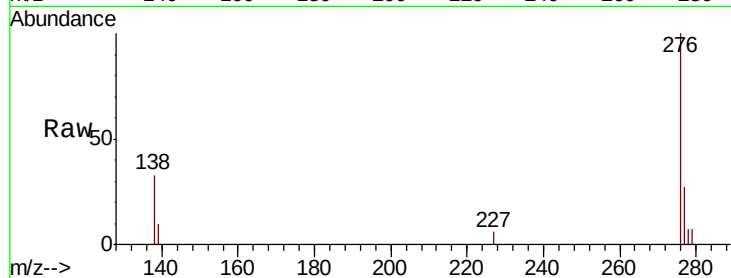
#26
Benzo(g,h,i)perylene
Concen: 0.229 ng/ul m
RT: 26.44 min Scan# 6410
Delta R.T. 0.01 min
Lab File: BN006334.D
Acq: 14 Jun 2019 13:56

Instrument :
BNA_N
ClientSampleId :
A4230

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.2	24.2	36.4
277	26.7	21.5	32.3

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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

