

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061419\
 Data File : BN006335.D
 Acq On : 14 Jun 2019 14:31
 Operator : JU/SJ
 Sample : K3332-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4231

Manual Integrations
 APPROVED

mohammad
 6/17/2019 8:28:57 AM

Quant Time: Jun 14 17:44:22 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	4206	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	15957	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	8150	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	15067m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	11178m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	10325m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	5054	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	10706m	0.26	ng/ul	0.00
Target Compounds				Qvalue		
7) Acenaphthylene	14.01	152	1006	0.022	ng/ul#	80
12) Phenanthrene	17.09	178	3804	0.079	ng/ul	93
15) Fluoranthene	19.12	202	10970m	0.205	ng/ul	
17) Pyrene	19.49	202	12222	0.208	ng/ul	96
18) Benzo(a)anthracene	21.25	228	5447	0.110	ng/ul	94
19) Chrysene	21.31	228	5478m	0.118	ng/ul	
21) Benzo(b)fluoranthene	22.84	252	7771m	0.180	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	2992m	0.071	ng/ul	
23) Benzo(a)pyrene	23.41	252	5399m	0.135	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.75	276	3590m	0.083	ng/ul	
25) Dibenzo(a,h)anthracene	25.75	278	962m	0.028	ng/ul	
26) Benzo(g,h,i)perylene	26.43	276	3200m	0.088	ng/ul	

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

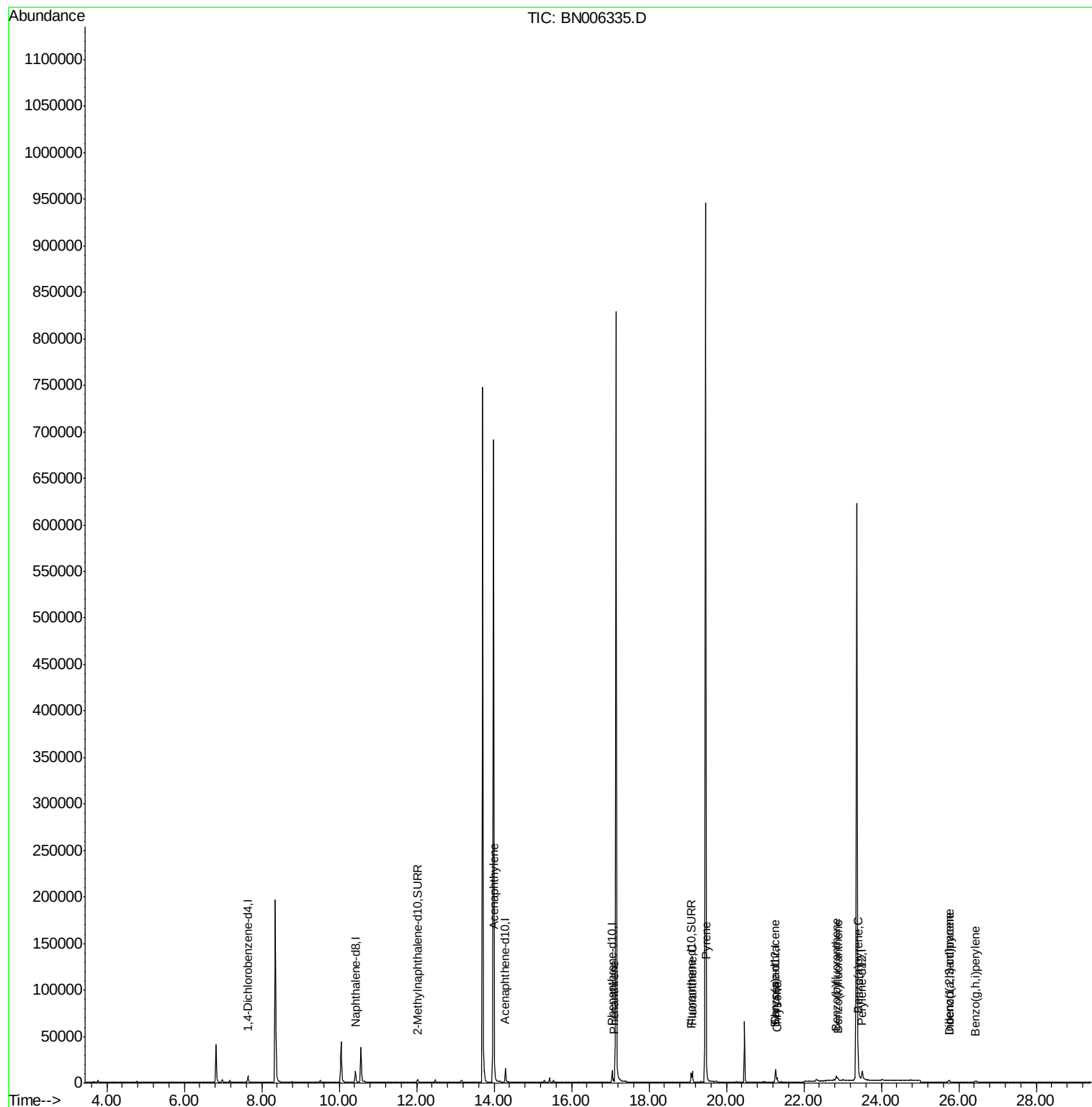
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061419\
Data File : BN006335.D
Acq On : 14 Jun 2019 14:31
Operator : JU/SJ
Sample : K3332-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

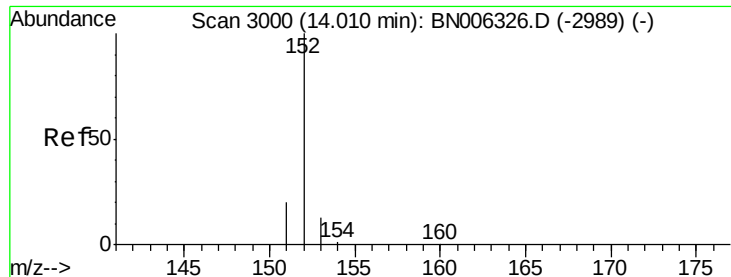
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.022 ng/ul

RT: 14.01 min Scan# 3000

Delta R.T. -0.00 min

Lab File: BN006335.D

Acq: 14 Jun 2019 14:31

Instrument :

BNA_N

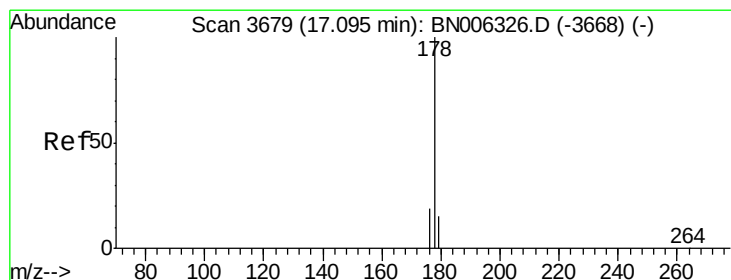
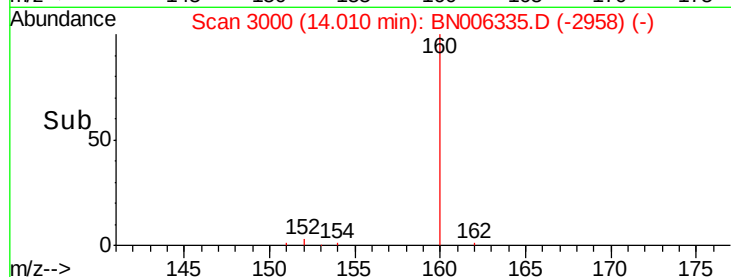
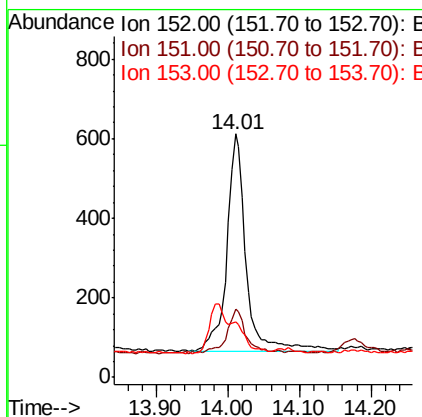
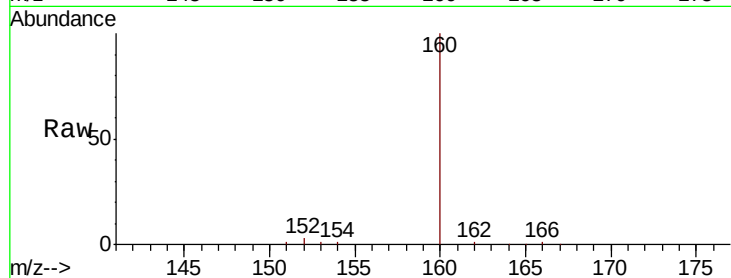
ClientSampleId :

A4231

Tgt Ion	Ratio	Lower	Upper
152	100		
151	28.3	15.8	23.8#
153	22.9	10.8	16.2#

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#12

Phenanthrene

Concen: 0.079 ng/ul

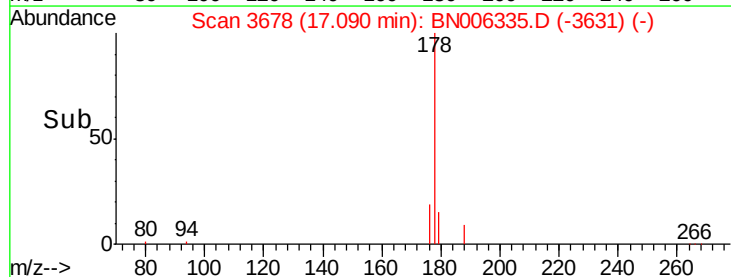
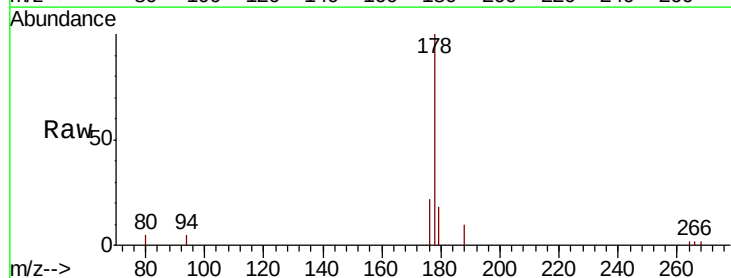
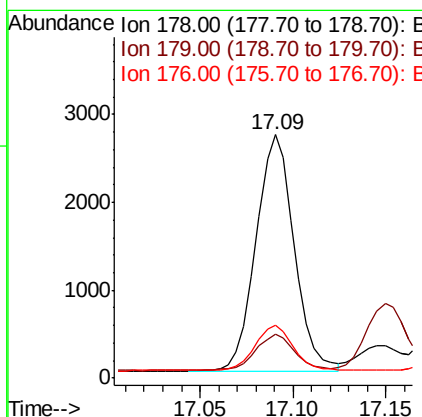
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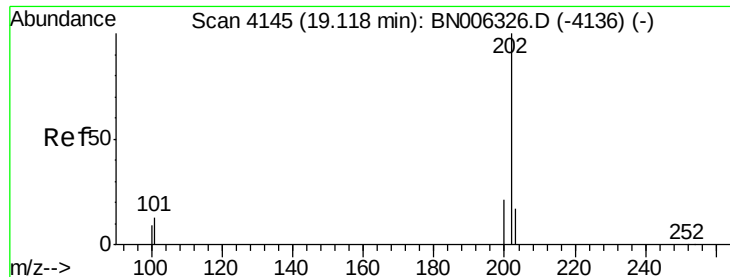
Delta R.T. 0.00 min

Lab File: BN006335.D

Acq: 14 Jun 2019 14:31

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.2	12.3	18.5
176	22.0	15.3	22.9





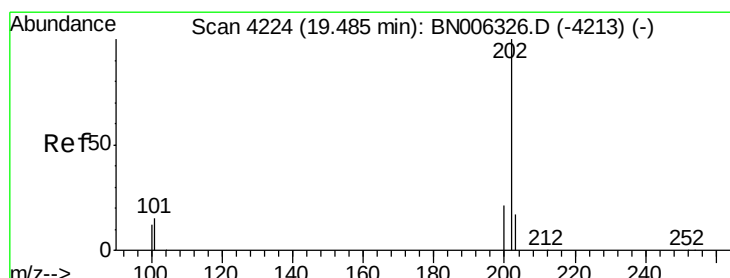
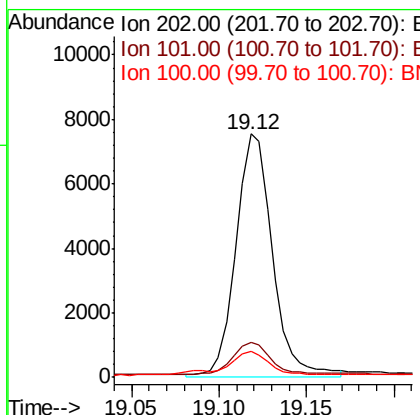
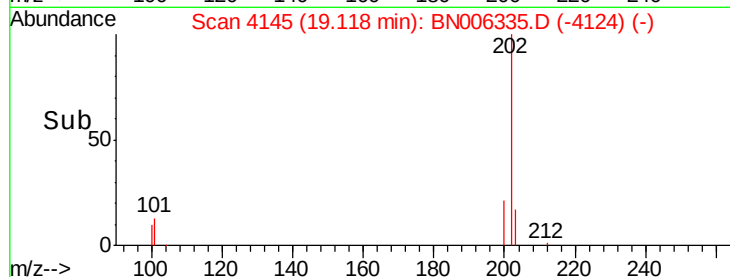
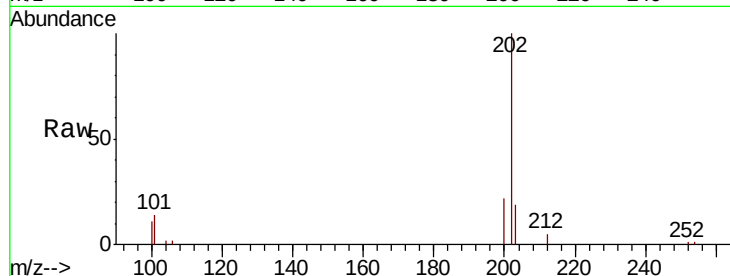
#15
Fluoranthene
Concen: 0.205 ng/ul m
RT: 19.12 min Scan# 4145
Delta R.T. -0.00 min
Lab File: BN006335.D
Acq: 14 Jun 2019 14:31

Instrument :
BNA_N
ClientSampleId :
A4231

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	10970		
101	14.4	0.0	32.1	
100	10.8	0.0	28.7	

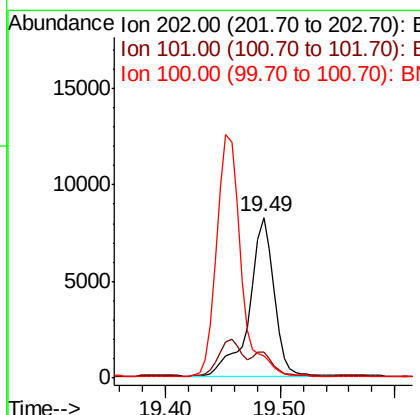
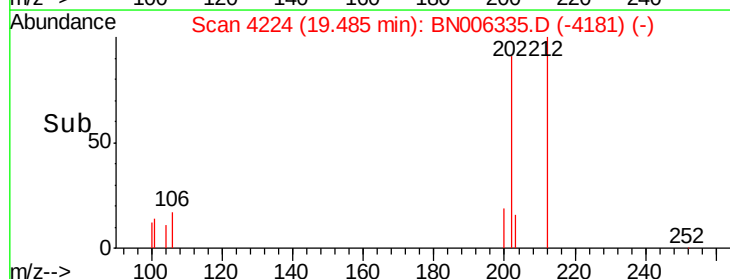
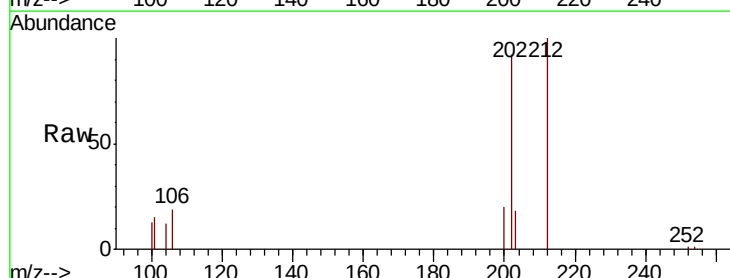
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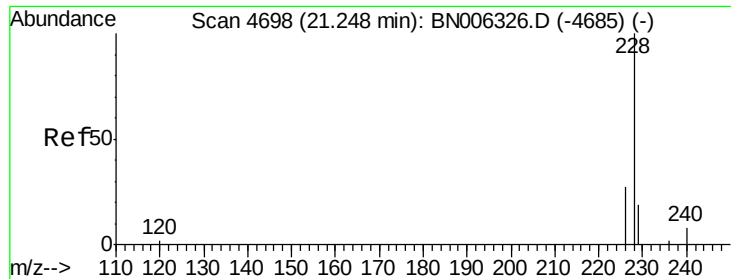
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#17
Pyrene
Concen: 0.208 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. 0.00 min
Lab File: BN006335.D
Acq: 14 Jun 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	12222		
101	16.2	12.2	18.2	
100	14.2	9.8	14.6	





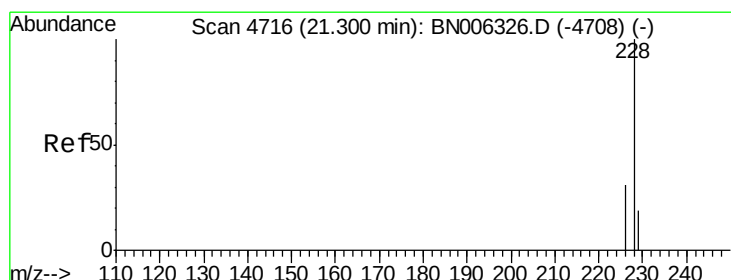
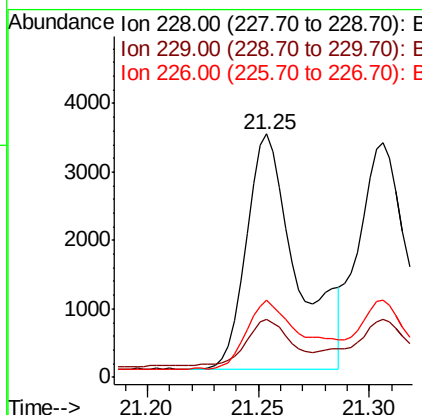
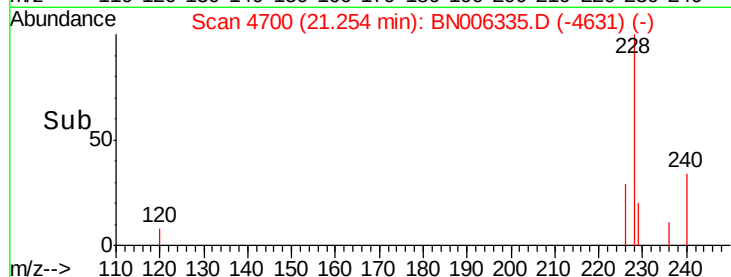
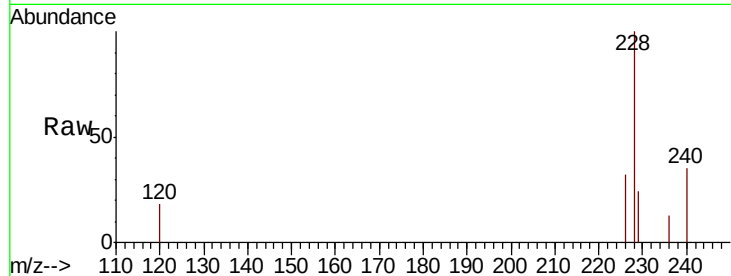
#18
Benzo(a)anthracene
Concen: 0.110 ng/ul
RT: 21.25 min Scan# 4700
Delta R.T. 0.00 min
Lab File: BN006335.D
Acq: 14 Jun 2019 14:31

Instrument :
BNA_N
ClientSampleId :
A4231

Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.0	16.5	24.7
226	31.5	22.8	34.2

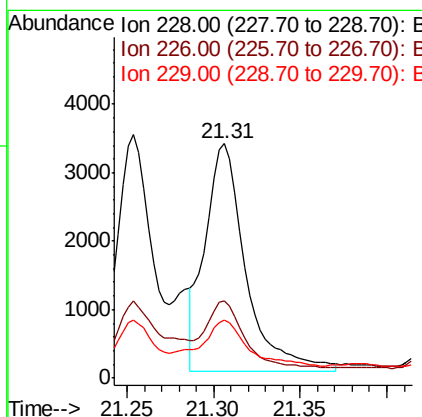
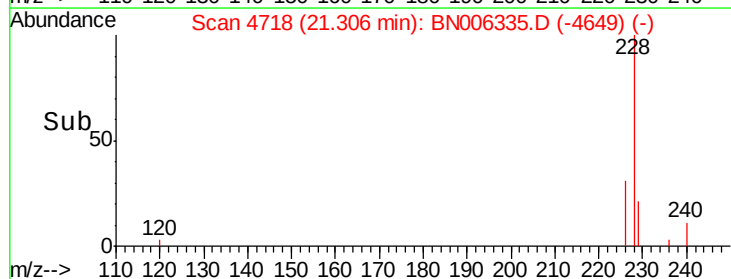
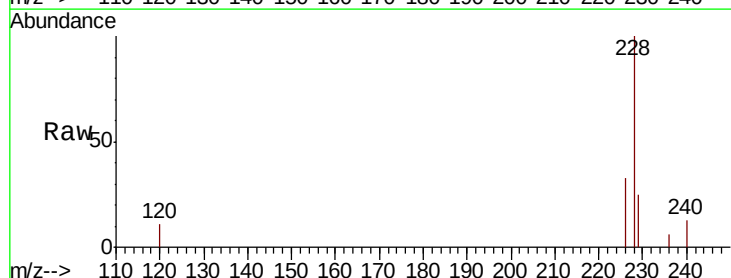
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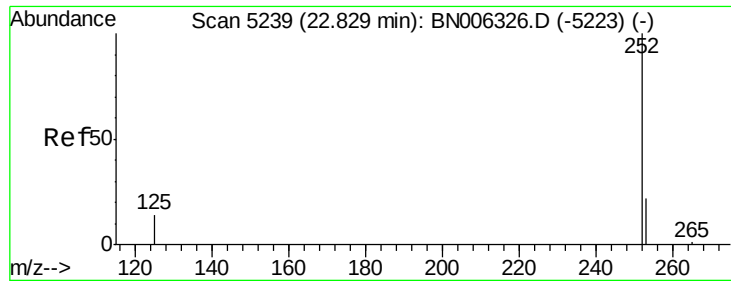
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#19
Chrysene
Concen: 0.118 ng/ul m
RT: 21.31 min Scan# 4718
Delta R.T. 0.00 min
Lab File: BN006335.D
Acq: 14 Jun 2019 14:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.0	37.6
229	25.0	16.3	24.5#





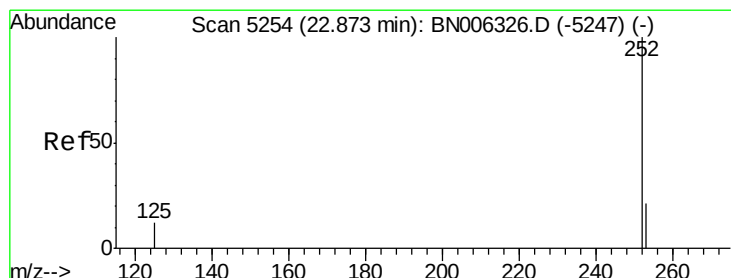
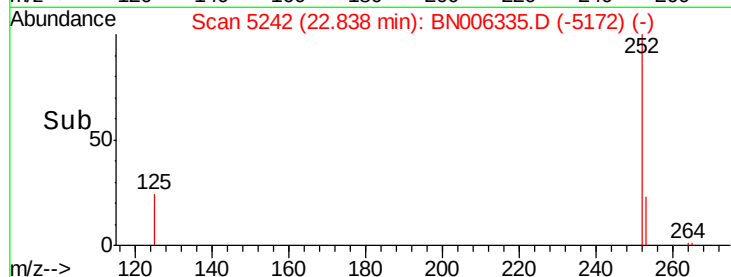
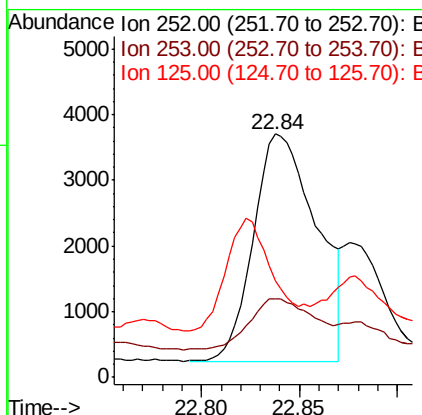
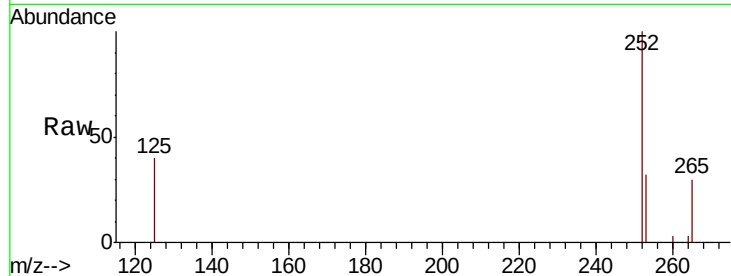
#21
Benzo(b)fluoranthene
Concen: 0.180 ng/ul m
RT: 22.84 min Scan# 5242
Delta R.T. 0.01 min
Lab File: BN006335.D
Acq: 14 Jun 2019 14:31

Instrument :
BNA_N
ClientSampleId :
A4231

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	7771		
253	32.3	0.0	51.4	
125	39.8	0.0	41.0	

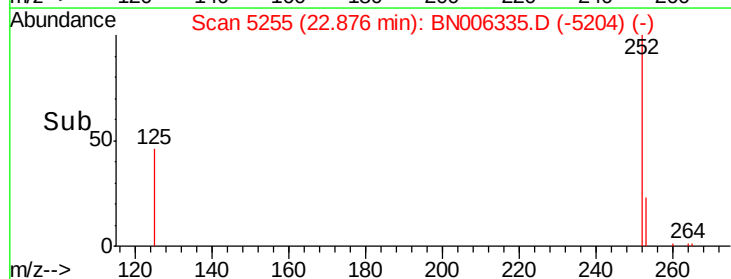
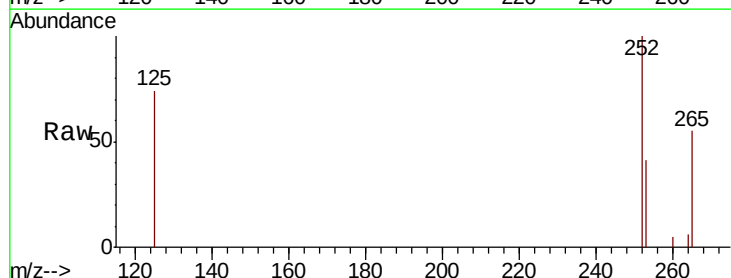
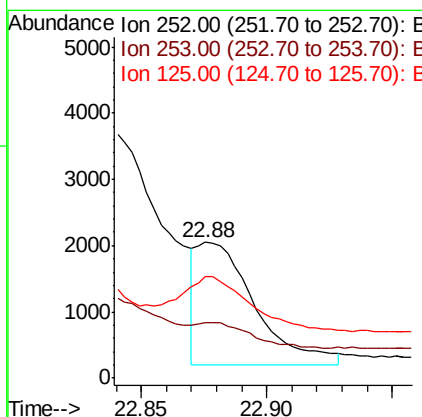
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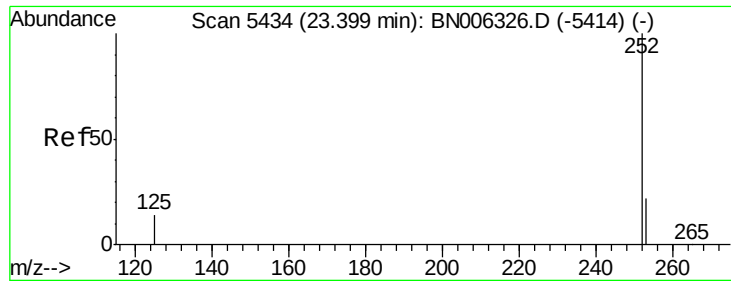
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#22
Benzo(k)fluoranthene
Concen: 0.071 ng/ul m
RT: 22.88 min Scan# 5255
Delta R.T. 0.00 min
Lab File: BN006335.D
Acq: 14 Jun 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	2992		
253	40.5	20.3	30.5#	
125	74.4	14.3	21.5#	





#23

Benzo(a)pyrene

Concen: 0.135 ng/ul m

RT: 23.41 min Scan# 5437

Delta R.T. 0.01 min

Lab File: BN006335.D

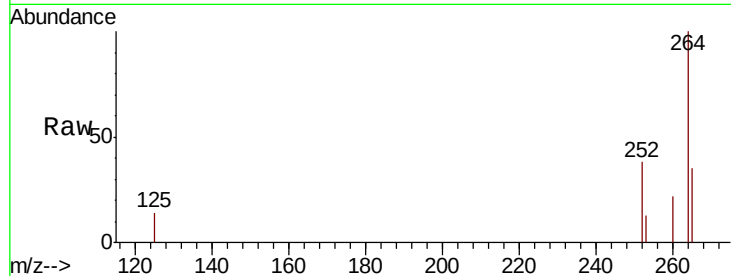
Acq: 14 Jun 2019 14:31

Instrument :

BNA_N

ClientSampleId :

A4231



Tgt Ion: 252 Resp: 5399

Ion Ratio Lower Upper

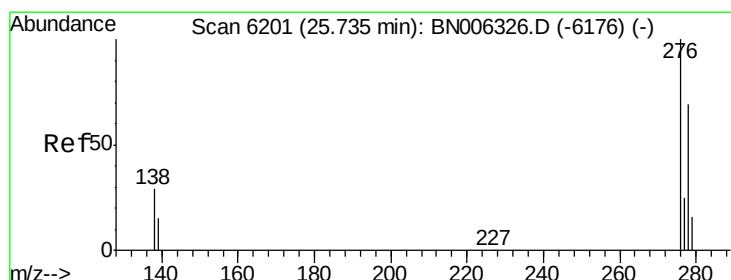
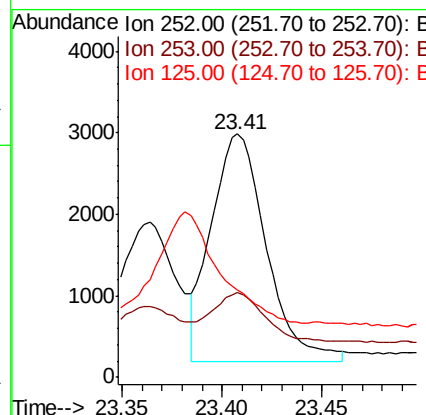
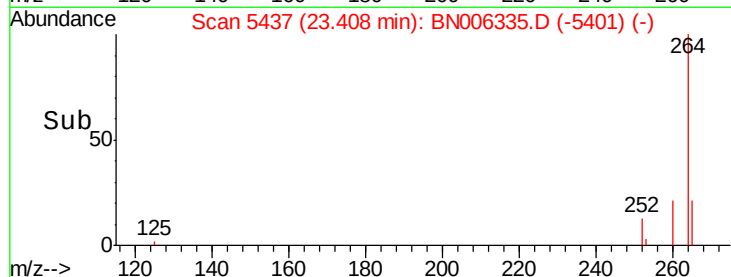
252 100

253 34.8 21.1 31.7#

125 35.8 20.3 30.5#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.083 ng/ul m

RT: 25.75 min Scan# 6205

Delta R.T. 0.01 min

Lab File: BN006335.D

Acq: 14 Jun 2019 14:31

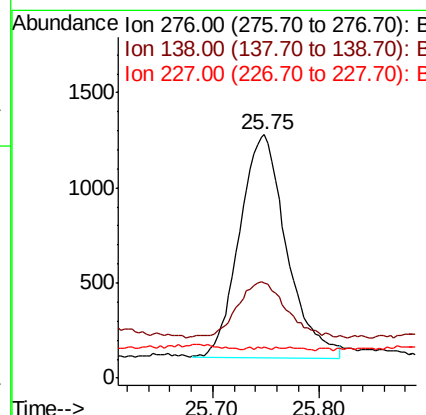
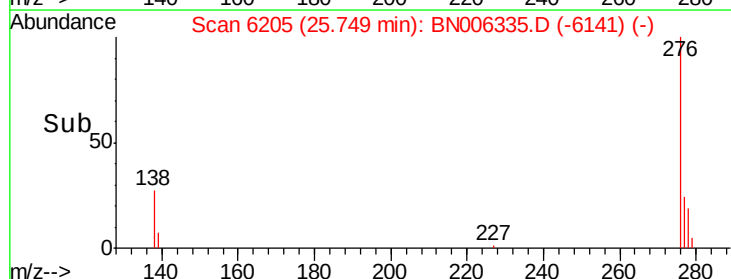
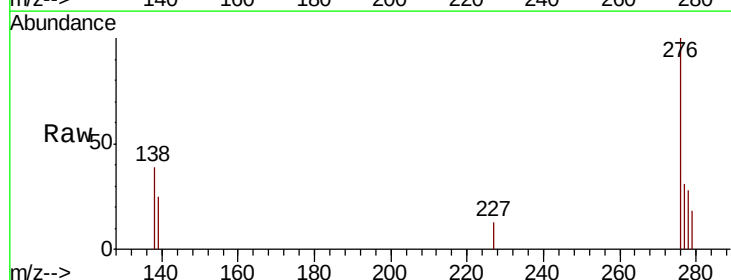
Tgt Ion: 276 Resp: 3590

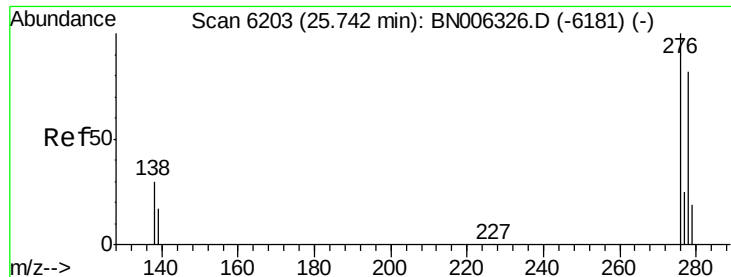
Ion Ratio Lower Upper

276 100

138 2.5 25.6 38.4#

227 0.1 0.3 0.5#





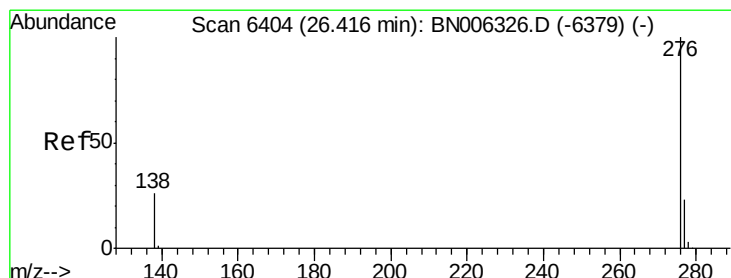
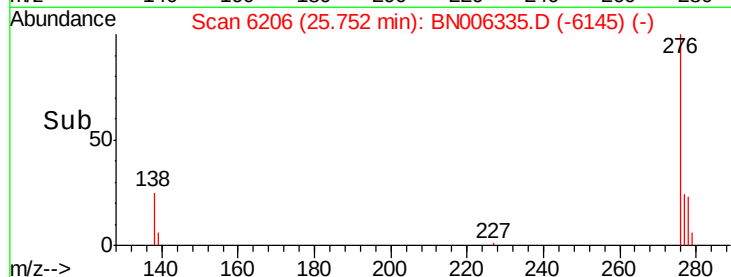
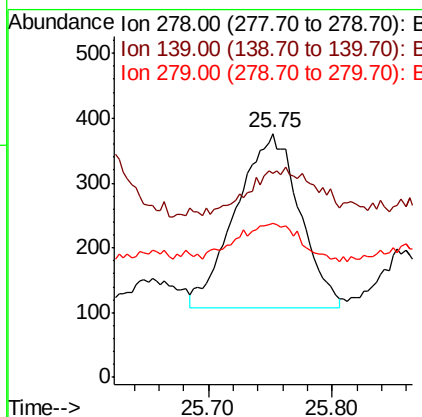
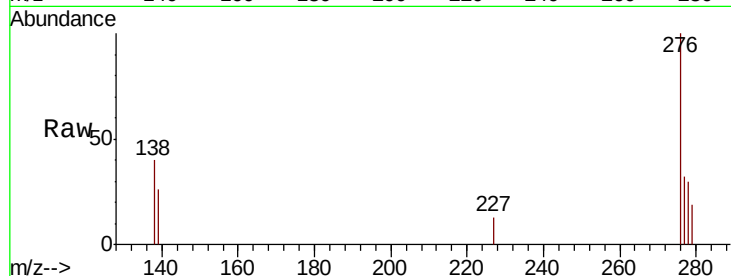
#25
Dibenzo(a,h)anthracene
Concen: 0.028 ng/ul m
RT: 25.75 min Scan# 6206
Delta R.T. 0.00 min
Lab File: BN006335.D
Acq: 14 Jun 2019 14:31

Instrument :
BNA_N
ClientSampleId :
A4231

Tgt Ion	Ratio	Lower	Upper
278	100		
139	83.8	21.2	31.8#
279	63.3	22.6	33.8#

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#26
Benzo(g,h,i)perylene
Concen: 0.088 ng/ul m
RT: 26.43 min Scan# 6407
Delta R.T. 0.00 min
Lab File: BN006335.D
Acq: 14 Jun 2019 14:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	41.7	24.2	36.4#
277	31.9	21.5	32.3

