

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006253.D
 Acq On : 11 Jun 2019 19:13
 Operator : JU/SJ
 Sample : K3083-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51F7

Manual Integrations
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mohammad
 6/12/2019 8:19:01 AM

Quant Time: Jun 12 03:47:34 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 : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	6237	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	24173	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	12233	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	22034m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	14214m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	13981m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	7416	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	11373m	0.19	ng/ul	0.00
Target Compounds						Ovalue
3) Naphthalene	10.47	128	8597	0.129	ng/ul	97
5) 2-Methylnaphthalene	12.10	142	3142	0.068	ng/ul	99
7) Acenaphthylene	14.01	152	2967	0.044	ng/ul#	89
8) Acenaphthene	14.36	153	16736	0.355	ng/ul	99
9) Fluorene	15.35	166	12228	0.222	ng/ul	98
12) Phenanthrene	17.09	178	150889m	2.133	ng/ul	
13) Anthracene	17.18	178	28770m	0.426	ng/ul	
15) Fluoranthene	19.12	202	231015m	2.958	ng/ul	
17) Pyrene	19.49	202	182095	2.432	ng/ul	100
18) Benzo(a)anthracene	21.25	228	79010	1.257	ng/ul	99
19) Chrysene	21.30	228	92304	1.564	ng/ul	98
21) Benzo(b)fluoranthene	22.83	252	122247m	2.097	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	42196m	0.743	ng/ul	
23) Benzo(a)pyrene	23.40	252	72983m	1.344	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.73	276	52610m	0.895	ng/ul	
25) Dibenzo(a,h)anthracene	25.73	278	12634m	0.269	ng/ul	
26) Benzo(a,h,i)perylene	26.41	276	47100m	0.957	ng/ul	

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

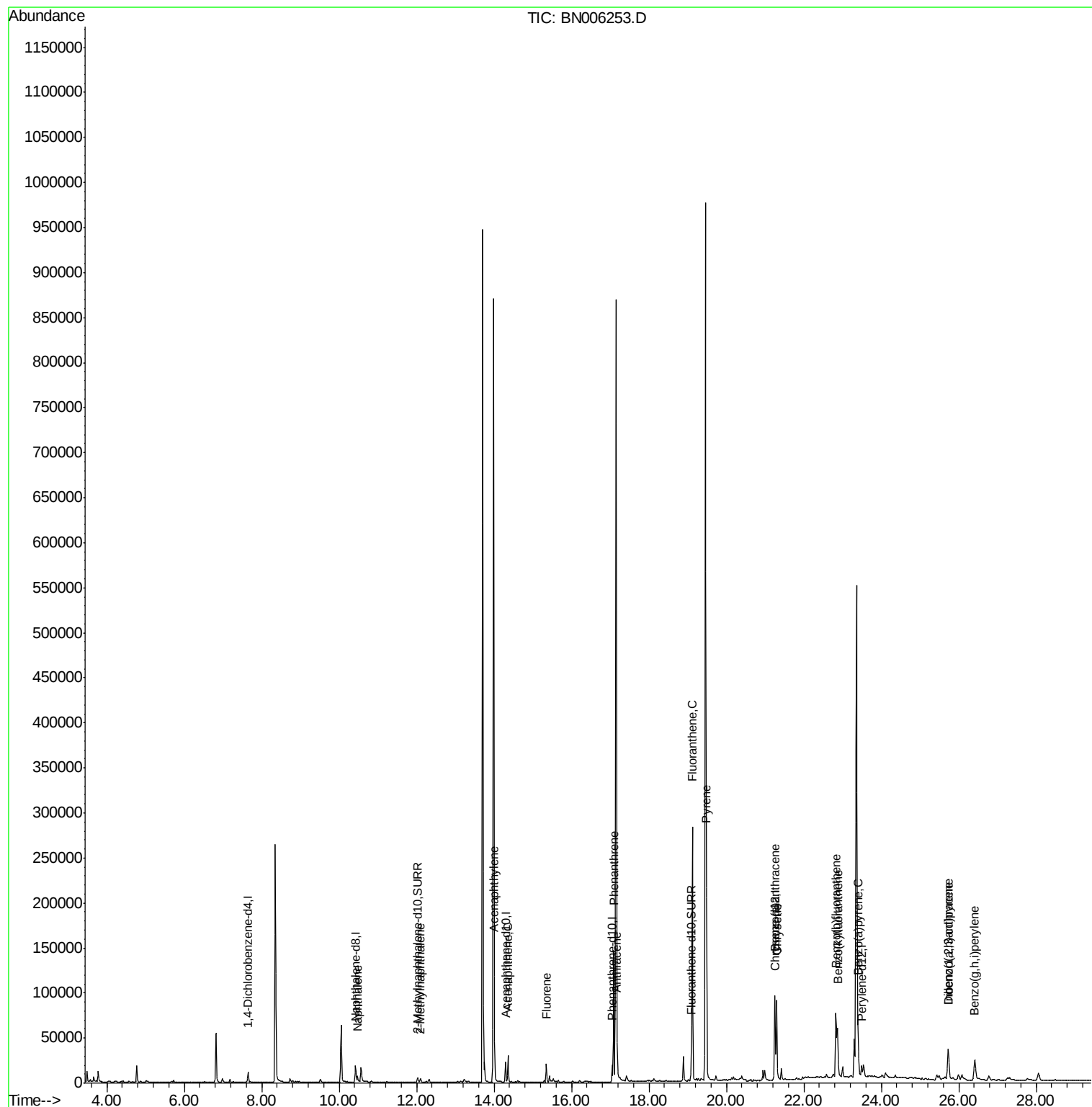
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
Data File : BN006253.D
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Sample : K3083-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

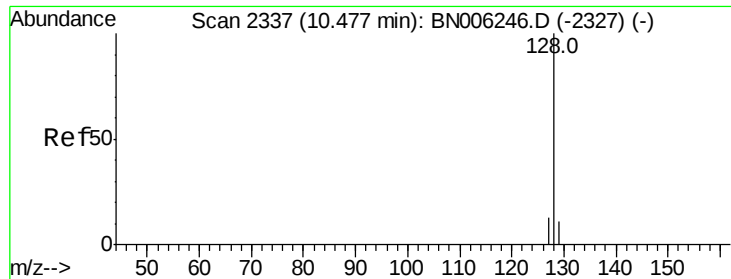
Instrument :
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Quant Time: Jun 12 03:47:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.129 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN006253.D

Acq: 11 Jun 2019 19:13

Instrument :

BNA_N

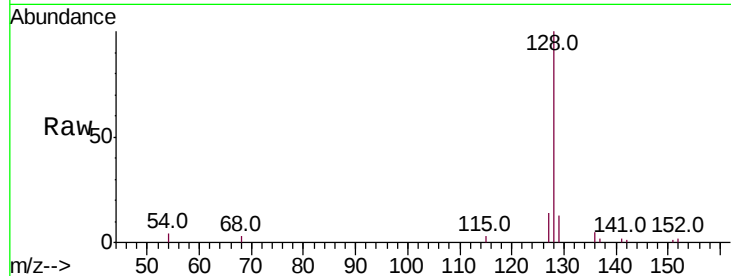
ClientSampleId :

A51F7

Tot Ion:128	Resp:	8597
Ion Ratio	Lower	Upper
128 100		
129 13.1	9.3	13.9
127 14.3	10.7	16.1

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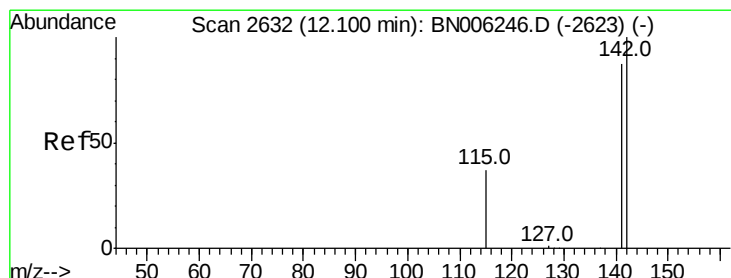
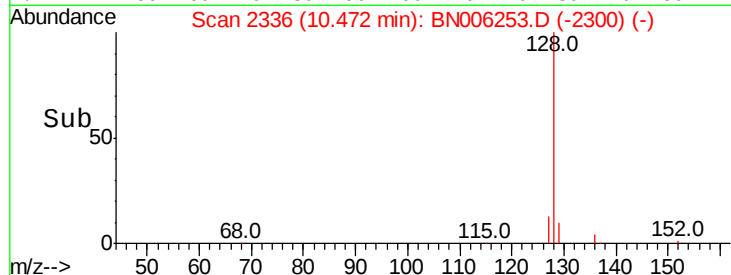
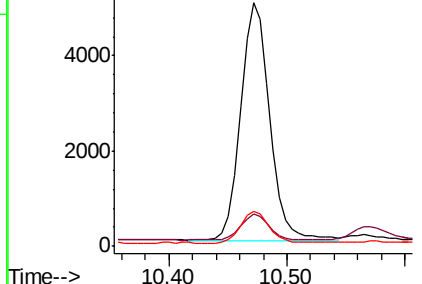
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.068 ng/ul

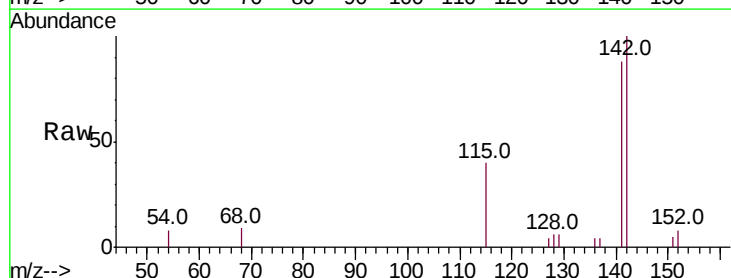
RT: 12.10 min Scan# 2632

Delta R.T. -0.00 min

Lab File: BN006253.D

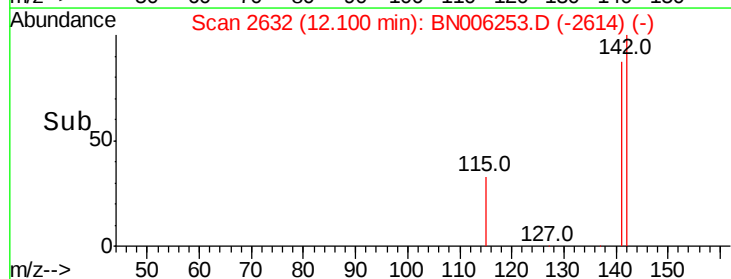
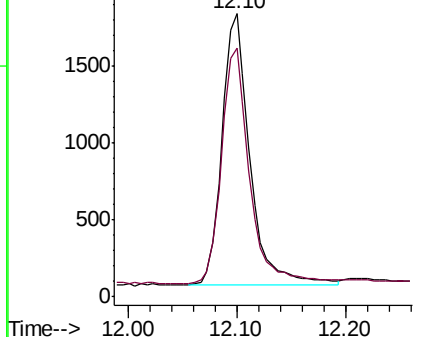
Acq: 11 Jun 2019 19:13

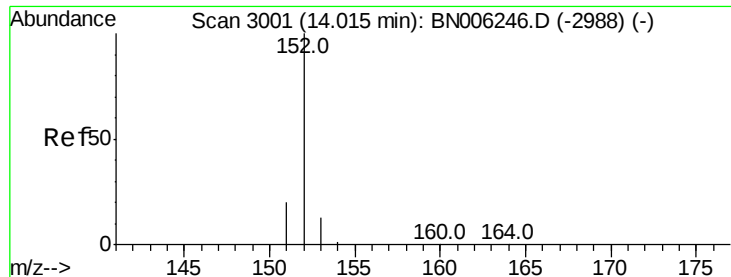
Tgt Ion:142	Resp:	3142
Ion Ratio	Lower	Upper
142 100		
141 88.8	70.3	105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.044 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006253.D

Acq: 11 Jun 2019 19:13

Instrument :

BNA_N

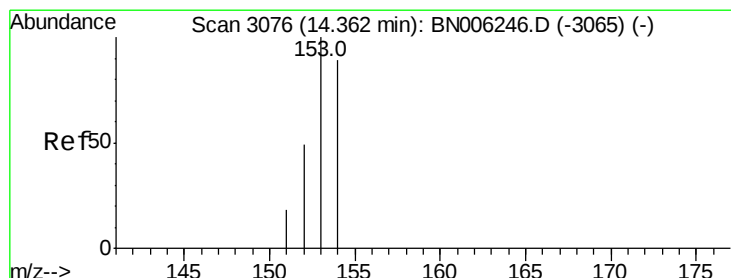
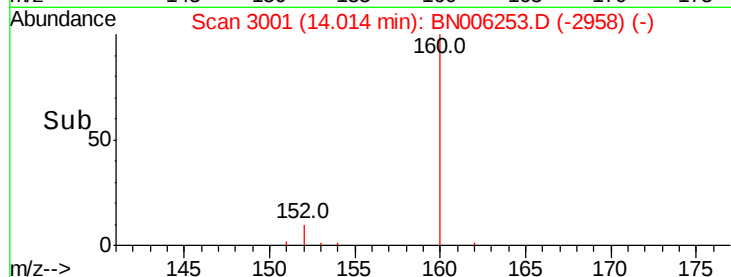
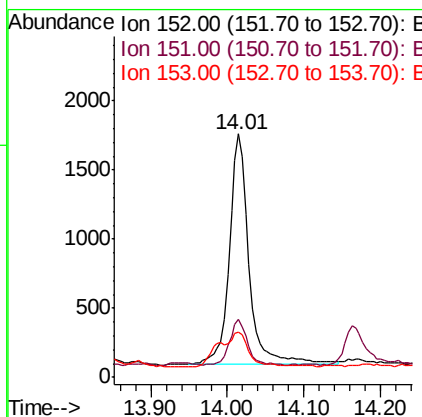
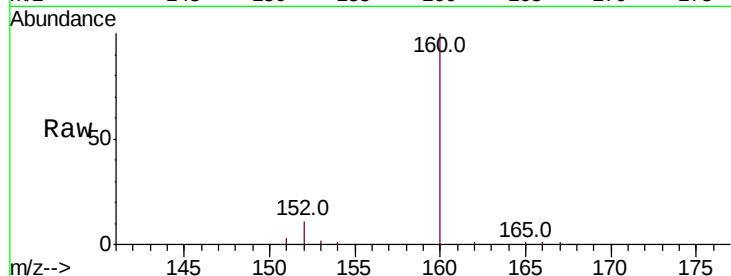
ClientSampleId :

A51F7

Tot Ion:	152	Resp:	2967
Ion Ratio	Lower	Upper	
152	100		
151	23.9	15.8	23.8#
153	18.8	10.8	16.2#

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#8

Acenaphthene

Concen: 0.355 ng/ul

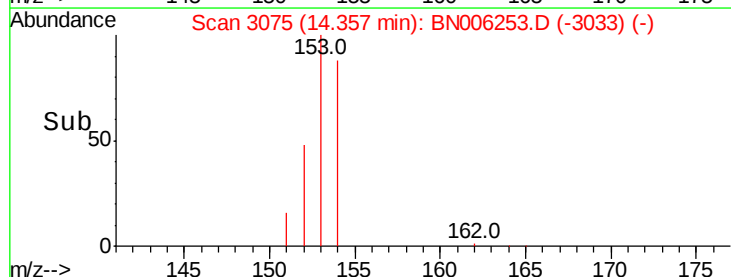
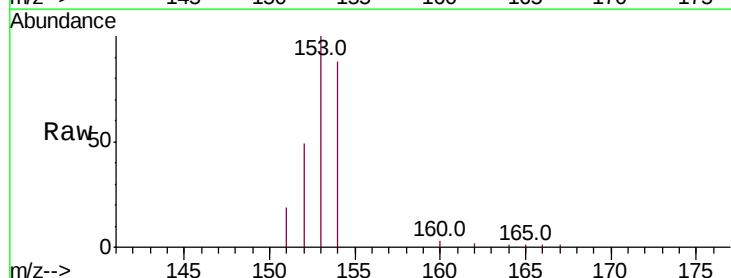
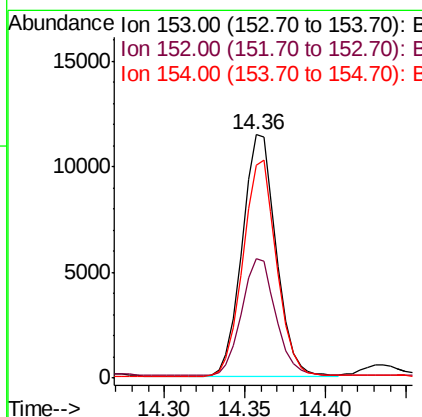
RT: 14.36 min Scan# 3075

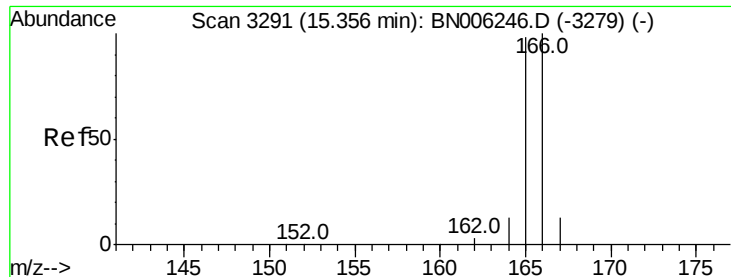
Delta R.T. -0.00 min

Lab File: BN006253.D

Acq: 11 Jun 2019 19:13

Tgt Ion:	153	Resp:	16736
Ion Ratio	Lower	Upper	
153	100		
152	49.1	39.1	58.7
154	87.7	71.1	106.7





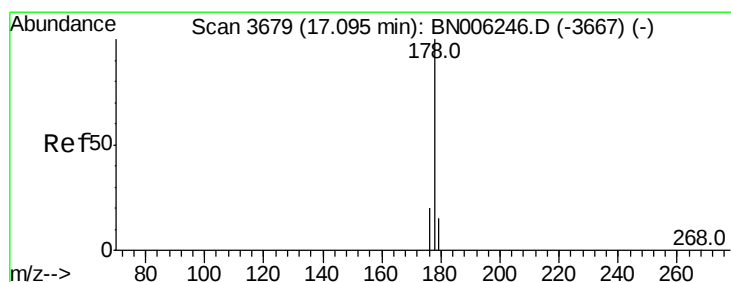
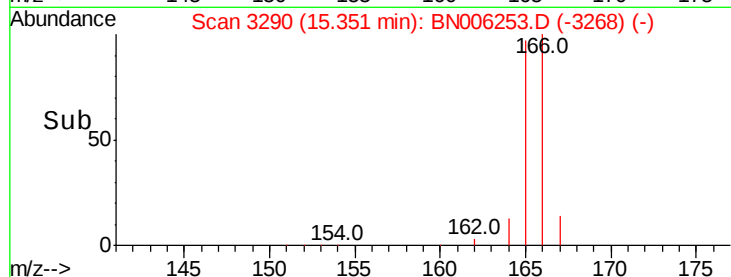
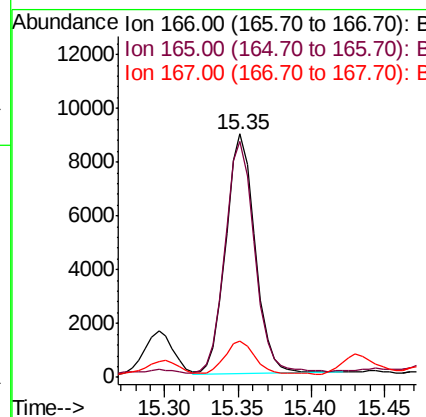
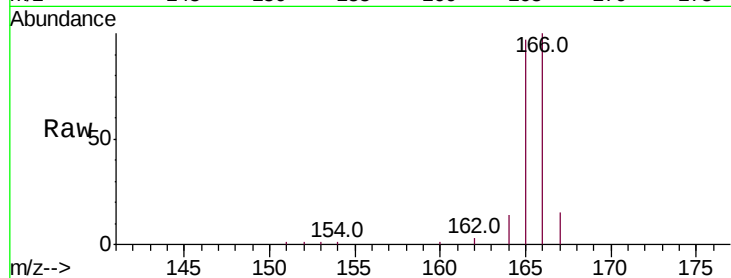
#9
Fluorene
Concen: 0.222 ng/ul
RT: 15.35 min Scan# 3290
Delta R.T. -0.00 min
Lab File: BN006253.D
Acq: 11 Jun 2019 19:13

Instrument :
BNA_N
ClientSampleId :
A51F7

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.1	76.4	114.6
167	14.8	11.0	16.6

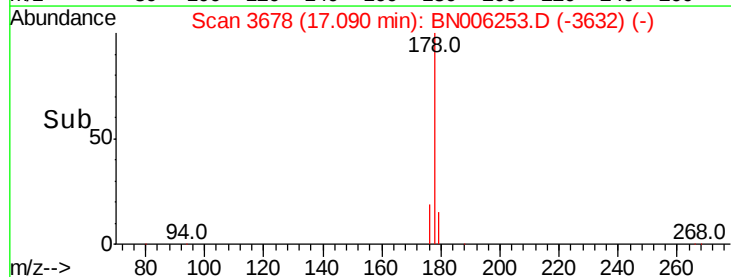
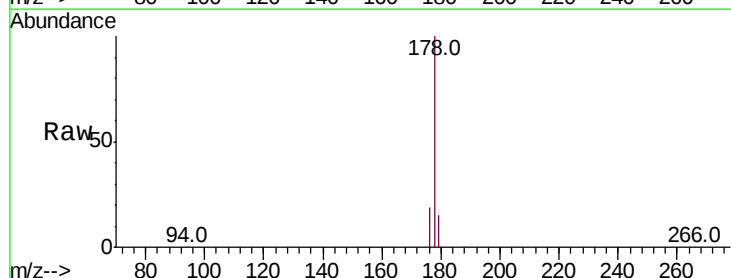
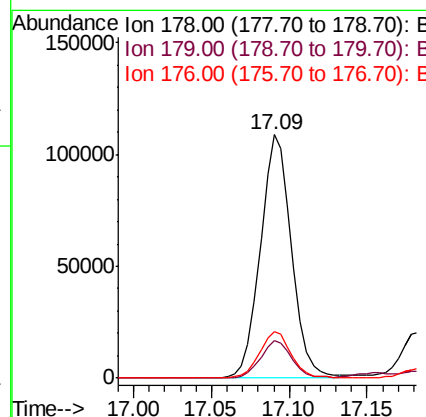
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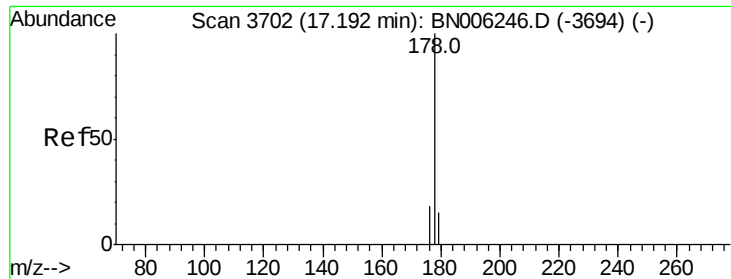
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#12
Phenanthrene
Concen: 2.133 ng/ul m
RT: 17.09 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN006253.D
Acq: 11 Jun 2019 19:13

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.3	15.3	22.9





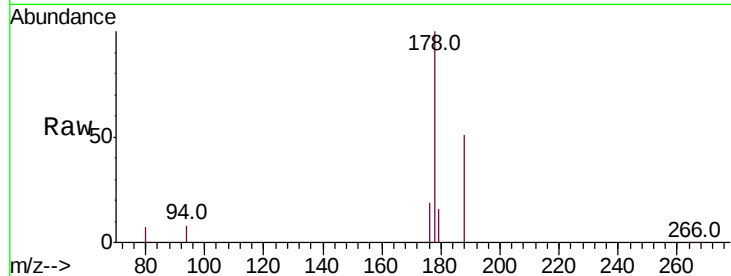
#13
 Anthracene
 Concen: 0.426 ng/ul m
 RT: 17.18 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: BN006253.D
 Acq: 11 Jun 2019 19:13

Instrument :
 BNA_N
 ClientSampled :
 A51F7

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.2	18.4
176	19.0	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

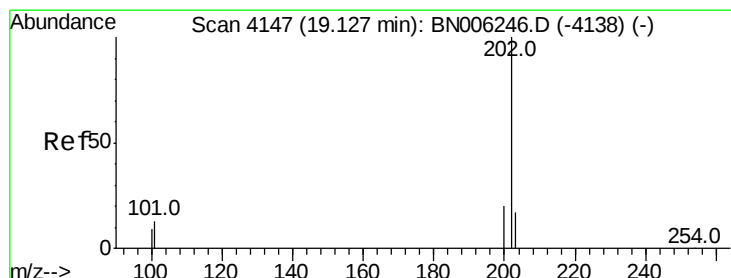
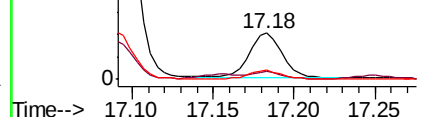
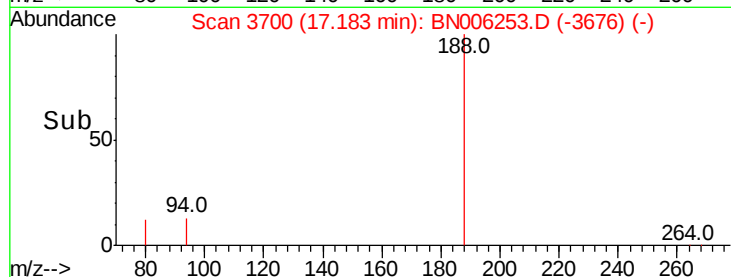
150000

100000

50000

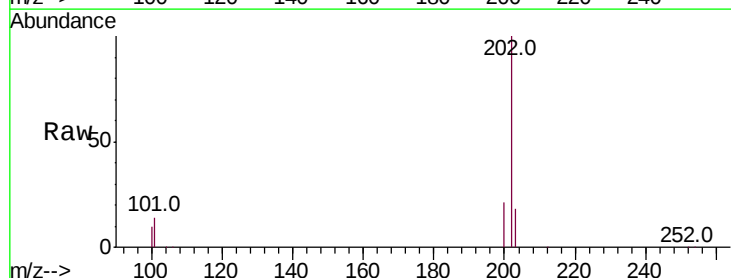
0

Time-->



#15
 Fluoranthene
 Concen: 2.958 ng/ul m
 RT: 19.12 min Scan# 4145
 Delta R.T. -0.00 min
 Lab File: BN006253.D
 Acq: 11 Jun 2019 19:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	32.1
100	10.0	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

200000

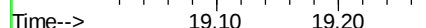
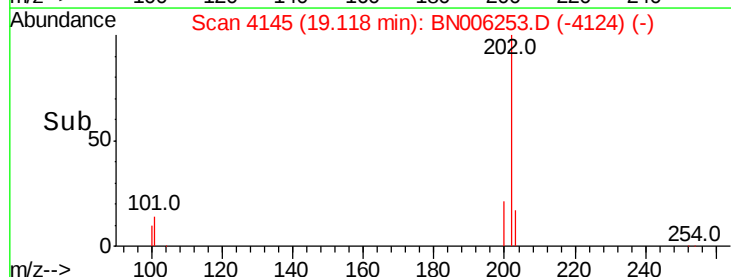
150000

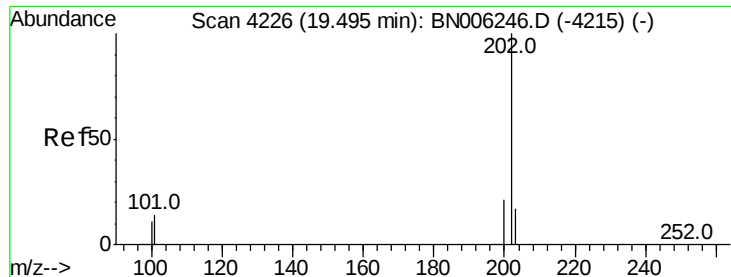
100000

50000

0

Time-->





#17

Pvrene

Concen: 2.432 ng/ul

RT: 19.49 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN006253.D

Acq: 11 Jun 2019 19:13

Instrument :

BNA_N

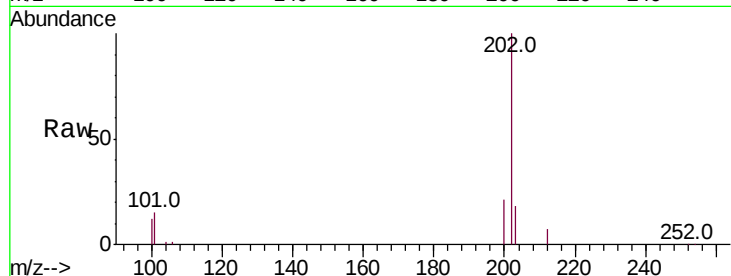
ClientSampleId :

A51F7

Tot Ion:	202	Resp:	182095
Ion Ratio	Lower	Upper	
202	100		
101	15.2	12.2	18.2
100	11.9	9.8	14.6

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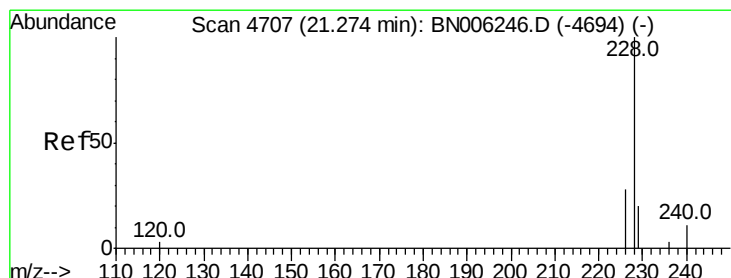
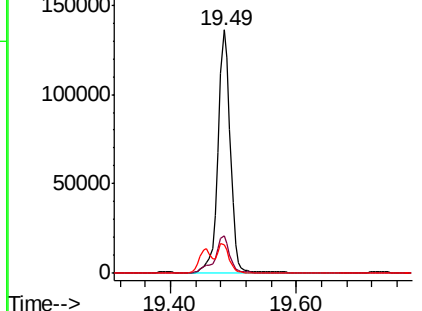
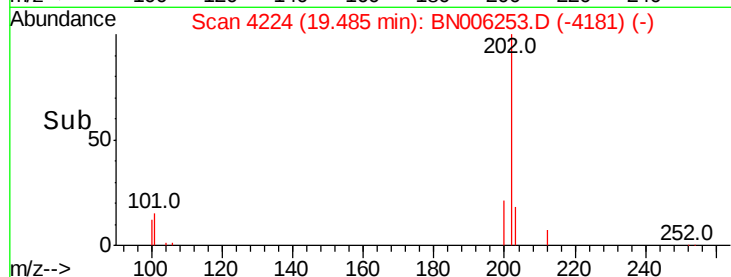
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 1.257 ng/ul

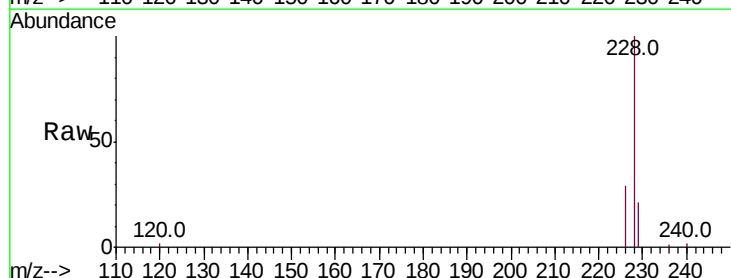
RT: 21.25 min Scan# 4697

Delta R.T. -0.00 min

Lab File: BN006253.D

Acq: 11 Jun 2019 19:13

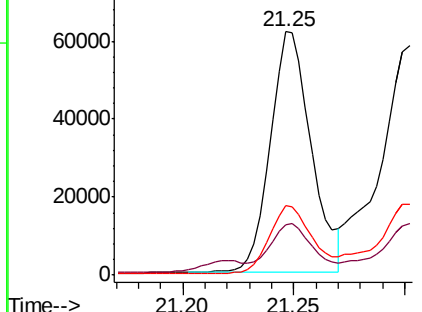
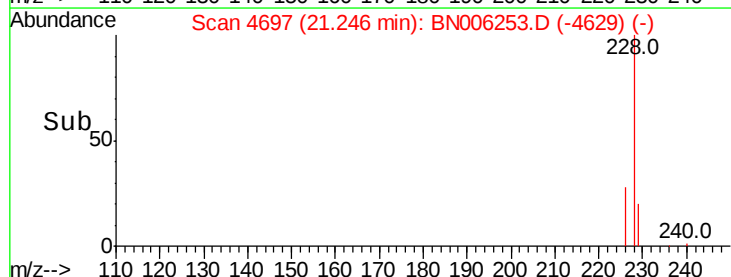
Tgt Ion:	228	Resp:	79010
Ion Ratio	Lower	Upper	
228	100		
229	20.9	16.5	24.7
226	28.8	22.8	34.2

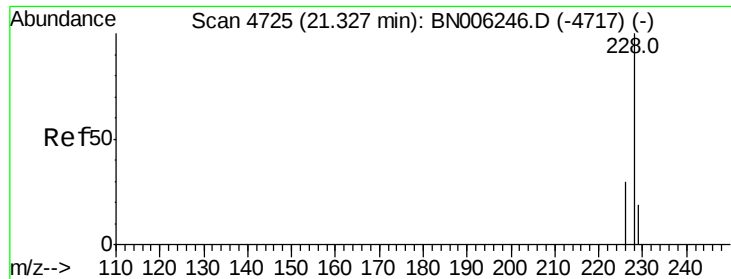


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 1.564 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. 0.00 min

Lab File: BN006253.D

Acq: 11 Jun 2019 19:13

Instrument :

BNA_N

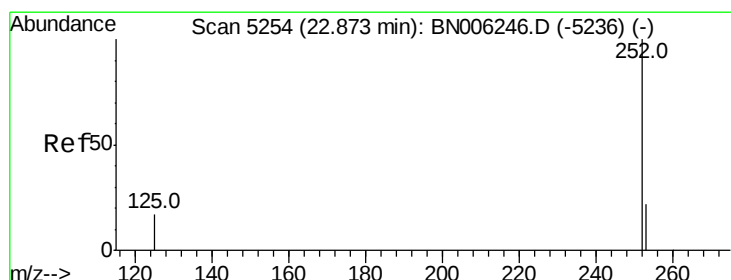
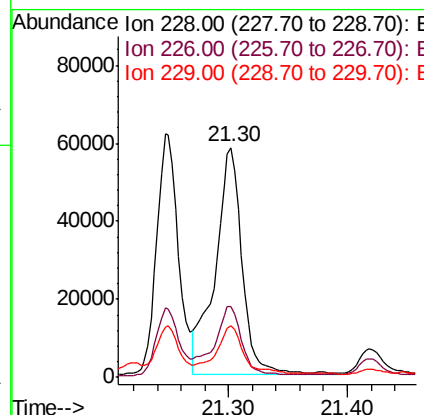
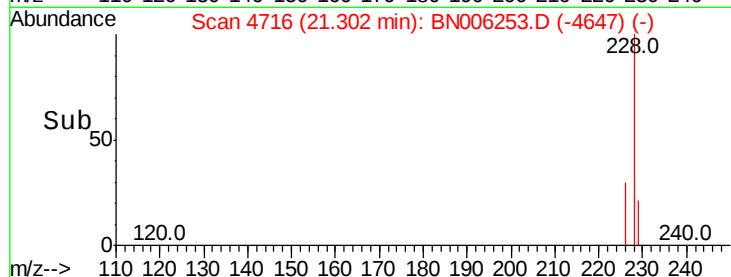
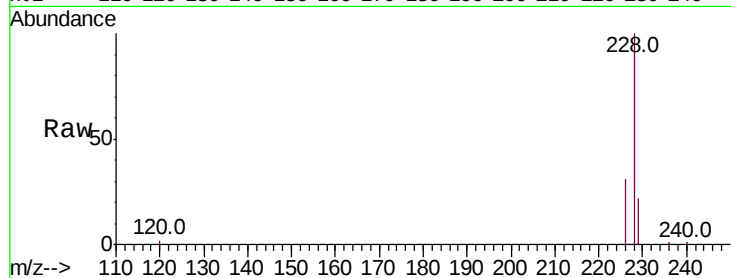
ClientSampleId :

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Tot Ion:	228	Resp:	92304
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.0	37.6
229	22.4	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 2.097 ng/ul m

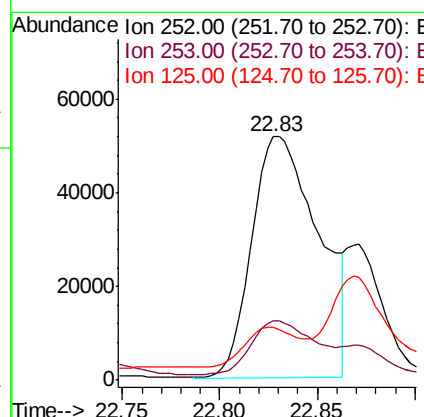
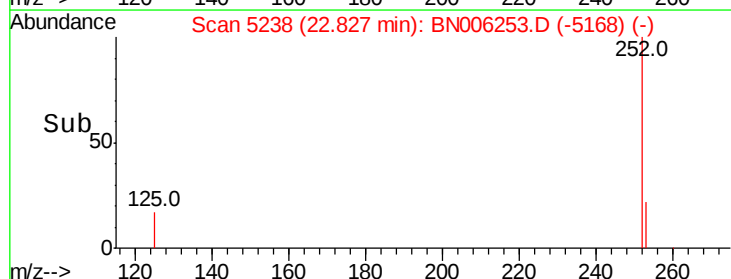
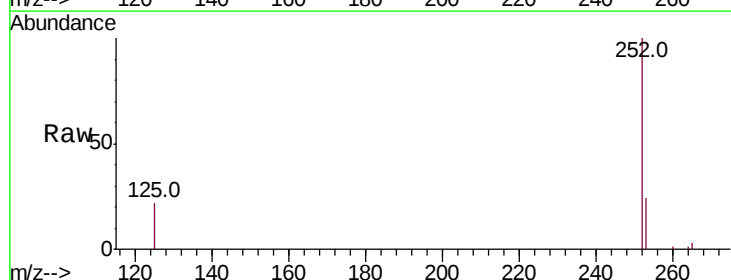
RT: 22.83 min Scan# 5238

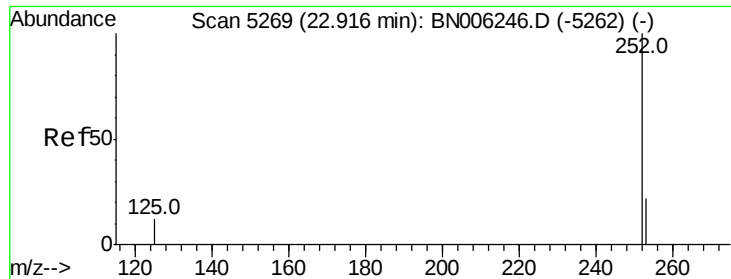
Delta R.T. 0.00 min

Lab File: BN006253.D

Acq: 11 Jun 2019 19:13

Tgt Ion:	252	Resp:	122247
Ion Ratio	Lower	Upper	
252	100		
253	24.2	0.0	51.4
125	21.6	0.0	41.0





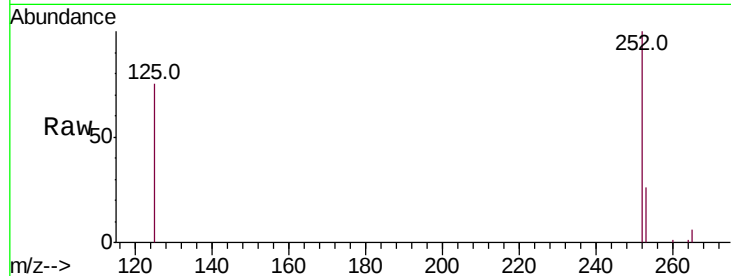
#22
Benzo(k)fluoranthene
Concen: 0.743 ng/ul m
RT: 22.87 min Scan# 5253
Delta R.T. 0.00 min
Lab File: BN006253.D
Acq: 11 Jun 2019 19:13

Instrument :
BNA_N
ClientSampleId :
A51F7

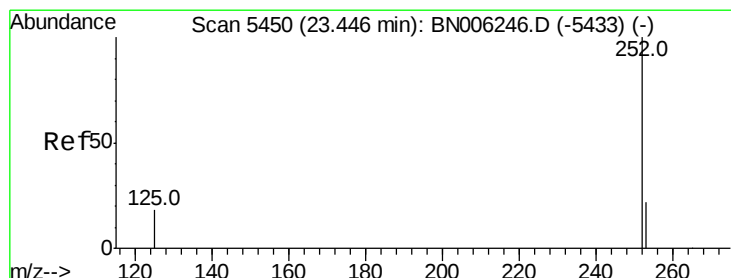
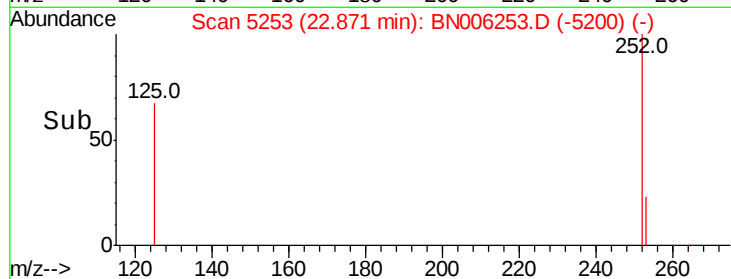
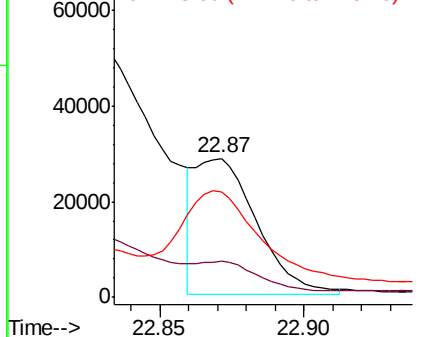
Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	20.3	30.5
125	75.4	14.3	21.5#

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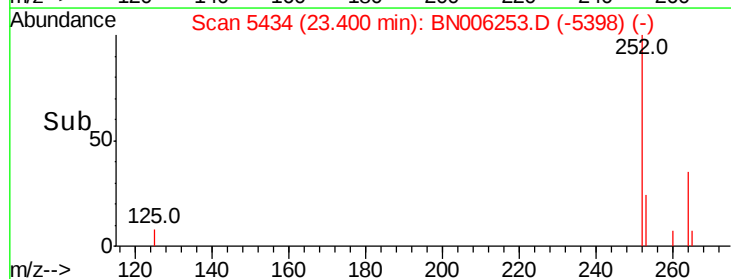
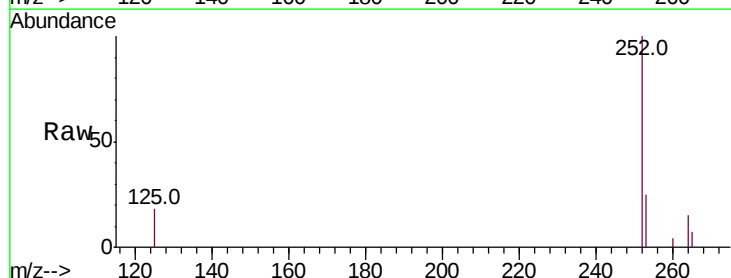
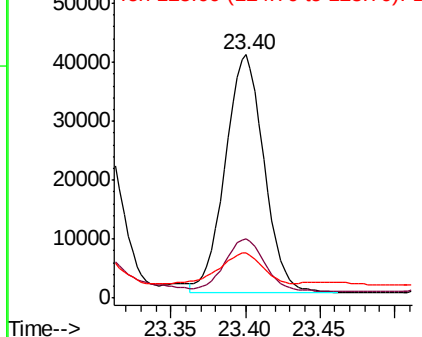
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

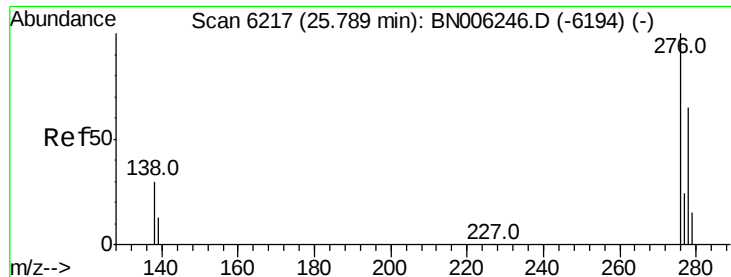


#23
Benzo(a)pyrene
Concen: 1.344 ng/ul m
RT: 23.40 min Scan# 5434
Delta R.T. 0.00 min
Lab File: BN006253.D
Acq: 11 Jun 2019 19:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	21.1	31.7
125	18.4	20.3	30.5#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.895 ng/ul m

RT: 25.73 min Scan# 6199

Delta R.T. 0.00 min

Lab File: BN006253.D

Acq: 11 Jun 2019 19:13

Instrument :

BNA_N

ClientSampleId :

A51F7

Tot Ion:276 Resp: 52610

Ion Ratio Lower Upper

276 100

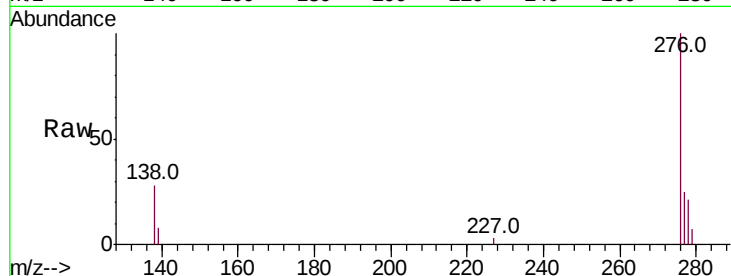
138 2.4 25.6 38.4#

227 0.0 0.3 0.5#

Manual Integrations
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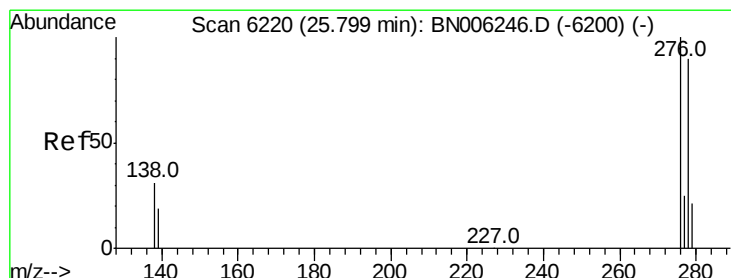
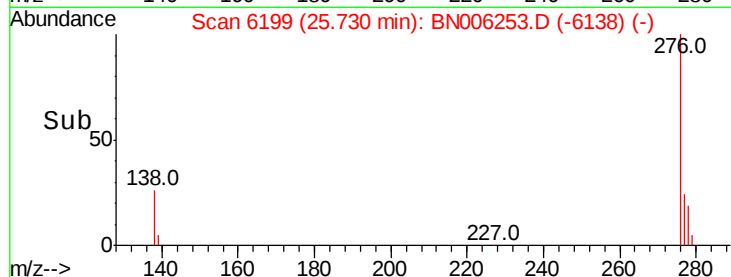
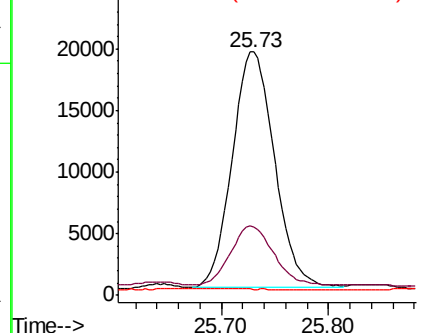
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25

Dibenzo(a,h)anthracene

Concen: 0.269 ng/ul m

RT: 25.73 min Scan# 6200

Delta R.T. -0.00 min

Lab File: BN006253.D

Acq: 11 Jun 2019 19:13

Tgt Ion:278 Resp: 12634

Ion Ratio Lower Upper

278 100

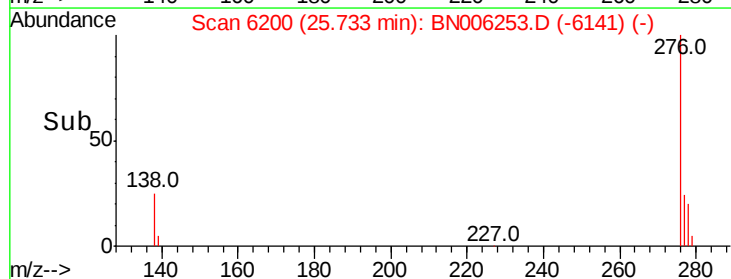
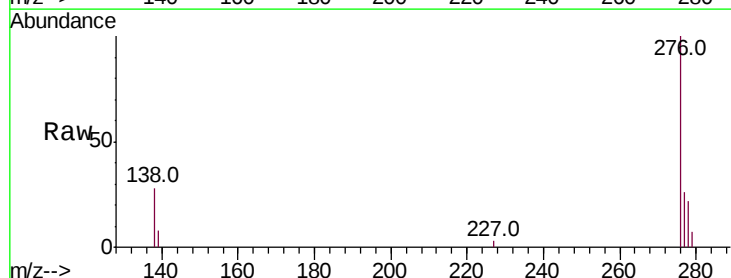
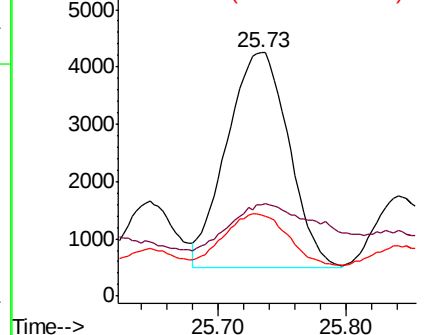
139 37.4 21.2 31.8#

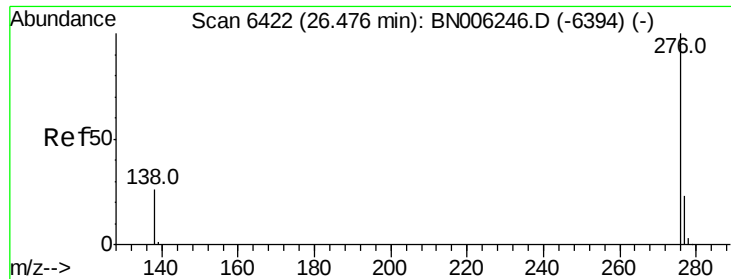
279 33.4 22.6 33.8

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(a,h,i)perylene
Concen: 0.957 ng/ul m
RT: 26.41 min Scan# 6403
Delta R.T. 0.01 min
Lab File: BN006253.D
Acq: 11 Jun 2019 19:13

Instrument :
BNA_N
ClientSampleId :
A51F7

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.8	24.2	36.4
277	25.6	21.5	32.3

Manual Integrations
APPROVED

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