

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060819\
 Data File : BN006203.D
 Acq On : 08 Jun 2019 23:06
 Operator : JU/SJ
 Sample : K3016-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C3

Manual Integrations
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 6/11/2019 4:31:59 PM

Quant Time: Jun 09 05:54:51 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	4654	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	17643	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9633	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	20630m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	16440m	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	16765m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	7334	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	18316m	0.33	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	9820	0.202	ng/ul	96
5) 2-Methylnaphthalene	12.10	142	4763	0.140	ng/ul	97
7) Acenaphthylene	14.01	152	101004	1.886	ng/ul	100
8) Acenaphthene	14.36	153	4455	0.120	ng/ul	97
9) Fluorene	15.35	166	14785	0.340	ng/ul#	93
12) Phenanthrene	17.09	178	236333m	3.569	ng/ul	
13) Anthracene	17.18	178	89711m	1.419	ng/ul	
15) Fluoranthene	19.12	202	552376m	7.554	ng/ul	
17) Pyrene	19.48	202	590713	6.821	ng/ul	97
18) Benzo(a)anthracene	21.24	228	295566m	4.065	ng/ul	
19) Chrysene	21.29	228	341330	5.000	ng/ul	98
21) Benzo(b)fluoranthene	22.82	252	452773m	6.477	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	171490m	2.519	ng/ul	
23) Benzo(a)pyrene	23.39	252	312605	4.801	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.71	276	225073	3.194	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.72	278	57686	1.024	ng/ul	100
26) Benzo(a,h,i)perylene	26.40	276	173013	2.931	ng/ul	95

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

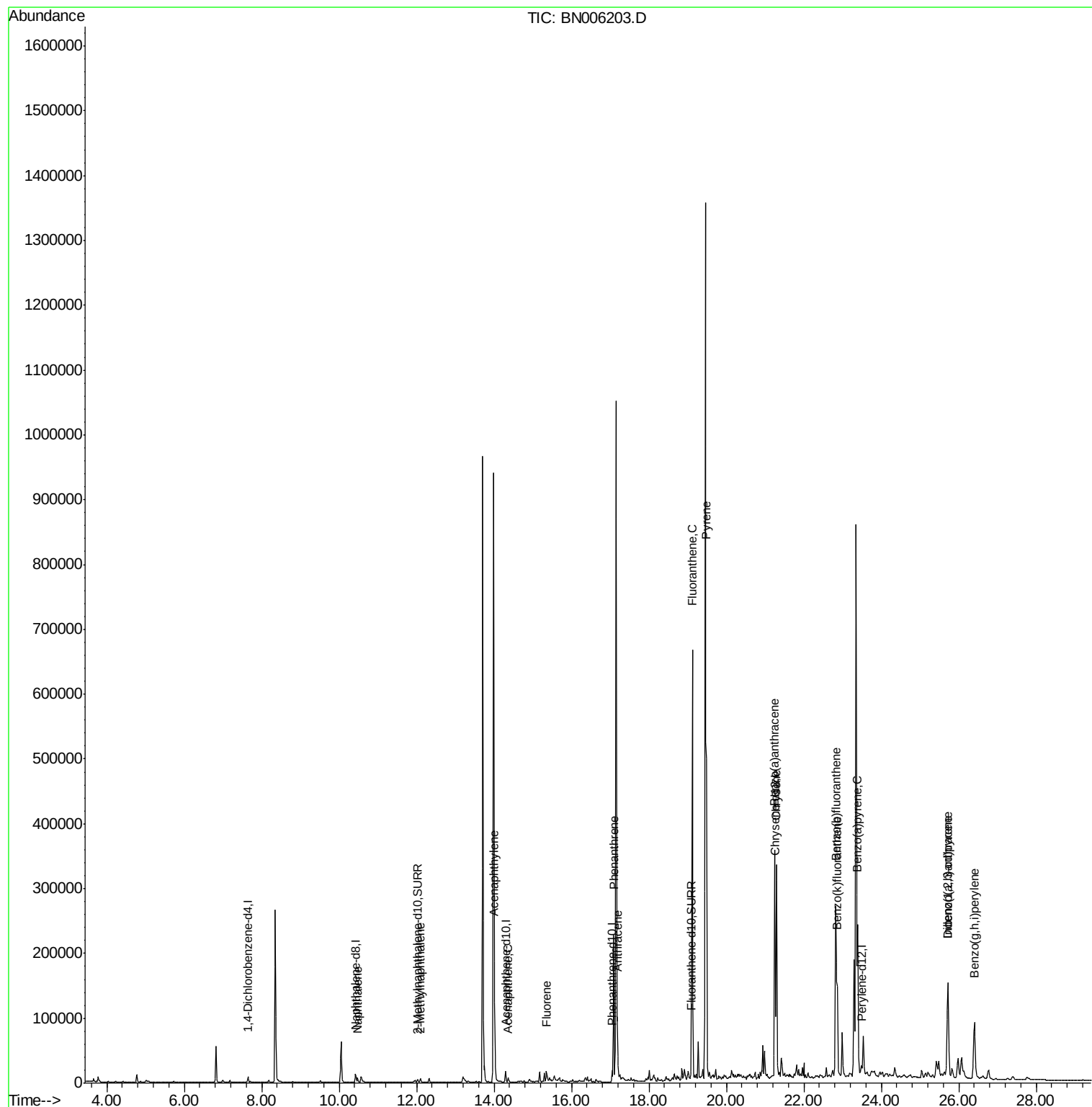
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060819\
Data File : BN006203.D
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ALS Vial : 21 Sample Multiplier: 1

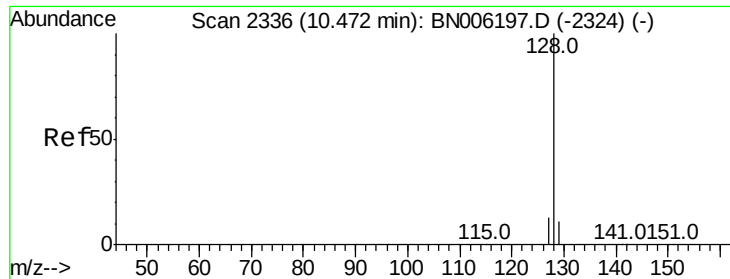
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Quant Time: Jun 09 05:54:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
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QLast Update : Sun Jun 09 05:10:30 2019
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#3

Naphthalene

Concen: 0.202 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. 0.00 min

Lab File: BN006203.D

Acq: 08 Jun 2019 23:06

Instrument :

BNA_N

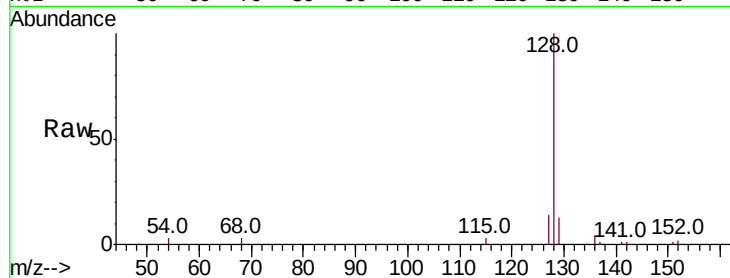
ClientSampleId :

A51C3

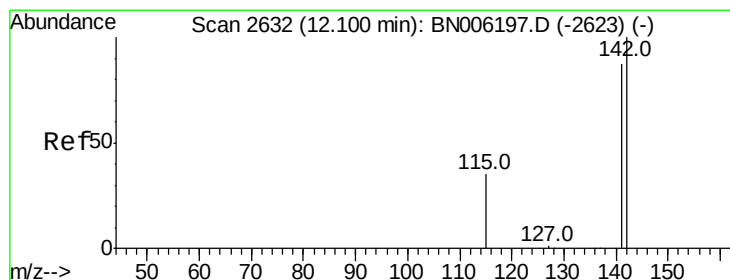
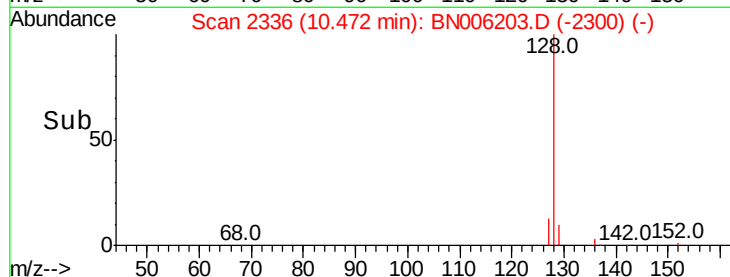
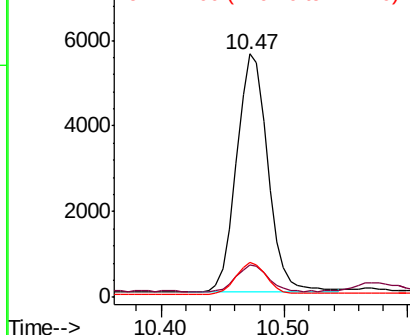
Tot Ion:	128	Resp:	9820
Ion	Ratio	Lower	Upper
128	100		
129	13.4	9.3	13.9
127	14.4	10.7	16.1

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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: 0.140 ng/ul

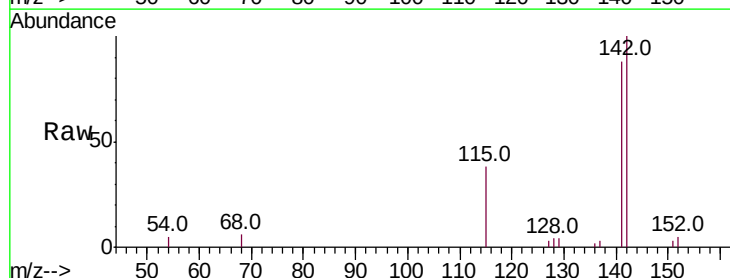
RT: 12.10 min Scan# 2632

Delta R.T. 0.00 min

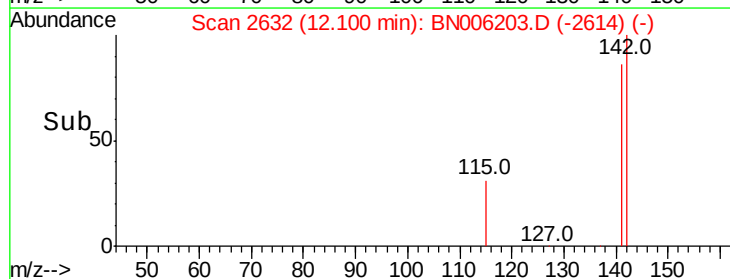
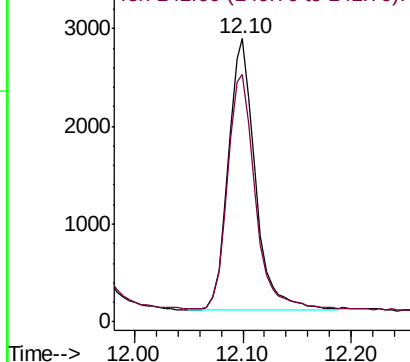
Lab File: BN006203.D

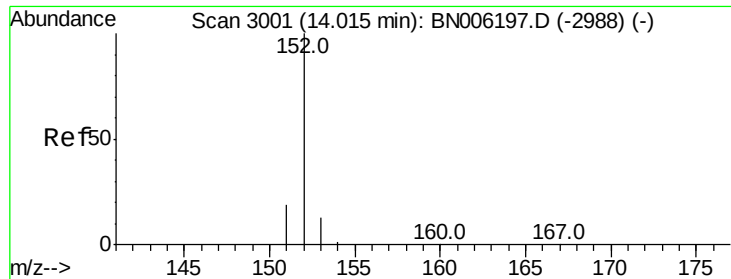
Acq: 08 Jun 2019 23:06

Tgt Ion:	142	Resp:	4763
Ion	Ratio	Lower	Upper
142	100		
141	90.8	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: 1.886 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006203.D

Acq: 08 Jun 2019 23:06

Instrument :

BNA_N

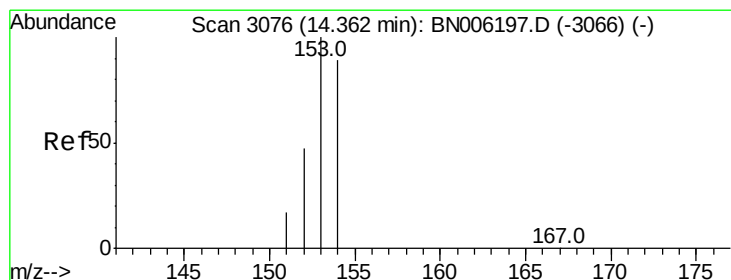
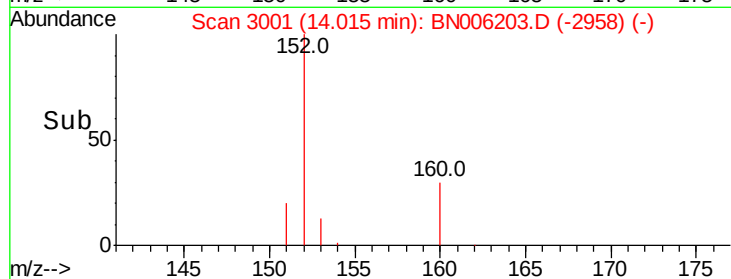
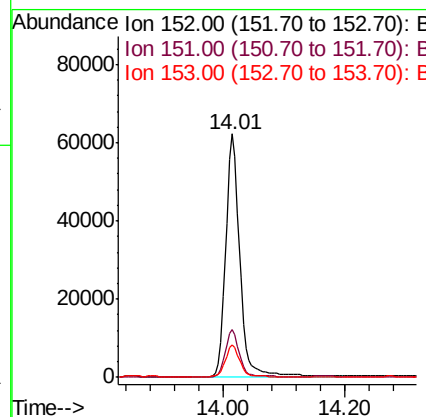
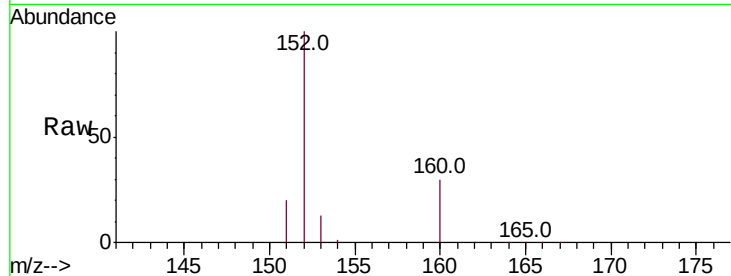
ClientSampleId :

A51C3

Tot Ion:	152	Resp:	101004
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.8	23.8
153	13.5	10.8	16.2

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#8

Acenaphthene

Concen: 0.120 ng/ul

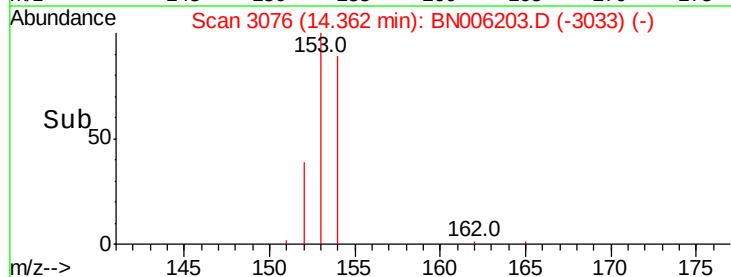
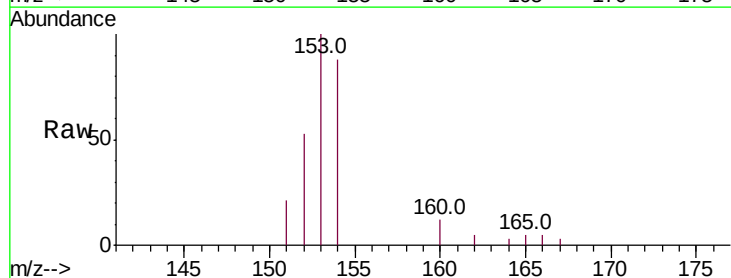
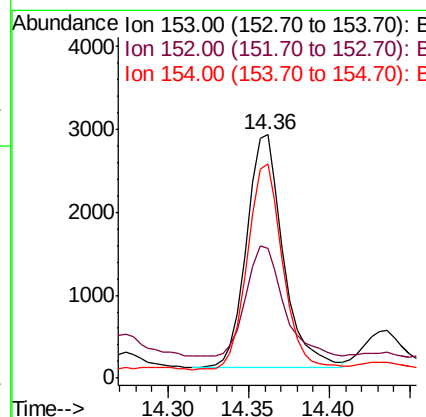
RT: 14.36 min Scan# 3076

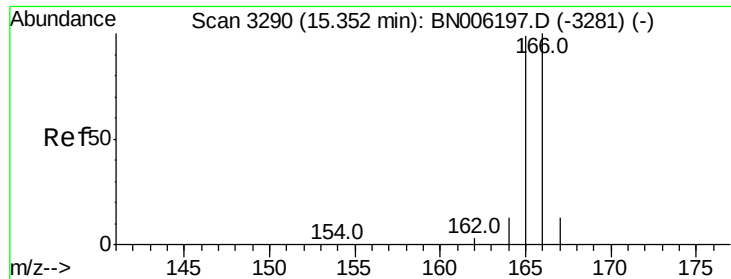
Delta R.T. 0.00 min

Lab File: BN006203.D

Acq: 08 Jun 2019 23:06

Tgt Ion:	153	Resp:	4455
Ion Ratio	Lower	Upper	
153	100		
152	53.4	39.1	58.7
154	87.8	71.1	106.7





#9

Fluorene

Concen: 0.340 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006203.D

Acq: 08 Jun 2019 23:06

Instrument :

BNA_N

ClientSampleId :

A51C3

Tot Ion:166 Resp: 14785

Ion Ratio Lower Upper

166 100

165 102.2 76.4 114.6

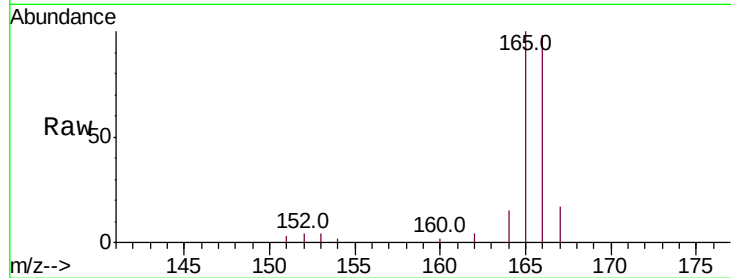
167 17.0 11.0 16.6#

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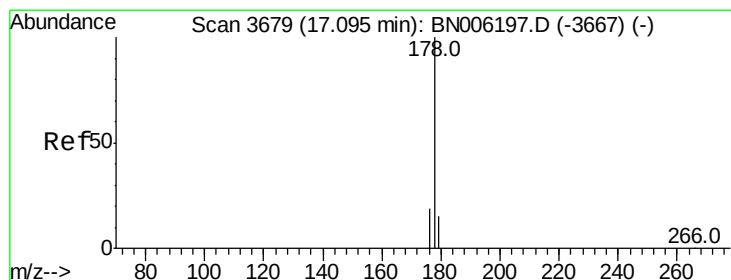
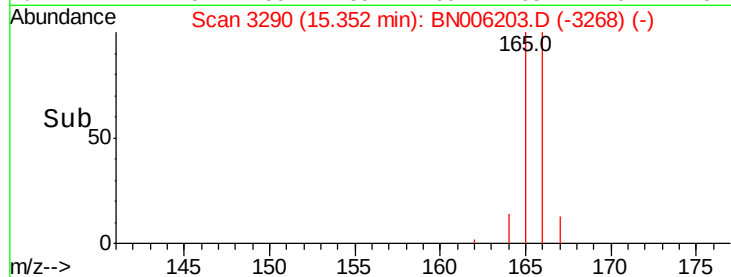
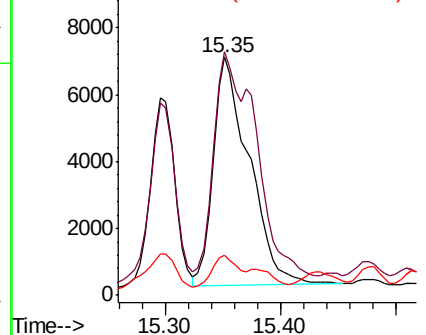
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 3.569 ng/ul m

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN006203.D

Acq: 08 Jun 2019 23:06

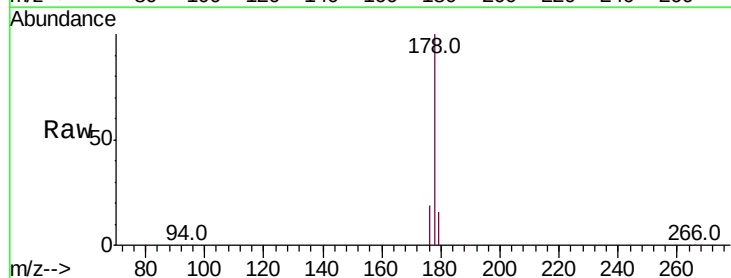
Tgt Ion:178 Resp: 236333

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

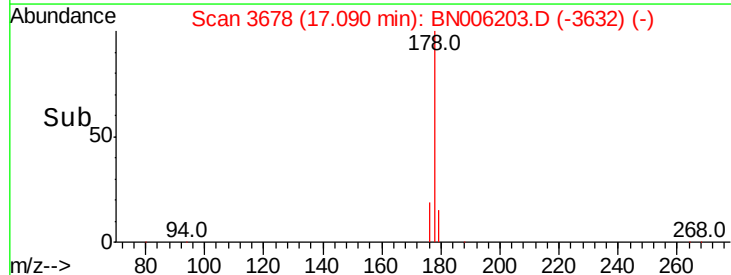
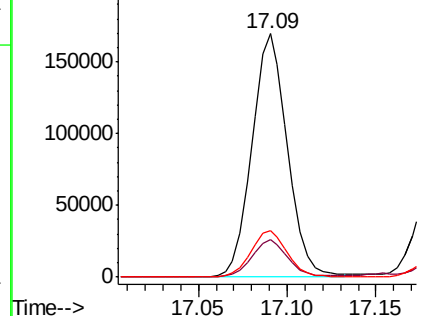
176 19.1 15.3 22.9

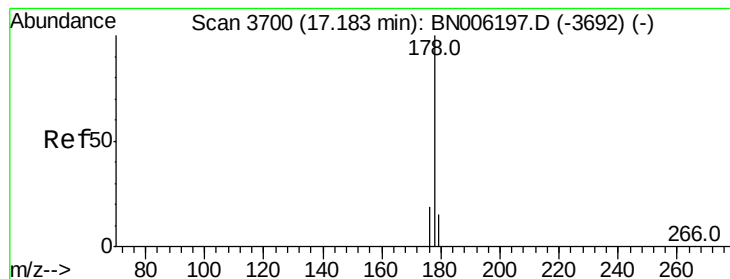


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 1.419 ng/ul m

RT: 17.18 min Scan# 3700

Delta R.T. 0.00 min

Lab File: BN006203.D

Acq: 08 Jun 2019 23:06

Instrument :

BNA_N

ClientSampleId :

A51C3

Tot Ion:178 Resp: 89711

Ion Ratio Lower Upper

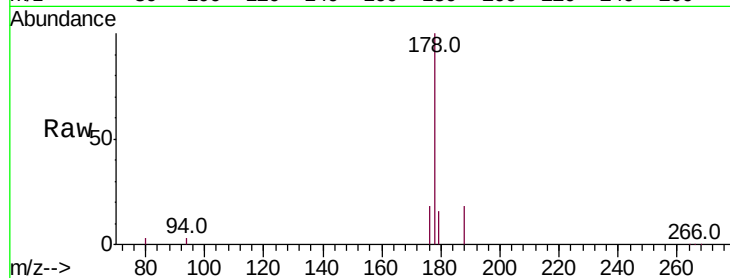
178 100

179 15.6 12.2 18.4

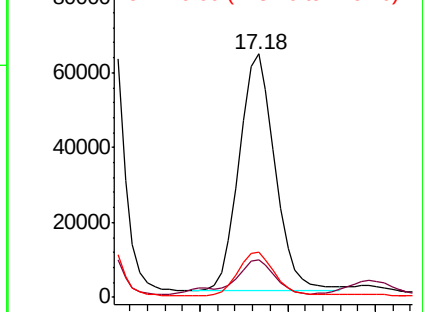
176 18.5 15.1 22.7

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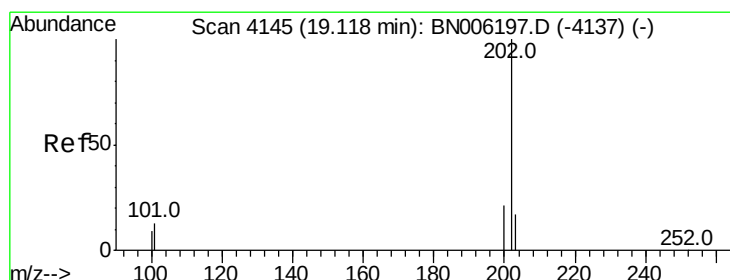
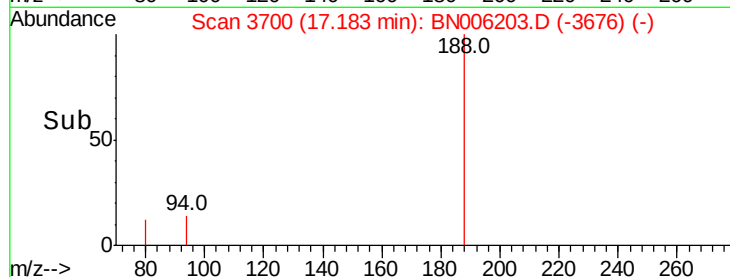
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->



#15

Fluoranthene

Concen: 7.554 ng/ul m

RT: 19.12 min Scan# 4145

Delta R.T. 0.00 min

Lab File: BN006203.D

Acq: 08 Jun 2019 23:06

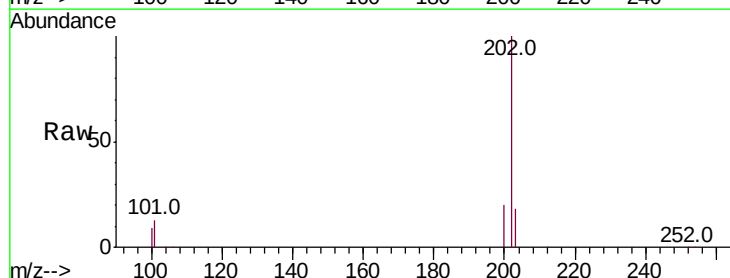
Tgt Ion:202 Resp: 552376

Ion Ratio Lower Upper

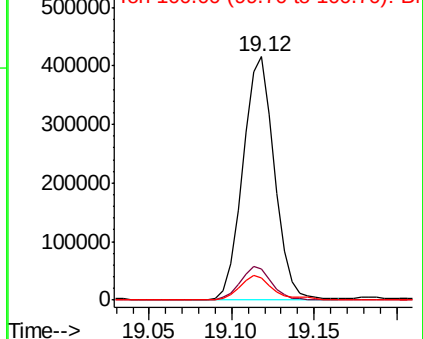
202 100

101 12.9 0.0 32.1

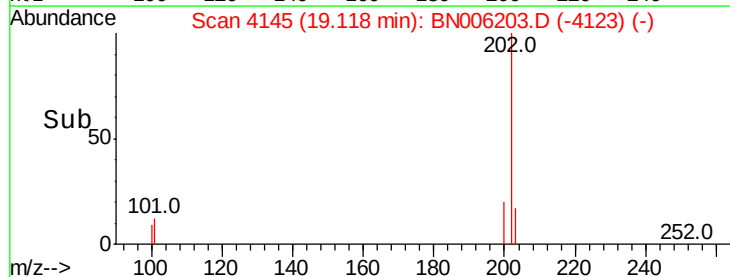
100 9.2 0.0 28.7

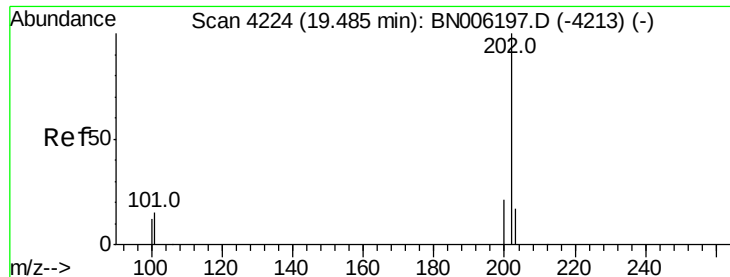


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





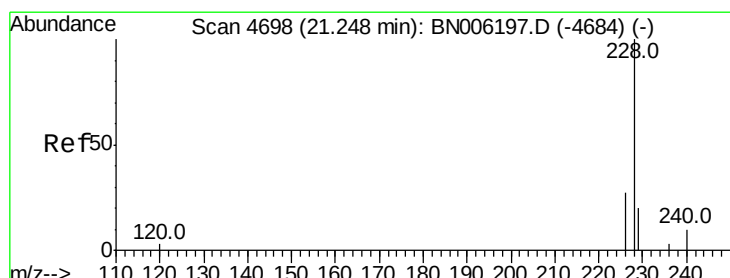
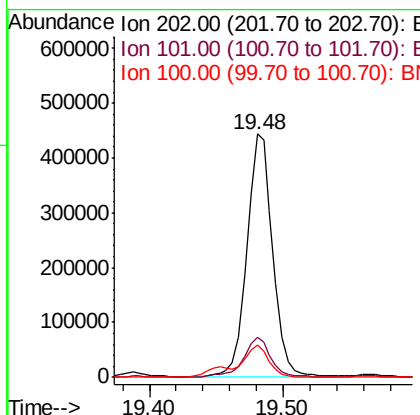
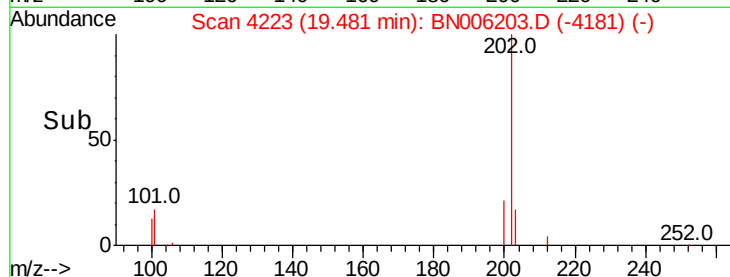
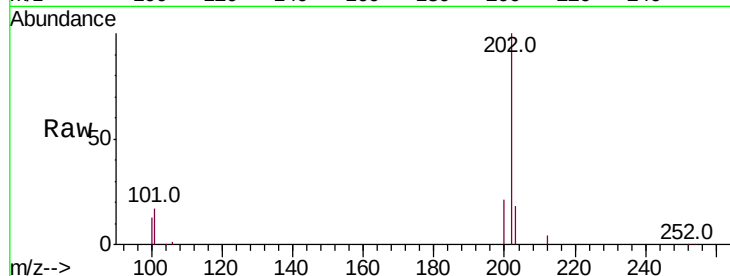
#17
Pvrene
Concen: 6.821 ng/ul
RT: 19.48 min Scan# 4223
Delta R.T. -0.00 min
Lab File: BN006203.D
Acq: 08 Jun 2019 23:06

Instrument :
BNA_N
ClientSampleId :
A51C3

Tot Ion:	202	Resp:	590713
Ion Ratio	Lower	Upper	
202	100		
101	16.5	12.2	18.2
100	13.1	9.8	14.6

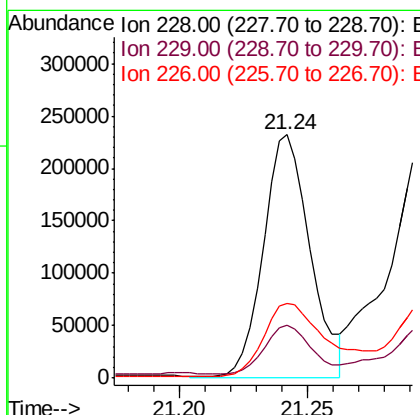
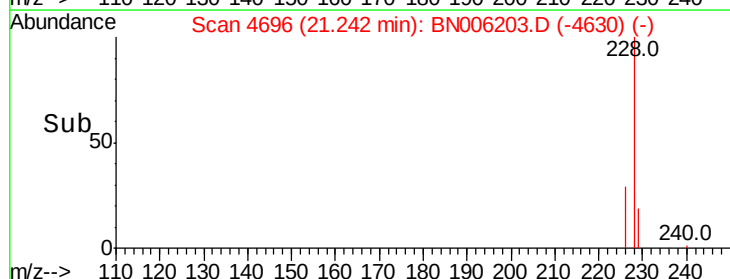
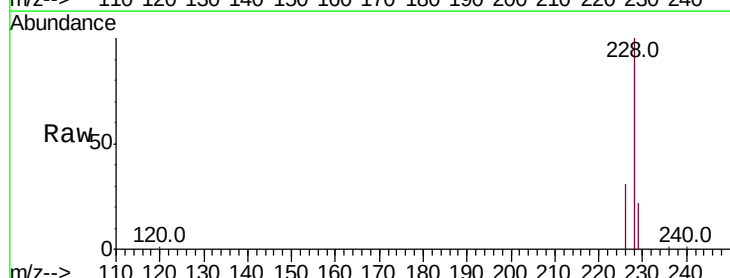
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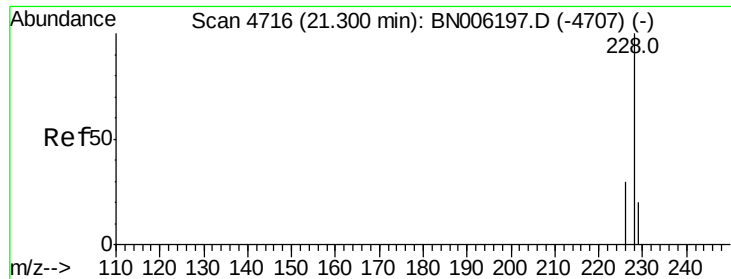
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#18
Benzo(a)anthracene
Concen: 4.065 ng/ul m
RT: 21.24 min Scan# 4696
Delta R.T. -0.01 min
Lab File: BN006203.D
Acq: 08 Jun 2019 23:06

Tgt Ion:	228	Resp:	295566
Ion Ratio	Lower	Upper	
228	100		
229	21.7	16.5	24.7
226	30.6	22.8	34.2





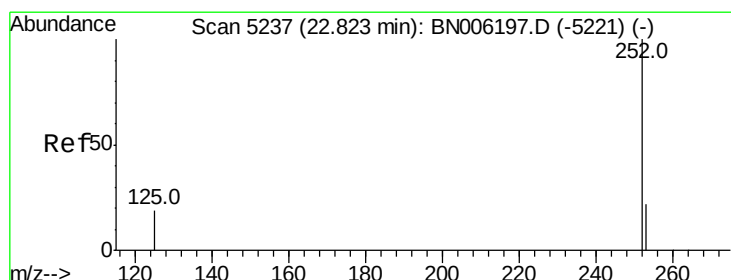
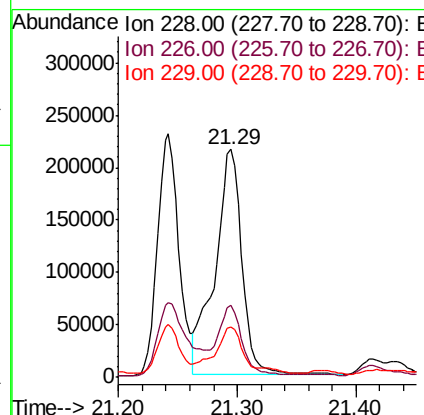
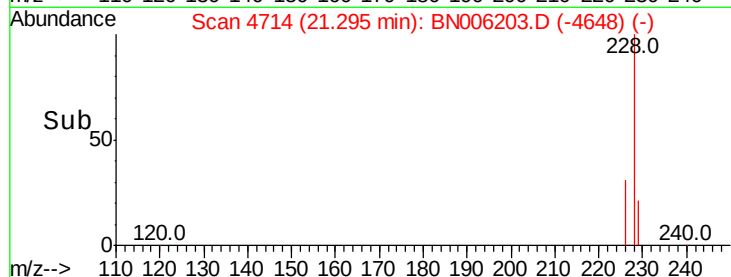
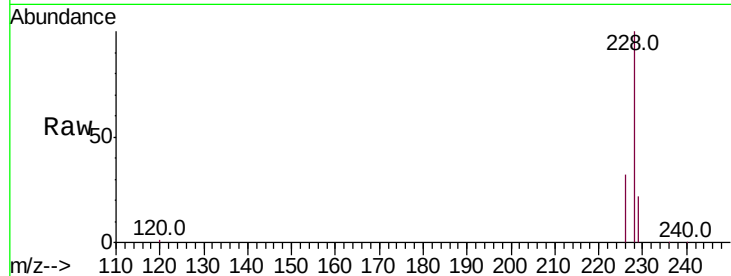
#19
Chrysene
Concen: 5.000 ng/ul
RT: 21.29 min Scan# 4714
Delta R.T. -0.01 min
Lab File: BN006203.D
Acq: 08 Jun 2019 23:06

Instrument :
BNA_N
ClientSampleId :
A51C3

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	22.0	16.3	24.5

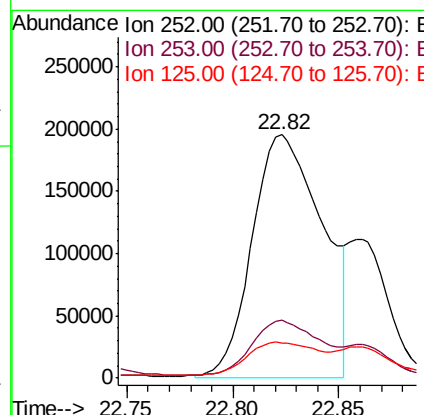
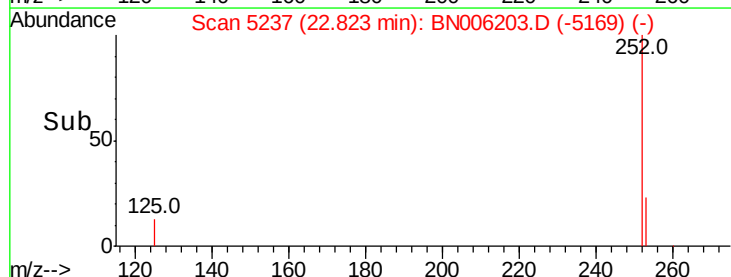
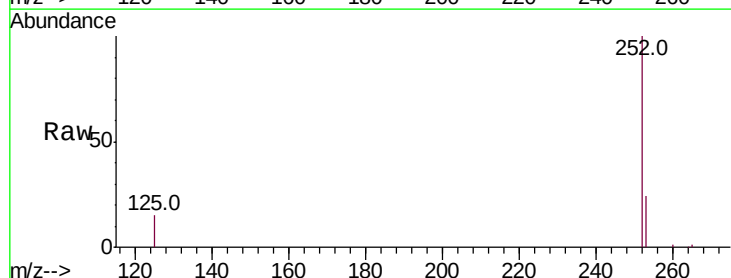
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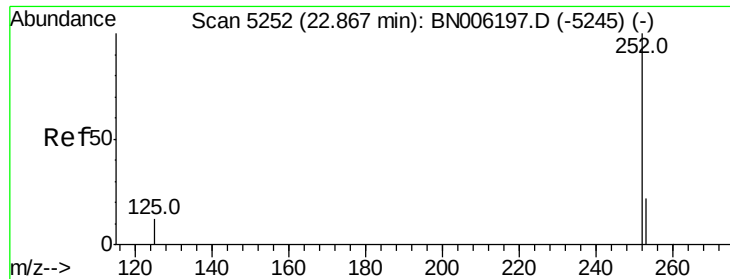
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#21
Benzo(b)fluoranthene
Concen: 6.477 ng/ul m
RT: 22.82 min Scan# 5237
Delta R.T. 0.00 min
Lab File: BN006203.D
Acq: 08 Jun 2019 23:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	51.4
125	14.6	0.0	41.0





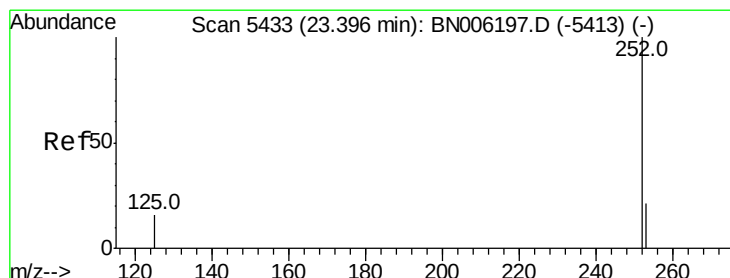
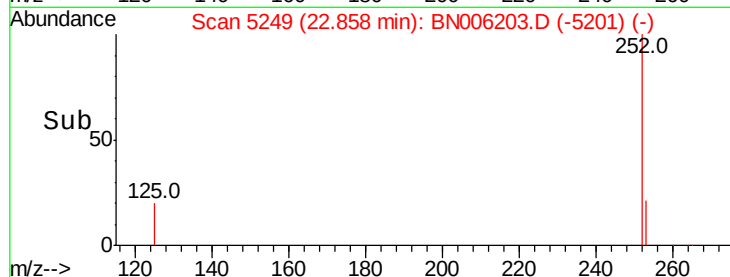
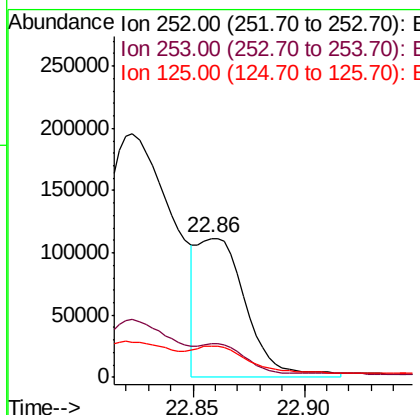
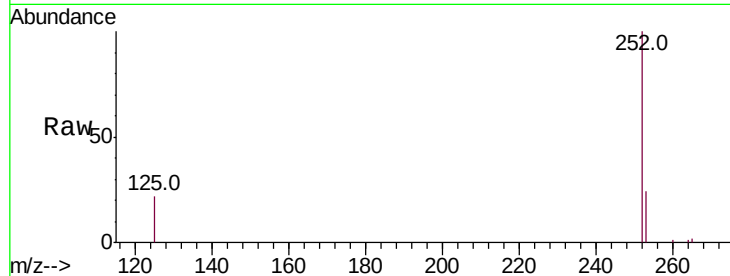
#22
Benzo(k)fluoranthene
Concen: 2.519 ng/ul m
RT: 22.86 min Scan# 5249
Delta R.T. -0.01 min
Lab File: BN006203.D
Acq: 08 Jun 2019 23:06

Instrument :
BNA_N
ClientSampleId :
A51C3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.3	30.5
125	22.4	14.3	21.5#

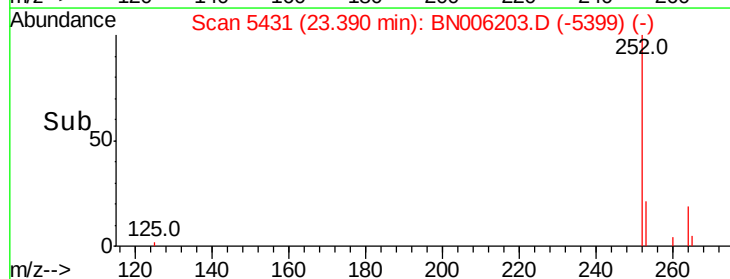
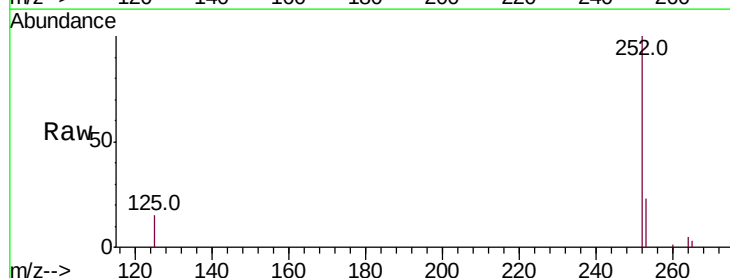
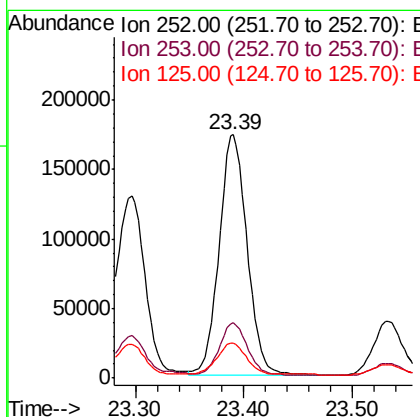
Manual Integrations
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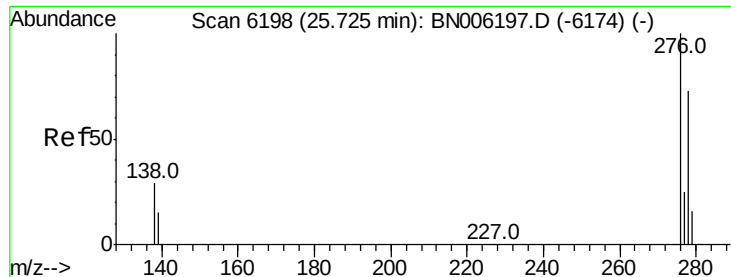
mohammad
6/11/2019 4:31:59 PM



#23
Benzo(a)pyrene
Concen: 4.801 ng/ul
RT: 23.39 min Scan# 5431
Delta R.T. -0.01 min
Lab File: BN006203.D
Acq: 08 Jun 2019 23:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	21.1	31.7
125	14.6	20.3	30.5#





#24

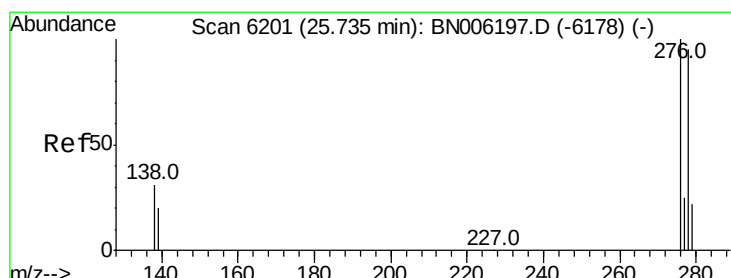
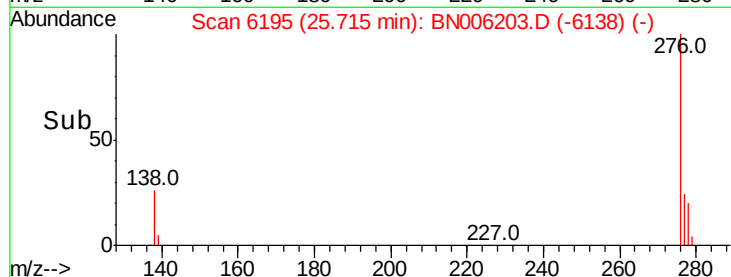
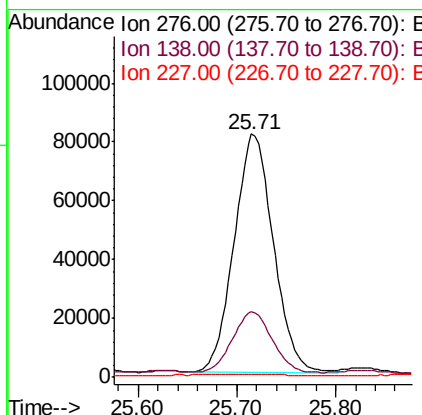
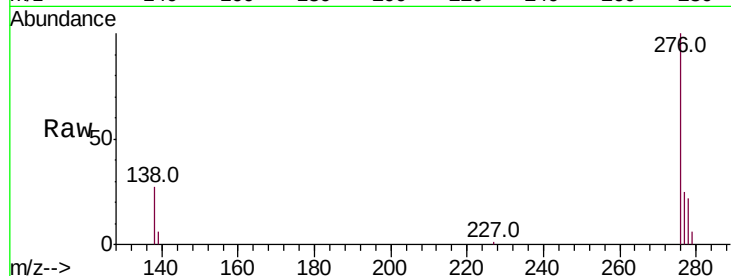
Indeno(1,2,3-cd)pyrene
Concen: 3.194 ng/ul
RT: 25.71 min Scan# 6195
Delta R.T. -0.01 min
Lab File: BN006203.D
Acq: 08 Jun 2019 23:06

Instrument :
BNA_N
ClientSampleId :
A51C3

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	25.6	38.4
227	0.2	0.3	0.5#

Manual Integrations
APPROVED

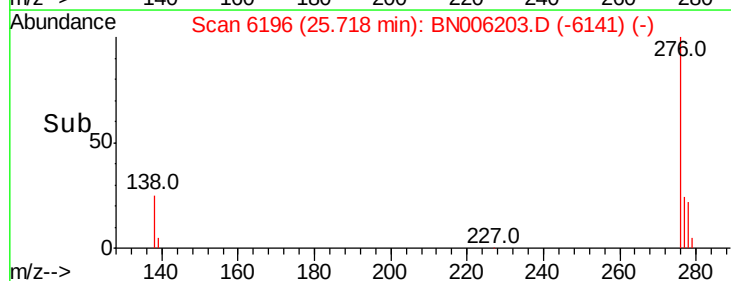
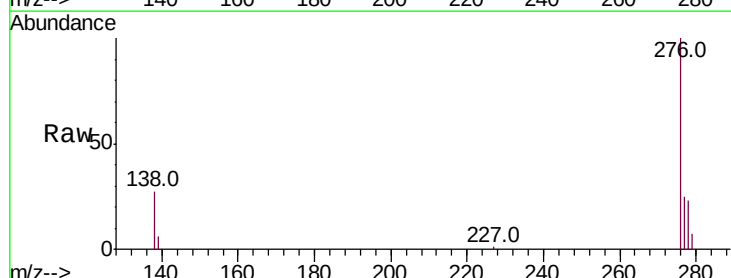
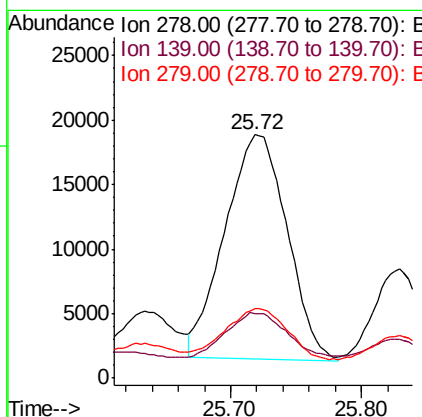
mohammad
6/11/2019 4:31:59 PM

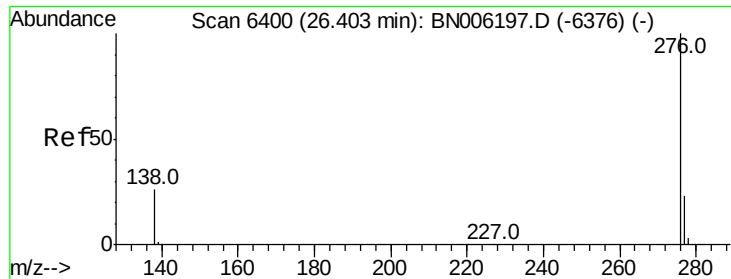


#25

Dibenzo(a,h)anthracene
Concen: 1.024 ng/ul
RT: 25.72 min Scan# 6196
Delta R.T. -0.02 min
Lab File: BN006203.D
Acq: 08 Jun 2019 23:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.6	21.2	31.8
279	28.5	22.6	33.8





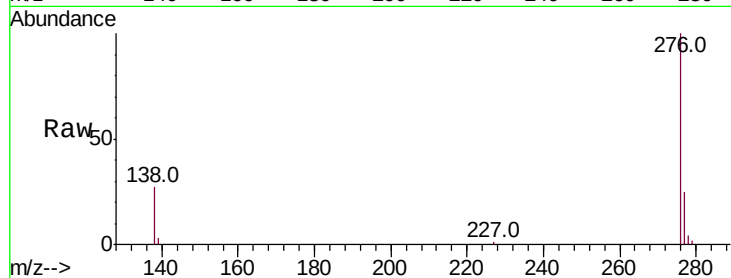
#26
 Benzo(a,h,i)perylene
 Concen: 2.931 ng/ul
 RT: 26.40 min Scan# 6400
 Delta R.T. 0.00 min
 Lab File: BN006203.D
 Acq: 08 Jun 2019 23:06

Instrument :
 BNA_N
 ClientSampleId :
 A51C3

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.5	24.2	36.4
277	24.8	21.5	32.3

Manual Integrations
 APPROVED

mohammad
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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

