

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
 Data File : BN006152.D
 Acq On : 07 Jun 2019 01:47
 Operator : JU/SJ
 Sample : K3201-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC5

Manual Integrations
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mohammad
 6/11/2019 5:07:42 PM

Quant Time: Jun 07 03:39:14 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 : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	6650	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	24893	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	14272	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	29162m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	21707m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	25666m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	9764	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	27119m	0.35	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	172596	2.513	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	66616	1.392	ng/ul	99
7) Acenaphthylene	14.02	152	353898	4.461	ng/ul	99
8) Acenaphthene	14.36	153	246601	4.481	ng/ul	99
9) Fluorene	15.36	166	272503	4.232	ng/ul	99
12) Phenanthrene	17.10	178	4684885m	50.047	ng/ul	
13) Anthracene	17.19	178	1131118m	12.653	ng/ul	
15) Fluoranthene	19.13	202	7427720m	71.858	ng/ul	
17) Pyrene	19.49	202	7021843	61.412	ng/ul	94
18) Benzo(a)anthracene	21.25	228	3910127m	40.728	ng/ul	
19) Chrysene	21.31	228	3998409	44.363	ng/ul	97
21) Benzo(b)fluoranthene	22.84	252	4700169m	43.918	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	1847668m	17.725	ng/ul	
23) Benzo(a)pyrene	23.41	252	3596988m	36.088	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.75	276	2372219m	21.988	ng/ul	
25) Dibenzo(a,h)anthracene	25.75	278	666760m	7.731	ng/ul	
26) Benzo(a,h,i)perylene	26.43	276	1858385	20.566	ng/ul	94

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

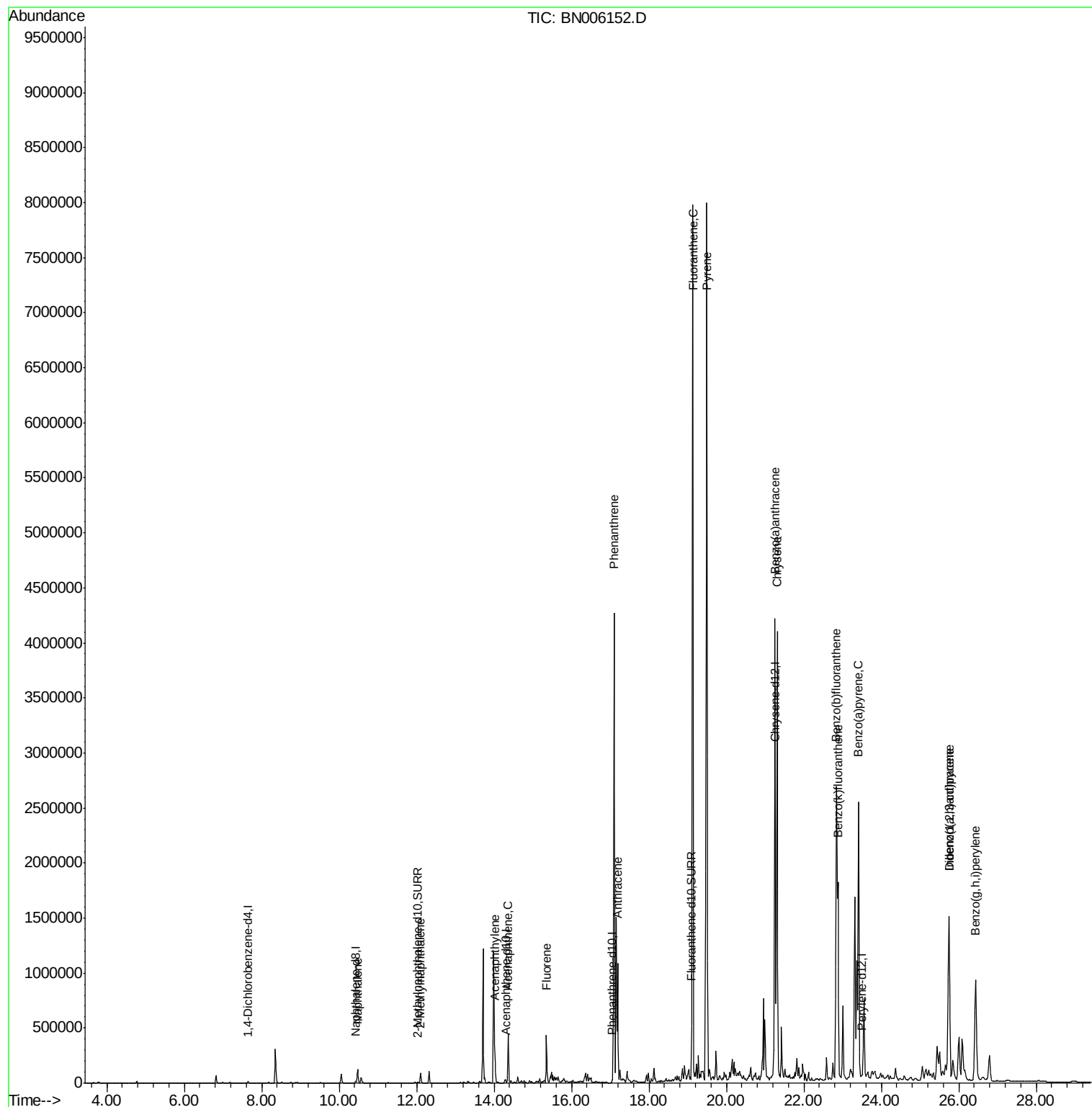
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
Data File : BN006152.D
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ALS Vial : 18 Sample Multiplier: 1

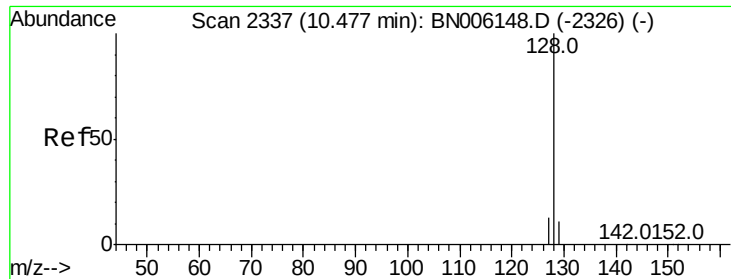
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
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#3

Naphthalene

Concen: 2.513 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BN006152.D

Acq: 07 Jun 2019 01:47

Instrument :

BNA_N

ClientSampled :

C0AC5

Tot Ion:128 Resp: 172596

Ion Ratio Lower Upper

128 100

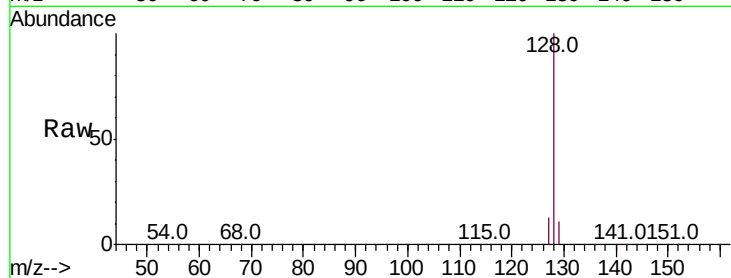
129 11.1 9.3 13.9

127 13.0 10.7 16.1

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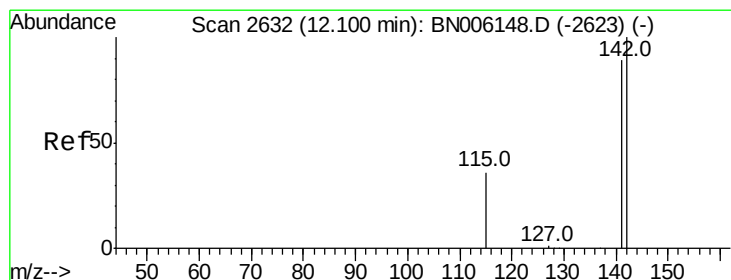
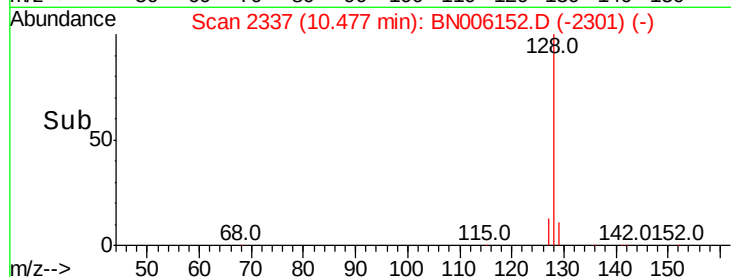
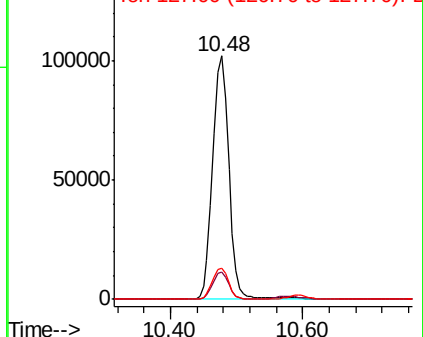
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 1.392 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. 0.00 min

Lab File: BN006152.D

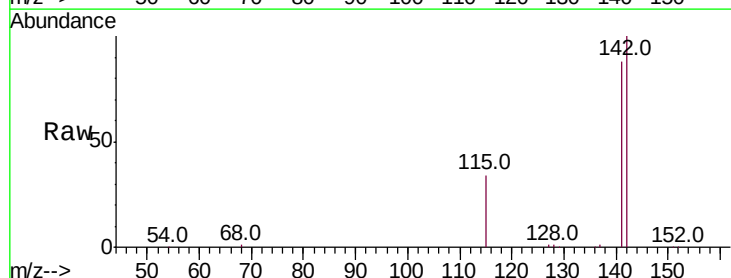
Acq: 07 Jun 2019 01:47

Tgt Ion:142 Resp: 66616

Ion Ratio Lower Upper

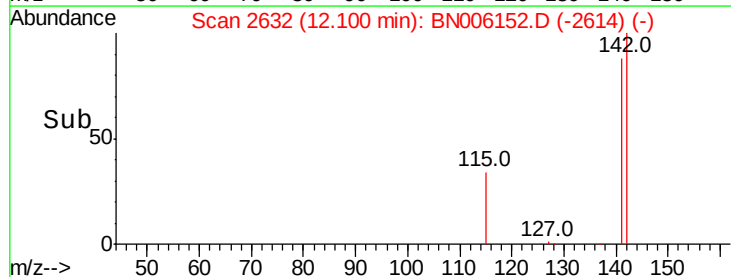
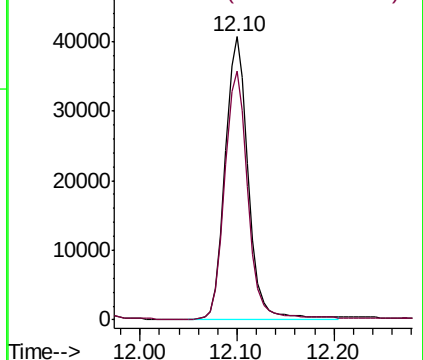
142 100

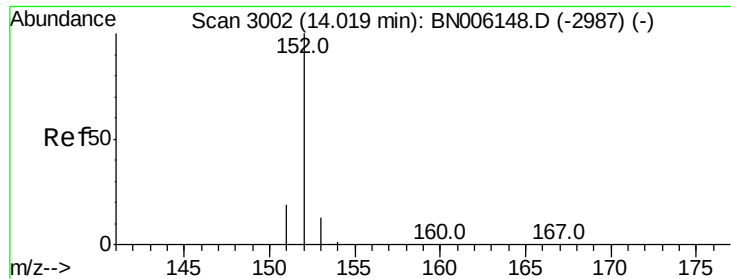
141 89.0 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 4.461 ng/ul

RT: 14.02 min Scan# 3002

Delta R.T. 0.00 min

Lab File: BN006152.D

Acq: 07 Jun 2019 01:47

Instrument :

BNA_N

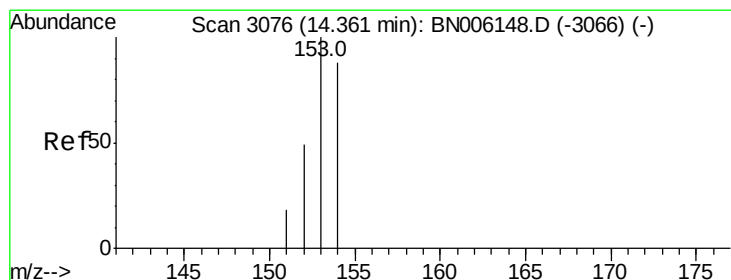
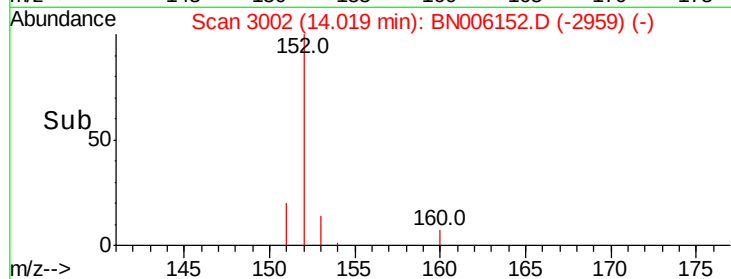
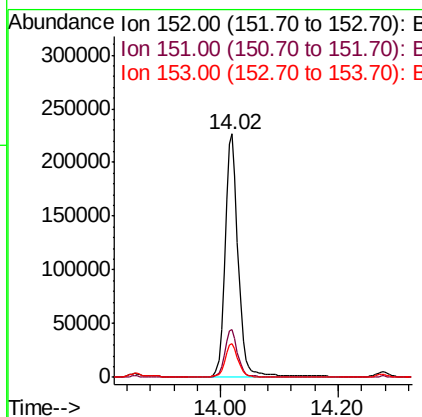
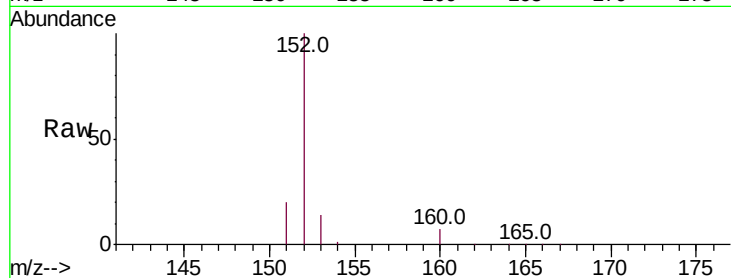
ClientSampleId :

C0AC5

Tot Ion:	152	Resp:	353898
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.8	23.8
153	13.8	10.8	16.2

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#8

Acenaphthene

Concen: 4.481 ng/ul

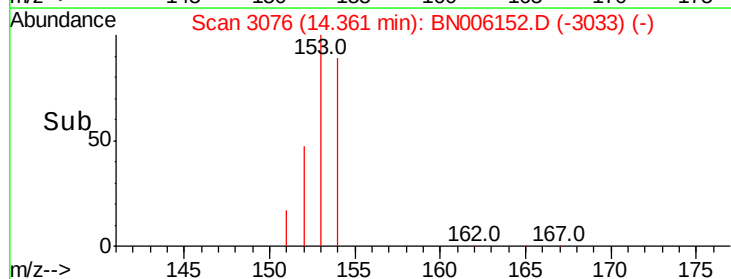
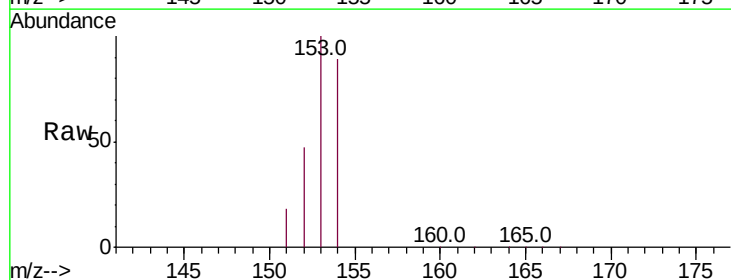
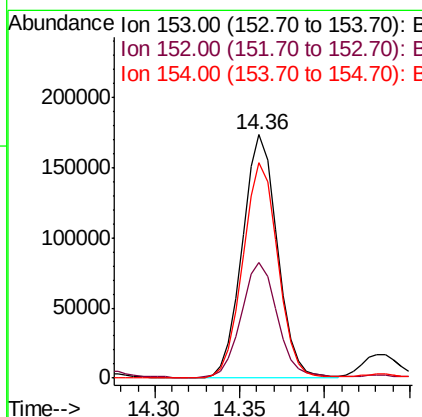
RT: 14.36 min Scan# 3076

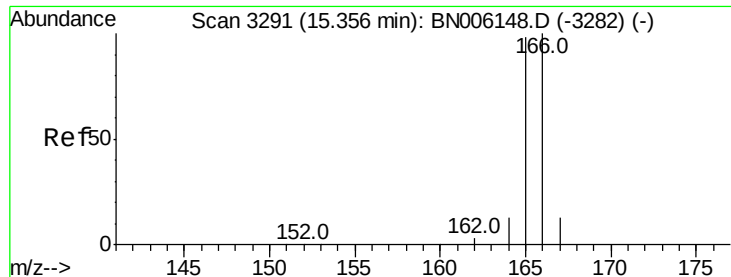
Delta R.T. 0.00 min

Lab File: BN006152.D

Acq: 07 Jun 2019 01:47

Tgt Ion:	153	Resp:	246601
Ion Ratio	Lower	Upper	
153	100		
152	47.5	39.1	58.7
154	88.6	71.1	106.7





#9

Fluorene

Concen: 4.232 ng/ul

RT: 15.36 min Scan# 3291

Delta R.T. 0.00 min

Lab File: BN006152.D

Acq: 07 Jun 2019 01:47

Instrument :

BNA_N

ClientSampleId :

C0AC5

Tot Ion:166 Resp: 272503

Ion Ratio Lower Upper

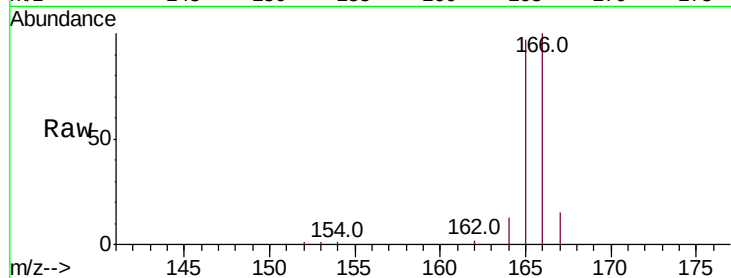
166 100

165 96.6 76.4 114.6

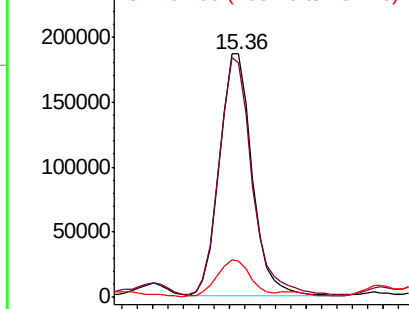
167 14.9 11.0 16.6

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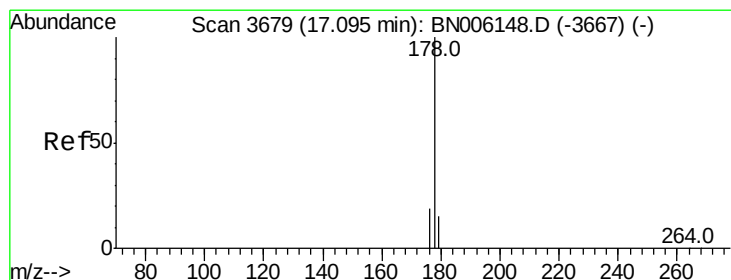
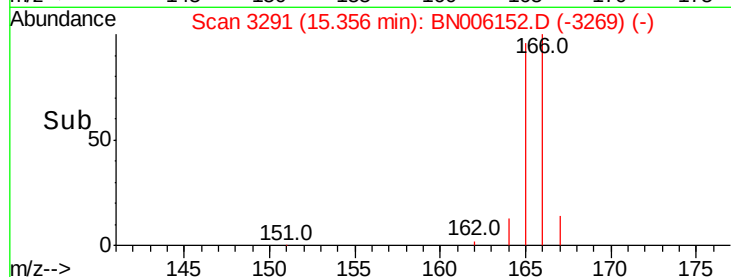
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->



#12

Phenanthrene

Concen: 50.047 ng/ul m

RT: 17.10 min Scan# 3680

Delta R.T. 0.00 min

Lab File: BN006152.D

Acq: 07 Jun 2019 01:47

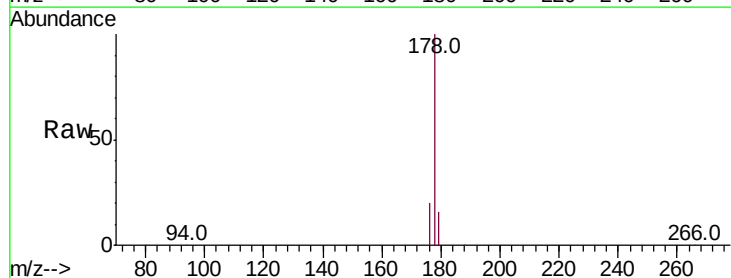
Tgt Ion:178 Resp: 4684885

Ion Ratio Lower Upper

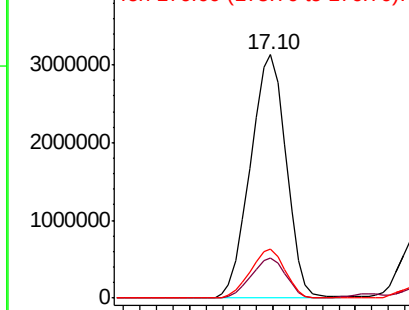
178 100

179 16.2 12.3 18.5

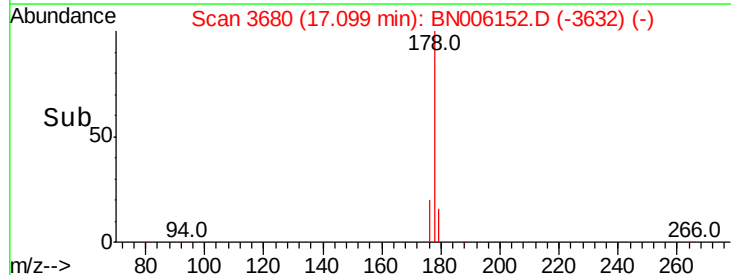
176 20.1 15.3 22.9

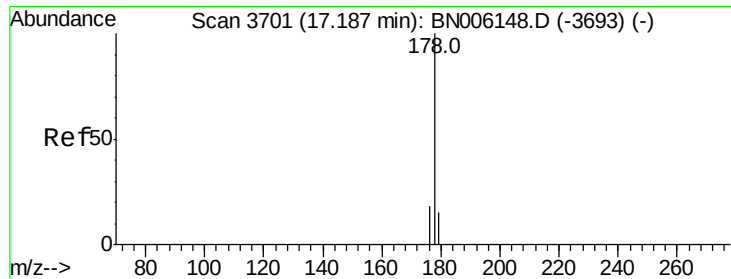


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->





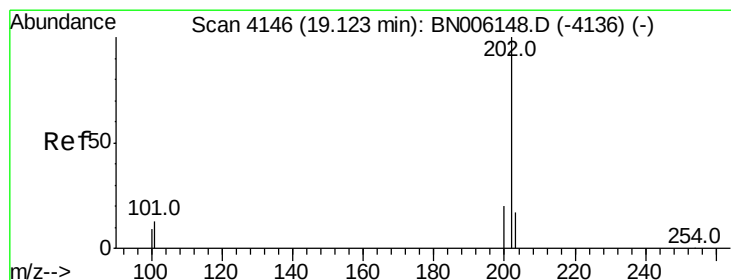
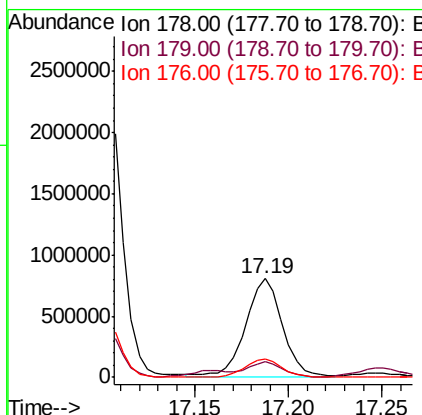
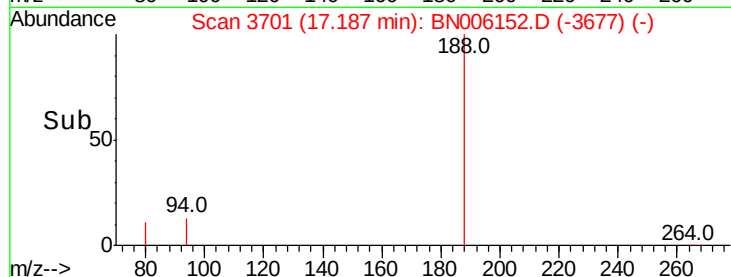
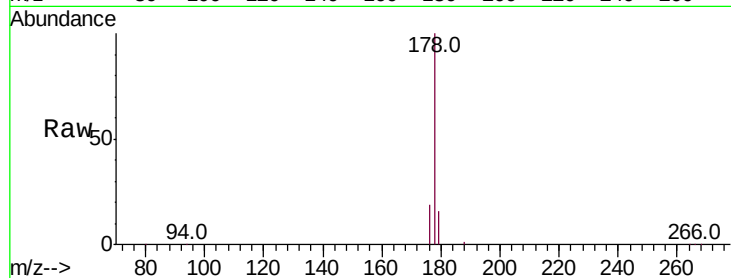
#13
 Anthracene
 Concen: 12.653 ng/ul m
 RT: 17.19 min Scan# 3701
 Delta R.T. 0.00 min
 Lab File: BN006152.D
 Acq: 07 Jun 2019 01:47

Instrument :
 BNA_N
 ClientSampleId :
 C0AC5

Tot Ion:178 Resp: 1131118
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.2 18.4
 176 18.6 15.1 22.7

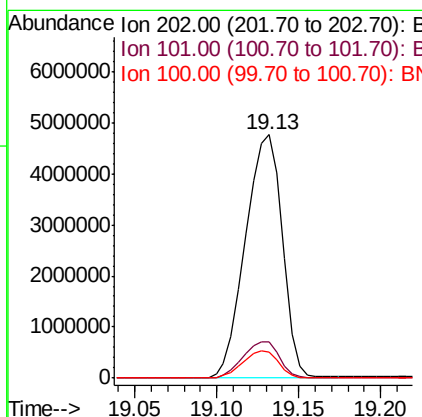
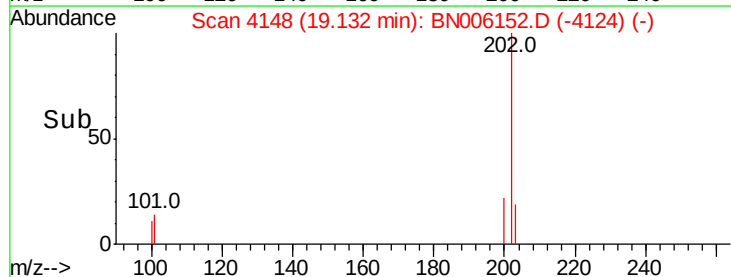
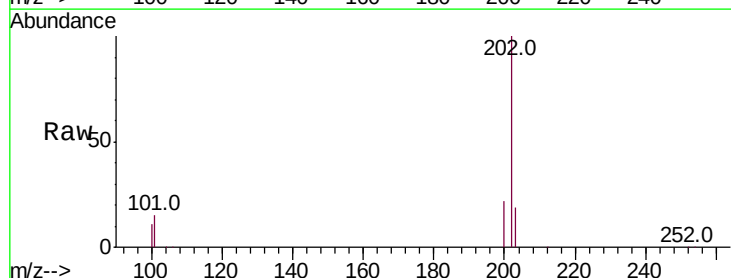
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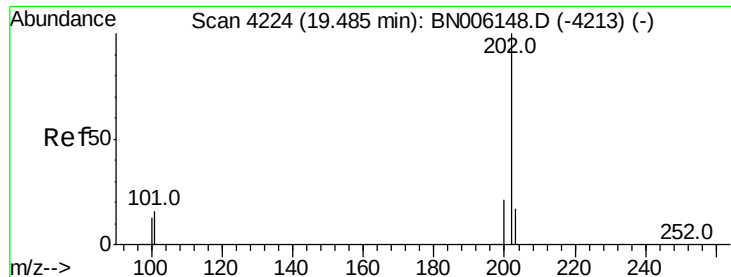
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#15
 Fluoranthene
 Concen: 71.858 ng/ul m
 RT: 19.13 min Scan# 4148
 Delta R.T. 0.01 min
 Lab File: BN006152.D
 Acq: 07 Jun 2019 01:47

Tgt Ion:202 Resp: 7427720
 Ion Ratio Lower Upper
 202 100
 101 14.7 0.0 32.1
 100 10.8 0.0 28.7





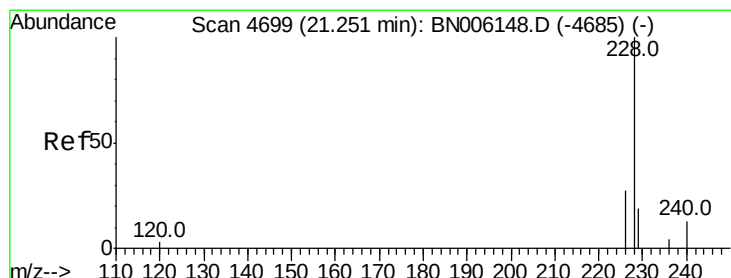
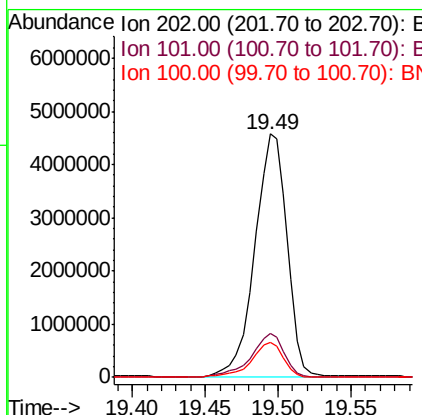
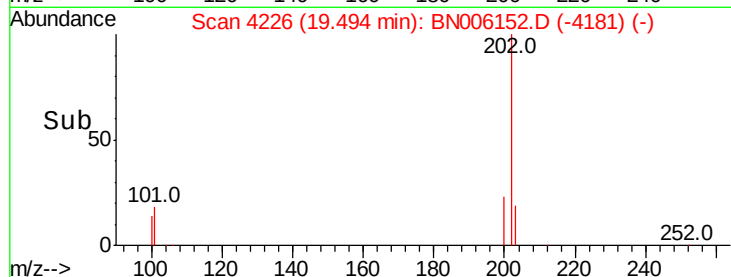
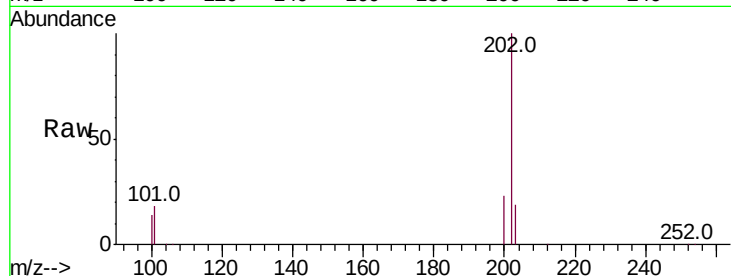
#17
Pvrene
Concen: 61.412 ng/ul
RT: 19.49 min Scan# 4226
Delta R.T. 0.01 min
Lab File: BN006152.D
Acq: 07 Jun 2019 01:47

Instrument :
BNA_N
ClientSampleId :
C0AC5

Tot Ion:202 Resp: 7021843
Ion Ratio Lower Upper
202 100
101 17.8 12.2 18.2
100 14.3 9.8 14.6

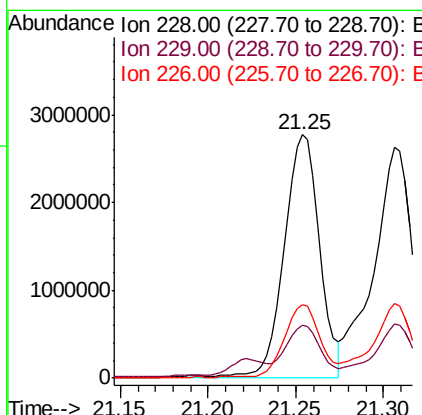
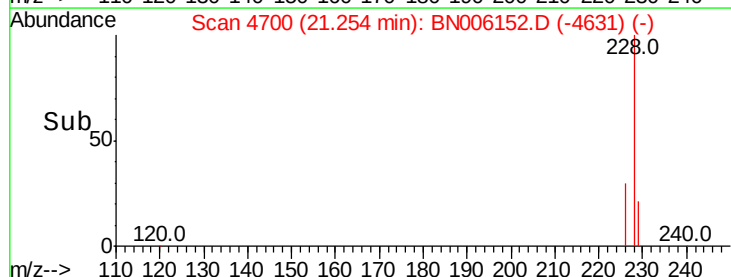
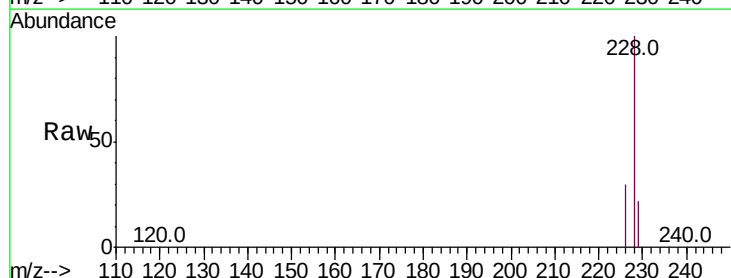
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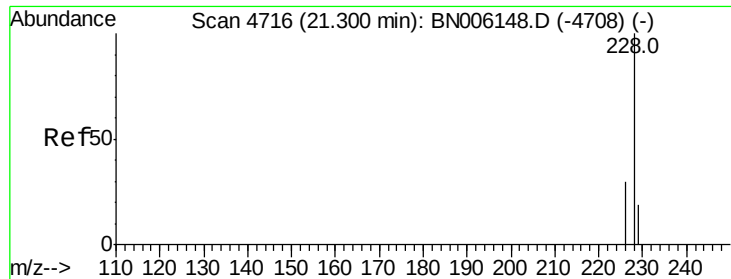
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#18
Benzo(a)anthracene
Concen: 40.728 ng/ul m
RT: 21.25 min Scan# 4700
Delta R.T. 0.00 min
Lab File: BN006152.D
Acq: 07 Jun 2019 01:47

Tgt Ion:228 Resp: 3910127
Ion Ratio Lower Upper
228 100
229 21.6 16.5 24.7
226 30.2 22.8 34.2





#19

Chrysene

Concen: 44.363 ng/ul

RT: 21.31 min Scan# 4718

Delta R.T. 0.01 min

Lab File: BN006152.D

Acq: 07 Jun 2019 01:47

Instrument :

BNA_N

ClientSampleId :

C0AC5

Tot Ion:228 Resp: 3998409

Ion Ratio Lower Upper

228 100

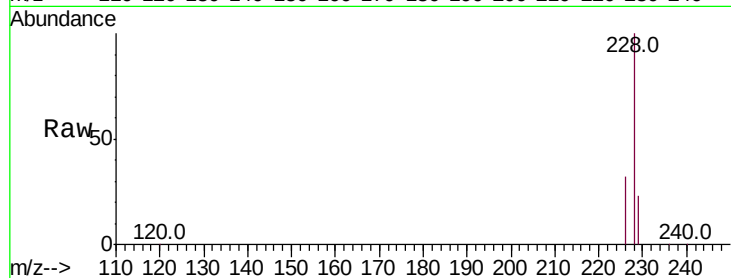
226 32.0 25.0 37.6

229 23.2 16.3 24.5

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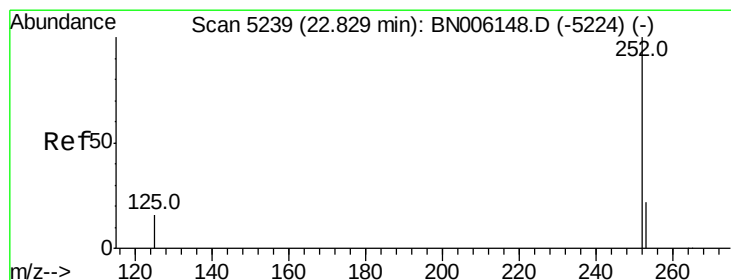
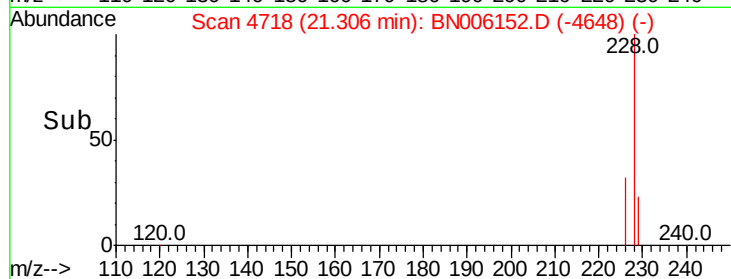
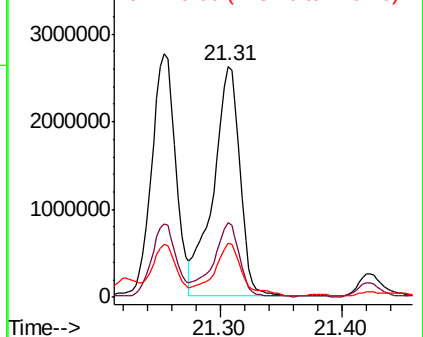
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 43.918 ng/ul m

RT: 22.84 min Scan# 5243

Delta R.T. 0.01 min

Lab File: BN006152.D

Acq: 07 Jun 2019 01:47

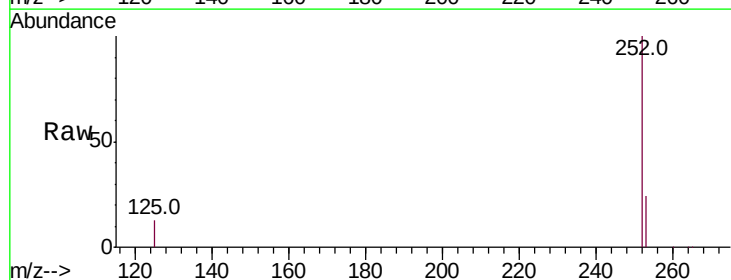
Tgt Ion:252 Resp: 4700169

Ion Ratio Lower Upper

252 100

253 23.6 0.0 51.4

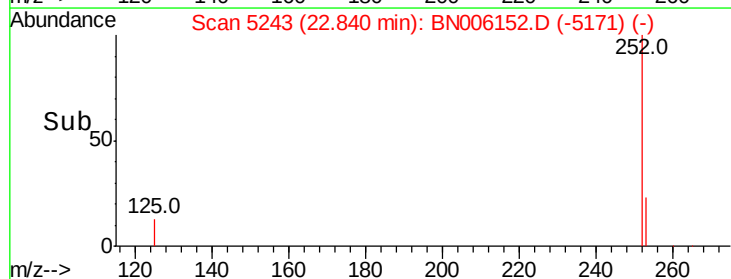
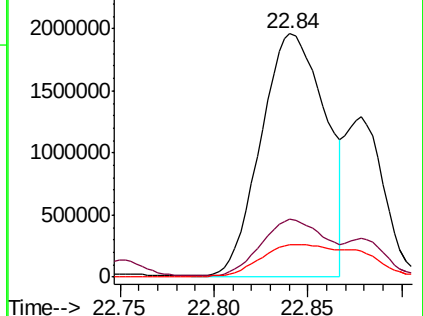
125 13.4 0.0 41.0

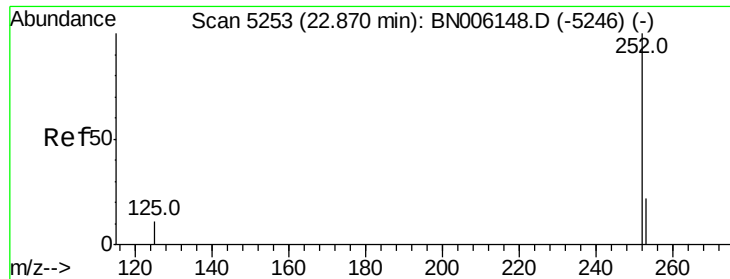


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 17.725 ng/ul m

RT: 22.88 min Scan# 5256

Delta R.T. 0.01 min

Lab File: BN006152.D

Acq: 07 Jun 2019 01:47

Instrument :

BNA_N

ClientSampled :

C0AC5

Tot Ion:252 Resp: 1847668

Ion Ratio Lower Upper

252 100

253 24.2

125 16.5

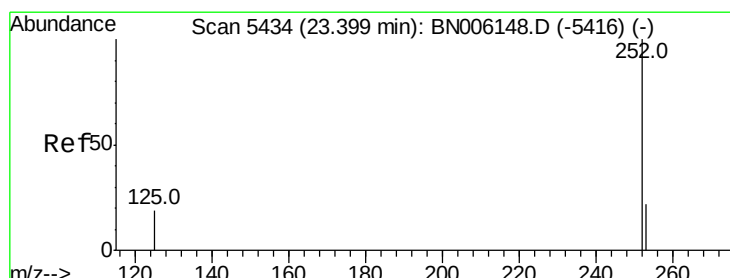
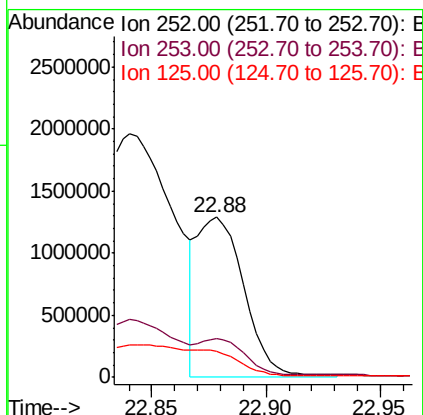
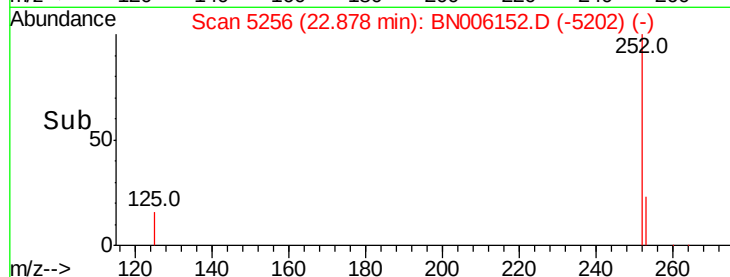
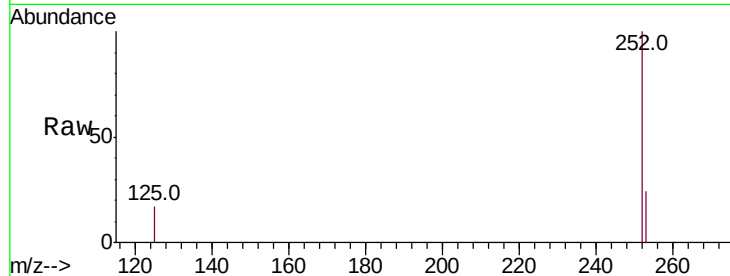
20.3

14.3

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#23

Benzo(a)pyrene

Concen: 36.088 ng/ul m

RT: 23.41 min Scan# 5438

Delta R.T. 0.01 min

Lab File: BN006152.D

Acq: 07 Jun 2019 01:47

Tgt Ion:252 Resp: 3596988

Ion Ratio Lower Upper

252 100

253 23.6

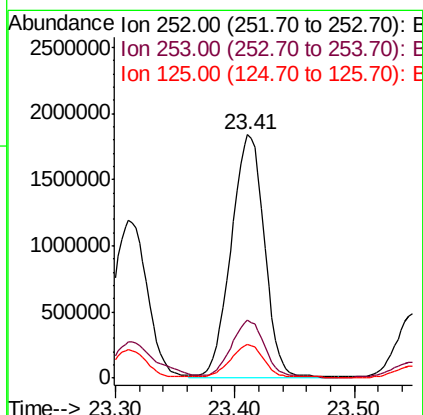
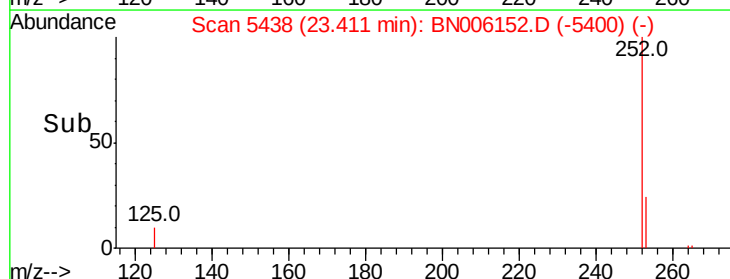
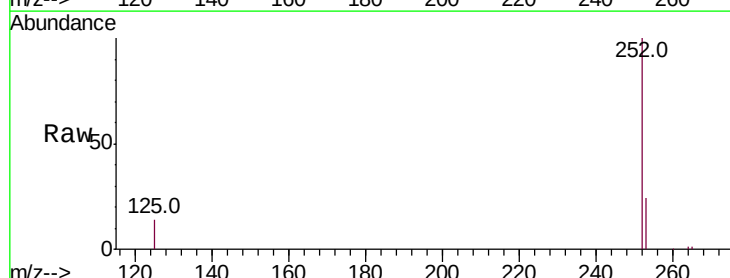
125 13.8

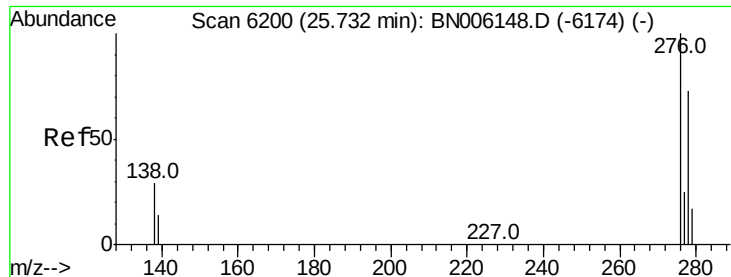
21.1

20.3

31.7

30.5#





#24

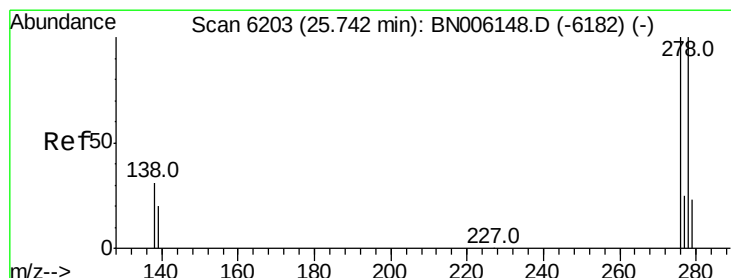
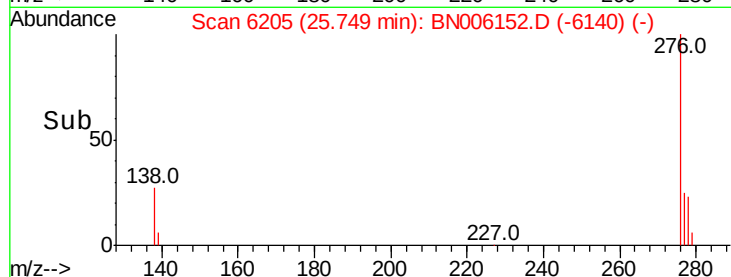
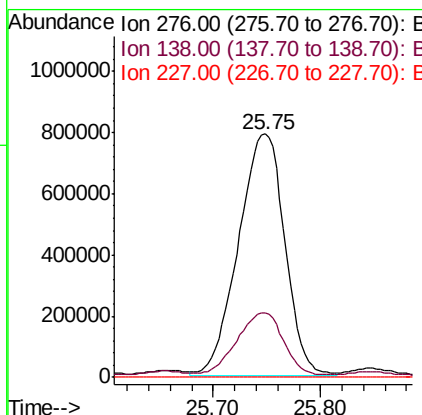
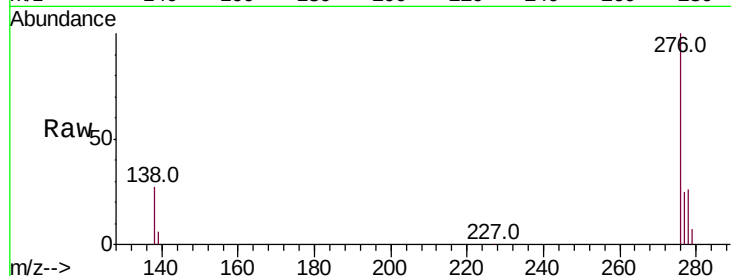
Indeno(1,2,3-cd)pyrene
Concen: 21.988 ng/ul m
RT: 25.75 min Scan# 6205
Delta R.T. 0.02 min
Lab File: BN006152.D
Acq: 07 Jun 2019 01:47

Instrument :
BNA_N
ClientSampleId :
C0AC5

Tot Ion	Ratio	Lower	Upper
276	100		
138	1.8	25.6	38.4#
227	0.0	0.3	0.5#

Manual Integrations
APPROVED

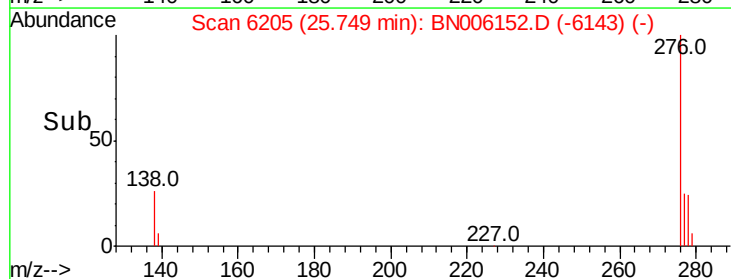
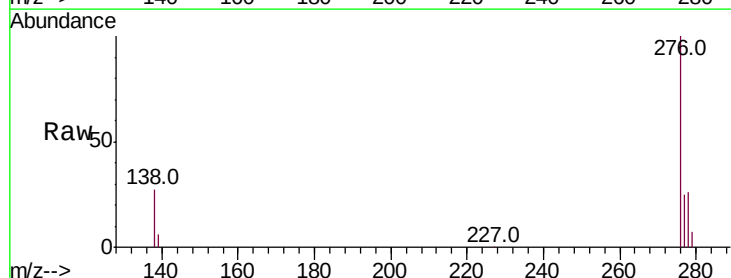
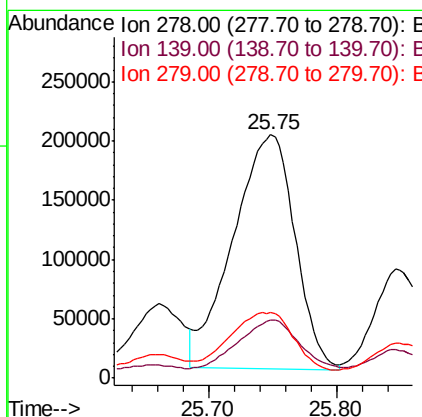
mohammad
6/11/2019 5:07:42 PM

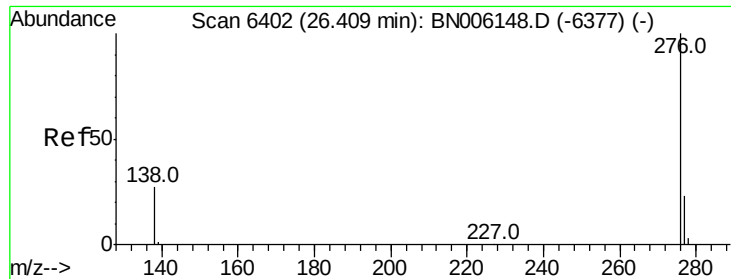


#25

Dibenzo(a,h)anthracene
Concen: 7.731 ng/ul m
RT: 25.75 min Scan# 6205
Delta R.T. 0.01 min
Lab File: BN006152.D
Acq: 07 Jun 2019 01:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.8	21.2	31.8
279	26.9	22.6	33.8





#26

Benzo(a,h,i)perylene

Concen: 20.566 ng/ul

RT: 26.43 min Scan# 6409

Delta R.T. 0.02 min

Lab File: BN006152.D

Acq: 07 Jun 2019 01:47

Instrument :

BNA_N

ClientSampleId :

C0AC5

Tot Ion:276 Resp: 1858385

Ion Ratio Lower Upper

276 100

138 26.9 24.2 36.4

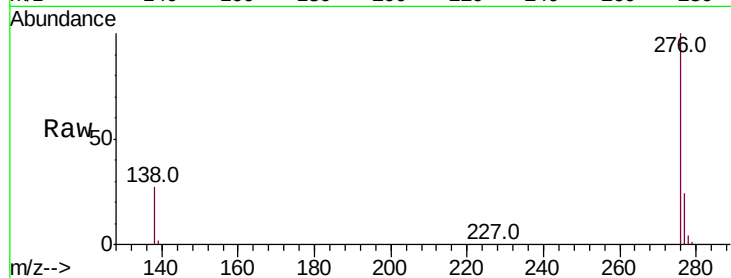
277 24.4 21.5 32.3

Manual Integrations

APPROVED

mohammad

6/11/2019 5:07:42 PM



Abundance Ion 276.00 (275.70 to 276.70): E

800000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

