

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
 Data File : BN006177.D
 Acq On : 07 Jun 2019 21:03
 Operator : JU/SJ
 Sample : K3201-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7

Manual Integrations
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 6/11/2019 5:08:57 PM

Quant Time: Jun 08 03:32:48 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	4846	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	18477	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10605	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	21917m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	16722m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	22912m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	8282	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	18189m	0.31	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	137100	2.689	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	42503	1.196	ng/ul	100
7) Acenaphthylene	14.01	152	195573	3.318	ng/ul	100
8) Acenaphthene	14.36	153	126243	3.087	ng/ul	99
9) Fluorene	15.35	166	155753	3.255	ng/ul	97
12) Phenanthrene	17.09	178	2628644m	37.363	ng/ul	
13) Anthracene	17.18	178	604565m	8.998	ng/ul	
15) Fluoranthene	19.12	202	4191187m	53.950	ng/ul	
17) Pyrene	19.49	202	3902448	44.305	ng/ul	97
18) Benzo(a)anthracene	21.25	228	2140183m	28.937	ng/ul	
19) Chrysene	21.30	228	2175195	31.329	ng/ul	98
21) Benzo(b)fluoranthene	22.83	252	2633853m	27.569	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	1037496m	11.149	ng/ul	
23) Benzo(a)pyrene	23.40	252	1969130m	22.130	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.74	276	1247325	12.951	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.74	278	364833m	4.738	ng/ul	
26) Benzo(a,h,i)perylene	26.42	276	1014747	12.580	ng/ul	94

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

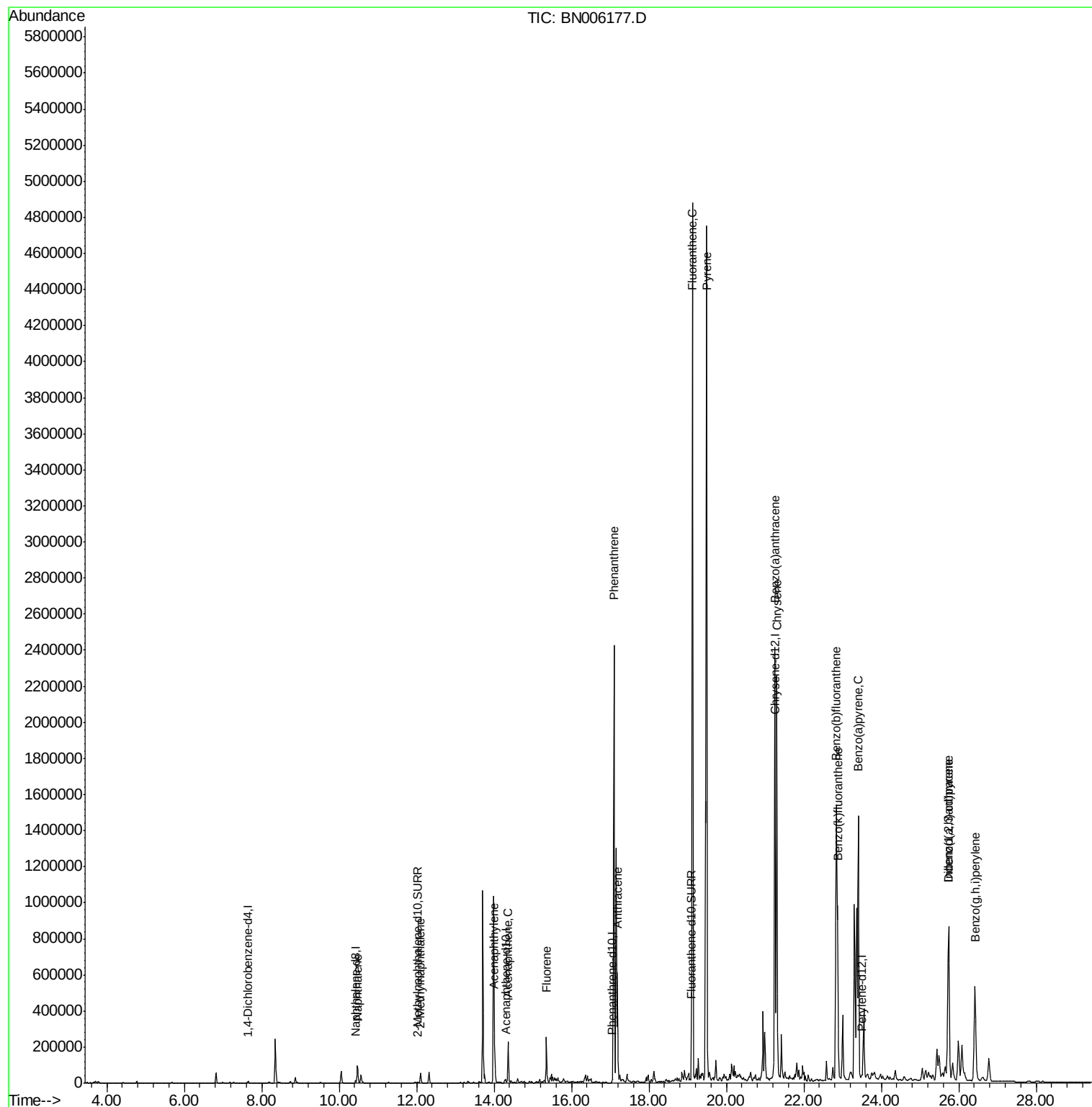
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
Data File : BN006177.D
Acq On : 07 Jun 2019 21:03
Operator : JU/SJ
Sample : K3201-16
Misc :
ALS Vial : 43 Sample Multiplier: 1

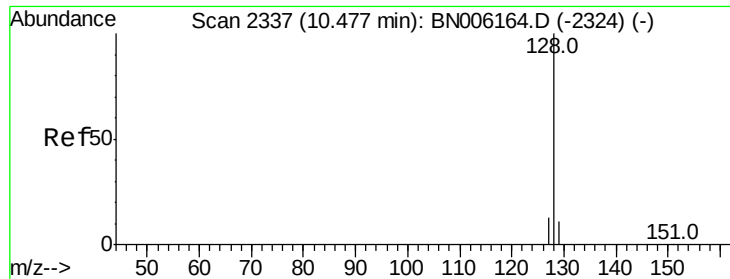
Instrument :
BNA_N
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C0AC7

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Quant Time: Jun 08 03:32:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
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#3

Naphthalene

Concen: 2.689 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.01 min

Lab File: BN006177.D

Acq: 07 Jun 2019 21:03

Instrument :

BNA_N

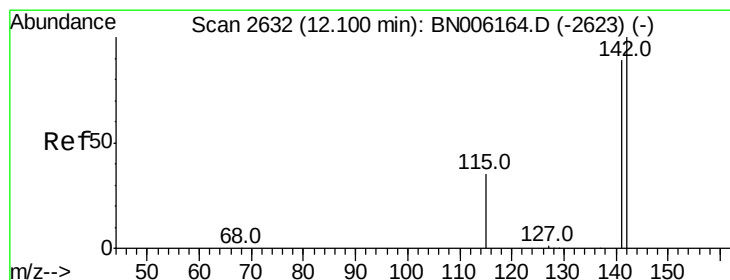
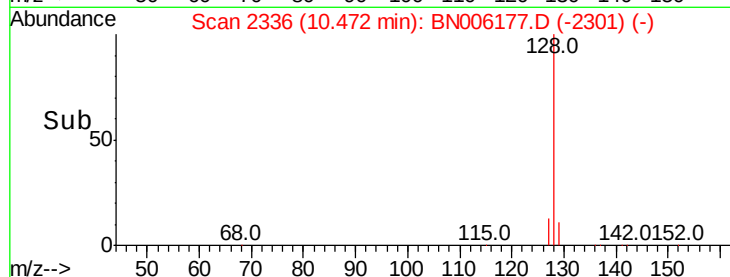
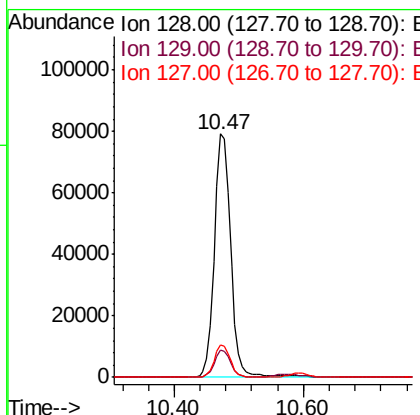
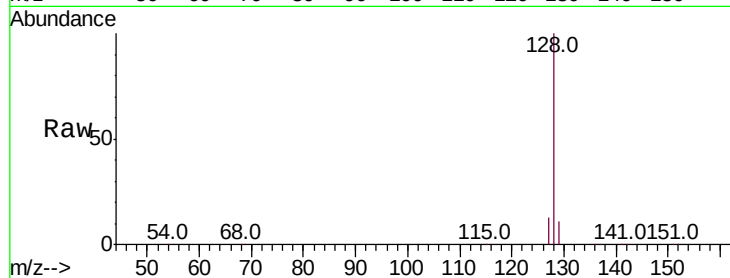
ClientSampled :

C0AC7

Tot Ion:	128	Resp:	137100
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.3	13.9
127	13.1	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 1.196 ng/ul

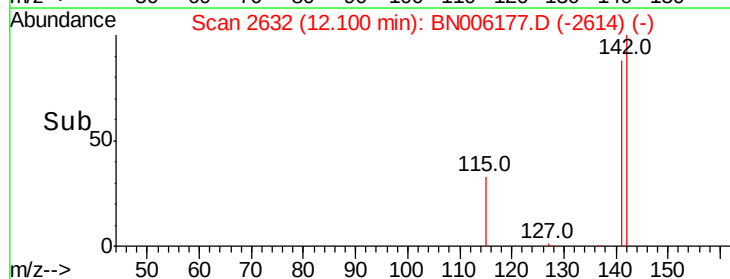
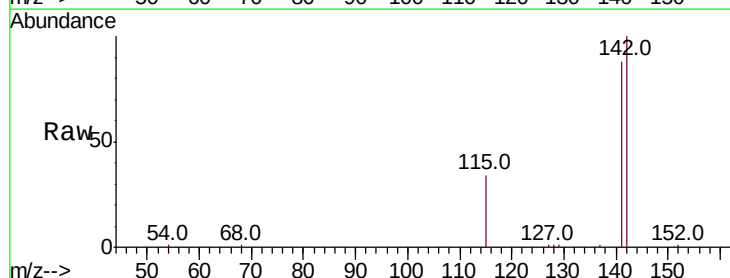
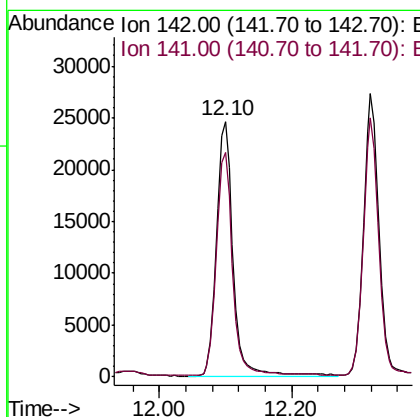
RT: 12.10 min Scan# 2632

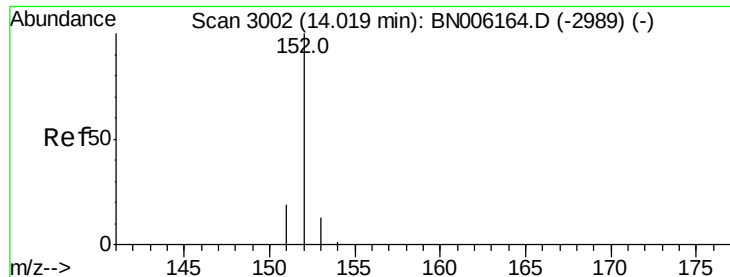
Delta R.T. 0.00 min

Lab File: BN006177.D

Acq: 07 Jun 2019 21:03

Tgt Ion:	142	Resp:	42503
Ion Ratio	Lower	Upper	
142	100		
141	87.6	70.3	105.5





#7

Acenaphthylene

Concen: 3.318 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006177.D

Acq: 07 Jun 2019 21:03

Instrument :

BNA_N

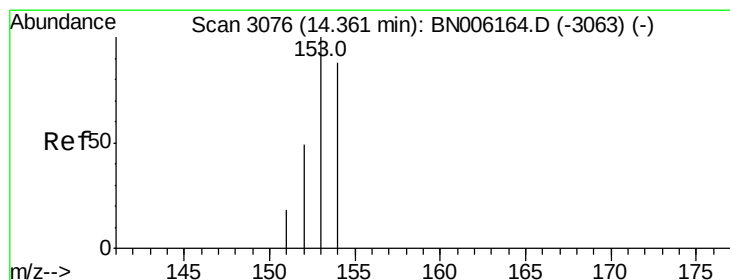
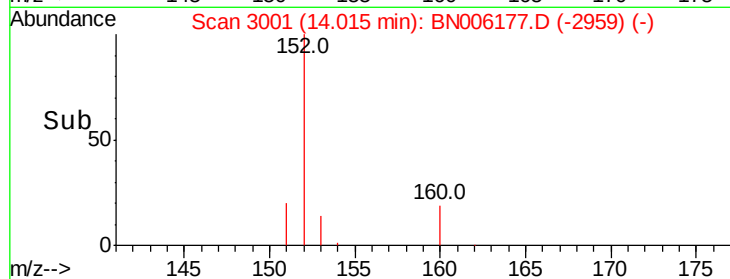
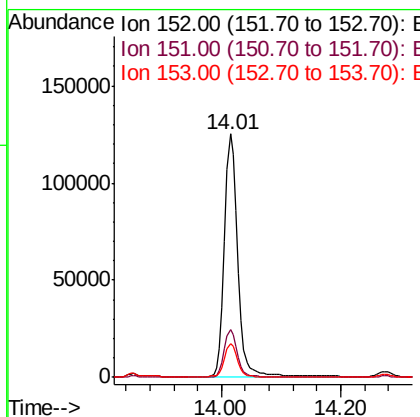
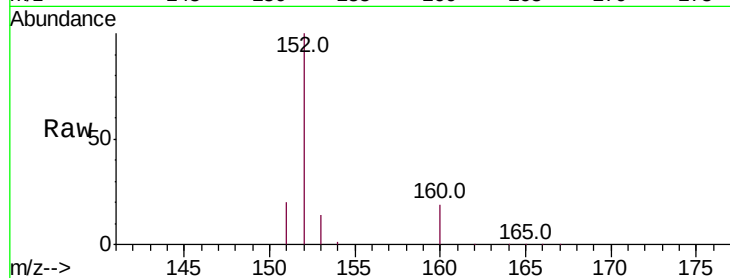
ClientSampleId :

C0AC7

Tot Ion:	152	Resp:	195573
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.8	23.8
153	13.7	10.8	16.2

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#8

Acenaphthene

Concen: 3.087 ng/ul

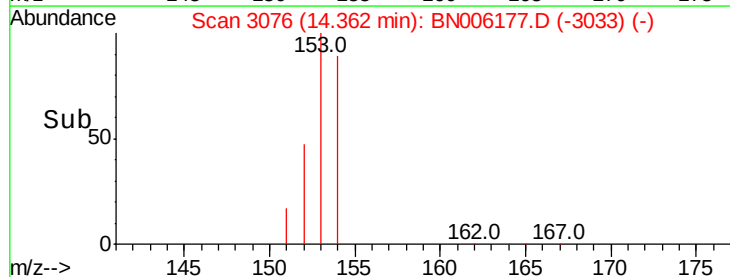
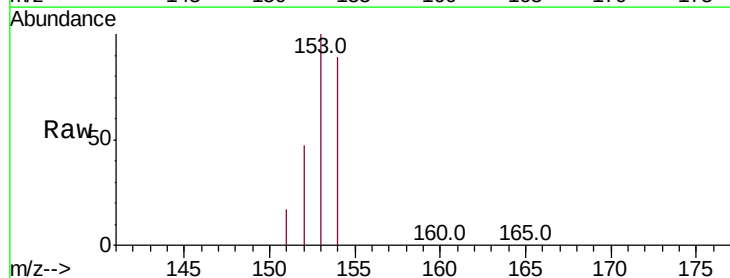
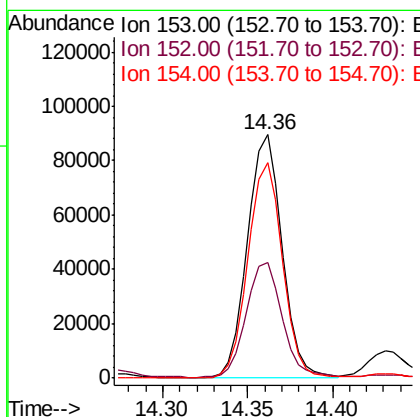
RT: 14.36 min Scan# 3076

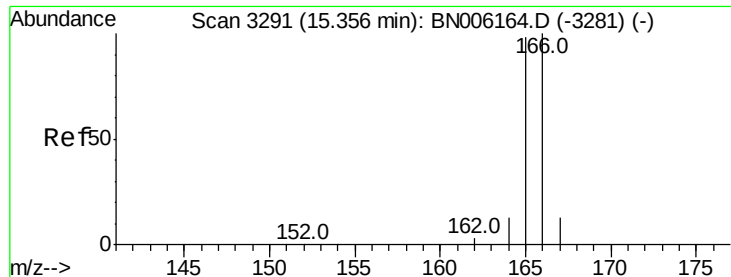
Delta R.T. 0.00 min

Lab File: BN006177.D

Acq: 07 Jun 2019 21:03

Tgt Ion:	153	Resp:	126243
Ion Ratio	Lower	Upper	
153	100		
152	47.3	39.1	58.7
154	88.7	71.1	106.7





#9

Fluorene

Concen: 3.255 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006177.D

Acq: 07 Jun 2019 21:03

Instrument :

BNA_N

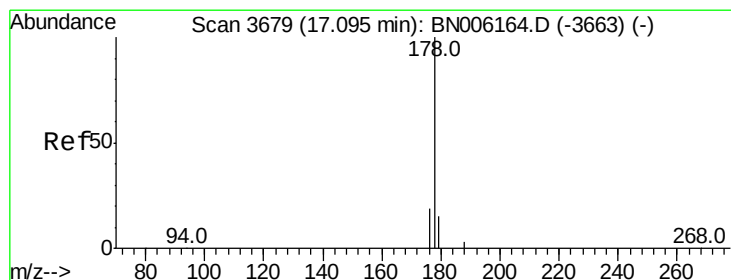
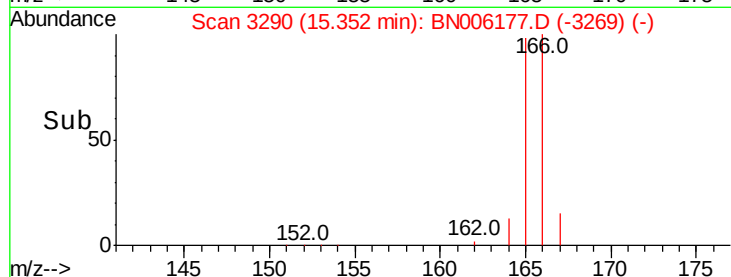
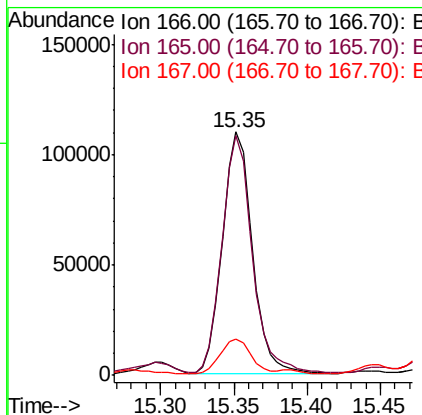
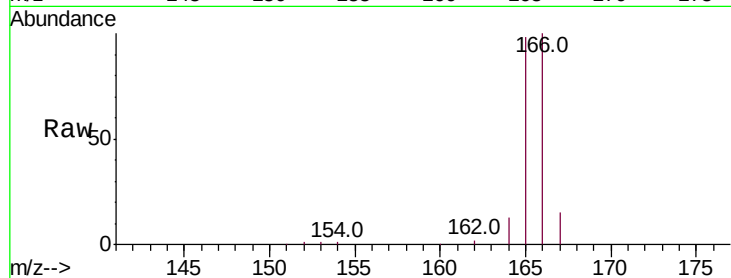
ClientSampled :

C0AC7

Tot Ion:	166	Resp:	155753
Ion Ratio	Lower	Upper	
166	100		
165	98.3	76.4	114.6
167	15.0	11.0	16.6

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#12

Phenanthrene

Concen: 37.363 ng/ul m

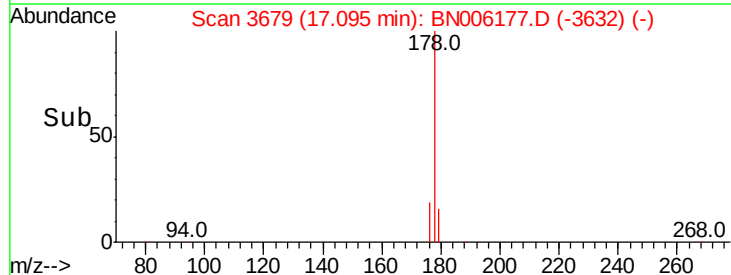
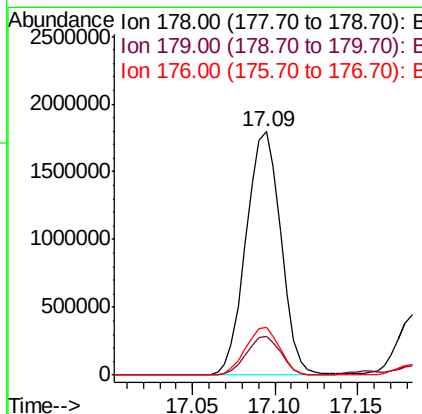
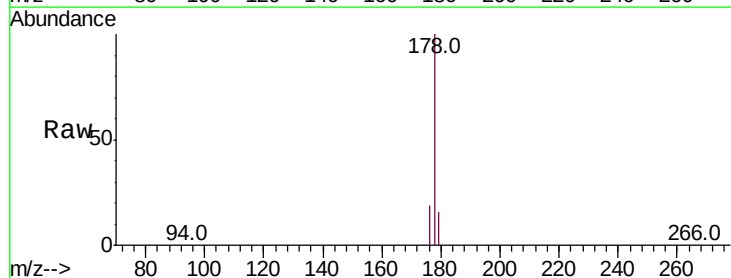
RT: 17.09 min Scan# 3679

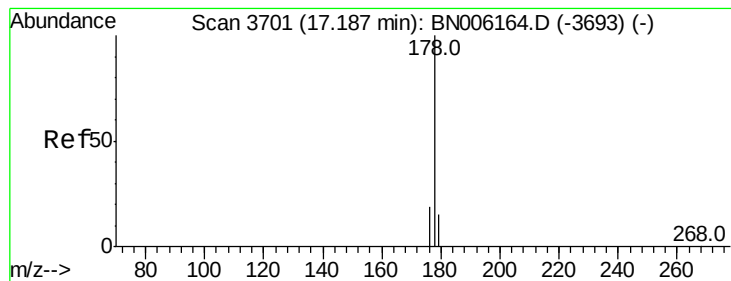
Delta R.T. 0.00 min

Lab File: BN006177.D

Acq: 07 Jun 2019 21:03

Tgt Ion:	178	Resp:	2628644
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.3	18.5
176	19.4	15.3	22.9





#13

Anthracene

Concen: 8.998 ng/ul m

RT: 17.18 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN006177.D

Acq: 07 Jun 2019 21:03

Instrument :

BNA_N

ClientSampleId :

C0AC7

Tot Ion:178 Resp: 604565

Ion Ratio Lower Upper

178 100

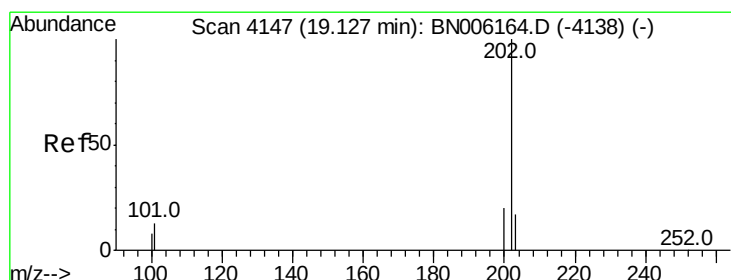
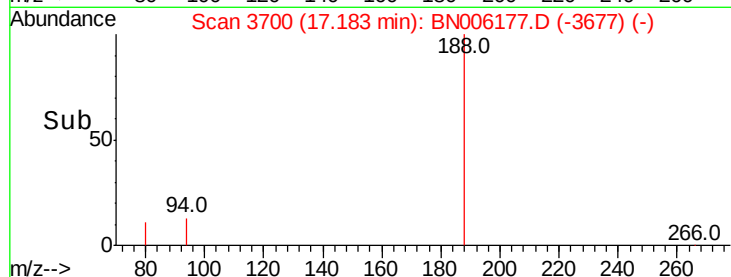
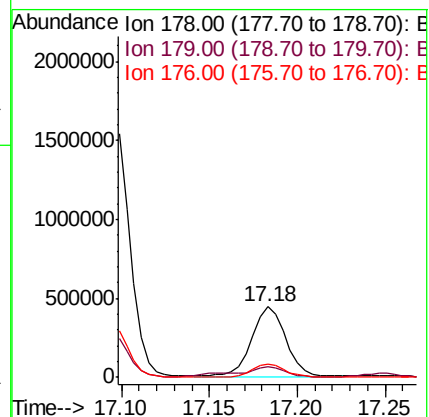
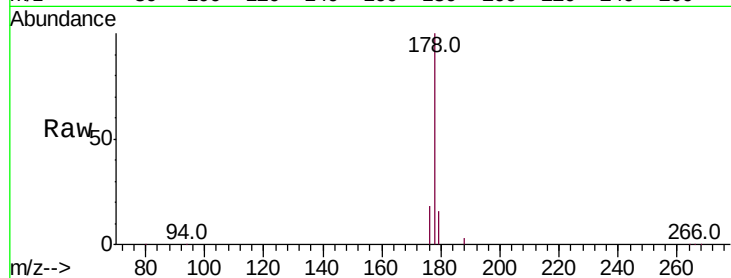
179 15.6 12.2 18.4

176 18.5 15.1 22.7

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#15

Fluoranthene

Concen: 53.950 ng/ul m

RT: 19.12 min Scan# 4146

Delta R.T. 0.00 min

Lab File: BN006177.D

Acq: 07 Jun 2019 21:03

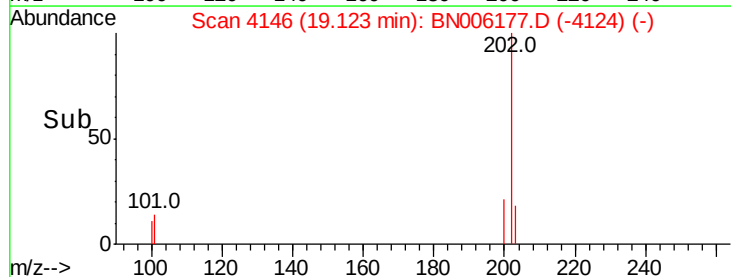
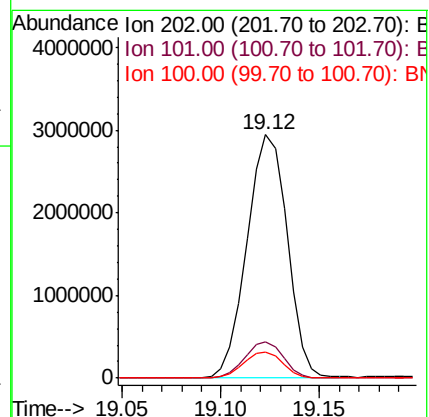
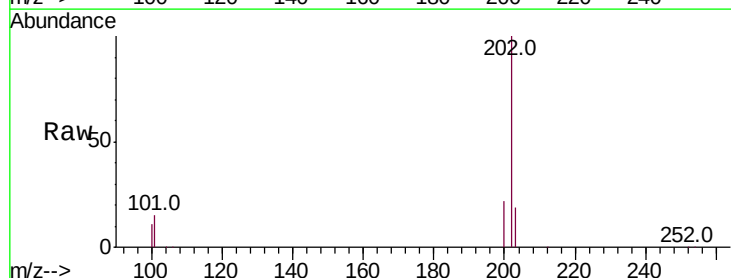
Tgt Ion:202 Resp: 4191187

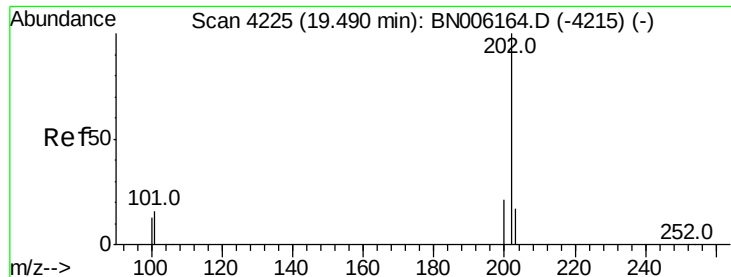
Ion Ratio Lower Upper

202 100

101 14.6 0.0 32.1

100 10.8 0.0 28.7





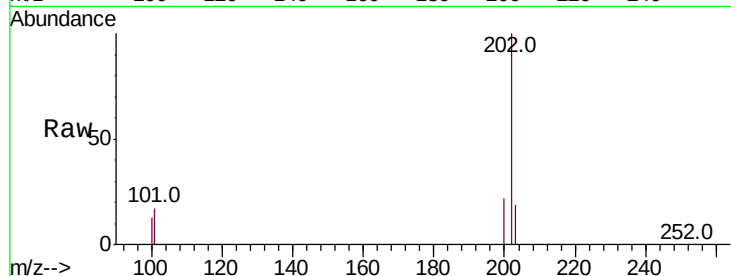
#17
Pvrene
Concen: 44.305 ng/ul
RT: 19.49 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BN006177.D
Acq: 07 Jun 2019 21:03

Instrument :
BNA_N
ClientSampleId :
C0AC7

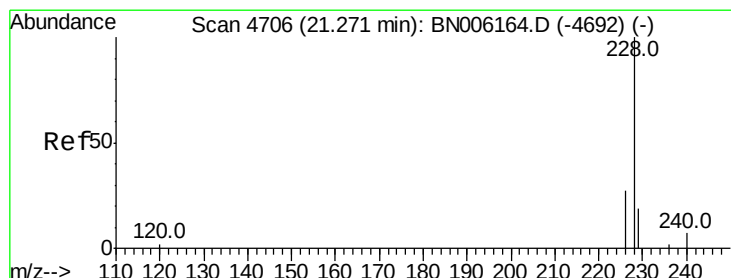
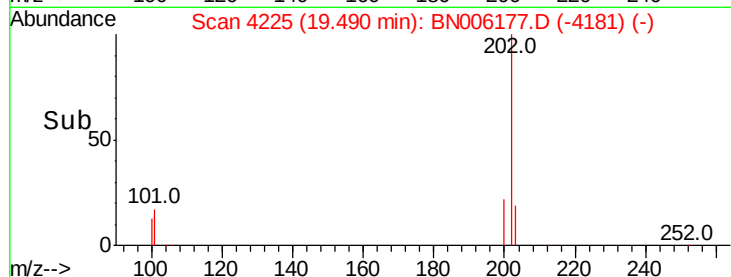
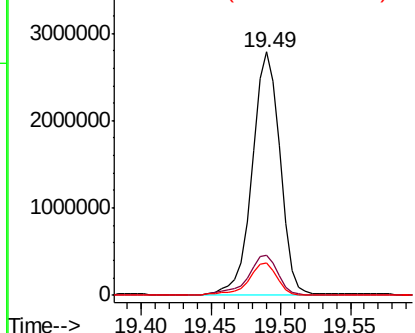
Tot Ion	Ratio	Lower	Upper
202	100		
101	16.5	12.2	18.2
100	13.1	9.8	14.6

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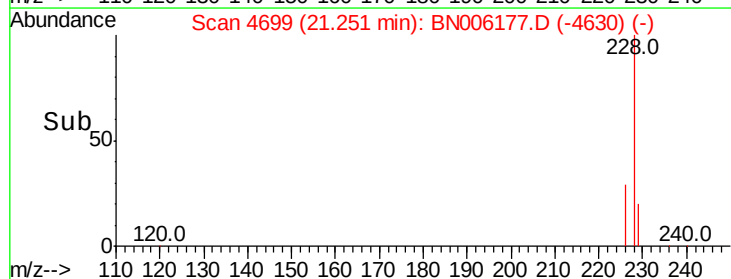
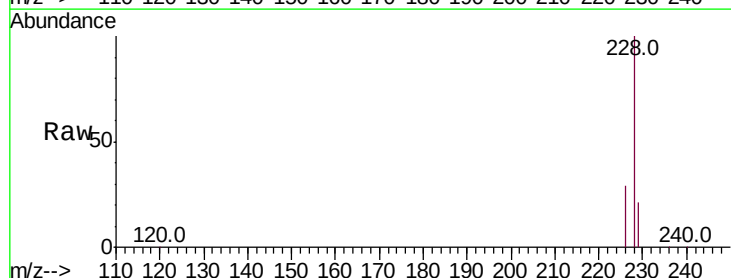
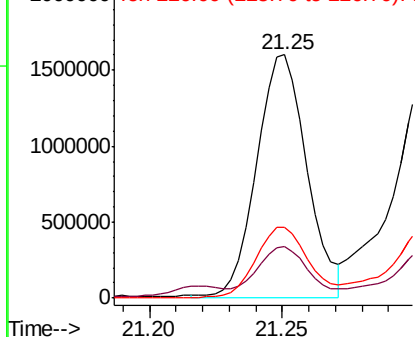
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

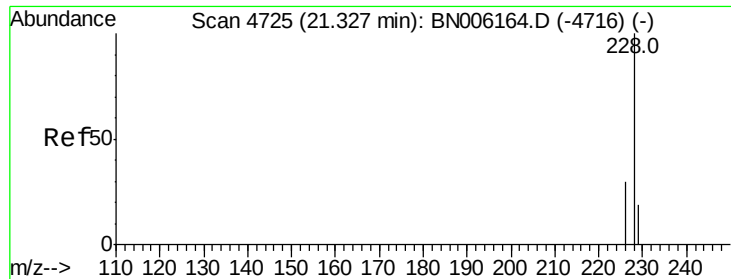


#18
Benzo(a)anthracene
Concen: 28.937 ng/ul m
RT: 21.25 min Scan# 4699
Delta R.T. 0.00 min
Lab File: BN006177.D
Acq: 07 Jun 2019 21:03

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.5	24.7
226	29.0	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: 31.329 ng/ul

RT: 21.30 min Scan# 4717

Delta R.T. 0.00 min

Lab File: BN006177.D

Acq: 07 Jun 2019 21:03

Instrument :

BNA_N

ClientSampleId :

C0AC7

Tot Ion:228 Resp: 2175195

Ion Ratio Lower Upper

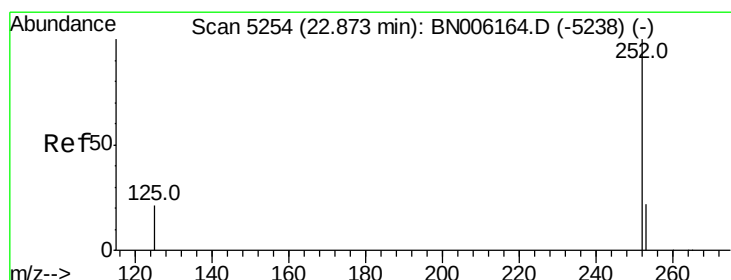
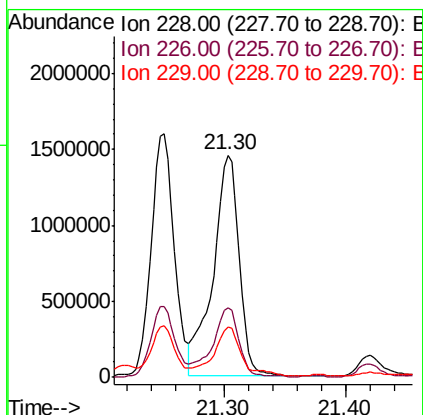
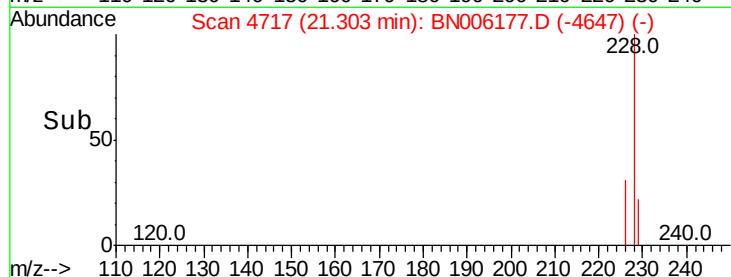
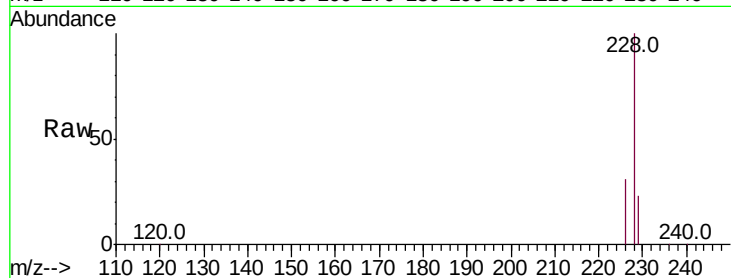
228 100

226 31.3 25.0 37.6

229 22.7 16.3 24.5

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#21

Benzo(b)fluoranthene

Concen: 27.569 ng/ul m

RT: 22.83 min Scan# 5241

Delta R.T. 0.01 min

Lab File: BN006177.D

Acq: 07 Jun 2019 21:03

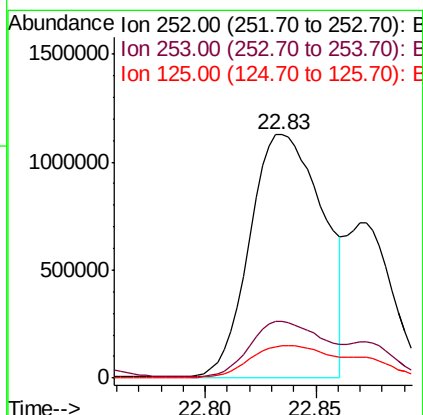
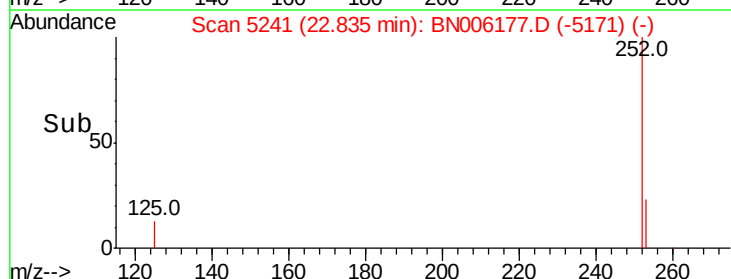
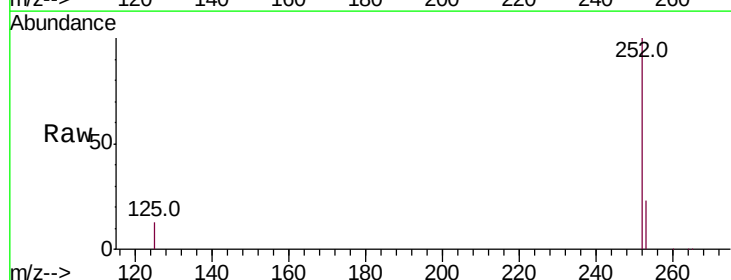
Tgt Ion:252 Resp: 2633853

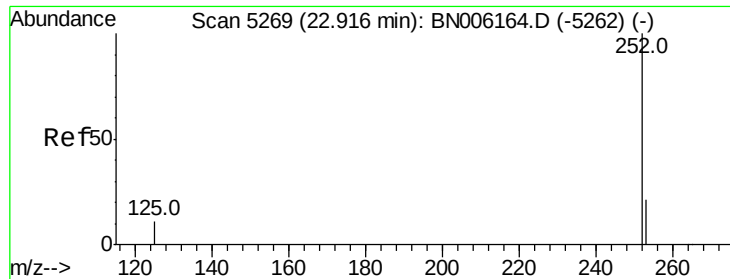
Ion Ratio Lower Upper

252 100

253 23.2 0.0 51.4

125 13.2 0.0 41.0





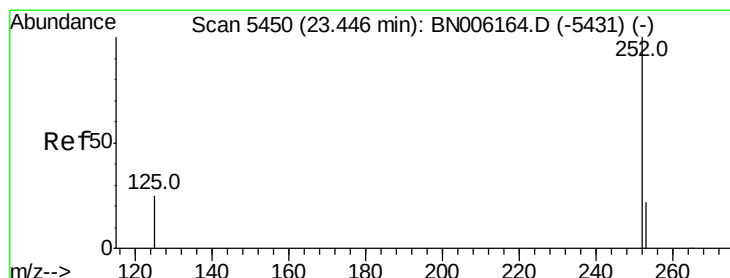
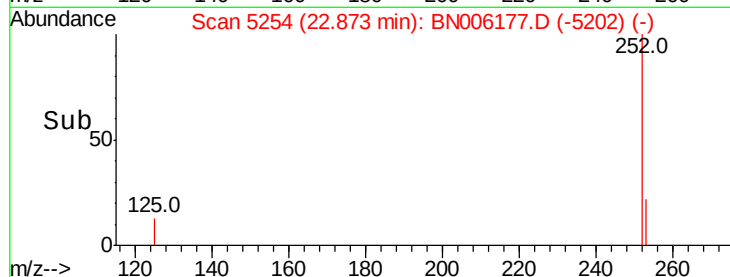
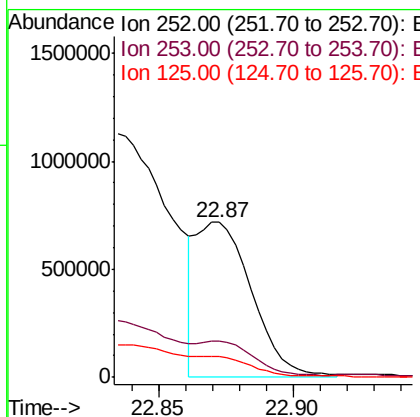
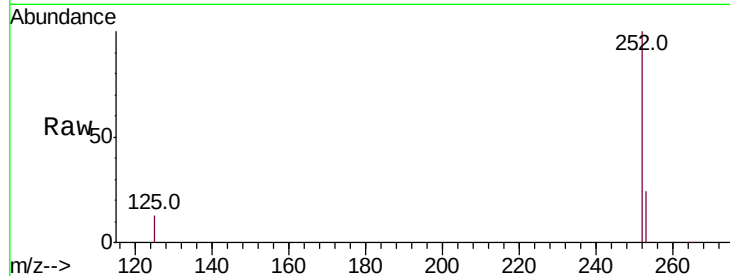
#22
Benzo(k)fluoranthene
Concen: 11.149 ng/ul m
RT: 22.87 min Scan# 5254
Delta R.T. 0.00 min
Lab File: BN006177.D
Acq: 07 Jun 2019 21:03

Instrument :
BNA_N
ClientSampled :
C0AC7

Tot Ion:252 Resp: 1037496
Ion Ratio Lower Upper
252 100
253 23.6 20.3 30.5
125 13.4 14.3 21.5#

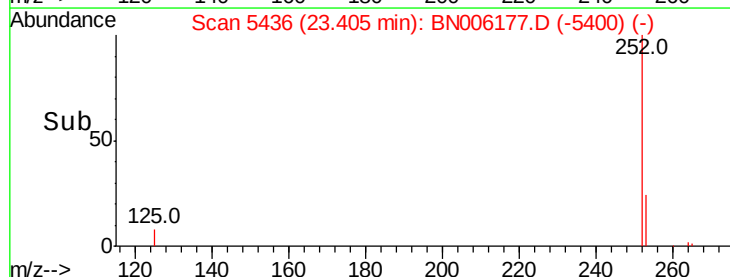
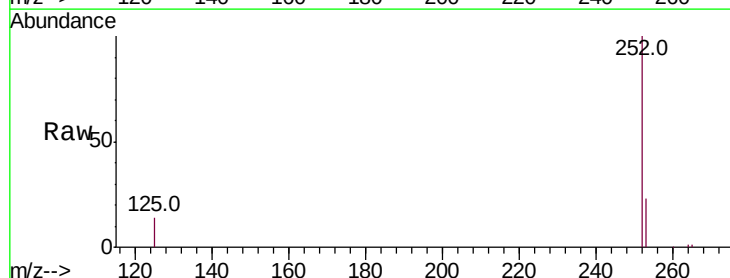
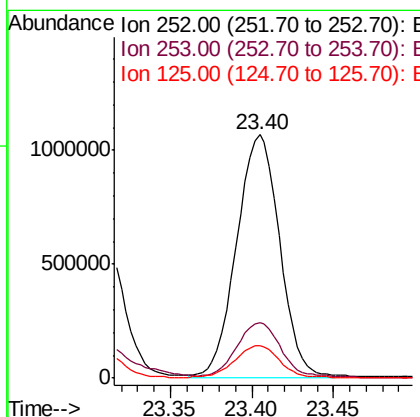
Manual Integrations
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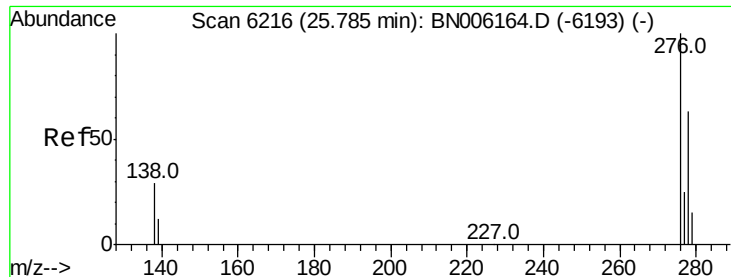
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#23
Benzo(a)pyrene
Concen: 22.130 ng/ul m
RT: 23.40 min Scan# 5436
Delta R.T. 0.01 min
Lab File: BN006177.D
Acq: 07 Jun 2019 21:03

Tgt Ion:252 Resp: 1969130
Ion Ratio Lower Upper
252 100
253 23.0 21.1 31.7
125 13.6 20.3 30.5#





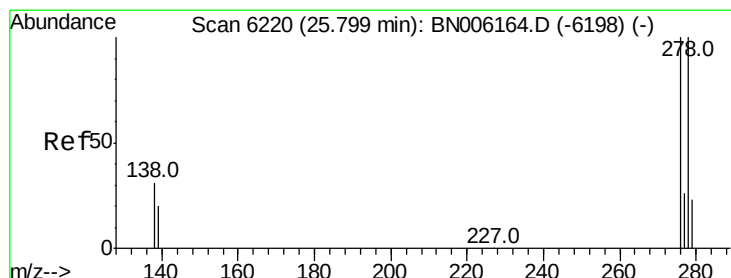
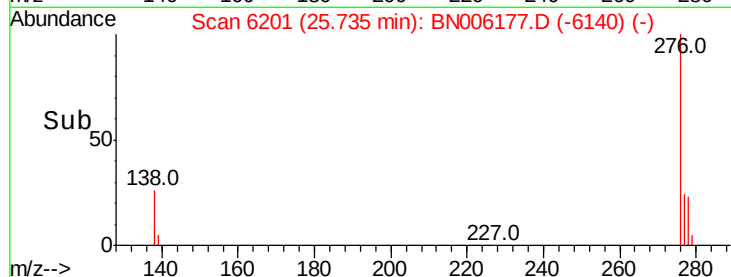
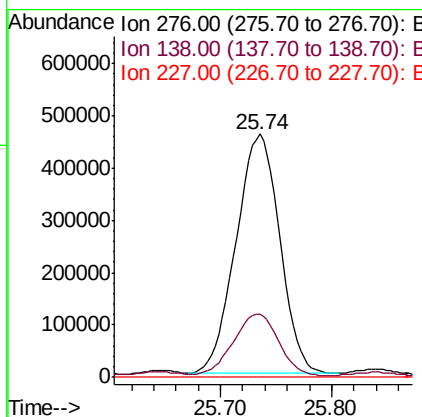
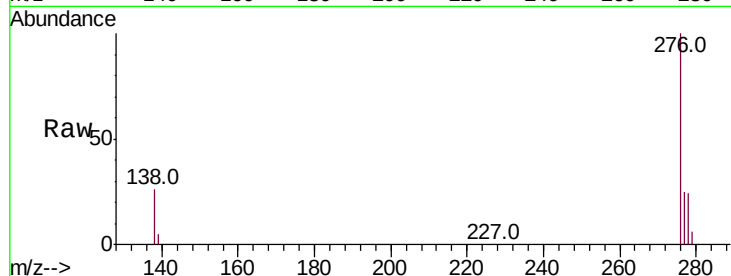
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 12.951 ng/ul
 RT: 25.74 min Scan# 6201
 Delta R.T. 0.00 min
 Lab File: BN006177.D
 Acq: 07 Jun 2019 21:03

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7

Tot Ion:276 Resp: 1247325
 Ion Ratio Lower Upper
 276 100
 138 26.4 25.6 38.4
 227 0.2 0.3 0.5#

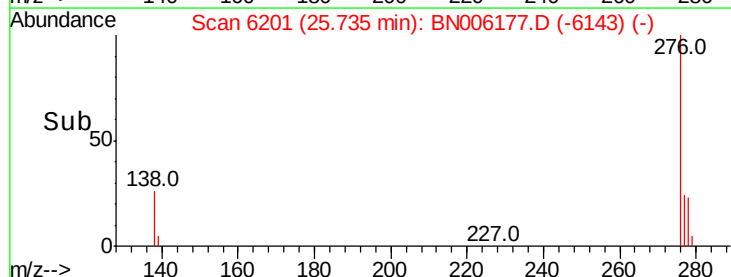
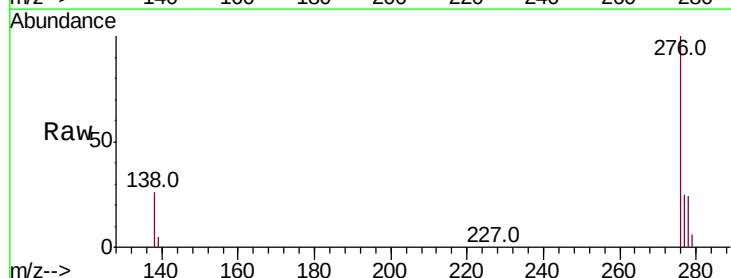
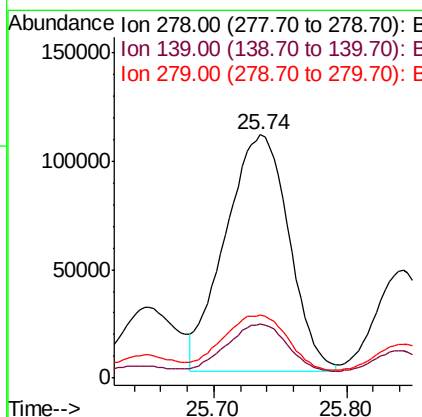
Manual Integrations
 APPROVED

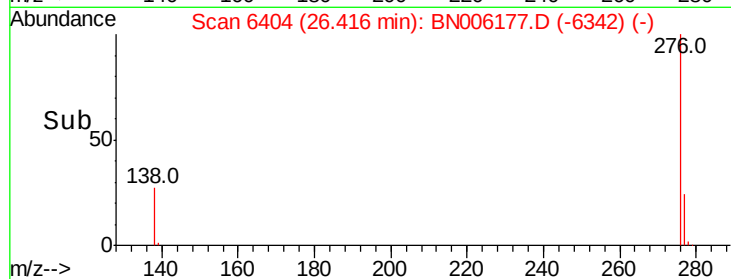
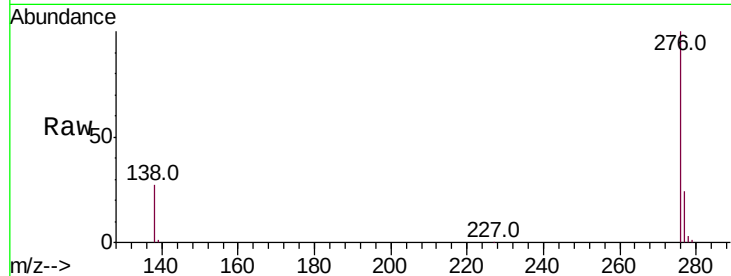
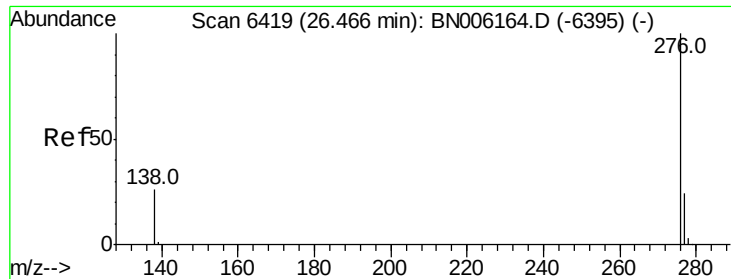
mohammad
 6/11/2019 5:08:57 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 4.738 ng/ul m
 RT: 25.74 min Scan# 6201
 Delta R.T. -0.01 min
 Lab File: BN006177.D
 Acq: 07 Jun 2019 21:03

Tgt Ion:278 Resp: 364833
 Ion Ratio Lower Upper
 278 100
 139 22.3 21.2 31.8
 279 25.8 22.6 33.8





#26
Benzo(a,h,i)perylene
Concen: 12.580 ng/ul
RT: 26.42 min Scan# 6404
Delta R.T. 0.01 min
Lab File: BN006177.D
Acq: 07 Jun 2019 21:03

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.9	24.2	36.4
277	24.2	21.5	32.3

Instrument :
BNA_N
ClientSampleId :
C0AC7

Manual Integrations
APPROVED

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