

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
 Data File : BN006151.D
 Acq On : 07 Jun 2019 01:12
 Operator : JU/SJ
 Sample : K3201-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC4

Manual Integrations
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 6/11/2019 5:07:46 PM

Quant Time: Jun 07 03:33:42 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	6555	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	24901	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	14219	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	29479m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	24315m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	25018m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	11622	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	28204m	0.36	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	93525	1.361	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	51777	1.081	ng/ul	99
7) Acenaphthylene	14.02	152	218824	2.769	ng/ul	100
8) Acenaphthene	14.36	153	120805	2.203	ng/ul	99
9) Fluorene	15.36	166	118846	1.853	ng/ul	98
12) Phenanthrene	17.09	178	2736662m	28.920	ng/ul	
13) Anthracene	17.19	178	599801m	6.637	ng/ul	
15) Fluoranthene	19.13	202	4688845m	44.873	ng/ul	
17) Pyrene	19.49	202	4321264	33.739	ng/ul	95
18) Benzo(a)anthracene	21.25	228	2366166m	22.002	ng/ul	
19) Chrysene	21.30	228	2462301	24.389	ng/ul	98
21) Benzo(b)fluoranthene	22.83	252	3076310m	29.489	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	1283237m	12.629	ng/ul	
23) Benzo(a)pyrene	23.40	252	2246123m	23.119	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.74	276	1550613	14.745	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.74	278	432099m	5.140	ng/ul	
26) Benzo(a,h,i)perylene	26.42	276	1234581	14.017	ng/ul	94

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

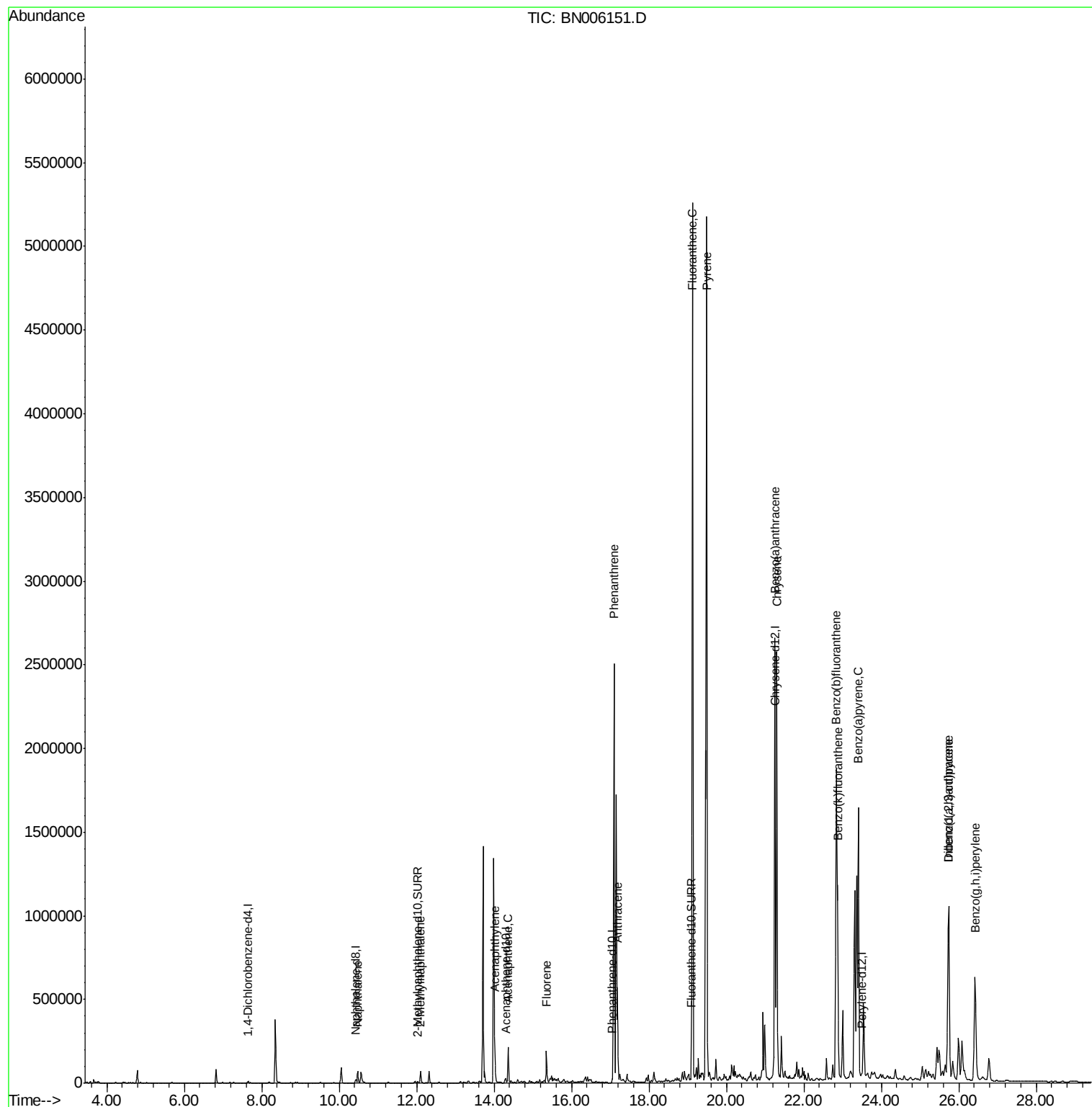
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
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ALS Vial : 17 Sample Multiplier: 1

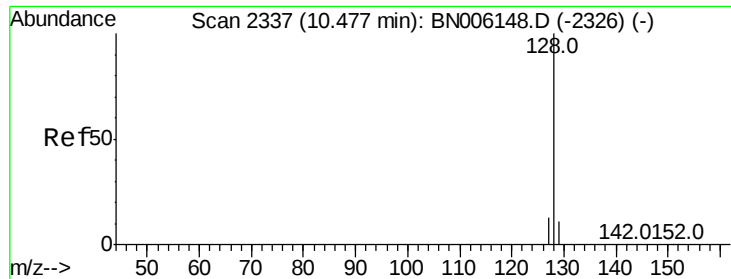
Instrument :
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#3

Naphthalene

Concen: 1.361 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BN006151.D

Acq: 07 Jun 2019 01:12

Instrument :

BNA_N

ClientSampled :

C0AC4

Tot Ion:128 Resp: 93525

Ion Ratio Lower Upper

128 100

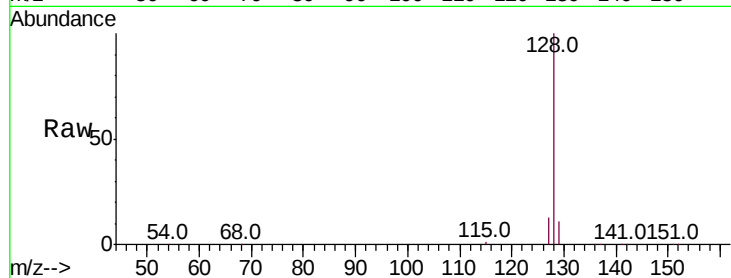
129 11.1 9.3 13.9

127 13.0 10.7 16.1

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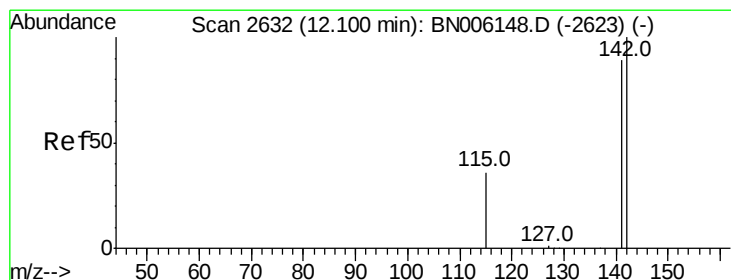
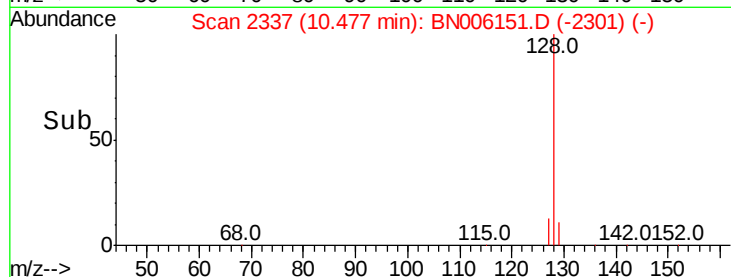
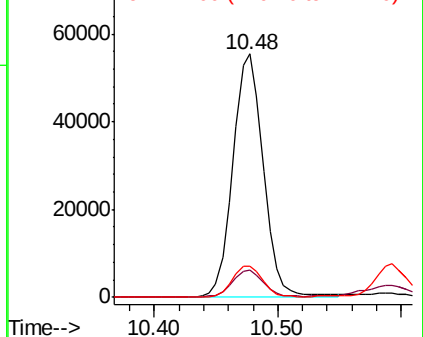
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 1.081 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. 0.00 min

Lab File: BN006151.D

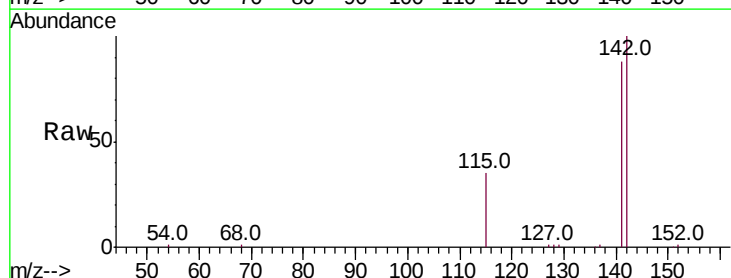
Acq: 07 Jun 2019 01:12

Tgt Ion:142 Resp: 51777

Ion Ratio Lower Upper

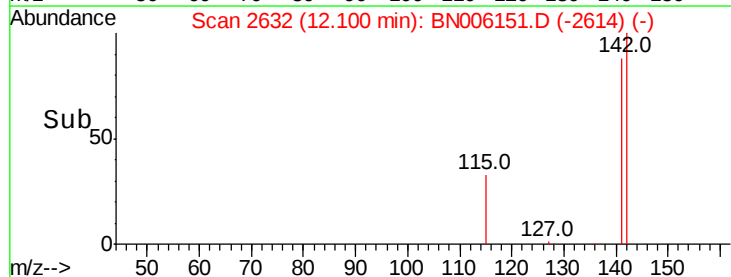
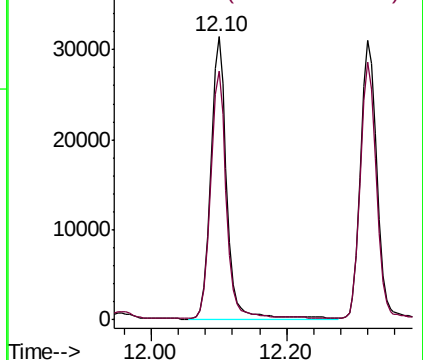
142 100

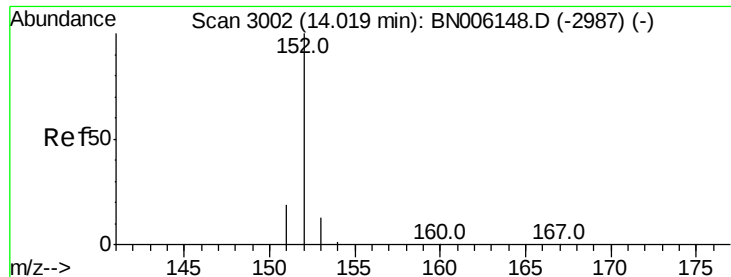
141 87.4 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 2.769 ng/ul

RT: 14.02 min Scan# 3002

Delta R.T. 0.00 min

Lab File: BN006151.D

Acq: 07 Jun 2019 01:12

Instrument :

BNA_N

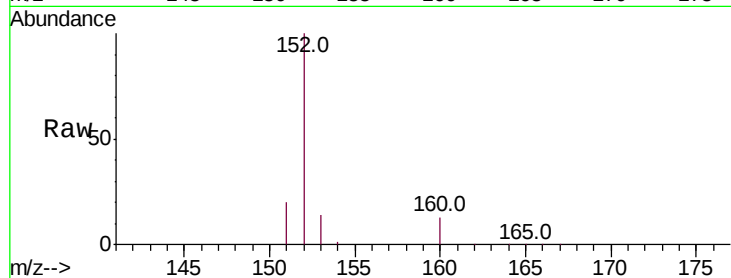
ClientSampleId :

C0AC4

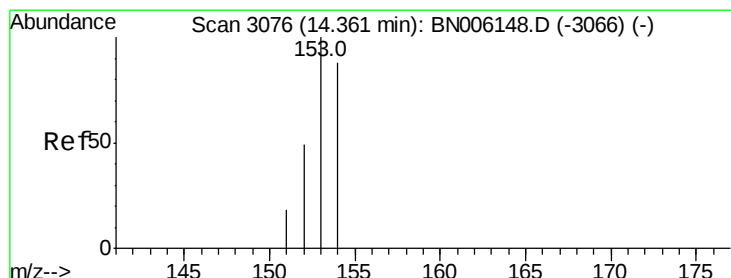
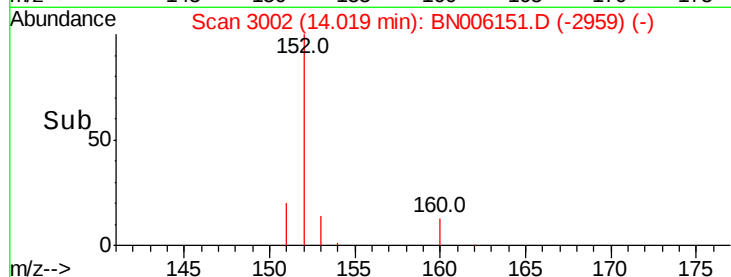
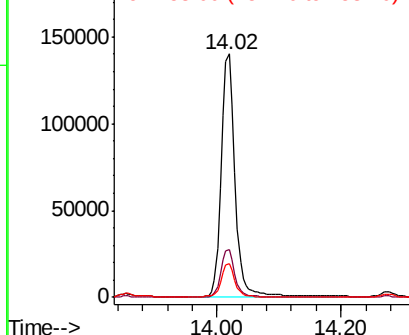
Tot Ion:	152	Resp:	218824
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.8	23.8
153	13.7	10.8	16.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 2.203 ng/ul

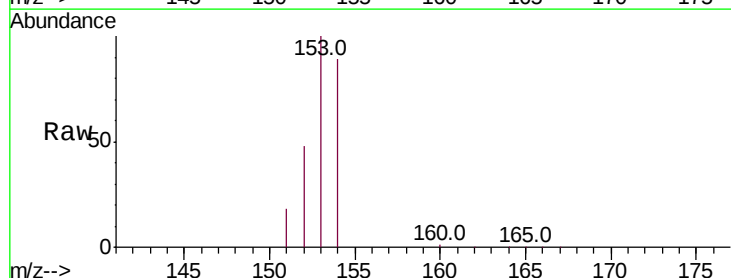
RT: 14.36 min Scan# 3076

Delta R.T. 0.00 min

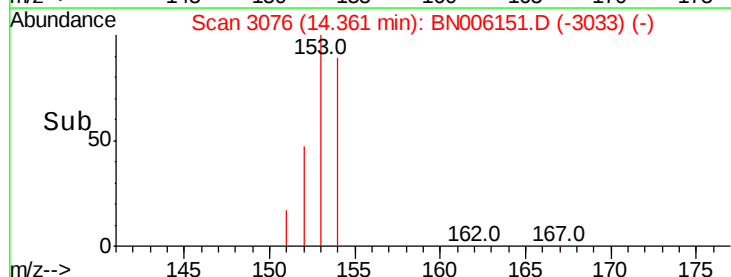
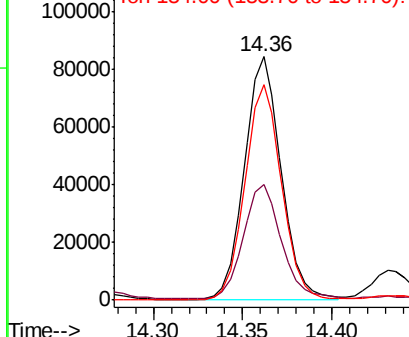
Lab File: BN006151.D

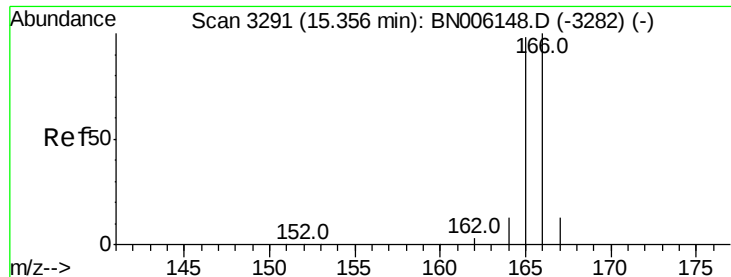
Acq: 07 Jun 2019 01:12

Tgt Ion:	153	Resp:	120805
Ion Ratio	Lower	Upper	
153	100		
152	47.7	39.1	58.7
154	88.7	71.1	106.7



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





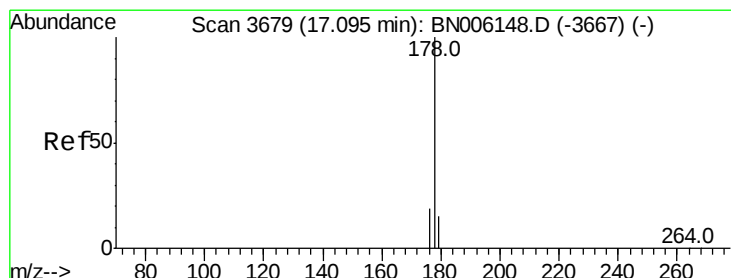
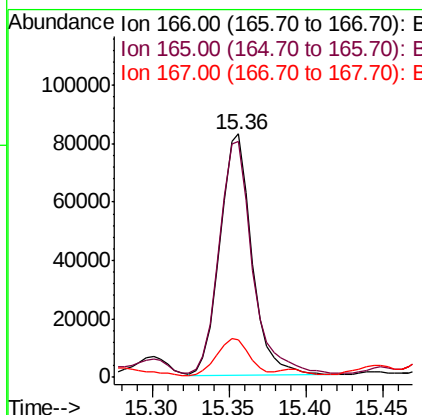
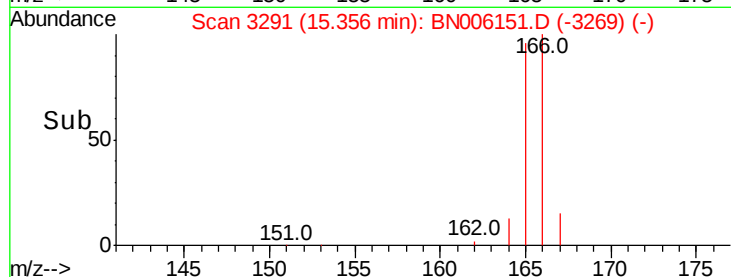
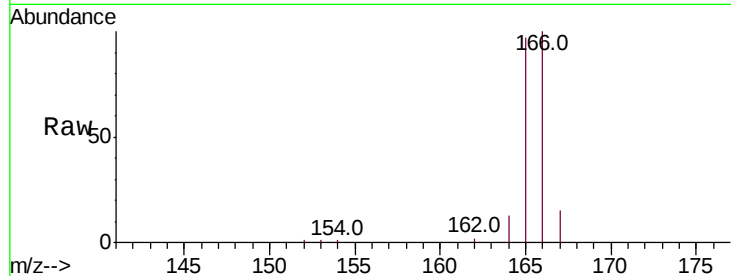
#9
Fluorene
 Concen: 1.853 ng/ul
 RT: 15.36 min Scan# 3291
 Delta R.T. 0.00 min
 Lab File: BN006151.D
 Acq: 07 Jun 2019 01:12

Instrument :
 BNA_N
 ClientSampled :
 C0AC4

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.0	76.4	114.6
167	15.4	11.0	16.6

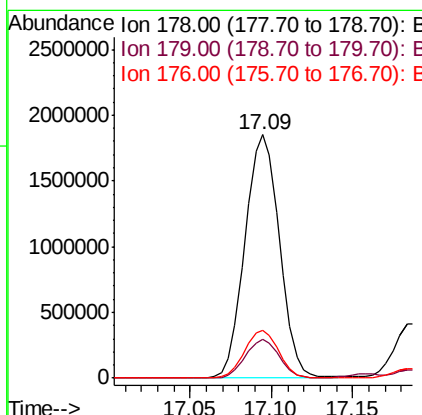
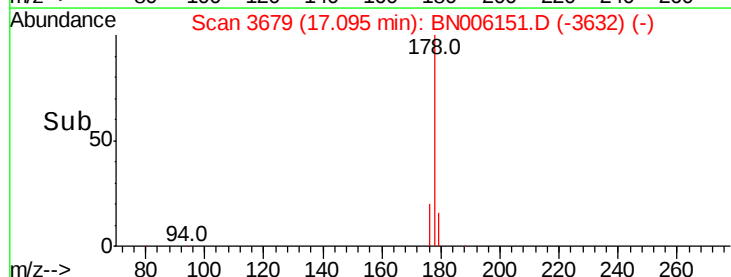
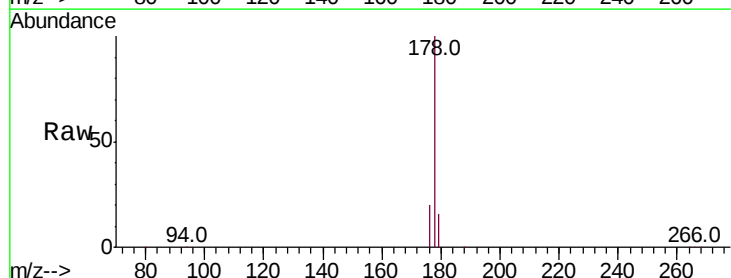
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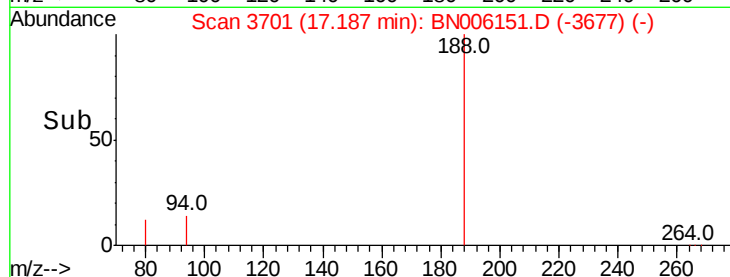
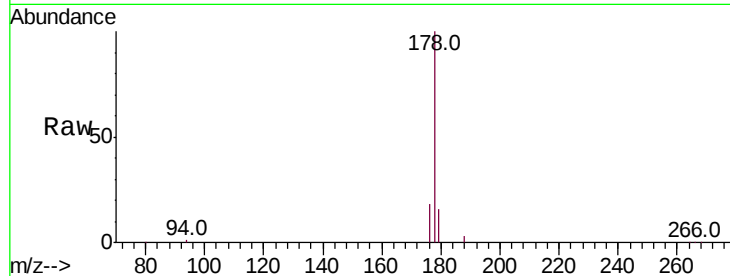
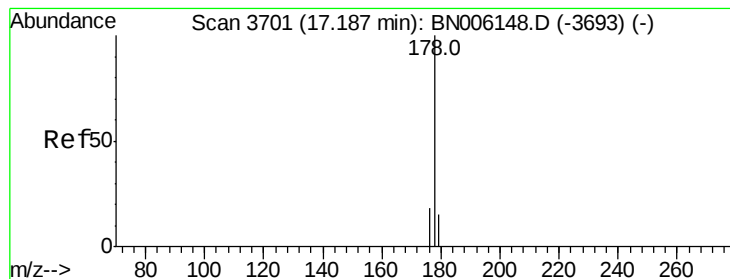
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#12
Phenanthrene
 Concen: 28.920 ng/ul m
 RT: 17.09 min Scan# 3679
 Delta R.T. 0.00 min
 Lab File: BN006151.D
 Acq: 07 Jun 2019 01:12

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.6	15.3	22.9





#13

Anthracene

Concen: 6.637 ng/ul m

RT: 17.19 min Scan# 3701

Delta R.T. 0.00 min

Lab File: BN006151.D

Acq: 07 Jun 2019 01:12

Tot Ion:178	Resp: 599801
Ion Ratio	Lower Upper
178 100	
179 15.6	12.2 18.4
176 18.4	15.1 22.7

Instrument :

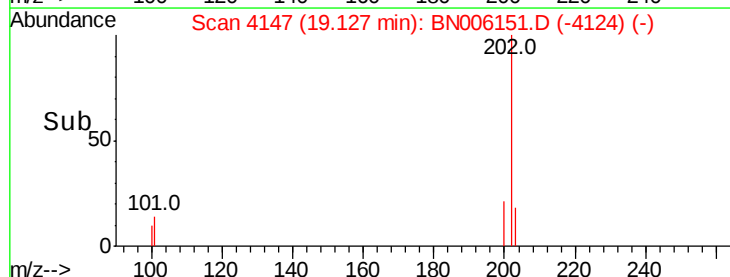
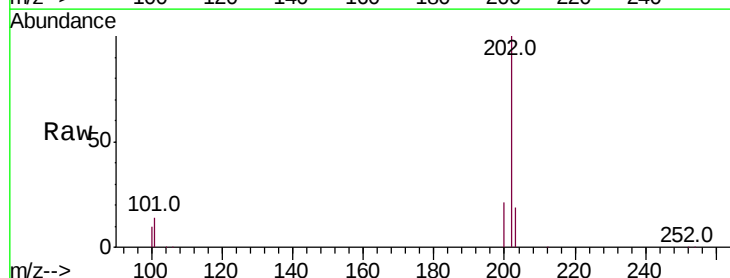
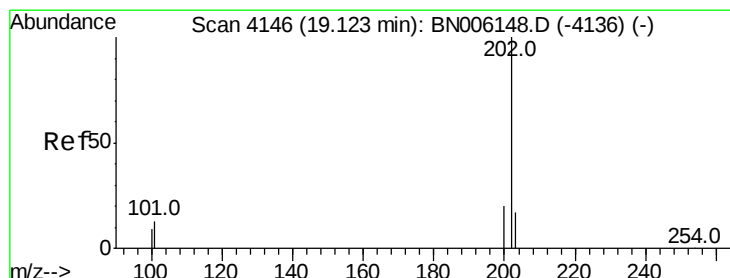
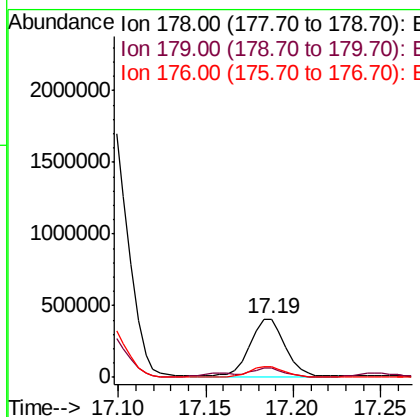
BNA_N

ClientSampled :

C0AC4

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#15

Fluoranthene

Concen: 44.873 ng/ul m

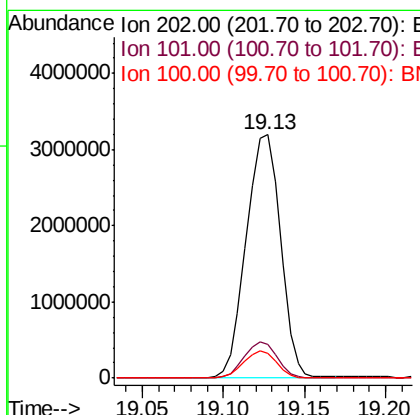
RT: 19.13 min Scan# 4147

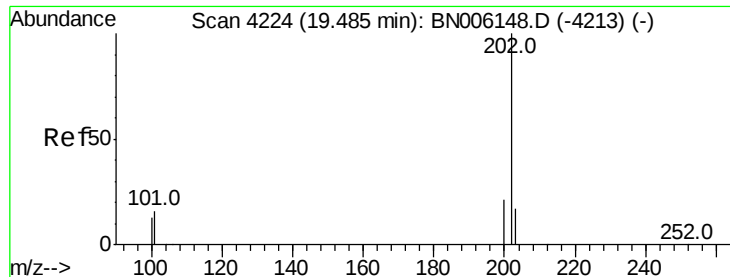
Delta R.T. 0.00 min

Lab File: BN006151.D

Acq: 07 Jun 2019 01:12

Tgt Ion:202	Resp: 4688845
Ion Ratio	Lower Upper
202 100	
101 14.0	0.0 32.1
100 10.1	0.0 28.7





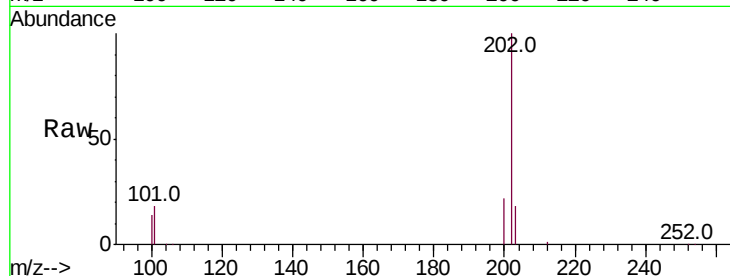
#17
Pvrene
Concen: 33.739 ng/ul
RT: 19.49 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BN006151.D
Acq: 07 Jun 2019 01:12

Instrument :
BNA_N
ClientSampleId :
C0AC4

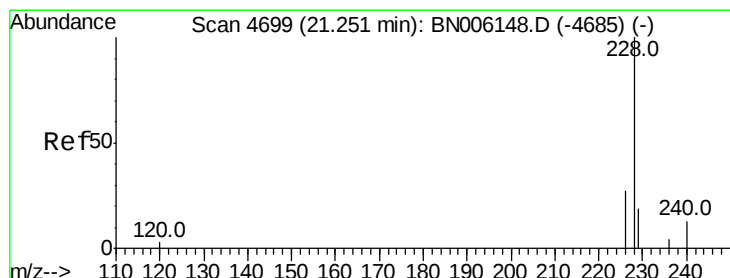
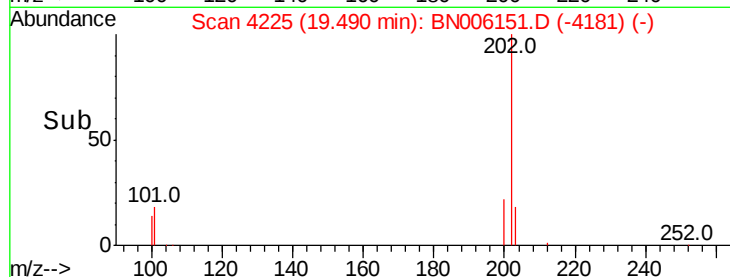
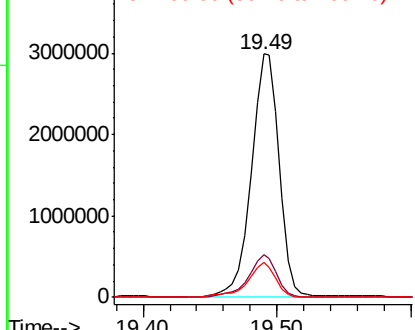
Tot Ion:202 Resp: 4321264
Ion Ratio Lower Upper
202 100
101 17.5 12.2 18.2
100 14.1 9.8 14.6

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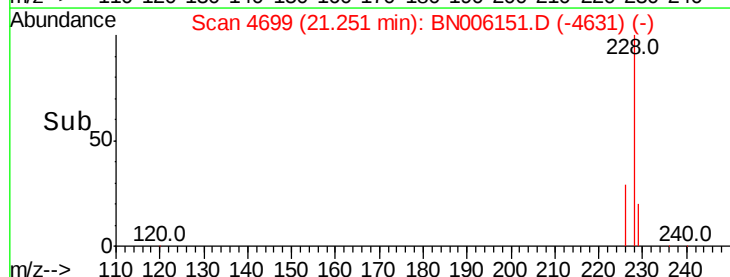
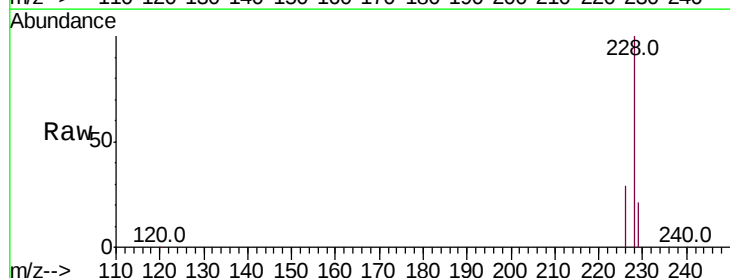
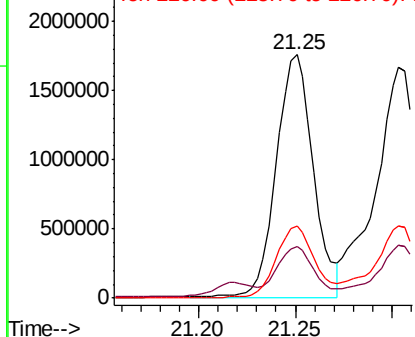
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

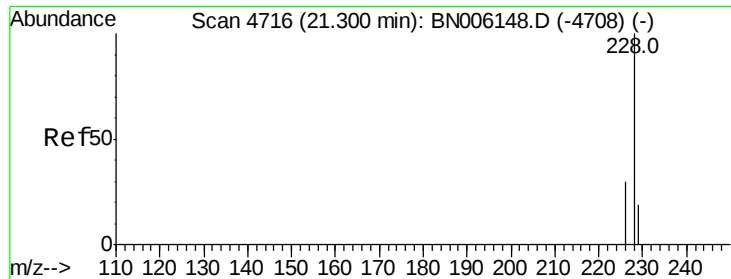


#18
Benzo(a)anthracene
Concen: 22.002 ng/ul m
RT: 21.25 min Scan# 4699
Delta R.T. 0.00 min
Lab File: BN006151.D
Acq: 07 Jun 2019 01:12

Tgt Ion:228 Resp: 2366166
Ion Ratio Lower Upper
228 100
229 21.3 16.5 24.7
226 29.4 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: 24.389 ng/ul

RT: 21.30 min Scan# 4717

Delta R.T. 0.00 min

Lab File: BN006151.D

Acq: 07 Jun 2019 01:12

Instrument :

BNA_N

ClientSampleId :

C0AC4

Tot Ion:228 Resp: 2462301

Ion Ratio Lower Upper

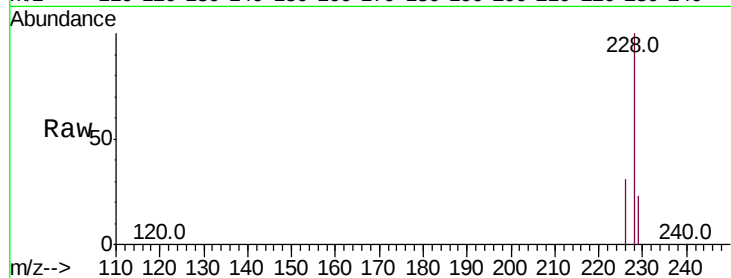
228 100

226 31.2 25.0 37.6

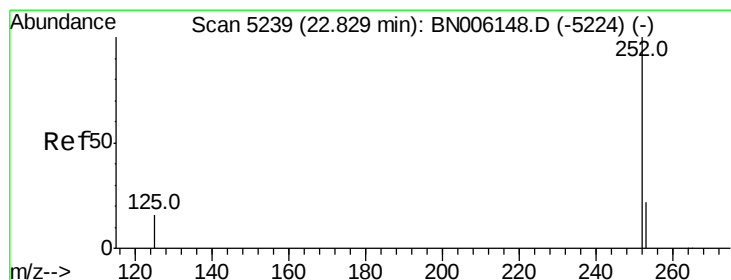
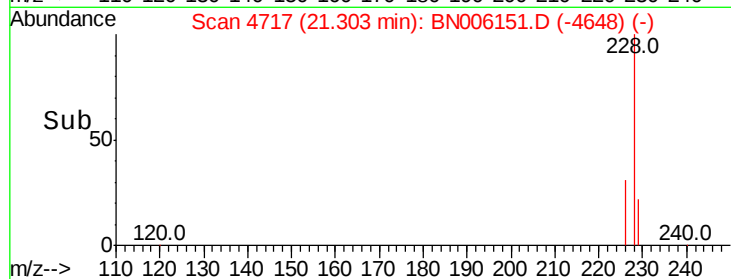
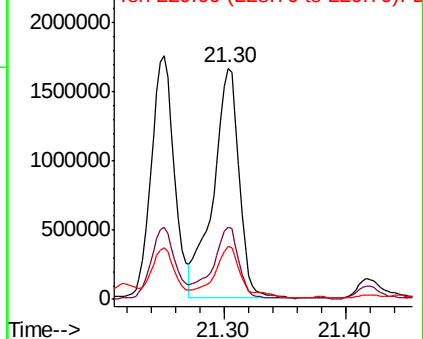
229 22.6 16.3 24.5

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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: 29.489 ng/ul m

RT: 22.83 min Scan# 5241

Delta R.T. 0.01 min

Lab File: BN006151.D

Acq: 07 Jun 2019 01:12

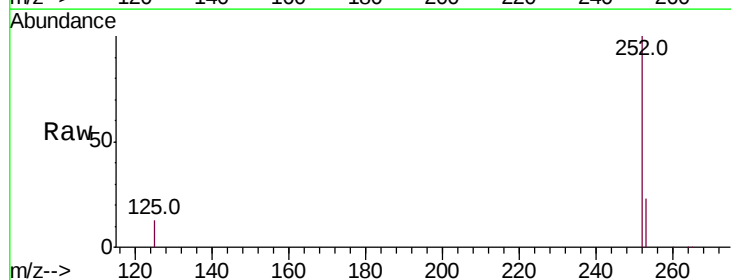
Tgt Ion:252 Resp: 3076310

Ion Ratio Lower Upper

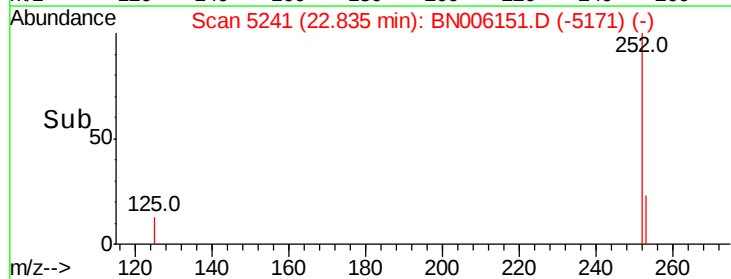
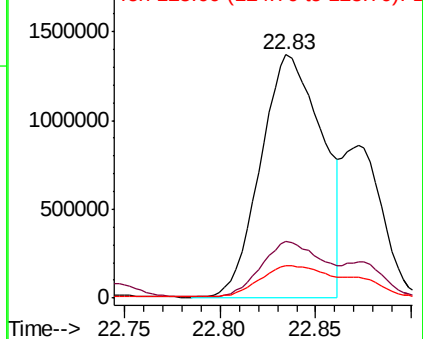
252 100

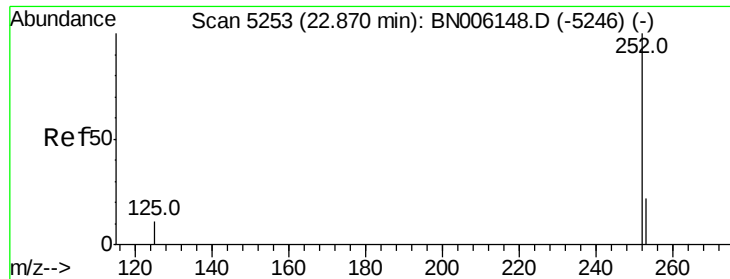
253 23.1 0.0 51.4

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





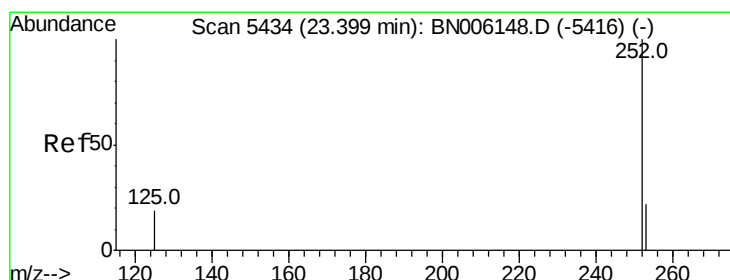
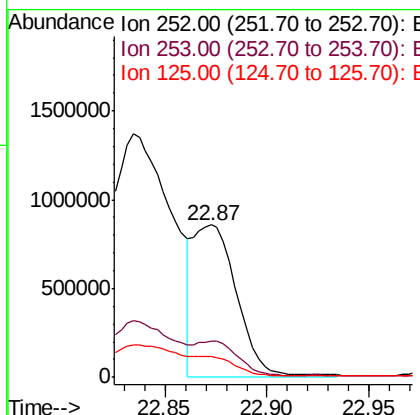
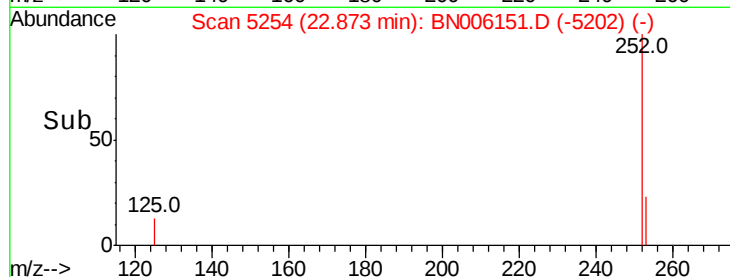
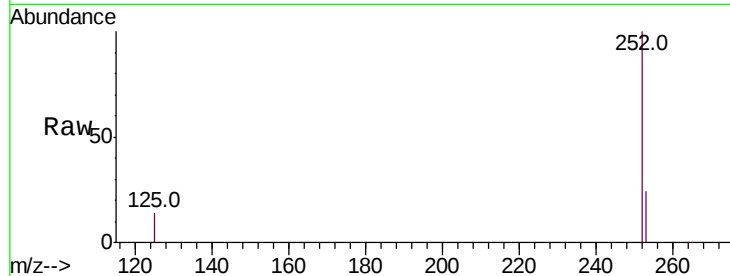
#22
Benzo(k)fluoranthene
Concen: 12.629 ng/ul m
RT: 22.87 min Scan# 5254
Delta R.T. 0.00 min
Lab File: BN006151.D
Acq: 07 Jun 2019 01:12

Instrument :
BNA_N
ClientSampleId :
C0AC4

Tot Ion:252 Resp: 1283237
Ion Ratio Lower Upper
252 100
253 23.8 20.3 30.5
125 13.8 14.3 21.5#

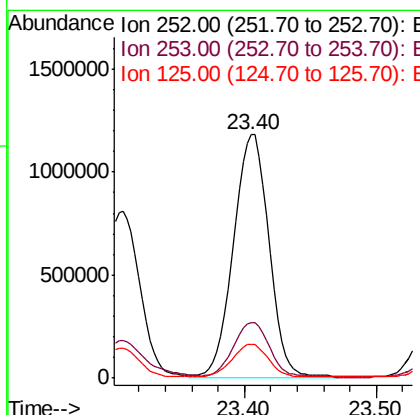
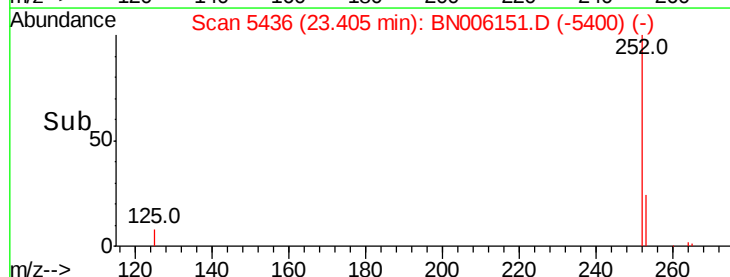
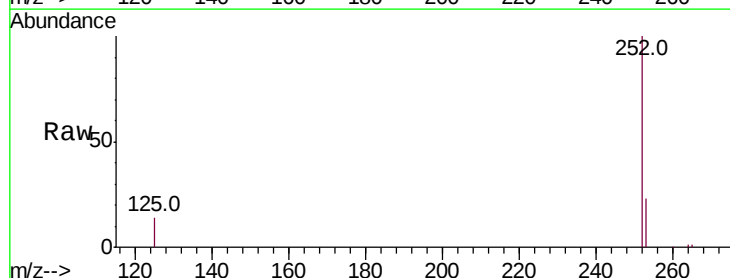
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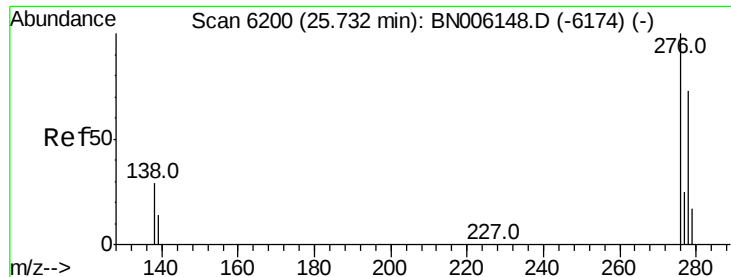
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#23
Benzo(a)pyrene
Concen: 23.119 ng/ul m
RT: 23.40 min Scan# 5436
Delta R.T. 0.01 min
Lab File: BN006151.D
Acq: 07 Jun 2019 01:12

Tgt Ion:252 Resp: 2246123
Ion Ratio Lower Upper
252 100
253 23.0 21.1 31.7
125 13.9 20.3 30.5#





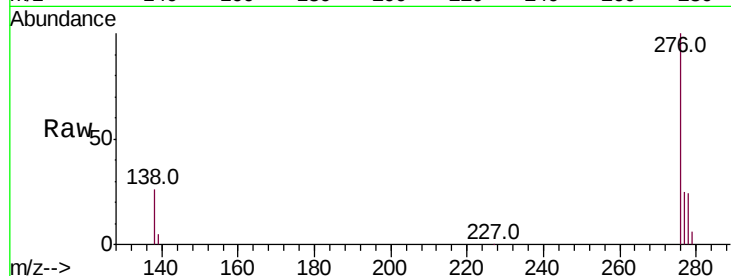
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 14.745 ng/ul
 RT: 25.74 min Scan# 6202
 Delta R.T. 0.01 min
 Lab File: BN006151.D
 Acq: 07 Jun 2019 01:12

Instrument :
 BNA_N
 ClientSampleId :
 C0AC4

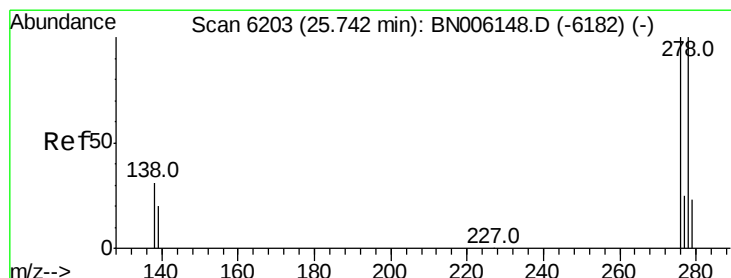
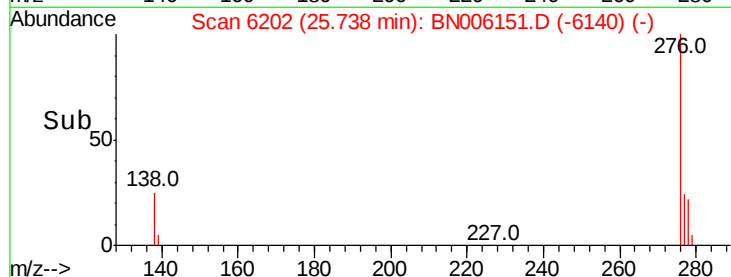
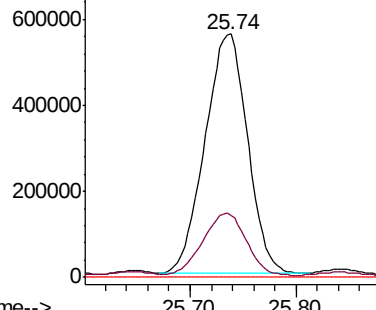
Tot Ion:276 Resp: 1550613
 Ion Ratio Lower Upper
 276 100
 138 26.2 25.6 38.4
 227 0.3 0.3 0.5#

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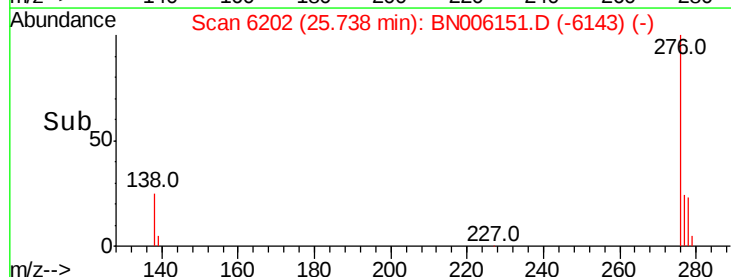
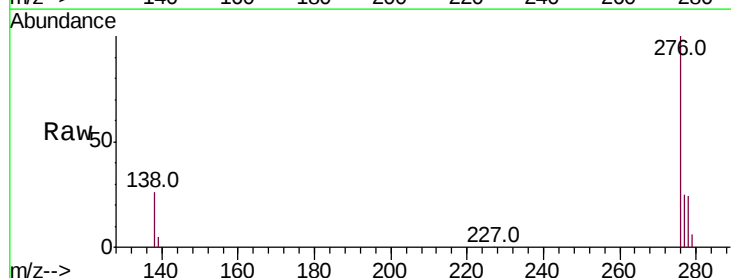
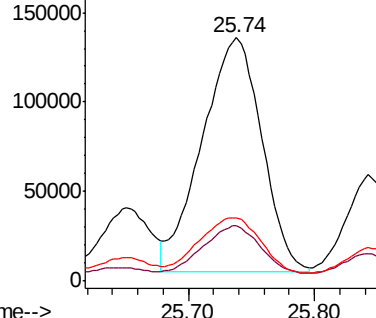
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

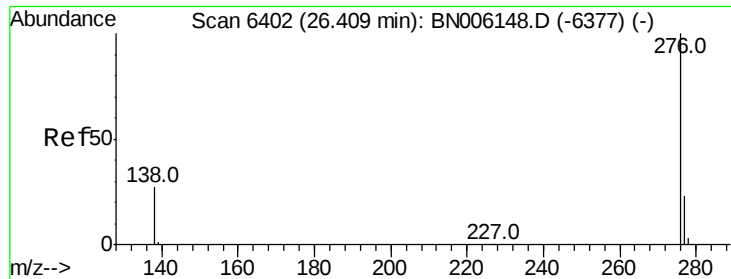


#25
 Dibenzo(a,h)anthracene
 Concen: 5.140 ng/ul m
 RT: 25.74 min Scan# 6202
 Delta R.T. -0.00 min
 Lab File: BN006151.D
 Acq: 07 Jun 2019 01:12

Tgt Ion:278 Resp: 432099
 Ion Ratio Lower Upper
 278 100
 139 22.6 21.2 31.8
 279 26.1 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: 14.017 ng/ul

RT: 26.42 min Scan# 6405

Delta R.T. 0.01 min

Lab File: BN006151.D

Acq: 07 Jun 2019 01:12

Instrument :

BNA_N

ClientSampleId :

C0AC4

Tot Ion:276 Resp: 1234581

Ion Ratio Lower Upper

276 100

138 27.0 24.2 36.4

277 24.2 21.5 32.3

Manual Integrations

APPROVED

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