

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
 Data File : BN006141.D
 Acq On : 06 Jun 2019 18:16
 Operator : JU/SJ
 Sample : K3201-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Manual Integrations
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 6/11/2019 5:07:16 PM

Quant Time: Jun 07 00:47:29 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 00:25:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	10586	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	41409	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	23812	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	42553m	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	25604m	0.40	ng/ul	-0.02
20) Perylene-d12	23.51	264	32556m	0.40	ng/ul	-0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	13934	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	32027m	0.28	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	176560	1.545	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	144848	1.819	ng/ul	100
7) Acenaphthylene	14.02	152	312964	2.365	ng/ul	99
8) Acenaphthene	14.36	153	591936	6.447	ng/ul	99
9) Fluorene	15.36	166	738991	6.879	ng/ul	98
12) Phenanthrene	17.10	178	8045367m	58.899	ng/ul	
13) Anthracene	17.19	178	2914766m	22.344	ng/ul	
15) Fluoranthene	19.14	202	9370076m	62.122	ng/ul	
17) Pyrene	19.50	202	8033161	59.563	ng/ul	94
18) Benzo(a)anthracene	21.26	228	5012102m	44.260	ng/ul	
19) Chrysene	21.31	228	4627269	43.526	ng/ul	96
21) Benzo(b)fluoranthene	22.85	252	5313187m	39.139	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	2227788m	16.848	ng/ul	
23) Benzo(a)pyrene	23.42	252	4008628m	31.706	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.75	276	2325717m	16.995	ng/ul	
25) Dibenzo(a,h)anthracene	25.75	278	762353m	6.968	ng/ul	
26) Benzo(a,h,i)perylene	26.44	276	1657399	14.460	ng/ul	94

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

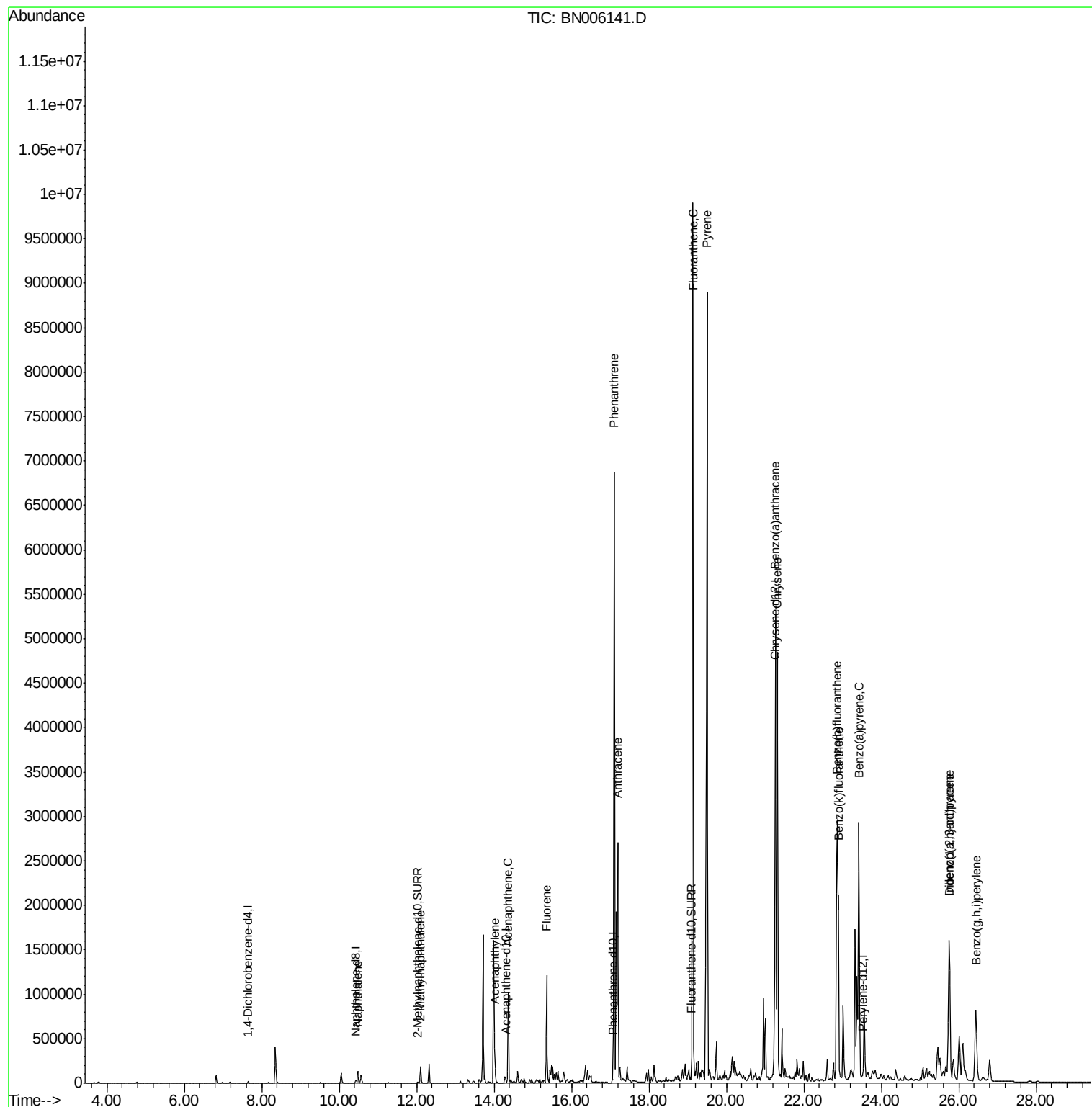
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
Data File : BN006141.D
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Sample : K3201-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

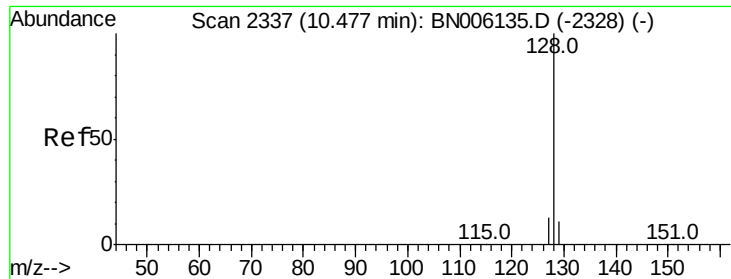
Instrument :
BNA_N
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C0AD1

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#3

Naphthalene

Concen: 1.545 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BN006141.D

Acq: 06 Jun 2019 18:16

Instrument :

BNA_N

ClientSampled :

C0AD1

Tot Ion:128 Resp: 176560

Ion Ratio Lower Upper

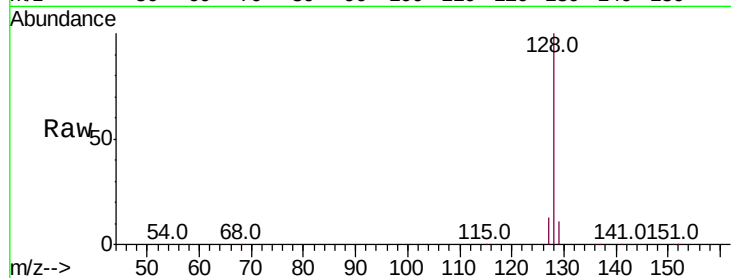
128 100

129 11.1 9.3 13.9

127 12.9 10.7 16.1

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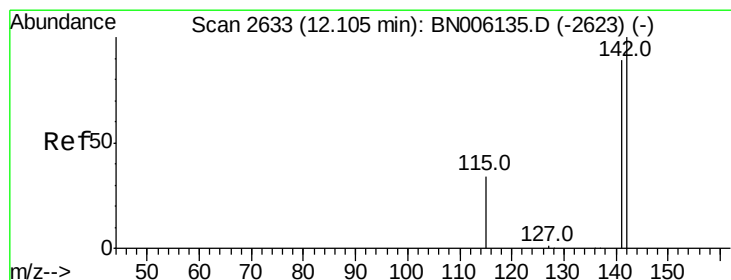
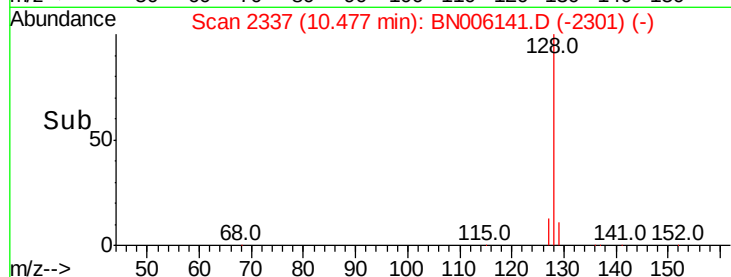
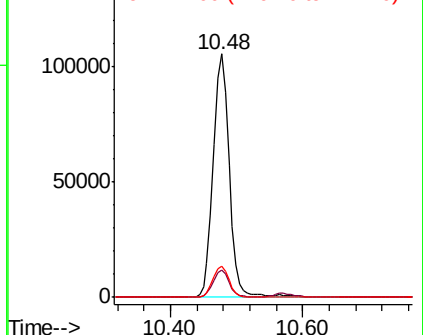
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 1.819 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. -0.01 min

Lab File: BN006141.D

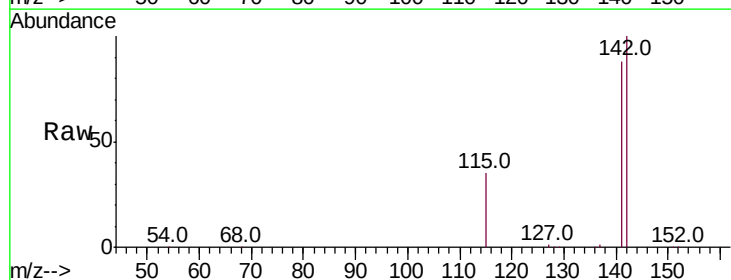
Acq: 06 Jun 2019 18:16

Tgt Ion:142 Resp: 144848

Ion Ratio Lower Upper

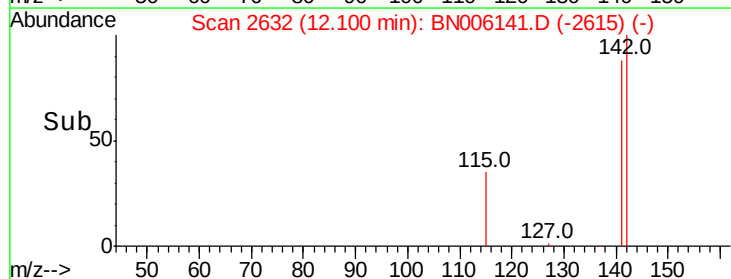
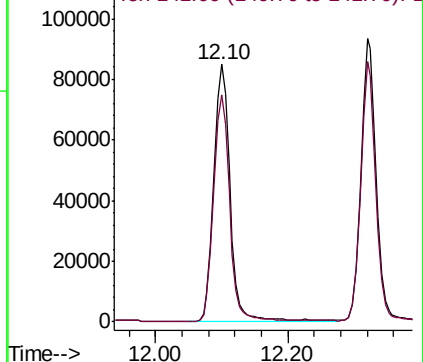
142 100

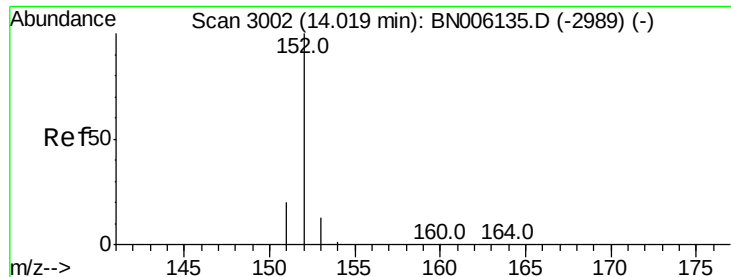
141 87.9 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 2.365 ng/ul

RT: 14.02 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BN006141.D

Acq: 06 Jun 2019 18:16

Instrument :

BNA_N

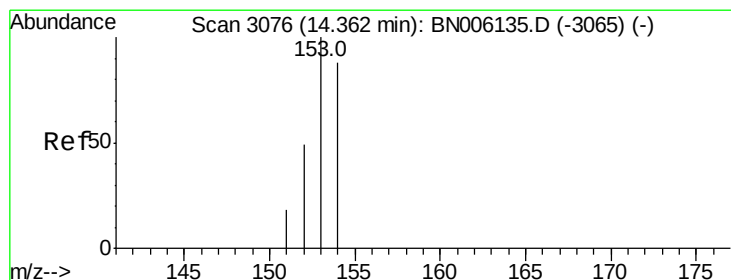
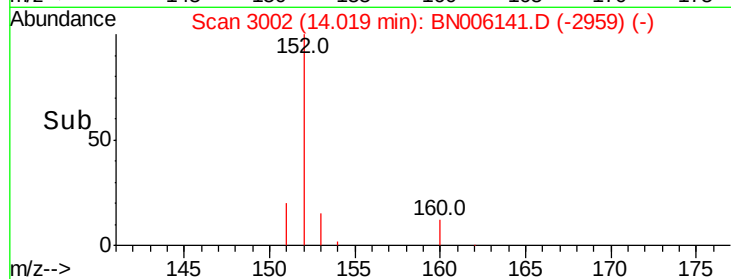
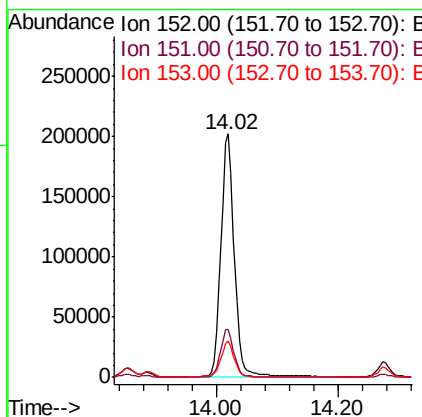
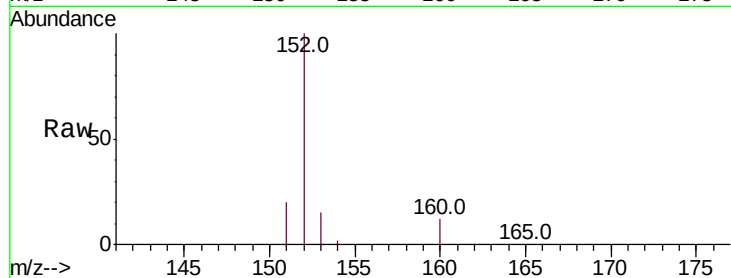
ClientSampled :

C0AD1

Tot Ion:	152	Resp:	312964
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.8	23.8
153	14.8	10.8	16.2

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#8

Acenaphthene

Concen: 6.447 ng/ul

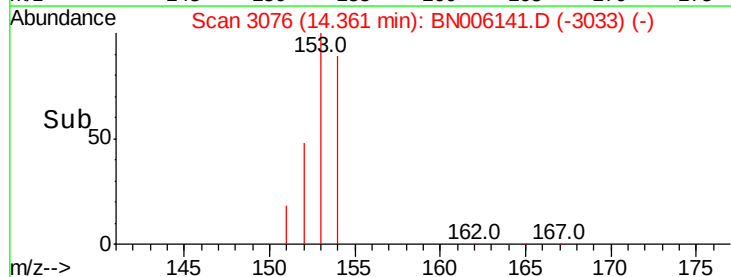
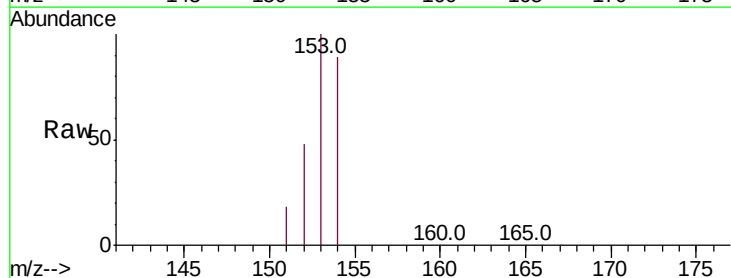
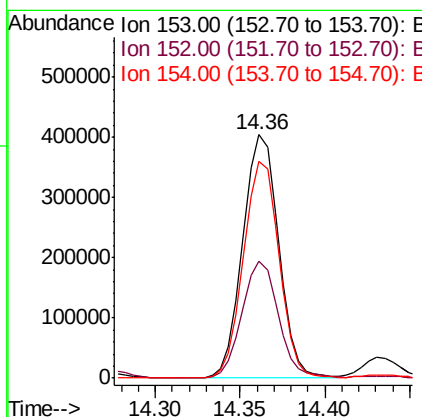
RT: 14.36 min Scan# 3076

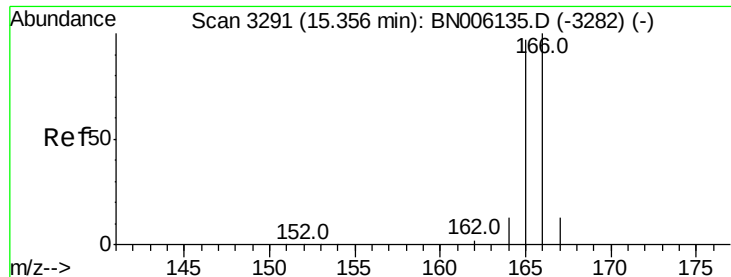
Delta R.T. -0.00 min

Lab File: BN006141.D

Acq: 06 Jun 2019 18:16

Tgt Ion:	153	Resp:	591936
Ion Ratio	Lower	Upper	
153	100		
152	47.9	39.1	58.7
154	89.1	71.1	106.7





#9

Fluorene

Concen: 6.879 ng/ul

RT: 15.36 min Scan# 3291

Delta R.T. -0.00 min

Lab File: BN006141.D

Acq: 06 Jun 2019 18:16

Instrument :

BNA_N

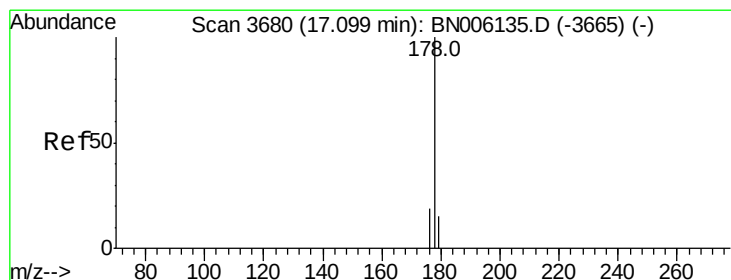
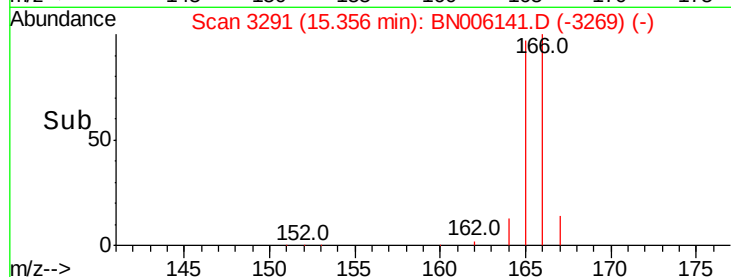
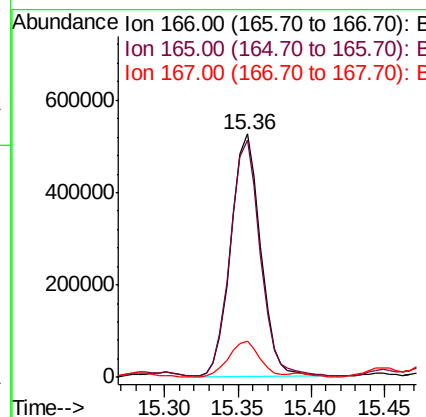
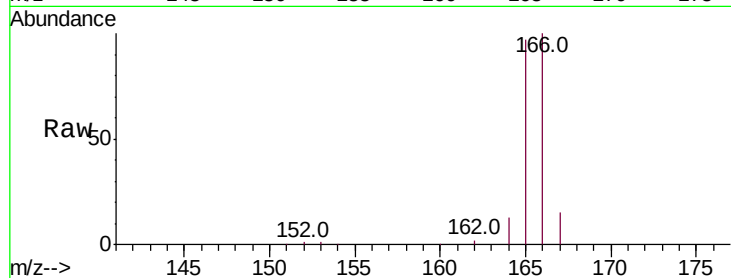
ClientSampleId :

C0AD1

Tot Ion:	166	Resp:	738991
Ion Ratio	Lower	Upper	
166	100		
165	97.2	76.4	114.6
167	14.7	11.0	16.6

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#12

Phenanthrene

Concen: 58.899 ng/ul m

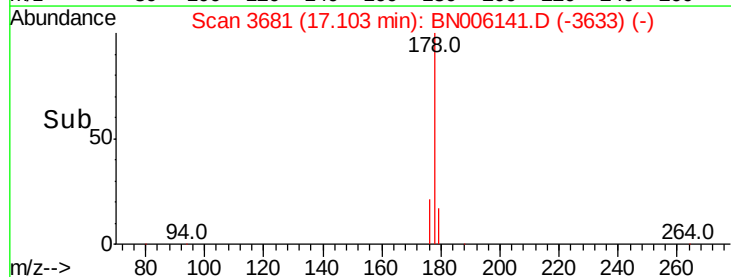
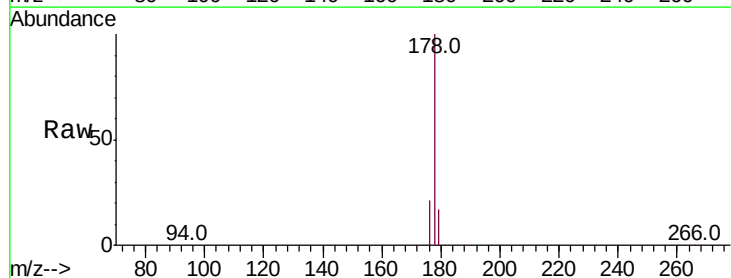
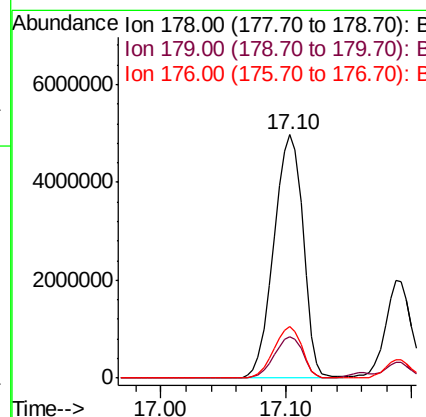
RT: 17.10 min Scan# 3681

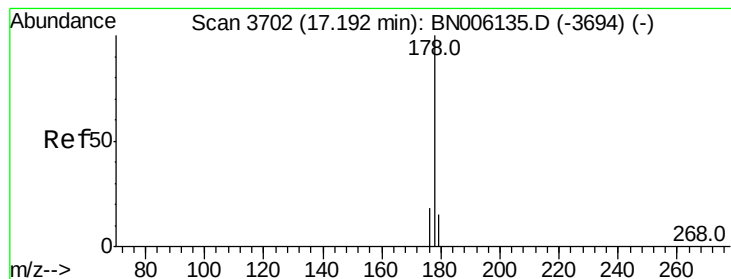
Delta R.T. 0.00 min

Lab File: BN006141.D

Acq: 06 Jun 2019 18:16

Tgt Ion:	178	Resp:	8045367
Ion Ratio	Lower	Upper	
178	100		
179	17.0	12.3	18.5
176	21.1	15.3	22.9





#13

Anthracene

Concen: 22.344 ng/ul m

RT: 17.19 min Scan# 3701

Delta R.T. -0.00 min

Lab File: BN006141.D

Acq: 06 Jun 2019 18:16

Instrument :

BNA_N

ClientSampleId :

C0AD1

Tot Ion:178 Resp: 2914766

Ion Ratio Lower Upper

178 100

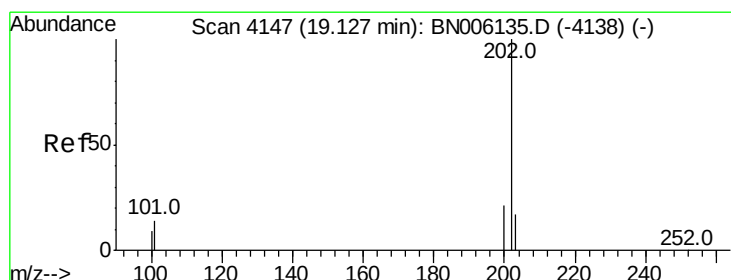
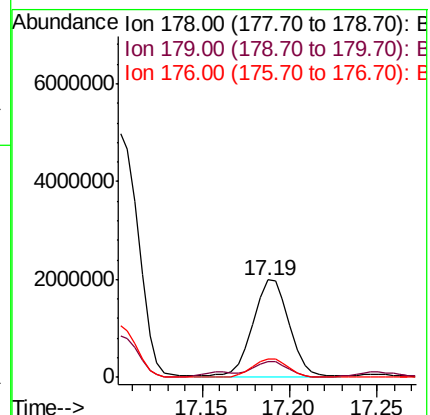
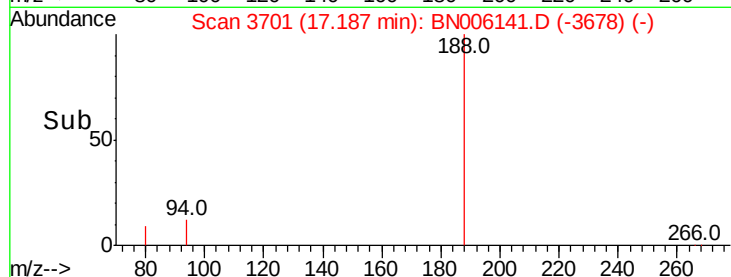
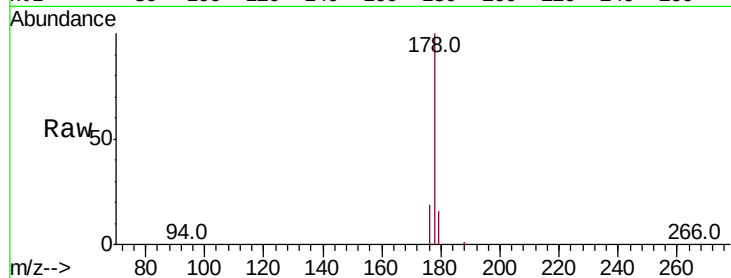
179 16.0 12.2 18.4

176 19.3 15.1 22.7

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#15

Fluoranthene

Concen: 62.122 ng/ul m

RT: 19.14 min Scan# 4149

Delta R.T. 0.01 min

Lab File: BN006141.D

Acq: 06 Jun 2019 18:16

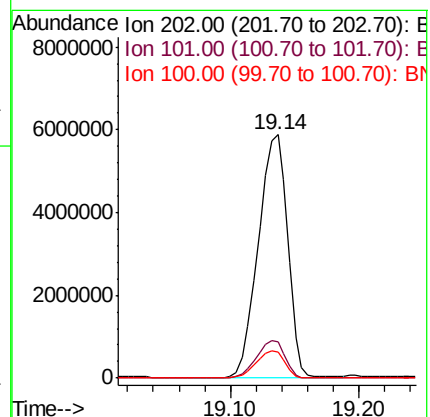
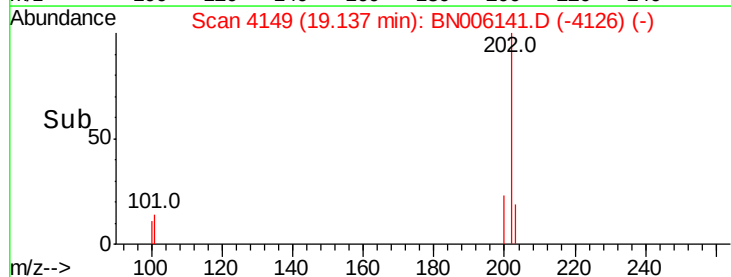
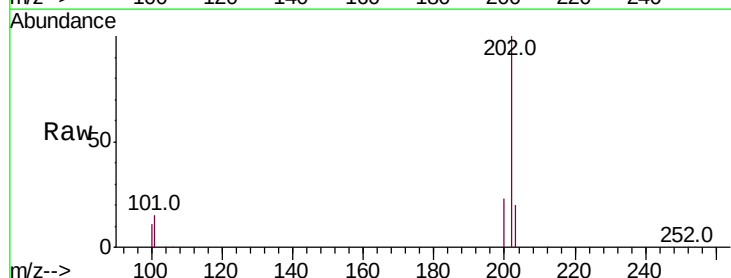
Tgt Ion:202 Resp: 9370076

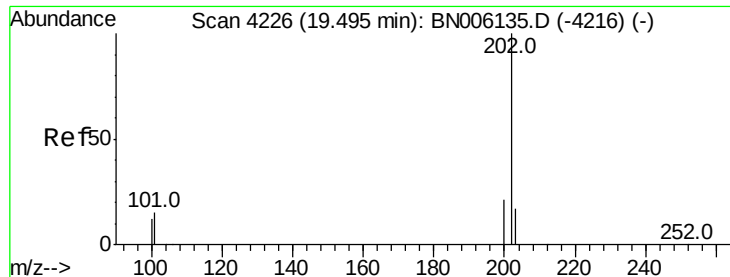
Ion Ratio Lower Upper

202 100

101 14.7 0.0 32.1

100 10.7 0.0 28.7





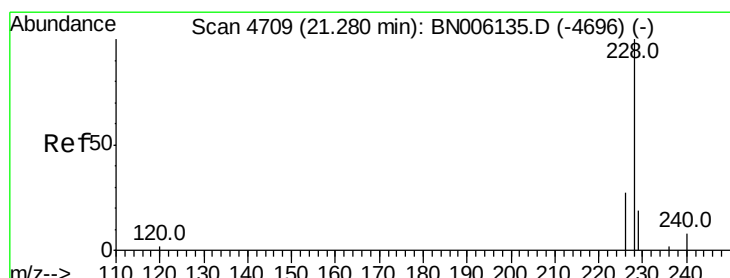
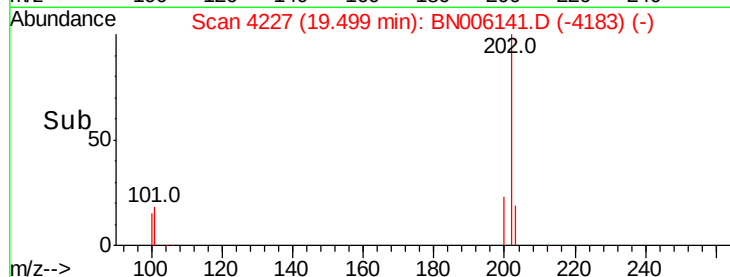
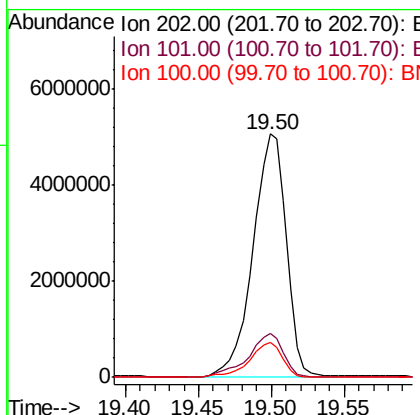
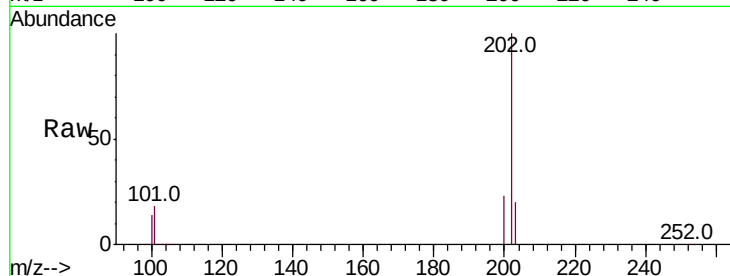
#17
Pvrene
Concen: 59.563 ng/ul
RT: 19.50 min Scan# 4227
Delta R.T. 0.00 min
Lab File: BN006141.D
Acq: 06 Jun 2019 18:16

Instrument :
BNA_N
ClientSampleId :
C0AD1

Tot Ion:202 Resp: 8033161
Ion Ratio Lower Upper
202 100
101 18.1 12.2 18.2
100 14.5 9.8 14.6

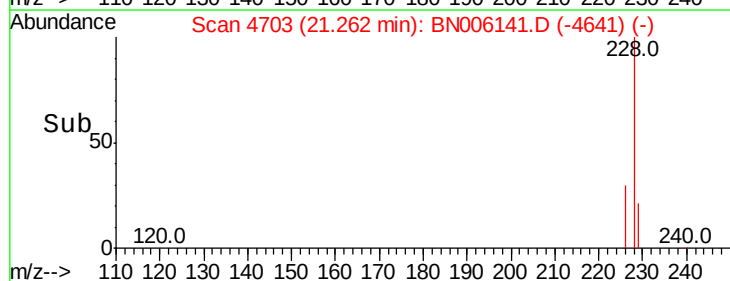
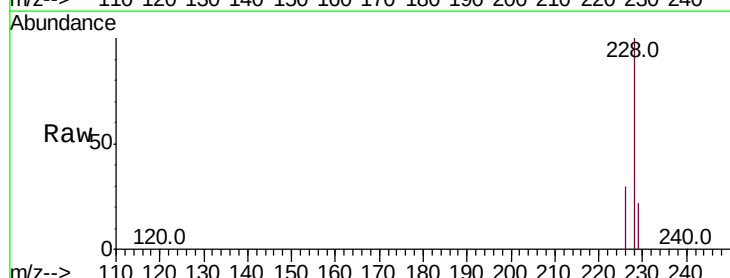
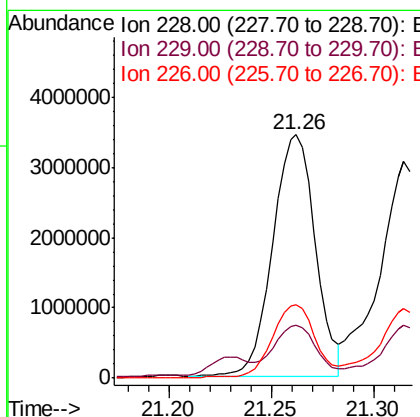
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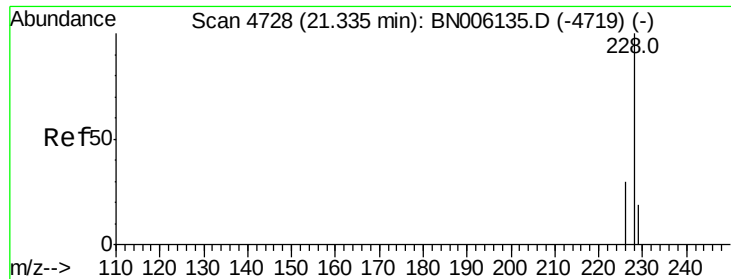
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#18
Benzo(a)anthracene
Concen: 44.260 ng/ul m
RT: 21.26 min Scan# 4703
Delta R.T. -0.02 min
Lab File: BN006141.D
Acq: 06 Jun 2019 18:16

Tgt Ion:228 Resp: 5012102
Ion Ratio Lower Upper
228 100
229 21.9 16.5 24.7
226 30.1 22.8 34.2





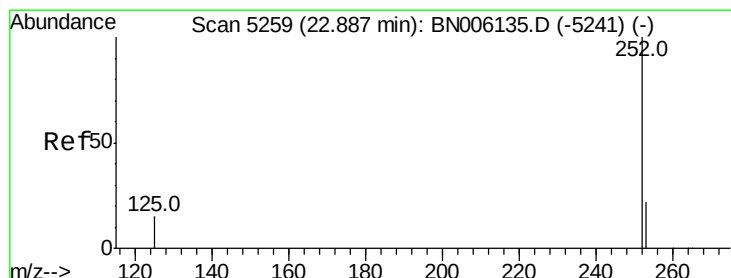
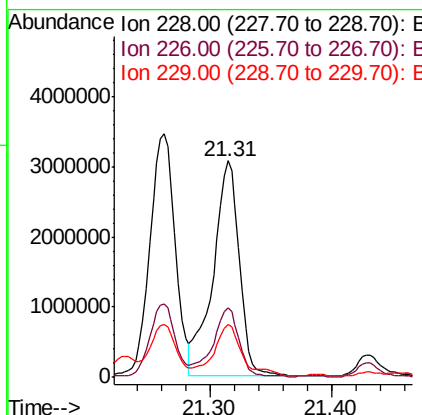
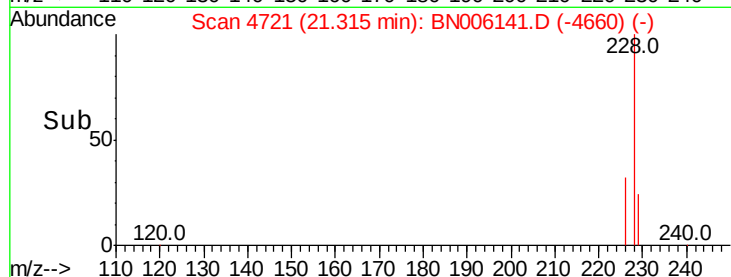
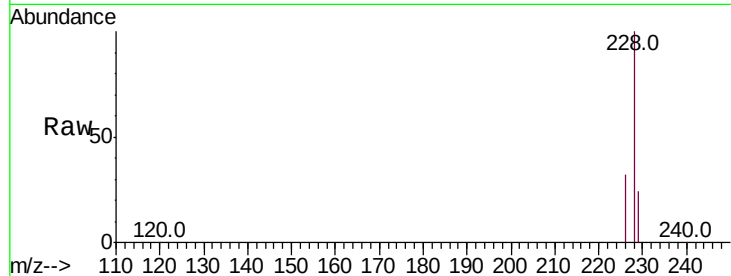
#19
Chrysene
Concen: 43.526 ng/ul
RT: 21.31 min Scan# 4721
Delta R.T. -0.02 min
Lab File: BN006141.D
Acq: 06 Jun 2019 18:16

Instrument :
BNA_N
ClientSampleId :
C0AD1

Tot Ion:228 Resp: 4627269
Ion Ratio Lower Upper
228 100
226 32.2 25.0 37.6
229 24.3 16.3 24.5

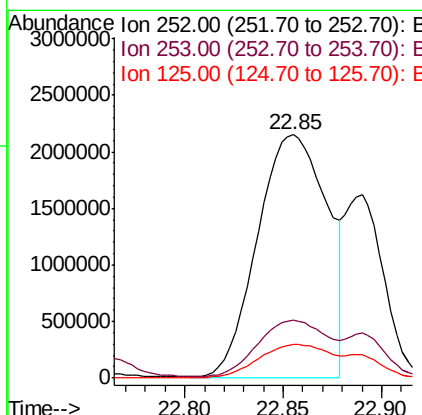
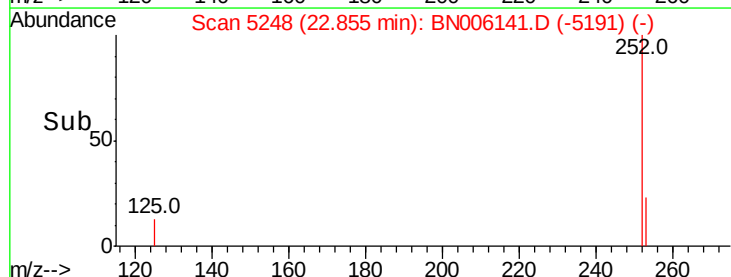
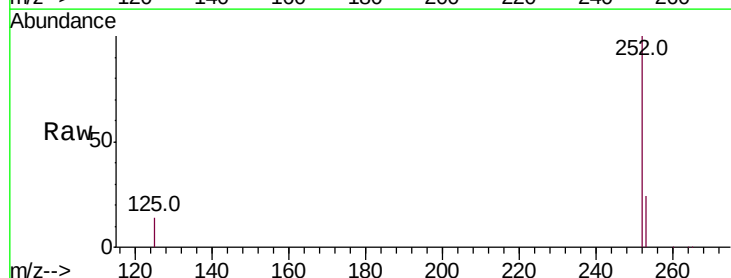
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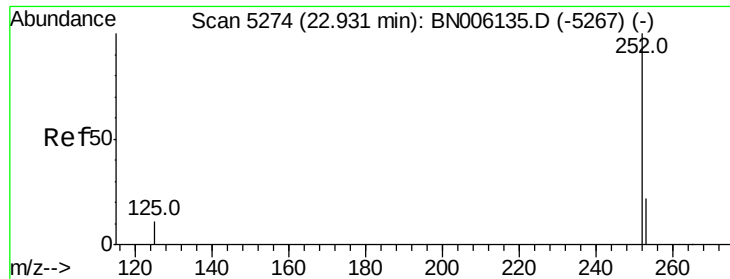
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#21
Benzo(b)fluoranthene
Concen: 39.139 ng/ul m
RT: 22.85 min Scan# 5248
Delta R.T. -0.03 min
Lab File: BN006141.D
Acq: 06 Jun 2019 18:16

Tgt Ion:252 Resp: 5313187
Ion Ratio Lower Upper
252 100
253 23.8 0.0 51.4
125 13.7 0.0 41.0





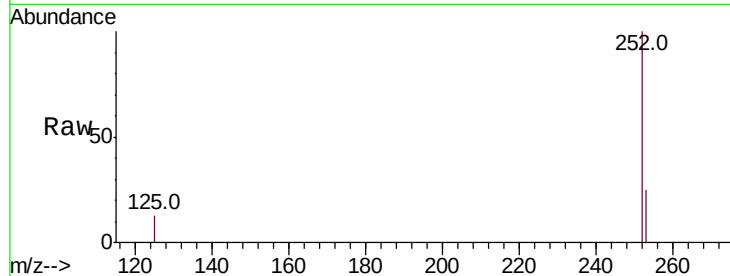
#22
Benzo(k)fluoranthene
Concen: 16.848 ng/ul m
RT: 22.89 min Scan# 5260
Delta R.T. -0.04 min
Lab File: BN006141.D
Acq: 06 Jun 2019 18:16

Instrument :
BNA_N
ClientSampled :
C0AD1

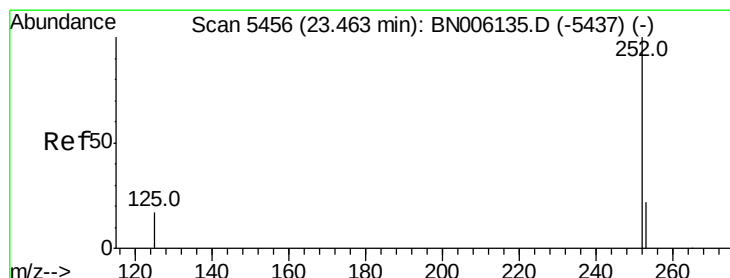
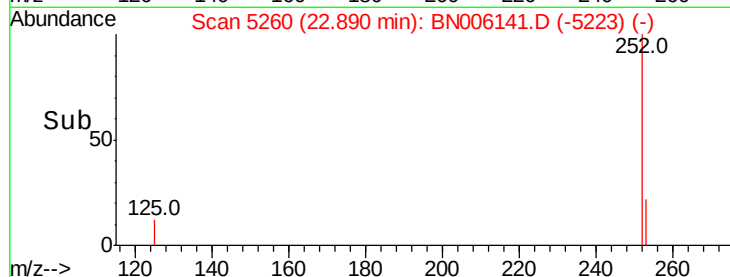
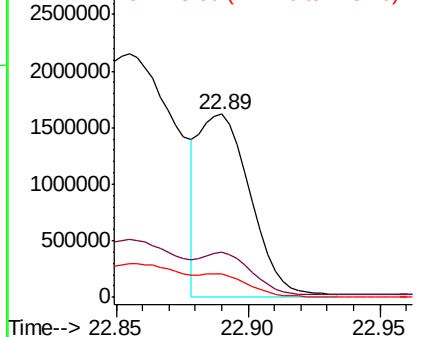
Tot Ion:252 Resp: 2227788
Ion Ratio Lower Upper
252 100
253 24.5 20.3 30.5
125 12.7 14.3 21.5#

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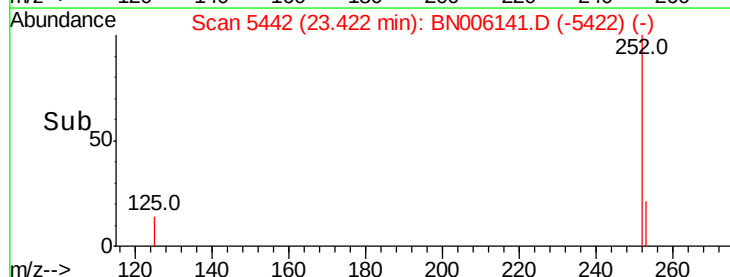
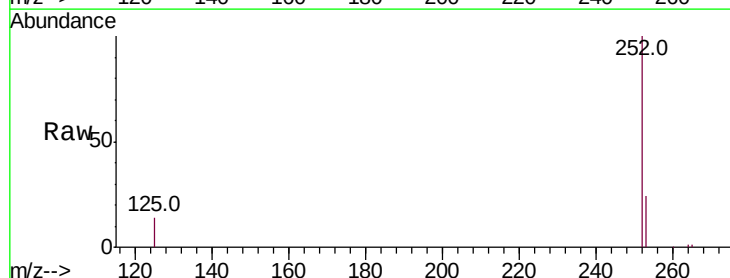
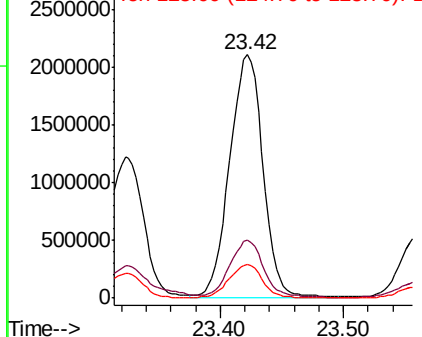
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

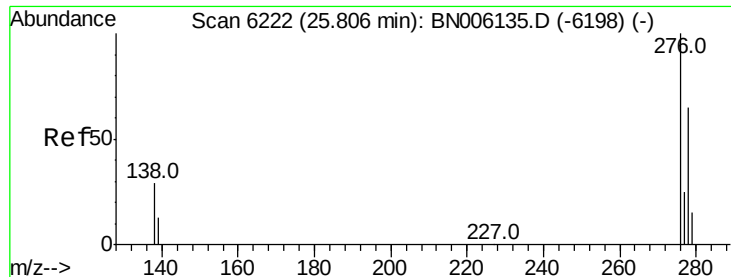


#23
Benzo(a)pyrene
Concen: 31.706 ng/ul m
RT: 23.42 min Scan# 5442
Delta R.T. -0.04 min
Lab File: BN006141.D
Acq: 06 Jun 2019 18:16

Tgt Ion:252 Resp: 4008628
Ion Ratio Lower Upper
252 100
253 23.6 21.1 31.7
125 13.7 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





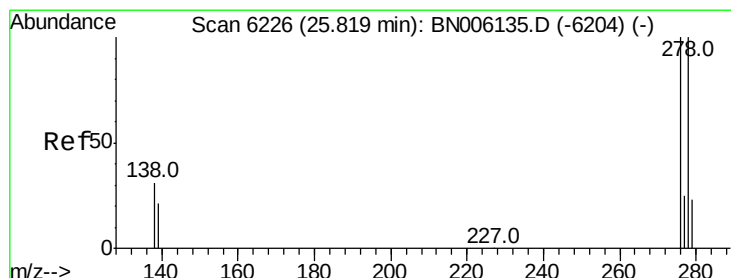
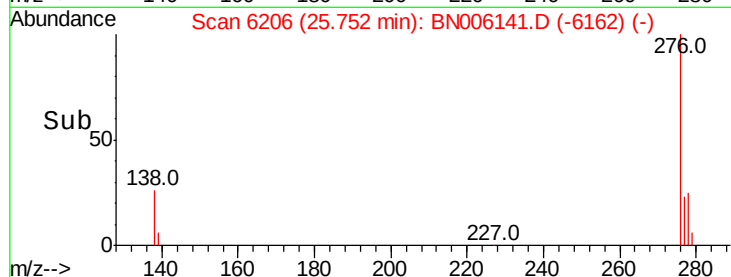
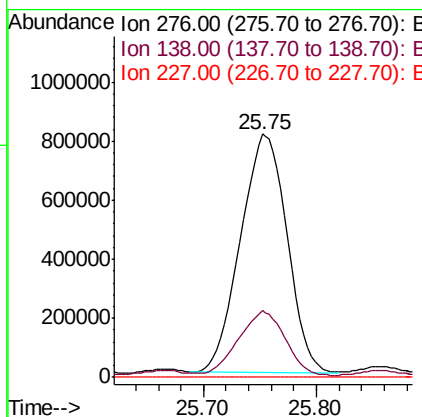
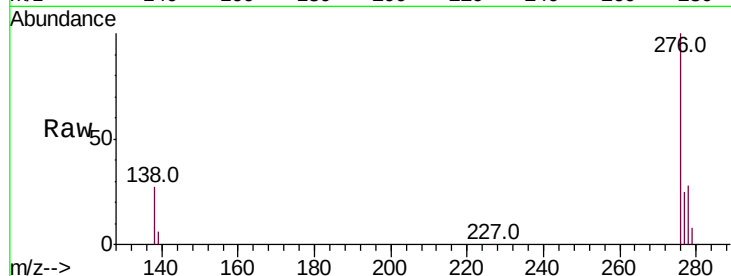
#24
Indeno(1,2,3-cd)pyrene
Concen: 16.995 ng/ul m
RT: 25.75 min Scan# 6206
Delta R.T. -0.05 min
Lab File: BN006141.D
Acq: 06 Jun 2019 18:16

Instrument :
BNA_N
ClientSampled :
C0AD1

Tot Ion:276 Resp: 2325717
Ion Ratio Lower Upper
276 100
138 2.3 25.6 38.4#
227 0.1 0.3 0.5#

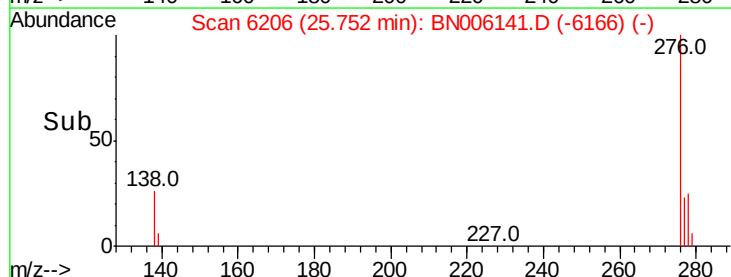
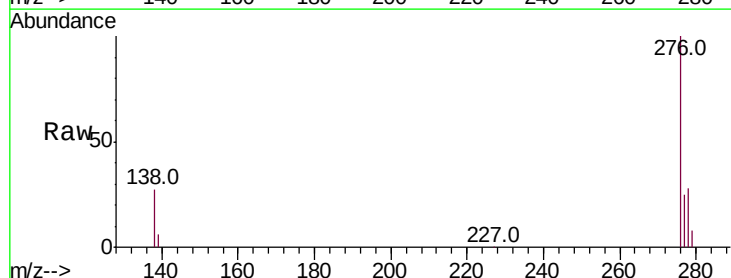
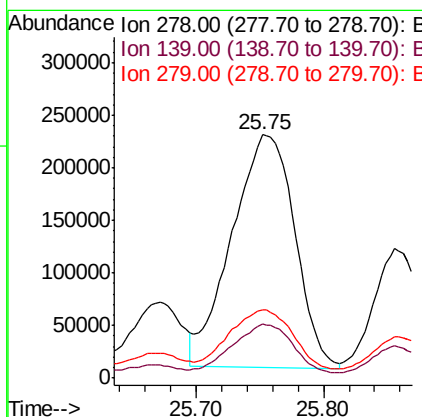
Manual Integrations
APPROVED

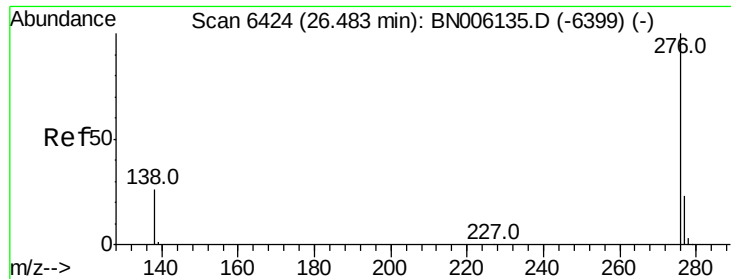
mohammad
6/11/2019 5:07:16 PM



#25
Dibenzo(a,h)anthracene
Concen: 6.968 ng/ul m
RT: 25.75 min Scan# 6206
Delta R.T. -0.07 min
Lab File: BN006141.D
Acq: 06 Jun 2019 18:16

Tgt Ion:278 Resp: 762353
Ion Ratio Lower Upper
278 100
139 22.4 21.2 31.8
279 28.1 22.6 33.8





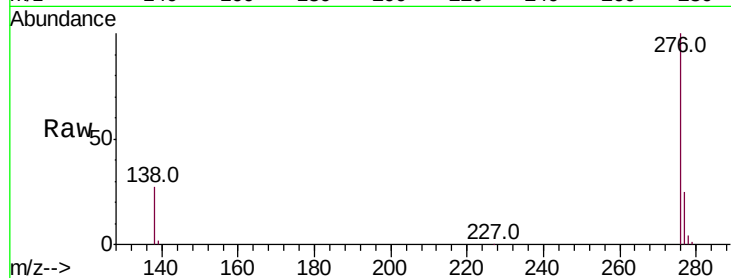
#26
 Benzo(a,h,i)perylene
 Concen: 14.460 ng/ul
 RT: 26.44 min Scan# 6411
 Delta R.T. -0.04 min
 Lab File: BN006141.D
 Acq: 06 Jun 2019 18:16

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.7	24.2	36.4
277	24.6	21.5	32.3

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:16 PM



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

