

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
 Data File : BN006158.D
 Acq On : 07 Jun 2019 05:14
 Operator : JU/SJ
 Sample : K3016-21
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51D8

Manual Integrations
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Quant Time: Jun 07 06:50:12 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	4986	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	18817	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9620	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	20137m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	17710m	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	15925m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	4645	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	10367m	0.19	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.48	128	13410	0.258	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	3841	0.106	ng/ul	99
7) Acenaphthylene	14.02	152	8340	0.156	ng/ul#	87
8) Acenaphthene	14.36	153	10579	0.285	ng/ul	100
9) Fluorene	15.36	166	13278	0.306	ng/ul	99
12) Phenanthrene	17.09	178	172271m	2.665	ng/ul	
13) Anthracene	17.18	178	47407m	0.768	ng/ul	
15) Fluoranthene	19.12	202	261550m	3.664	ng/ul	
17) Pyrene	19.48	202	215947	2.315	ng/ul	98
18) Benzo(a)anthracene	21.25	228	118145m	1.508	ng/ul	
19) Chrysene	21.30	228	116097	1.579	ng/ul	98
21) Benzo(b)fluoranthene	22.83	252	137614m	2.072	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	58309m	0.902	ng/ul	
23) Benzo(a)pyrene	23.40	252	93837	1.517	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.73	276	65696	0.981	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.73	278	17271	0.323	ng/ul#	91
26) Benzo(a,h,i)perylene	26.41	276	47382	0.845	ng/ul	97

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

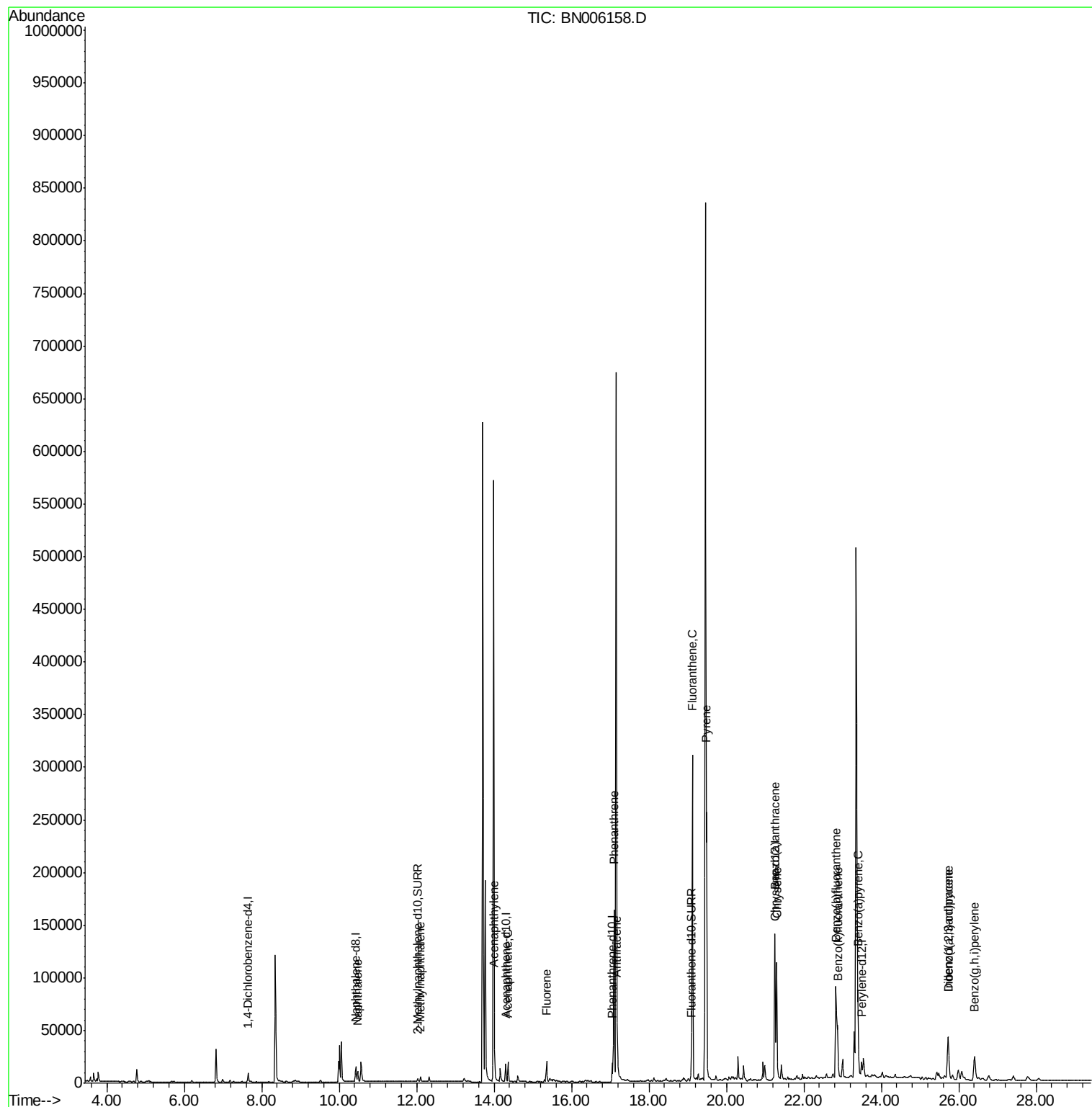
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
Data File : BN006158.D
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ALS Vial : 24 Sample Multiplier: 1

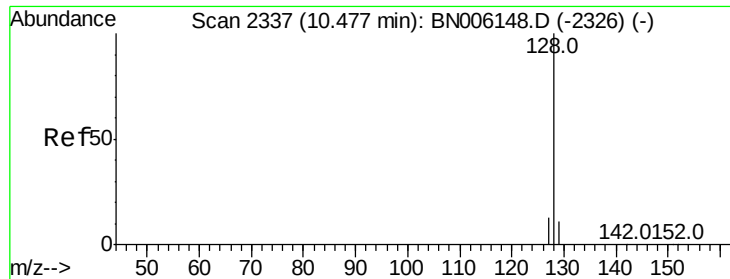
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
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QLast Update : Fri Jun 07 01:31:14 2019
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#3

Naphthalene

Concen: 0.258 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BN006158.D

Acq: 07 Jun 2019 05:14

Instrument :

BNA_N

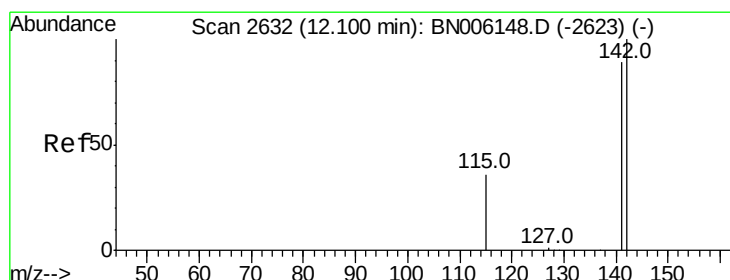
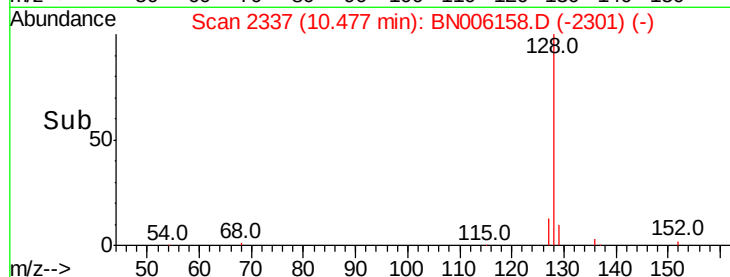
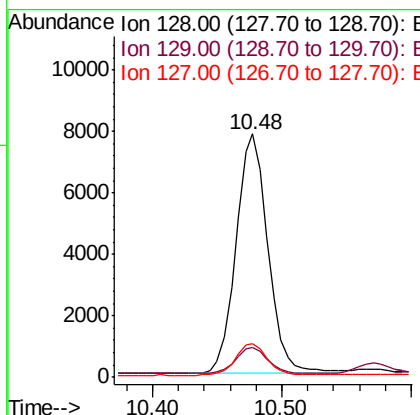
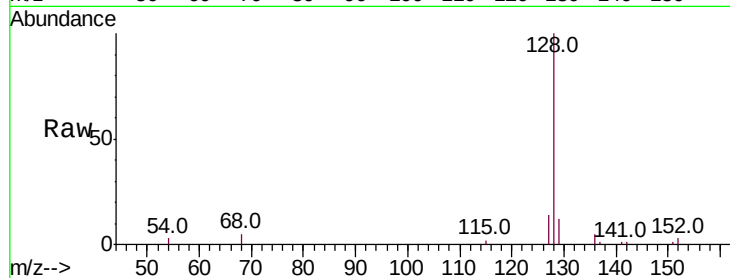
ClientSampled :

A51D8

Tot Ion:	128	Resp:	13410
Ion Ratio	Lower	Upper	
128	100		
129	12.2	9.3	13.9
127	13.8	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 0.106 ng/ul

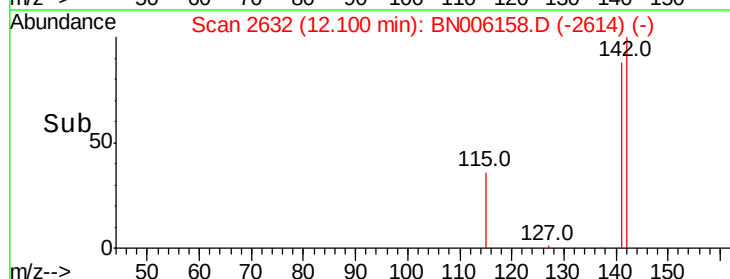
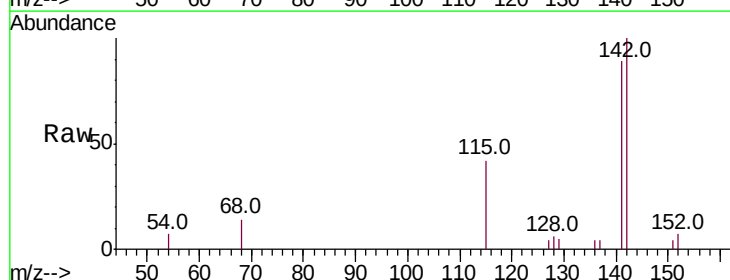
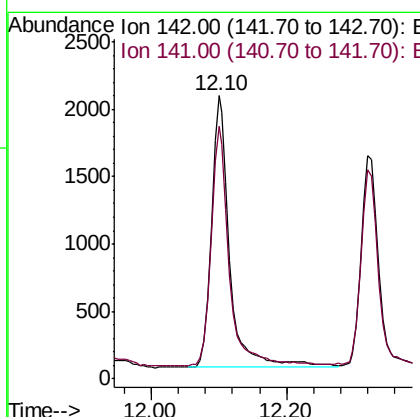
RT: 12.10 min Scan# 2632

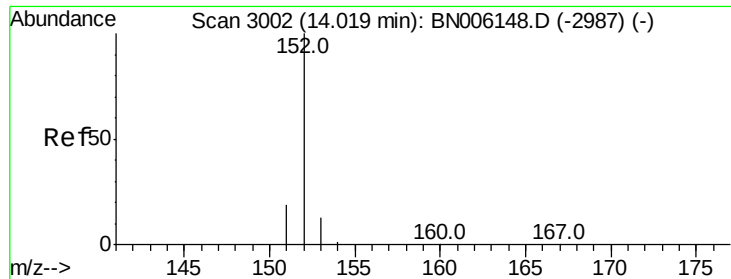
Delta R.T. 0.00 min

Lab File: BN006158.D

Acq: 07 Jun 2019 05:14

Tgt Ion:	142	Resp:	3841
Ion Ratio	Lower	Upper	
142	100		
141	89.2	70.3	105.5





#7

Acenaphthylene

Concen: 0.156 ng/ul

RT: 14.02 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BN006158.D

Acq: 07 Jun 2019 05:14

Instrument :

BNA_N

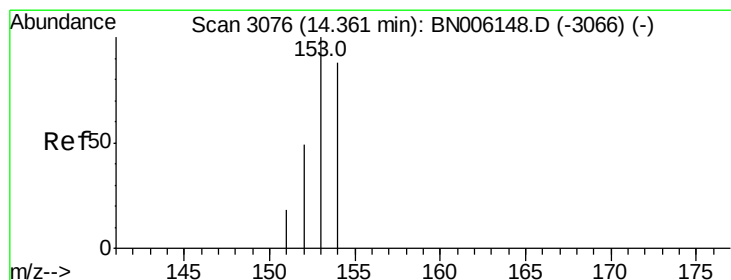
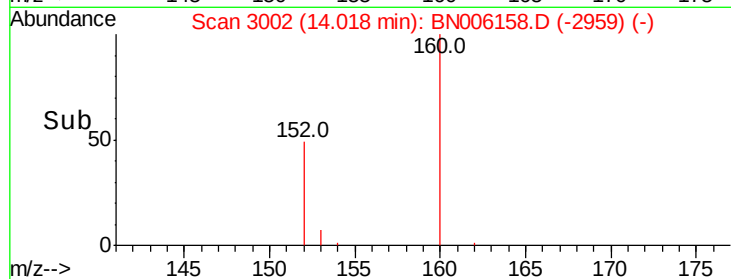
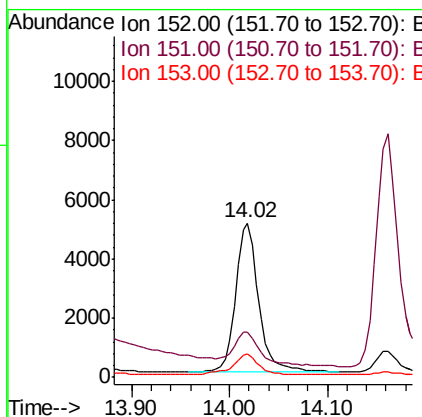
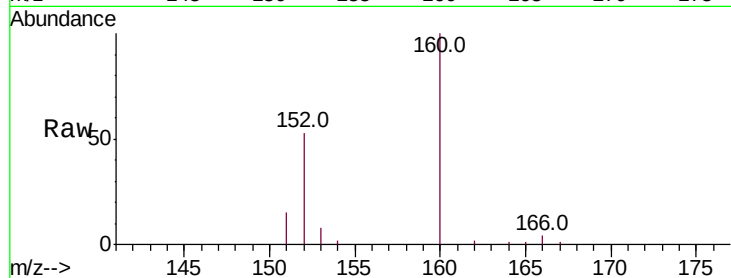
ClientSampled :

A51D8

Tot Ion:	152	Resp:	8340
Ion Ratio	Lower	Upper	
152	100		
151	28.9	15.8	23.8#
153	15.1	10.8	16.2

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#8

Acenaphthene

Concen: 0.285 ng/ul

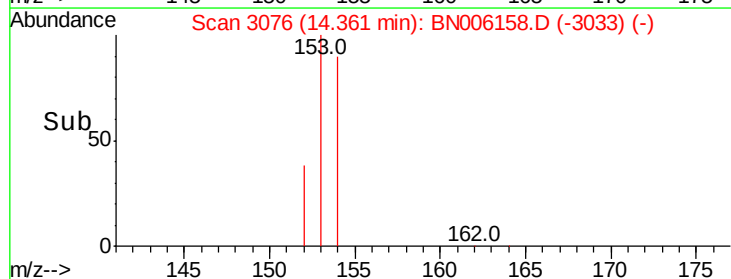
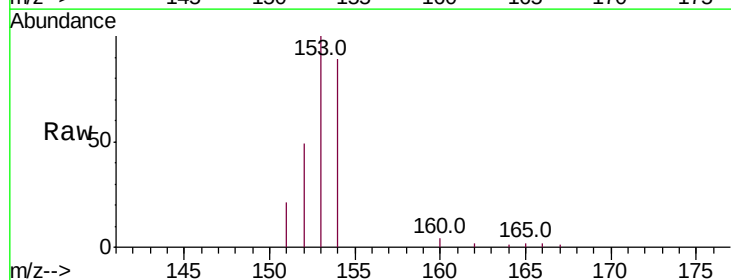
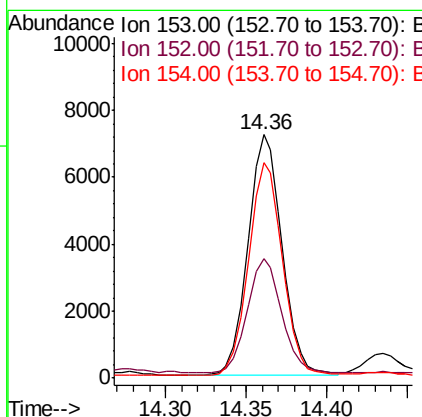
RT: 14.36 min Scan# 3076

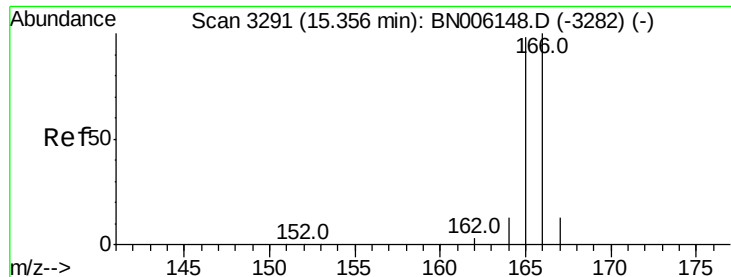
Delta R.T. -0.00 min

Lab File: BN006158.D

Acq: 07 Jun 2019 05:14

Tgt Ion:	153	Resp:	10579
Ion Ratio	Lower	Upper	
153	100		
152	49.1	39.1	58.7
154	88.7	71.1	106.7





#9

Fluorene

Concen: 0.306 ng/ul

RT: 15.36 min Scan# 3291

Delta R.T. -0.00 min

Lab File: BN006158.D

Acq: 07 Jun 2019 05:14

Instrument :

BNA_N

ClientSampleId :

A51D8

Tot Ion:166 Resp: 13278

Ion Ratio Lower Upper

166 100

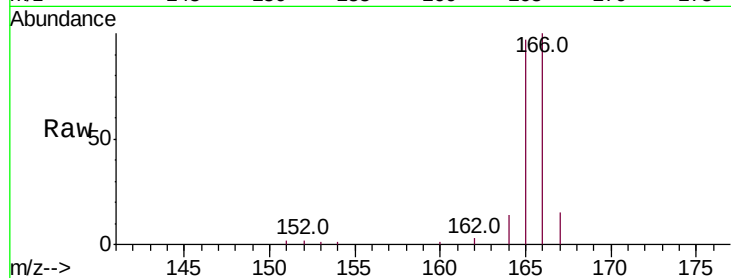
165 96.6 76.4 114.6

167 14.9 11.0 16.6

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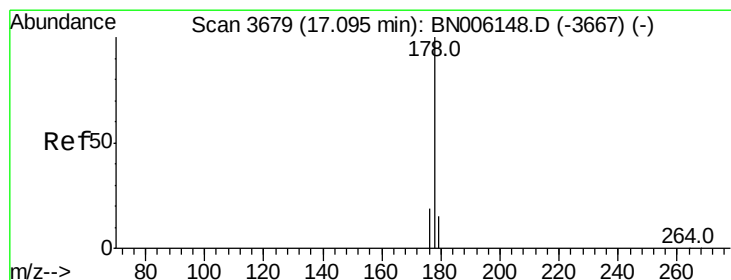
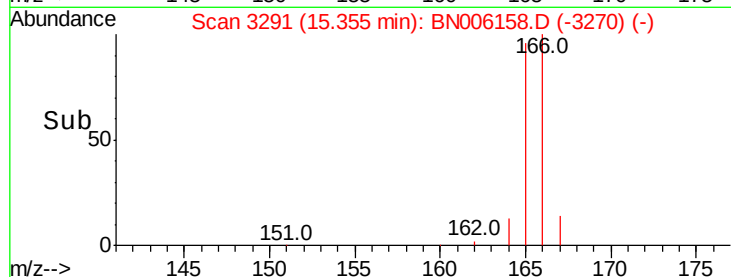
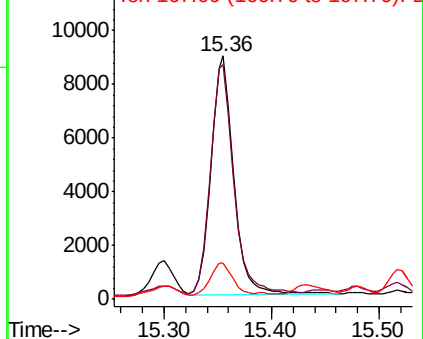


Abundance

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: 2.665 ng/ul m

RT: 17.09 min Scan# 3679

Delta R.T. -0.00 min

Lab File: BN006158.D

Acq: 07 Jun 2019 05:14

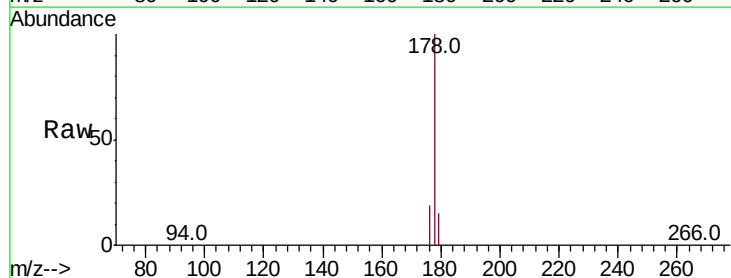
Tgt Ion:178 Resp: 172271

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

176 19.0 15.3 22.9

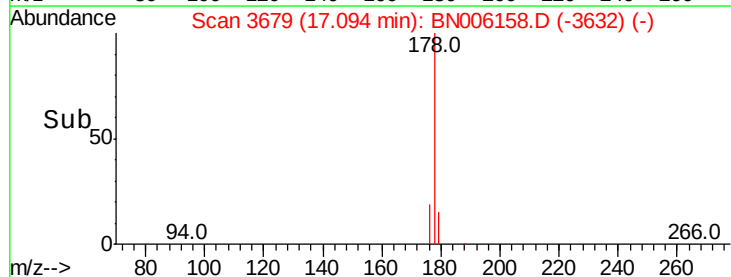
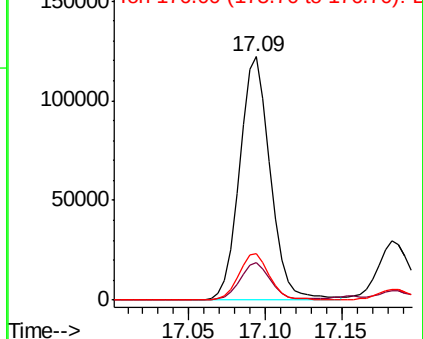


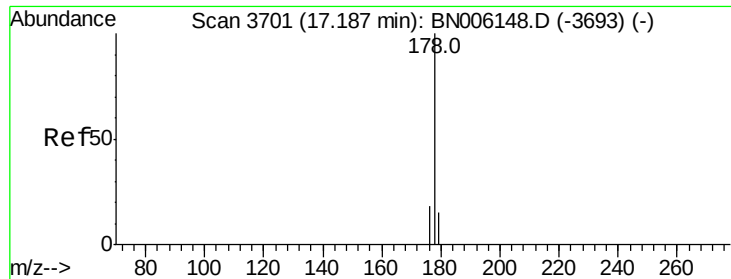
Abundance

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





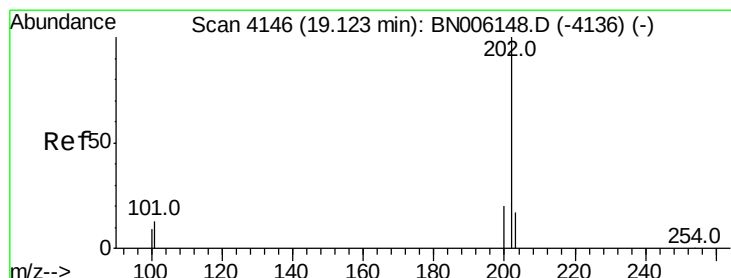
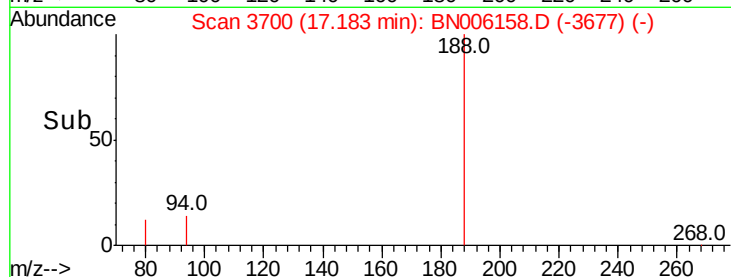
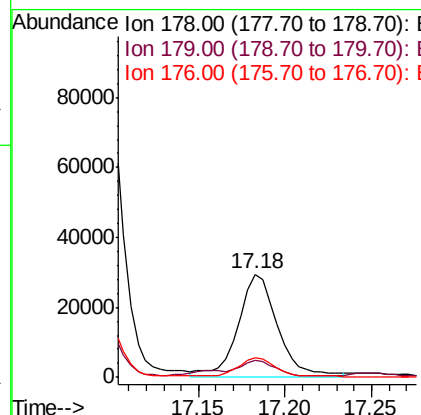
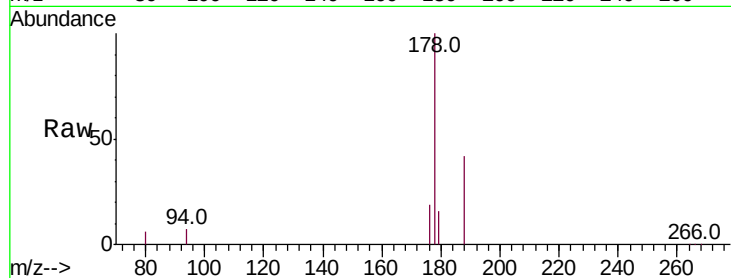
#13
 Anthracene
 Concen: 0.768 ng/ul m
 RT: 17.18 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: BN006158.D
 Acq: 07 Jun 2019 05:14

Instrument :
 BNA_N
 ClientSampleId :
 A51D8

Tot Ion:178 Resp: 47407
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.2 18.4
 176 18.6 15.1 22.7

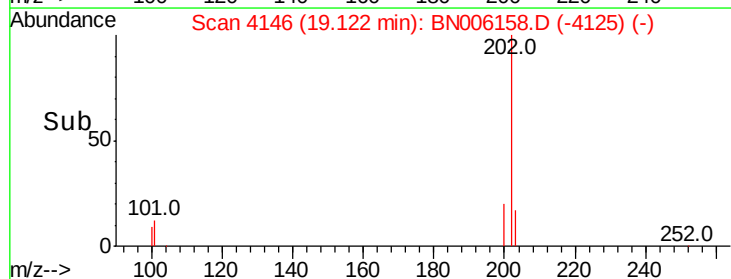
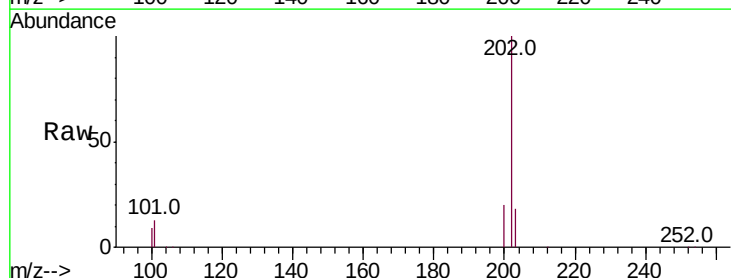
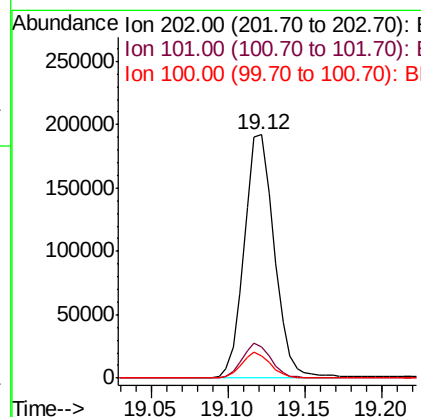
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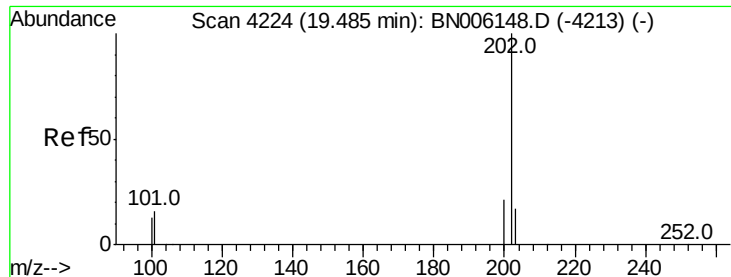
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#15
 Fluoranthene
 Concen: 3.664 ng/ul m
 RT: 19.12 min Scan# 4146
 Delta R.T. -0.00 min
 Lab File: BN006158.D
 Acq: 07 Jun 2019 05:14

Tgt Ion:202 Resp: 261550
 Ion Ratio Lower Upper
 202 100
 101 12.7 0.0 32.1
 100 9.1 0.0 28.7





#17

Pvrene

Concen: 2.315 ng/ul

RT: 19.48 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN006158.D

Acq: 07 Jun 2019 05:14

Instrument :

BNA_N

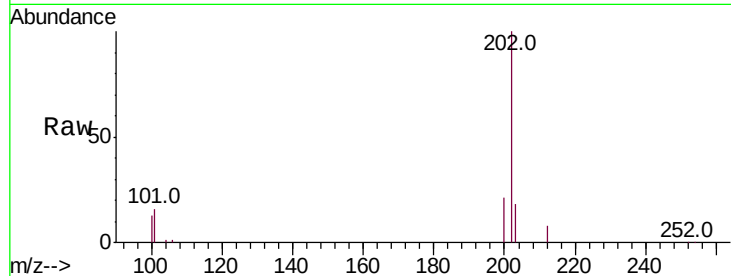
ClientSampleId :

A51D8

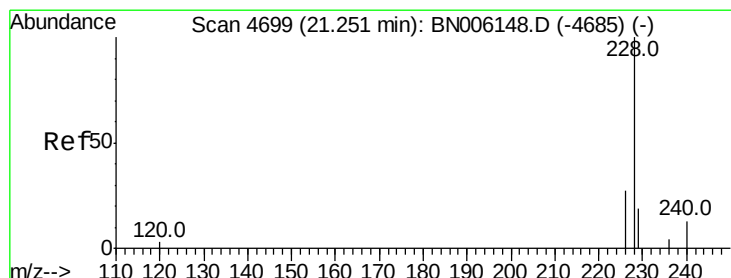
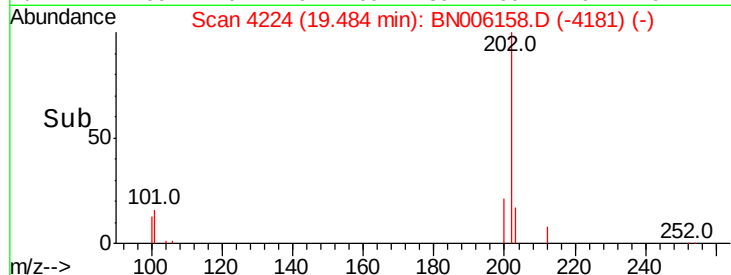
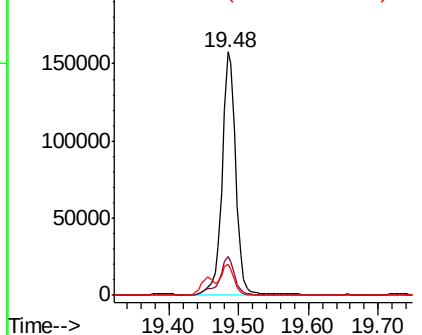
Tot Ion:	202	Resp:	215947
Ion Ratio	Lower	Upper	
202	100		
101	16.2	12.2	18.2
100	12.9	9.8	14.6

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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: 1.508 ng/ul m

RT: 21.25 min Scan# 4698

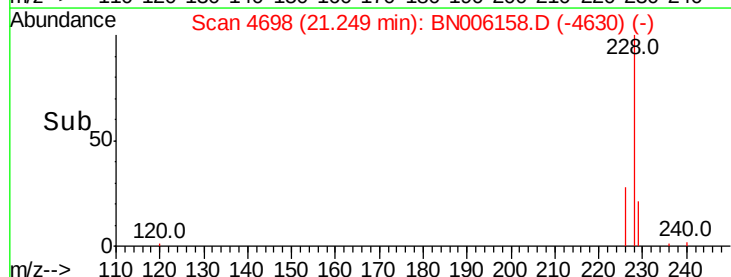
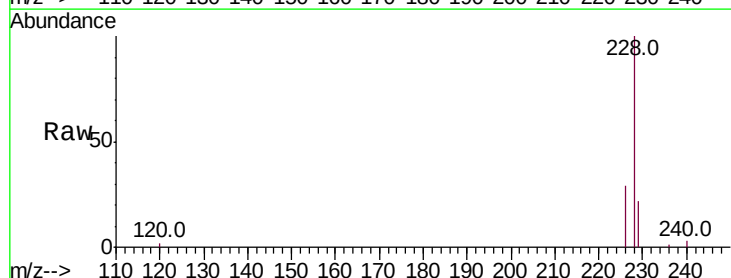
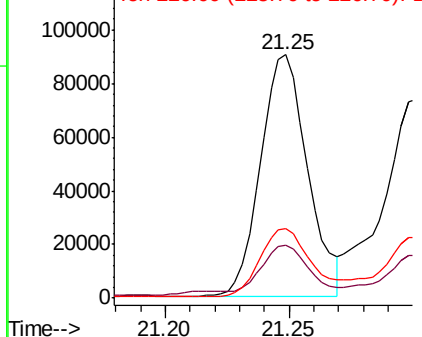
Delta R.T. -0.00 min

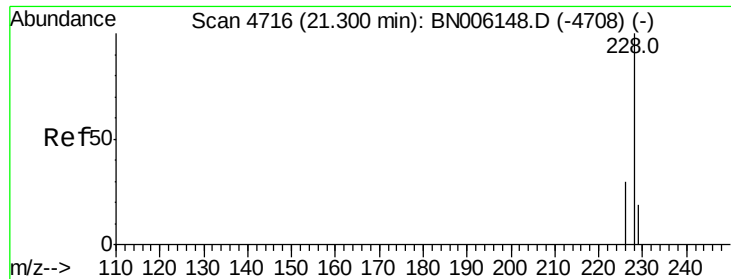
Lab File: BN006158.D

Acq: 07 Jun 2019 05:14

Tgt Ion:	228	Resp:	118145
Ion Ratio	Lower	Upper	
228	100		
229	21.9	16.5	24.7
226	28.6	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: 1.579 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. 0.00 min

Lab File: BN006158.D

Acq: 07 Jun 2019 05:14

Instrument :

BNA_N

ClientSampleId :

A51D8

Tot Ion:228 Resp: 116097

Ion Ratio Lower Upper

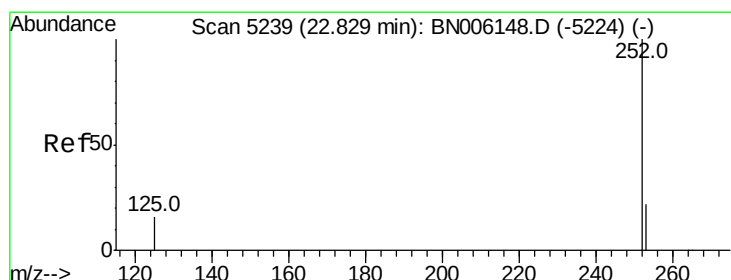
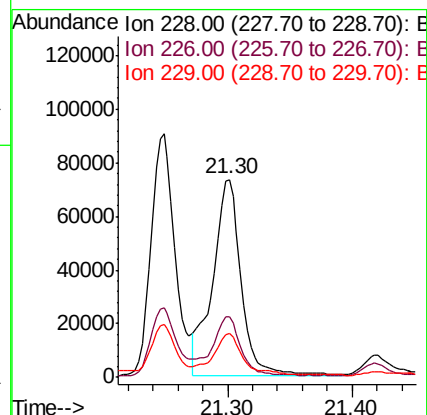
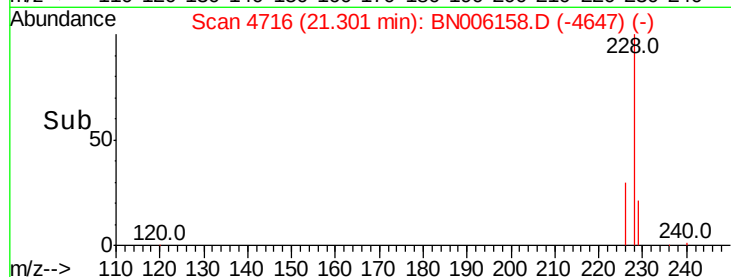
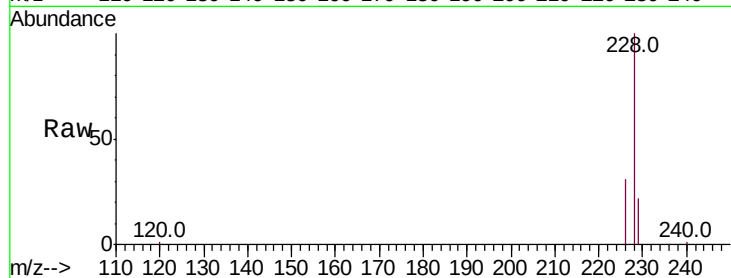
228 100

226 30.8 25.0 37.6

229 22.0 16.3 24.5

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#21

Benzo(b)fluoranthene

Concen: 2.072 ng/ul m

RT: 22.83 min Scan# 5239

Delta R.T. 0.00 min

Lab File: BN006158.D

Acq: 07 Jun 2019 05:14

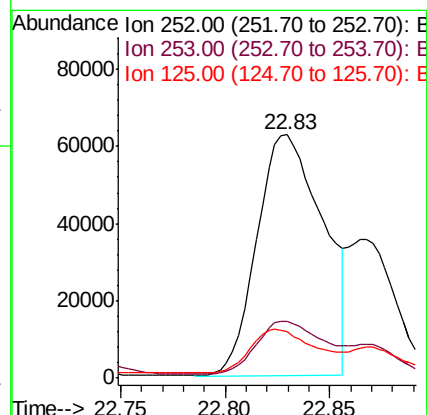
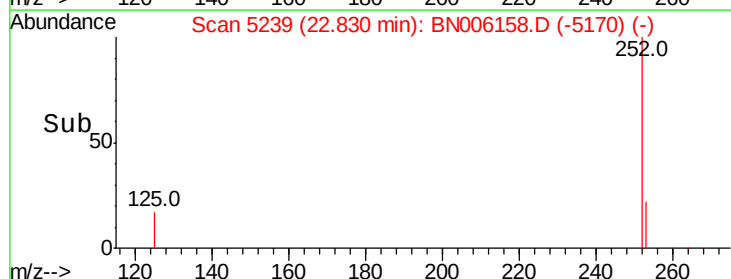
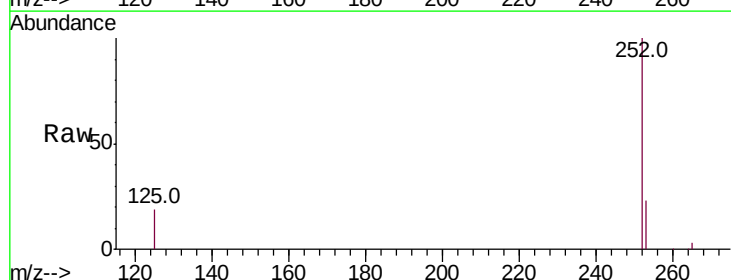
Tgt Ion:252 Resp: 137614

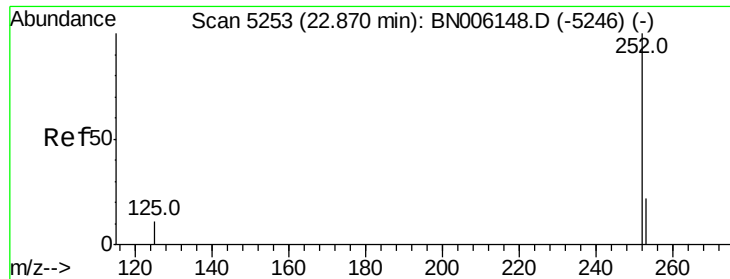
Ion Ratio Lower Upper

252 100

253 23.3 0.0 51.4

125 18.8 0.0 41.0





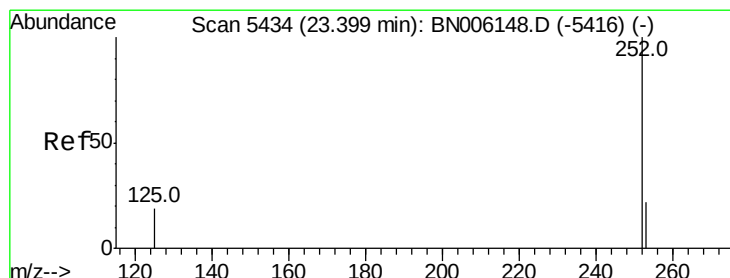
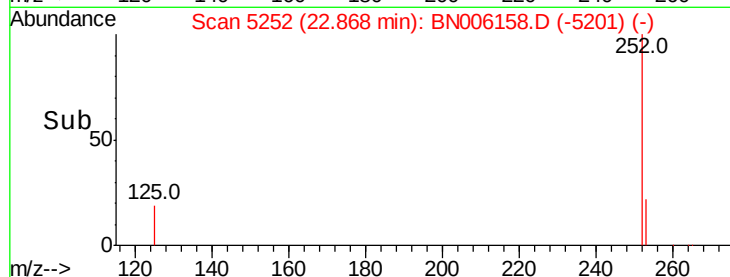
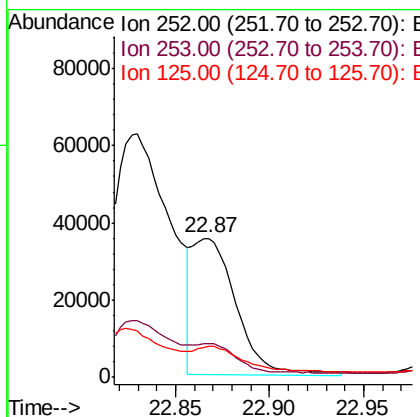
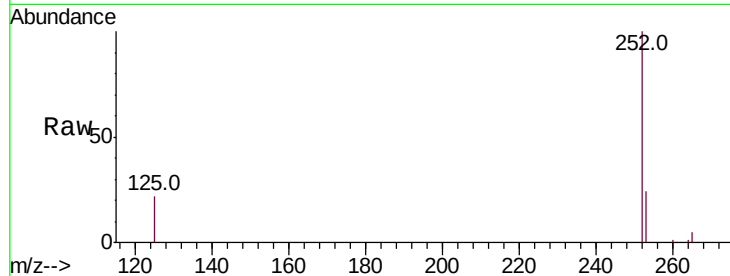
#22
Benzo(k)fluoranthene
Concen: 0.902 ng/ul m
RT: 22.87 min Scan# 5252
Delta R.T. -0.00 min
Lab File: BN006158.D
Acq: 07 Jun 2019 05:14

Instrument :
BNA_N
ClientSampleId :
A51D8

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.3	30.5
125	22.1	14.3	21.5#

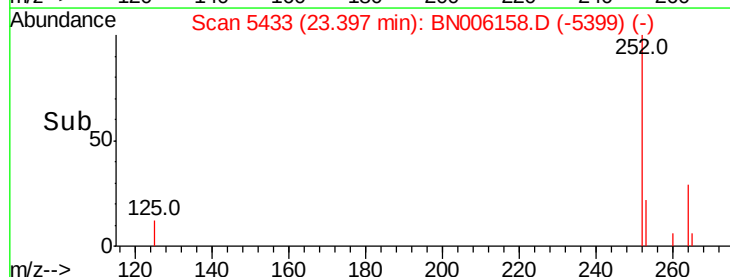
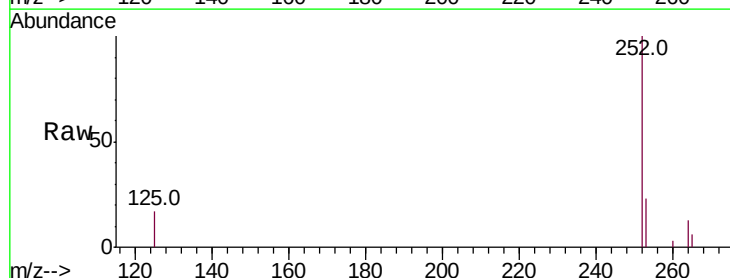
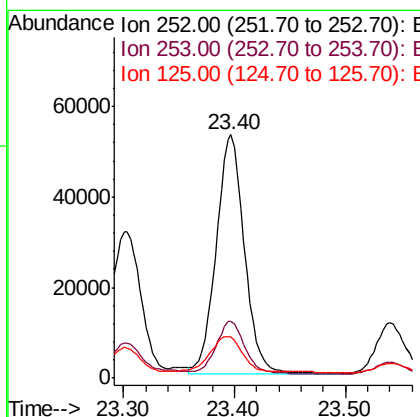
Manual Integrations
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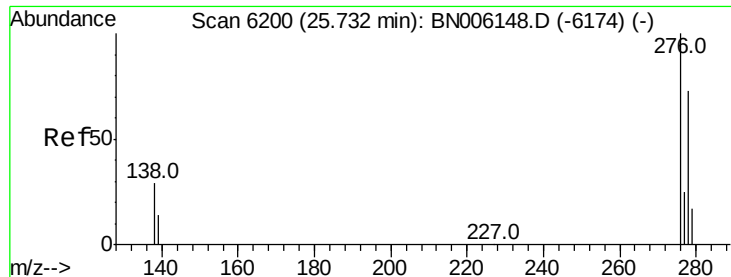
mohammad
6/11/2019 5:08:04 PM



#23
Benzo(a)pyrene
Concen: 1.517 ng/ul
RT: 23.40 min Scan# 5433
Delta R.T. -0.00 min
Lab File: BN006158.D
Acq: 07 Jun 2019 05:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	21.1	31.7
125	16.9	20.3	30.5#





#24

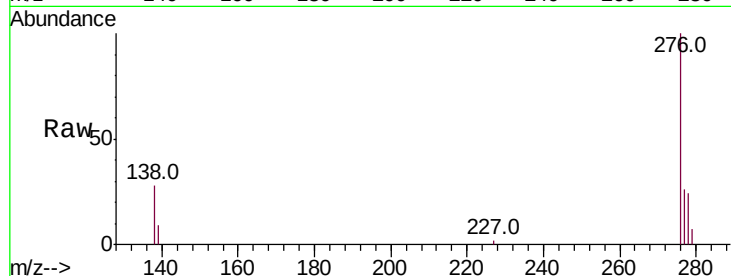
Indeno(1,2,3-cd)pyrene
Concen: 0.981 ng/ul
RT: 25.73 min Scan# 6198
Delta R.T. -0.01 min
Lab File: BN006158.D
Acq: 07 Jun 2019 05:14

Instrument :
BNA_N
ClientSampleId :
A51D8

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.3	25.6	38.4#
227	0.0	0.3	0.5#

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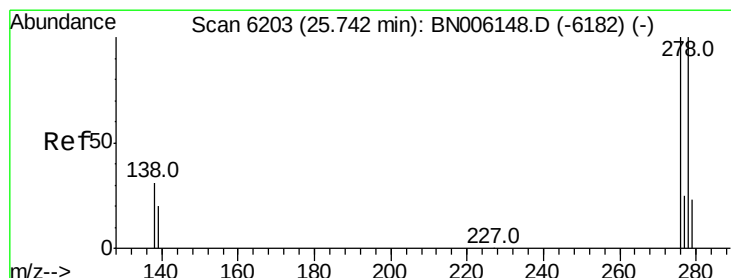
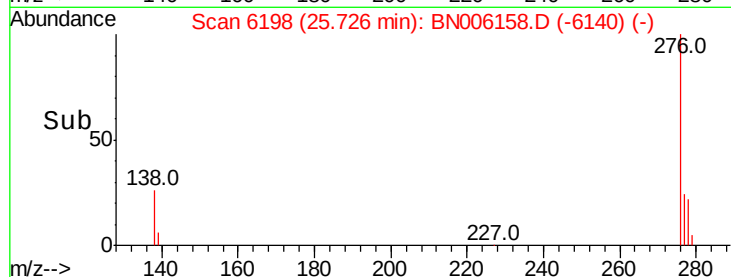
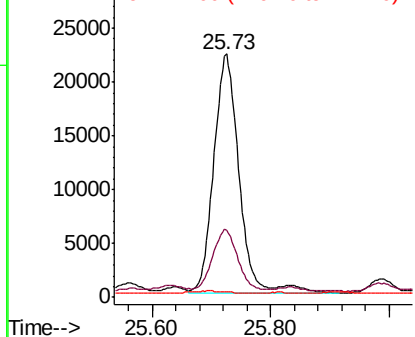


Abundance

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: 0.323 ng/ul
RT: 25.73 min Scan# 6199
Delta R.T. -0.01 min
Lab File: BN006158.D
Acq: 07 Jun 2019 05:14

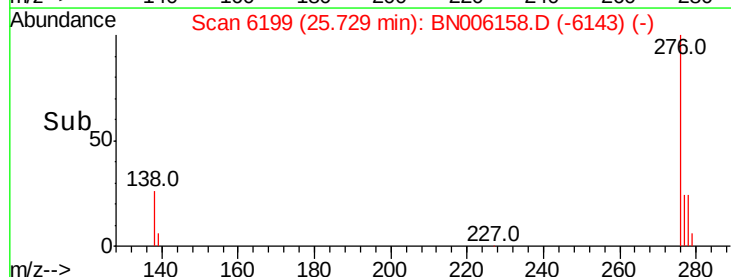
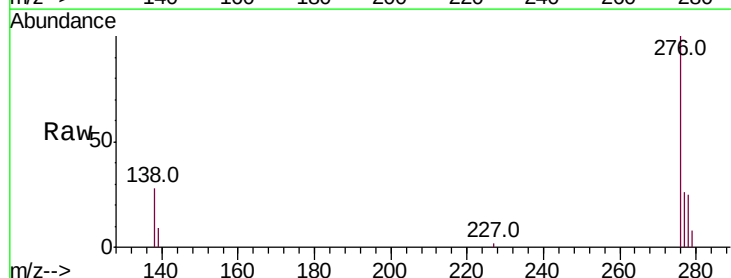
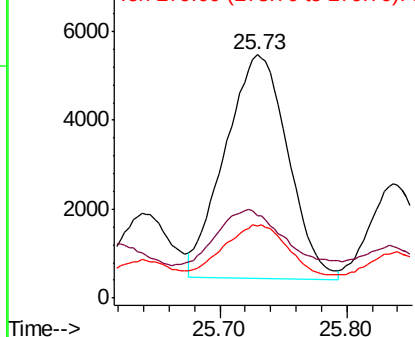
Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.9	21.2	31.8#
279	29.7	22.6	33.8

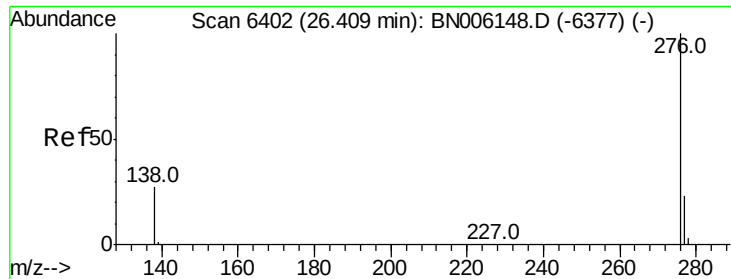
Abundance

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





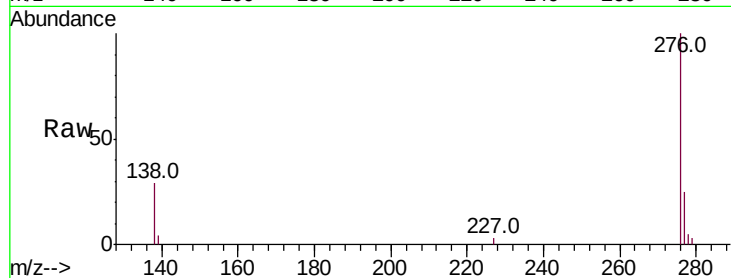
#26
Benzo(a,h,i)perylene
Concen: 0.845 ng/ul
RT: 26.41 min Scan# 6401
Delta R.T. -0.00 min
Lab File: BN006158.D
Acq: 07 Jun 2019 05:14

Instrument :
BNA_N
ClientSampleId :
A51D8

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.6	24.2	36.4
277	25.3	21.5	32.3

Manual Integrations
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mohammad
6/11/2019 5:08:04 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

