

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
 Data File : BN006233.D
 Acq On : 10 Jun 2019 21:10
 Operator : JU/SJ
 Sample : K3017-20
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51F1

Manual Integrations
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 6/11/2019 4:28:49 PM

Quant Time: Jun 11 02:11:32 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 : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4004	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	15188	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	6823	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	13107m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	12317m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	19440	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4811	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	9858m	0.28	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	6210	0.164	ng/ul	97
8) Acenaphthene	14.36	153	1277	0.049	ng/ul	96
9) Fluorene	15.35	166	2055	0.067	ng/ul#	98
12) Phenanthrene	17.09	178	73437m	1.745	ng/ul	
13) Anthracene	17.18	178	10083m	0.251	ng/ul	
15) Fluoranthene	19.12	202	237259m	5.107	ng/ul	
17) Pyrene	19.49	202	186858	2.880	ng/ul	100
18) Benzo(a)anthracene	21.25	228	89181m	1.637	ng/ul	
19) Chrysene	21.30	228	117216	2.292	ng/ul	98
21) Benzo(b)fluoranthene	22.83	252	167568m	2.067	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	55724m	0.706	ng/ul	
23) Benzo(a)pyrene	23.40	252	99217	1.314	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.72	276	82117	1.005	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.73	278	18109	0.277	ng/ul#	90
26) Benzo(g,h,i)perylene	26.41	276	71697	1.048	ng/ul	96

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

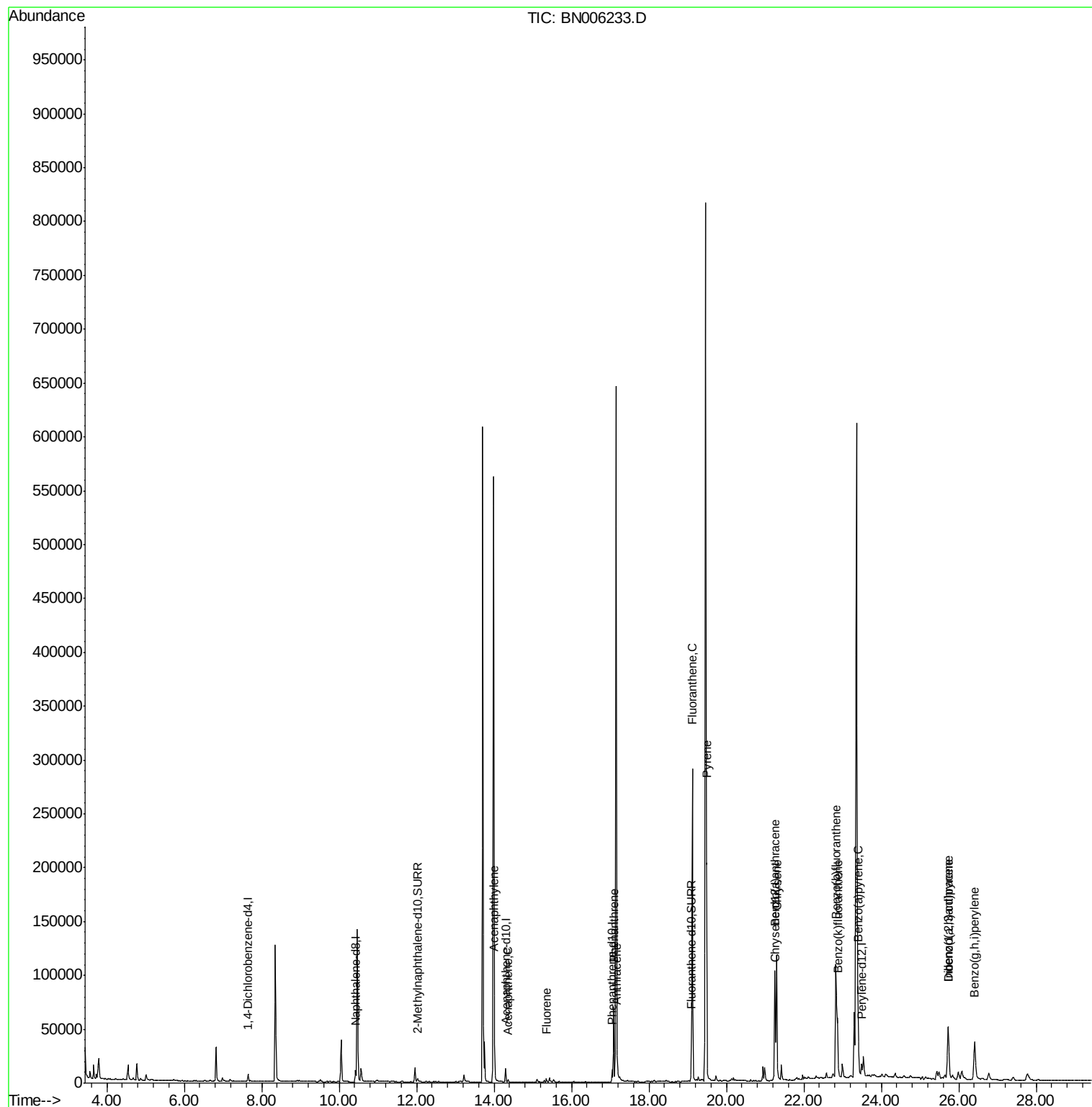
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
Data File : BN006233.D
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ALS Vial : 21 Sample Multiplier: 1

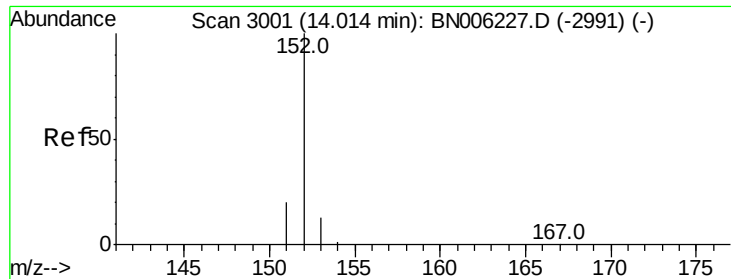
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
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QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.164 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006233.D

Acq: 10 Jun 2019 21:10

Instrument :

BNA_N

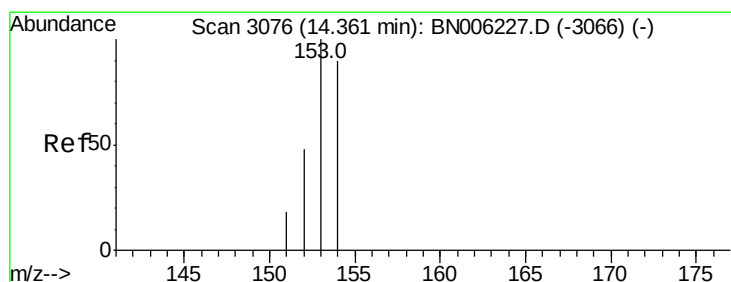
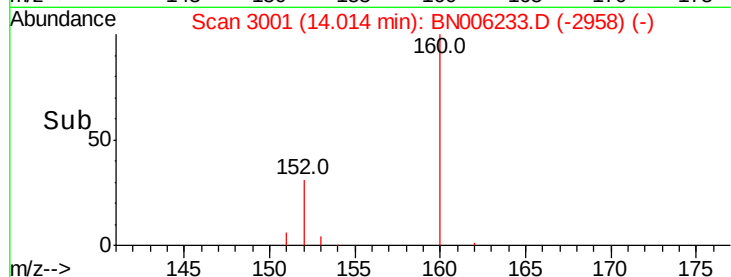
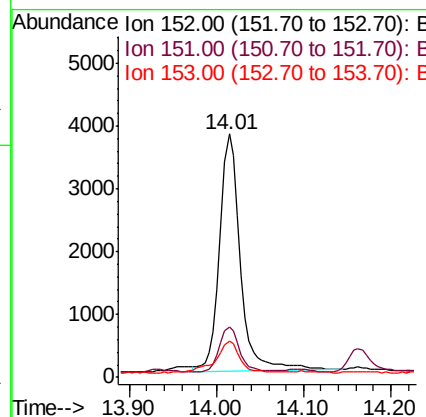
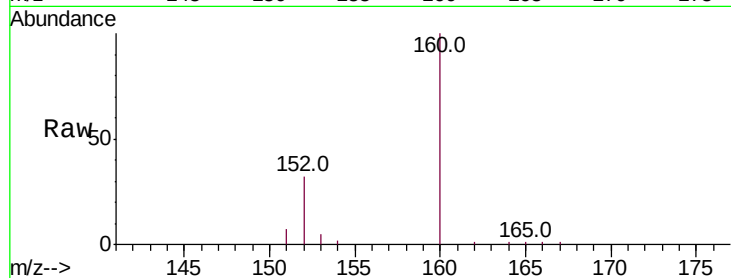
ClientSampled :

A51F1

Tot Ion:	152	Resp:	6210
Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.8	23.8
153	14.9	10.8	16.2

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#8

Acenaphthene

Concen: 0.049 ng/ul

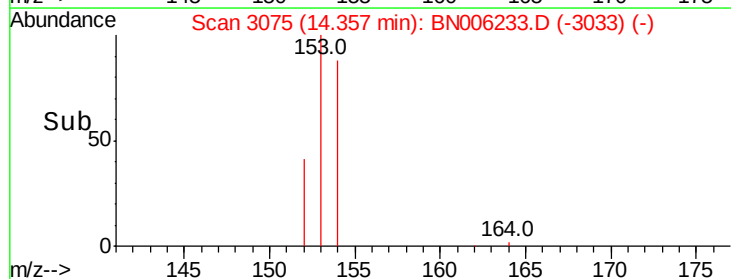
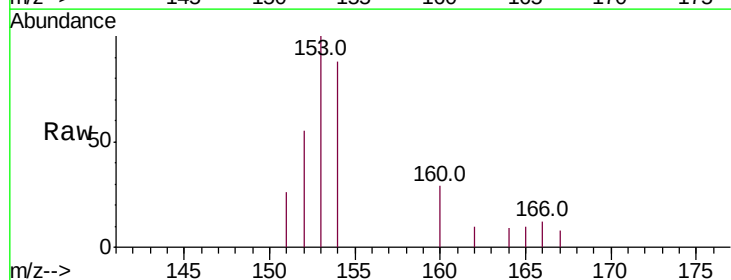
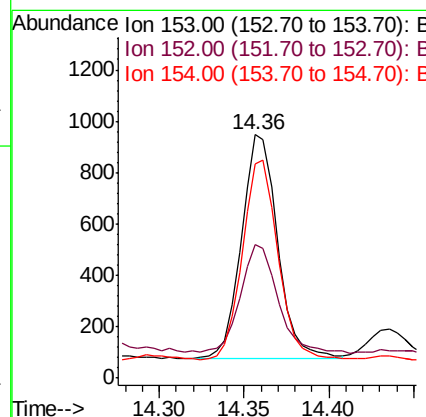
RT: 14.36 min Scan# 3075

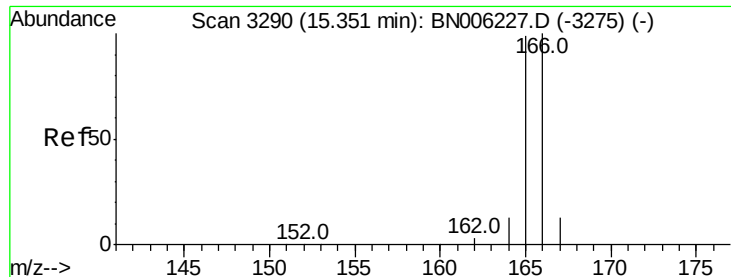
Delta R.T. -0.00 min

Lab File: BN006233.D

Acq: 10 Jun 2019 21:10

Tgt Ion:	153	Resp:	1277
Ion	Ratio	Lower	Upper
153	100		
152	54.7	39.1	58.7
154	88.0	71.1	106.7





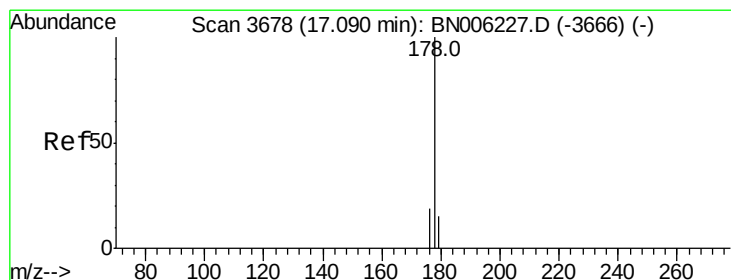
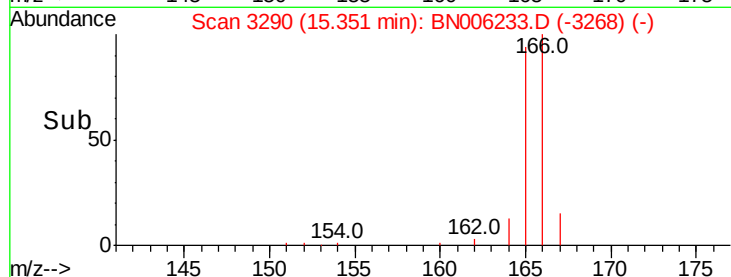
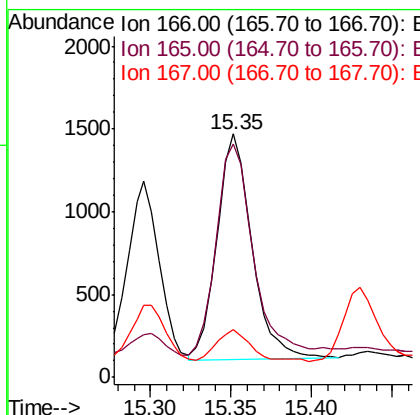
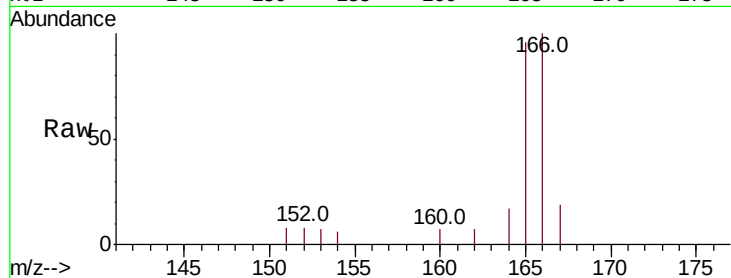
#9
Fluorene
Concen: 0.067 ng/ul
RT: 15.35 min Scan# 3290
Delta R.T. -0.00 min
Lab File: BN006233.D
Acq: 10 Jun 2019 21:10

Instrument :
BNA_N
ClientSampleId :
A51F1

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.9	76.4	114.6
167	19.4	11.0	16.6#

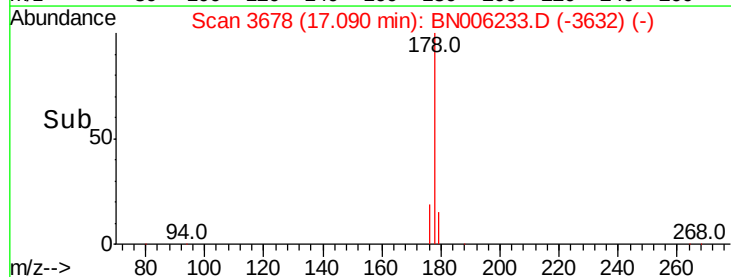
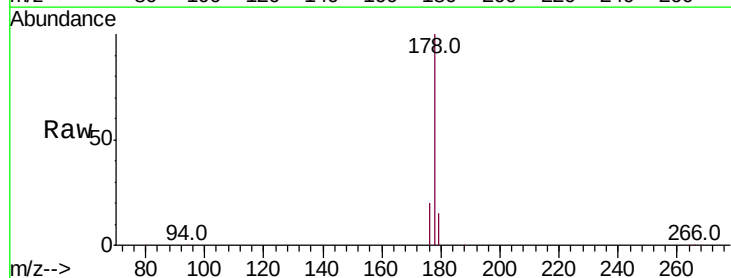
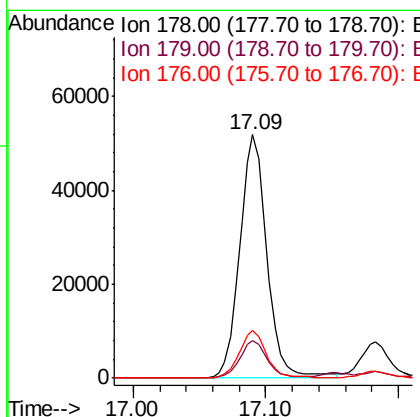
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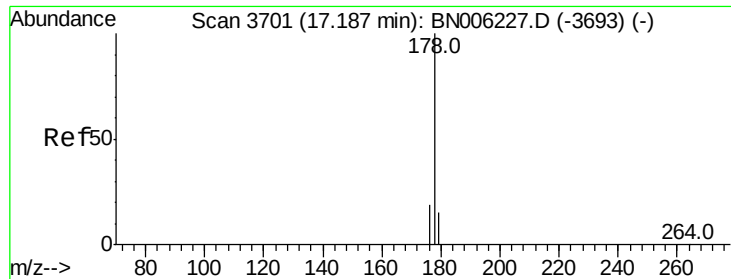
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#12
Phenanthrene
Concen: 1.745 ng/ul m
RT: 17.09 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN006233.D
Acq: 10 Jun 2019 21:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	19.6	15.3	22.9





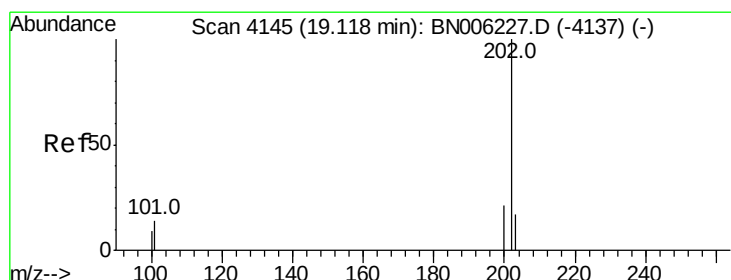
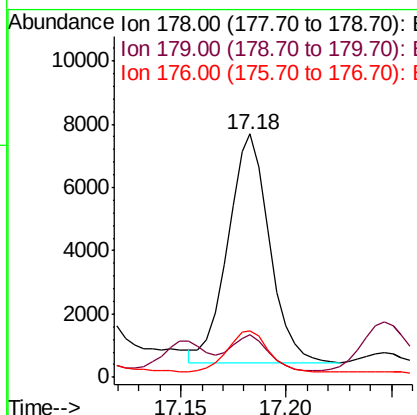
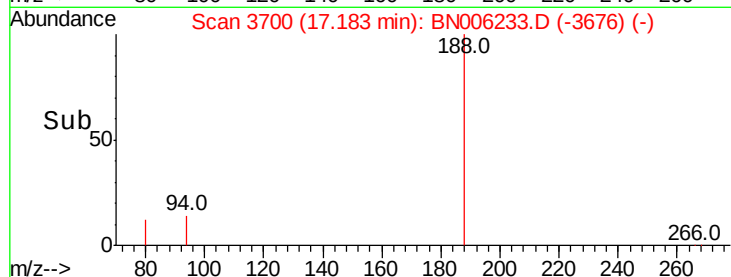
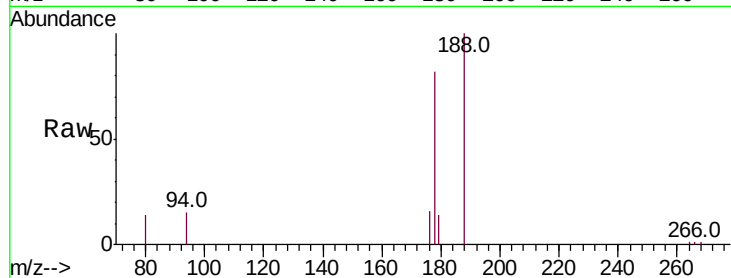
#13
 Anthracene
 Concen: 0.251 ng/ul m
 RT: 17.18 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: BN006233.D
 Acq: 10 Jun 2019 21:10

Instrument :
 BNA_N
 ClientSampled :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.2	18.4
176	19.3	15.1	22.7

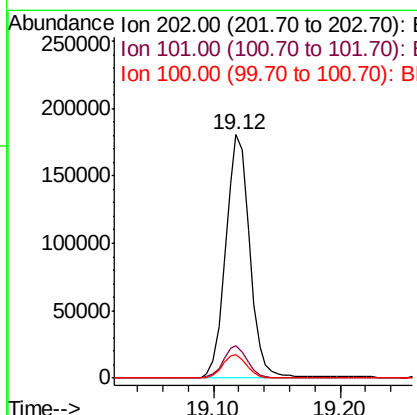
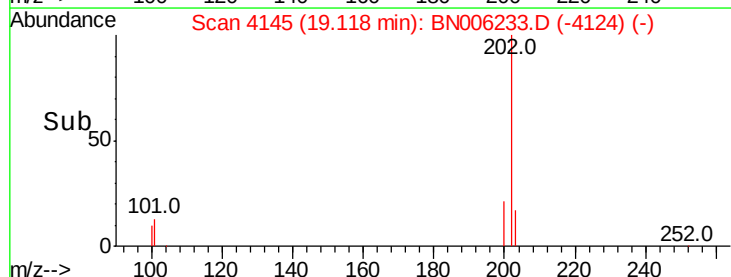
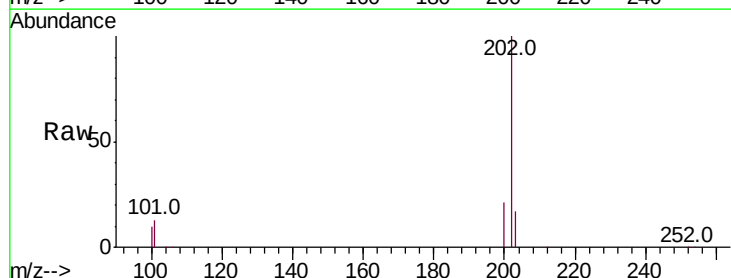
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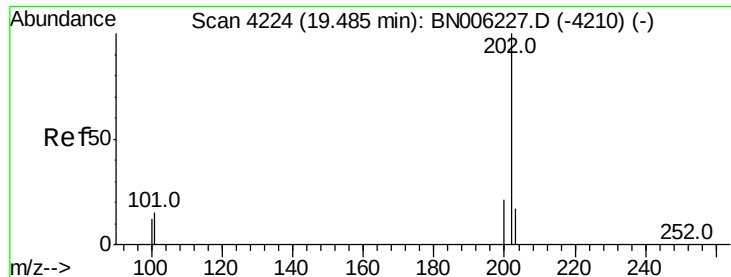
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#15
 Fluoranthene
 Concen: 5.107 ng/ul m
 RT: 19.12 min Scan# 4145
 Delta R.T. -0.00 min
 Lab File: BN006233.D
 Acq: 10 Jun 2019 21:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	32.1
100	9.8	0.0	28.7





#17

Pvrene

Concen: 2.880 ng/ul

RT: 19.49 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN006233.D

Acq: 10 Jun 2019 21:10

Instrument :

BNA_N

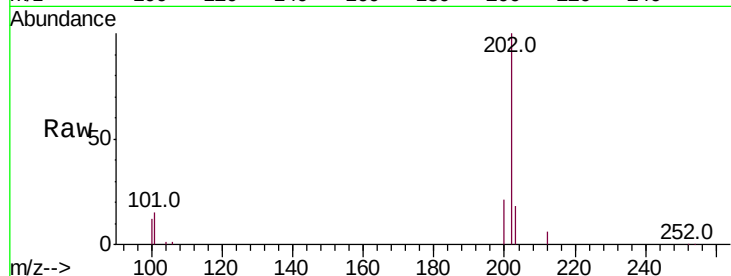
ClientSampleId :

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Tot Ion:	202	Resp:	186858
Ion Ratio	Lower	Upper	
202	100		
101	15.4	12.2	18.2
100	12.2	9.8	14.6

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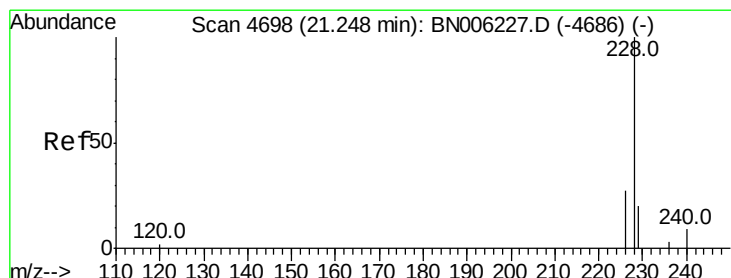
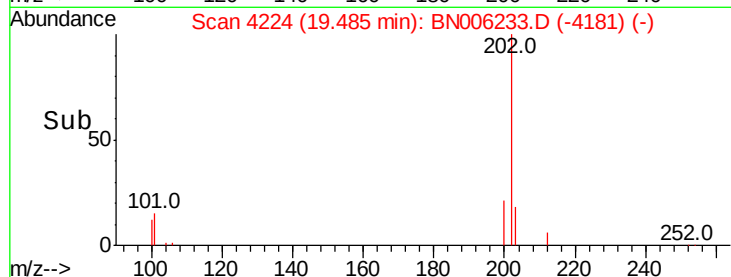
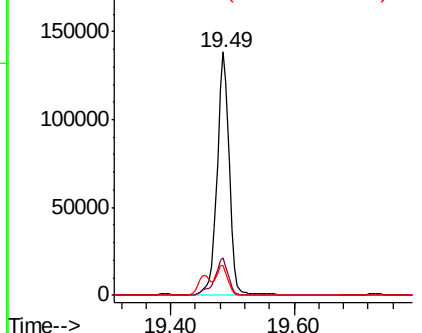
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 1.637 ng/ul m

RT: 21.25 min Scan# 4698

Delta R.T. -0.00 min

Lab File: BN006233.D

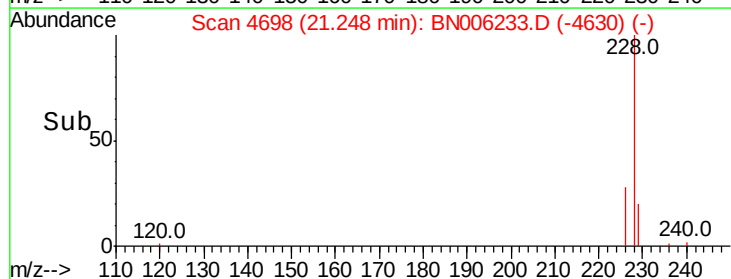
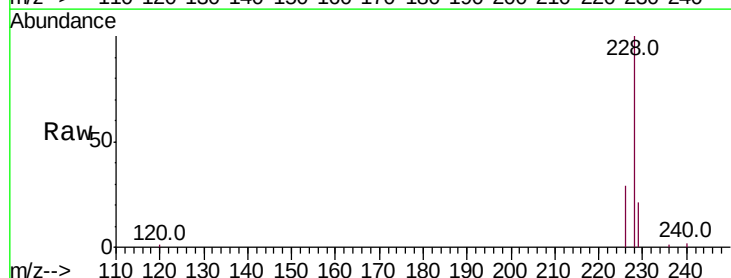
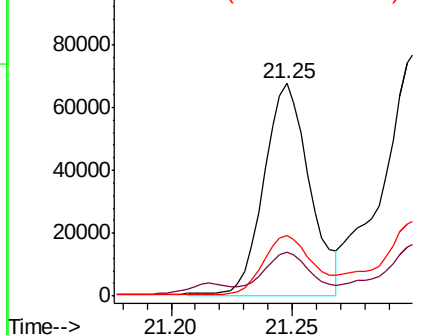
Acq: 10 Jun 2019 21:10

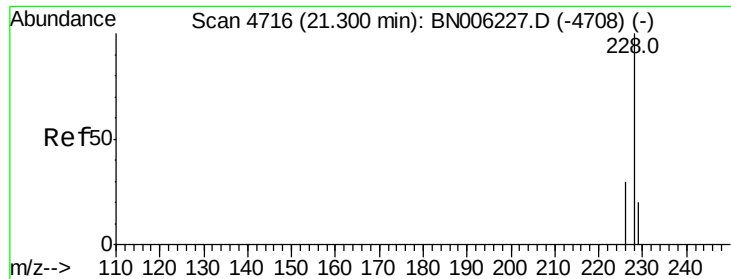
Tgt Ion:	228	Resp:	89181
Ion Ratio	Lower	Upper	
228	100		
229	20.8	16.5	24.7
226	28.8	22.8	34.2

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: 2.292 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. -0.00 min

Lab File: BN006233.D

Acq: 10 Jun 2019 21:10

Instrument :

BNA_N

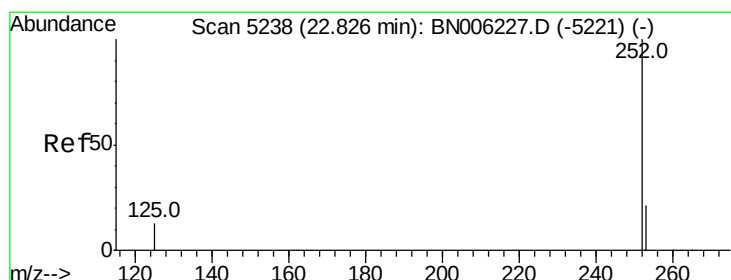
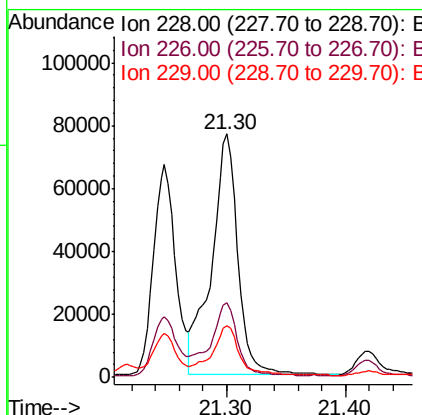
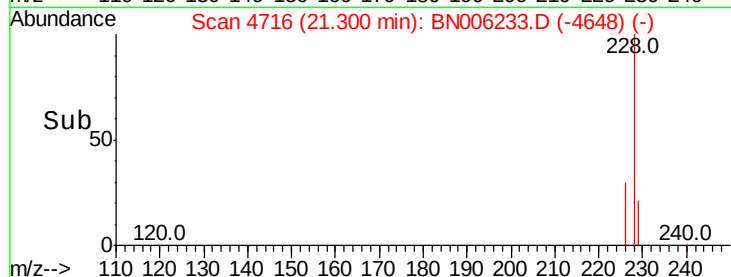
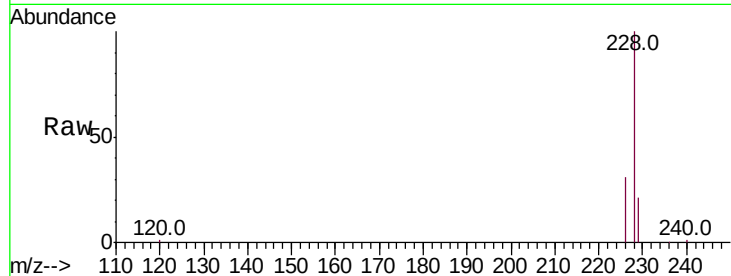
ClientSampled :

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Tot Ion:	228	Resp:	117216
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.0	37.6
229	21.4	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 2.067 ng/ul m

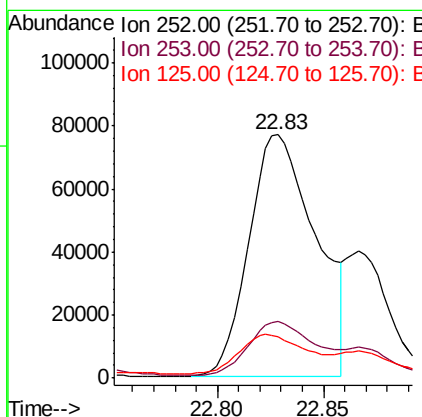
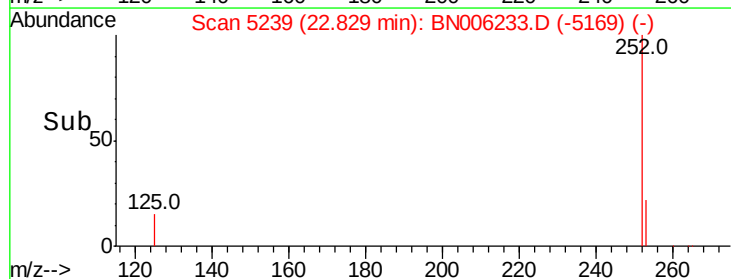
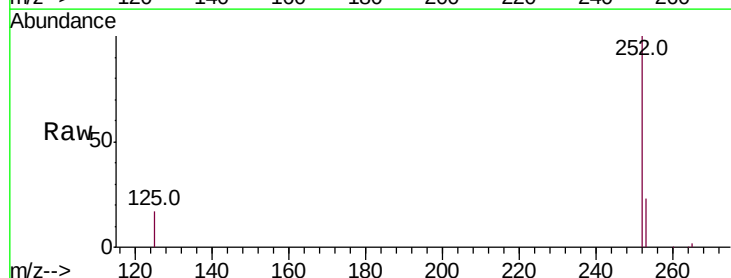
RT: 22.83 min Scan# 5239

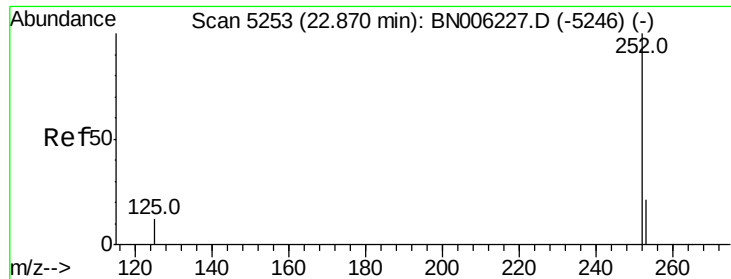
Delta R.T. 0.01 min

Lab File: BN006233.D

Acq: 10 Jun 2019 21:10

Tgt Ion:	252	Resp:	167568
Ion Ratio	Lower	Upper	
252	100		
253	23.5	0.0	51.4
125	17.1	0.0	41.0





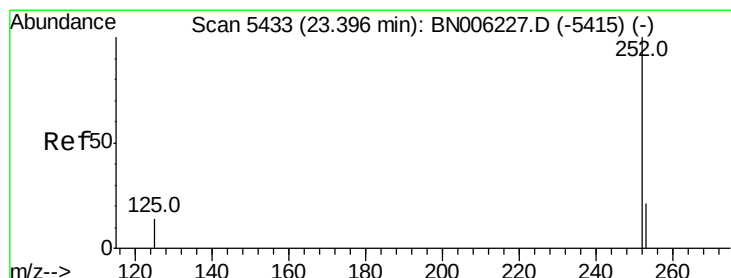
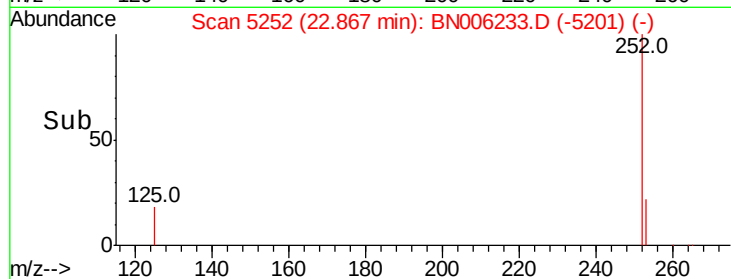
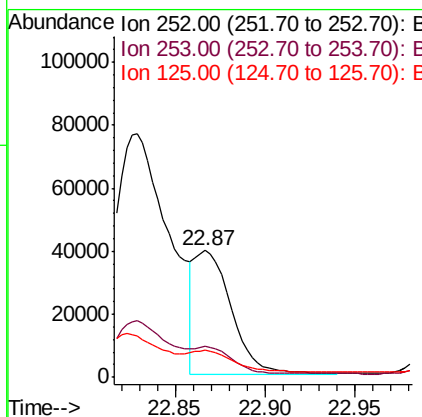
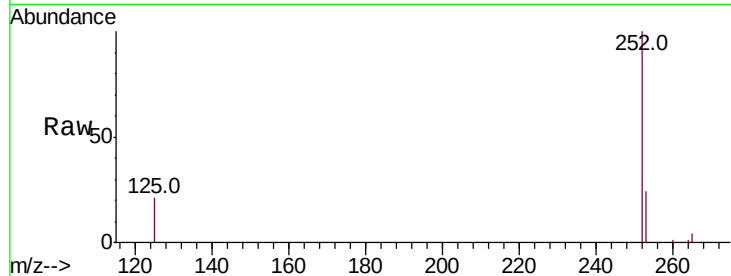
#22
Benzo(k)fluoranthene
Concen: 0.706 ng/ul m
RT: 22.87 min Scan# 5252
Delta R.T. -0.00 min
Lab File: BN006233.D
Acq: 10 Jun 2019 21:10

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.3	30.5
125	21.1	14.3	21.5

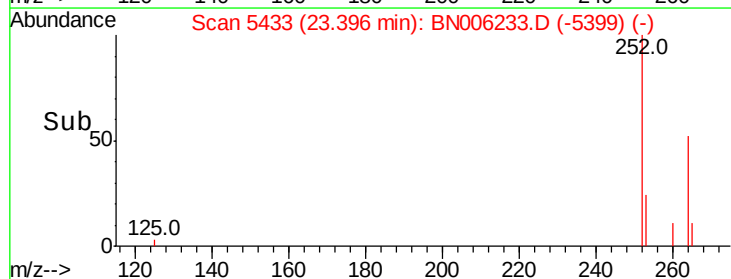
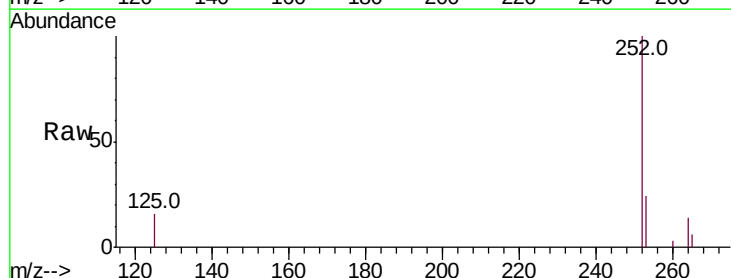
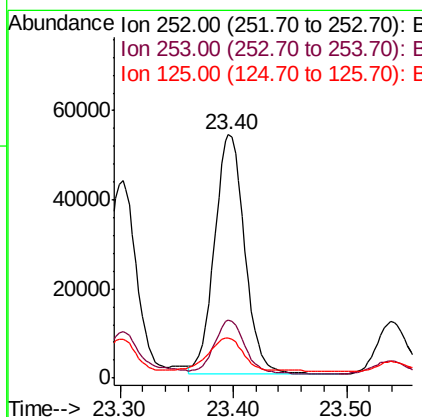
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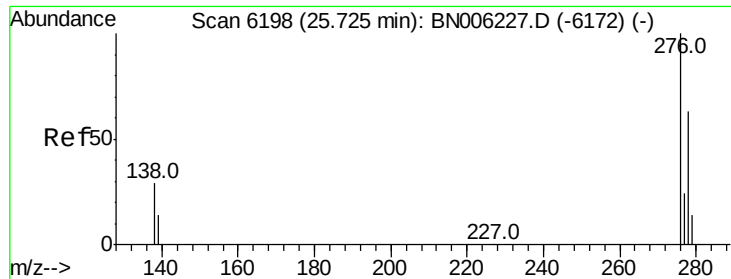
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#23
Benzo(a)pyrene
Concen: 1.314 ng/ul
RT: 23.40 min Scan# 5433
Delta R.T. -0.00 min
Lab File: BN006233.D
Acq: 10 Jun 2019 21:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	21.1	31.7
125	16.2	20.3	30.5#





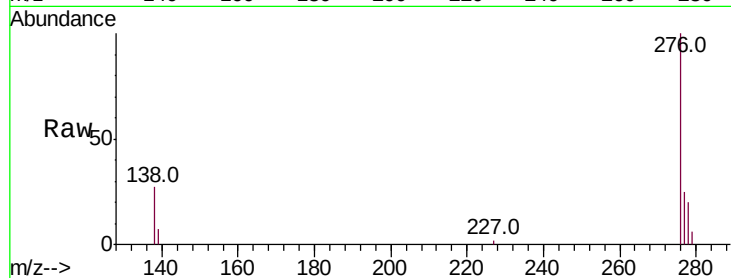
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.005 ng/ul
 RT: 25.72 min Scan# 6198
 Delta R.T. -0.00 min
 Lab File: BN006233.D
 Acq: 10 Jun 2019 21:10

Instrument :
 BNA_N
 ClientSampleId :
 A51F1

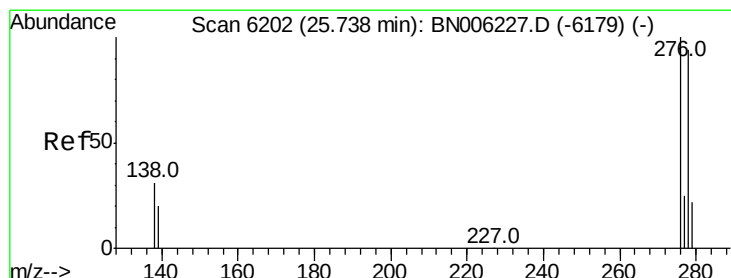
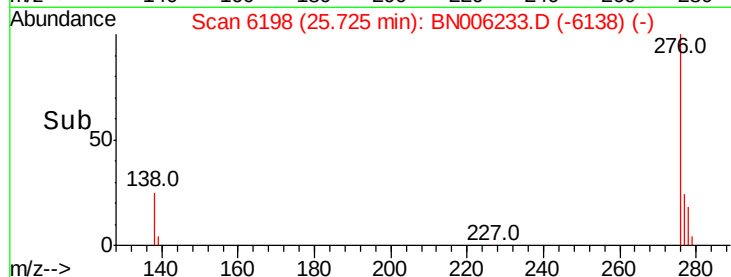
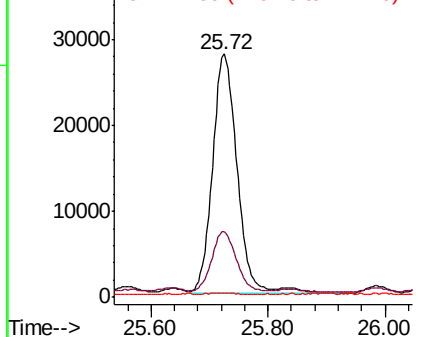
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	25.6	38.4#
227	0.0	0.3	0.5#

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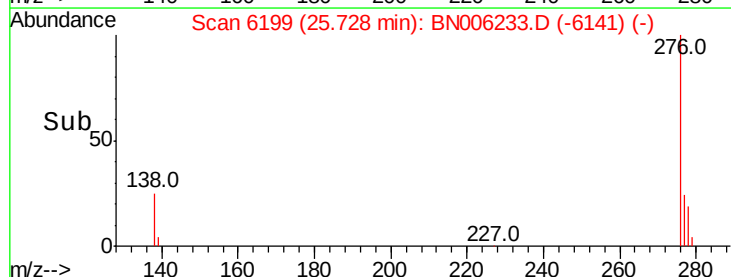
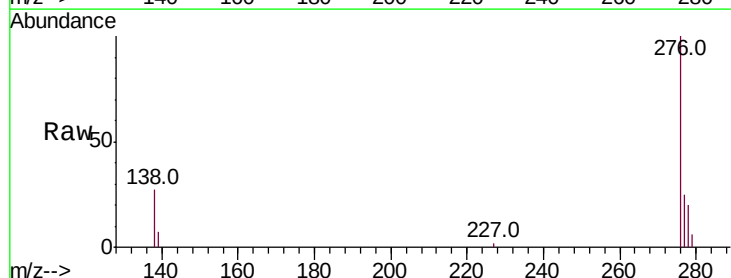
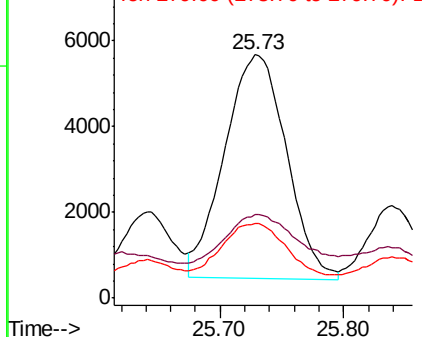
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

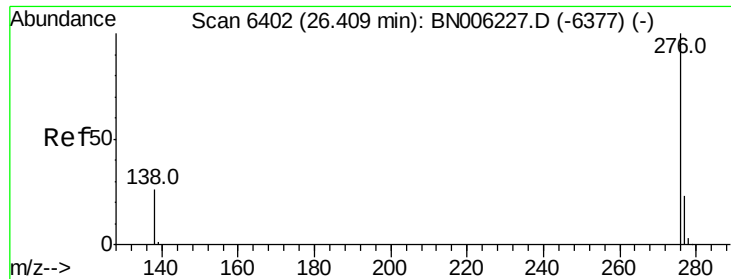


#25
 Dibenzo(a,h)anthracene
 Concen: 0.277 ng/ul
 RT: 25.73 min Scan# 6199
 Delta R.T. -0.01 min
 Lab File: BN006233.D
 Acq: 10 Jun 2019 21:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	34.2	21.2	31.8#
279	30.5	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: 1.048 ng/ul
 RT: 26.41 min Scan# 6402
 Delta R.T. 0.01 min
 Lab File: BN006233.D
 Acq: 10 Jun 2019 21:10

Instrument :
 BNA_N
 ClientSampleId :
 A51F1

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.3	24.2	36.4
277	24.9	21.5	32.3

Manual Integrations
 APPROVED

mohammad
 6/11/2019 4:28:49 PM

