

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006255.D
 Acq On : 11 Jun 2019 20:22
 Operator : JU/SJ
 Sample : K3083-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51F8

Manual Integrations
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mohammad
 6/12/2019 8:19:07 AM

Quant Time: Jun 12 02:26:48 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 : 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	7.64	152	6312	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	25085	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	12773	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	23477m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	14008m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	21526	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	7177	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	11883m	0.19	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	6847	0.096	ng/ul	96
8) Acenaphthene	14.36	153	2410	0.049	ng/ul	98
9) Fluorene	15.35	166	3985	0.069	ng/ul#	95
12) Phenanthrene	17.09	178	192160m	2.550	ng/ul	
13) Anthracene	17.18	178	15826m	0.220	ng/ul	
15) Fluoranthene	19.12	202	662596m	7.962	ng/ul	
17) Pyrene	19.49	202	496902	6.734	ng/ul	100
18) Benzo(a)anthracene	21.25	228	181427m	2.928	ng/ul	
19) Chrysene	21.30	228	282493	4.857	ng/ul	99
21) Benzo(b)fluoranthene	22.83	252	396969m	4.423	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	134671m	1.540	ng/ul	
23) Benzo(a)pyrene	23.40	252	226816	2.713	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.73	276	204298	2.258	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.73	278	43272	0.598	ng/ul	98
26) Benzo(g,h,i)perylene	26.41	276	174156	2.298	ng/ul	94

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

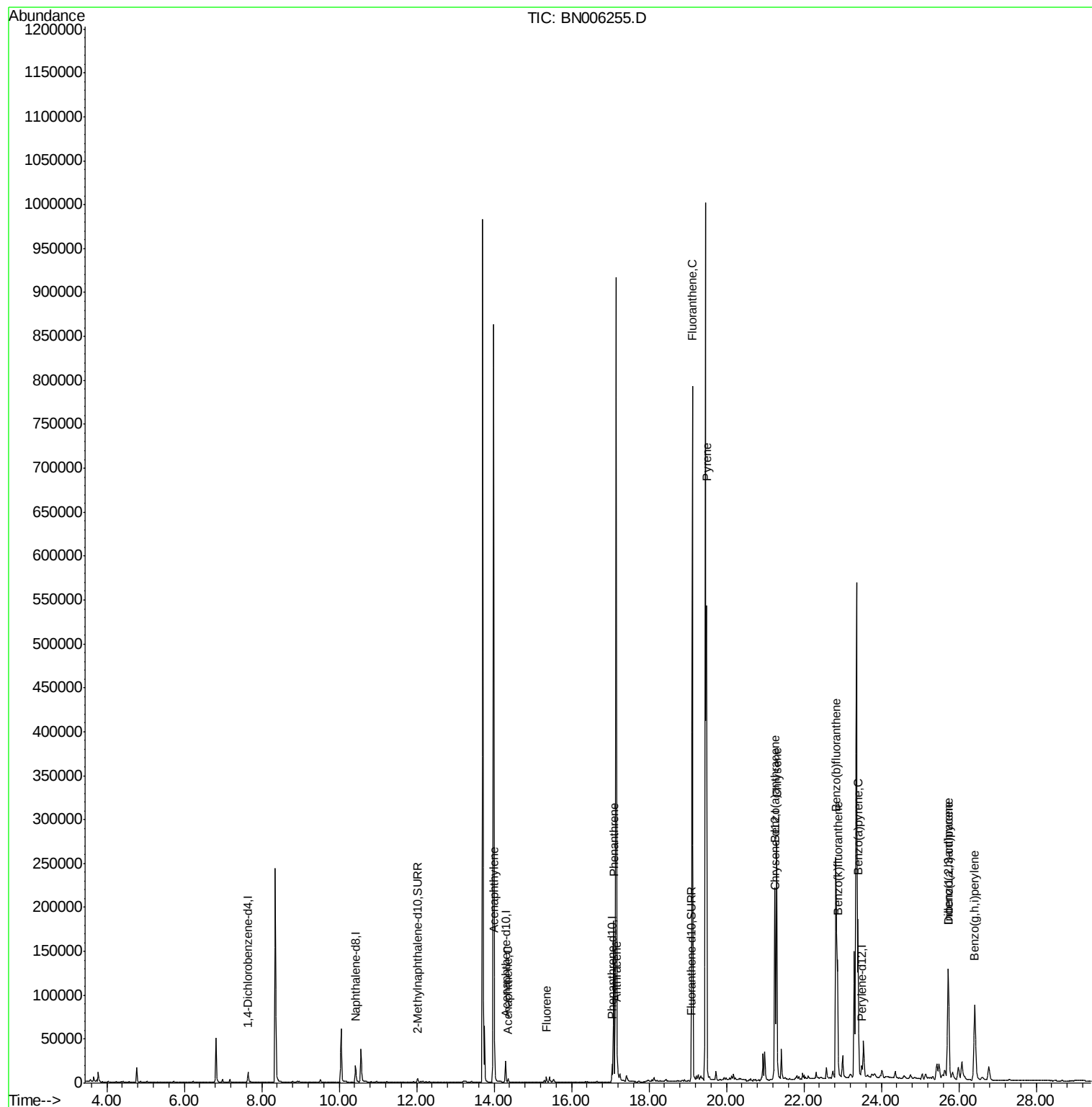
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
Data File : BN006255.D
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Sample : K3083-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

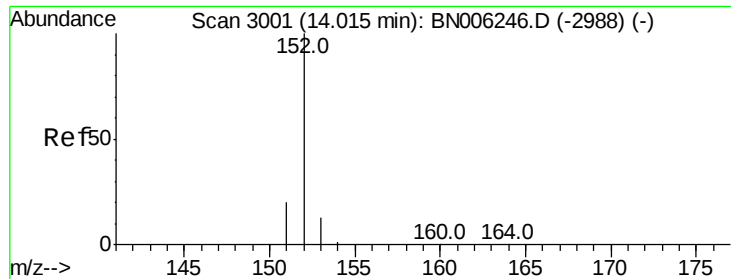
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
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QLast Update : Sun Jun 09 05:10:30 2019
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#7

Acenaphthylene

Concen: 0.096 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. 0.00 min

Lab File: BN006255.D

Acq: 11 Jun 2019 20:22

Instrument :

BNA_N

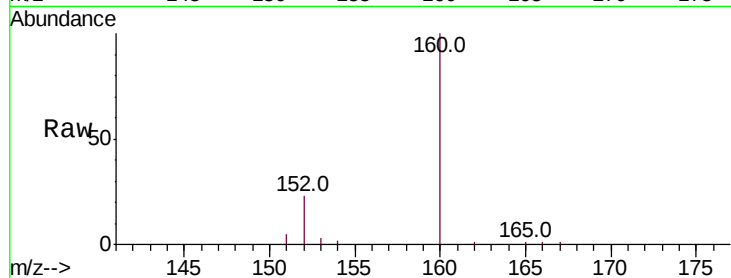
ClientSampleId :

A51F8

Tot Ion:	152	Resp:	6847
Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.8	23.8
153	15.2	10.8	16.2

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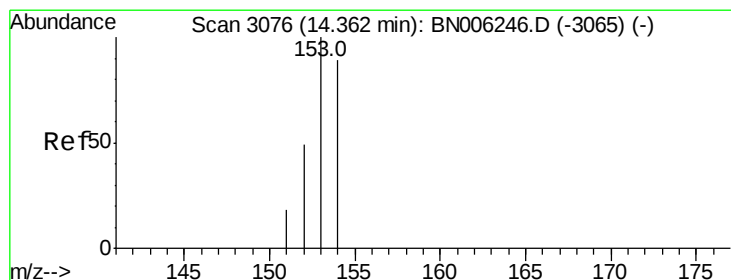
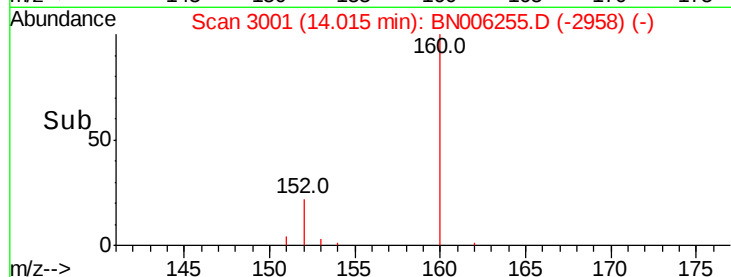
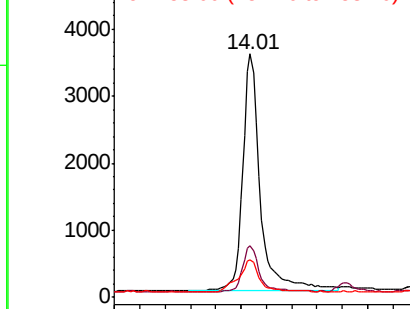


Abundance

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: 0.049 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BN006255.D

Acq: 11 Jun 2019 20:22

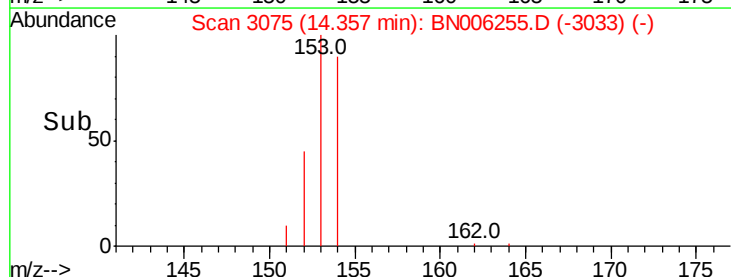
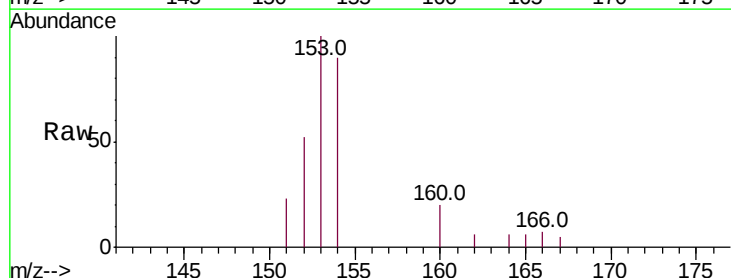
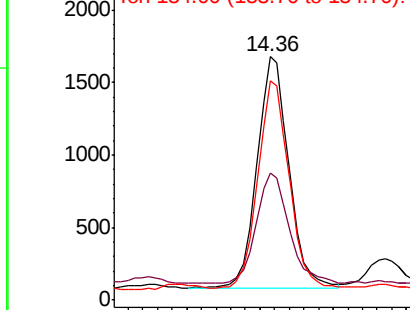
Tgt Ion:	153	Resp:	2410
Ion	Ratio	Lower	Upper
153	100		
152	52.3	39.1	58.7
154	89.9	71.1	106.7

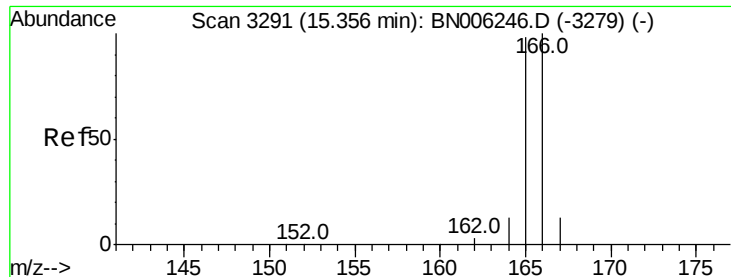
Abundance

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: 0.069 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. 0.00 min

Lab File: BN006255.D

Acq: 11 Jun 2019 20:22

Instrument :

BNA_N

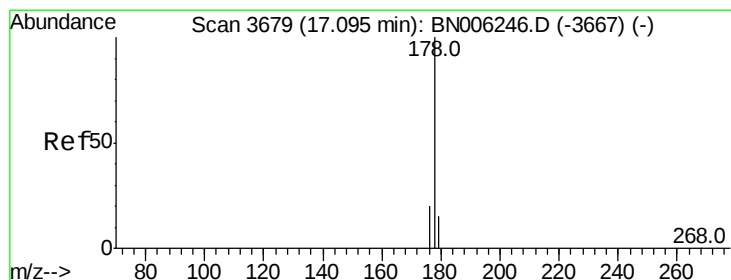
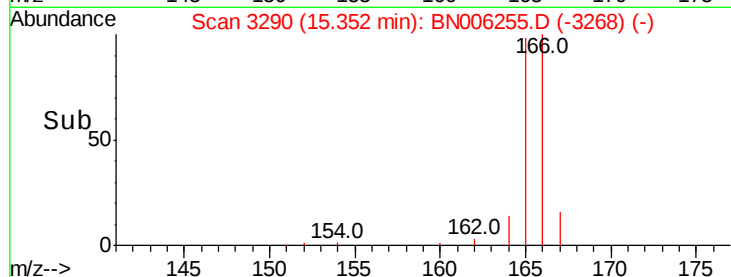
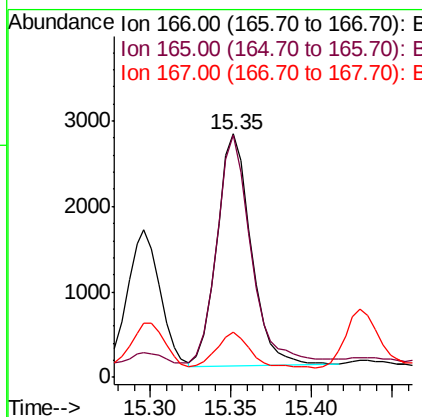
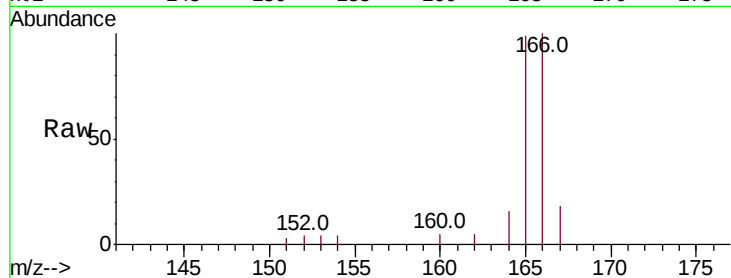
ClientSampleId :

A51F8

Tot Ion:	166	Resp:	3985
Ion Ratio	Lower	Upper	
166	100		
165	99.3	76.4	114.6
167	18.4	11.0	16.6#

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#12

Phenanthrene

Concen: 2.550 ng/ul m

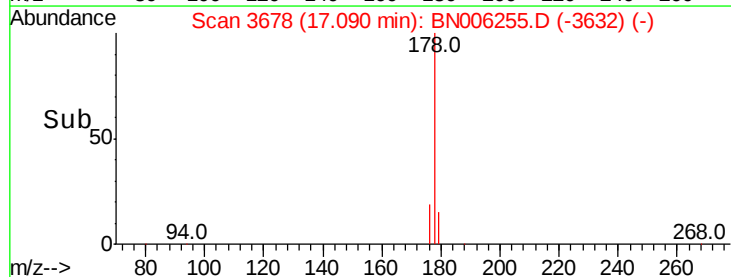
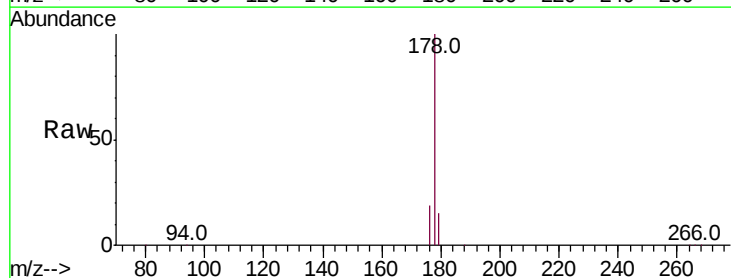
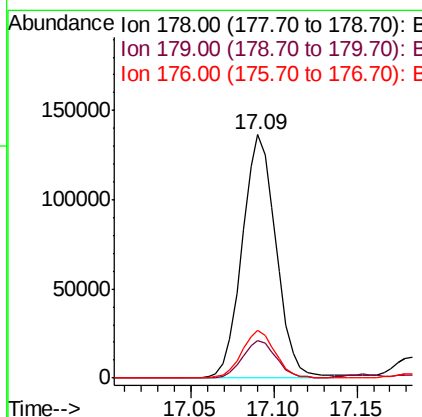
RT: 17.09 min Scan# 3678

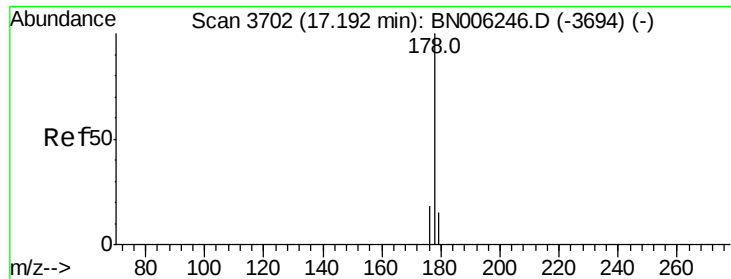
Delta R.T. -0.00 min

Lab File: BN006255.D

Acq: 11 Jun 2019 20:22

Tgt Ion:	178	Resp:	192160
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.3	18.5
176	19.4	15.3	22.9





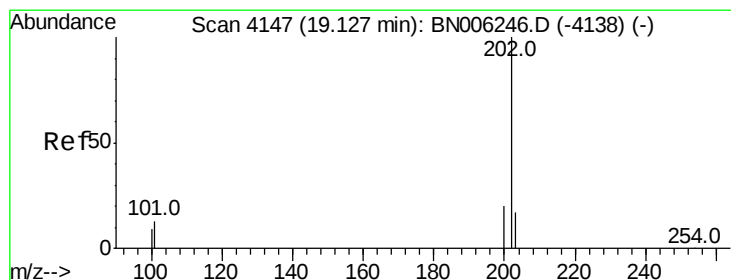
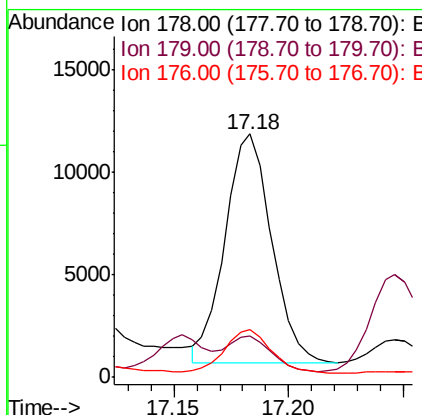
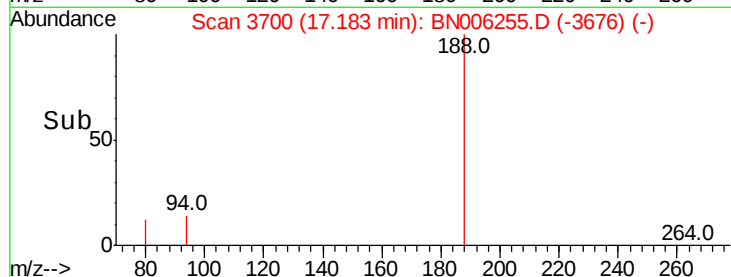
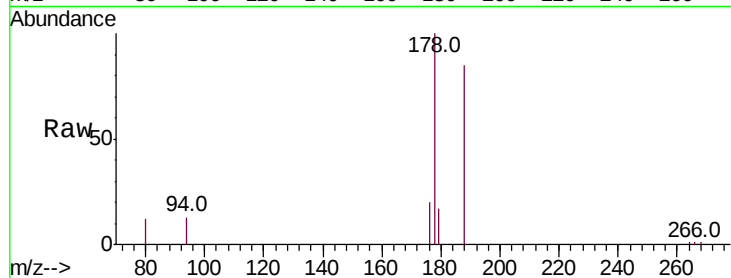
#13
 Anthracene
 Concen: 0.220 ng/ul m
 RT: 17.18 min Scan# 3700
 Delta R.T. 0.00 min
 Lab File: BN006255.D
 Acq: 11 Jun 2019 20:22

Instrument :
 BNA_N
 ClientSampleId :
 A51F8

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.2	18.4
176	19.5	15.1	22.7

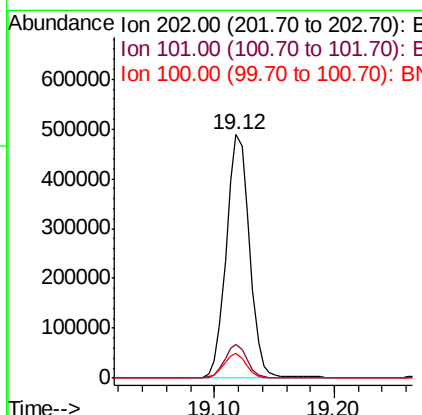
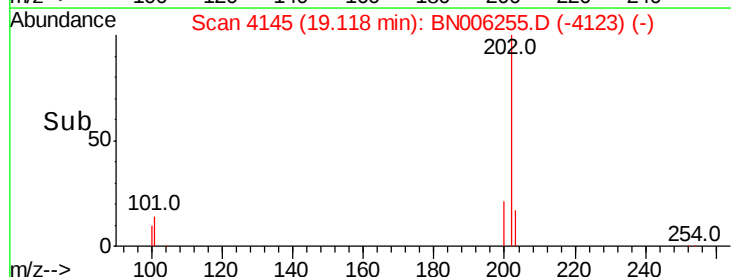
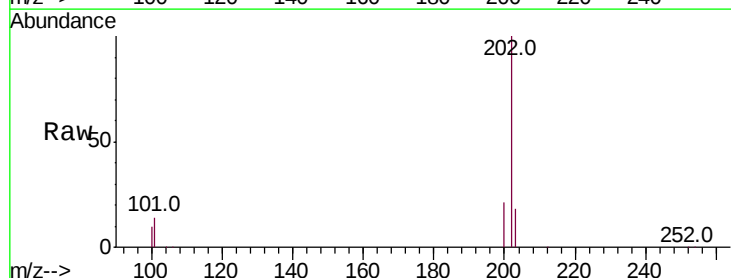
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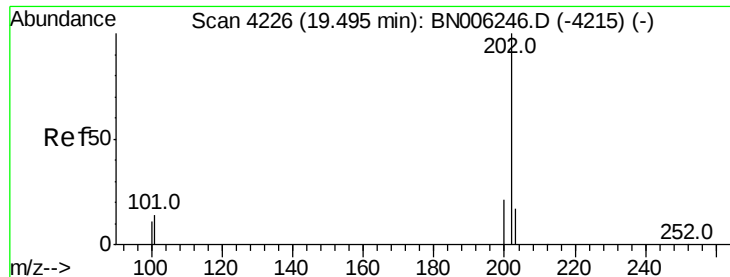
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#15
 Fluoranthene
 Concen: 7.962 ng/ul m
 RT: 19.12 min Scan# 4145
 Delta R.T. 0.00 min
 Lab File: BN006255.D
 Acq: 11 Jun 2019 20:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	32.1
100	10.2	0.0	28.7





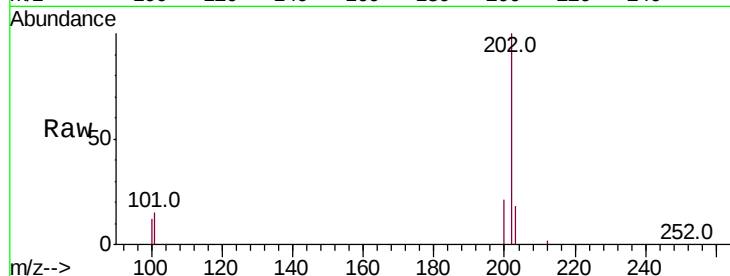
#17
Pvrene
Concen: 6.734 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. 0.00 min
Lab File: BN006255.D
Acq: 11 Jun 2019 20:22

Instrument :
BNA_N
ClientSampled :
A51F8

Tot Ion	Ratio	Resp	Lower	Upper
202	100	496902		
101	15.3	12.2	18.2	
100	12.0	9.8	14.6	

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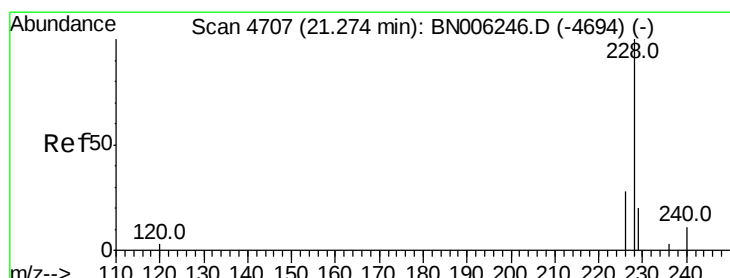
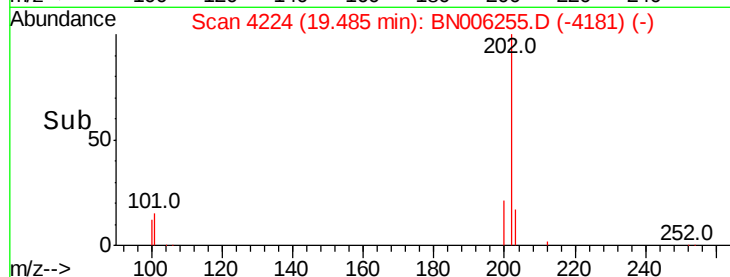
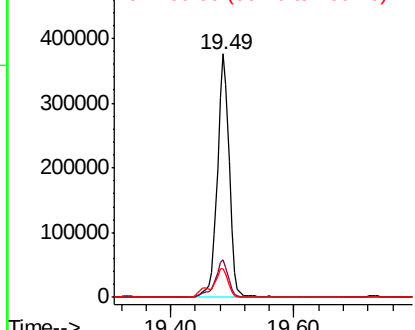


Abundance

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): E



#18
Benzo(a)anthracene
Concen: 2.928 ng/ul m
RT: 21.25 min Scan# 4698
Delta R.T. 0.00 min
Lab File: BN006255.D
Acq: 11 Jun 2019 20:22

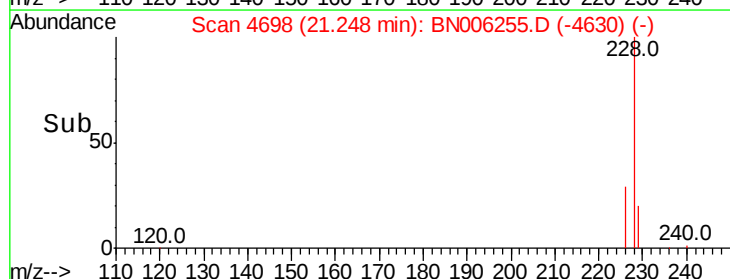
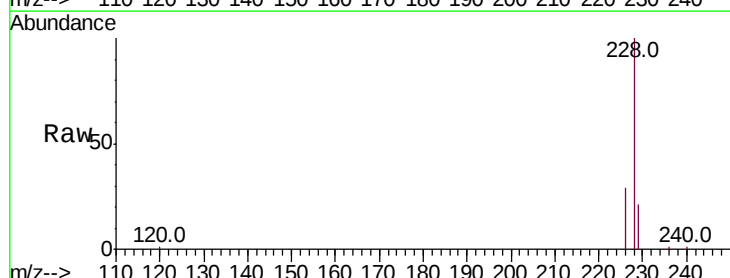
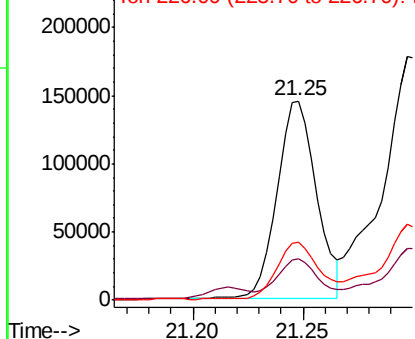
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	181427		
229	20.9	16.5	24.7	
226	29.0	22.8	34.2	

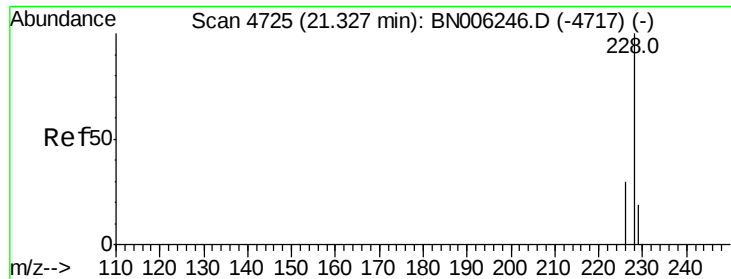
Abundance

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: 4.857 ng/ul

RT: 21.30 min Scan# 4715

Delta R.T. -0.00 min

Lab File: BN006255.D

Acq: 11 Jun 2019 20:22

Instrument :

BNA_N

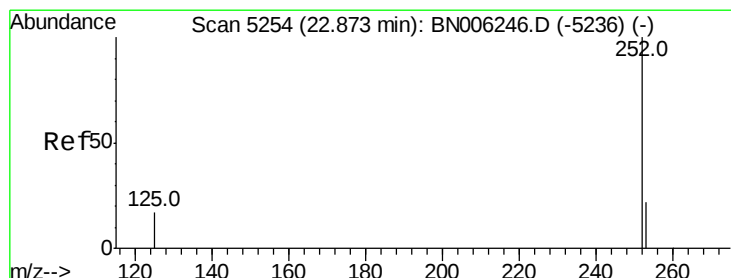
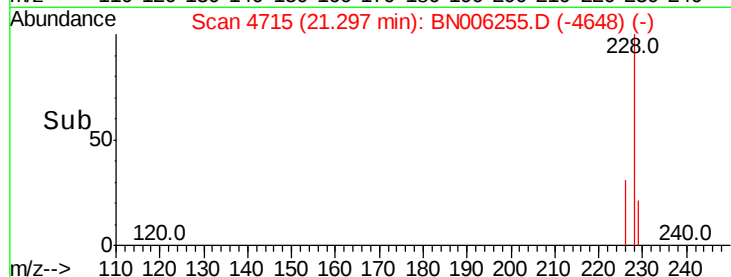
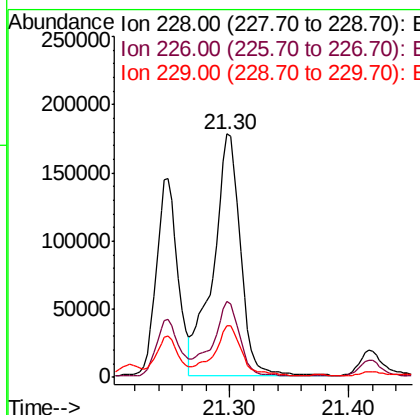
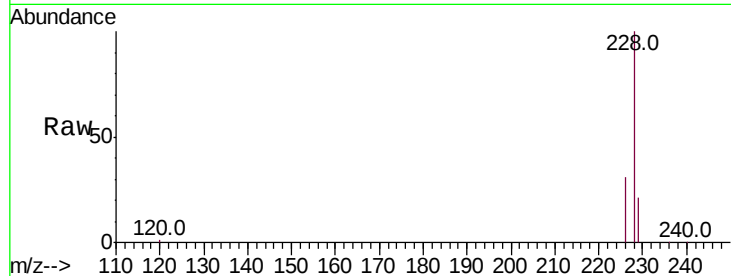
ClientSampleId :

A51F8

Tot Ion:	228	Resp:	282493
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.0	37.6
229	21.0	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 4.423 ng/ul m

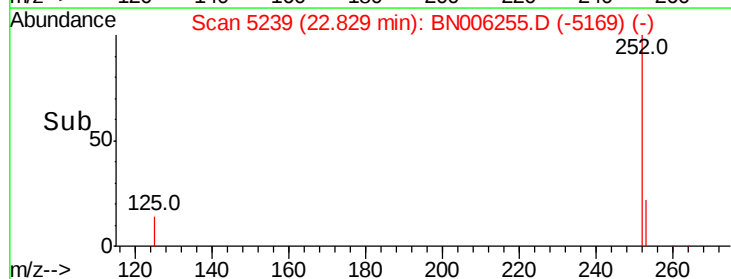
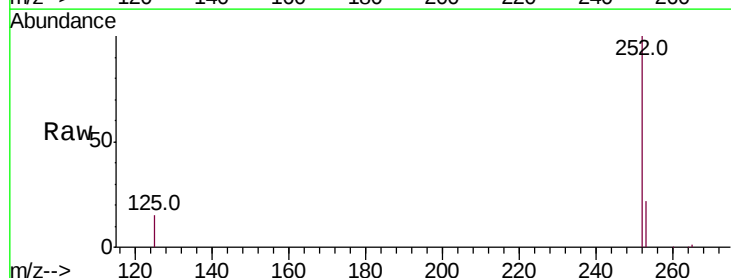
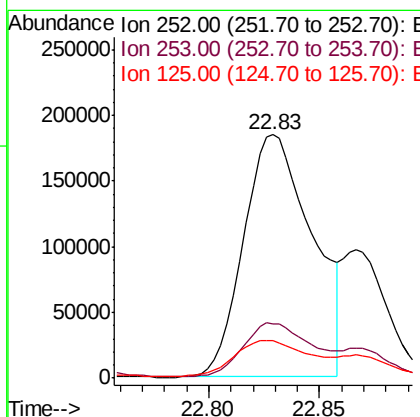
RT: 22.83 min Scan# 5239

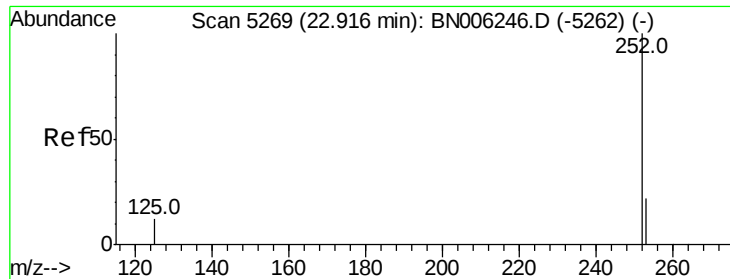
Delta R.T. 0.01 min

Lab File: BN006255.D

Acq: 11 Jun 2019 20:22

Tgt Ion:	252	Resp:	396969
Ion Ratio	Lower	Upper	
252	100		
253	22.5	0.0	51.4
125	15.3	0.0	41.0





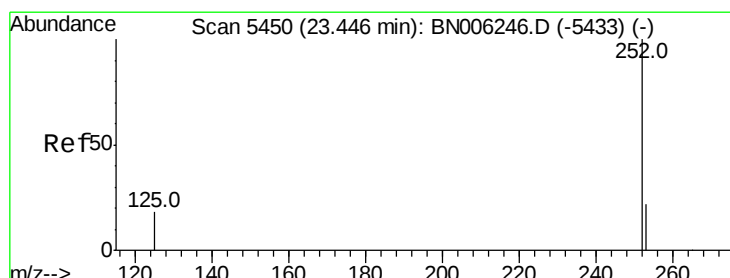
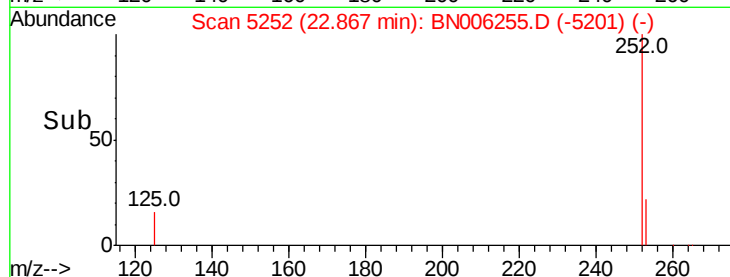
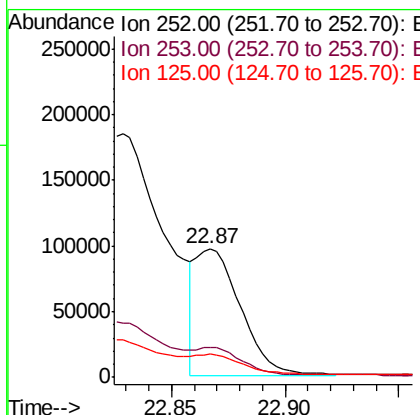
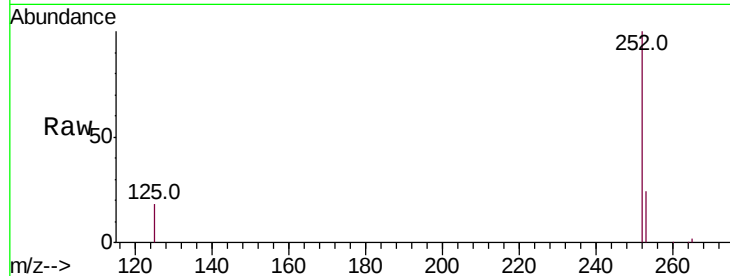
#22
Benzo(k)fluoranthene
Concen: 1.540 ng/ul m
RT: 22.87 min Scan# 5252
Delta R.T. 0.00 min
Lab File: BN006255.D
Acq: 11 Jun 2019 20:22

Instrument :
BNA_N
ClientSampled :
A51F8

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.3	30.5
125	18.0	14.3	21.5

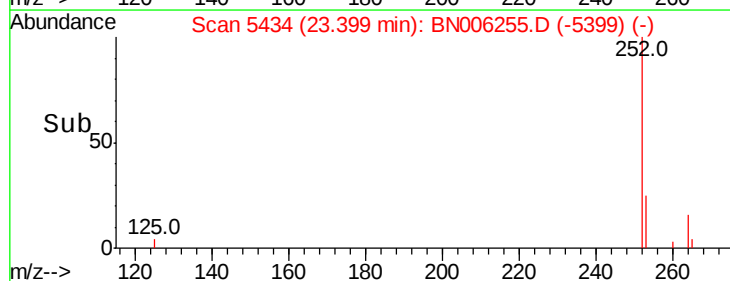
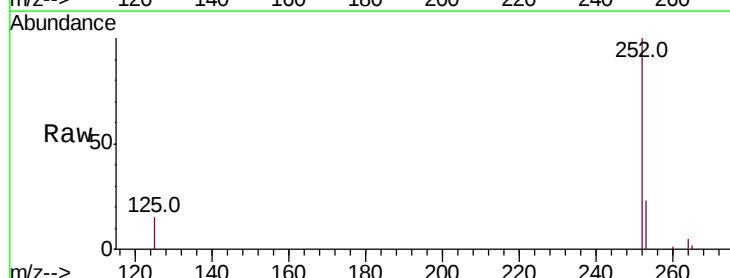
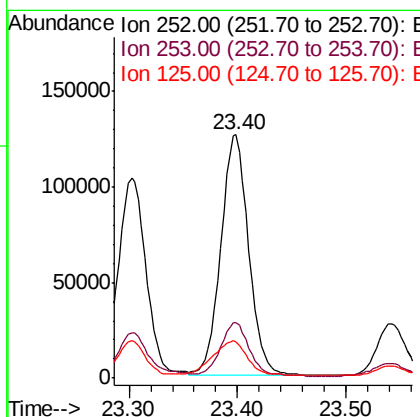
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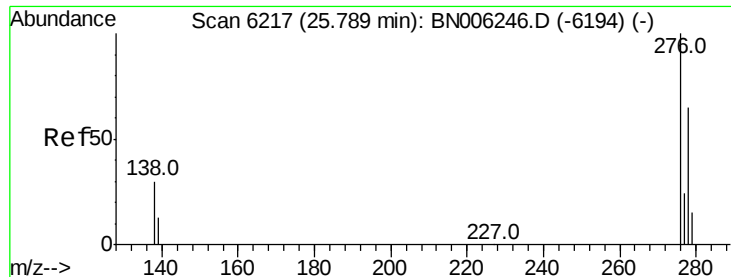
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#23
Benzo(a)pyrene
Concen: 2.713 ng/ul
RT: 23.40 min Scan# 5434
Delta R.T. 0.00 min
Lab File: BN006255.D
Acq: 11 Jun 2019 20:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	21.1	31.7
125	14.9	20.3	30.5#





#24

Indeno(1,2,3-cd)pyrene

Concen: 2.258 ng/ul

RT: 25.73 min Scan# 6199

Delta R.T. 0.00 min

Lab File: BN006255.D

Acq: 11 Jun 2019 20:22

Instrument :

BNA_N

ClientSampleId :

A51F8

Tot Ion:276 Resp: 204298

Ion Ratio Lower Upper

276 100

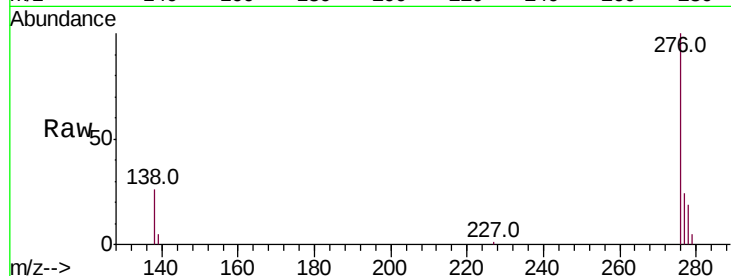
138 24.5 25.6 38.4#

227 0.1 0.3 0.5#

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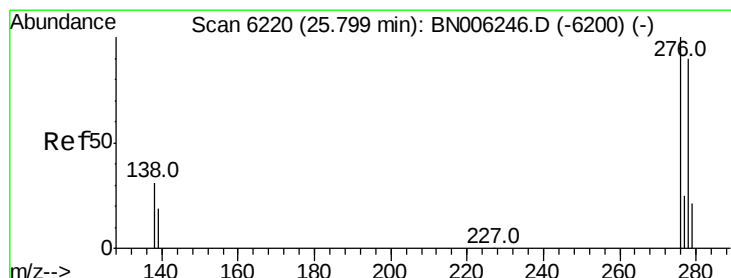
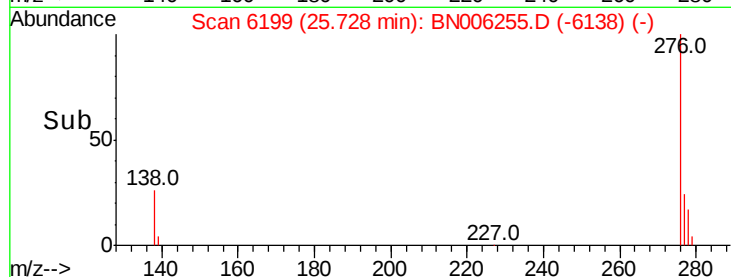
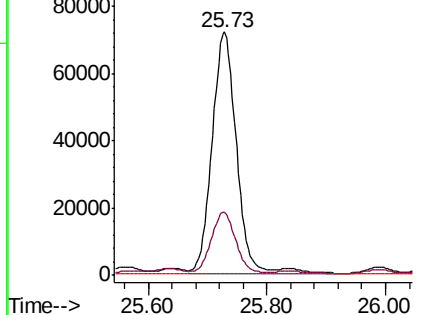
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25

Dibenzo(a,h)anthracene

Concen: 0.598 ng/ul

RT: 25.73 min Scan# 6200

Delta R.T. -0.00 min

Lab File: BN006255.D

Acq: 11 Jun 2019 20:22

Tgt Ion:278 Resp: 43272

Ion Ratio Lower Upper

278 100

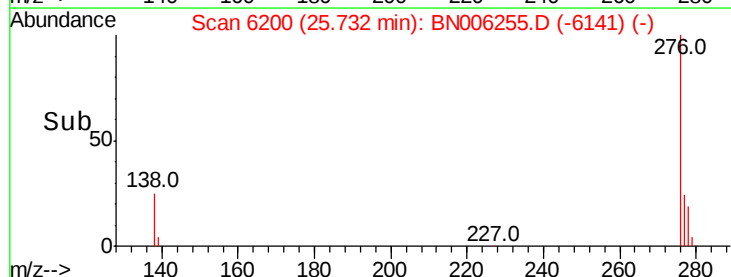
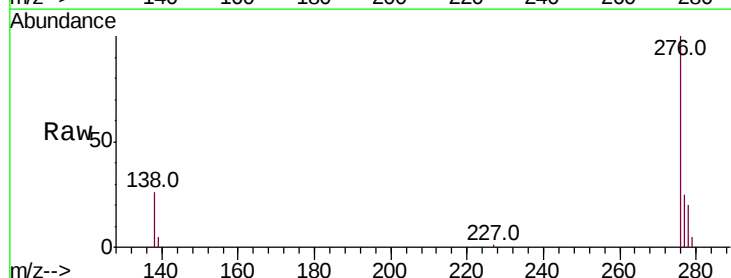
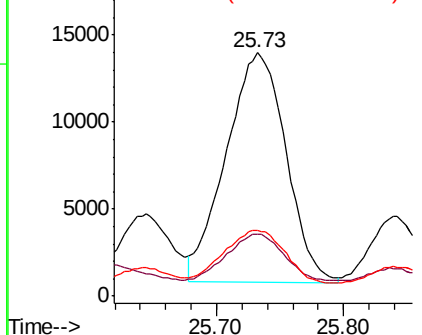
139 25.6 21.2 31.8

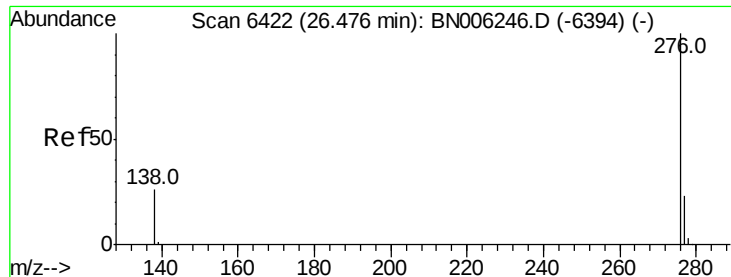
279 27.0 22.6 33.8

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: 2.298 ng/ul

RT: 26.41 min Scan# 6403

Delta R.T. 0.01 min

Lab File: BN006255.D

Acq: 11 Jun 2019 20:22

Instrument :

BNA_N

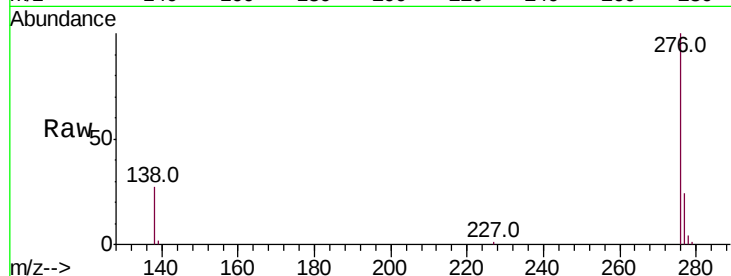
ClientSampleId :

A51F8

Tot Ion:	276	Resp:	174156
Ion Ratio	Lower	Upper	
276	100		
138	27.0	24.2	36.4
277	24.1	21.5	32.3

Manual Integrations
APPROVED

mohammad
6/12/2019 8:19:07 AM



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

