

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006277.D
 Acq On : 12 Jun 2019 12:30
 Operator : JU/SJ
 Sample : K3083-06DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51F9DL

Manual Integrations
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mohammad
 6/14/2019 8:33:37 AM

Quant Time: Jun 12 14:46:59 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	4432	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	17064	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	8417	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	15853	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	11078	0.40	ng/ul	0.01
20) Perylene-d12	23.52	264	15038	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	904	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	1712	0.04	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	2269	0.048	ng/ul#	88
8) Acenaphthene	14.36	153	6082	0.187	ng/ul	99
9) Fluorene	15.35	166	10104	0.266	ng/ul	98
12) Phenanthrene	17.09	178	273542	5.375	ng/ul	100
13) Anthracene	17.18	178	40661	0.837	ng/ul	99
15) Fluoranthene	19.12	202	531362	9.456	ng/ul	99
17) Pyrene	19.49	202	407215	6.979	ng/ul	99
18) Benzo(a)anthracene	21.26	228	152970	3.122	ng/ul	99
19) Chrysene	21.31	228	176888	3.846	ng/ul	98
21) Benzo(b)fluoranthene	22.85	252	218928m	3.491	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	85098m	1.393	ng/ul	
23) Benzo(a)pyrene	23.42	252	141828	2.429	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.76	276	105900	1.675	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.76	278	22829	0.452	ng/ul	99
26) Benzo(g,h,i)perylene	26.44	276	92604	1.749	ng/ul	95

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

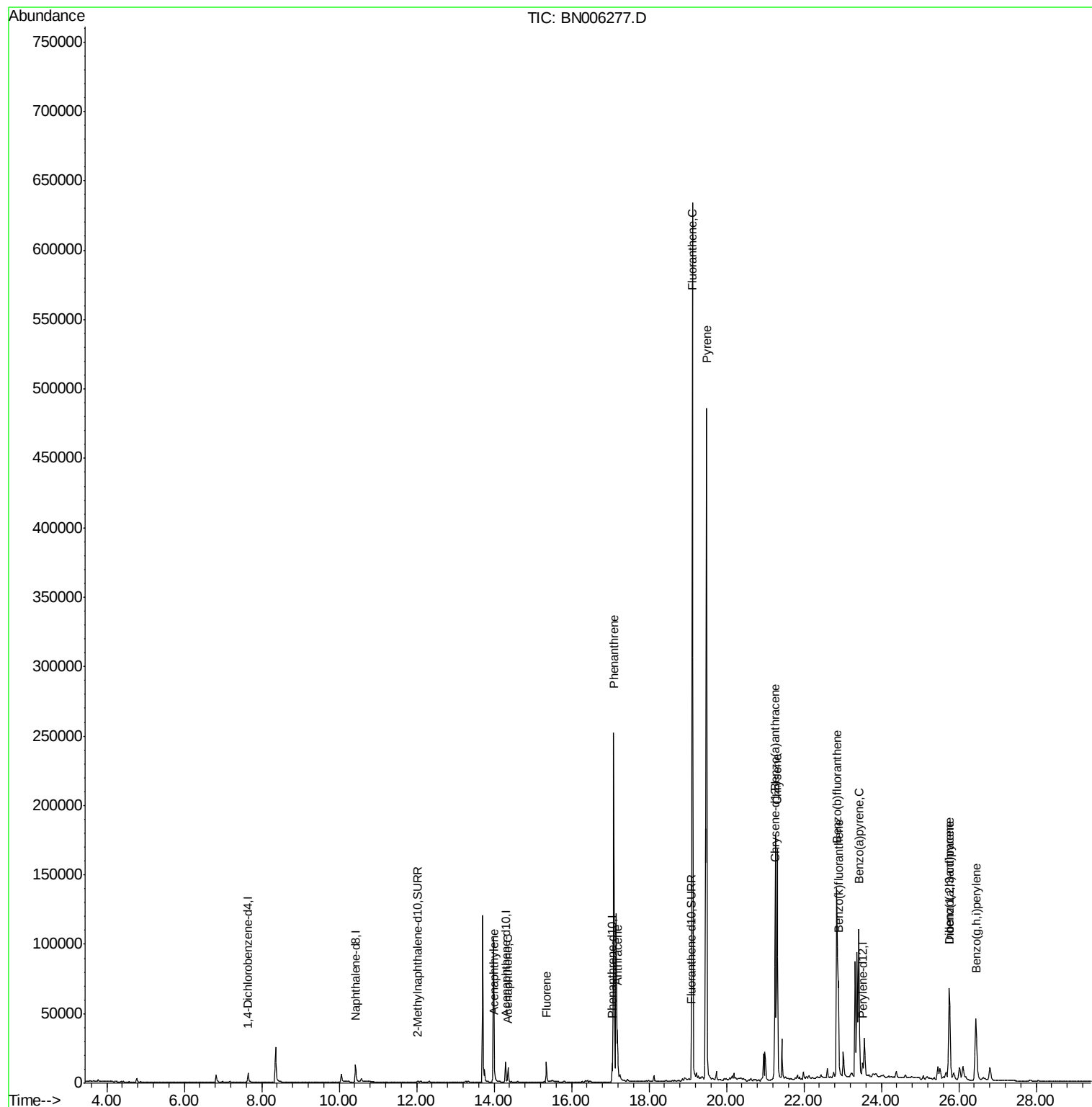
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006277.D
Acq On : 12 Jun 2019 12:30
Operator : JU/SJ
Sample : K3083-06DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

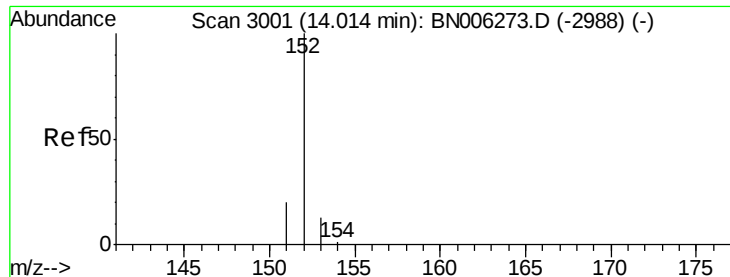
Instrument :
BNA_N
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A51F9DL

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Quant Time: Jun 12 14:46:59 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





#7

Acenaphthylene

Concen: 0.048 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006277.D

Acq: 12 Jun 2019 12:30

Instrument :

BNA_N

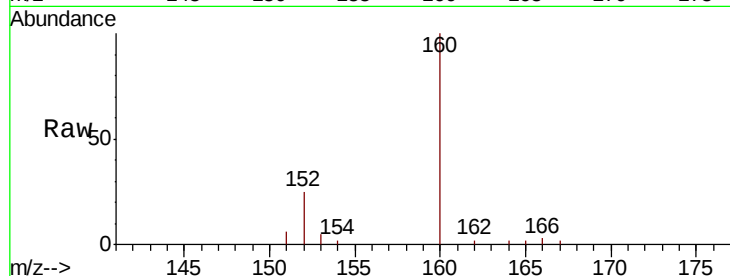
ClientSampleId :

A51F9DL

Tot Ion:	152	Resp:	2269
Ion Ratio	Lower	Upper	
152	100		
151	24.4	15.8	23.8#
153	19.5	10.8	16.2#

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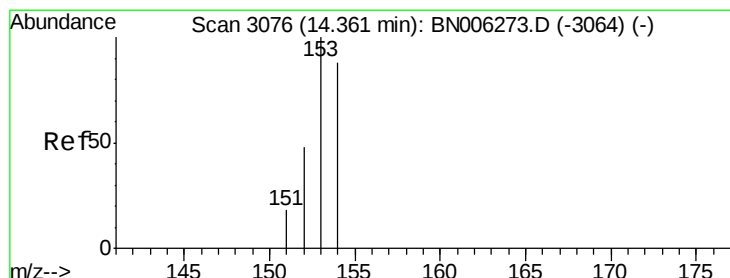
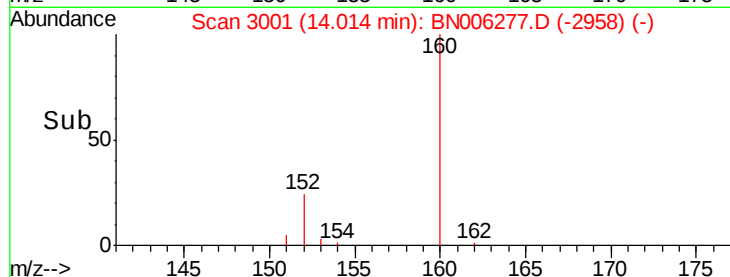
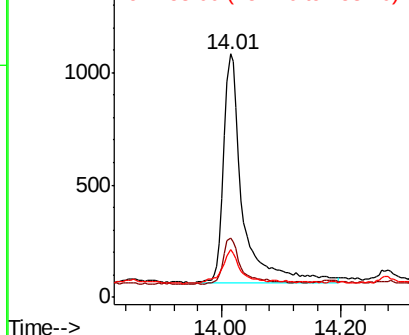


Abundance

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: 0.187 ng/ul

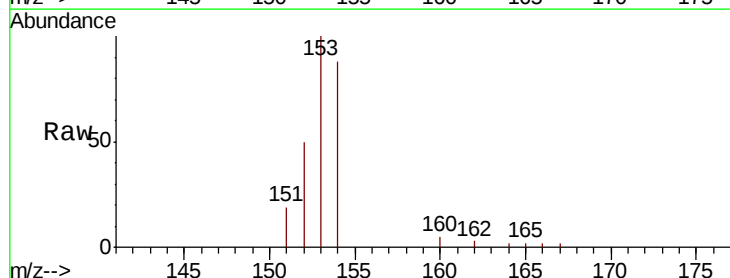
RT: 14.36 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BN006277.D

Acq: 12 Jun 2019 12:30

Tgt Ion:	153	Resp:	6082
Ion Ratio	Lower	Upper	
153	100		
152	49.9	39.1	58.7
154	87.6	71.1	106.7

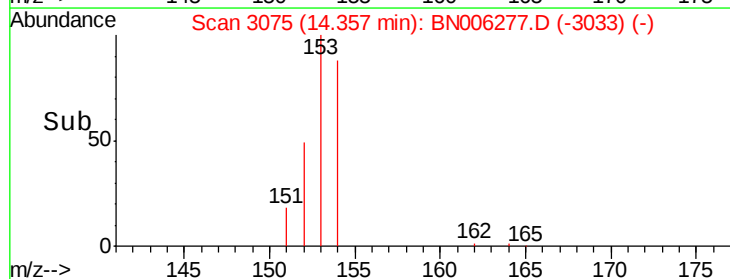
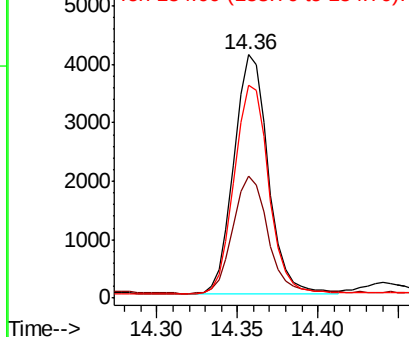


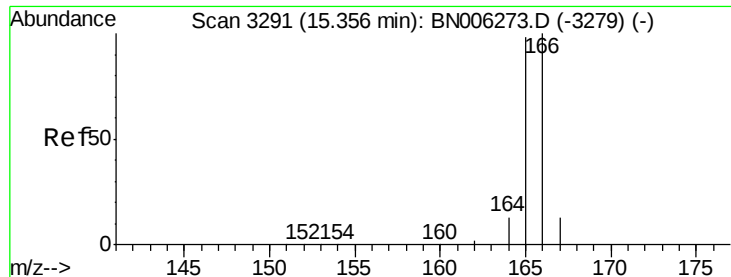
Abundance

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: 0.266 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006277.D

Acq: 12 Jun 2019 12:30

Instrument :

BNA_N

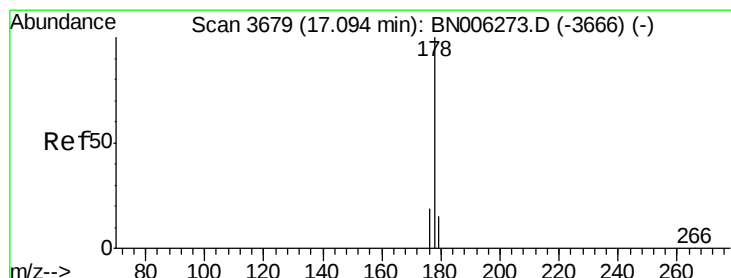
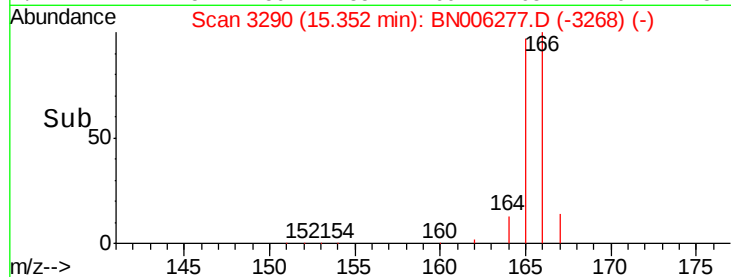
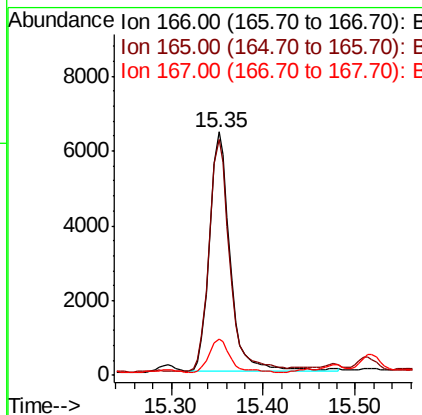
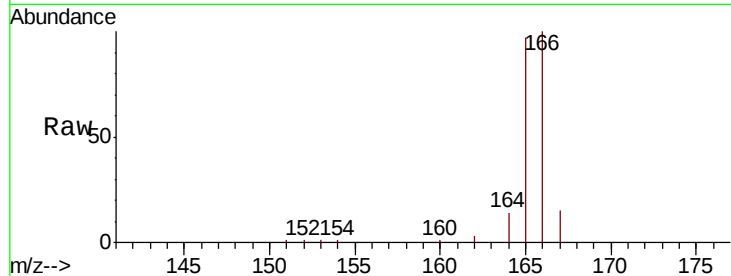
ClientSampleId :

A51F9DL

Tot Ion:	166	Resp:	10104
Ion Ratio	Lower	Upper	
166	100		
165	97.1	76.4	114.6
167	14.9	11.0	16.6

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#12

Phenanthrene

Concen: 5.375 ng/ul

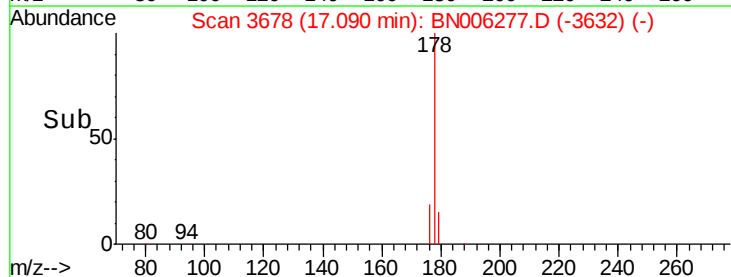
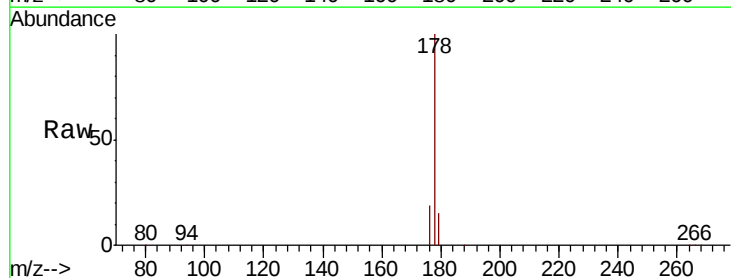
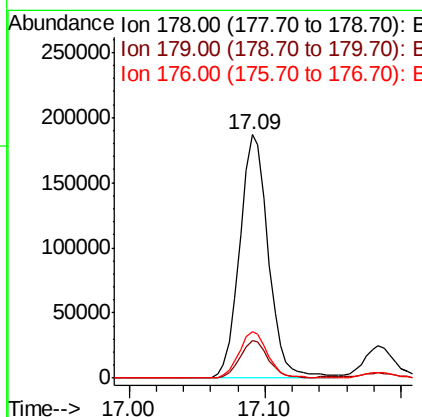
RT: 17.09 min Scan# 3678

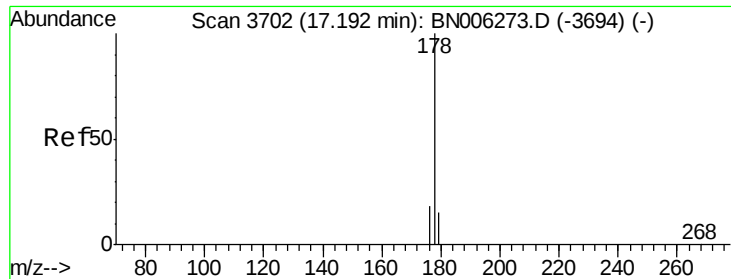
Delta R.T. -0.00 min

Lab File: BN006277.D

Acq: 12 Jun 2019 12:30

Tgt Ion:	178	Resp:	273542
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.3	18.5
176	19.3	15.3	22.9





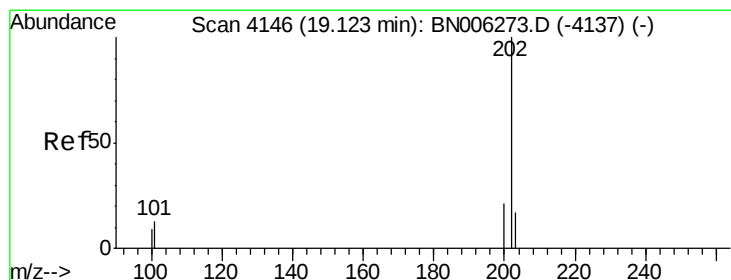
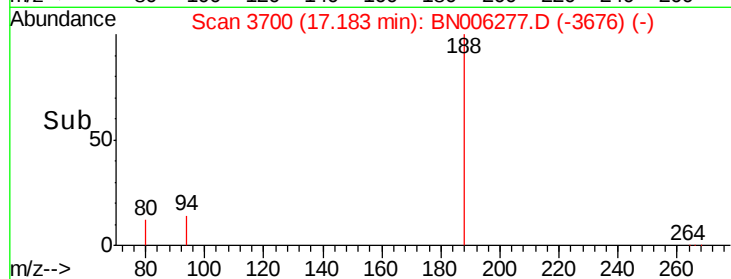
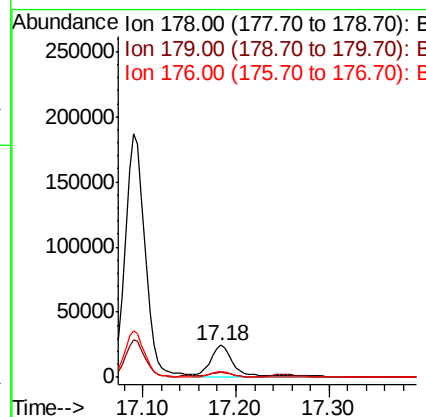
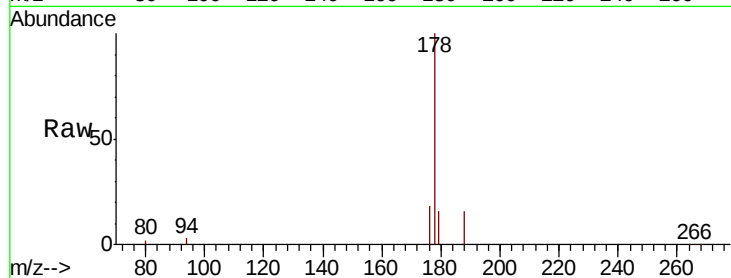
#13
 Anthracene
 Concen: 0.837 ng/ul
 RT: 17.18 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: BN006277.D
 Acq: 12 Jun 2019 12:30

Instrument :
 BNA_N
 ClientSampleID :
 A51F9DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.4
176	18.5	15.1	22.7

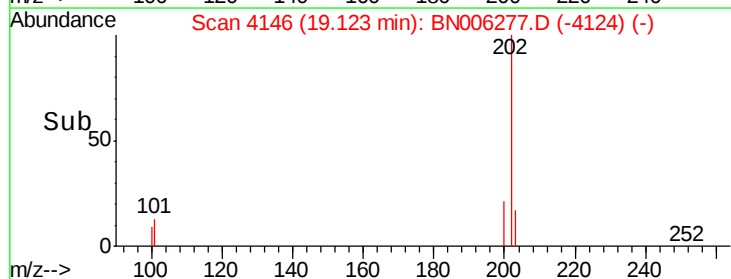
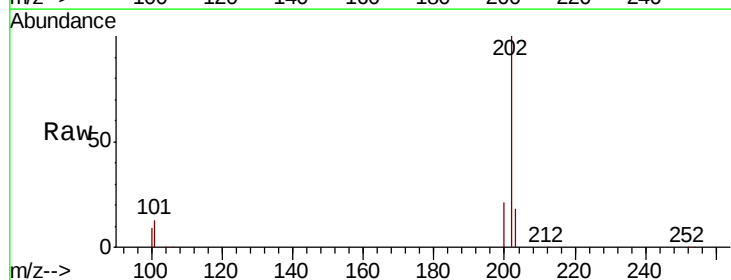
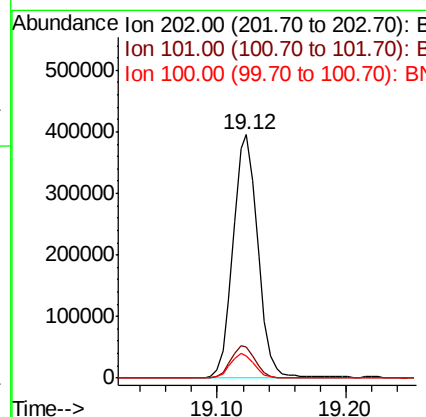
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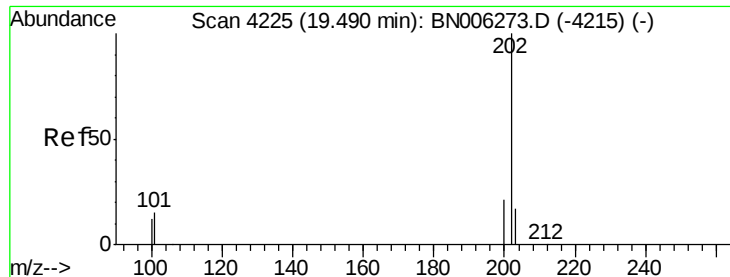
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#15
 Fluoranthene
 Concen: 9.456 ng/ul
 RT: 19.12 min Scan# 4146
 Delta R.T. 0.00 min
 Lab File: BN006277.D
 Acq: 12 Jun 2019 12:30

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





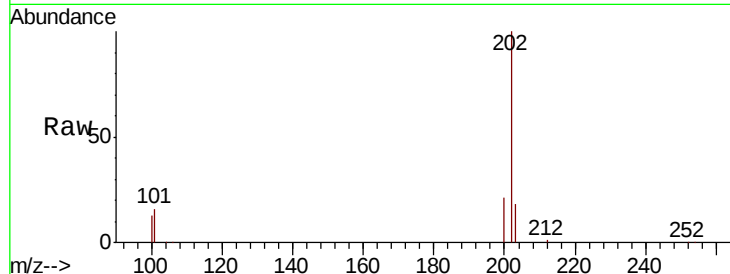
#17
Pvrene
Concen: 6.979 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006277.D
Acq: 12 Jun 2019 12:30

Instrument :
BNA_N
ClientSampleId :
A51F9DL

Tot Ion:	202	Resp:	407215
Ion Ratio	Lower	Upper	
202	100		
101	15.8	12.2	18.2
100	12.6	9.8	14.6

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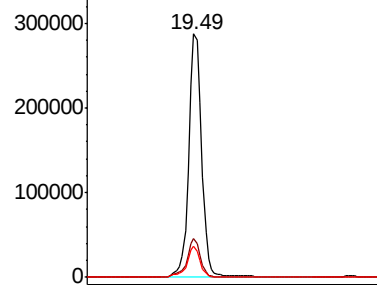


Abundance

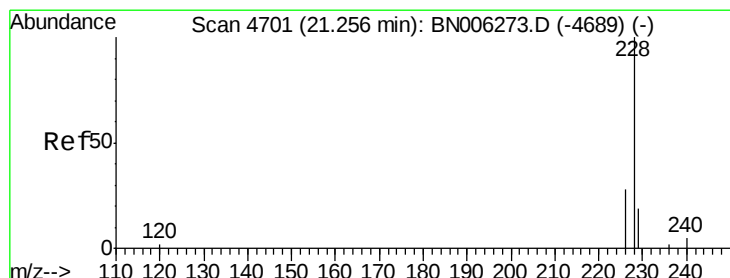
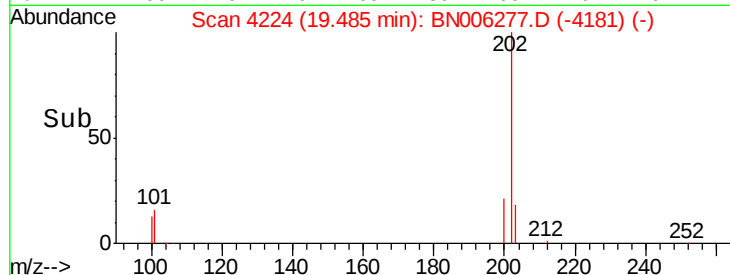
Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#18
Benzo(a)anthracene
Concen: 3.122 ng/ul
RT: 21.26 min Scan# 4702
Delta R.T. 0.01 min
Lab File: BN006277.D
Acq: 12 Jun 2019 12:30

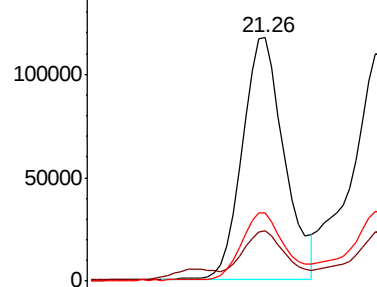
Tgt Ion:	228	Resp:	152970
Ion Ratio	Lower	Upper	
228	100		
229	20.8	16.5	24.7
226	28.1	22.8	34.2

Abundance

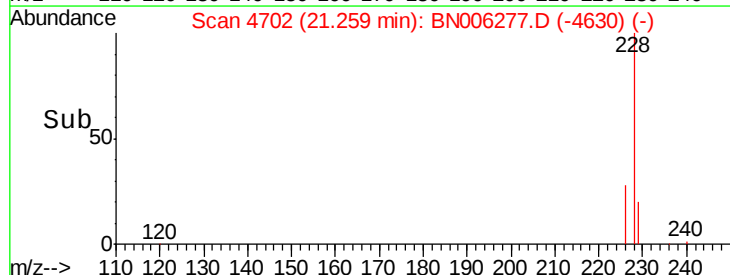
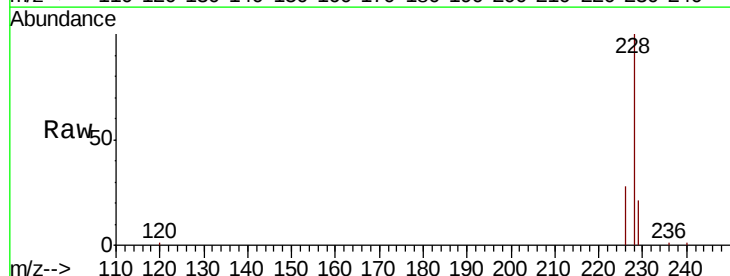
Ion 228.00 (227.70 to 228.70): E

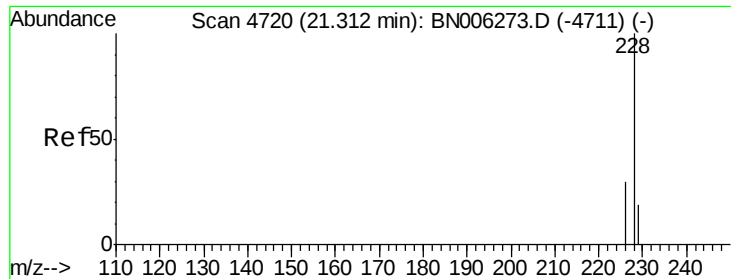
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->





#19

Chrysene

Concen: 3.846 ng/ul

RT: 21.31 min Scan# 4720

Delta R.T. 0.01 min

Lab File: BN006277.D

Acq: 12 Jun 2019 12:30

Instrument :

BNA_N

ClientSampleId :

A51F9DL

Tot Ion:228 Resp: 176888

Ion Ratio Lower Upper

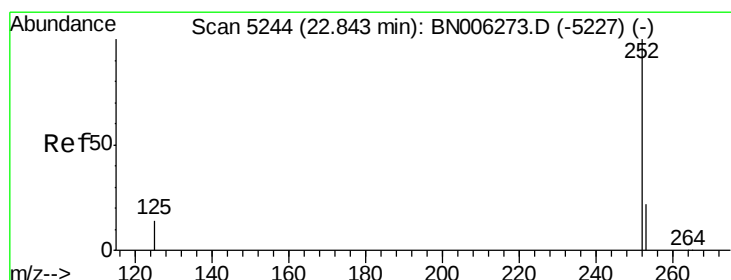
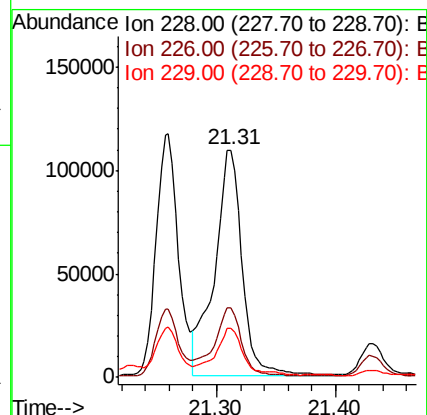
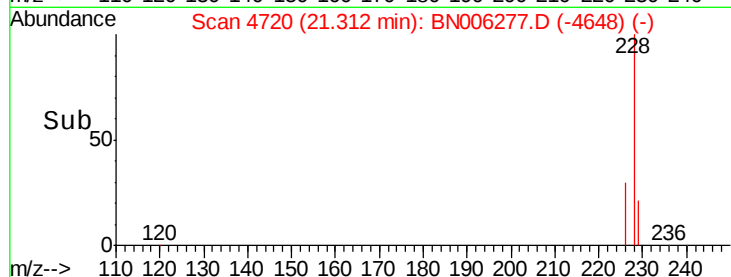
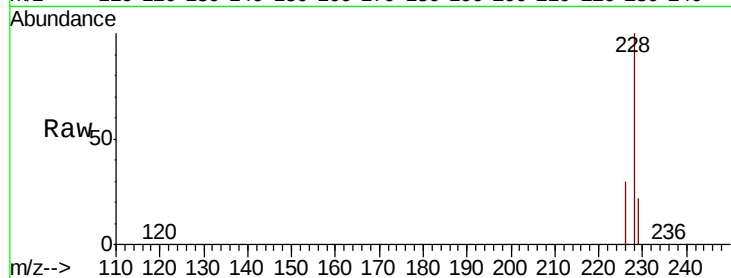
228 100

226 30.5 25.0 37.6

229 21.8 16.3 24.5

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#21

Benzo(b)fluoranthene

Concen: 3.491 ng/ul m

RT: 22.85 min Scan# 5246

Delta R.T. 0.03 min

Lab File: BN006277.D

Acq: 12 Jun 2019 12:30

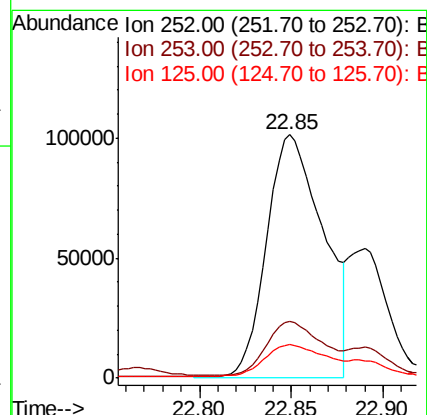
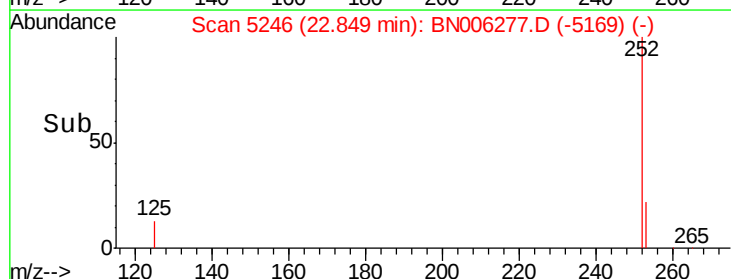
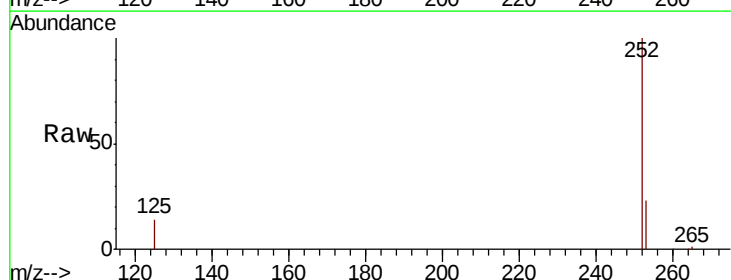
Tgt Ion:252 Resp: 218928

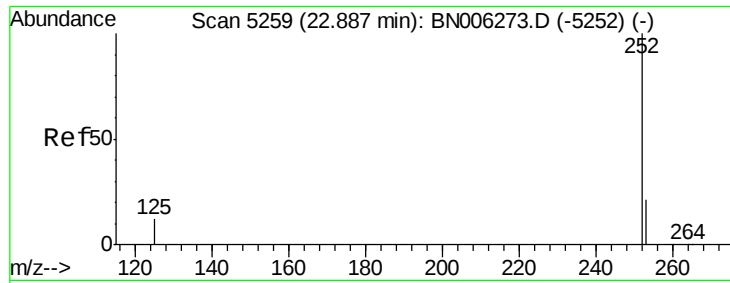
Ion Ratio Lower Upper

252 100

253 23.3 0.0 51.4

125 13.6 0.0 41.0





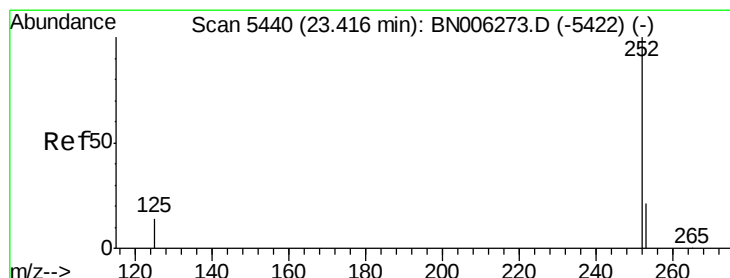
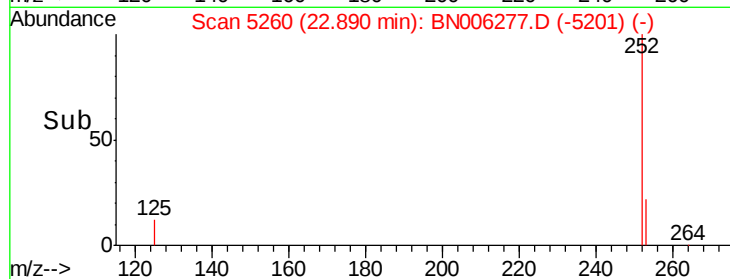
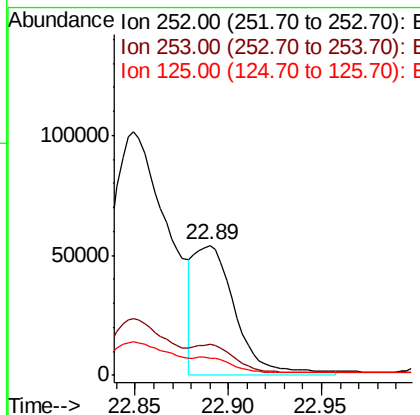
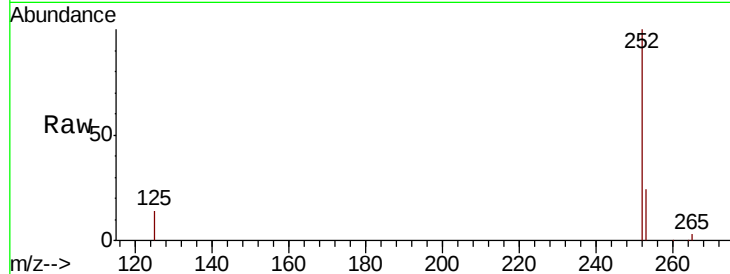
#22
Benzo(k)fluoranthene
Concen: 1.393 ng/ul m
RT: 22.89 min Scan# 5260
Delta R.T. 0.02 min
Lab File: BN006277.D
Acq: 12 Jun 2019 12:30

Instrument :
BNA_N
ClientSampleId :
A51F9DL

Tot Ion	Ratio	Resp	Lower	Upper
252	100	85098		
253	23.7		20.3	30.5
125	13.5		14.3	21.5#

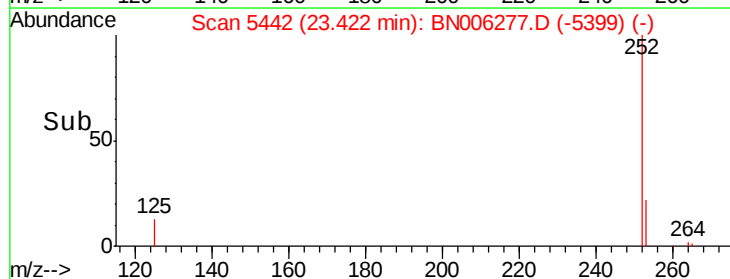
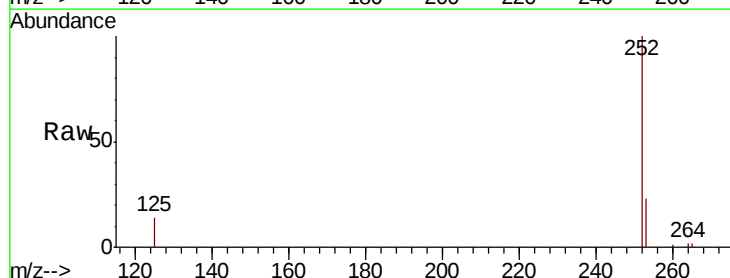
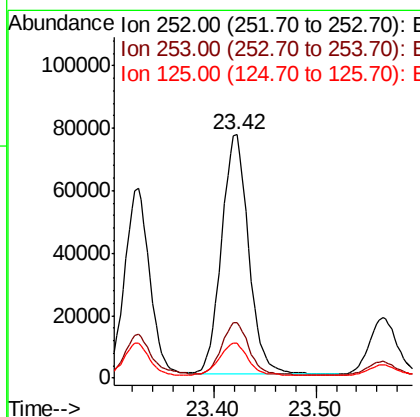
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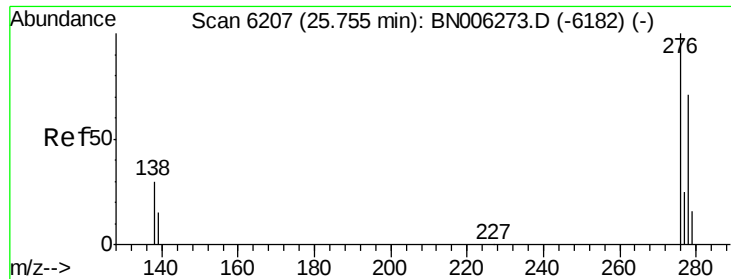
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#23
Benzo(a)pyrene
Concen: 2.429 ng/ul
RT: 23.42 min Scan# 5442
Delta R.T. 0.03 min
Lab File: BN006277.D
Acq: 12 Jun 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	141828		
253	22.9		21.1	31.7
125	14.3		20.3	30.5#





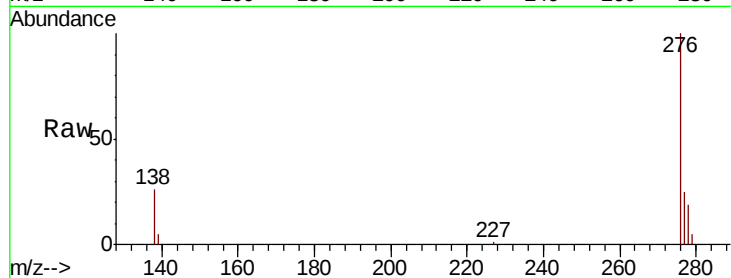
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.675 ng/ul
RT: 25.76 min Scan# 6207
Delta R.T. 0.03 min
Lab File: BN006277.D
Acq: 12 Jun 2019 12:30

Instrument :
BNA_N
ClientSampleID :
A51F9DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	25.6	38.4#
227	0.2	0.3	0.5#

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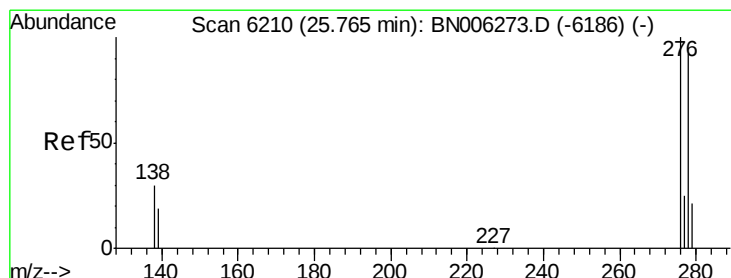
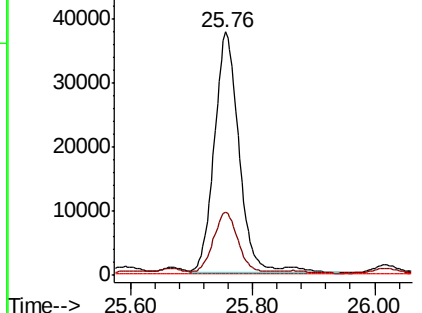
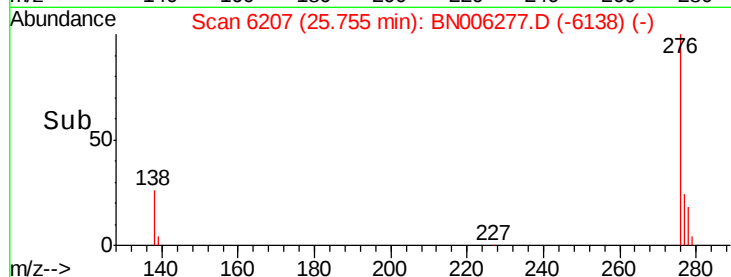


Abundance

Ion 276.00 (275.70 to 276.70): E

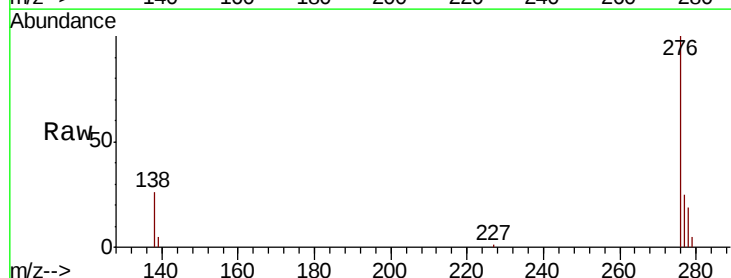
Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25
Dibenzo(a,h)anthracene
Concen: 0.452 ng/ul
RT: 25.76 min Scan# 6208
Delta R.T. 0.02 min
Lab File: BN006277.D
Acq: 12 Jun 2019 12:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.9	21.2	31.8
279	28.1	22.6	33.8

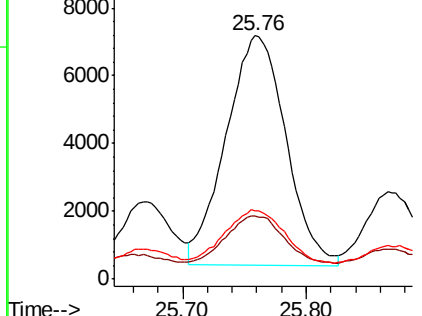
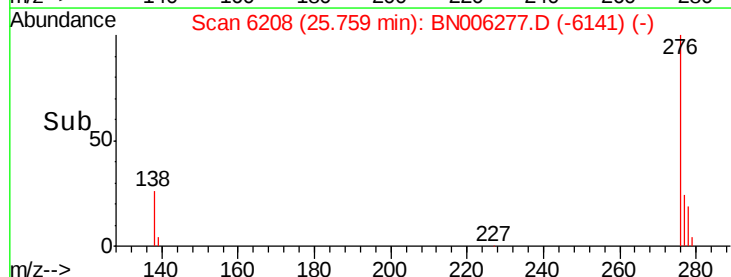


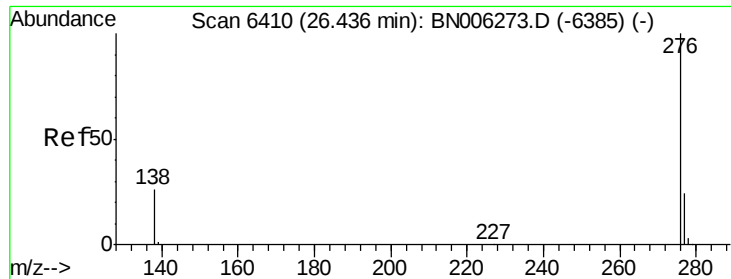
Abundance

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





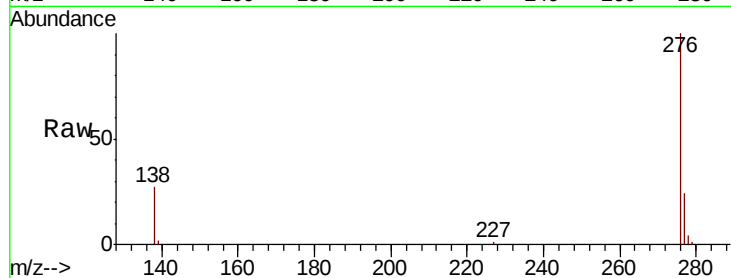
#26
Benzo(a,h,i)perylene
Concen: 1.749 ng/ul
RT: 26.44 min Scan# 6412
Delta R.T. 0.04 min
Lab File: BN006277.D
Acq: 12 Jun 2019 12:30

Instrument :
BNA_N
ClientSampleId :
A51F9DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.9	24.2	36.4
277	24.4	21.5	32.3

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:37 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

