

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060819\
 Data File : BN006201.D
 Acq On : 08 Jun 2019 21:57
 Operator : JU/SJ
 Sample : K3016-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C1

Manual Integrations
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Quant Time: Jun 09 05:40:59 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	7.65	152	4358	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	16721	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	8932	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	18622m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	15203m	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	13830m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	5240	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	12305m	0.25	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.47	128	1218	0.026	ng/ul#	78
7) Acenaphthylene	14.01	152	20357	0.410	ng/ul	100
8) Acenaphthene	14.36	153	1060	0.031	ng/ul	95
9) Fluorene	15.35	166	4359	0.108	ng/ul#	95
12) Phenanthrene	17.09	178	100728m	1.685	ng/ul	
13) Anthracene	17.18	178	18661m	0.327	ng/ul	
15) Fluoranthene	19.12	202	144807m	2.194	ng/ul	
17) Pyrene	19.48	202	136657	1.706	ng/ul	98
18) Benzo(a)anthracene	21.24	228	51292	0.763	ng/ul	96
19) Chrysene	21.30	228	67499	1.069	ng/ul	98
21) Benzo(b)fluoranthene	22.83	252	68457m	1.187	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	29113m	0.518	ng/ul	
23) Benzo(a)pyrene	23.39	252	44758m	0.833	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.72	276	29439m	0.506	ng/ul	
25) Dibenzo(a,h)anthracene	25.72	278	7671m	0.165	ng/ul	
26) Benzo(a,h,i)perylene	26.40	276	25985m	0.534	ng/ul	

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

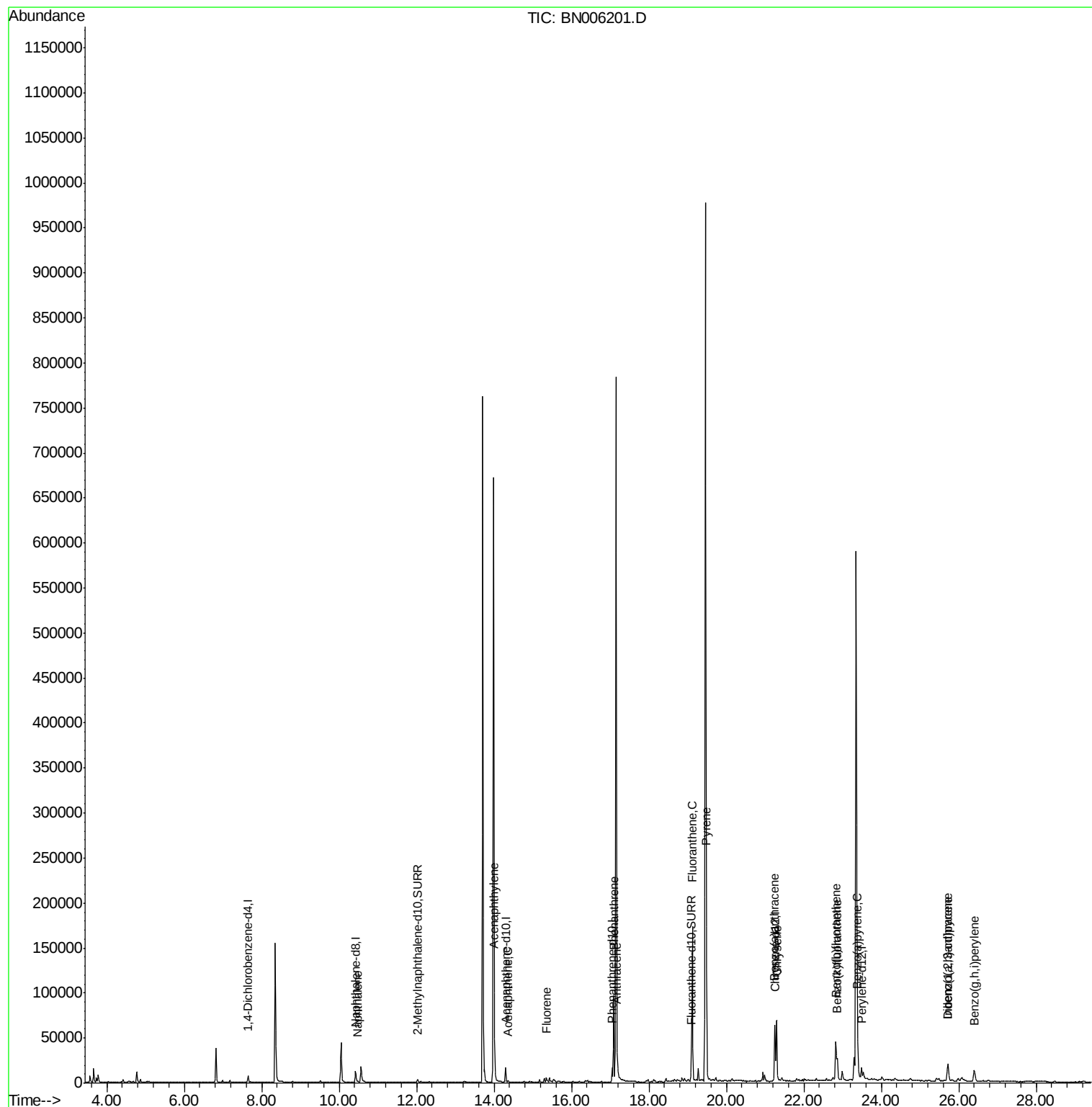
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060819\
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Sample : K3016-02
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ALS Vial : 19 Sample Multiplier: 1

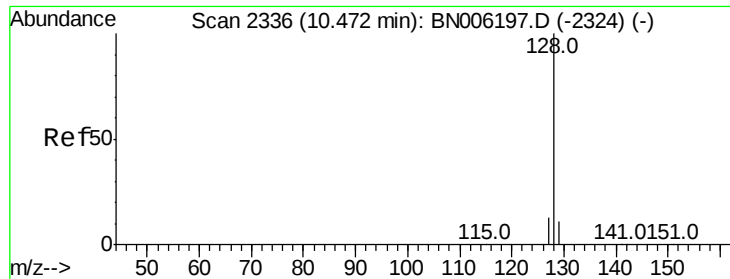
Instrument :
BNA_N
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A51C1

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Quant Time: Jun 09 05:40:59 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





#3

Naphthalene

Concen: 0.026 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN006201.D

Acq: 08 Jun 2019 21:57

Instrument :

BNA_N

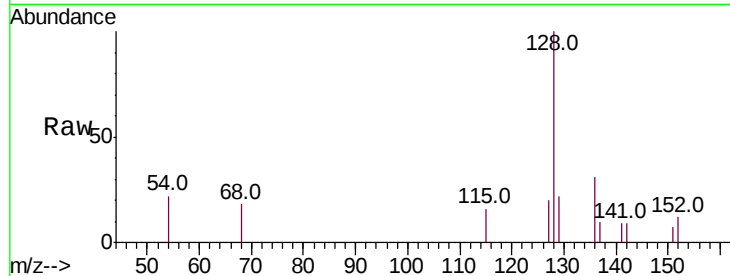
ClientSampled :

A51C1

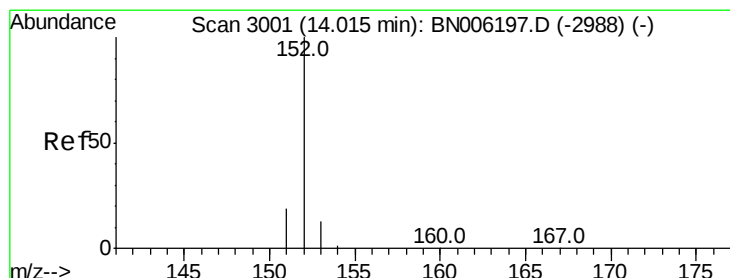
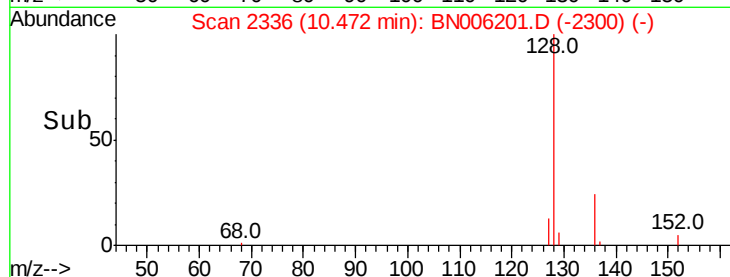
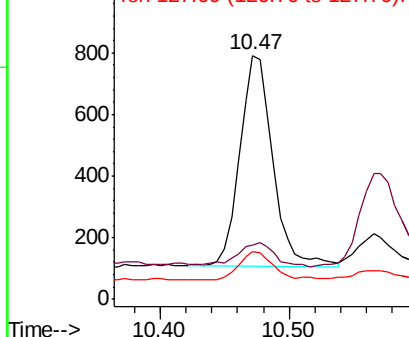
Tot Ion:	128	Resp:	1218
Ion Ratio	Lower	Upper	
128	100		
129	22.4	9.3	13.9#
127	19.8	10.7	16.1#

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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



#7

Acenaphthylene

Concen: 0.410 ng/ul

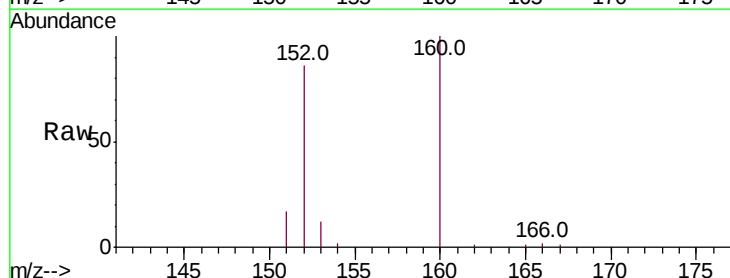
RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

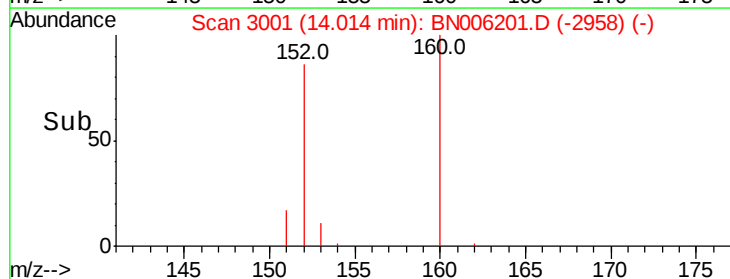
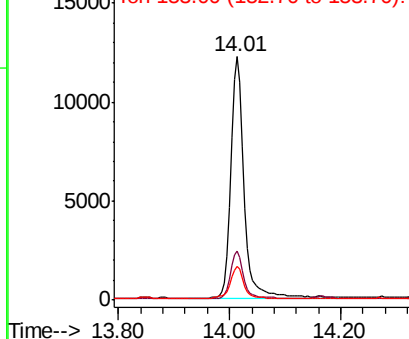
Lab File: BN006201.D

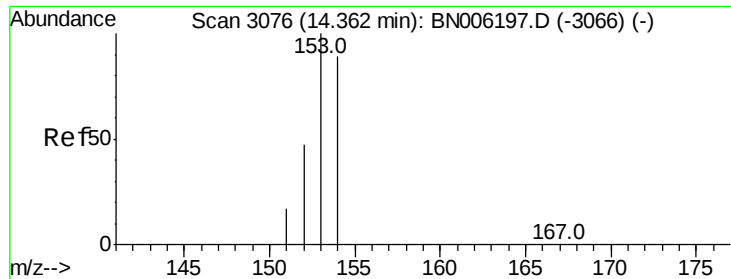
Acq: 08 Jun 2019 21:57

Tgt Ion:	152	Resp:	20357
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.8	23.8
153	13.6	10.8	16.2



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: 0.031 ng/ul

RT: 14.36 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN006201.D

Acq: 08 Jun 2019 21:57

Instrument :

BNA_N

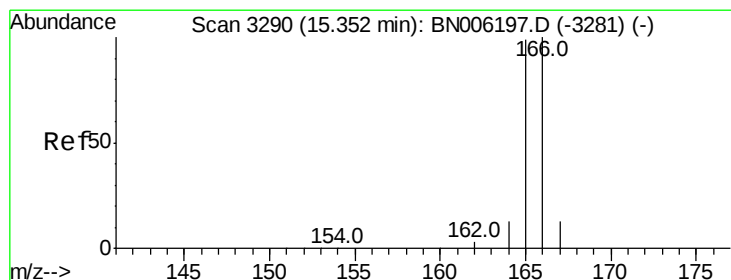
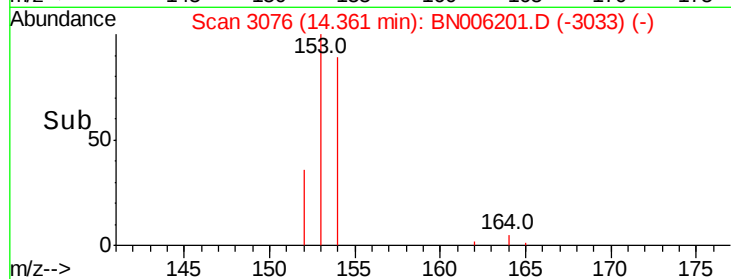
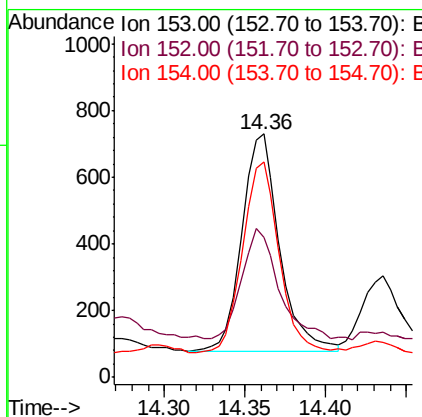
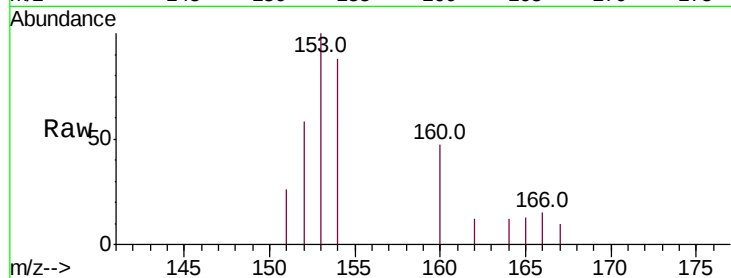
ClientSampled :

A51C1

Tot Ion:	153	Resp:	1060
Ion	Ratio	Lower	Upper
153	100		
152	57.5	39.1	58.7
154	88.5	71.1	106.7

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#9

Fluorene

Concen: 0.108 ng/ul

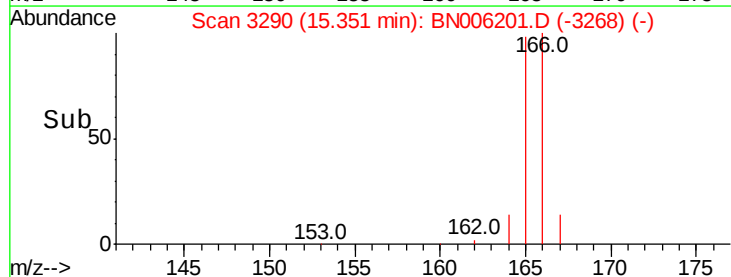
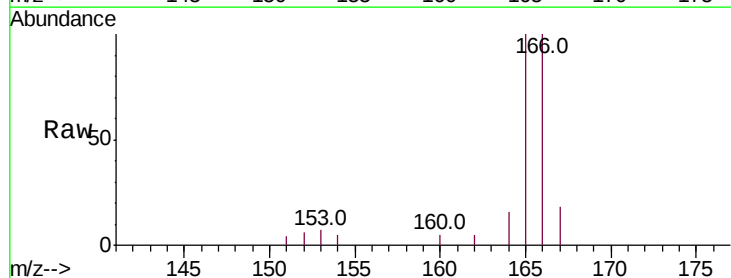
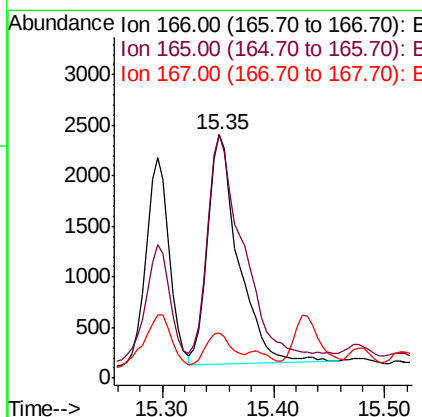
RT: 15.35 min Scan# 3290

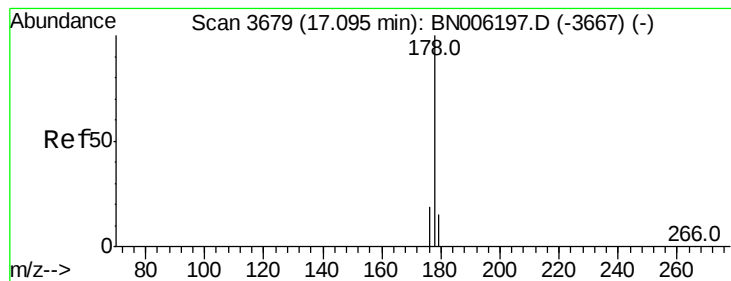
Delta R.T. -0.00 min

Lab File: BN006201.D

Acq: 08 Jun 2019 21:57

Tgt Ion:	166	Resp:	4359
Ion	Ratio	Lower	Upper
166	100		
165	99.9	76.4	114.6
167	18.4	11.0	16.6#





#12

Phenanthrene

Concen: 1.685 ng/ul m

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN006201.D

Acq: 08 Jun 2019 21:57

Instrument :

BNA_N

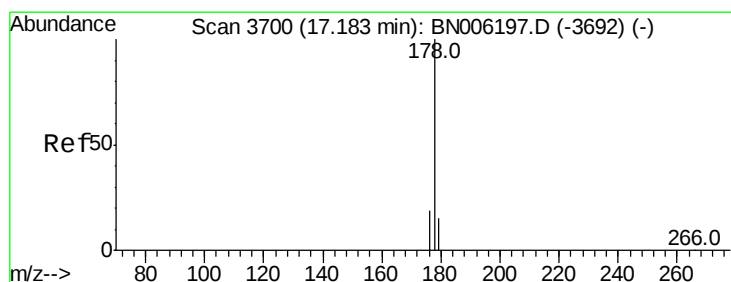
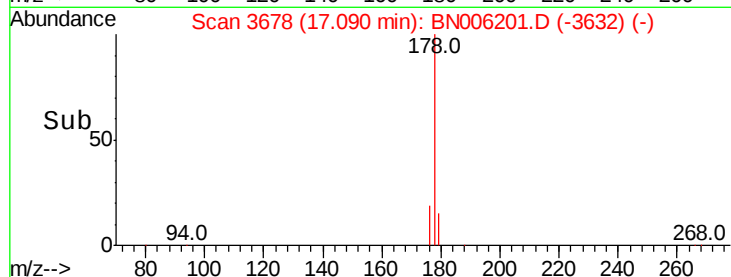
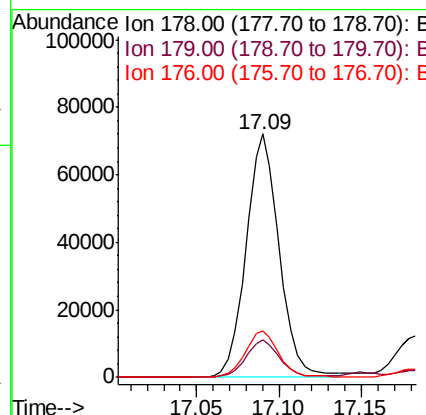
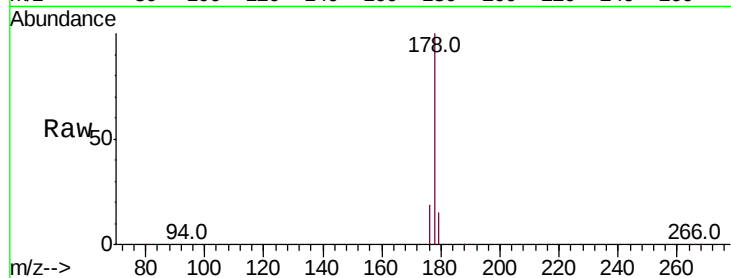
ClientSampleId :

A51C1

Tot Ion:	178	Resp:	100728
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.3	18.5
176	19.2	15.3	22.9

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#13

Anthracene

Concen: 0.327 ng/ul m

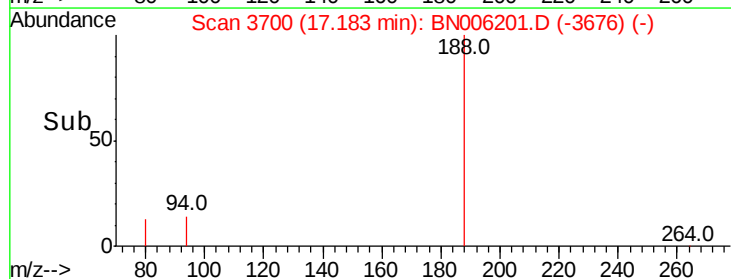
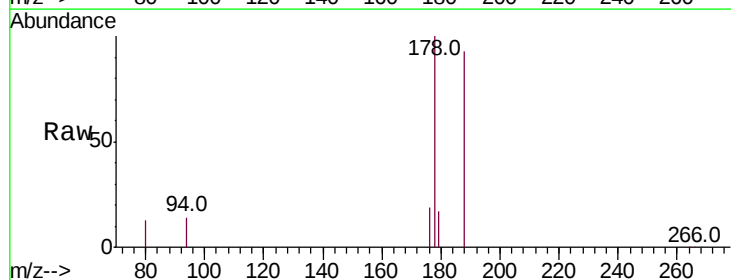
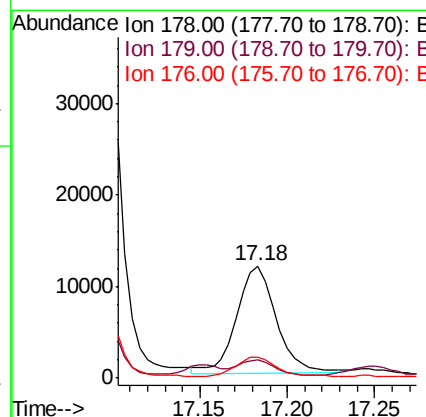
RT: 17.18 min Scan# 3700

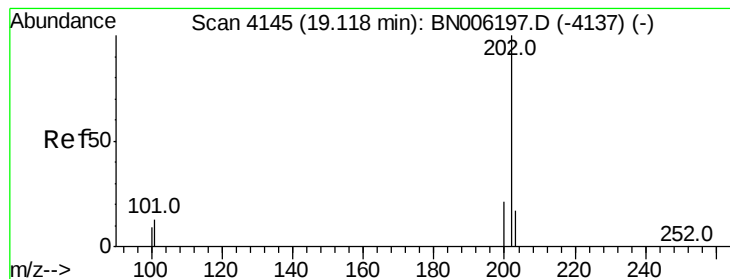
Delta R.T. -0.00 min

Lab File: BN006201.D

Acq: 08 Jun 2019 21:57

Tgt Ion:	178	Resp:	18661
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.2	18.4
176	18.8	15.1	22.7





#15

Fluoranthene

Concen: 2.194 ng/ul m

RT: 19.12 min Scan# 4145

Delta R.T. -0.00 min

Lab File: BN006201.D

Acq: 08 Jun 2019 21:57

Instrument :

BNA_N

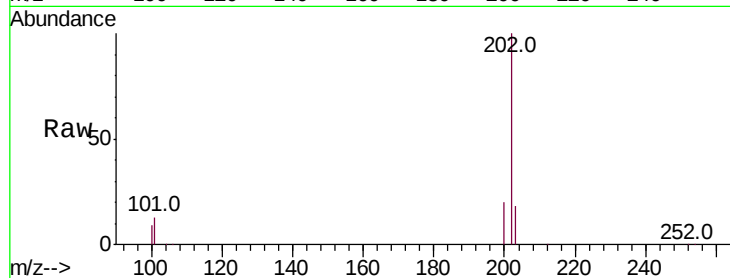
ClientSampleId :

A51C1

Tot Ion:	202	Resp:	144807
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	32.1
100	9.2	0.0	28.7

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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

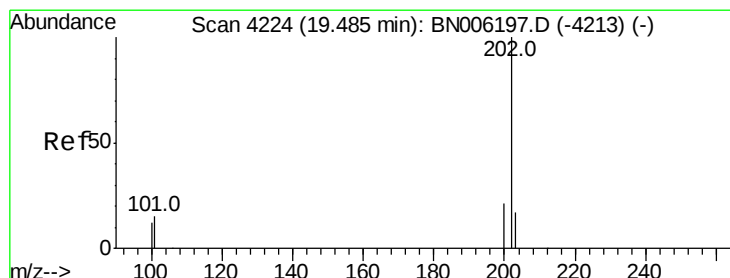
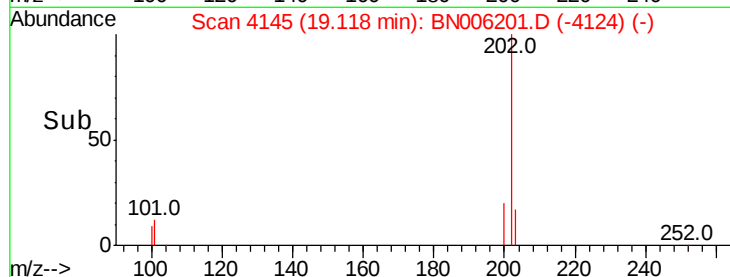
19.12

100000

50000

0

Time-->



#17

Pyrene

Concen: 1.706 ng/ul

RT: 19.48 min Scan# 4223

Delta R.T. -0.00 min

Lab File: BN006201.D

Acq: 08 Jun 2019 21:57

Tgt Ion:	202	Resp:	136657
Ion Ratio	Lower	Upper	
202	100		
101	16.1	12.2	18.2
100	12.9	9.8	14.6

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

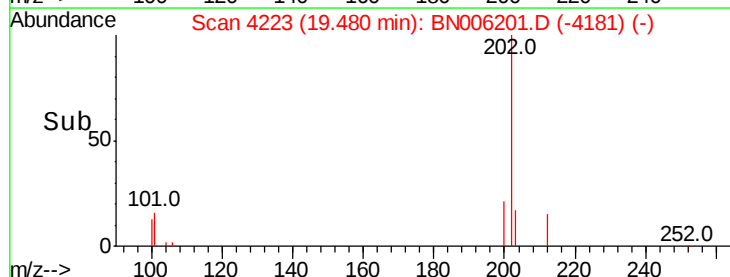
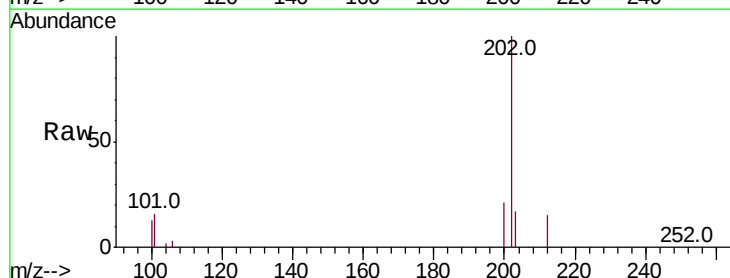
19.48

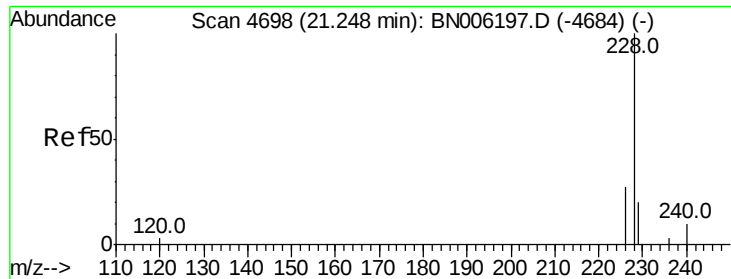
100000

50000

0

Time-->





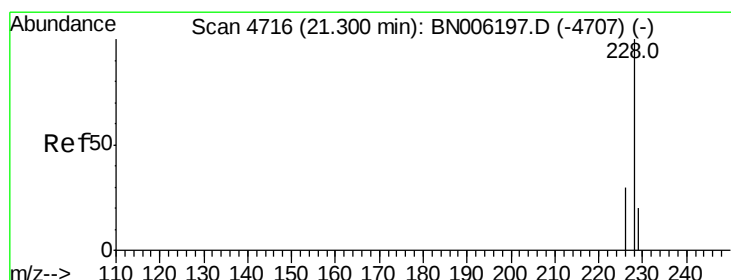
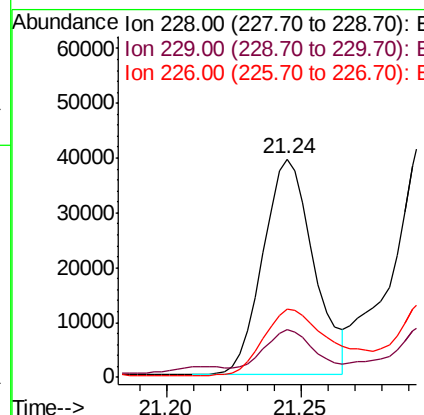
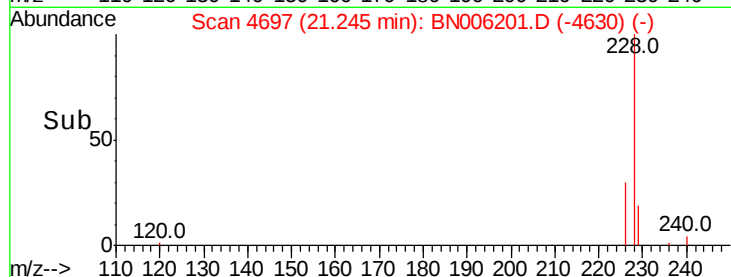
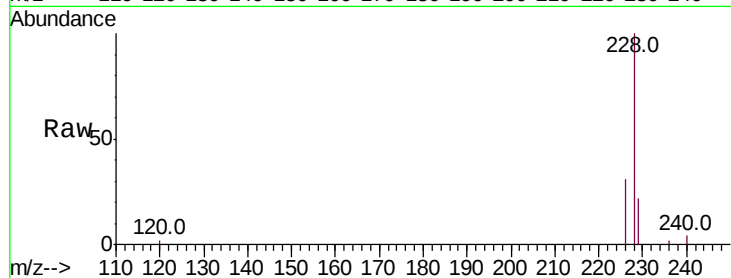
#18
Benzo(a)anthracene
Concen: 0.763 ng/ul
RT: 21.24 min Scan# 4697
Delta R.T. -0.00 min
Lab File: BN006201.D
Acq: 08 Jun 2019 21:57

Instrument :
BNA_N
ClientSampleId :
A51C1

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.5	24.7
226	31.4	22.8	34.2

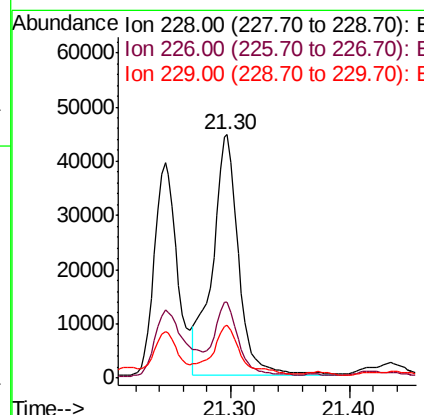
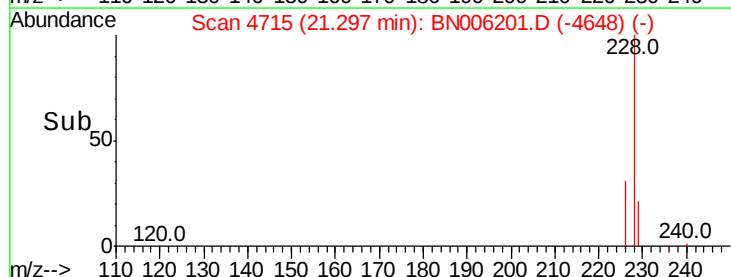
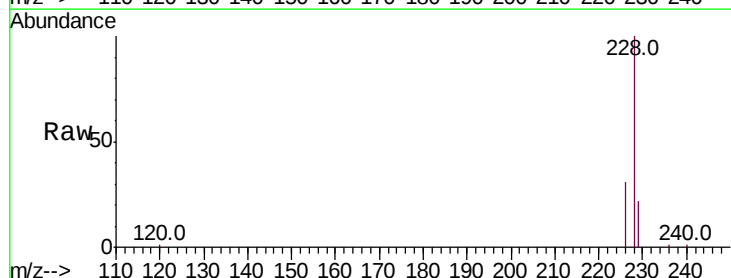
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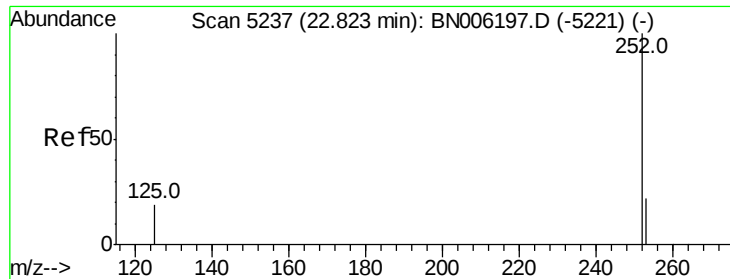
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#19
Chrysene
Concen: 1.069 ng/ul
RT: 21.30 min Scan# 4715
Delta R.T. -0.00 min
Lab File: BN006201.D
Acq: 08 Jun 2019 21:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	21.8	16.3	24.5





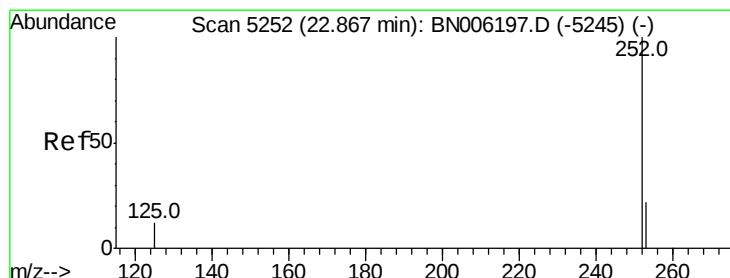
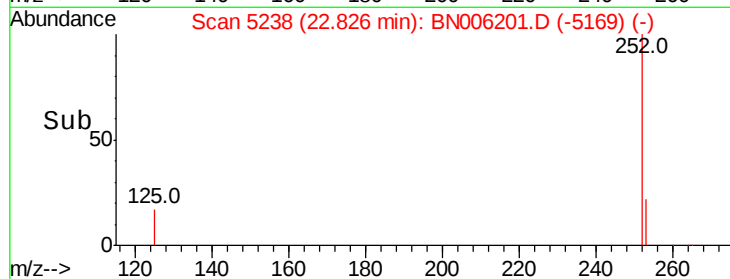
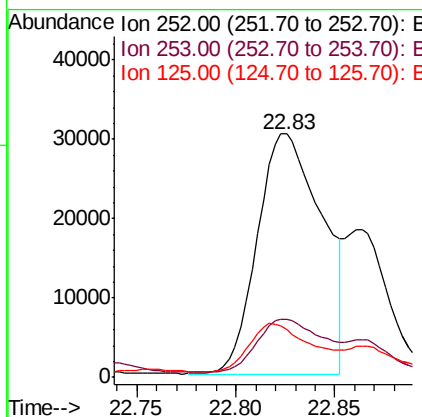
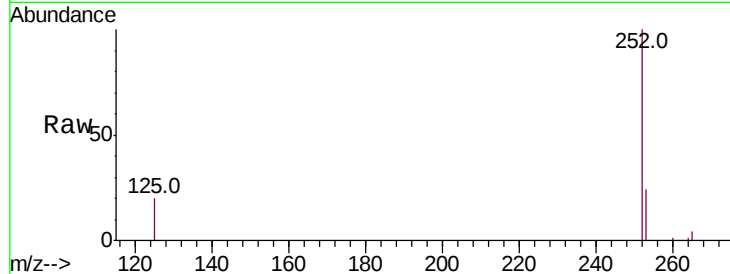
#21
Benzo(b)fluoranthene
Concen: 1.187 ng/ul m
RT: 22.83 min Scan# 5238
Delta R.T. 0.00 min
Lab File: BN006201.D
Acq: 08 Jun 2019 21:57

Instrument :
BNA_N
ClientSampleId :
A51C1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	51.4
125	19.5	0.0	41.0

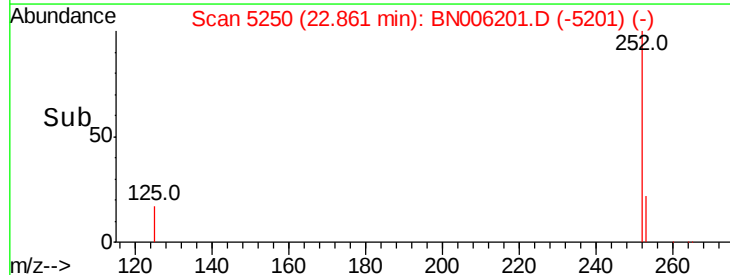
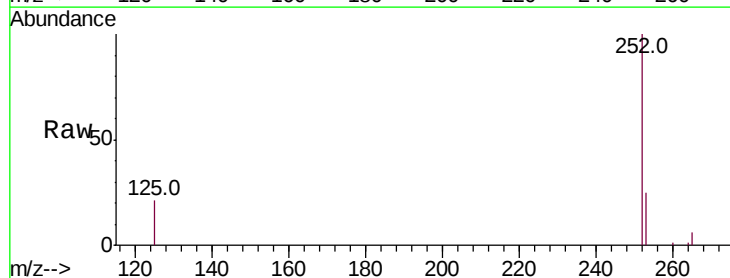
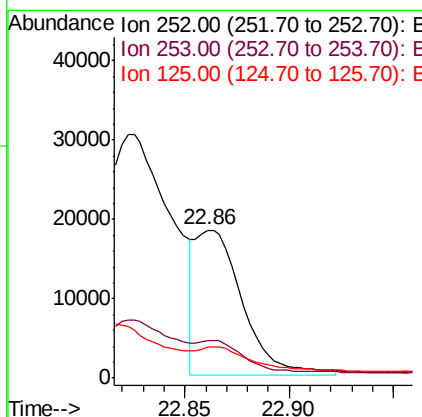
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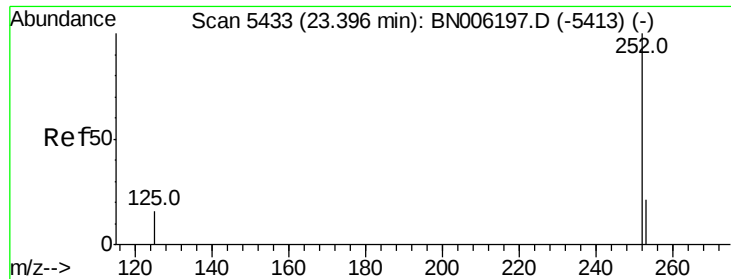
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#22
Benzo(k)fluoranthene
Concen: 0.518 ng/ul m
RT: 22.86 min Scan# 5250
Delta R.T. -0.01 min
Lab File: BN006201.D
Acq: 08 Jun 2019 21:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.3	30.5
125	20.8	14.3	21.5





#23

Benzo(a)pyrene

Concen: 0.833 ng/ul m

RT: 23.39 min Scan# 5431

Delta R.T. -0.01 min

Lab File: BN006201.D

Acq: 08 Jun 2019 21:57

Instrument :

BNA_N

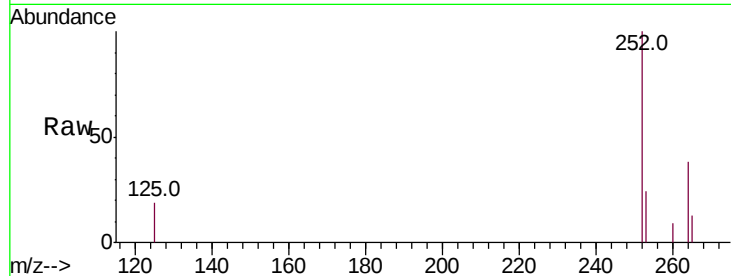
ClientSampleId :

A51C1

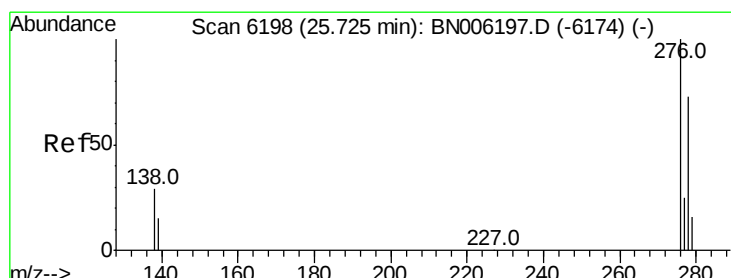
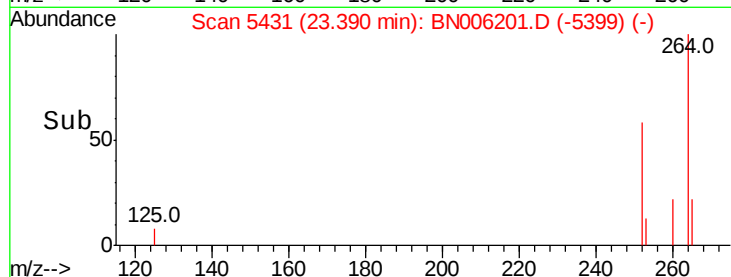
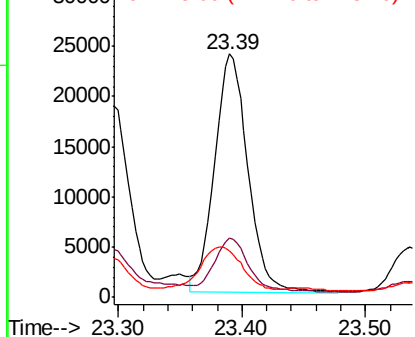
Tot Ion:	252	Resp:	44758
Ion Ratio	Lower	Upper	
252	100		
253	24.2	21.1	31.7
125	19.0	20.3	30.5#

Manual Integrations
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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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.506 ng/ul m

RT: 25.72 min Scan# 6196

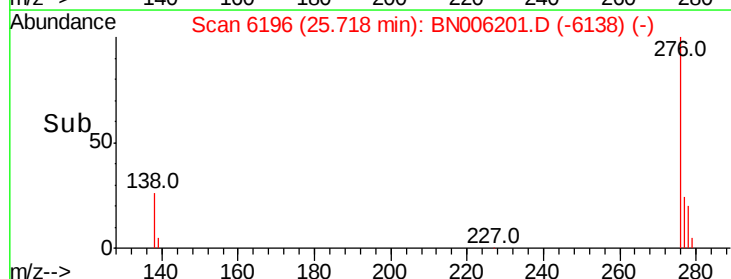
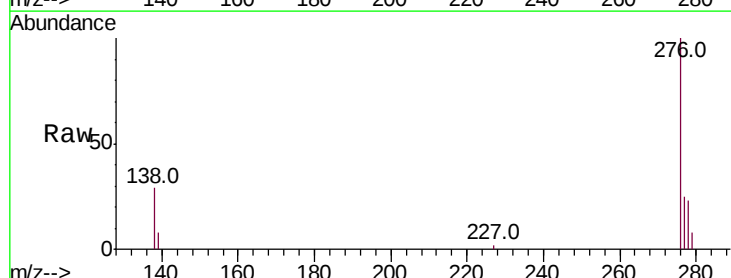
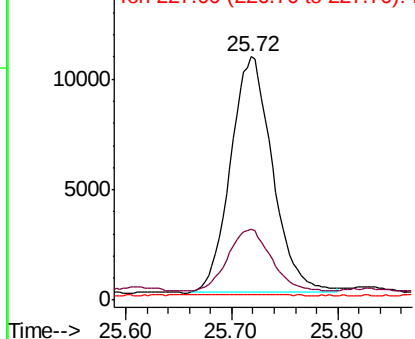
Delta R.T. -0.01 min

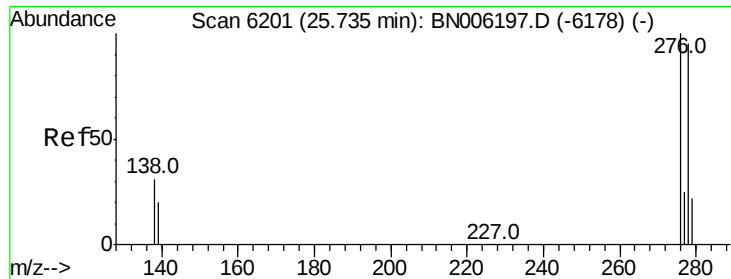
Lab File: BN006201.D

Acq: 08 Jun 2019 21:57

Tgt Ion:	276	Resp:	29439
Ion Ratio	Lower	Upper	
276	100		
138	2.4	25.6	38.4#
227	0.1	0.3	0.5#

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





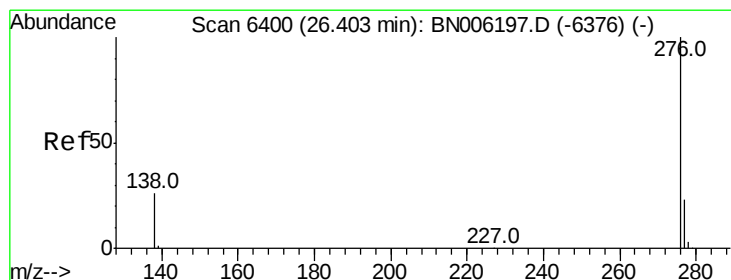
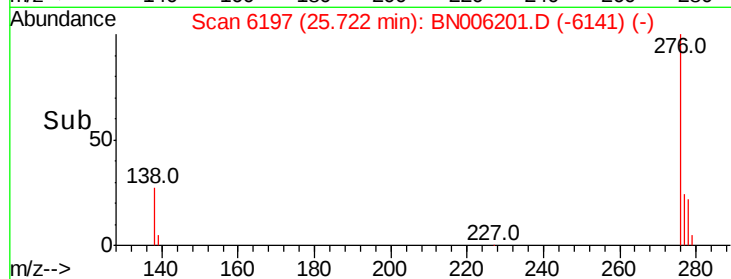
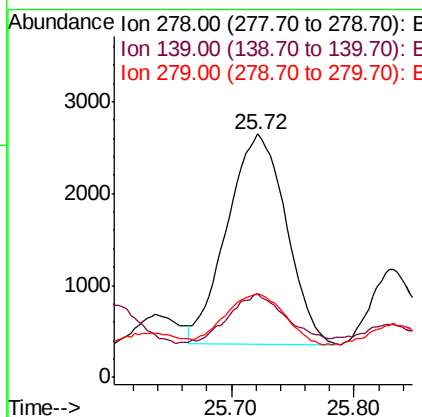
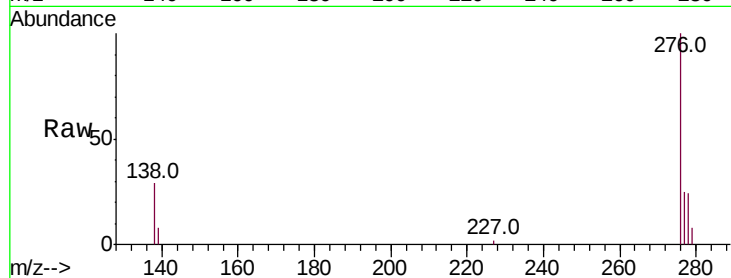
#25
Dibenzo(a,h)anthracene
Concen: 0.165 ng/ul m
RT: 25.72 min Scan# 6197
Delta R.T. -0.01 min
Lab File: BN006201.D
Acq: 08 Jun 2019 21:57

Instrument :
BNA_N
ClientSampleId :
A51C1

Tot Ion	Ratio	Lower	Upper
278	100		
139	34.4	21.2	31.8#
279	34.2	22.6	33.8#

Manual Integrations
APPROVED

mohammad
6/11/2019 4:32:31 PM



#26
Benzo(g,h,i)perylene
Concen: 0.534 ng/ul m
RT: 26.40 min Scan# 6399
Delta R.T. -0.00 min
Lab File: BN006201.D
Acq: 08 Jun 2019 21:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.2	24.2	36.4
277	24.9	21.5	32.3

