

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006254.D
 Acq On : 11 Jun 2019 19:48
 Operator : JU/SJ
 Sample : K3083-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51F9

Manual Integrations
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mohammad
 6/12/2019 8:19:04 AM

Quant Time: Jun 12 02:21:32 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	7.64	152	6708	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	26937	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	14042	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	27458m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	14542m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	15288m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	7049	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	13603m	0.18	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	6706	0.090	ng/ul	96
5) 2-Methylnaphthalene	12.10	142	2022	0.039	ng/ul	94
7) Acenaphthylene	14.01	152	12506	0.160	ng/ul	97
8) Acenaphthene	14.36	153	46866	0.866	ng/ul	99
9) Fluorene	15.35	166	80640	1.273	ng/ul	99
12) Phenanthrene	17.09	178	1963782m	22.280	ng/ul	
13) Anthracene	17.18	178	291920m	3.468	ng/ul	
15) Fluoranthene	19.12	202	3354006m	34.461	ng/ul	
17) Pyrene	19.49	202	2616340	34.156	ng/ul	100
18) Benzo(a)anthracene	21.25	228	967306m	15.040	ng/ul	
19) Chrysene	21.30	228	1069470	17.713	ng/ul	99
21) Benzo(b)fluoranthene	22.83	252	1239722m	19.447	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	464493m	7.481	ng/ul	
23) Benzo(a)pyrene	23.40	252	834672m	14.059	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.73	276	602425	9.374	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.74	278	134080m	2.610	ng/ul	
26) Benzo(a,h,i)perylene	26.42	276	549934	10.217	ng/ul	94

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

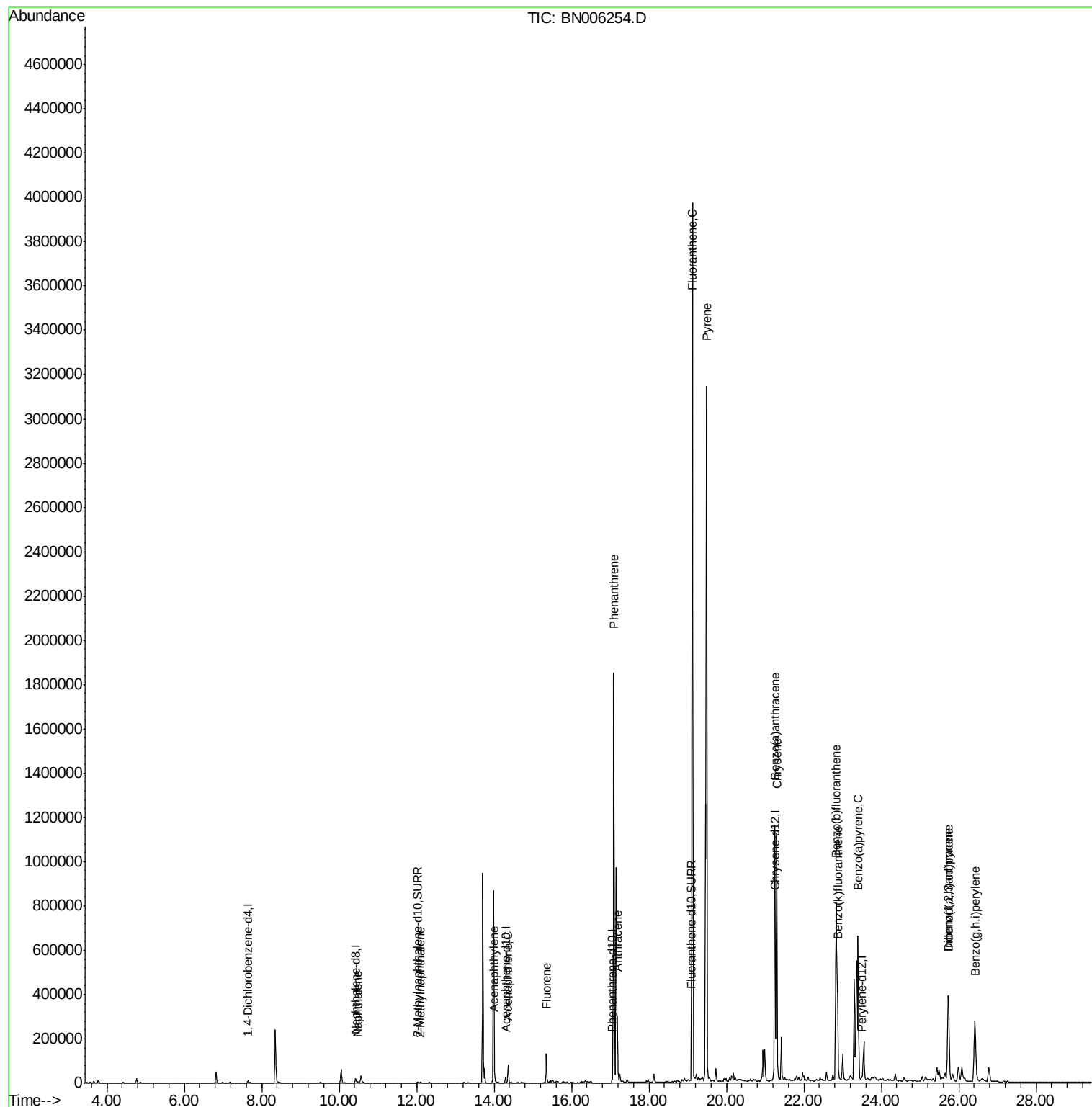
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
Data File : BN006254.D
Acq On : 11 Jun 2019 19:48
Operator : JU/SJ
Sample : K3083-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

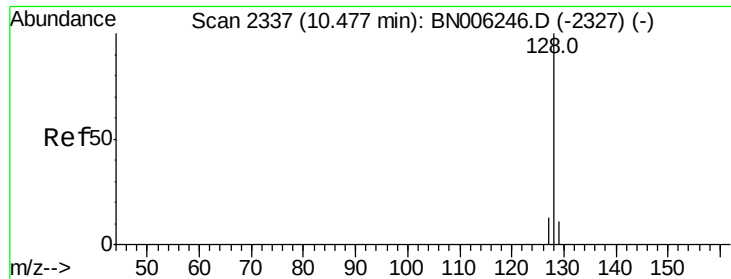
Instrument :
BNA_N
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A51F9

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Quant Time: Jun 12 02:21:32 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
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#3

Naphthalene

Concen: 0.090 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN006254.D

Acq: 11 Jun 2019 19:48

Instrument :

BNA_N

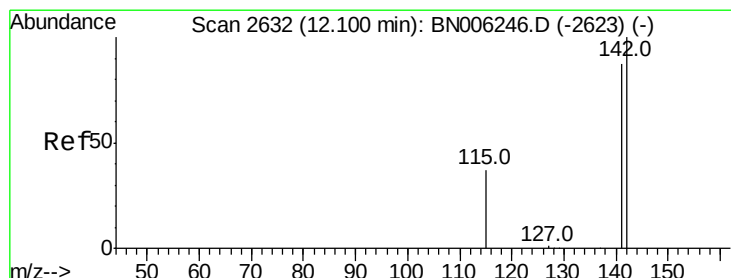
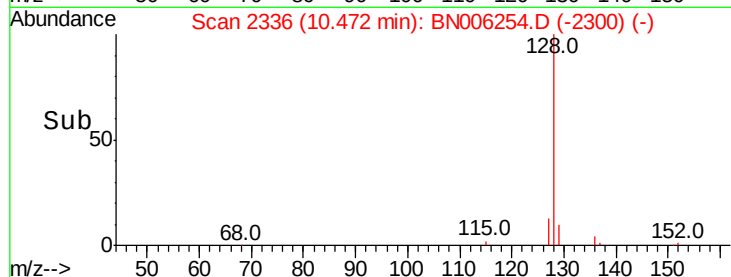
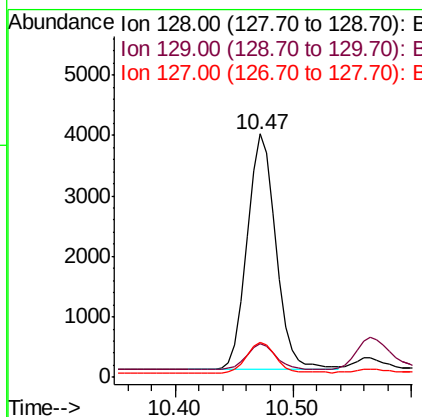
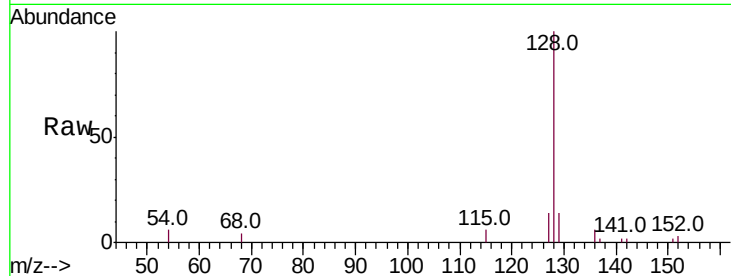
ClientSampled :

A51F9

Tot Ion:	128	Resp:	6706
Ion	Ratio	Lower	Upper
128	100		
129	13.7	9.3	13.9
127	14.3	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 0.039 ng/ul

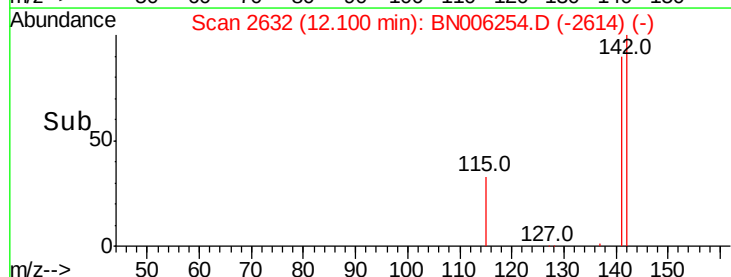
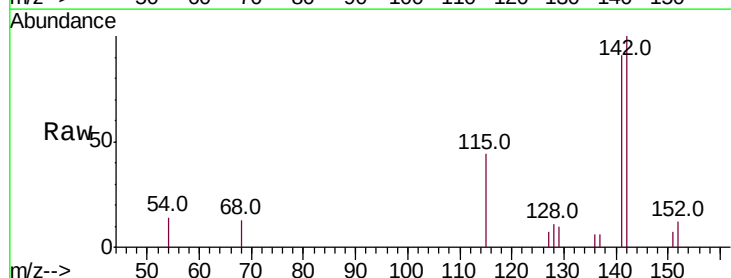
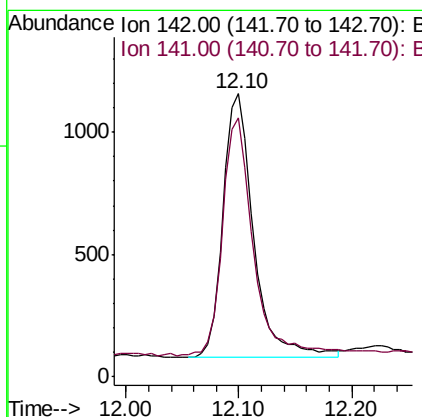
RT: 12.10 min Scan# 2632

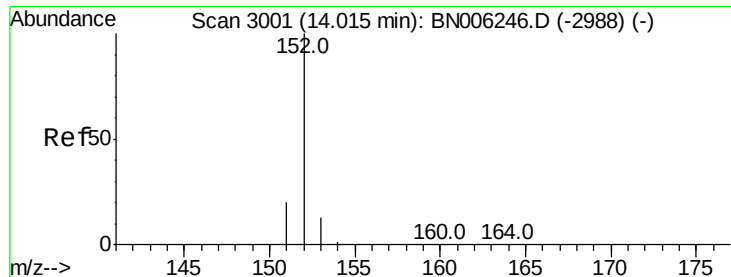
Delta R.T. -0.00 min

Lab File: BN006254.D

Acq: 11 Jun 2019 19:48

Tgt Ion:	142	Resp:	2022
Ion	Ratio	Lower	Upper
142	100		
141	93.7	70.3	105.5





#7

Acenaphthylene

Concen: 0.160 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006254.D

Acq: 11 Jun 2019 19:48

Instrument :

BNA_N

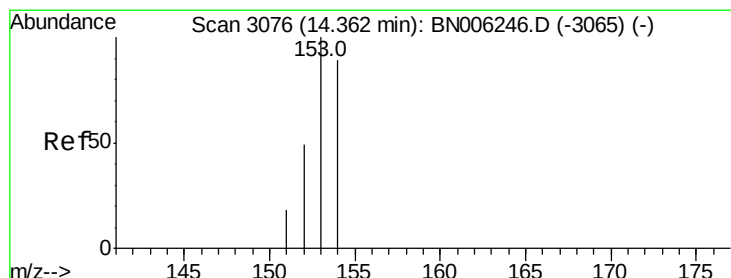
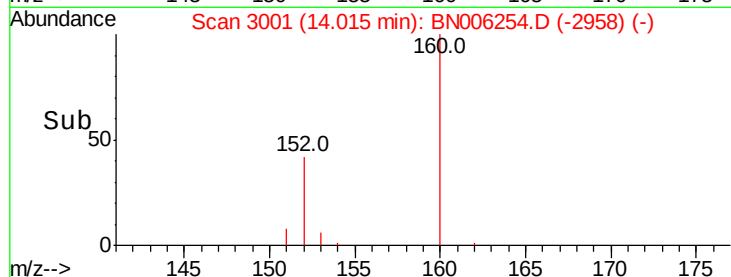
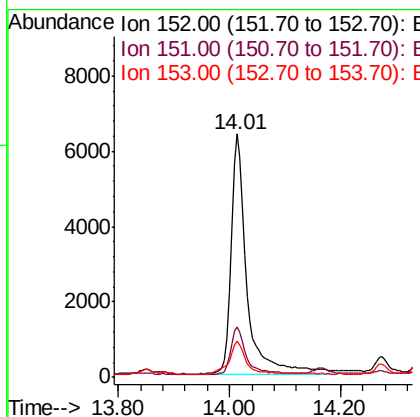
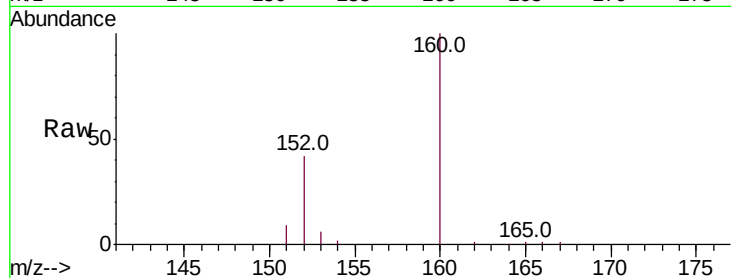
ClientSampleId :

A51F9

Tot Ion:	152	Resp:	12506
Ion Ratio	Lower	Upper	
152	100		
151	20.7	15.8	23.8
153	14.9	10.8	16.2

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#8

Acenaphthene

Concen: 0.866 ng/ul

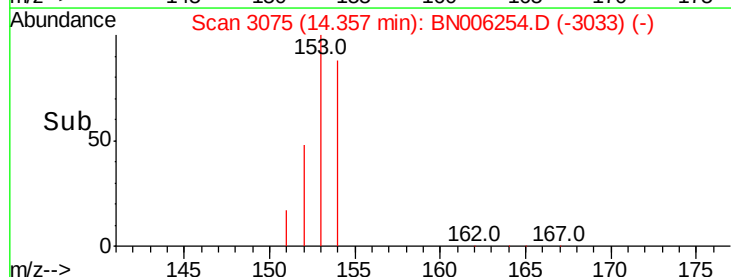
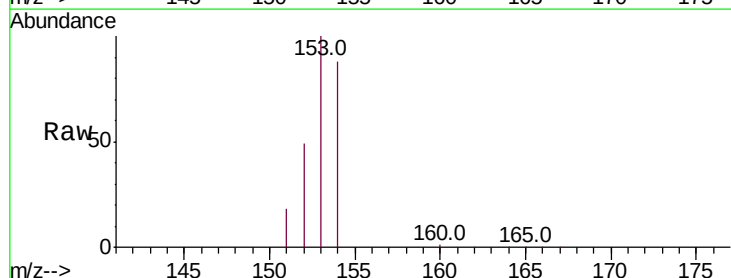
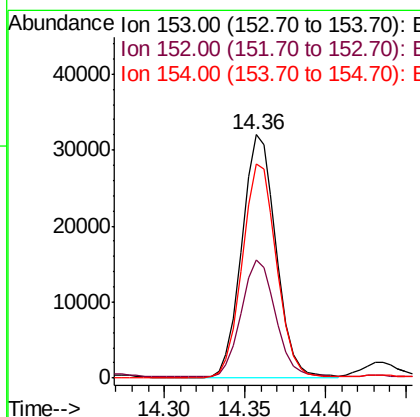
RT: 14.36 min Scan# 3075

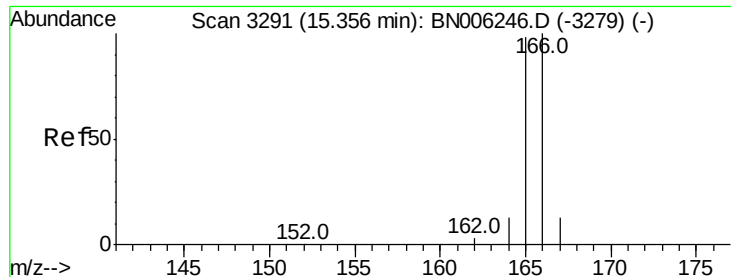
Delta R.T. -0.00 min

Lab File: BN006254.D

Acq: 11 Jun 2019 19:48

Tgt Ion:	153	Resp:	46866
Ion Ratio	Lower	Upper	
153	100		
152	48.5	39.1	58.7
154	88.1	71.1	106.7





#9

Fluorene

Concen: 1.273 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006254.D

Acq: 11 Jun 2019 19:48

Instrument :

BNA_N

ClientSampleId :

A51F9

Tot Ion:166 Resp: 80640

Ion Ratio Lower Upper

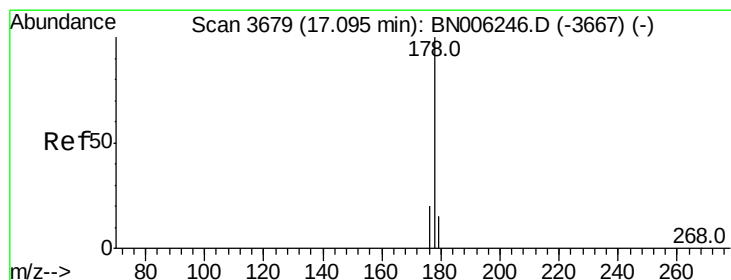
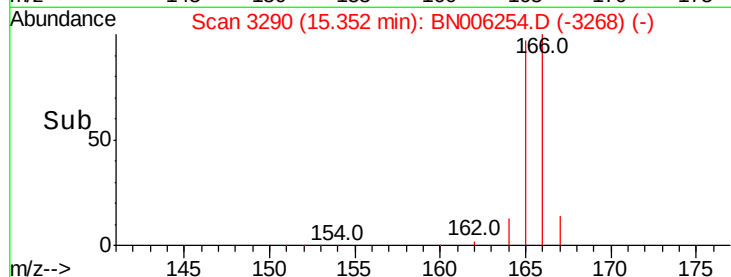
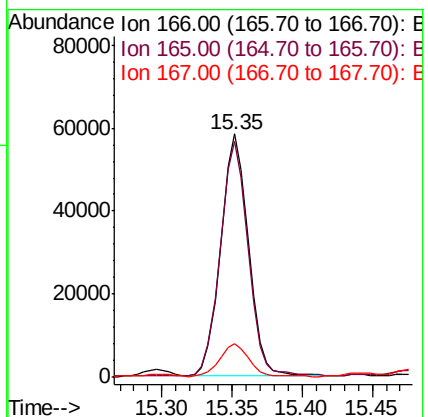
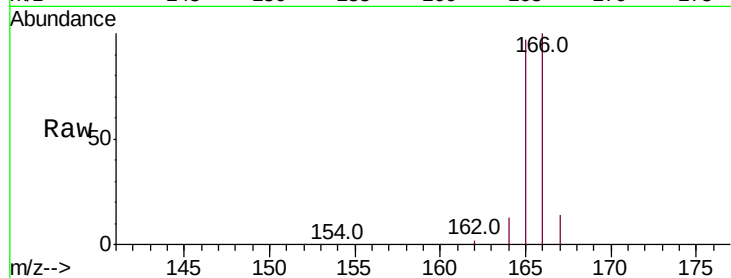
166 100

165 96.8 76.4 114.6

167 14.0 11.0 16.6

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#12

Phenanthrene

Concen: 22.280 ng/ul m

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN006254.D

Acq: 11 Jun 2019 19:48

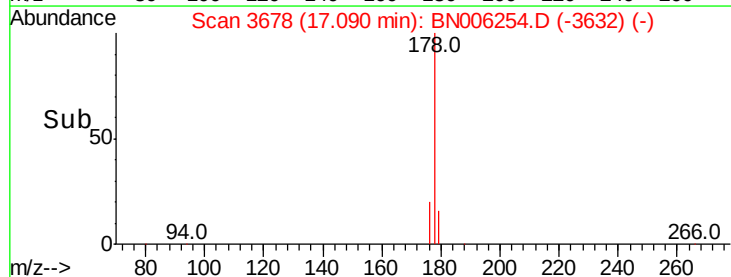
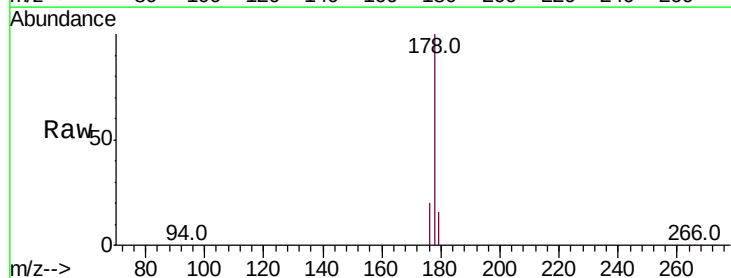
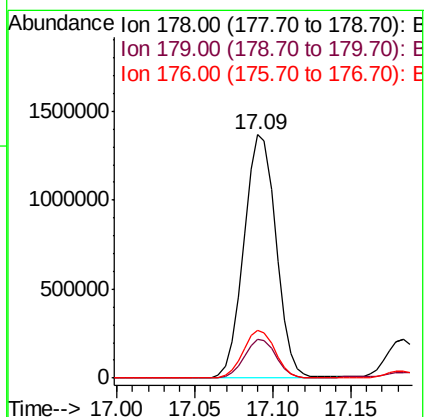
Tgt Ion:178 Resp: 1963782

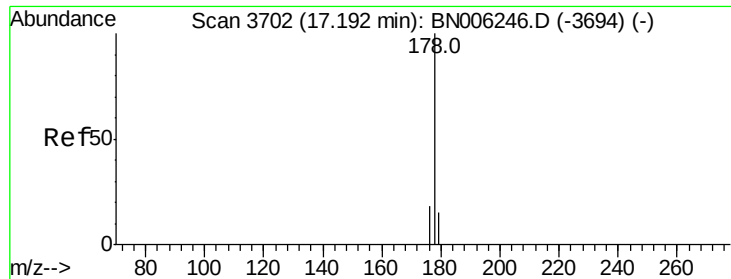
Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

176 19.6 15.3 22.9





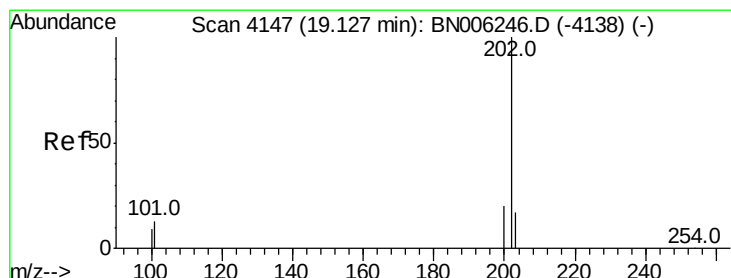
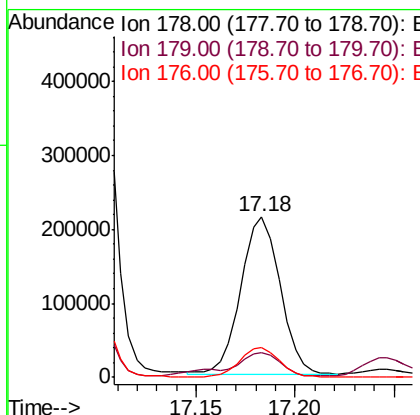
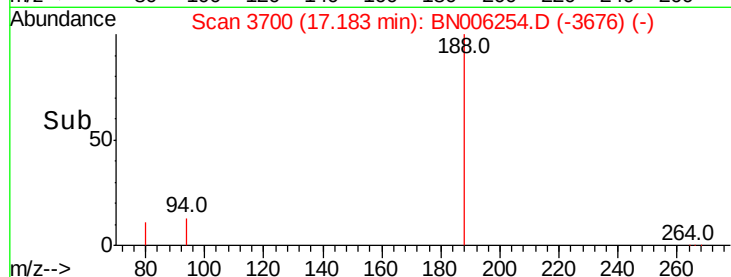
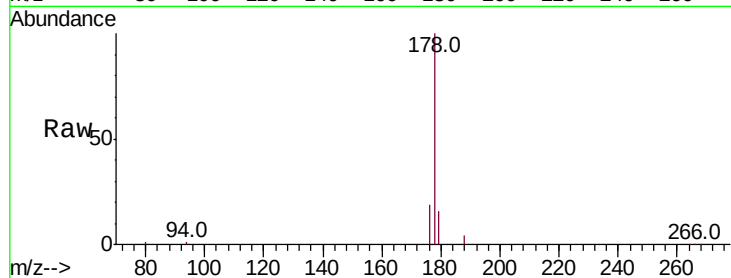
#13
 Anthracene
 Concen: 3.468 ng/ul m
 RT: 17.18 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: BN006254.D
 Acq: 11 Jun 2019 19:48

Instrument :
 BNA_N
 ClientSampleId :
 A51F9

Tot Ion:	178	Resp:	291920
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.2	18.4
176	18.6	15.1	22.7

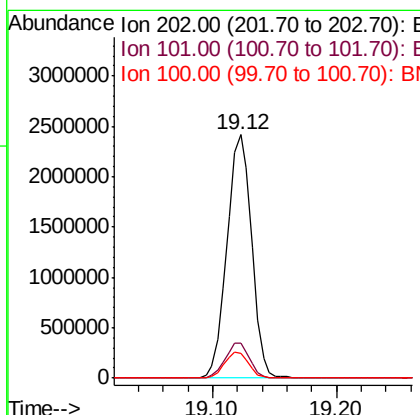
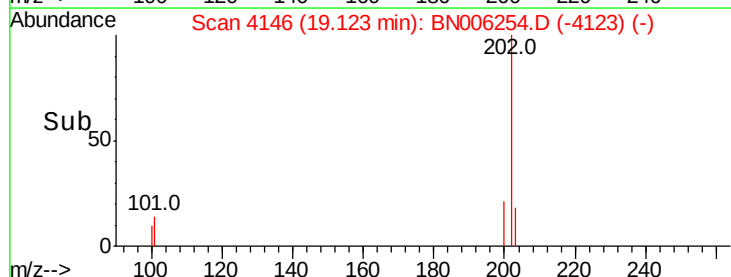
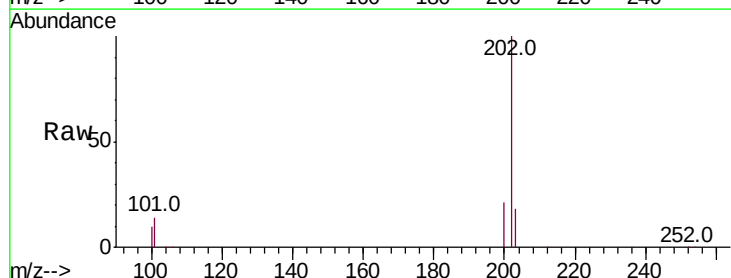
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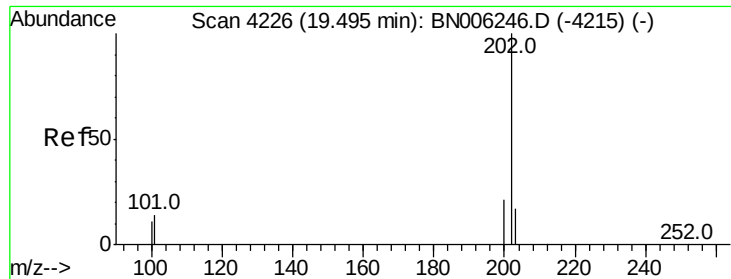
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#15
 Fluoranthene
 Concen: 34.461 ng/ul m
 RT: 19.12 min Scan# 4146
 Delta R.T. 0.00 min
 Lab File: BN006254.D
 Acq: 11 Jun 2019 19:48

Tgt Ion:	202	Resp:	3354006
Ion Ratio	Lower	Upper	
202	100		
101	14.2	0.0	32.1
100	10.4	0.0	28.7





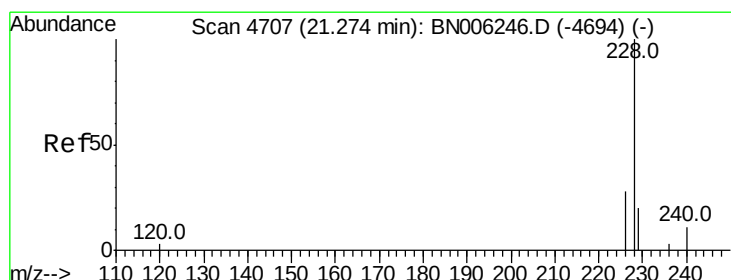
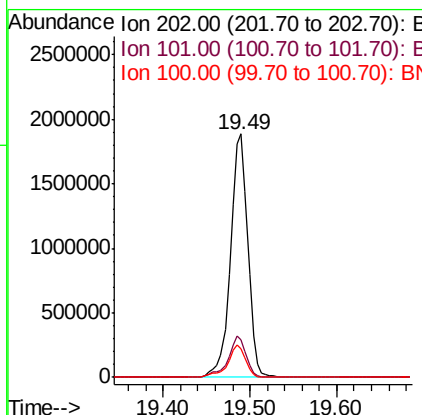
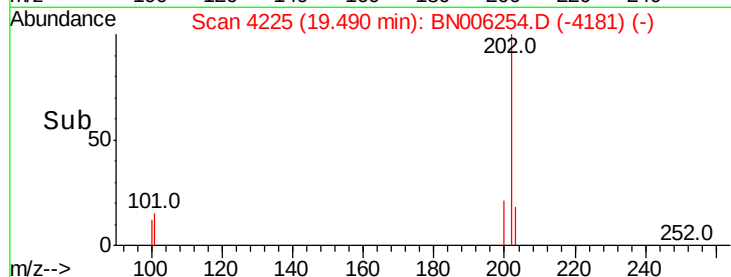
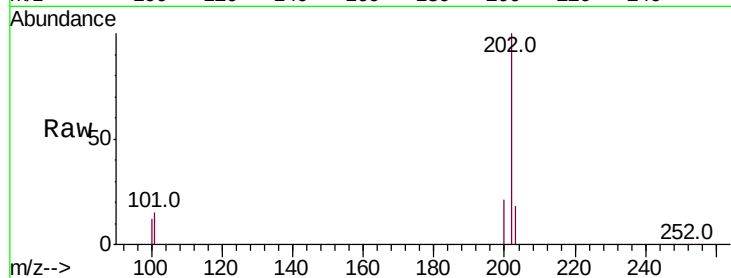
#17
Pvrene
Concen: 34.156 ng/ul
RT: 19.49 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BN006254.D
Acq: 11 Jun 2019 19:48

Instrument :
BNA_N
ClientSampleId :
A51F9

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.2	18.2
100	11.8	9.8	14.6

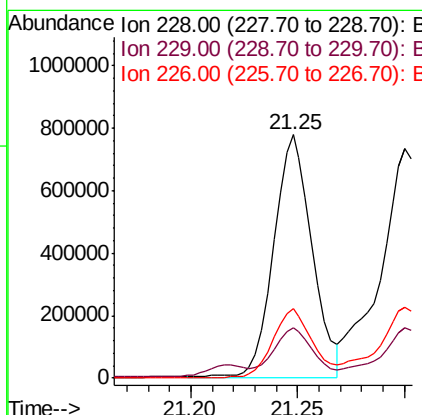
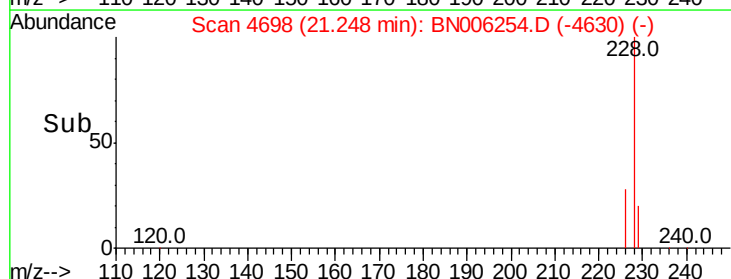
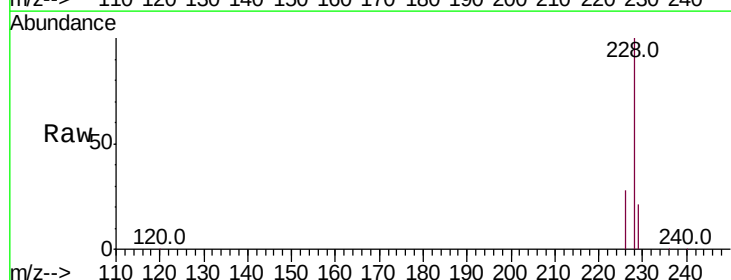
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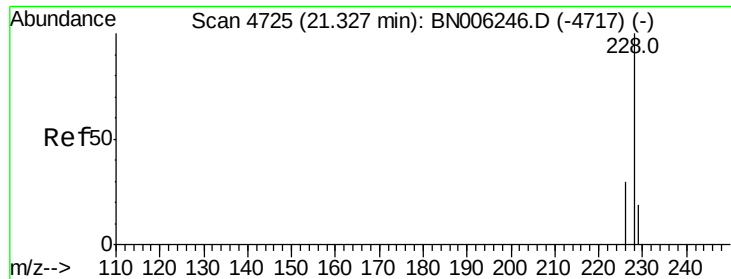
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#18
Benzo(a)anthracene
Concen: 15.040 ng/ul m
RT: 21.25 min Scan# 4698
Delta R.T. -0.00 min
Lab File: BN006254.D
Acq: 11 Jun 2019 19:48

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.5	24.7
226	28.4	22.8	34.2





#19

Chrysene

Concen: 17.713 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. -0.00 min

Lab File: BN006254.D

Acq: 11 Jun 2019 19:48

Instrument :

BNA_N

ClientSampleId :

A51F9

Tot Ion:228 Resp: 1069470

Ion Ratio Lower Upper

228 100

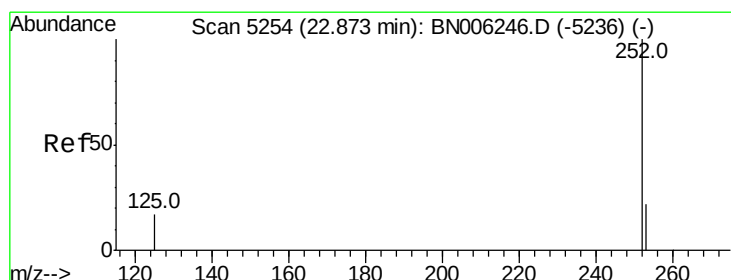
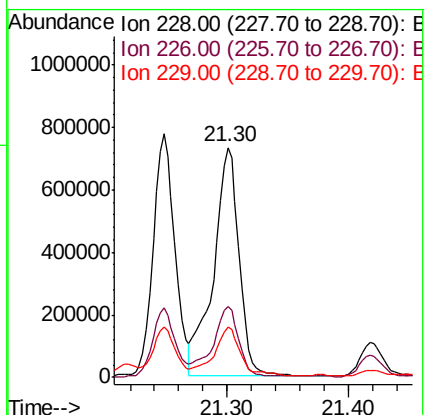
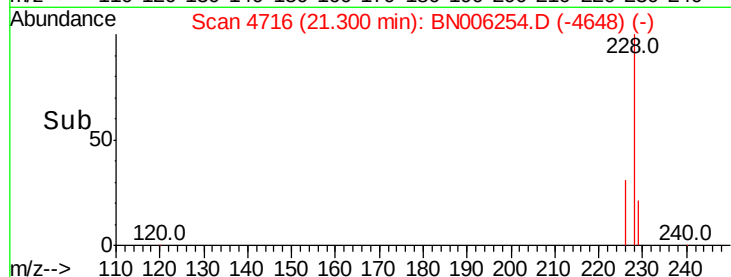
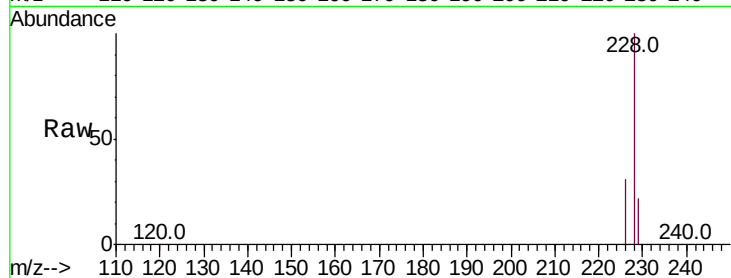
226 31.1 25.0 37.6

229 21.8 16.3 24.5

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#21

Benzo(b)fluoranthene

Concen: 19.447 ng/ul m

RT: 22.83 min Scan# 5240

Delta R.T. 0.01 min

Lab File: BN006254.D

Acq: 11 Jun 2019 19:48

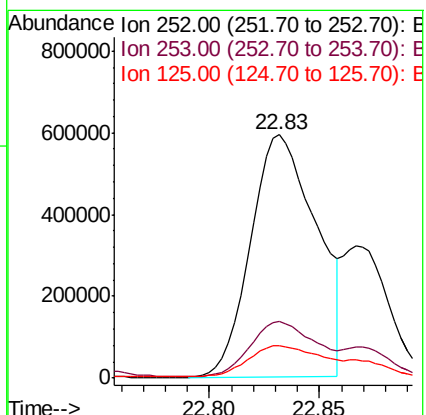
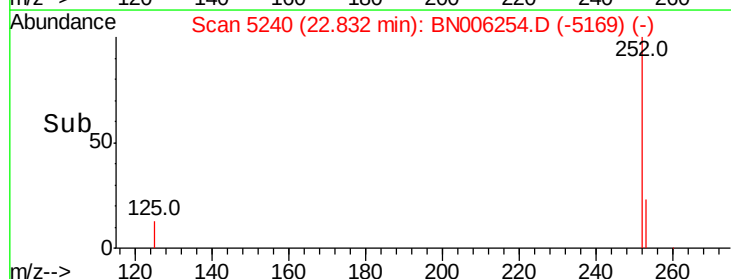
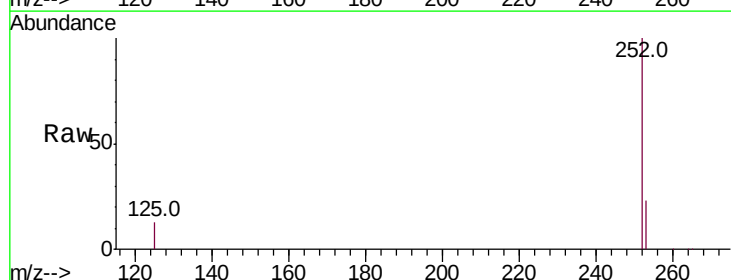
Tgt Ion:252 Resp: 1239722

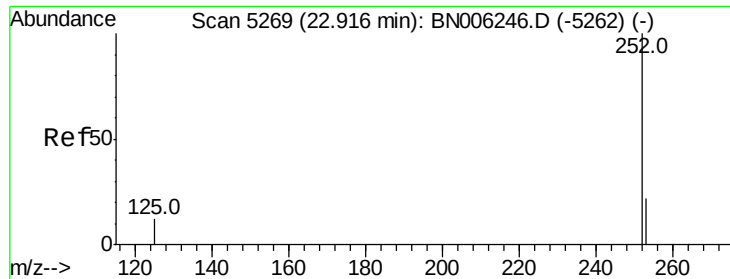
Ion Ratio Lower Upper

252 100

253 23.2 0.0 51.4

125 13.3 0.0 41.0





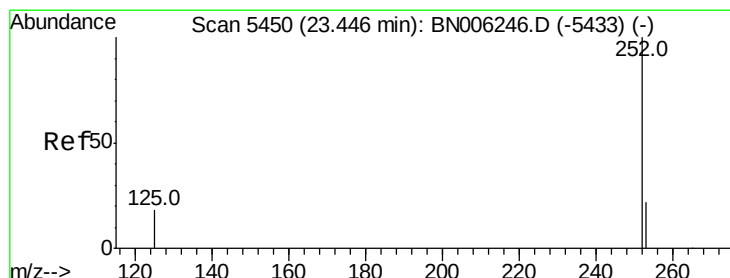
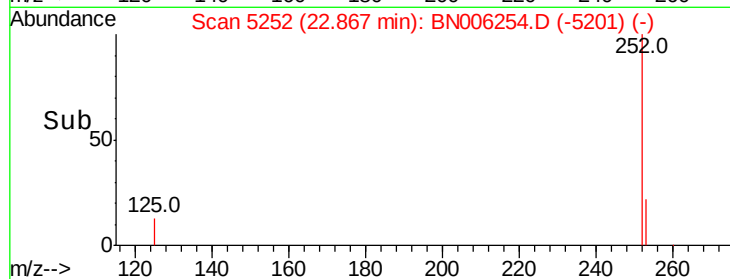
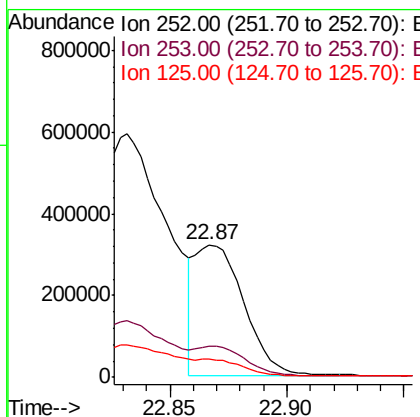
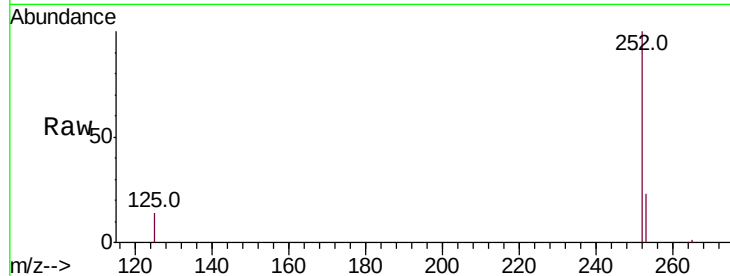
#22
Benzo(k)fluoranthene
Concen: 7.481 ng/ul m
RT: 22.87 min Scan# 5252
Delta R.T. -0.00 min
Lab File: BN006254.D
Acq: 11 Jun 2019 19:48

Instrument :
BNA_N
ClientSampleId :
A51F9

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.3	30.5
125	13.5	14.3	21.5#

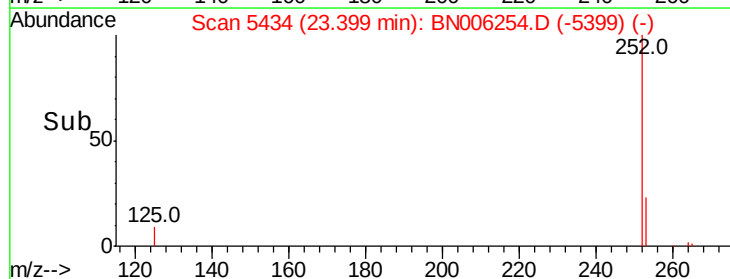
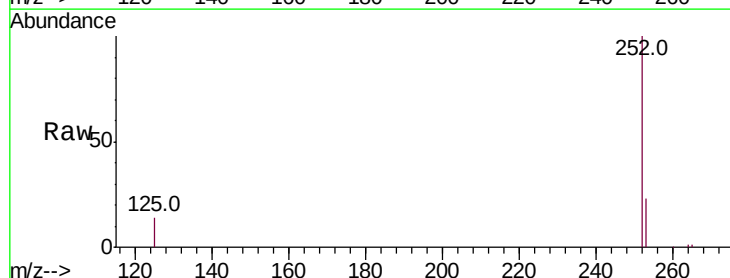
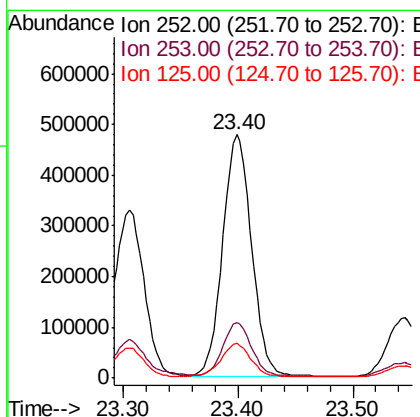
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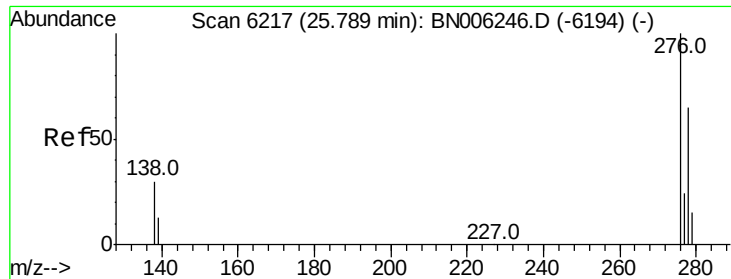
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#23
Benzo(a)pyrene
Concen: 14.059 ng/ul m
RT: 23.40 min Scan# 5434
Delta R.T. 0.00 min
Lab File: BN006254.D
Acq: 11 Jun 2019 19:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	21.1	31.7
125	14.1	20.3	30.5#





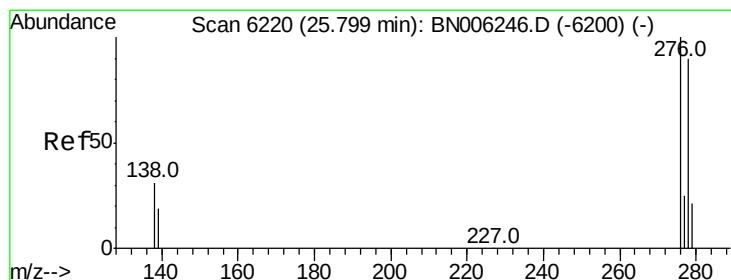
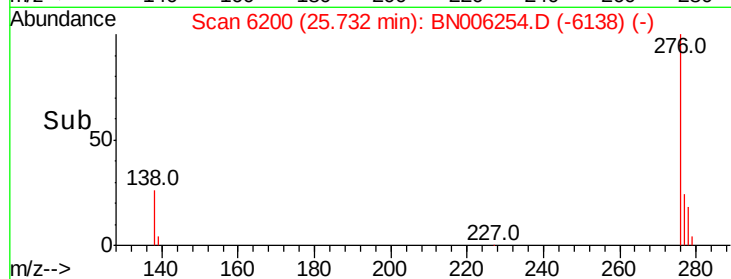
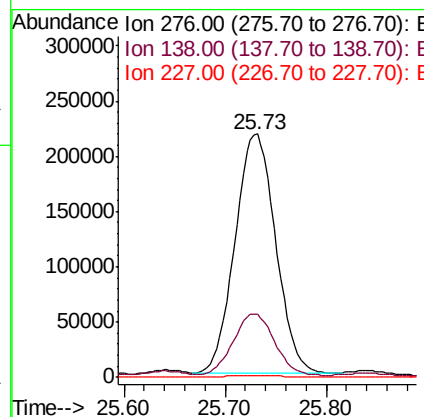
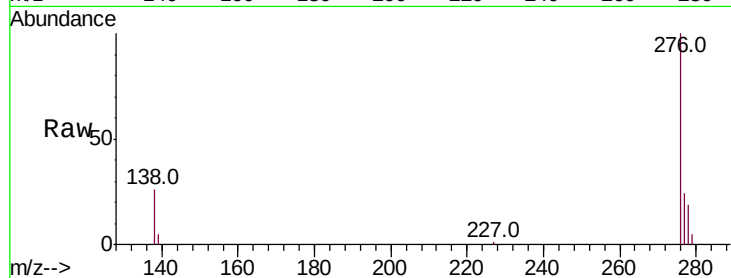
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 9.374 ng/ul
 RT: 25.73 min Scan# 6200
 Delta R.T. 0.01 min
 Lab File: BN006254.D
 Acq: 11 Jun 2019 19:48

Instrument :
 BNA_N
 ClientSampleId :
 A51F9

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	25.6	38.4
227	0.2	0.3	0.5

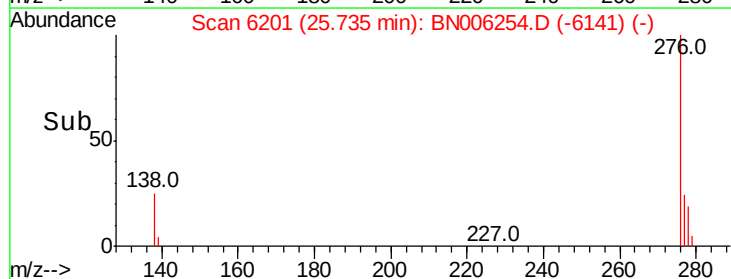
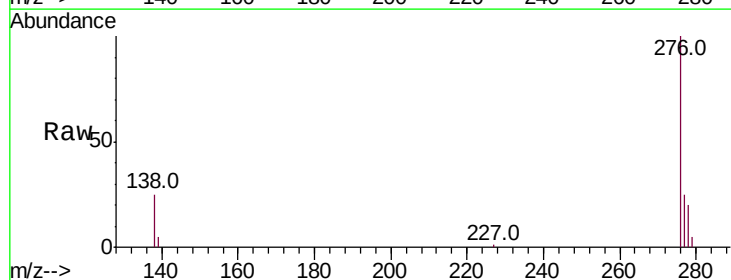
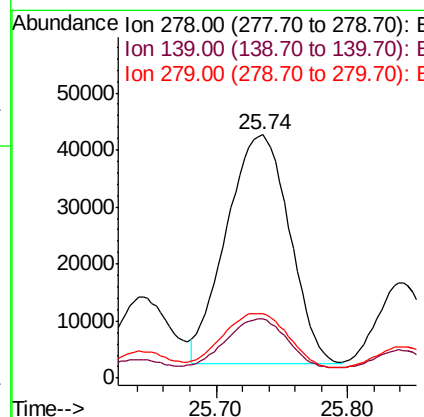
Manual Integrations
 APPROVED

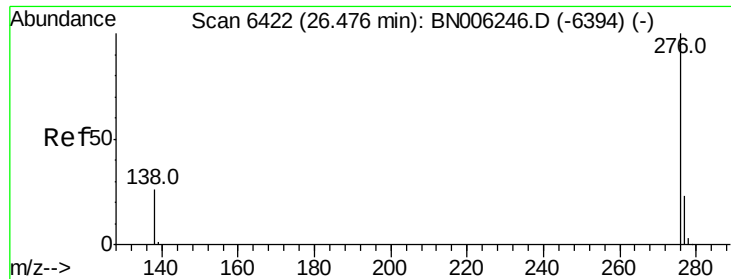
mohammad
 6/12/2019 8:19:04 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 2.610 ng/ul m
 RT: 25.74 min Scan# 6201
 Delta R.T. -0.00 min
 Lab File: BN006254.D
 Acq: 11 Jun 2019 19:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.1	21.2	31.8
279	26.2	22.6	33.8





#26
 Benzo(a,h,i)perylene
 Concen: 10.217 ng/ul
 RT: 26.42 min Scan# 6404
 Delta R.T. 0.01 min
 Lab File: BN006254.D
 Acq: 11 Jun 2019 19:48

Instrument :
 BNA_N
 ClientSampleId :
 A51F9

Tot Ion:	276	Resp:	549934
Ion Ratio	Lower	Upper	
276	100		
138	26.9	24.2	36.4
277	24.1	21.5	32.3

Manual Integrations
 APPROVED

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 6/12/2019 8:19:04 AM

