

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080919\
 Data File : BN007041.D
 Acq On : 09 Aug 2019 16:10
 Operator : HP/JU
 Sample : K3962-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP08

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mohammad
 8/14/2019 2:49:44 AM

Quant Time: Aug 09 17:29:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	9262	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.22	136	35205	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.11	164	20995	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	53791m	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	46021m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	39496m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.82	152	16154	0.26	ng/ul	-0.01
14) Fluoranthene-d10	18.90	212	48659m	0.28	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.27	128	3247	0.032	ng/ul#	93
5) 2-Methylnaphthalene	11.90	142	1771	0.023	ng/ul	99
7) Acenaphthylene	13.82	152	6576	0.054	ng/ul	97
8) Acenaphthene	14.17	153	2014	0.024	ng/ul	98
9) Fluorene	15.17	166	3355	0.033	ng/ul#	96
12) Phenanthrene	16.90	178	77745m	0.454	ng/ul	
13) Anthracene	16.99	178	19359m	0.110	ng/ul	
15) Fluoranthene	18.93	202	160532m	0.753	ng/ul	
17) Pyrene	19.30	202	171048	0.833	ng/ul	98
18) Benzo(a)anthracene	21.06	228	103372m	0.511	ng/ul	
19) Chrysene	21.12	228	102010	0.539	ng/ul	98
21) Benzo(b)fluoranthene	22.59	252	98823m	0.617	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	41313m	0.266	ng/ul	
23) Benzo(a)pyrene	23.12	252	77179	0.512	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.31	276	44374	0.273	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.33	278	14626	0.113	ng/ul#	79
26) Benzo(g,h,i)perylene	25.94	276	43759	0.321	ng/ul	98

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

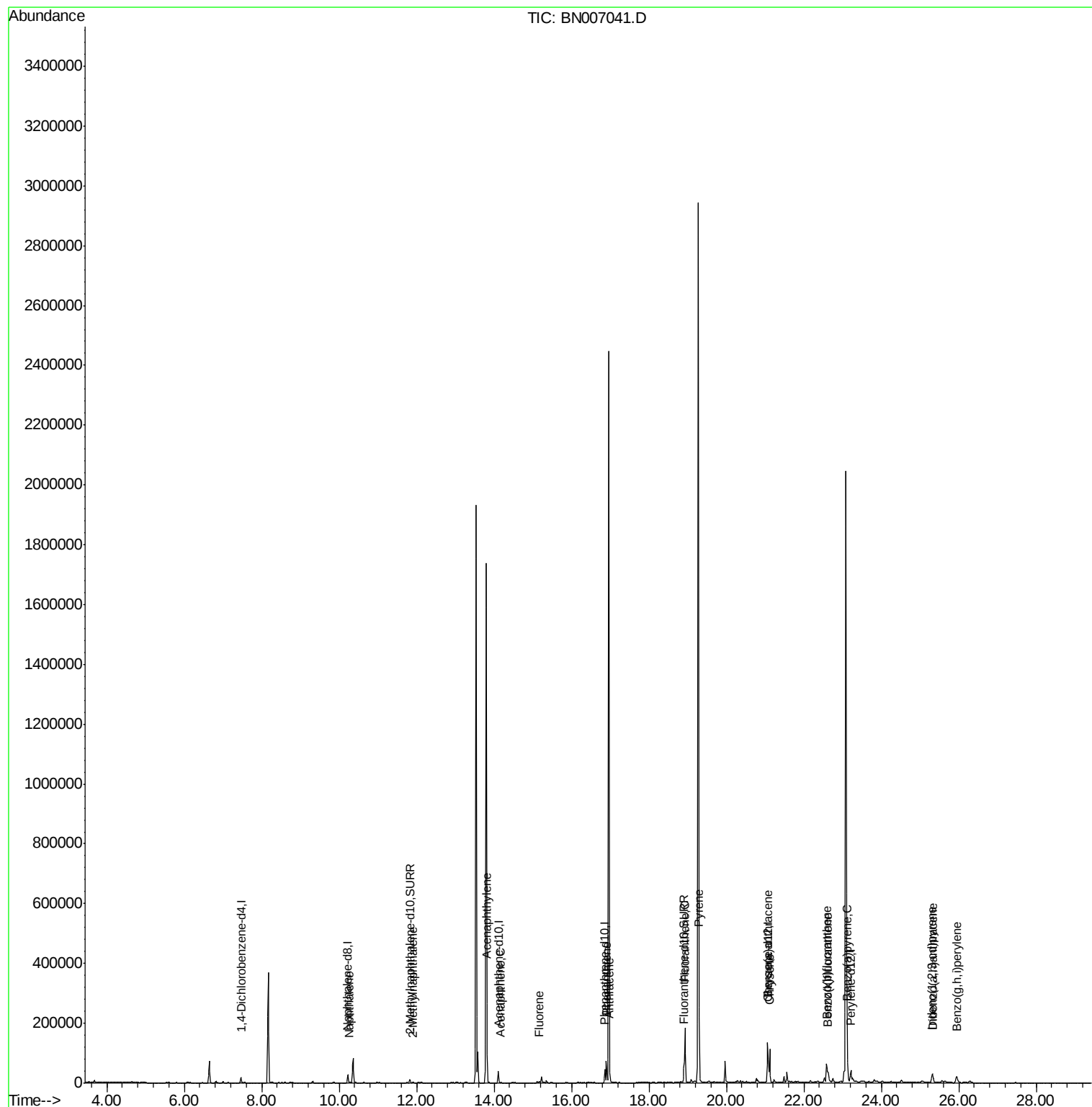
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080919\
Data File : BN007041.D
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ALS Vial : 4 Sample Multiplier: 1

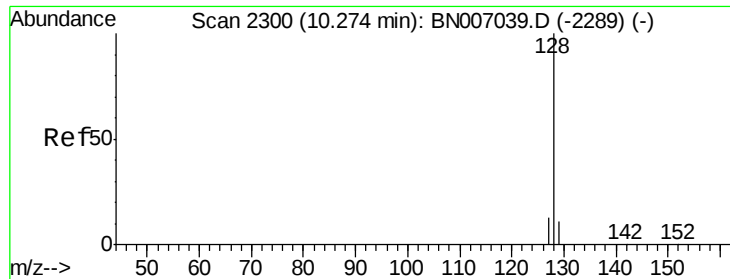
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
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#3

Naphthalene

Concen: 0.032 ng/ul

RT: 10.27 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BN007041.D

Acq: 09 Aug 2019 16:10

Instrument :

BNA_N

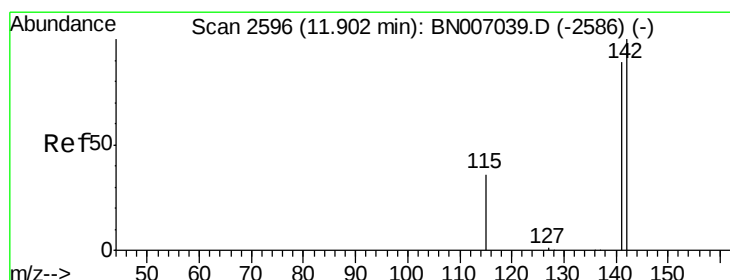
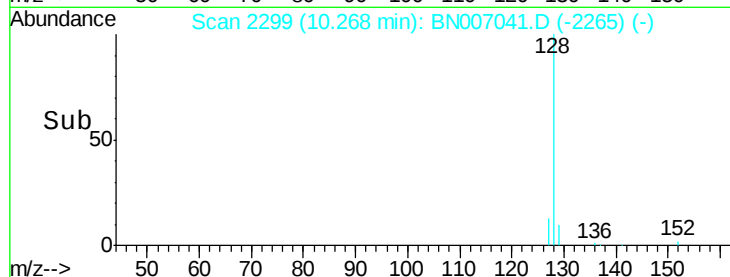
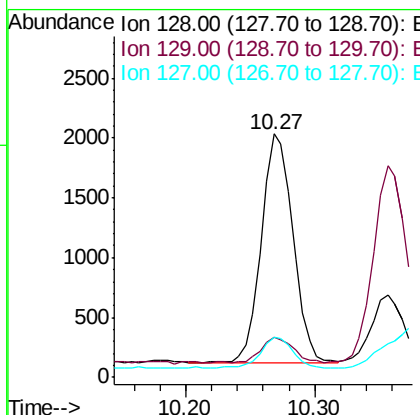
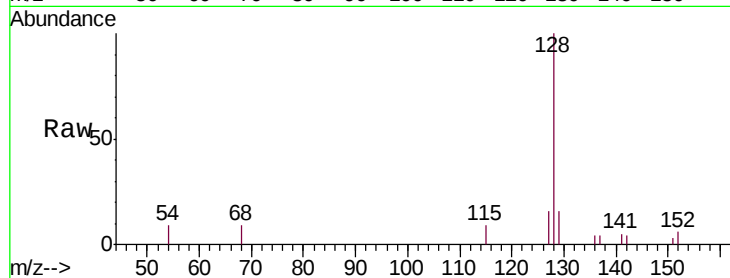
ClientSampleId :

BEP08

Tgt Ion:	128	Resp:	3247
Ion Ratio		Lower	Upper
128	100		
129	16.5	10.0	15.0#
127	16.3	11.7	17.5

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#5

2-Methylnaphthalene

Concen: 0.023 ng/ul

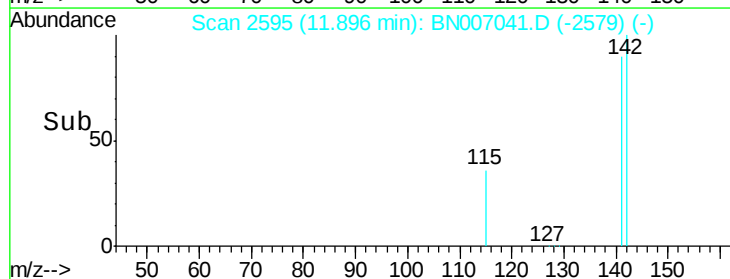
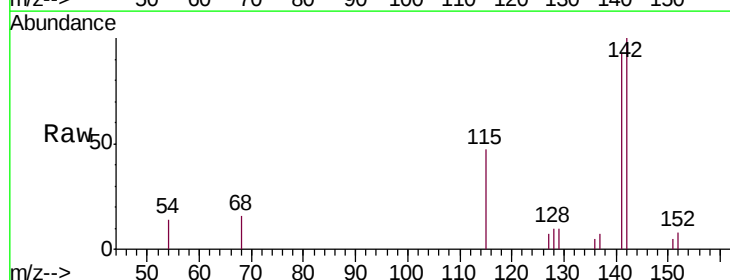
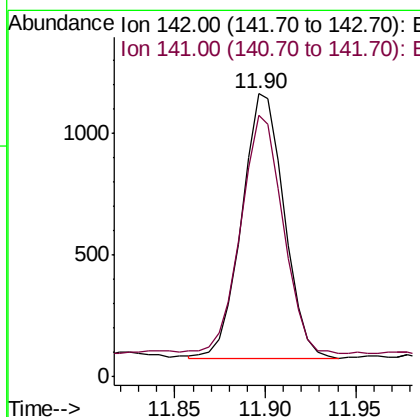
RT: 11.90 min Scan# 2595

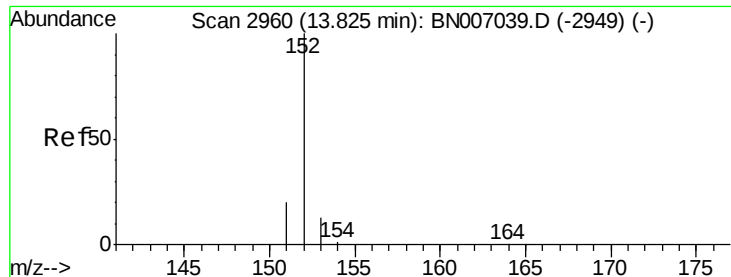
Delta R.T. -0.01 min

Lab File: BN007041.D

Acq: 09 Aug 2019 16:10

Tgt Ion:	142	Resp:	1771
Ion Ratio		Lower	Upper
142	100		
141	89.7	71.0	106.6





#7

Acenaphthylene

Concen: 0.054 ng/ul

RT: 13.82 min Scan# 2960

Delta R.T. -0.00 min

Lab File: BN007041.D

Acq: 09 Aug 2019 16:10

Instrument :

BNA_N

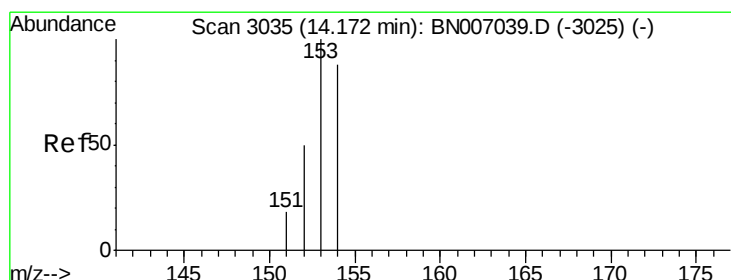
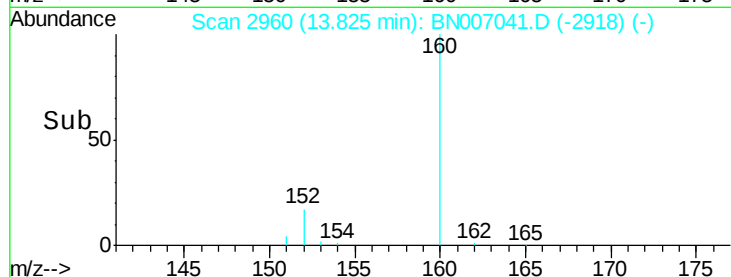
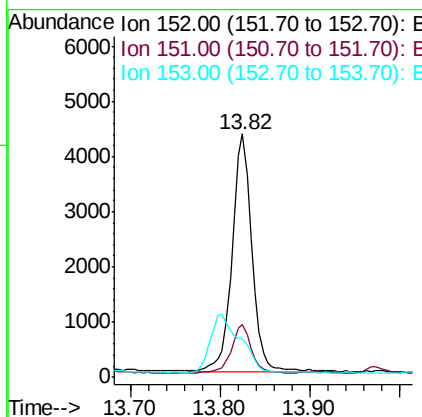
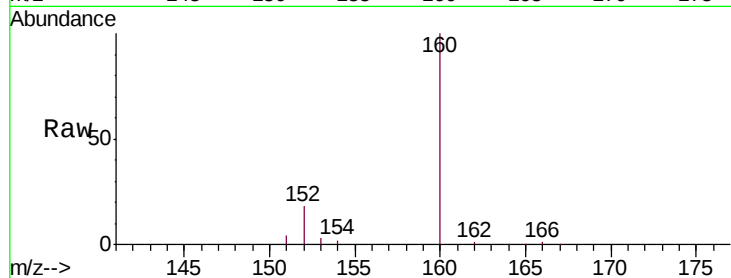
ClientSampleId :

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Tgt Ion:	152	Resp:	6576
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.3	24.5
153	15.7	11.0	16.4

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#8

Acenaphthene

Concen: 0.024 ng/ul

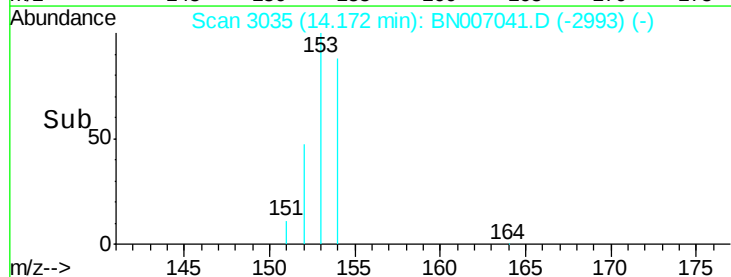
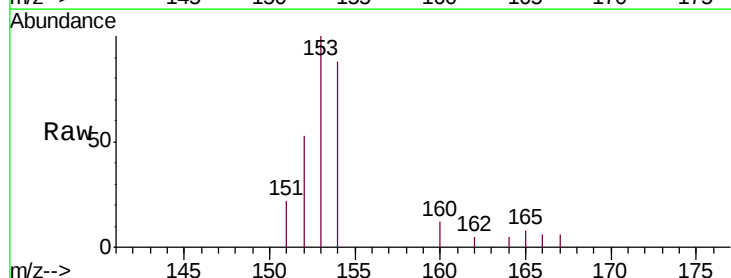
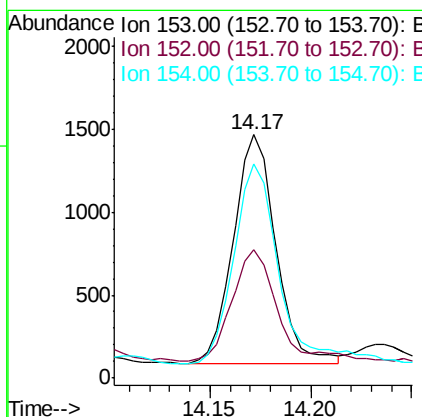
RT: 14.17 min Scan# 3035

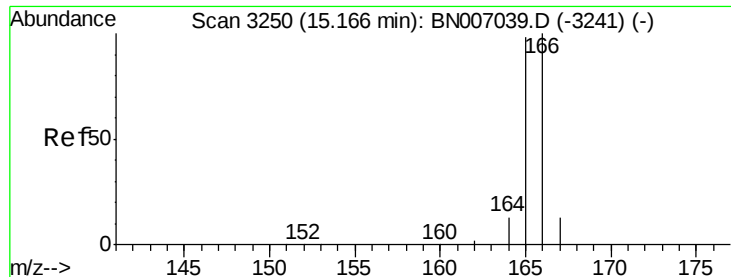
Delta R.T. -0.00 min

Lab File: BN007041.D

Acq: 09 Aug 2019 16:10

Tgt Ion:	153	Resp:	2014
Ion Ratio	Lower	Upper	
153	100		
152	52.7	39.4	59.2
154	88.2	70.1	105.1





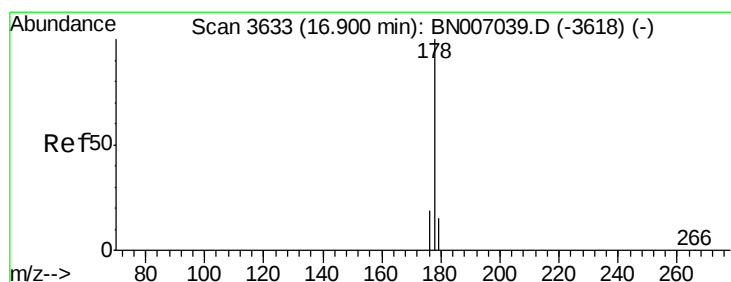
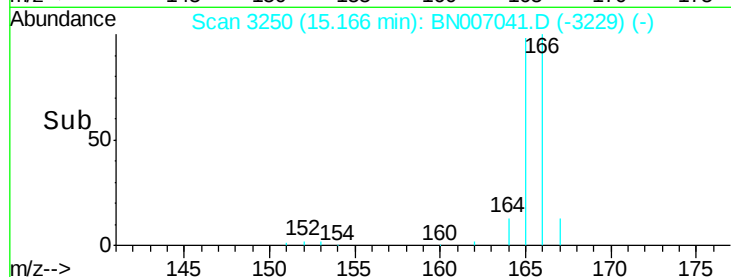
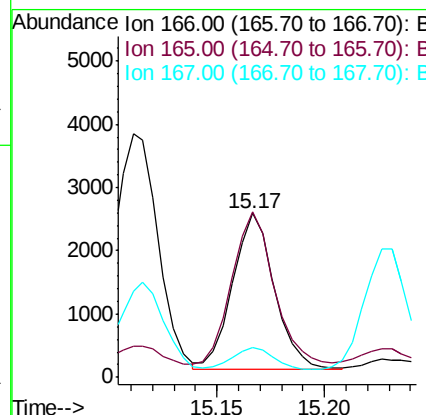
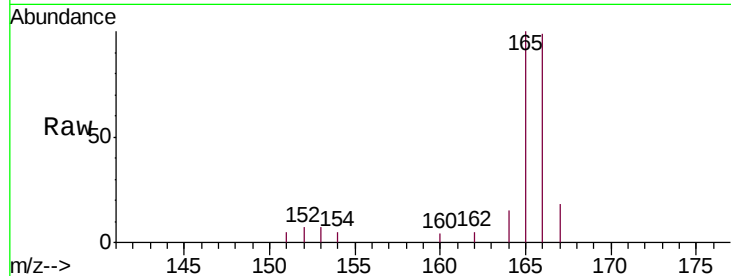
#9
Fluorene
 Concen: 0.033 ng/ul
 RT: 15.17 min Scan# 3250
 Delta R.T. -0.00 min
 Lab File: BN007041.D
 Acq: 09 Aug 2019 16:10

Instrument :
 BNA_N
 ClientSampled :
 BEP08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.3	78.8	118.2
167	18.5	11.3	16.9#

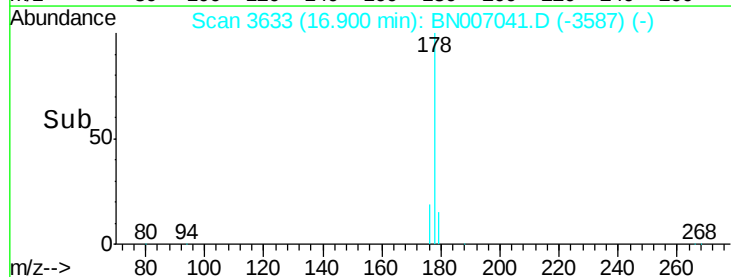
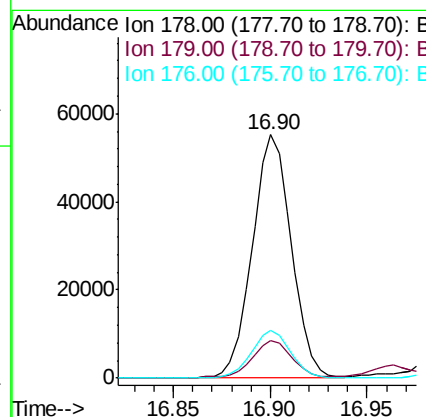
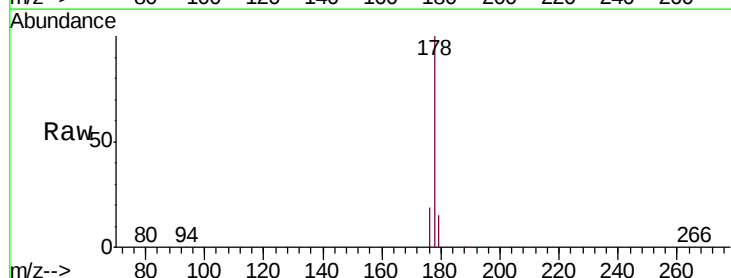
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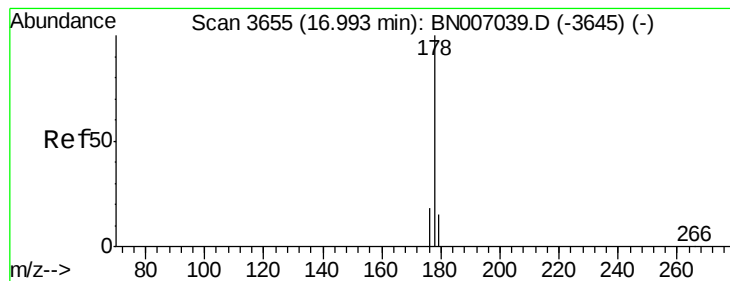
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#12
Phenanthrene
 Concen: 0.454 ng/ul m
 RT: 16.90 min Scan# 3633
 Delta R.T. -0.00 min
 Lab File: BN007041.D
 Acq: 09 Aug 2019 16:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	19.4	15.6	23.4





#13

Anthracene

Concen: 0.110 ng/ul m

RT: 16.99 min Scan# 3655

Delta R.T. -0.00 min

Lab File: BN007041.D

Acq: 09 Aug 2019 16:10

Instrument :

BNA_N

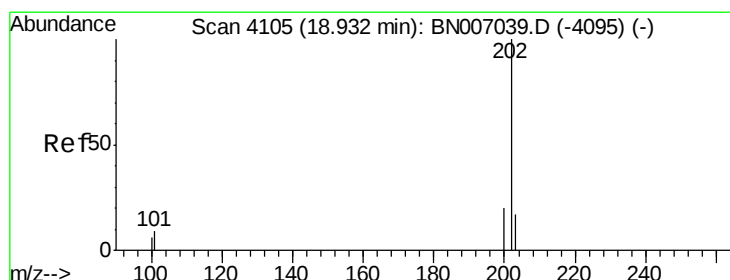
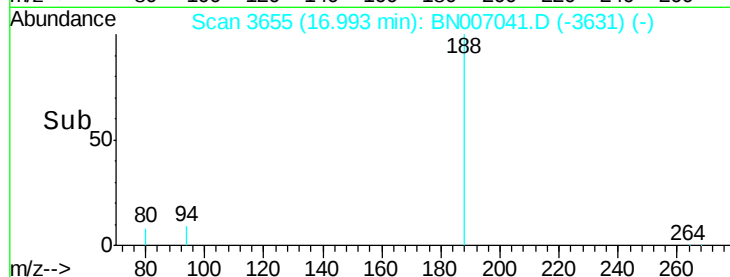
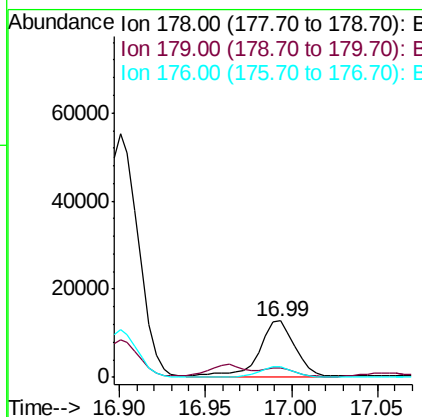
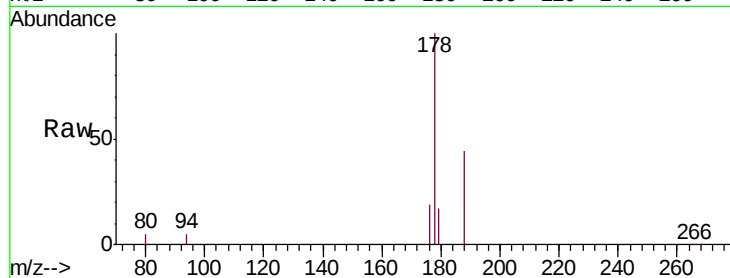
ClientSampleId :

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Tgt Ion:	178	Resp:	19359
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.6	18.8
176	18.9	15.4	23.0

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#15

Fluoranthene

Concen: 0.753 ng/ul m

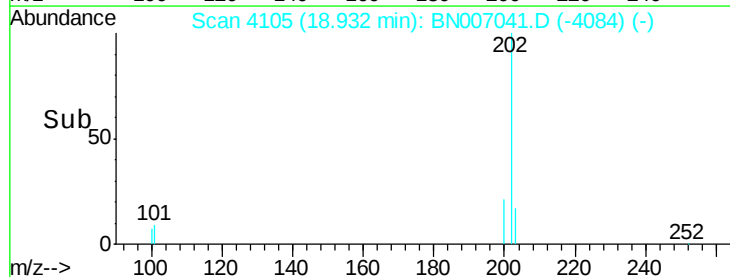
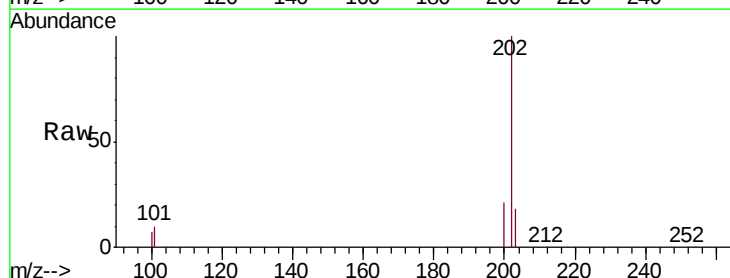
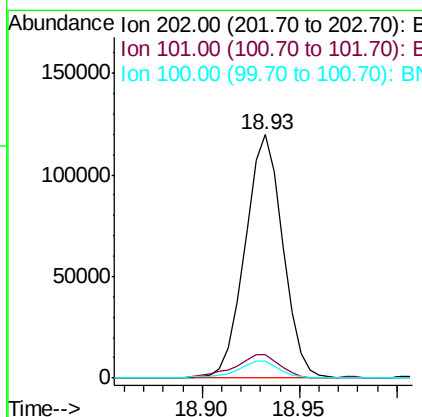
RT: 18.93 min Scan# 4105

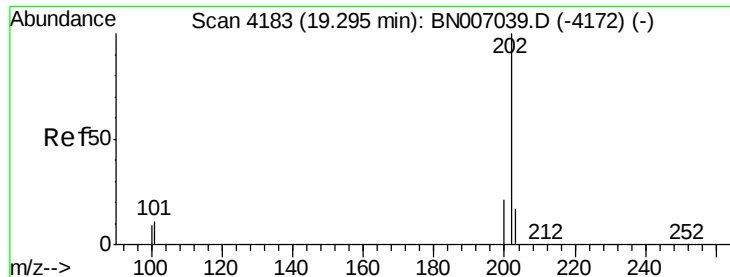
Delta R.T. -0.00 min

Lab File: BN007041.D

Acq: 09 Aug 2019 16:10

Tgt Ion:	202	Resp:	160532
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	30.0
100	6.8	0.0	27.7





#17

Pyrene

Concen: 0.833 ng/ul

RT: 19.30 min Scan# 4184

Delta R.T. -0.00 min

Lab File: BN007041.D

Acq: 09 Aug 2019 16:10

Instrument :

BNA_N

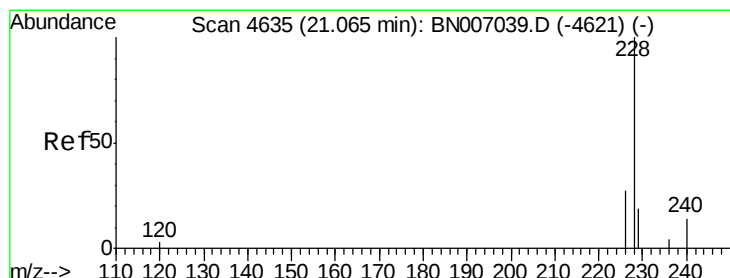
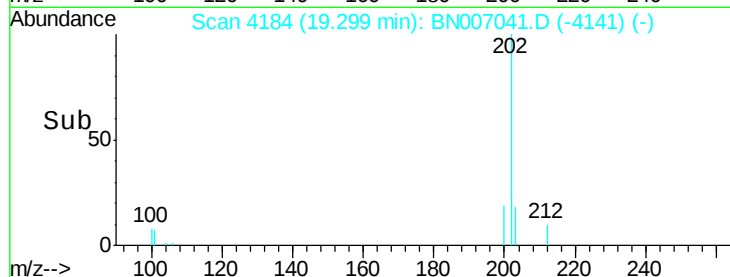
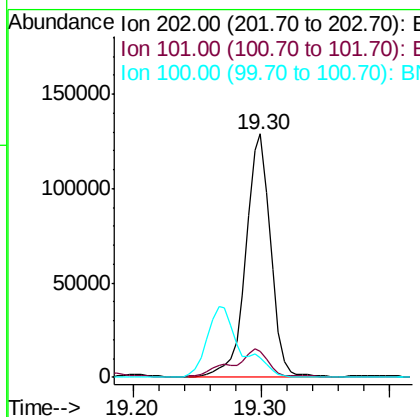
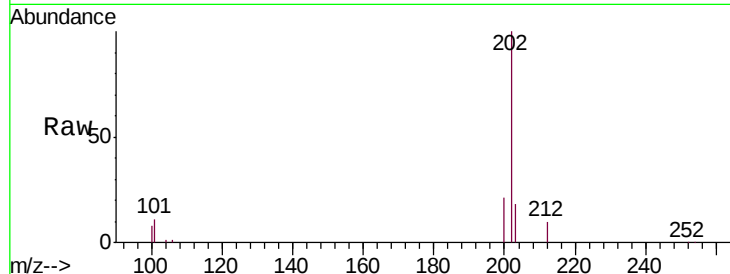
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Tgt Ion:	202	Resp:	171048
Ion Ratio	Lower	Upper	
202	100		
101	10.6	9.3	13.9
100	8.2	7.3	10.9

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#18

Benzo(a)anthracene

Concen: 0.511 ng/ul m

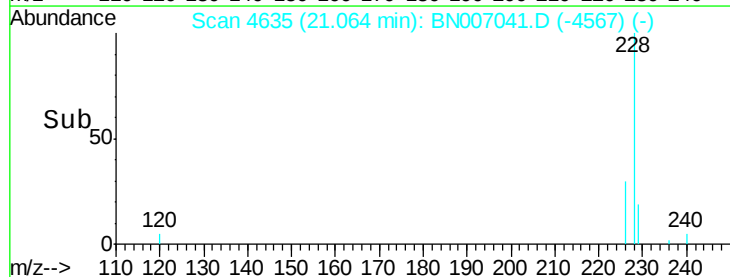
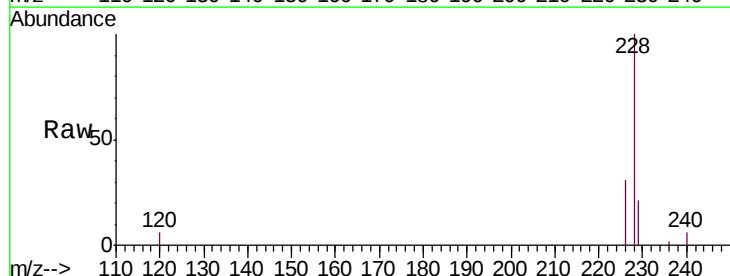
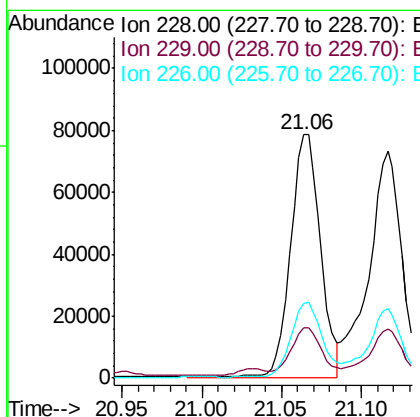
RT: 21.06 min Scan# 4635

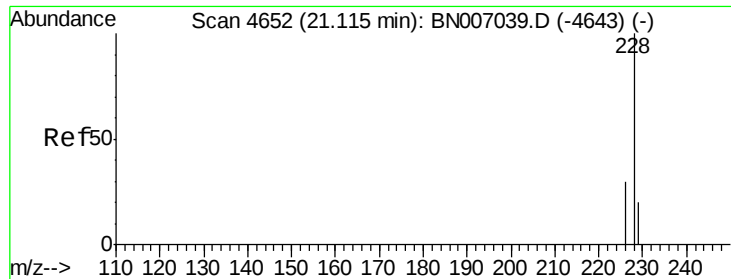
Delta R.T. -0.00 min

Lab File: BN007041.D

Acq: 09 Aug 2019 16:10

Tgt Ion:	228	Resp:	103372
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.9	23.9
226	30.7	22.2	33.4





#19

Chrysene

Concen: 0.539 ng/ul

RT: 21.12 min Scan# 4653

Delta R.T. 0.00 min

Lab File: BN007041.D

Acq: 09 Aug 2019 16:10

Instrument :

BNA_N

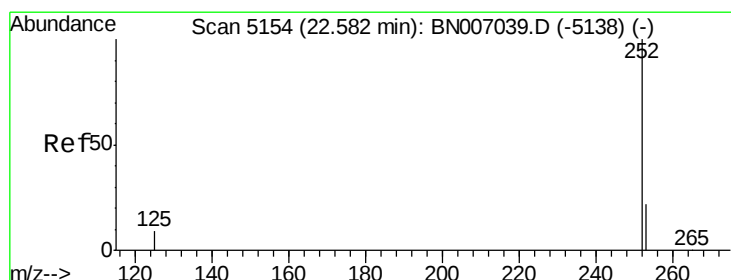
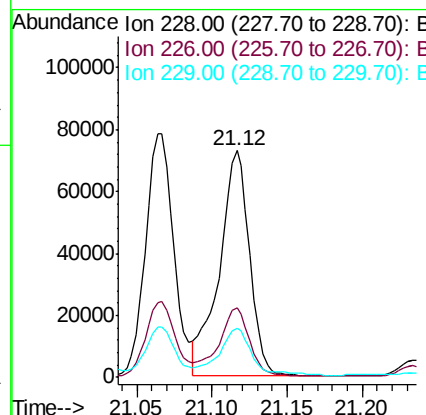
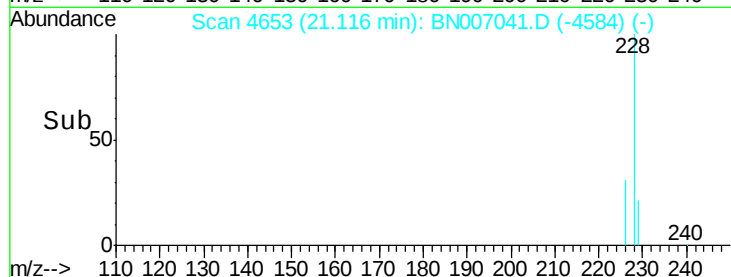
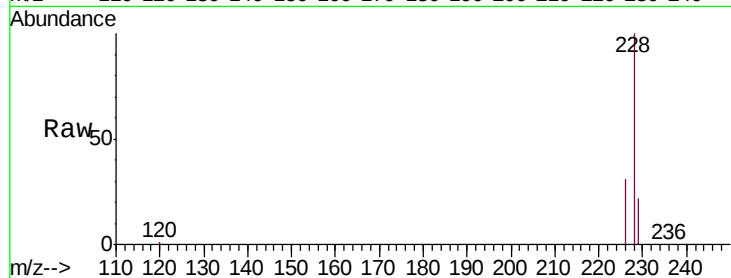
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Tgt Ion:	228	Resp:	102010
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.7	37.1
229	21.8	15.5	23.3

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#21

Benzo(b)fluoranthene

Concen: 0.617 ng/ul m

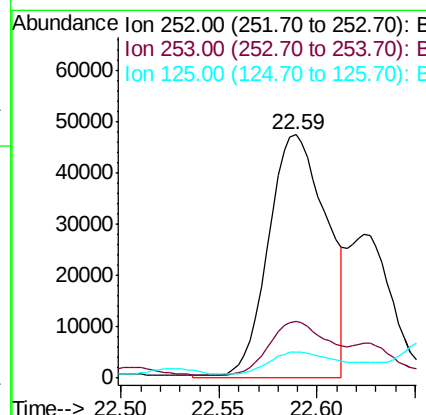
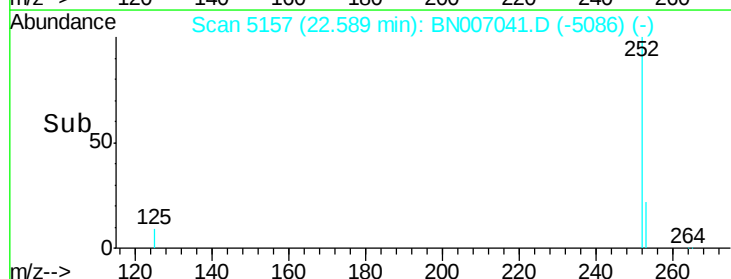
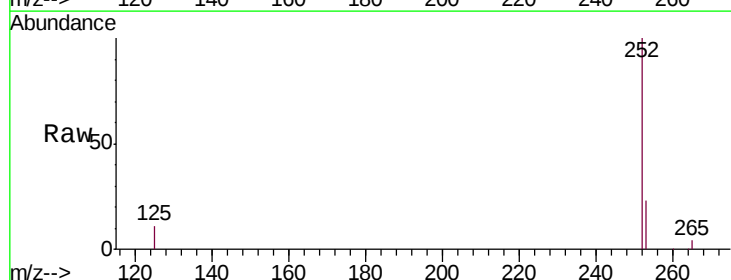
RT: 22.59 min Scan# 5157

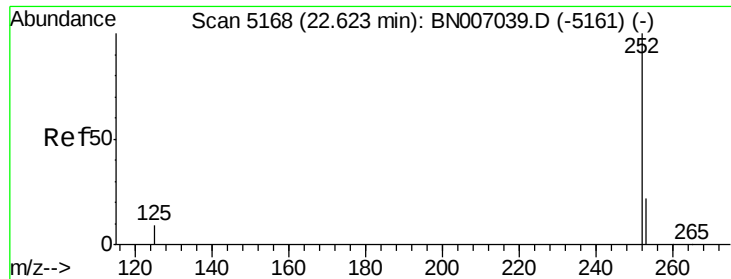
Delta R.T. 0.01 min

Lab File: BN007041.D

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Tgt Ion:	252	Resp:	98823
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	45.2
125	10.6	0.0	22.2





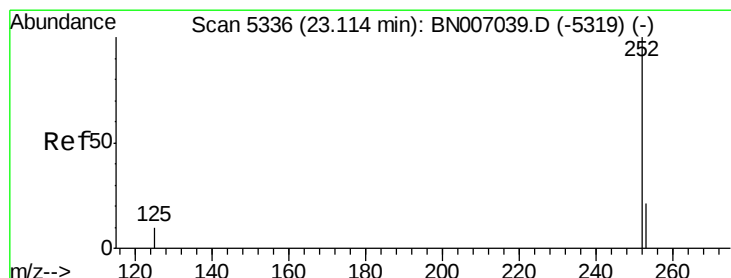
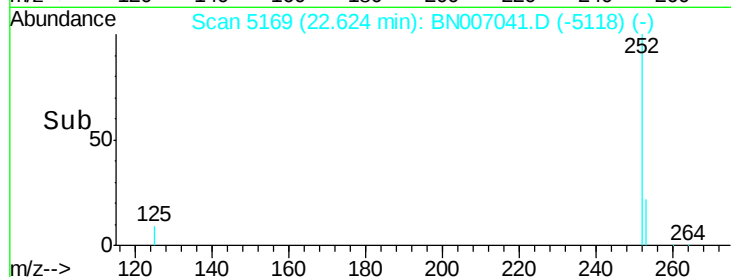
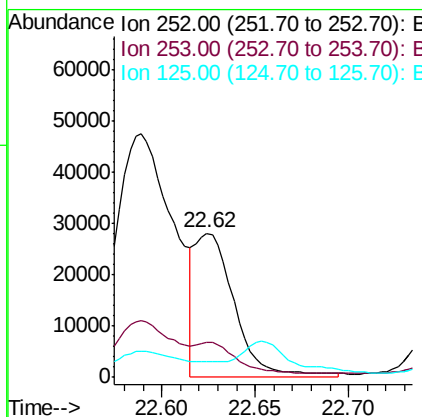
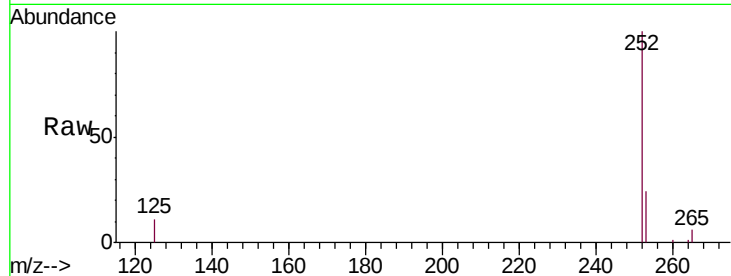
#22
Benzo(k)fluoranthene
Concen: 0.266 ng/ul m
RT: 22.62 min Scan# 5169
Delta R.T. -0.00 min
Lab File: BN007041.D
Acq: 09 Aug 2019 16:10

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.6	28.0
125	11.3	8.7	13.1

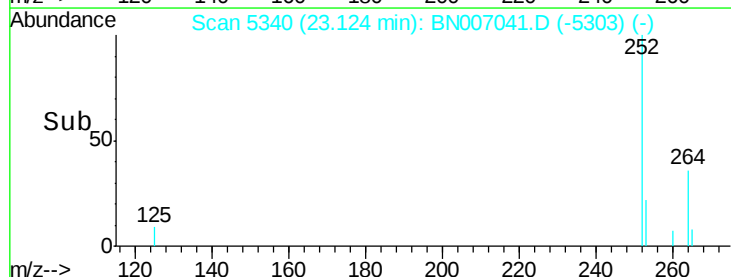
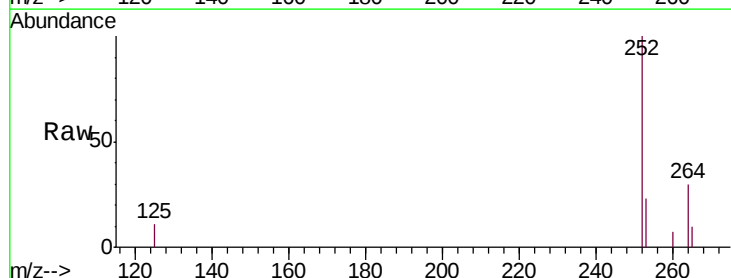
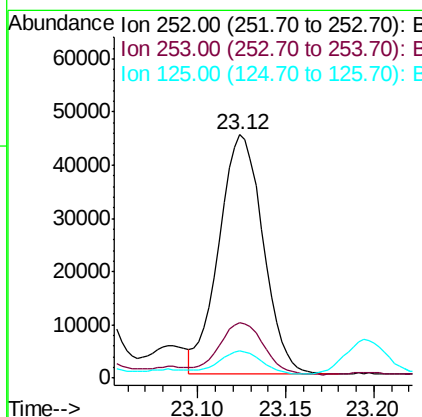
Manual Integrations
APPROVED

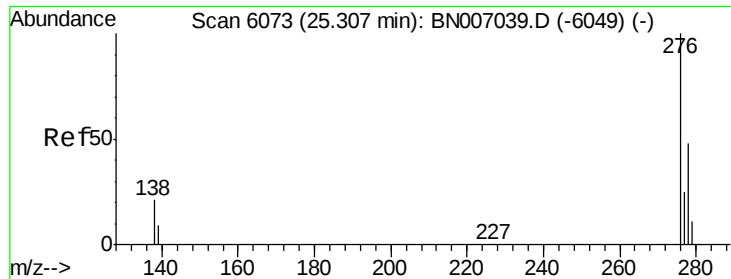
mohammad
8/14/2019 2:49:44 AM



#23
Benzo(a)pyrene
Concen: 0.512 ng/ul
RT: 23.12 min Scan# 5340
Delta R.T. 0.01 min
Lab File: BN007041.D
Acq: 09 Aug 2019 16:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	11.1	10.0	15.0





#24

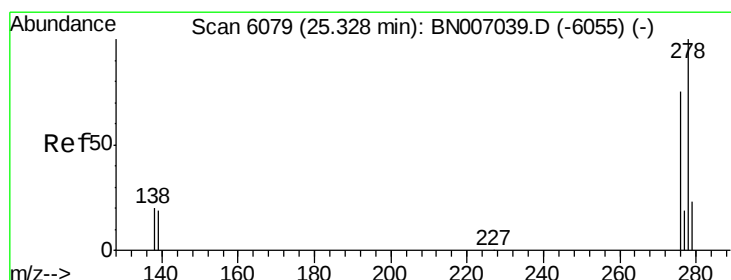
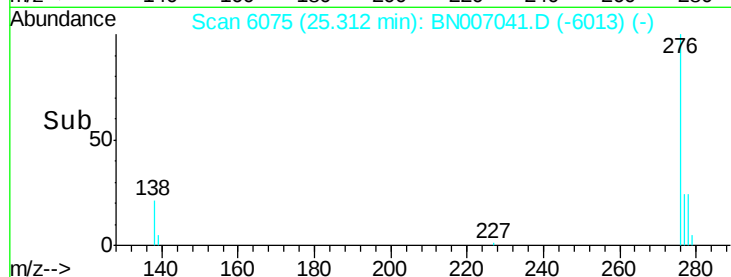
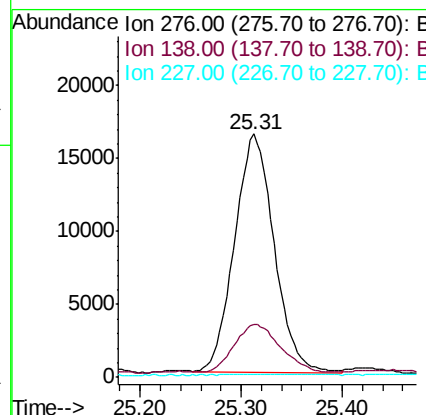
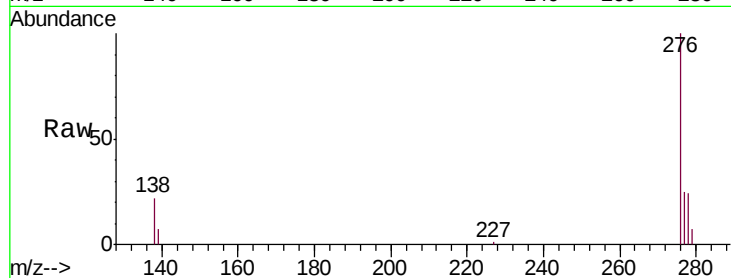
Indeno(1,2,3-cd)pyrene
Concen: 0.273 ng/ul
RT: 25.31 min Scan# 6075
Delta R.T. 0.01 min
Lab File: BN007041.D
Acq: 09 Aug 2019 16:10

Instrument :
BNA_N
ClientSampleId :
BEP08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.9	29.9
227	0.0	0.2	0.4

Manual Integrations
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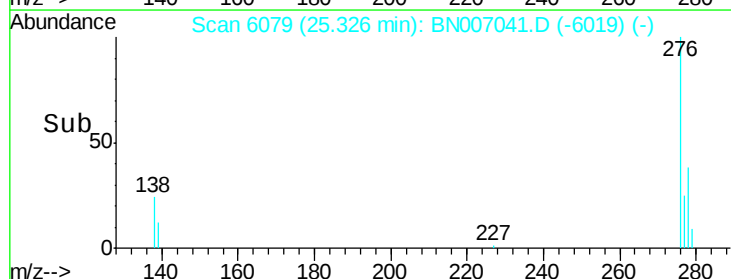
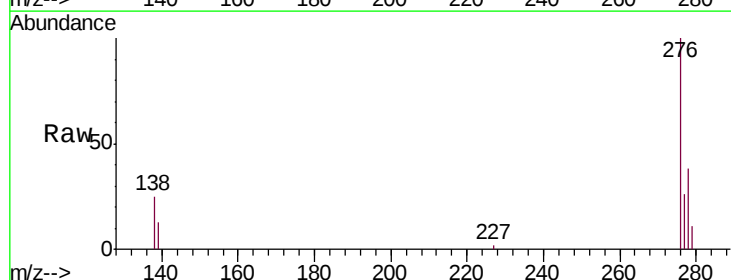
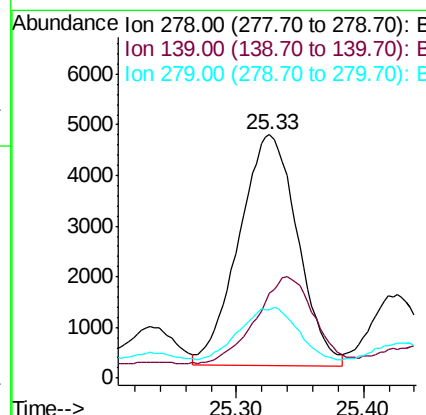
mohammad
8/14/2019 2:49:44 AM

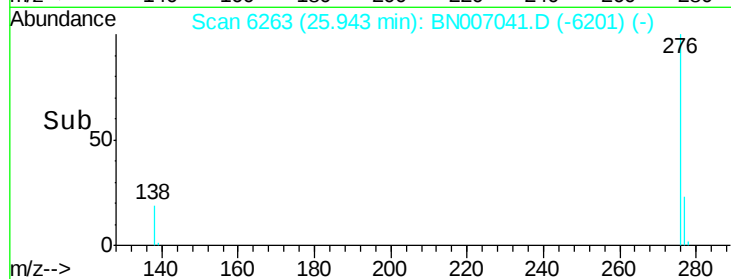
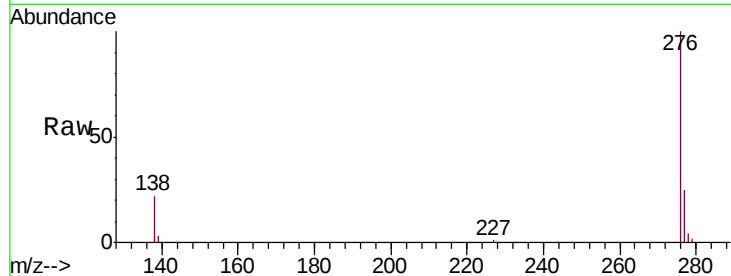
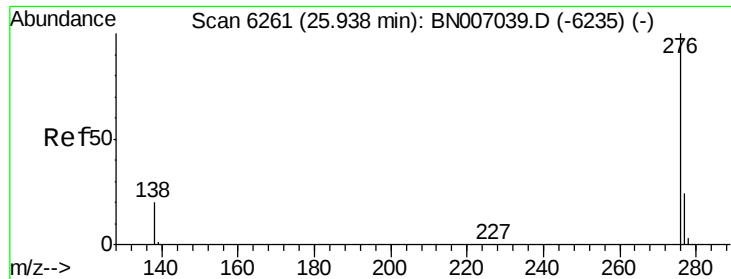


#25

Dibenzo(a,h)anthracene
Concen: 0.113 ng/ul
RT: 25.33 min Scan# 6079
Delta R.T. -0.00 min
Lab File: BN007041.D
Acq: 09 Aug 2019 16:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	34.8	14.3	21.5
279	28.3	19.6	29.4





#26

Benzo(g,h,i)perylene

Concen: 0.321 ng/ul

RT: 25.94 min Scan# 6263

Delta R.T. 0.01 min

Lab File: BN007041.D

Acq: 09 Aug 2019 16:10

Instrument :

BNA_N

ClientSampleId :

BEP08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.6	18.7	28.1
277	24.7	19.3	28.9

Manual Integrations
APPROVED

mohammad
8/14/2019 2:49:44 AM

