

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
 Data File : BN006992.D
 Acq On : 07 Aug 2019 17:57
 Operator : HP/JU
 Sample : K3893-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP17

Manual Integrations
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mohammad
 8/9/2019 6:14:48 AM

Quant Time: Aug 07 18:35:01 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	7.47	152	7262	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	28584	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	18497	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	45826m	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	28236m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	23278m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	12483	0.25	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	30764m	0.21	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.28	128	9992	0.121	ng/ul	98
5) 2-Methylnaphthalene	11.91	142	7449	0.121	ng/ul	99
7) Acenaphthylene	13.83	152	24728	0.231	ng/ul	96
8) Acenaphthene	14.18	153	16738	0.228	ng/ul	99
9) Fluorene	15.17	166	22429	0.252	ng/ul	94
12) Phenanthrene	16.90	178	454193	3.110	ng/ul	99
13) Anthracene	17.00	178	99223m	0.664	ng/ul	
15) Fluoranthene	18.94	202	908362m	5.004	ng/ul	
17) Pyrene	19.30	202	723439	5.739	ng/ul	98
18) Benzo(a)anthracene	21.07	228	339442	2.737	ng/ul	94
19) Chrysene	21.12	228	352158m	3.032	ng/ul	
21) Benzo(b)fluoranthene	22.59	252	396870m	4.205	ng/ul	
22) Benzo(k)fluoranthene	22.63	252	140486m	1.536	ng/ul	
23) Benzo(a)pyrene	23.12	252	255853m	2.879	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.31	276	189852	1.982	ng/ul	93
25) Dibenzo(a,h)anthracene	25.33	278	48910m	0.639	ng/ul	
26) Benzo(g,h,i)perylene	25.94	276	168003	2.091	ng/ul	98

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

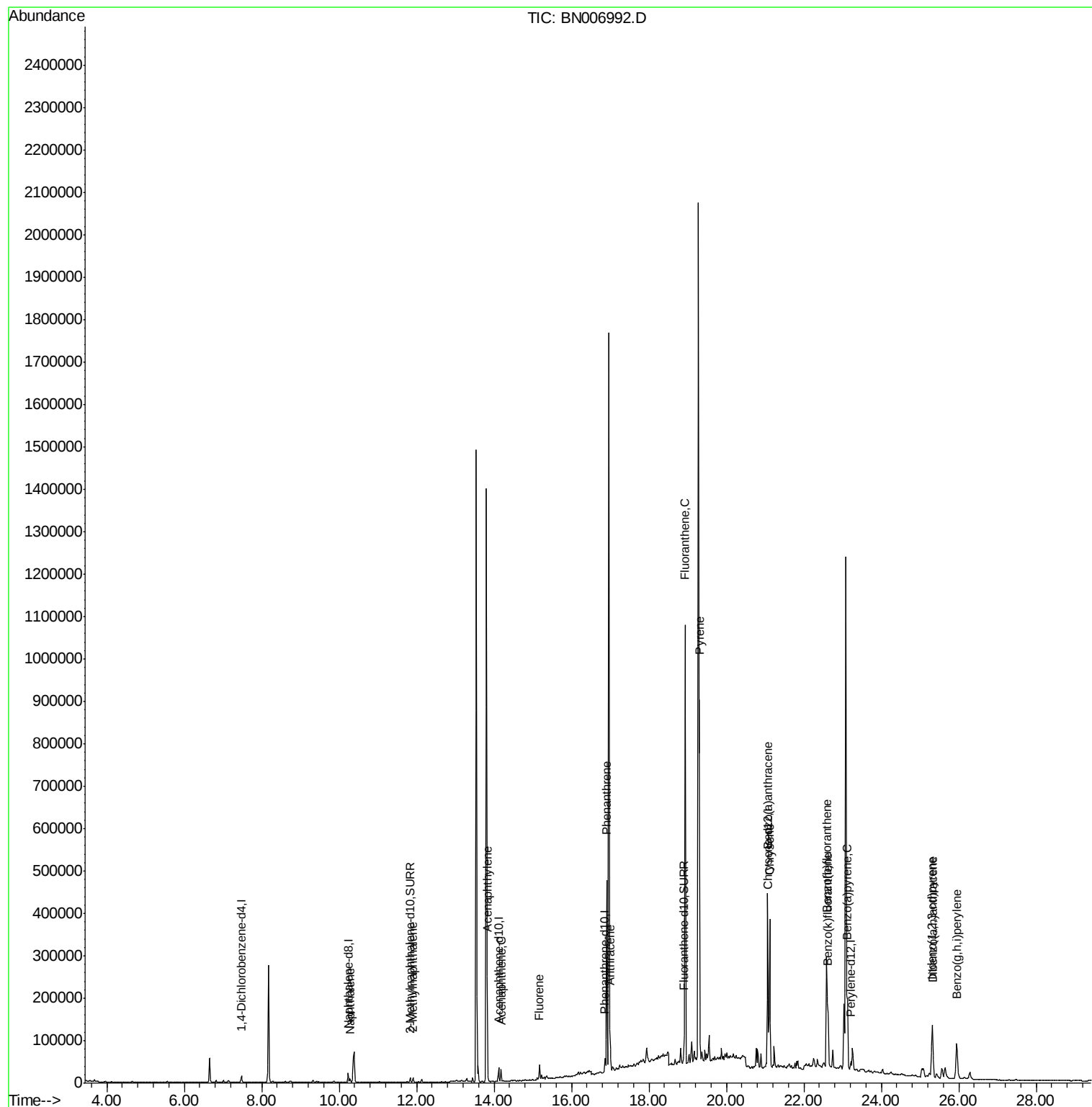
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006992.D
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ALS Vial : 14 Sample Multiplier: 1

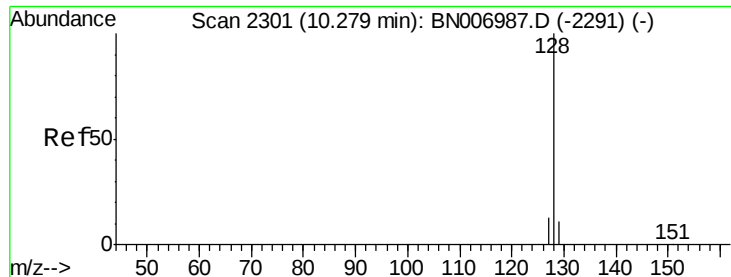
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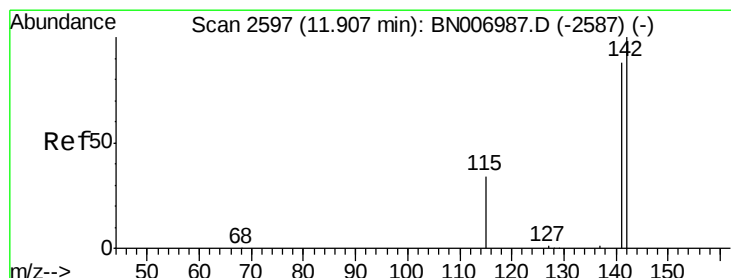
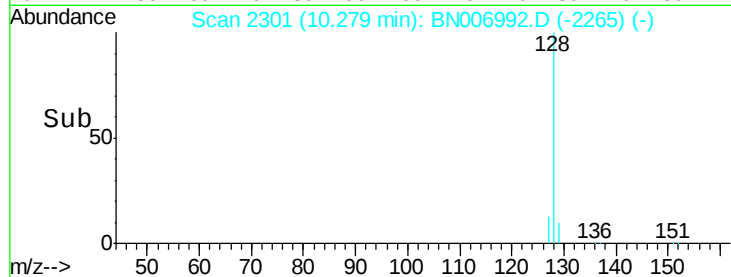
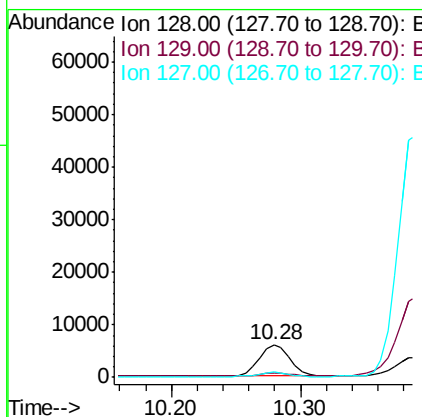
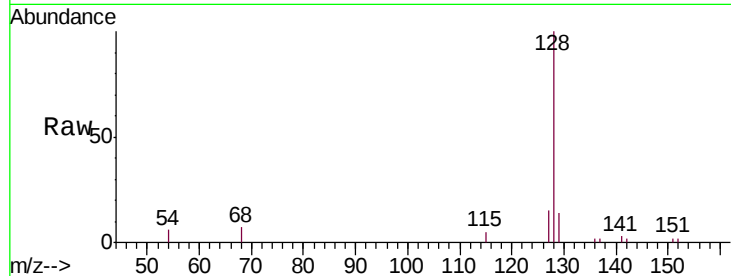
#3
Naphthalene
Concen: 0.121 ng/ul
RT: 10.28 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BN006992.D
Acq: 07 Aug 2019 17:57

Instrument :
BNA_N
ClientSampleId :
BEP17

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.7	10.0	15.0
127	15.0	11.7	17.5

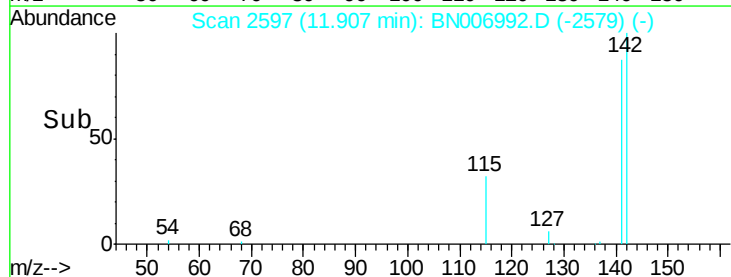
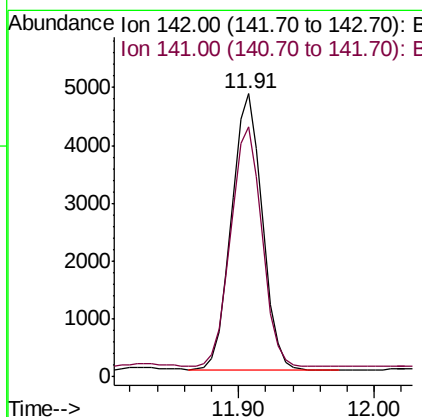
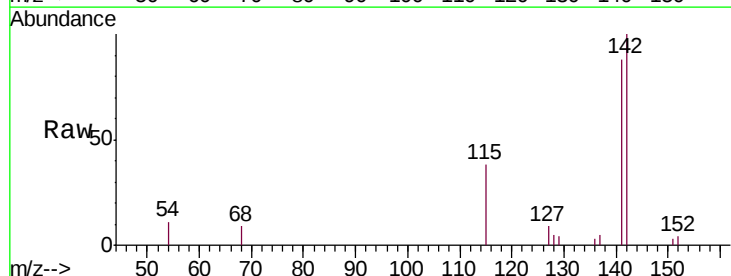
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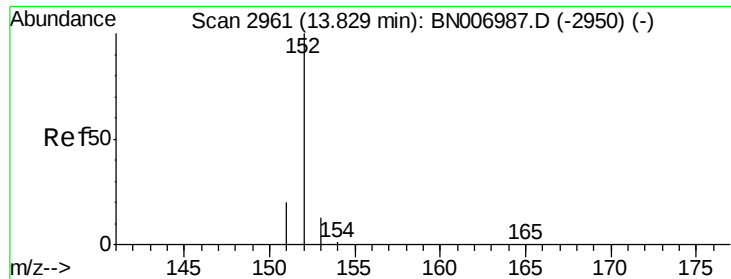
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#5
2-Methylnaphthalene
Concen: 0.121 ng/ul
RT: 11.91 min Scan# 2597
Delta R.T. -0.00 min
Lab File: BN006992.D
Acq: 07 Aug 2019 17:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.0	106.6





#7

Acenaphthylene

Concen: 0.231 ng/ul

RT: 13.83 min Scan# 2961

Delta R.T. -0.00 min

Lab File: BN006992.D

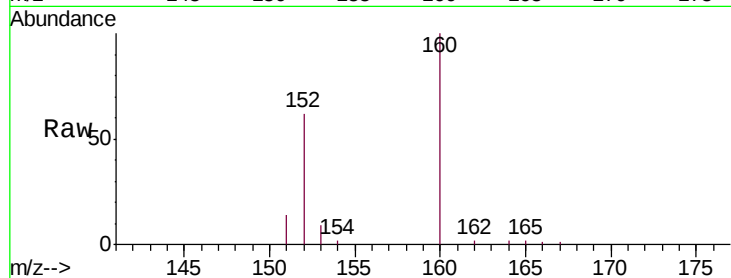
Acq: 07 Aug 2019 17:57

Instrument :

BNA_N

ClientSampleId :

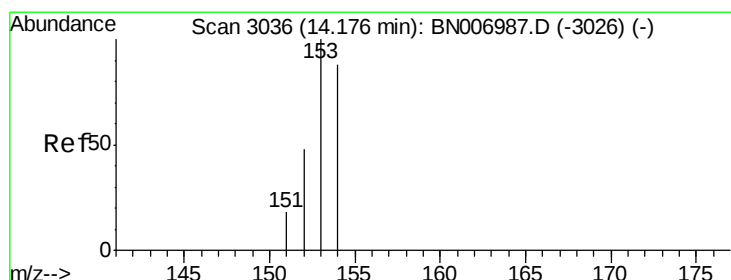
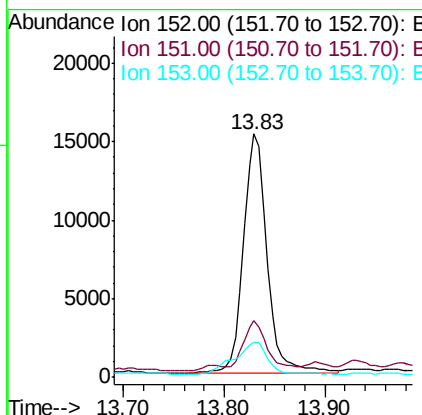
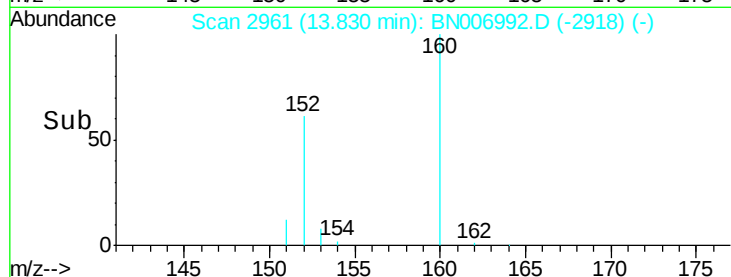
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Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.1	16.3	24.5
153	14.5	11.0	16.4

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#8

Acenaphthene

Concen: 0.228 ng/ul

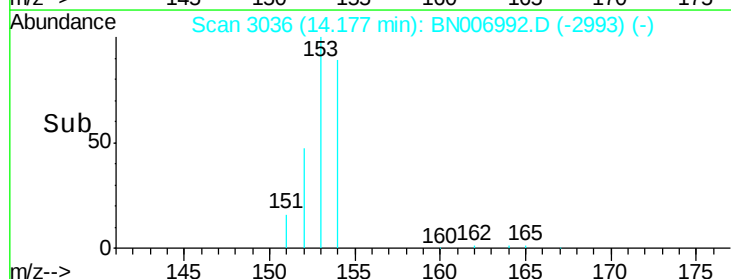
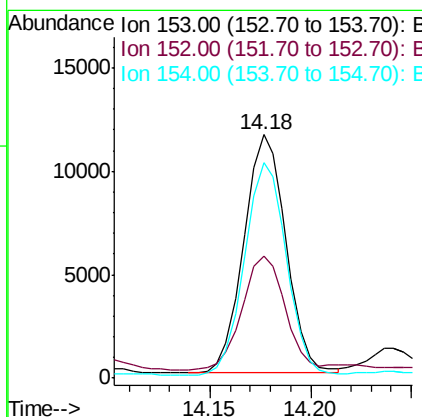
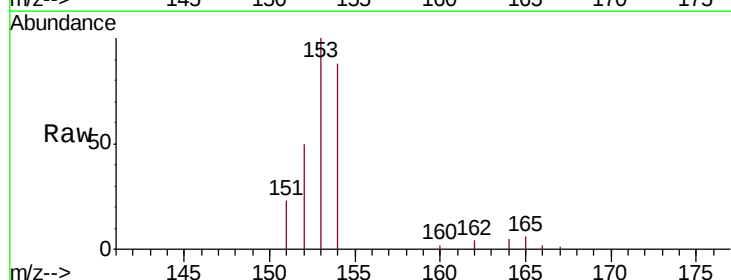
RT: 14.18 min Scan# 3036

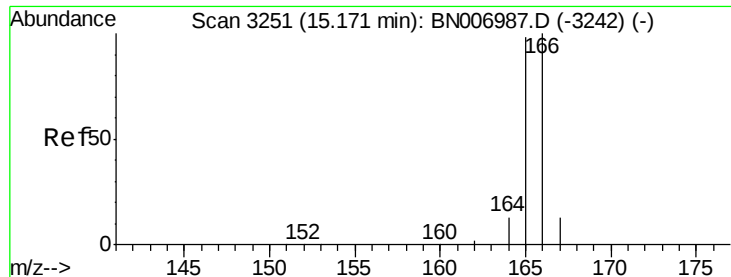
Delta R.T. -0.00 min

Lab File: BN006992.D

Acq: 07 Aug 2019 17:57

Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.0	39.4	59.2
154	88.3	70.1	105.1





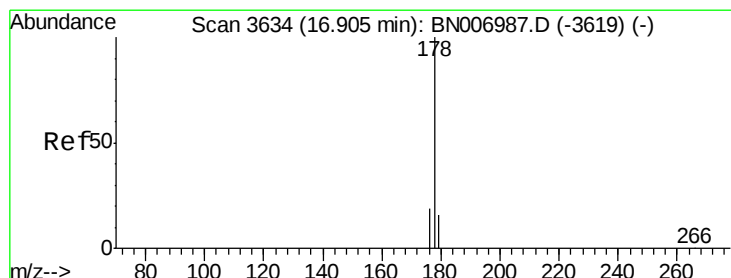
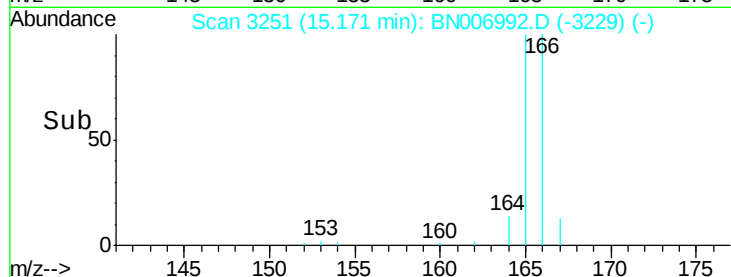
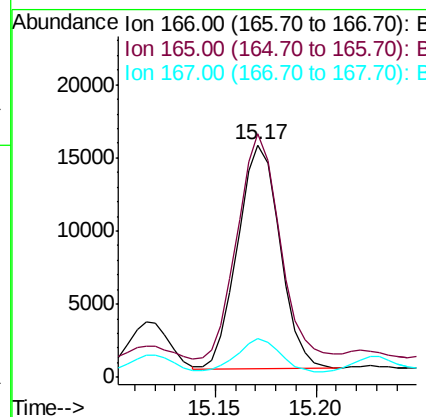
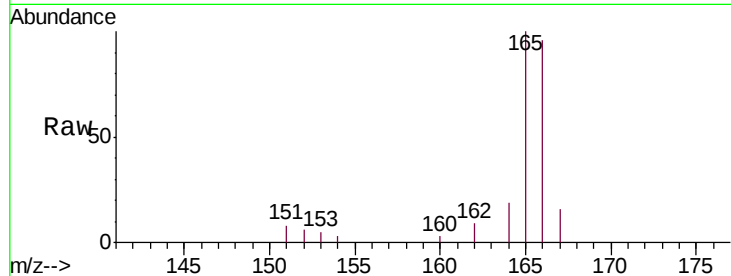
#9
Fluorene
 Concen: 0.252 ng/ul
 RT: 15.17 min Scan# 3251
 Delta R.T. -0.00 min
 Lab File: BN006992.D
 Acq: 07 Aug 2019 17:57

Instrument :
 BNA_N
 ClientSampleId :
 BEP17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	104.7	78.8	118.2
167	16.4	11.3	16.9

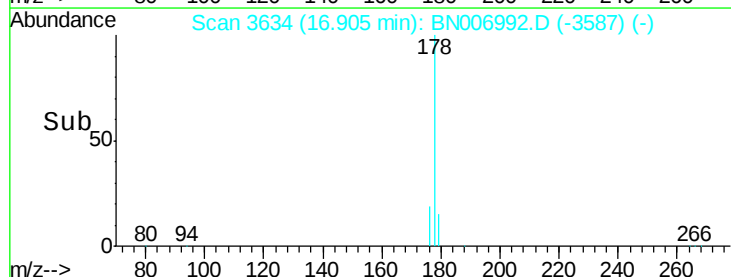
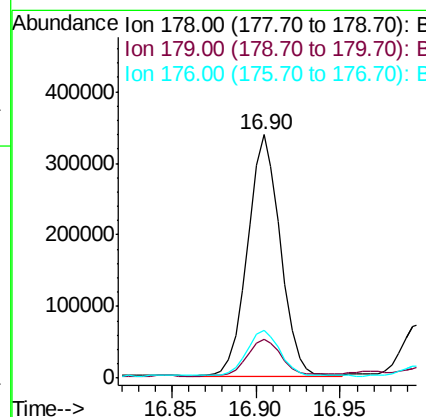
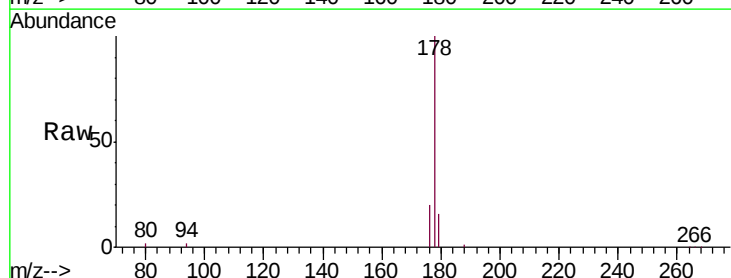
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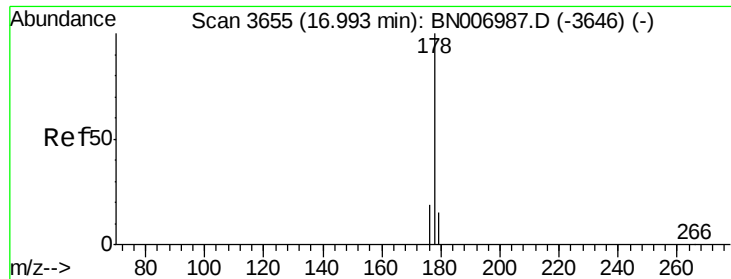
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#12
Phenanthrene
 Concen: 3.110 ng/ul
 RT: 16.90 min Scan# 3634
 Delta R.T. -0.00 min
 Lab File: BN006992.D
 Acq: 07 Aug 2019 17:57

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.5	18.7
176	19.9	15.6	23.4





#13

Anthracene

Concen: 0.664 ng/ul m

RT: 17.00 min Scan# 3656

Delta R.T. 0.00 min

Lab File: BN006992.D

Acq: 07 Aug 2019 17:57

Instrument :

BNA_N

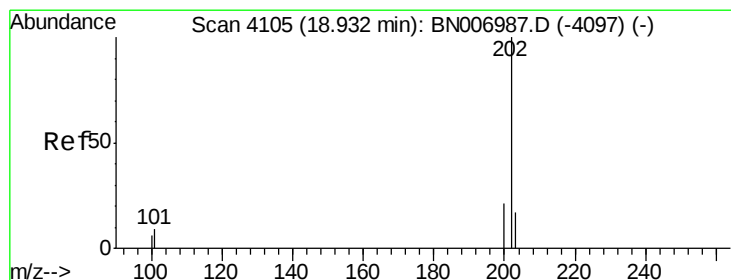
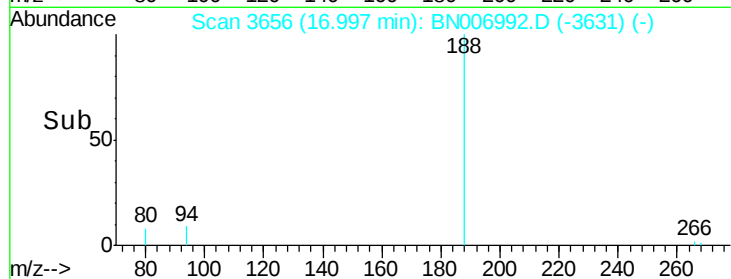
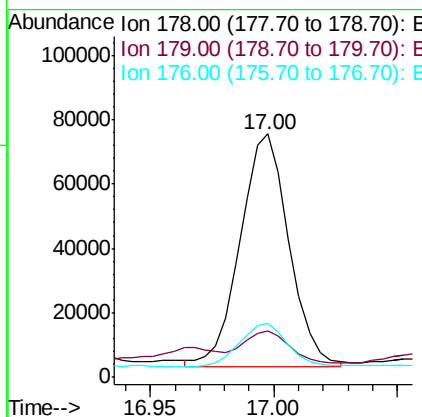
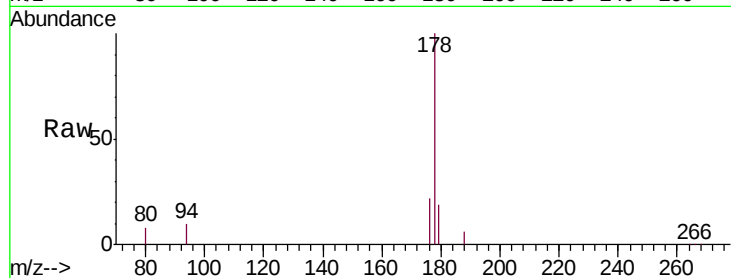
ClientSampleId :

BEP17

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.2	12.6	18.8#
176	22.2	15.4	23.0

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#15

Fluoranthene

Concen: 5.004 ng/ul m

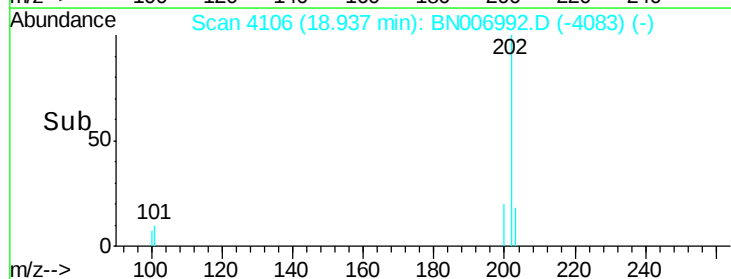
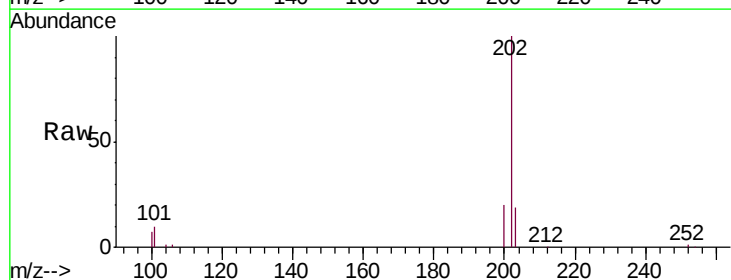
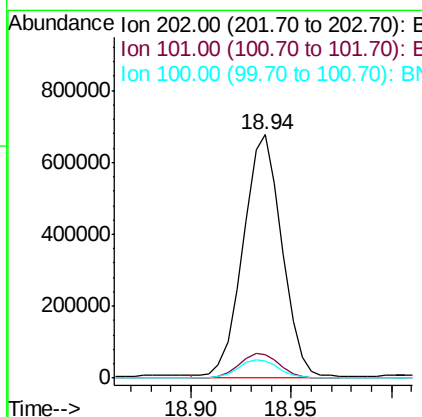
RT: 18.94 min Scan# 4106

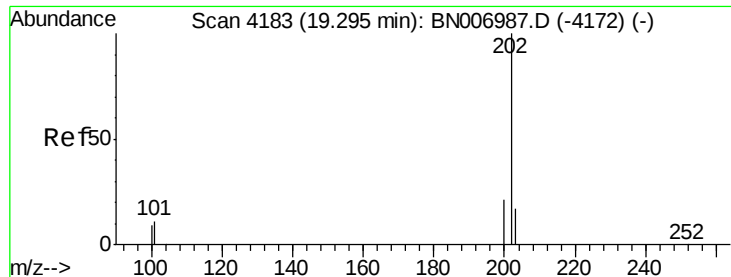
Delta R.T. 0.00 min

Lab File: BN006992.D

Acq: 07 Aug 2019 17:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	30.0
100	7.2	0.0	27.7





#17

Pyrene

Concen: 5.739 ng/ul

RT: 19.30 min Scan# 4184

Delta R.T. -0.00 min

Lab File: BN006992.D

Acq: 07 Aug 2019 17:57

Instrument :

BNA_N

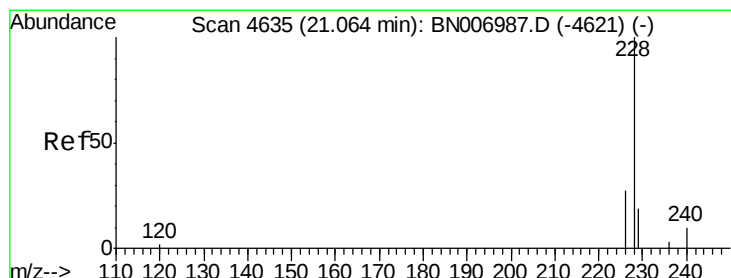
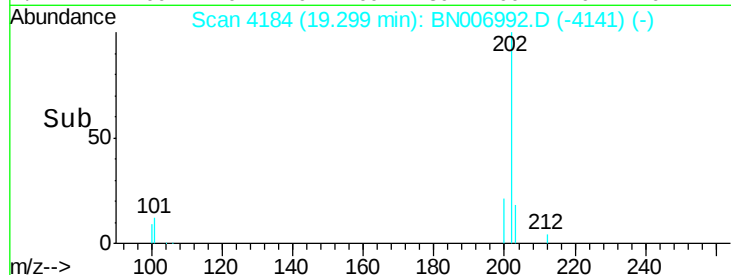
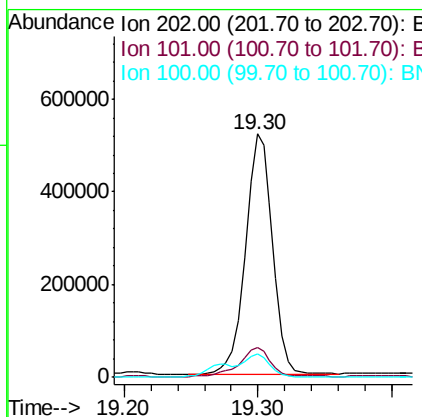
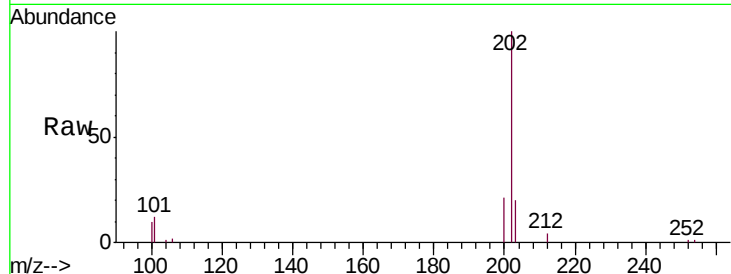
ClientSampleId :

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Tgt Ion:	202	Resp:	723439
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.3	13.9
100	9.6	7.3	10.9

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#18

Benzo(a)anthracene

Concen: 2.737 ng/ul

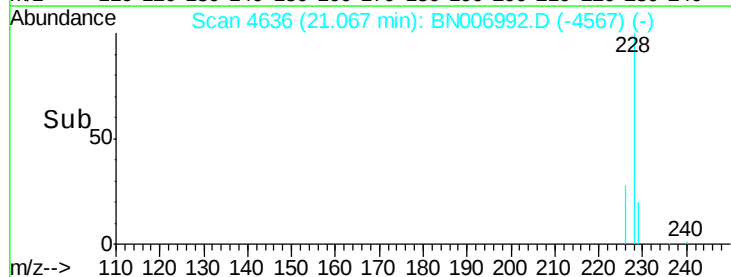
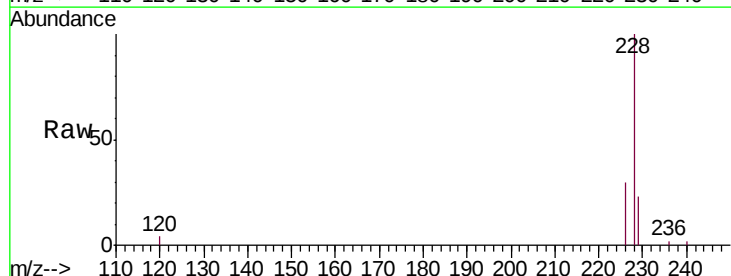
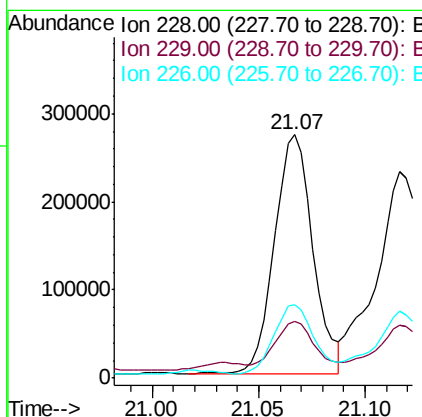
RT: 21.07 min Scan# 4636

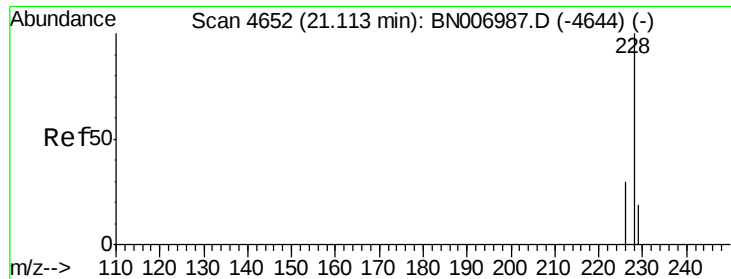
Delta R.T. 0.00 min

Lab File: BN006992.D

Acq: 07 Aug 2019 17:57

Tgt Ion:	228	Resp:	339442
Ion Ratio	Lower	Upper	
228	100		
229	23.3	15.9	23.9
226	30.1	22.2	33.4





#19

Chrysene

Concen: 3.032 ng/ul m

RT: 21.12 min Scan# 4653

Delta R.T. 0.00 min

Lab File: BN006992.D

Acq: 07 Aug 2019 17:57

Instrument :

BNA_N

ClientSampleId :

BEP17

Tgt Ion:228 Resp: 352158

Ion Ratio Lower Upper

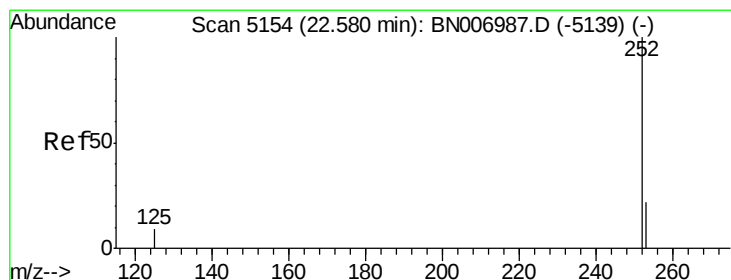
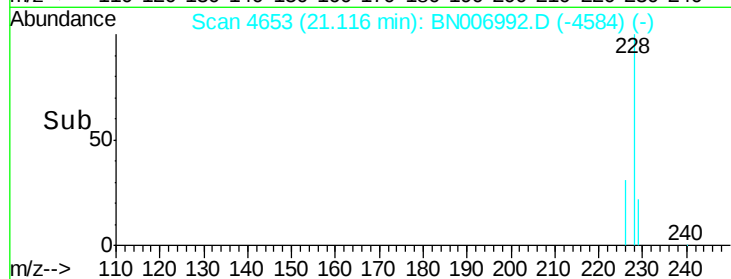
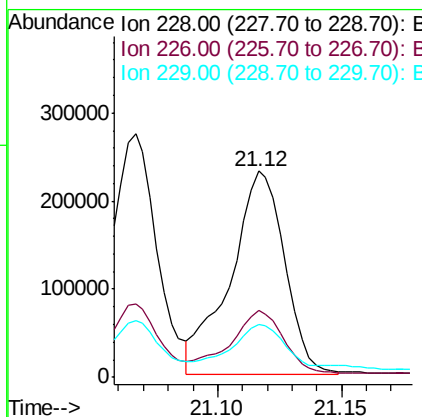
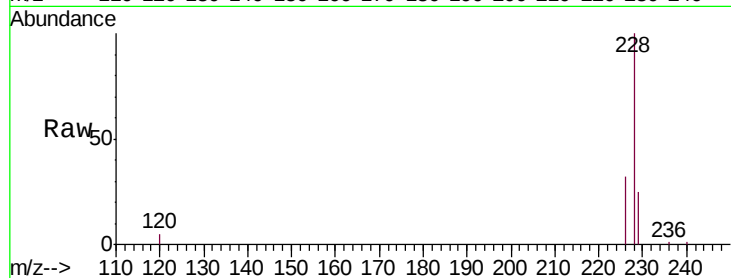
228 100

226 32.3 24.7 37.1

229 25.4 15.5 23.3#

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#21

Benzo(b)fluoranthene

Concen: 4.205 ng/ul m

RT: 22.59 min Scan# 5156

Delta R.T. 0.01 min

Lab File: BN006992.D

Acq: 07 Aug 2019 17:57

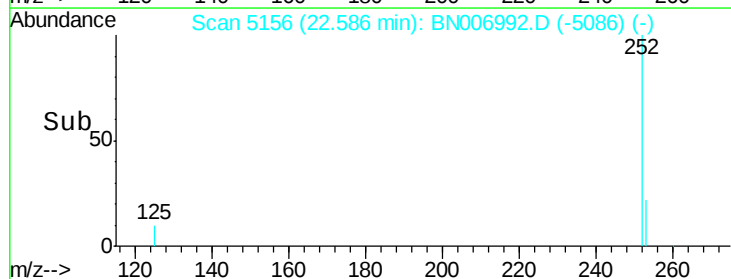
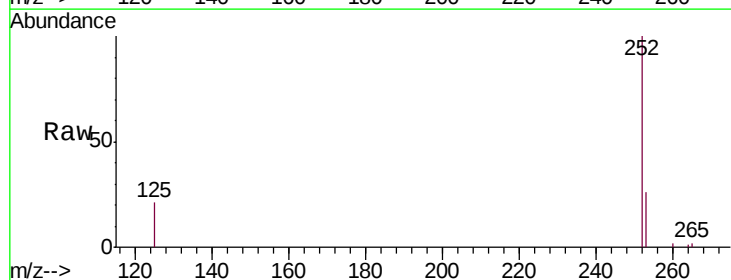
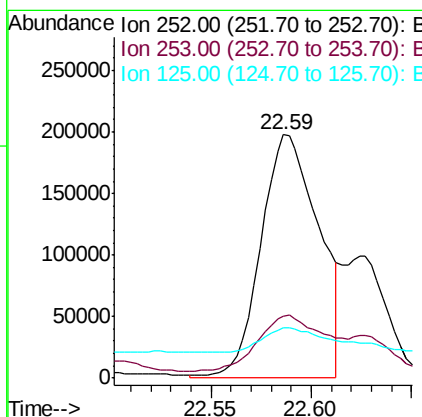
Tgt Ion:252 Resp: 396870

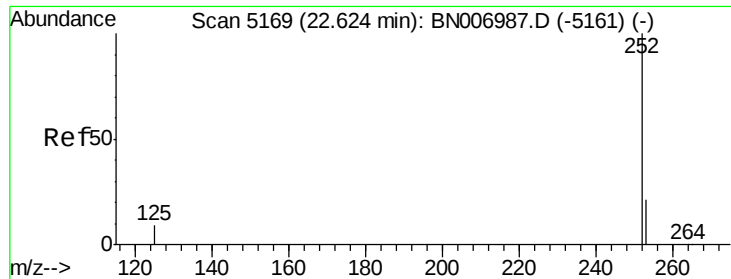
Ion Ratio Lower Upper

252 100

253 25.5 0.0 45.2

125 20.6 0.0 22.2





#22

Benzo(k)fluoranthene

Concen: 1.536 ng/ul m

RT: 22.63 min Scan# 5170

Delta R.T. 0.00 min

Lab File: BN006992.D

Acq: 07 Aug 2019 17:57

Instrument :

BNA_N

ClientSampled :

BEP17

Tgt Ion: 252 Resp: 140486
Ion Ratio Lower Upper

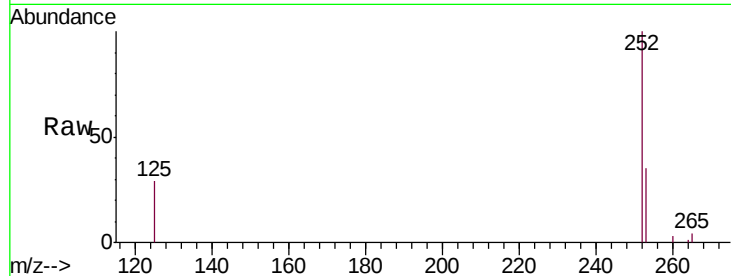
252 100

253 35.3 18.6 28.0#

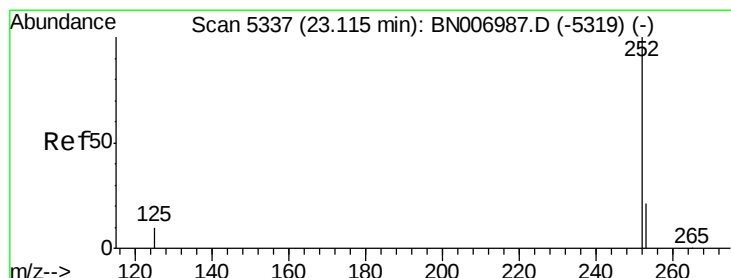
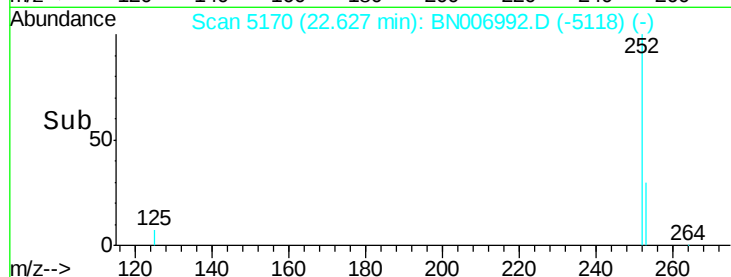
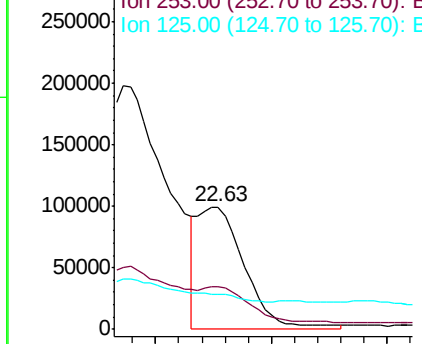
125 28.6 8.7 13.1#

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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



#23

Benzo(a)pyrene

Concen: 2.879 ng/ul m

RT: 23.12 min Scan# 5339

Delta R.T. 0.01 min

Lab File: BN006992.D

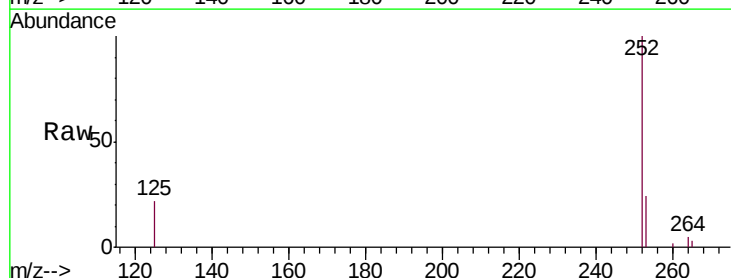
Acq: 07 Aug 2019 17:57

Tgt Ion: 252 Resp: 255853
Ion Ratio Lower Upper

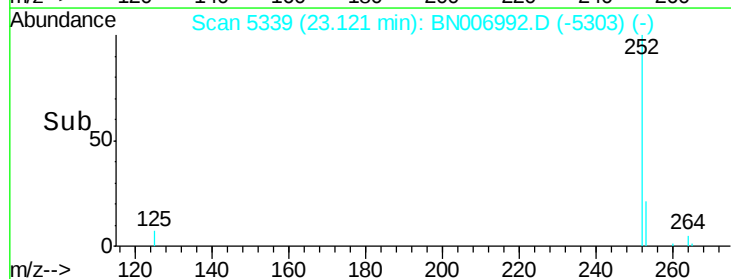
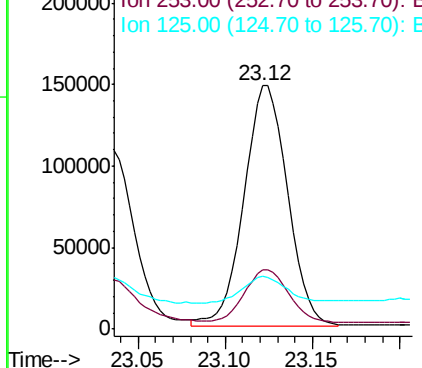
252 100

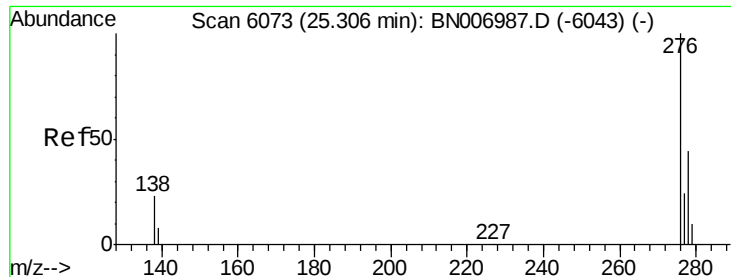
253 24.4 18.0 27.0

125 21.5 10.0 15.0#



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

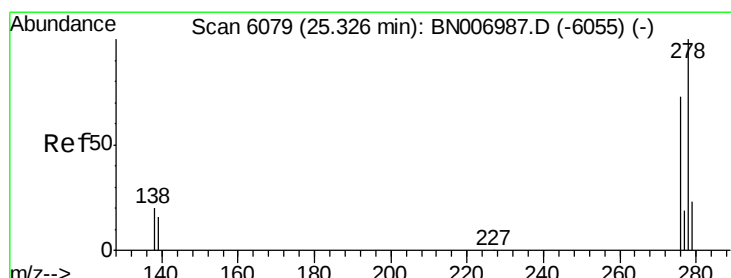
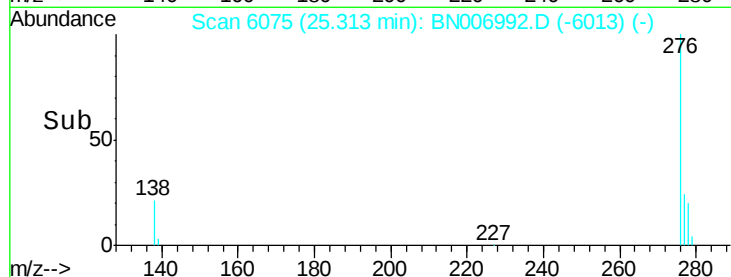
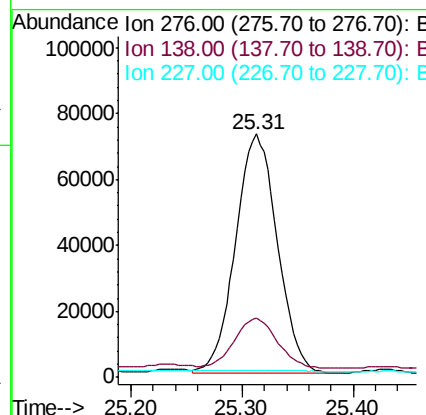
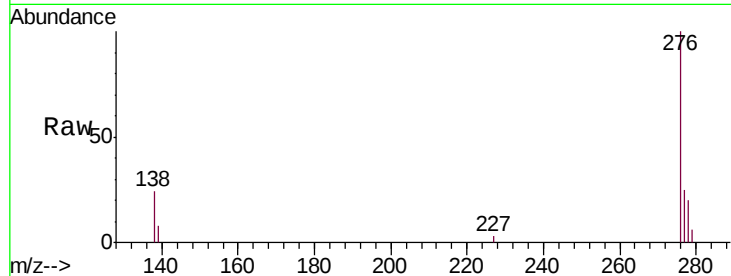
Indeno(1,2,3-cd)pyrene
Concen: 1.982 ng/ul
RT: 25.31 min Scan# 6075
Delta R.T. 0.01 min
Lab File: BN006992.D
Acq: 07 Aug 2019 17:57

Instrument :
BNA_N
ClientSampleId :
BEP17

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	21.3	19.9	29.9
227	0.3	0.2	0.4

Manual Integrations
APPROVED

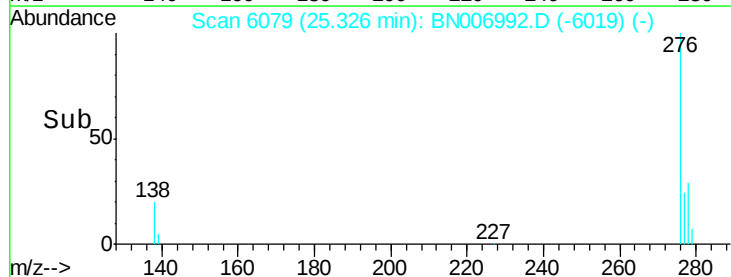
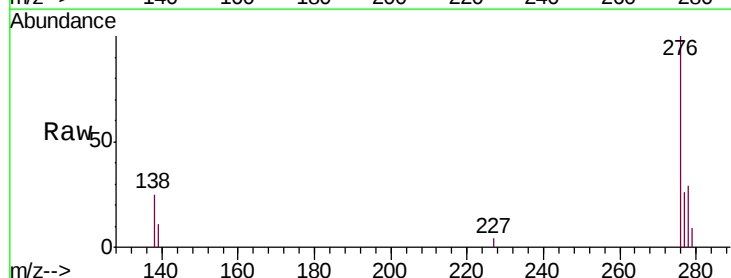
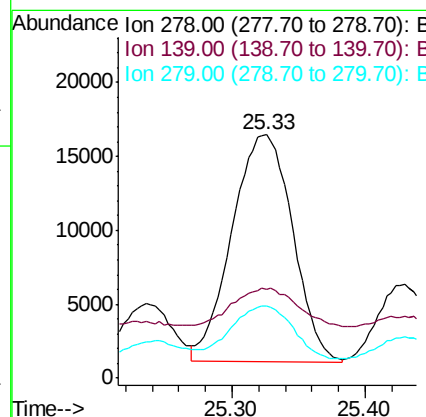
mohammad
8/9/2019 6:14:48 AM

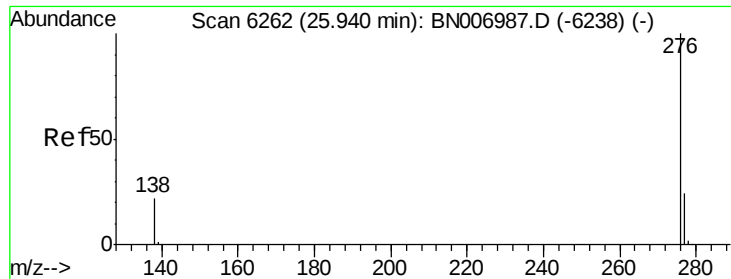


#25

Dibenzo(a,h)anthracene
Concen: 0.639 ng/ul m
RT: 25.33 min Scan# 6079
Delta R.T. -0.00 min
Lab File: BN006992.D
Acq: 07 Aug 2019 17:57

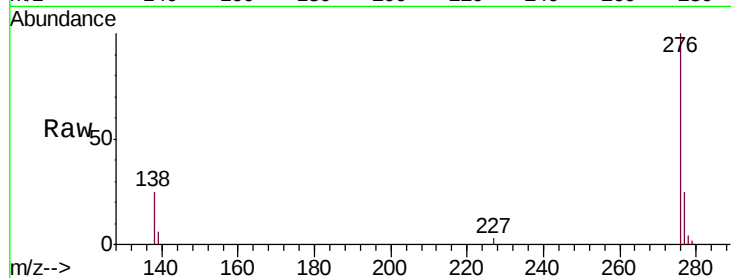
Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	36.5	14.3	21.5#
279	29.5	19.6	29.4#





#26
Benzo(g,h,i)perylene
Concen: 2.091 ng/ul
RT: 25.94 min Scan# 6263
Delta R.T. 0.01 min
Lab File: BN006992.D
Acq: 07 Aug 2019 17:57

Instrument :
BNA_N
ClientSampleId :
BEP17



Tgt	Ion	276	Resp:	168003
	Ion	Ratio	Lower	Upper
	276	100		
	138	24.7	18.7	28.1
	277	25.0	19.3	28.9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:14:48 AM

