

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
 Data File : BN007011.D
 Acq On : 08 Aug 2019 06:16
 Operator : HP/JU
 Sample : K3962-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ7

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:16:03 AM

Quant Time: Aug 08 08:48:16 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	8344	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	33656	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	19993	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	47880m	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	28181m	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	27301m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	9120	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	24432m	0.16	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.28	128	7123	0.074	ng/ul	97
5) 2-Methylnaphthalene	11.91	142	3516	0.048	ng/ul	100
7) Acenaphthylene	13.83	152	16527	0.143	ng/ul	98
8) Acenaphthene	14.18	153	12559	0.158	ng/ul	99
9) Fluorene	15.17	166	15897	0.165	ng/ul	99
12) Phenanthrene	16.90	178	397519m	2.605	ng/ul	
13) Anthracene	16.99	178	62978m	0.403	ng/ul	
15) Fluoranthene	18.93	202	1123908m	5.926	ng/ul	
17) Pyrene	19.29	202	928551	7.380	ng/ul	99
18) Benzo(a)anthracene	21.06	228	378828m	3.060	ng/ul	
19) Chrysene	21.11	228	458164	3.952	ng/ul	98
21) Benzo(b)fluoranthene	22.58	252	584420m	5.280	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	207577m	1.935	ng/ul	
23) Benzo(a)pyrene	23.11	252	382144m	3.667	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.30	276	321558m	2.862	ng/ul	
25) Dibenzo(a,h)anthracene	25.31	278	70694m	0.788	ng/ul	
26) Benzo(g,h,i)perylene	25.94	276	323647m	3.435	ng/ul	

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

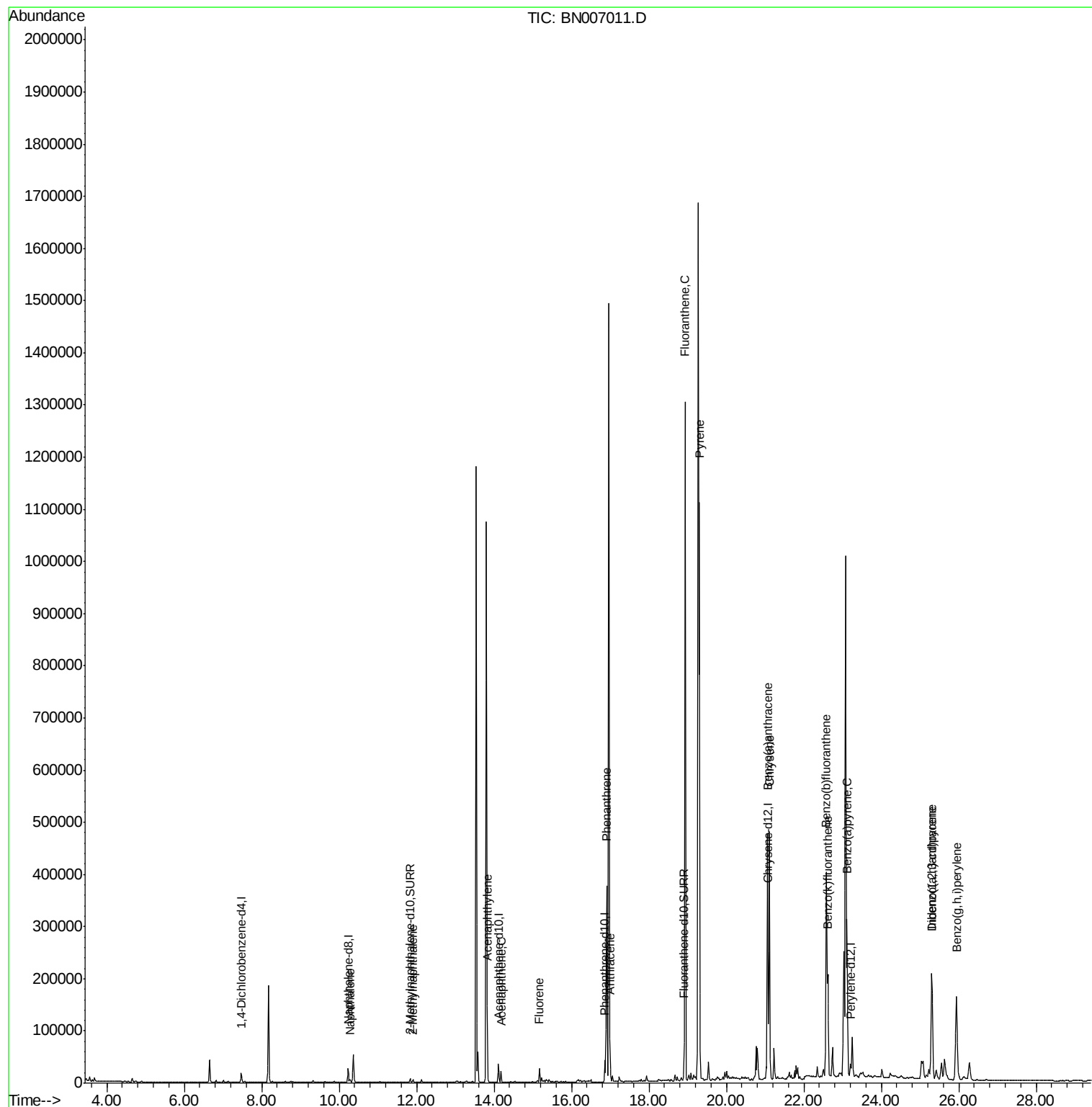
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
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ALS Vial : 32 Sample Multiplier: 1

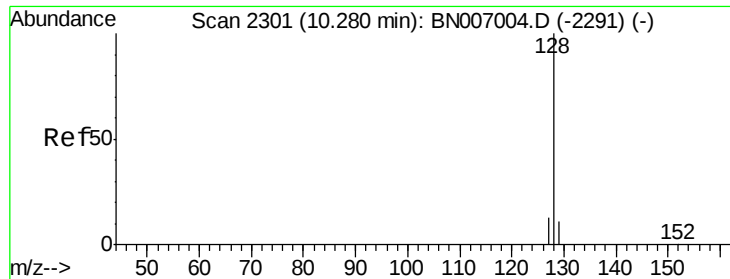
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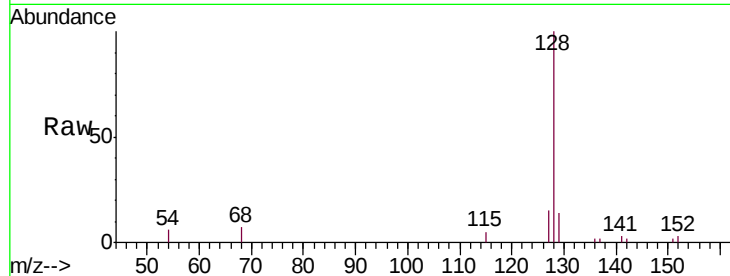
#3
Naphthalene
Concen: 0.074 ng/ul
RT: 10.28 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BN007011.D
Acq: 08 Aug 2019 06:16

Instrument :
BNA_N
ClientSampleId :
BENZ7

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.1	10.0	15.0
127	15.1	11.7	17.5

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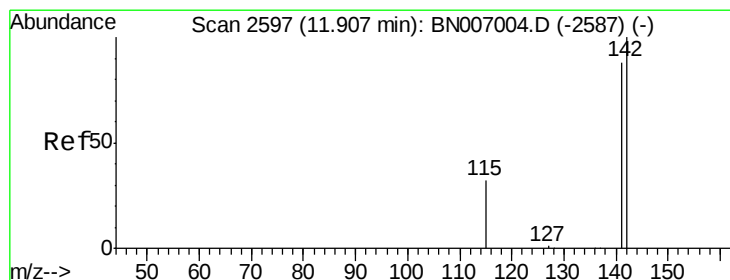
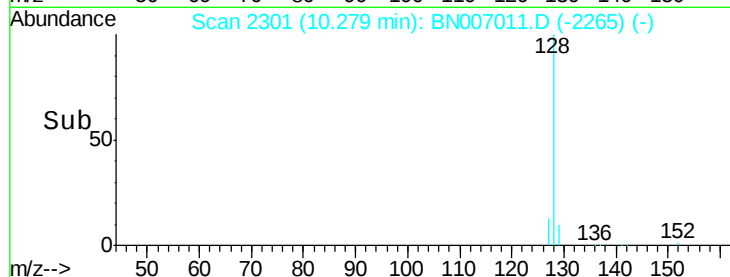
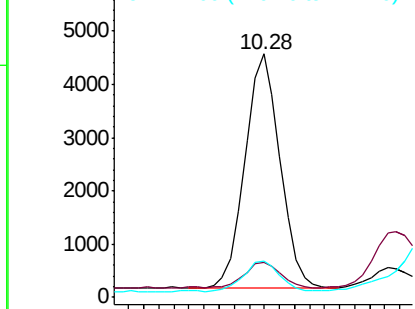


Abundance

Ion 128.00 (127.70 to 128.70): E

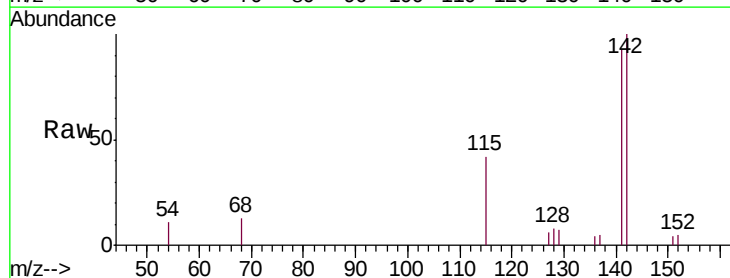
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5
2-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 11.91 min Scan# 2597
Delta R.T. -0.00 min
Lab File: BN007011.D
Acq: 08 Aug 2019 06:16

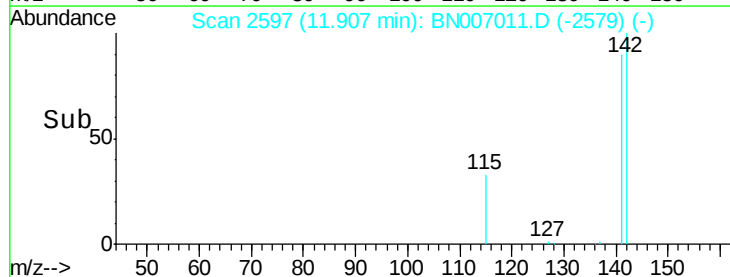
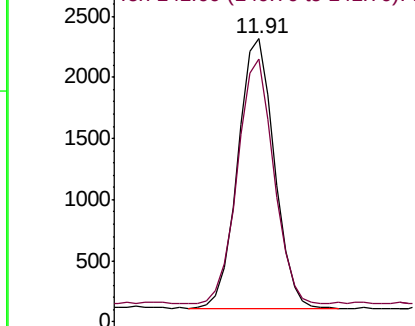
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.0	106.6

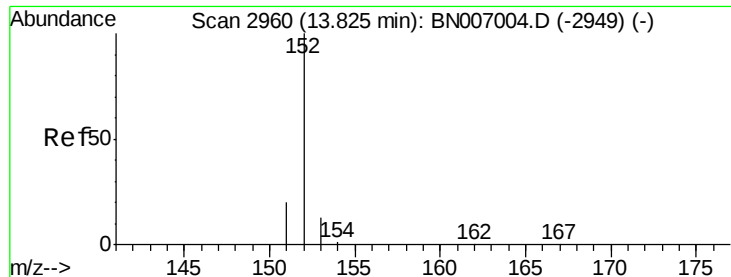


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.143 ng/ul

RT: 13.83 min Scan# 2961

Delta R.T. -0.00 min

Lab File: BN007011.D

Acq: 08 Aug 2019 06:16

Instrument :

BNA_N

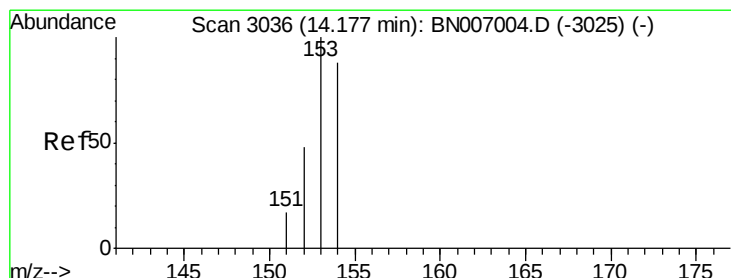
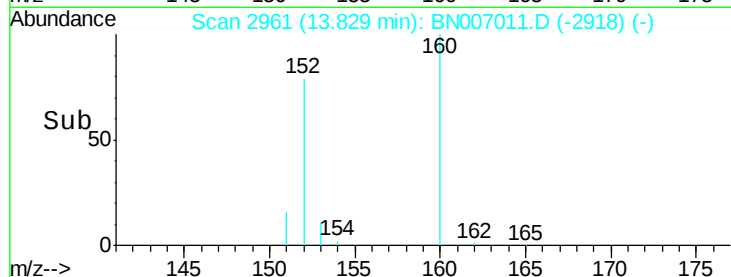
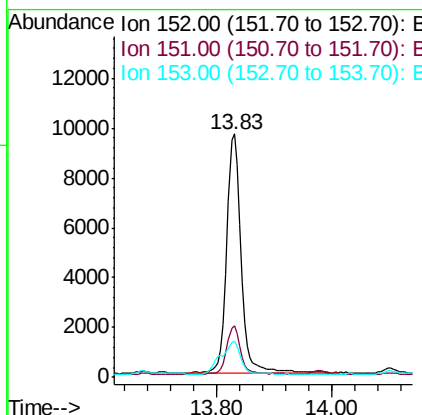
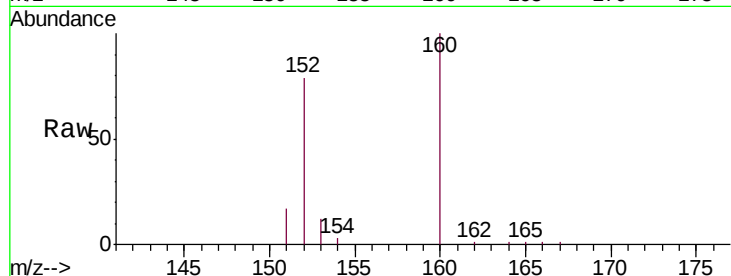
ClientSampleId :

BENZ7

Tgt Ion:	152	Resp:	16527
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.3	24.5
153	14.7	11.0	16.4

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#8

Acenaphthene

Concen: 0.158 ng/ul

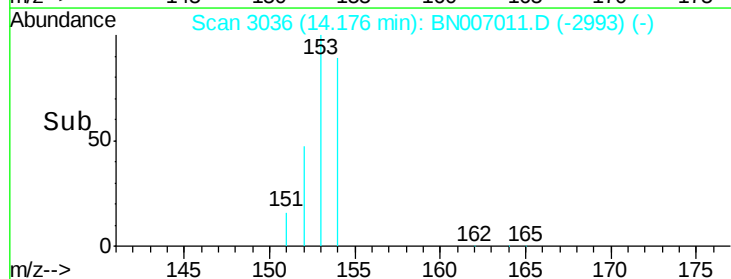
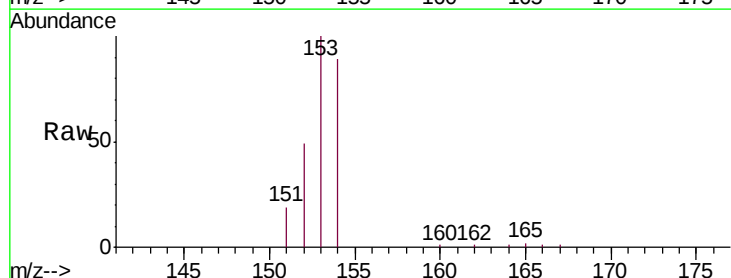
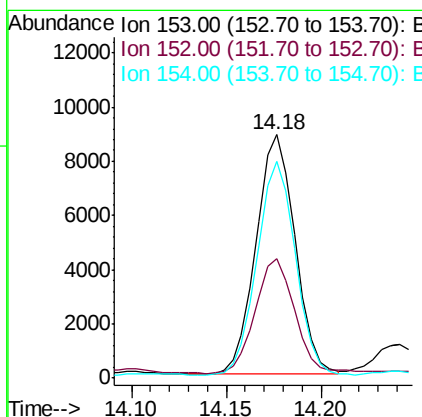
RT: 14.18 min Scan# 3036

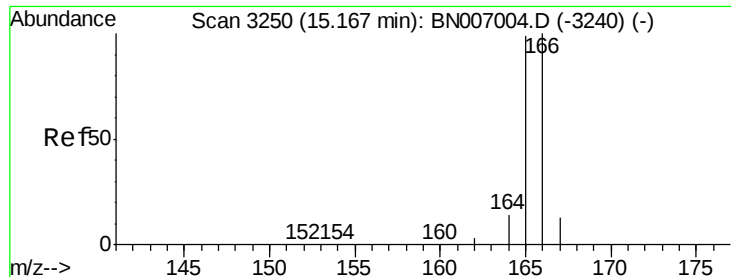
Delta R.T. -0.00 min

Lab File: BN007011.D

Acq: 08 Aug 2019 06:16

Tgt Ion:	153	Resp:	12559
Ion Ratio	Lower	Upper	
153	100		
152	49.1	39.4	59.2
154	88.8	70.1	105.1





#9

Fluorene

Concen: 0.165 ng/ul

RT: 15.17 min Scan# 3251

Delta R.T. -0.00 min

Lab File: BN007011.D

Acq: 08 Aug 2019 06:16

Instrument :

BNA_N

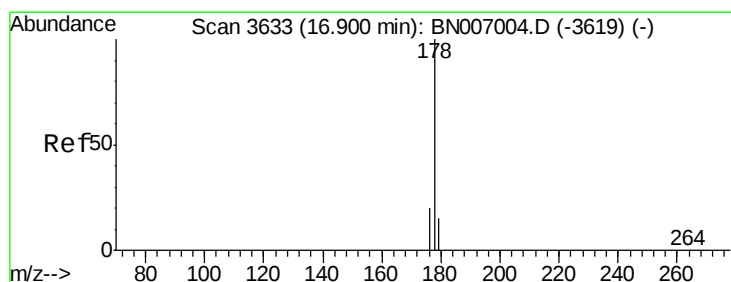
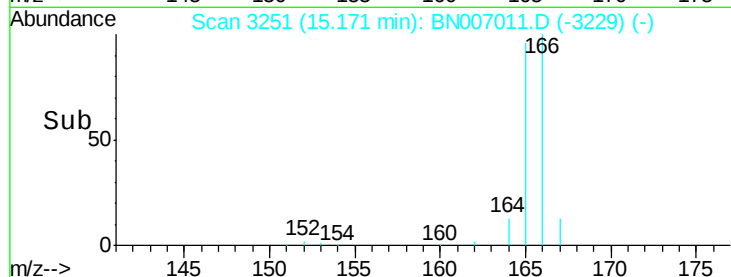
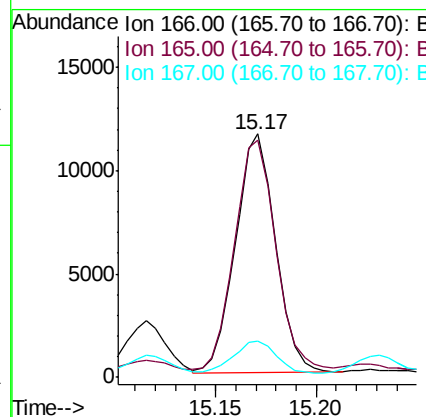
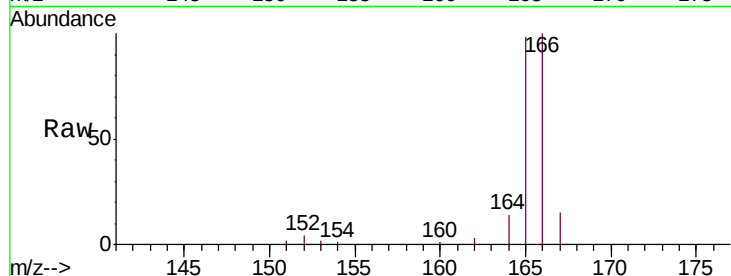
ClientSampleId :

BENZ7

Tgt Ion:	166	Resp:	15897
Ion Ratio		Lower	Upper
166	100		
165	97.5	78.8	118.2
167	15.1	11.3	16.9

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#12

Phenanthrene

Concen: 2.605 ng/ul m

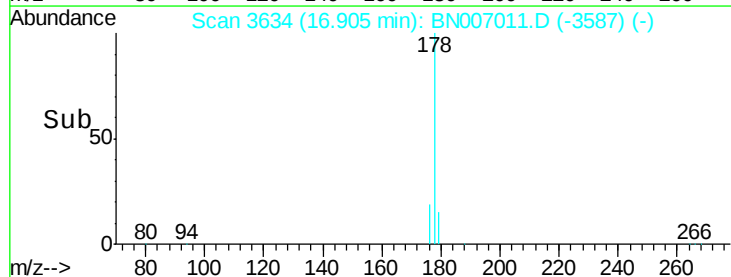
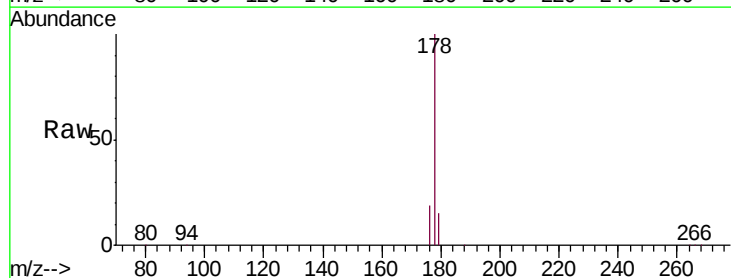
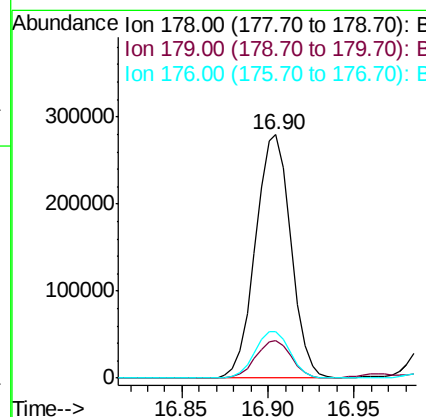
RT: 16.90 min Scan# 3634

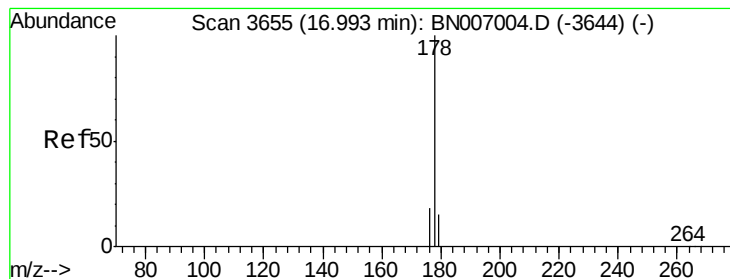
Delta R.T. -0.00 min

Lab File: BN007011.D

Acq: 08 Aug 2019 06:16

Tgt Ion:	178	Resp:	397519
Ion Ratio		Lower	Upper
178	100		
179	15.4	12.5	18.7
176	19.2	15.6	23.4





#13

Anthracene

Concen: 0.403 ng/ul m

RT: 16.99 min Scan# 3655

Delta R.T. -0.00 min

Lab File: BN007011.D

Acq: 08 Aug 2019 06:16

Instrument :

BNA_N

ClientSampleId :

BENZ7

Tgt Ion:178 Resp: 62978

Ion Ratio Lower Upper

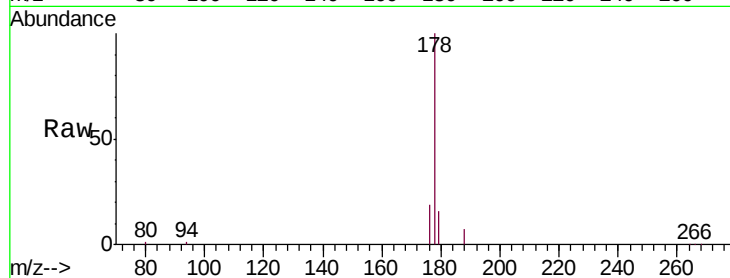
178 100

179 16.2 12.6 18.8

176 18.7 15.4 23.0

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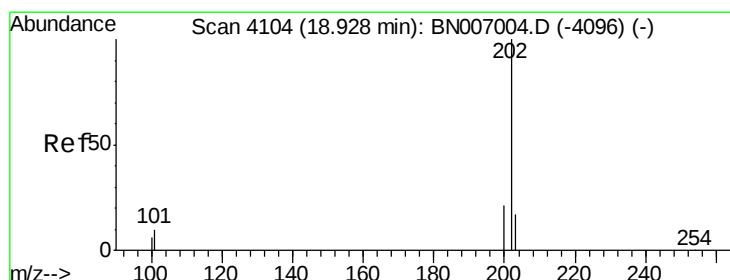
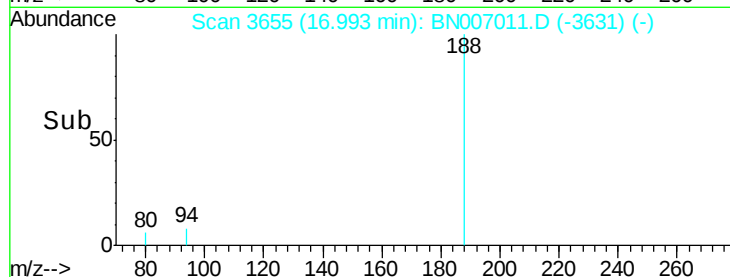
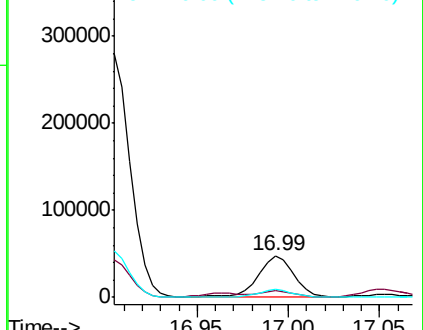
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 5.926 ng/ul m

RT: 18.93 min Scan# 4105

Delta R.T. -0.00 min

Lab File: BN007011.D

Acq: 08 Aug 2019 06:16

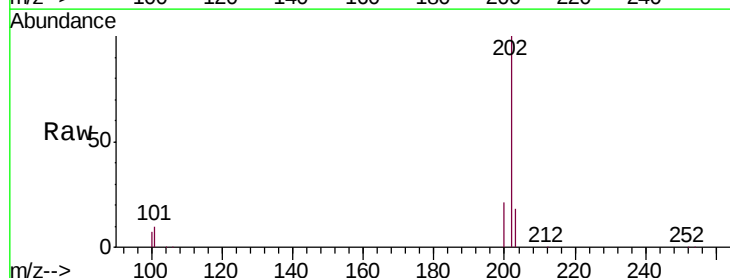
Tgt Ion:202 Resp: 1123908

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.0

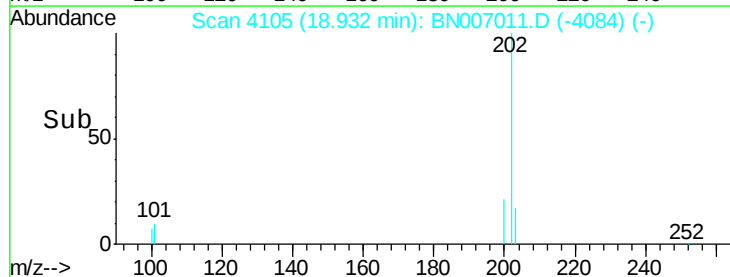
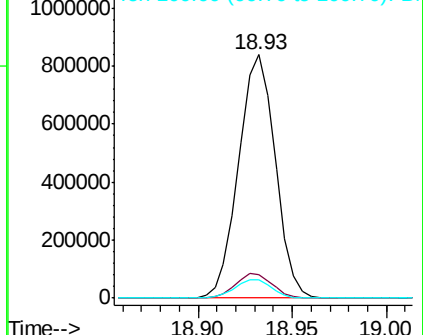
100 7.3 0.0 27.7

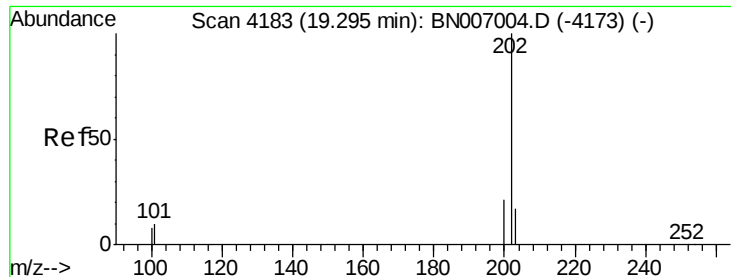


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





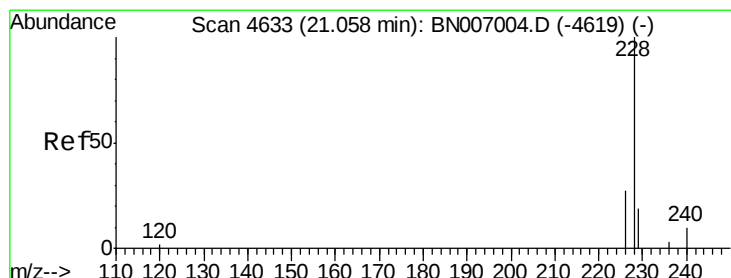
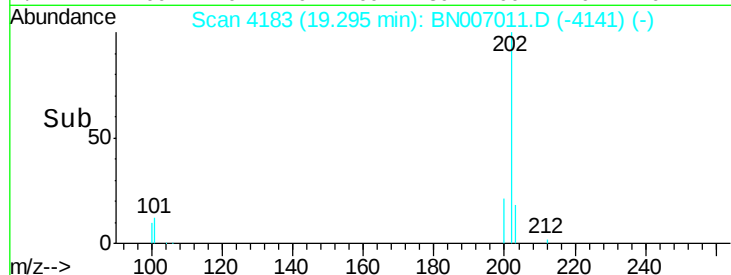
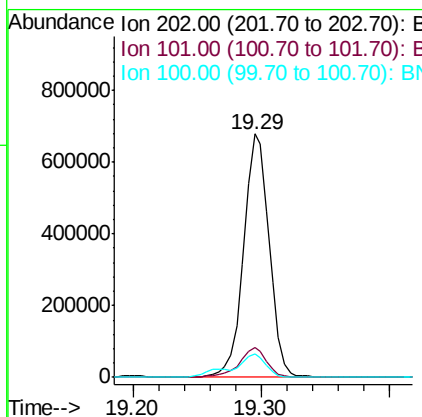
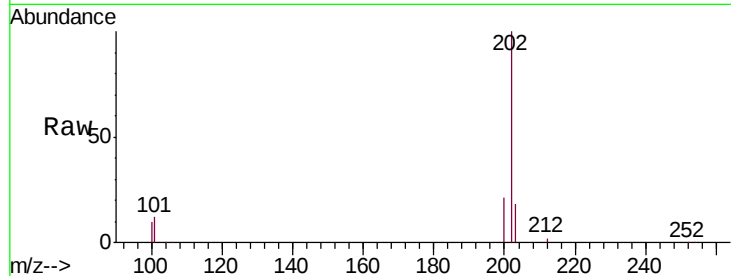
#17
Pyrene
Concen: 7.380 ng/ul
RT: 19.29 min Scan# 4183
Delta R.T. -0.00 min
Lab File: BN007011.D
Acq: 08 Aug 2019 06:16

Instrument :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.0	9.3	13.9
100	9.7	7.3	10.9

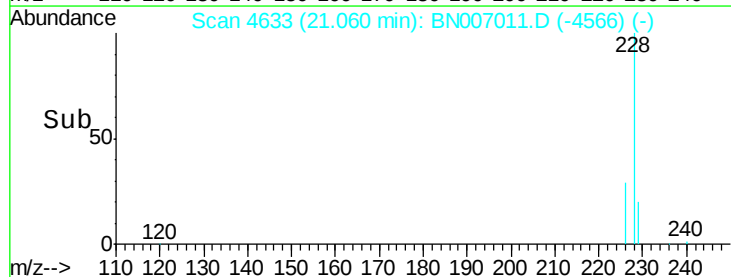
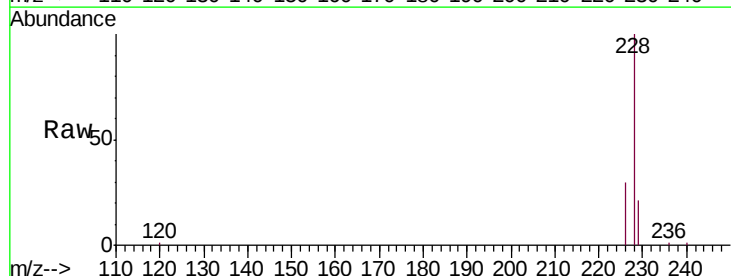
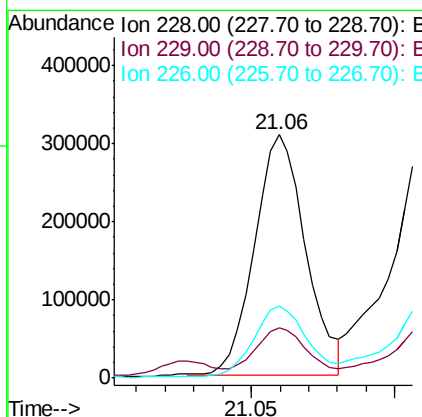
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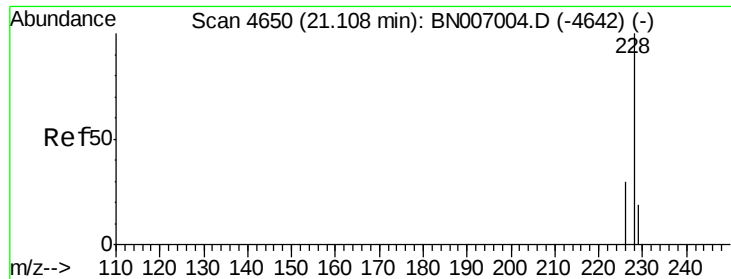
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#18
Benzo(a)anthracene
Concen: 3.060 ng/ul m
RT: 21.06 min Scan# 4633
Delta R.T. -0.00 min
Lab File: BN007011.D
Acq: 08 Aug 2019 06:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.9	15.9	23.9
226	29.6	22.2	33.4





#19

Chrysene

Concen: 3.952 ng/ul

RT: 21.11 min Scan# 4651

Delta R.T. -0.00 min

Lab File: BN007011.D

Acq: 08 Aug 2019 06:16

Instrument :

BNA_N

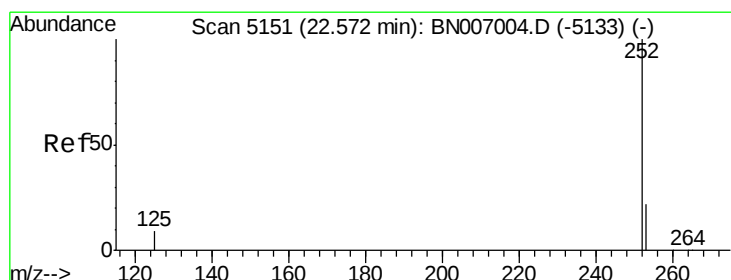
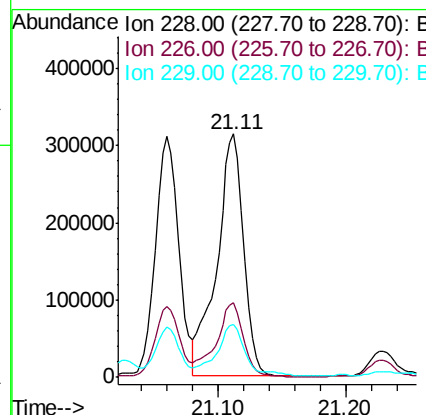
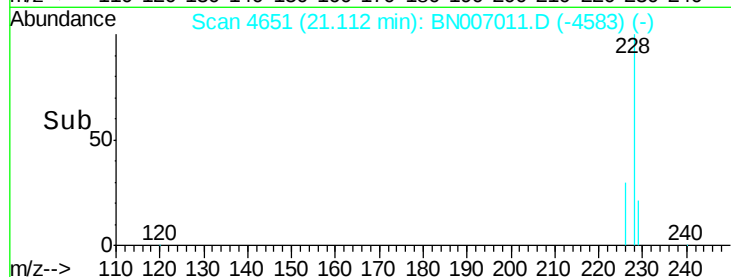
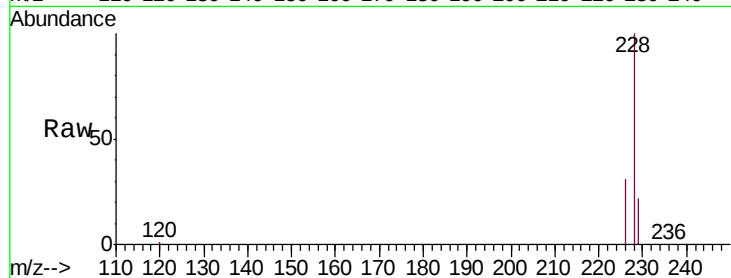
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Tgt Ion:	228	Resp:	458164
Ion Ratio		Lower	Upper
228	100		
226	30.6	24.7	37.1
229	21.6	15.5	23.3

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#21

Benzo(b)fluoranthene

Concen: 5.280 ng/ul m

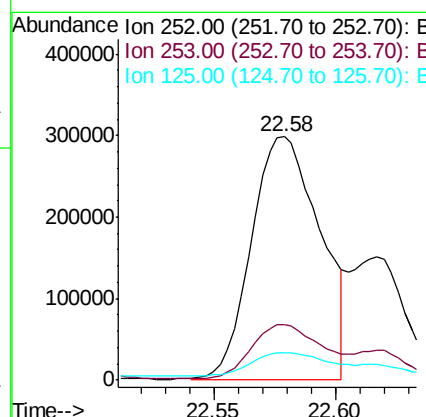
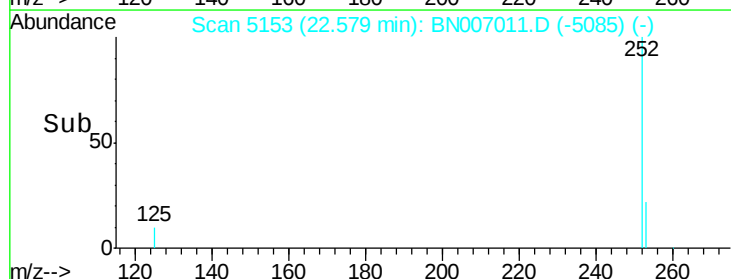
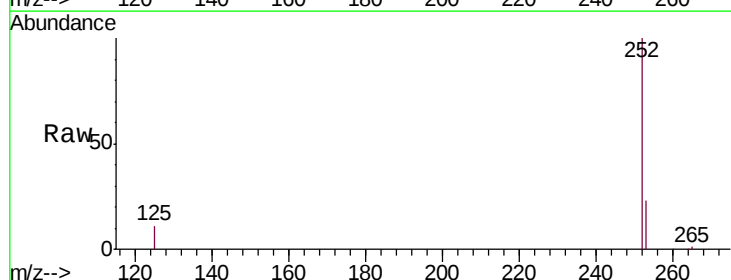
RT: 22.58 min Scan# 5153

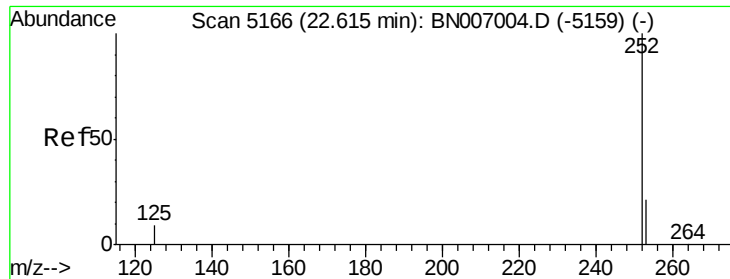
Delta R.T. -0.00 min

Lab File: BN007011.D

Acq: 08 Aug 2019 06:16

Tgt Ion:	252	Resp:	584420
Ion Ratio		Lower	Upper
252	100		
253	22.8	0.0	45.2
125	11.4	0.0	22.2





#22

Benzo(k)fluoranthene

Concen: 1.935 ng/ul m

RT: 22.62 min Scan# 5166

Delta R.T. -0.01 min

Lab File: BN007011.D

Acq: 08 Aug 2019 06:16

Instrument :

BNA_N

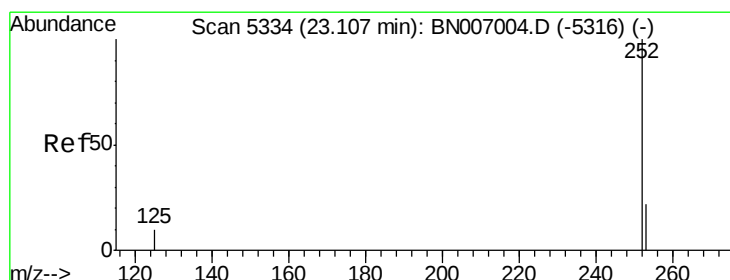
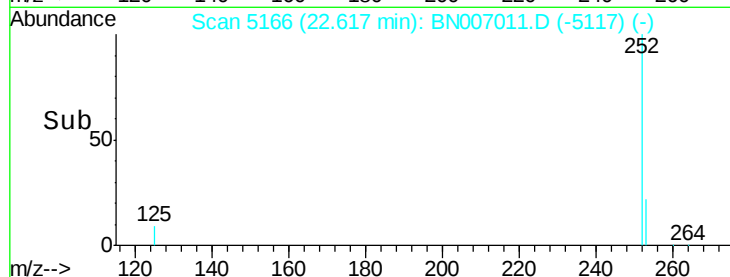
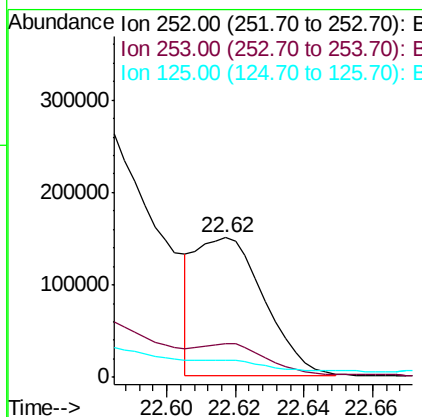
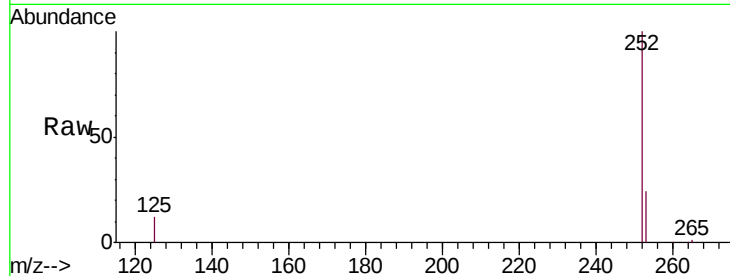
ClientSampleId :

BENZ7

Tgt Ion:	252	Resp:	207577
Ion Ratio	Lower	Upper	
252	100		
253	24.4	18.6	28.0
125	12.4	8.7	13.1

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#23

Benzo(a)pyrene

Concen: 3.667 ng/ul m

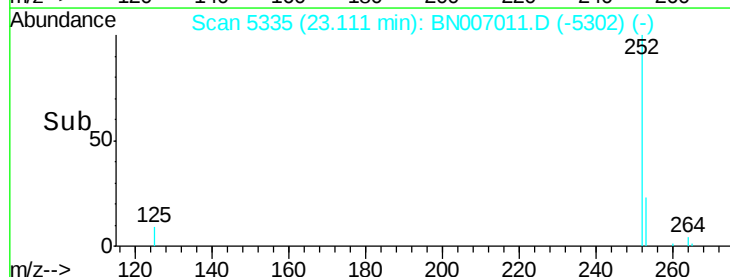
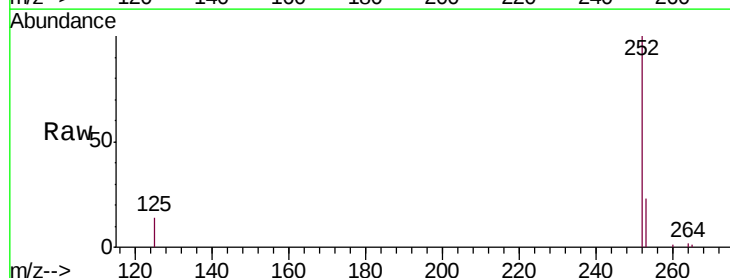
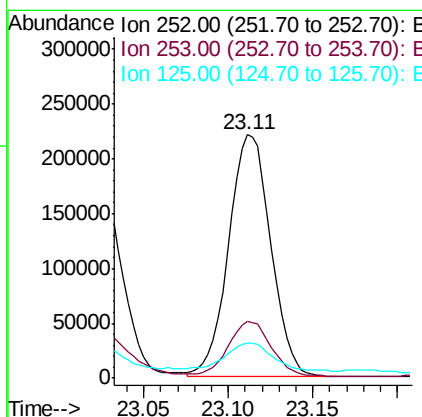
RT: 23.11 min Scan# 5335

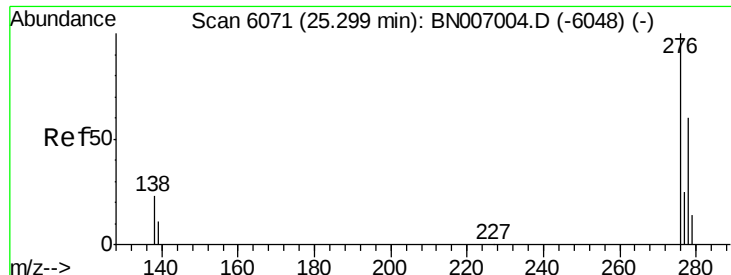
Delta R.T. -0.00 min

Lab File: BN007011.D

Acq: 08 Aug 2019 06:16

Tgt Ion:	252	Resp:	382144
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.0	27.0
125	14.5	10.0	15.0





#24

Indeno(1,2,3-cd)pyrene

Concen: 2.862 ng/ul m

RT: 25.30 min Scan# 6071

Delta R.T. -0.01 min

Lab File: BN007011.D

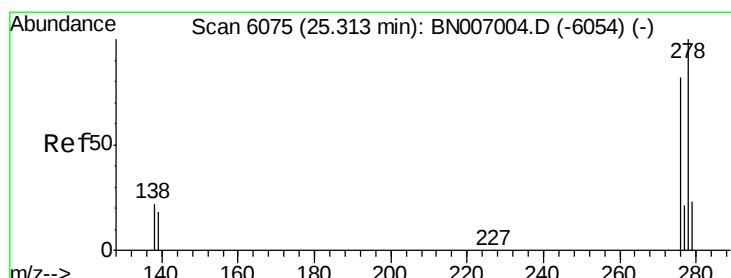
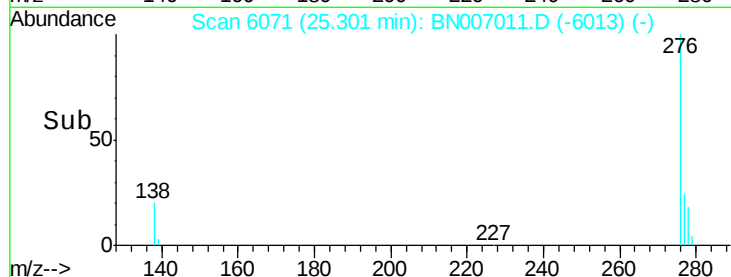
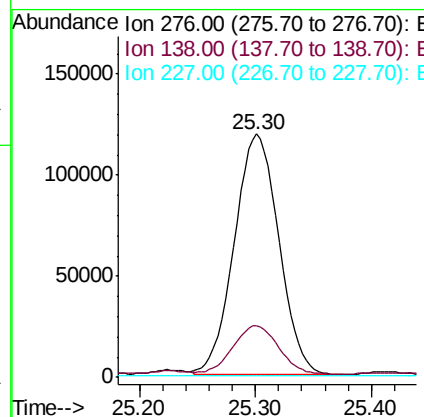
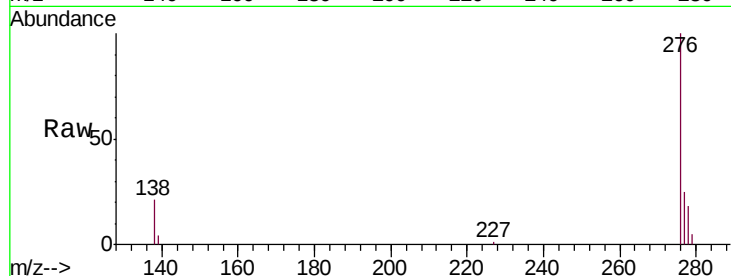
Acq: 08 Aug 2019 06:16

Instrument :
BNA_N
ClientSampleId :
BENZ7

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	1.6	19.9	29.9#
227	0.1	0.2	0.4#

Manual Integrations
APPROVED

mohammad
8/9/2019 6:16:03 AM



#25

Dibenzo(a,h)anthracene

Concen: 0.788 ng/ul m

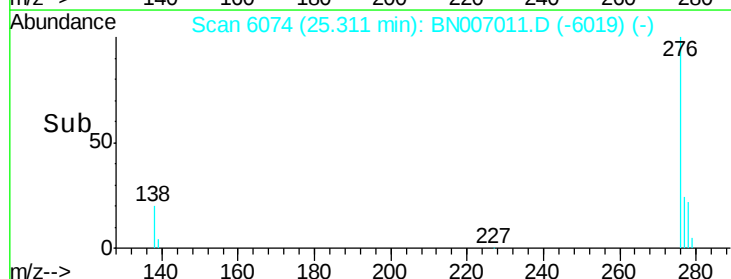
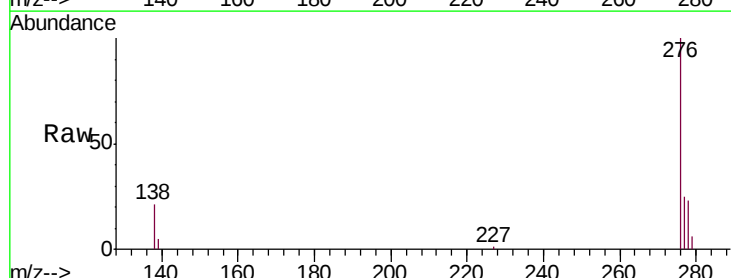
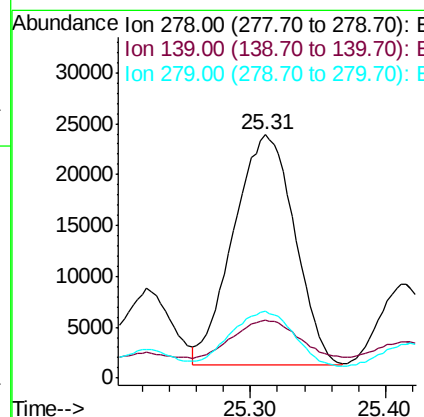
RT: 25.31 min Scan# 6074

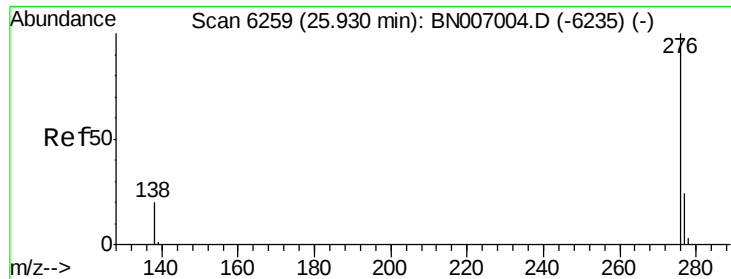
Delta R.T. -0.02 min

Lab File: BN007011.D

Acq: 08 Aug 2019 06:16

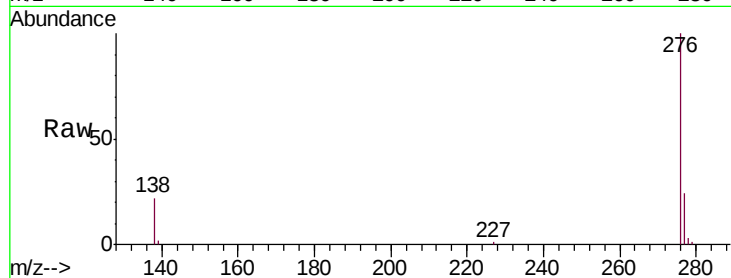
Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	24.0	14.3	21.5#
279	27.3	19.6	29.4





#26
Benzo(g,h,i)perylene
Concen: 3.435 ng/ul m
RT: 25.94 min Scan# 6261
Delta R.T. 0.00 min
Lab File: BN007011.D
Acq: 08 Aug 2019 06:16

Instrument :
BNA_N
ClientSampleId :
BENZ7



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	21.5	18.7	28.1	
277	24.1	19.3	28.9	

Manual Integrations
APPROVED

mohammad
8/9/2019 6:16:03 AM

