

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
 Data File : BN011757.D
 Acq On : 09 Sep 2020 03:57
 Operator : CG/JU
 Sample : L3843-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD3

Manual Integrations
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Quant Time: Sep 09 07:43:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 09 07:05:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2361	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	9308	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	5378	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	11676m	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	10218	0.40	ng/ul	0.00
20) Perylene-d12	23.55	264	10042	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	2729	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	6173	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	1542	0.056	ng/ul#	93
5) 2-Methylnaphthalene	12.18	142	390	0.021	ng/ul	99
7) Acenaphthylene	14.09	152	4056	0.156	ng/ul	96
8) Acenaphthene	14.44	153	553	0.027	ng/ul	96
9) Fluorene	15.43	166	761	0.032	ng/ul#	96
12) Phenanthrene	17.16	178	5279	0.134	ng/ul	97
13) Anthracene	17.25	178	4326m	0.124	ng/ul	
15) Fluoranthene	19.18	202	24547	0.562	ng/ul	98
17) Pyrene	19.54	202	30467	0.671	ng/ul	98
18) Benzo(a)anthracene	21.29	228	21932	0.552	ng/ul	95
19) Chrysene	21.34	228	25571	0.576	ng/ul	98
21) Benzo(b)fluoranthene	22.88	252	56855m	1.208	ng/ul	
22) Benzo(k)fluoranthene	22.92	252	18134m	0.376	ng/ul	
23) Benzo(a)pyrene	23.46	252	29094	0.716	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.81	276	19225	0.360	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.82	278	5620	0.129	ng/ul#	83
26) Benzo(a,h,i)perylene	26.50	276	16151	0.346	ng/ul#	94

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

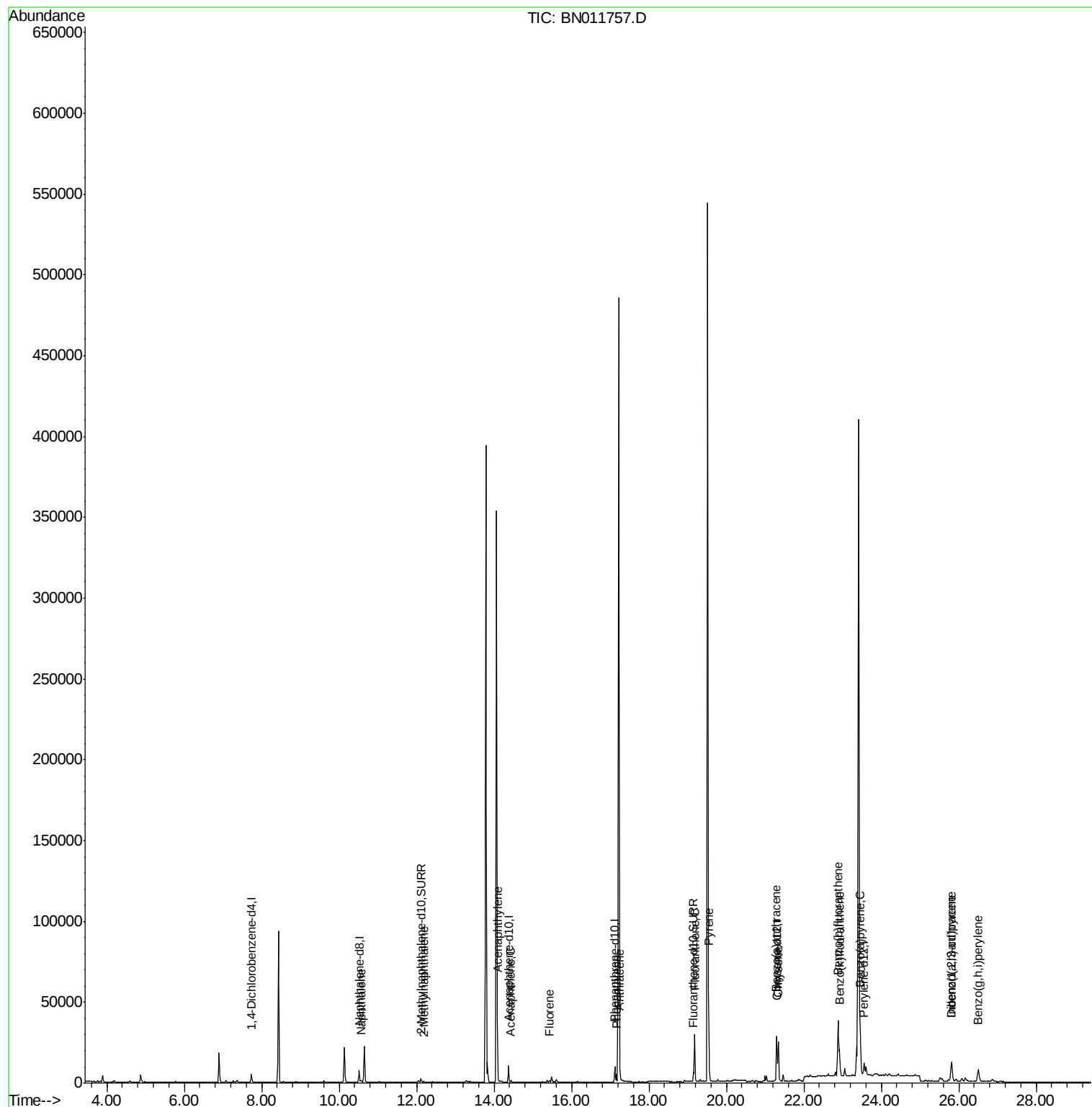
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011757.D
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ALS Vial : 30 Sample Multiplier: 1

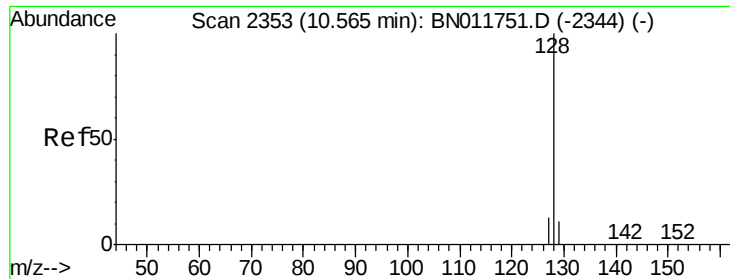
Instrument :
BNA_N
ClientSampleId :
C0AD3

Quant Time: Sep 09 07:43:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 07:05:35 2020
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#3

Naphthalene

Concen: 0.056 ng/ul

RT: 10.57 min Scan# 2353

Delta R.T. 0.00 min

Lab File: BN011757.D

Acq: 09 Sep 2020 03:57

Instrument :

BNA_N

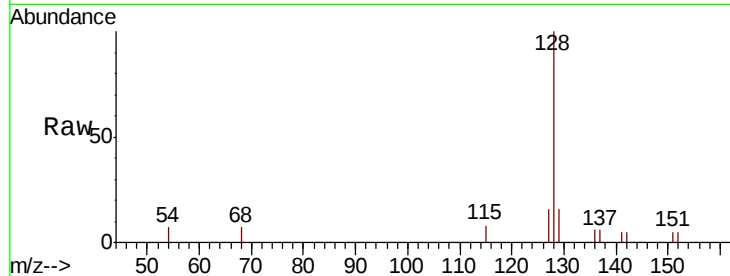
ClientSampled :

C0AD3

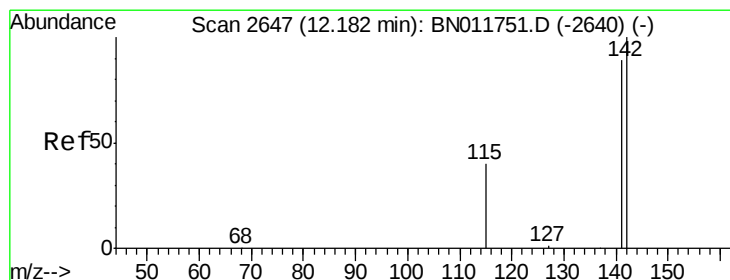
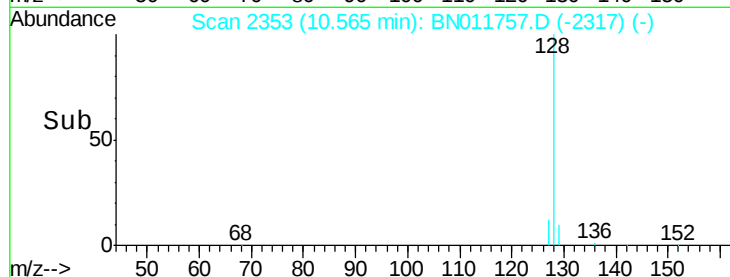
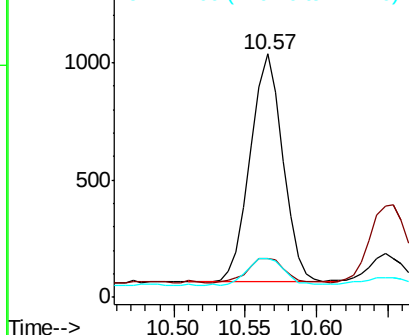
Tot Ion:	128	Resp:	1542
Ion	Ratio	Lower	Upper
128	100		
129	15.7	9.8	14.6#
127	16.2	11.0	16.6

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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: 0.021 ng/ul

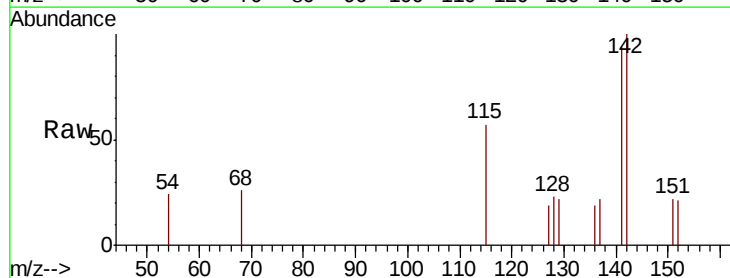
RT: 12.18 min Scan# 2647

Delta R.T. 0.00 min

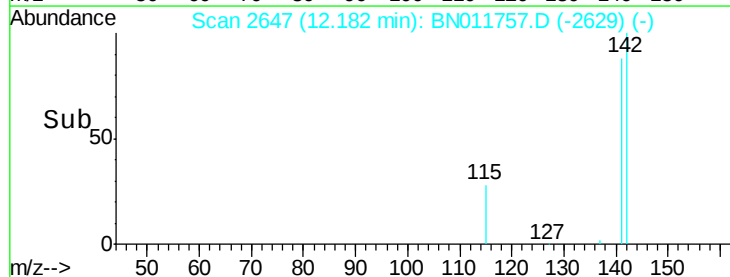
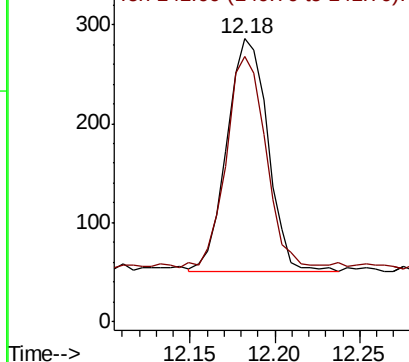
Lab File: BN011757.D

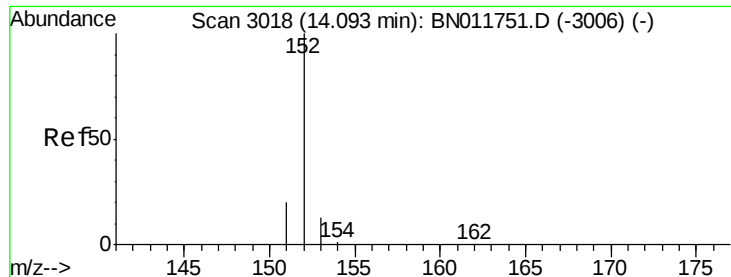
Acq: 09 Sep 2020 03:57

Tgt Ion:	142	Resp:	390
Ion	Ratio	Lower	Upper
142	100		
141	87.9	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: 0.156 ng/ul

RT: 14.09 min Scan# 3018

Delta R.T. 0.00 min

Lab File: BN011757.D

Acq: 09 Sep 2020 03:57

Instrument :

BNA_N

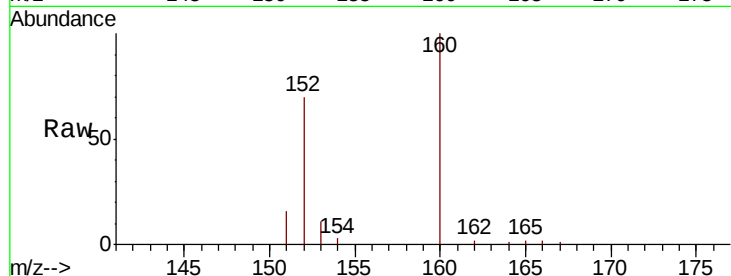
ClientSampleId :

C0AD3

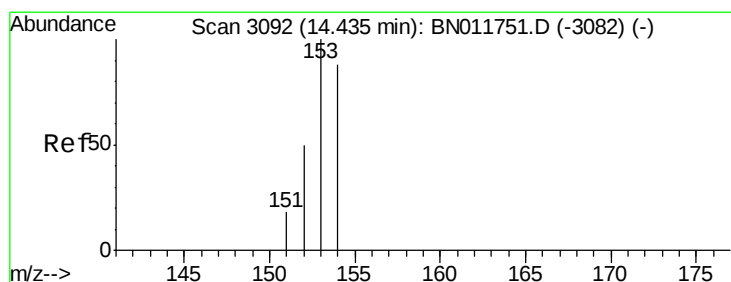
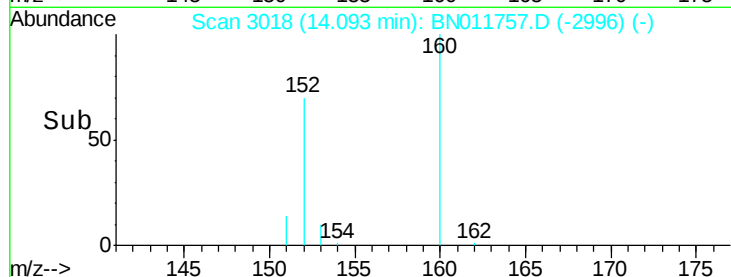
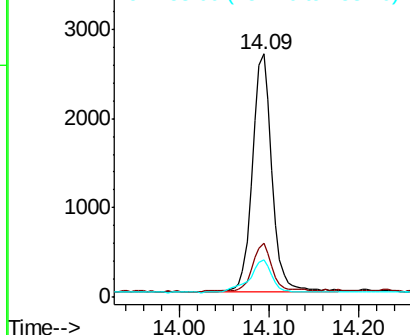
Tot Ion:	152	Resp:	4056
Ion Ratio	Lower	Upper	
152	100		
151	22.3	16.2	24.4
153	15.6	11.4	17.0

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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: 0.027 ng/ul

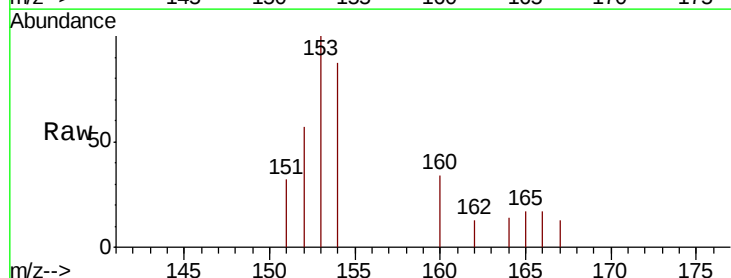
RT: 14.44 min Scan# 3092

Delta R.T. 0.00 min

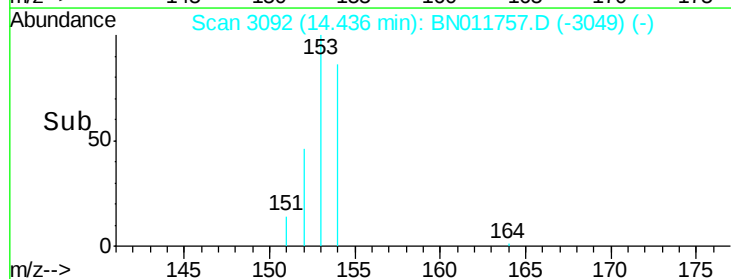
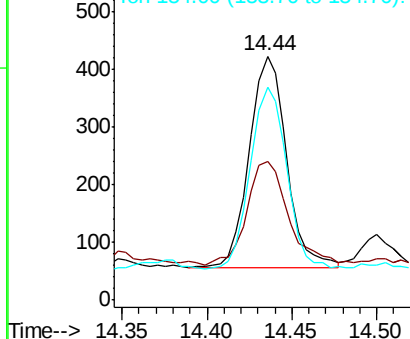
Lab File: BN011757.D

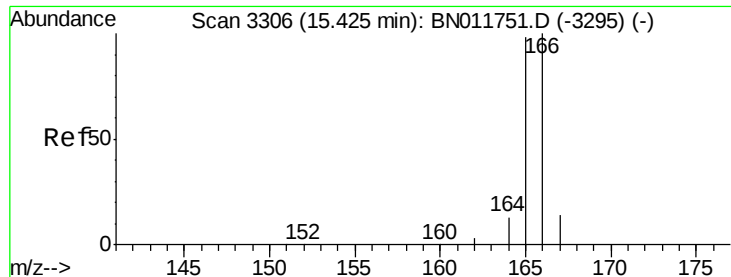
Acq: 09 Sep 2020 03:57

Tgt Ion:	153	Resp:	553
Ion Ratio	Lower	Upper	
153	100		
152	57.0	40.3	60.5
154	87.2	70.1	105.1



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





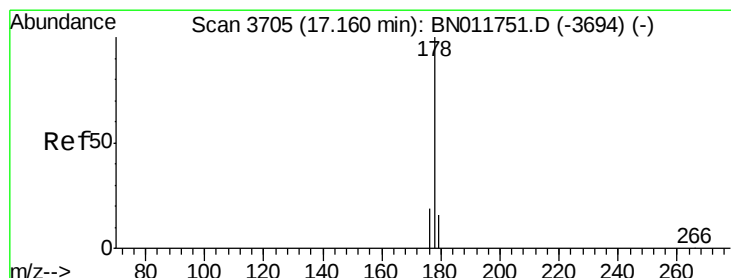
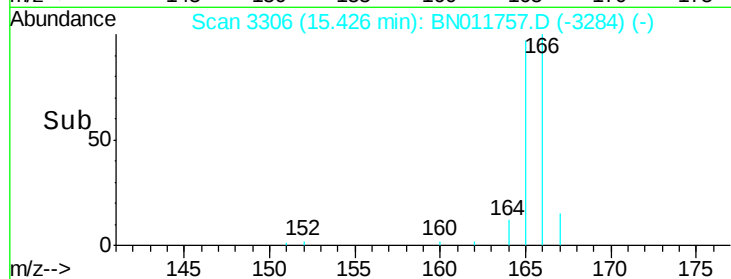
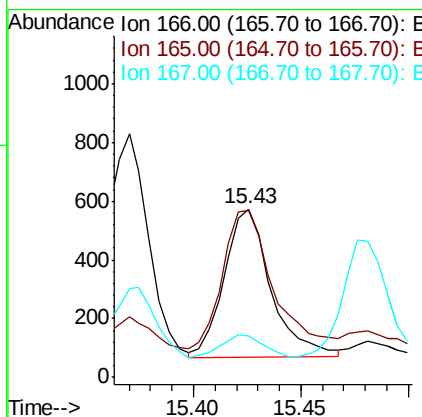
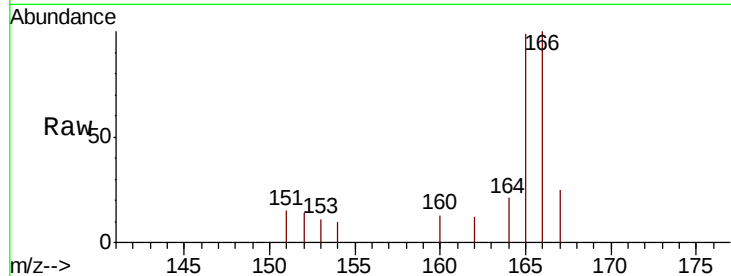
#9
Fluorene
 Concen: 0.032 ng/ul
 RT: 15.43 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: BN011757.D
 Acq: 09 Sep 2020 03:57

Instrument :
 BNA_N
 ClientSampleId :
 C0AD3

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.3	80.2	120.2
167	24.6	11.8	17.6

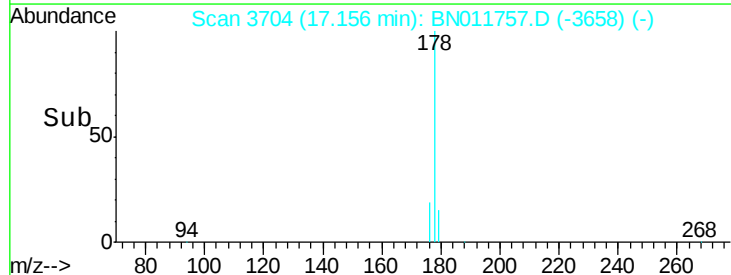
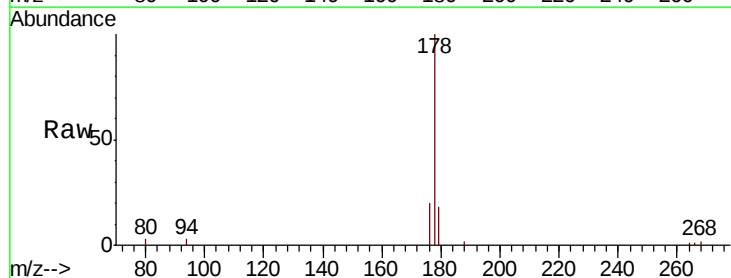
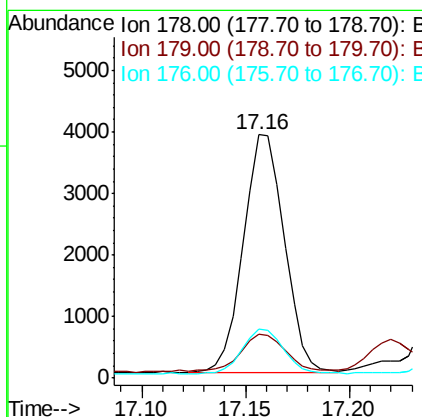
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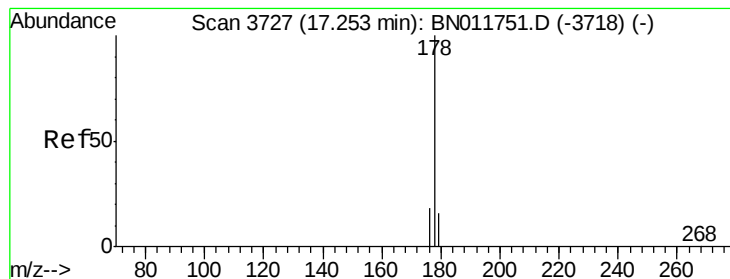
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#12
Phenanthrene
 Concen: 0.134 ng/ul
 RT: 17.16 min Scan# 3704
 Delta R.T. -0.00 min
 Lab File: BN011757.D
 Acq: 09 Sep 2020 03:57

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.0	12.6	19.0
176	20.4	16.0	24.0





#13

Anthracene

Concen: 0.124 ng/ul m

RT: 17.25 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BN011757.D

Acq: 09 Sep 2020 03:57

Instrument :

BNA_N

ClientSampleId :

C0AD3

Tot Ion:178 Resp: 4326

Ion Ratio Lower Upper

178 100

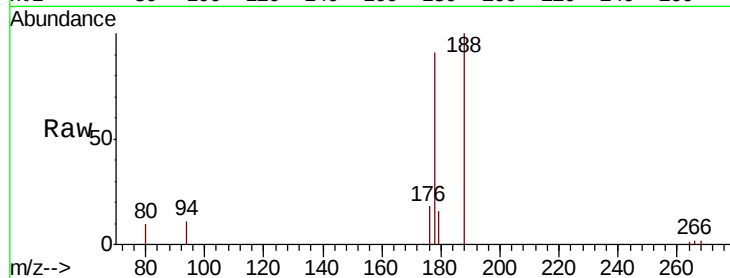
179 17.4 12.7 19.1

176 20.2 14.8 22.2

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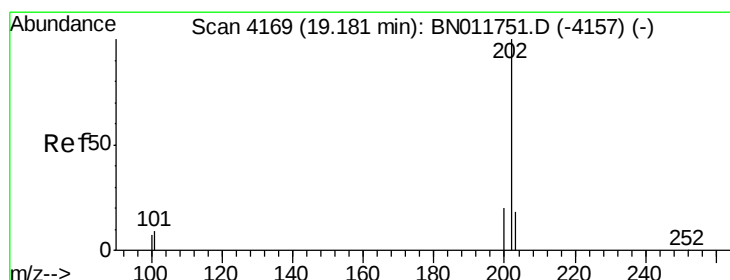
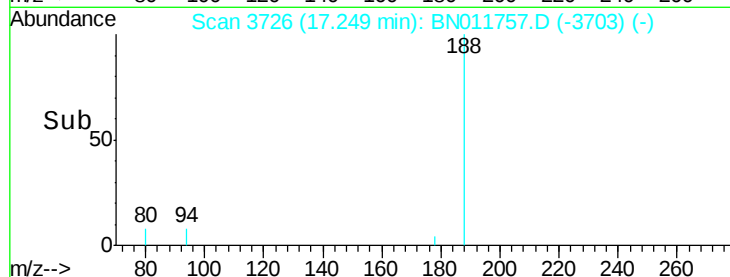
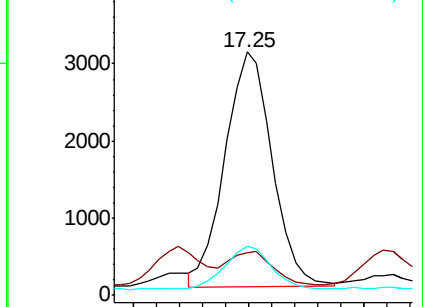
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.562 ng/ul

RT: 19.18 min Scan# 4168

Delta R.T. -0.00 min

Lab File: BN011757.D

Acq: 09 Sep 2020 03:57

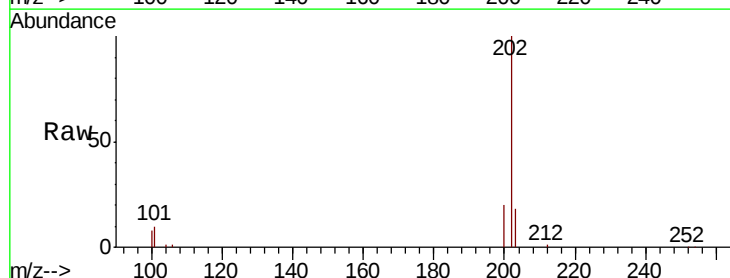
Tgt Ion:202 Resp: 24547

Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.1

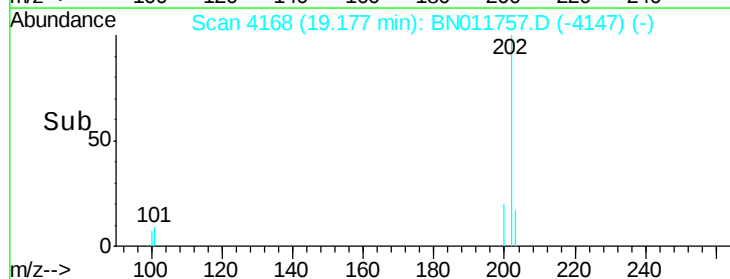
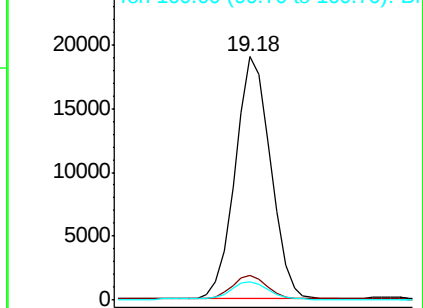
100 7.6 0.0 27.4

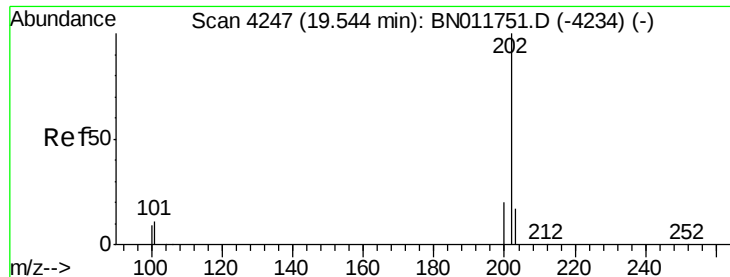


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





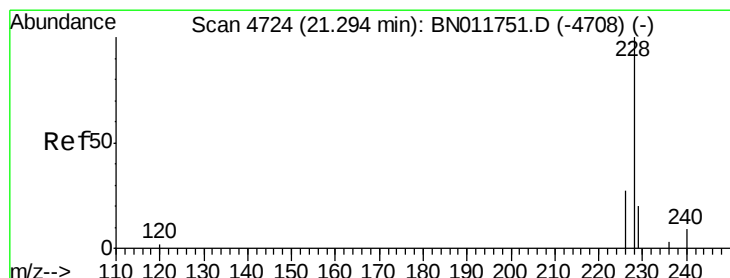
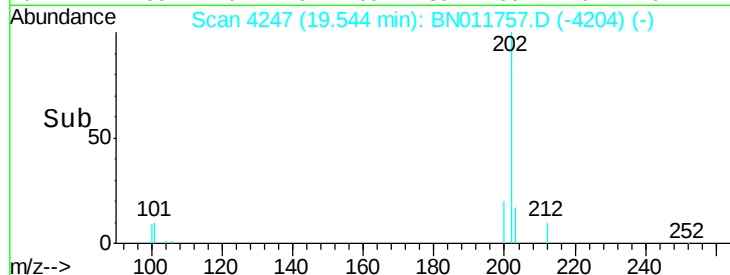
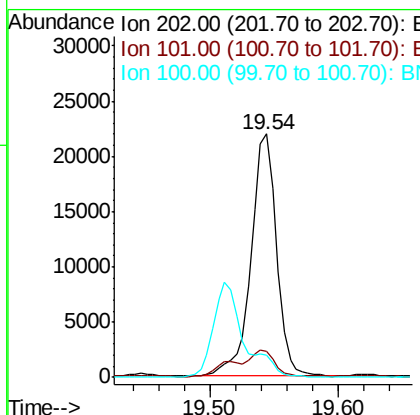
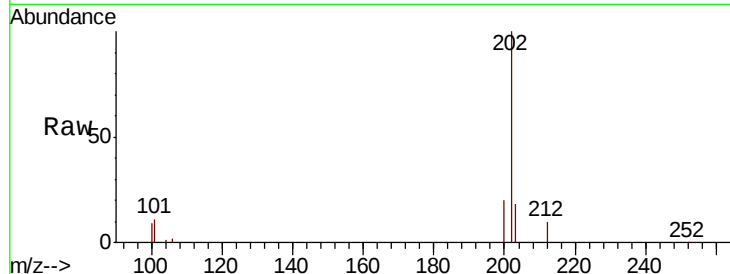
#17
Pvrene
Concen: 0.671 ng/ul
RT: 19.54 min Scan# 4247
Delta R.T. 0.00 min
Lab File: BN011757.D
Acq: 09 Sep 2020 03:57

Instrument :
BNA_N
ClientSampled :
C0AD3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.7	8.0	12.0
100	8.9	6.5	9.7

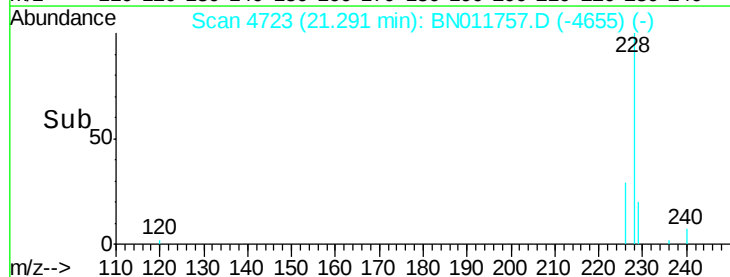
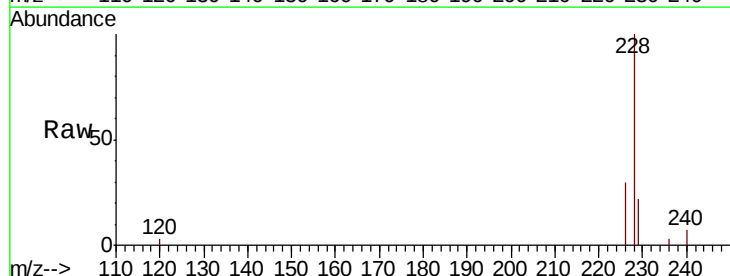
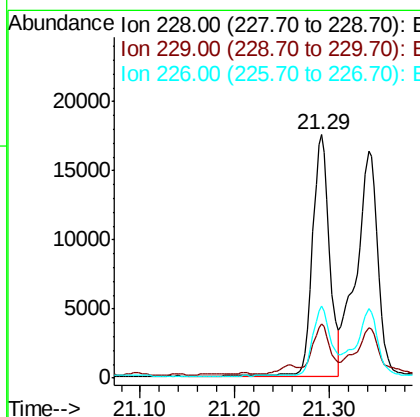
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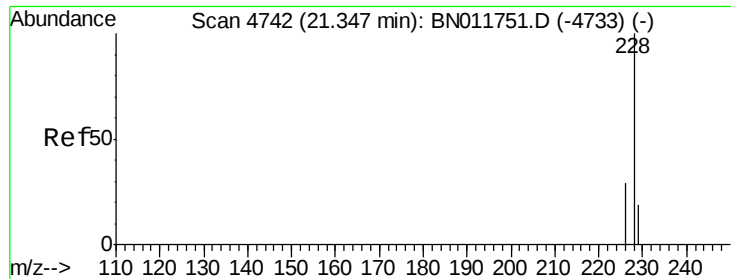
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#18
Benzo(a)anthracene
Concen: 0.552 ng/ul
RT: 21.29 min Scan# 4723
Delta R.T. -0.00 min
Lab File: BN011757.D
Acq: 09 Sep 2020 03:57

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.3	15.9	23.9
226	29.5	21.9	32.9





#19

Chrysene

Concen: 0.576 ng/ul

RT: 21.34 min Scan# 4740

Delta R.T. -0.01 min

Lab File: BN011757.D

Acq: 09 Sep 2020 03:57

Instrument :

BNA_N

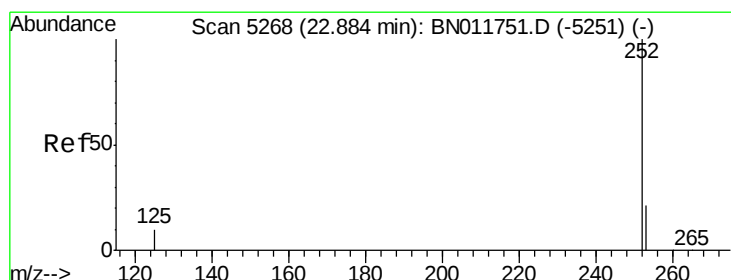
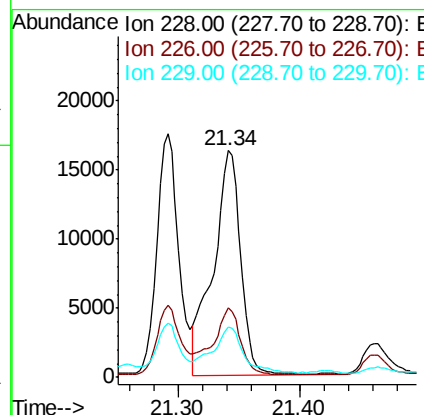
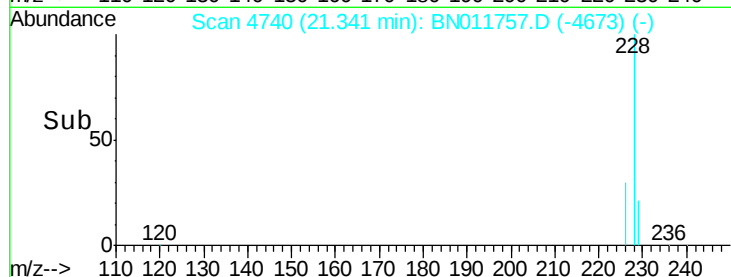
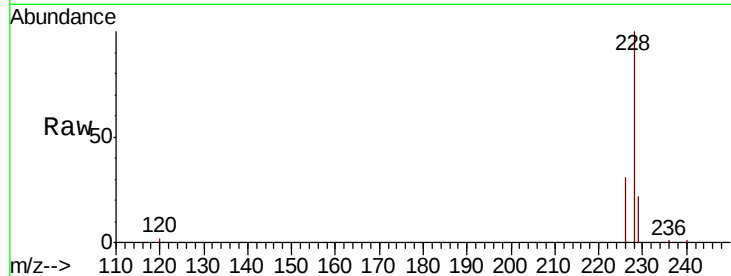
ClientSampled :

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Tot Ion:	228	Resp:	25571
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.6	37.0
229	22.3	15.9	23.9

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#21

Benzo(b)fluoranthene

Concen: 1.208 ng/ul m

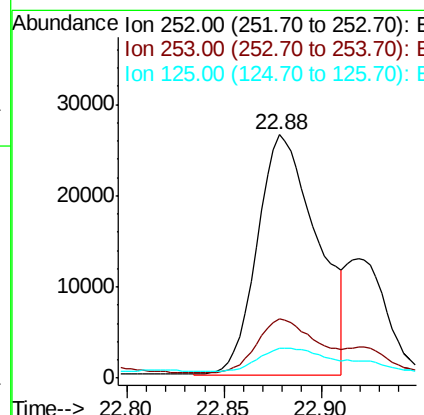
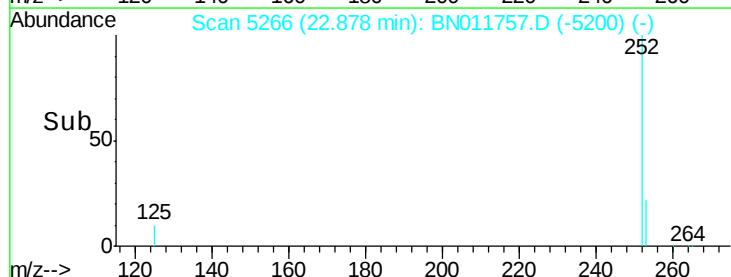
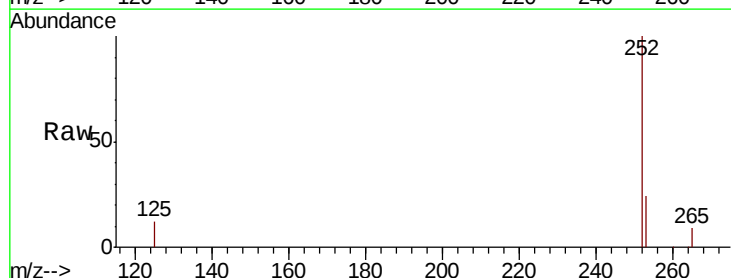
RT: 22.88 min Scan# 5266

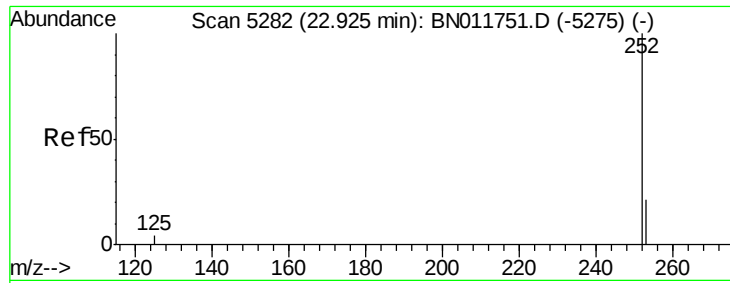
Delta R.T. -0.01 min

Lab File: BN011757.D

Acq: 09 Sep 2020 03:57

Tgt Ion:	252	Resp:	56855
Ion Ratio	Lower	Upper	
252	100		
253	24.4	0.0	50.6
125	12.0	0.0	23.6





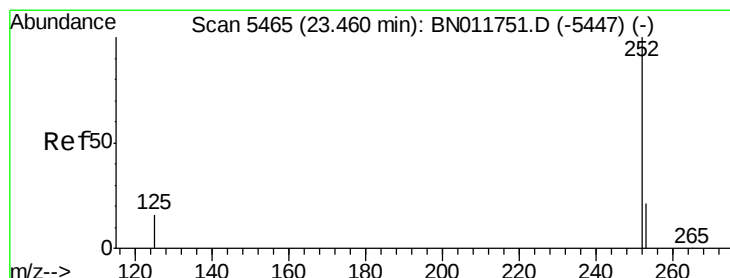
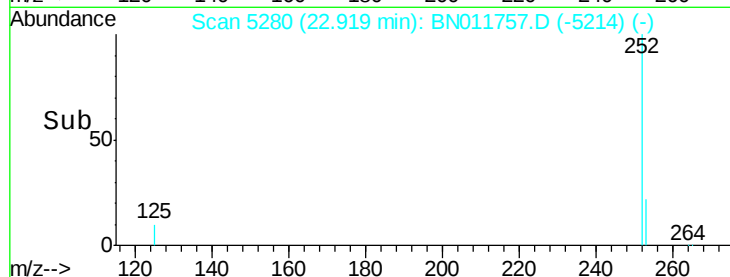
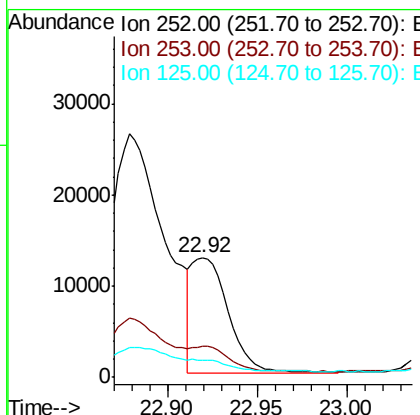
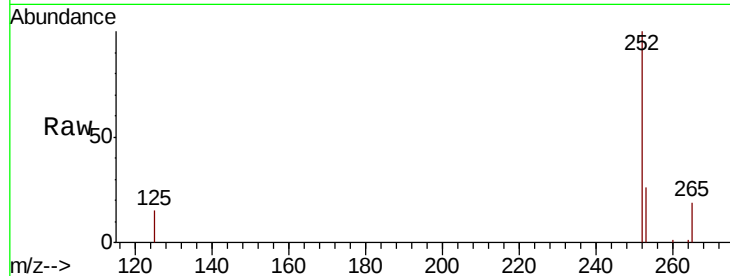
#22
Benzo(k)fluoranthene
Concen: 0.376 ng/ul m
RT: 22.92 min Scan# 5280
Delta R.T. -0.01 min
Lab File: BN011757.D
Acq: 09 Sep 2020 03:57

Instrument :
BNA_N
ClientSampleId :
C0AD3

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	20.7	31.1
125	14.7	9.7	14.5

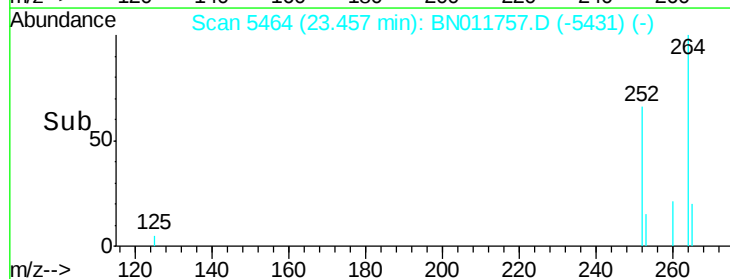
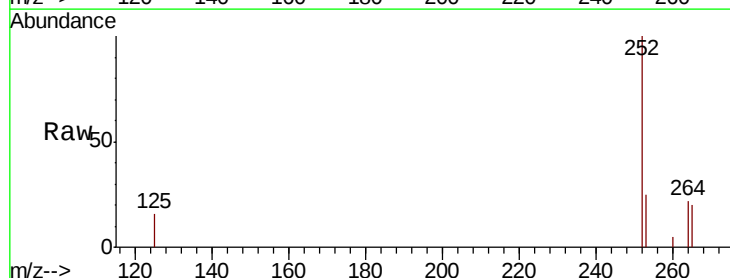
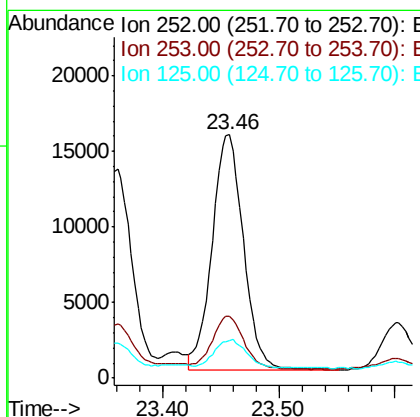
Manual Integrations
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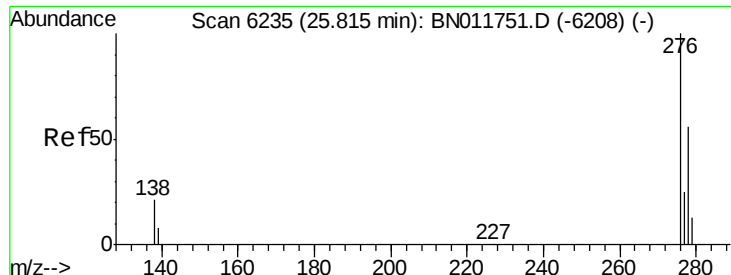
Sohil
9/9/2020 3:46:40 PM



#23
Benzo(a)pyrene
Concen: 0.716 ng/ul
RT: 23.46 min Scan# 5464
Delta R.T. -0.00 min
Lab File: BN011757.D
Acq: 09 Sep 2020 03:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	21.6	32.4
125	15.5	12.6	18.8





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.360 ng/u1

RT: 25.81 min Scan# 6233

Delta R.T. -0.01 min

Lab File: BN011757.D

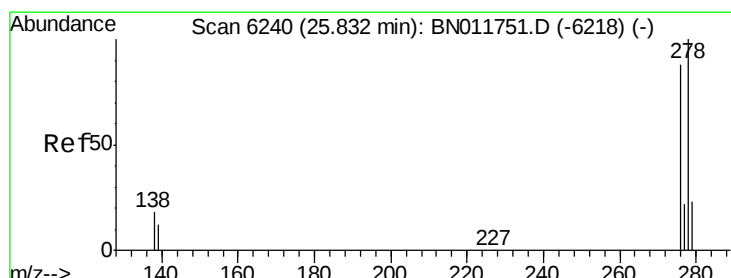
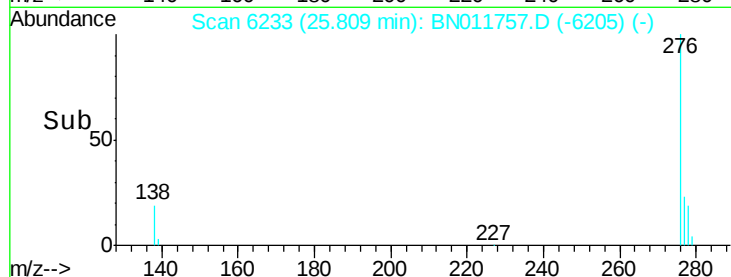
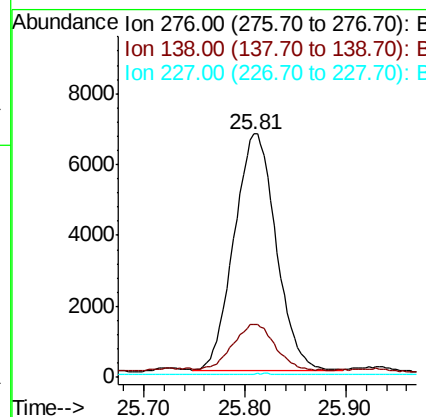
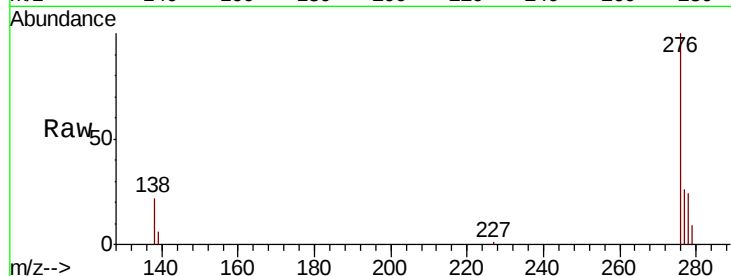
Acq: 09 Sep 2020 03:57

Instrument :
BNA_N
ClientSampled :
C0AD3

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	19.2	0.0	0.0#
227	0.1	0.1	0.1

Manual Integrations
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Sohil
9/9/2020 3:46:40 PM



#25

Dibenzo(a,h)anthracene

Concen: 0.129 ng/u1

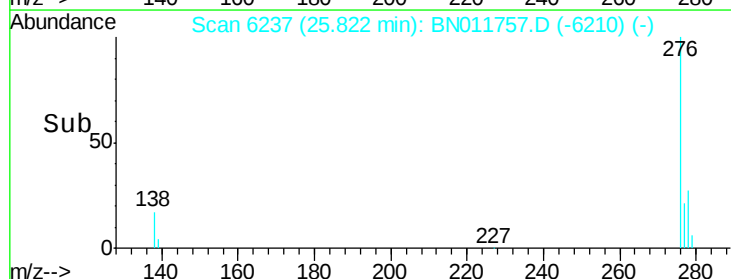
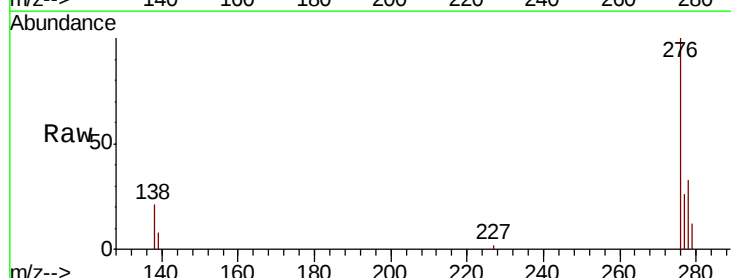
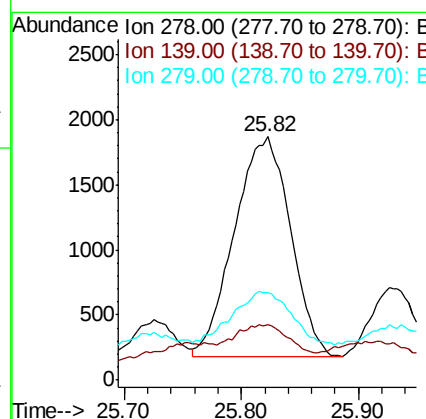
RT: 25.82 min Scan# 6237

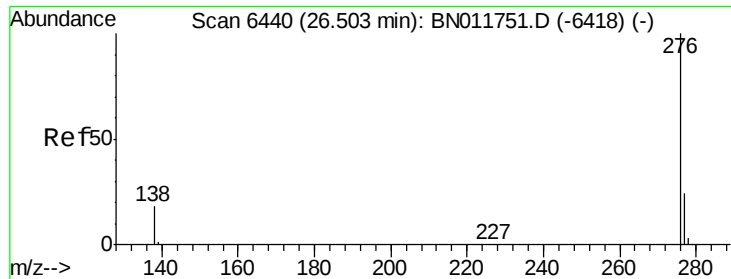
Delta R.T. -0.01 min

Lab File: BN011757.D

Acq: 09 Sep 2020 03:57

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	22.7	12.4	18.6#
279	35.8	21.8	32.6#





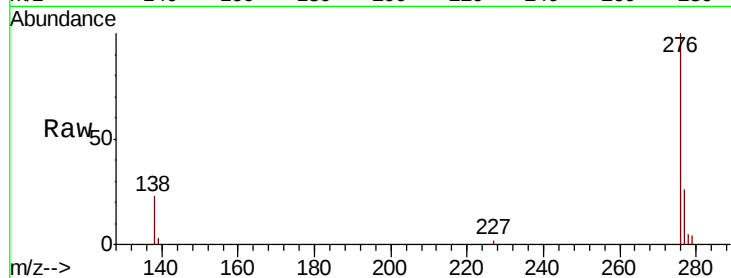
#26
 Benzo(a,h,i)perylene
 Concen: 0.346 ng/ul
 RT: 26.50 min Scan# 6439
 Delta R.T. -0.00 min
 Lab File: BN011757.D
 Acq: 09 Sep 2020 03:57

Instrument :
 BNA_N
 ClientSampleId :
 C0AD3

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.0	14.7	22.1#
277	26.0	19.5	29.3

Manual Integrations
 APPROVED

Sohil
 9/9/2020 3:46:40 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

