

Data File : BN012257.D
Acq On : 16 Oct 2020 09:06
Operator : CG/JU
Sample : L4235-06DL 5X
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AS9DL

Manual Integrations
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Quant Time: Oct 16 11:00:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 10:51:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	1445	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	6072	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.25	164	3490	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	7485	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	6707	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	7273	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	316	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	888	0.04	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.43	128	1690	0.096	ng/ul#	93
5) 2-Methylnaphthalene	12.06	142	2521	0.226	ng/ul	100
7) Acenaphthylene	13.97	152	2099	0.139	ng/ul#	87
8) Acenaphthene	14.32	153	15515	1.212	ng/ul	99
9) Fluorene	15.31	166	23947	1.681	ng/ul	100
12) Phenanthrene	17.04	178	378069	15.845	ng/ul	97
13) Anthracene	17.14	178	103556	5.060	ng/ul	96
15) Fluoranthene	19.07	202	520956	18.673	ng/ul	98
17) Pyrene	19.44	202	429921	14.217	ng/ul	98
18) Benzo(a)anthracene	21.19	228	229437	9.235	ng/ul	98
19) Chrysene	21.24	228	194219	6.417	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	233722m	7.956	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	91823m	2.824	ng/ul	
23) Benzo(a)pyrene	23.30	252	169831	5.943	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.58	276	106486	2.900	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	31252m	1.064	ng/ul	
26) Benzo(g,h,i)perylene	26.24	276	89288	2.653	ng/ul	97

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

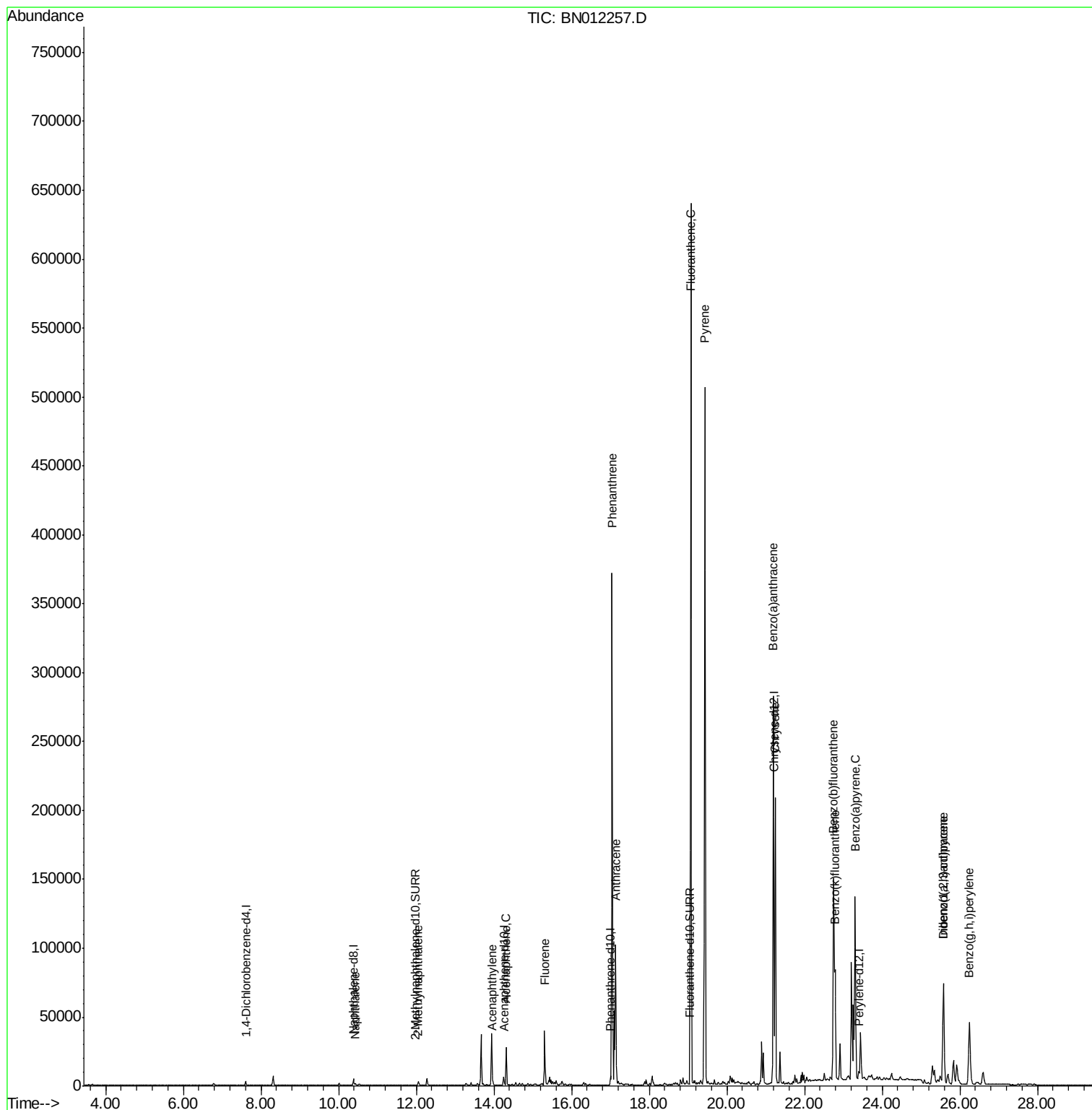
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ALS Vial : 69 Sample Multiplier: 1

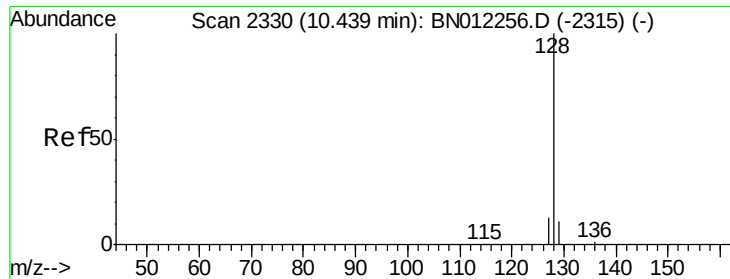
Instrument :
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Quant Time: Oct 16 11:00:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101420.M
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#3

Naphthalene

Concen: 0.096 ng/ul

RT: 10.43 min Scan# 2328

Delta R.T. -0.01 min

Lab File: BN012257.D

Acq: 16 Oct 2020 09:06

Instrument :

BNA_N

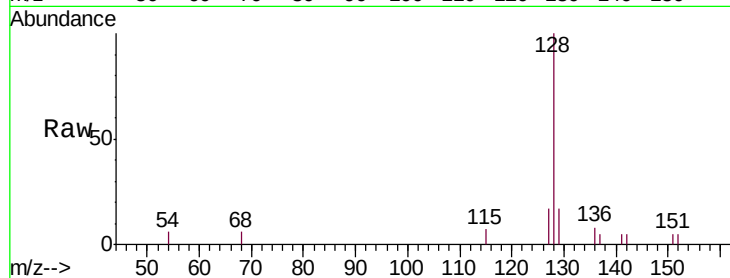
ClientSampleId :

C0AS9DL

Tgt Ion:	128	Resp:	1690
Ion Ratio	Lower	Upper	
128	100		
129	16.7	10.3	15.5#
127	17.1	11.9	17.9

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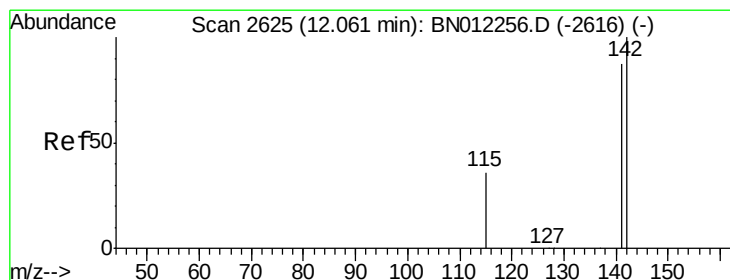
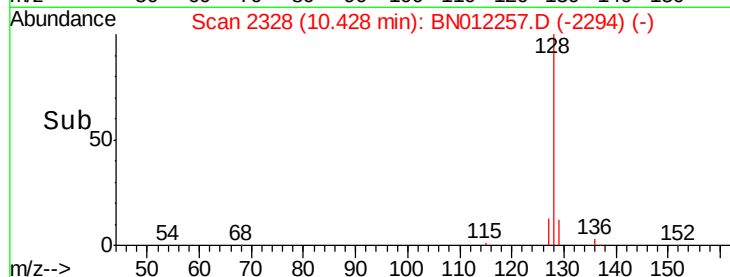
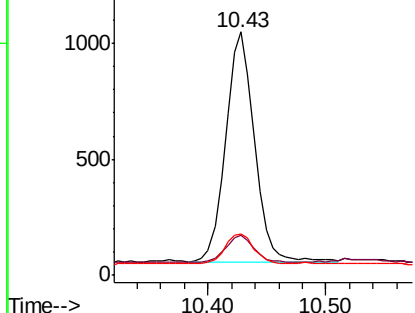
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.226 ng/ul

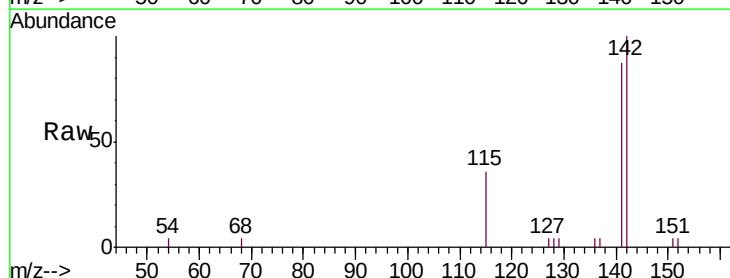
RT: 12.06 min Scan# 2624

Delta R.T. -0.01 min

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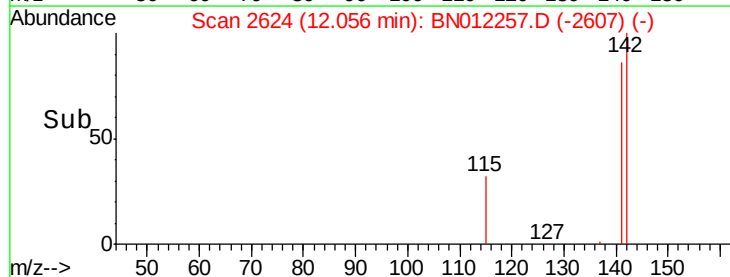
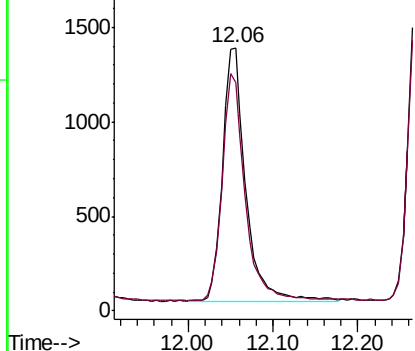
Acq: 16 Oct 2020 09:06

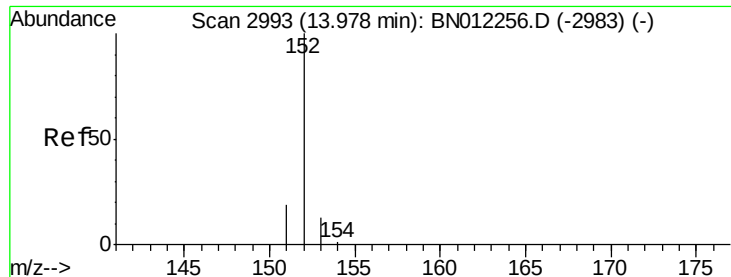
Tgt Ion:	142	Resp:	2521
Ion Ratio	Lower	Upper	
142	100		
141	89.5	71.7	107.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.139 ng/ul

RT: 13.97 min Scan# 2991

Delta R.T. -0.01 min

Lab File: BN012257.D

Acq: 16 Oct 2020 09:06

Instrument :

BNA_N

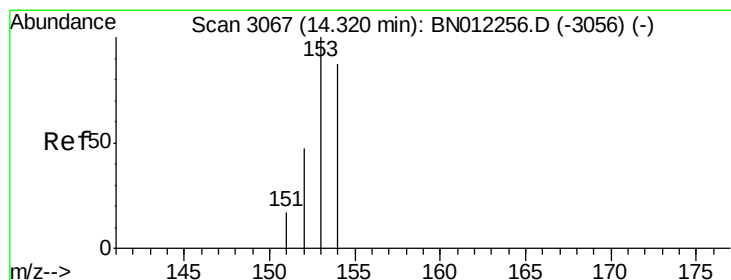
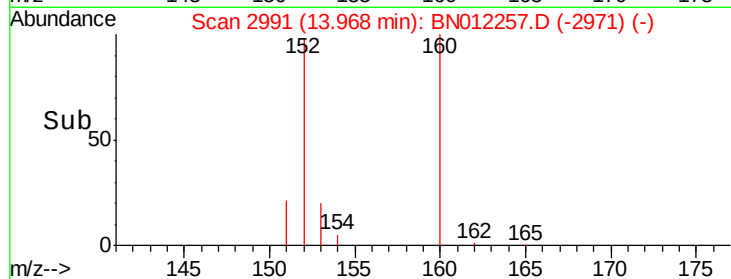
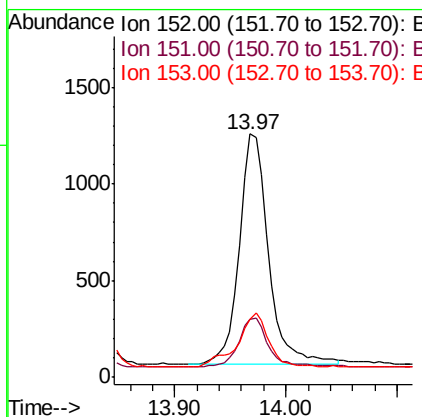
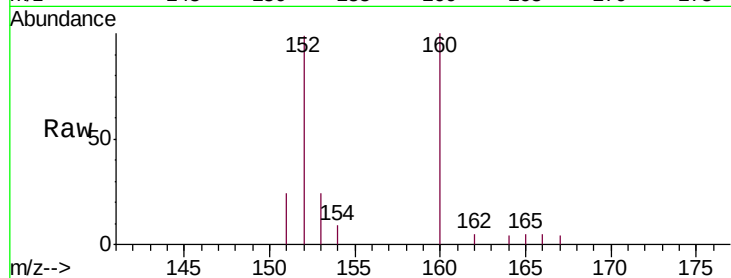
ClientSampleId :

C0AS9DL

Tgt Ion:	152	Resp:	2099
Ion Ratio	Lower	Upper	
152	100		
151	24.1	16.7	25.1
153	23.7	11.8	17.8#

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#8

Acenaphthene

Concen: 1.212 ng/ul

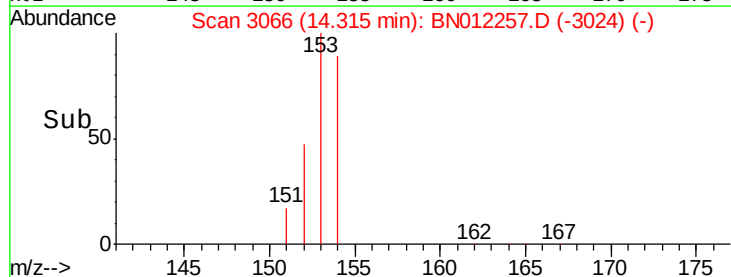
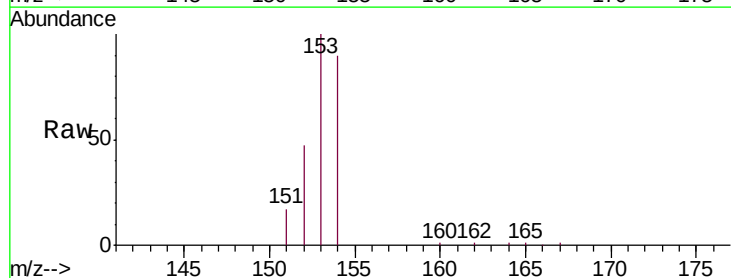
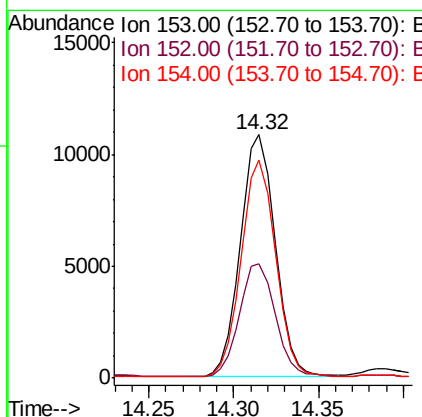
RT: 14.32 min Scan# 3066

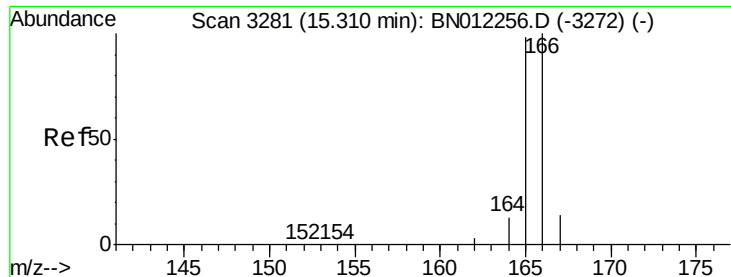
Delta R.T. -0.00 min

Lab File: BN012257.D

Acq: 16 Oct 2020 09:06

Tgt Ion:	153	Resp:	15515
Ion Ratio	Lower	Upper	
153	100		
152	47.0	38.2	57.2
154	89.5	71.1	106.7





#9

Fluorene

Concen: 1.681 ng/ul

RT: 15.31 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BN012257.D

Acq: 16 Oct 2020 09:06

Instrument :

BNA_N

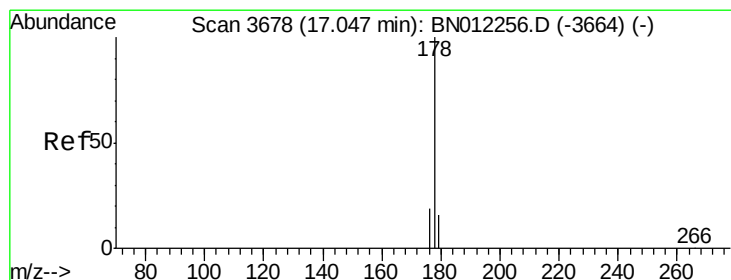
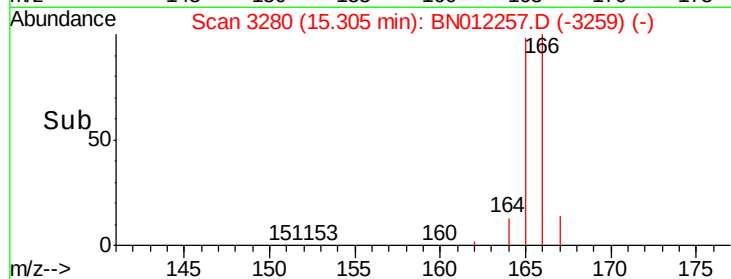
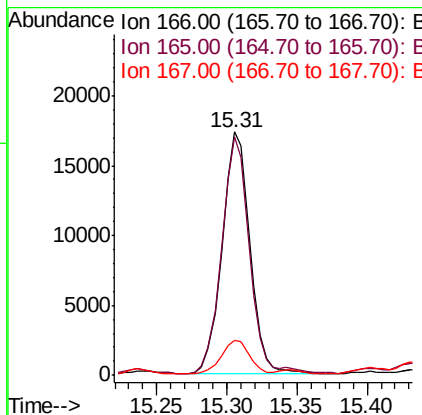
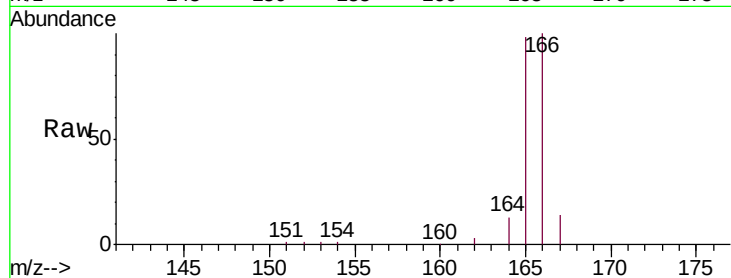
ClientSampleId :

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Tgt Ion:	166	Resp:	23947
Ion Ratio	Lower	Upper	
166	100		
165	98.1	78.6	118.0
167	14.4	11.9	17.9

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#12

Phenanthrene

Concen: 15.845 ng/ul

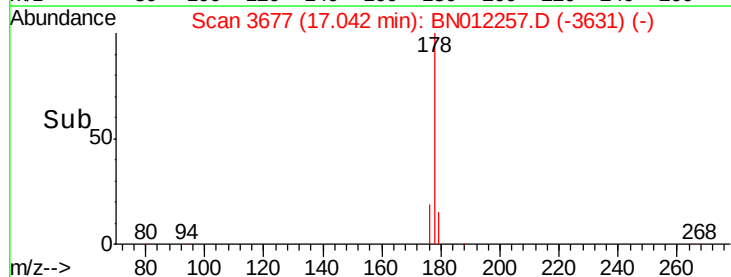
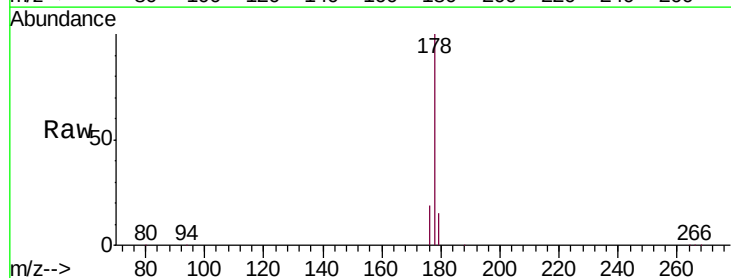
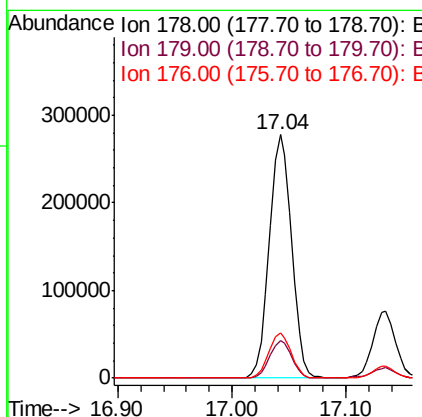
RT: 17.04 min Scan# 3677

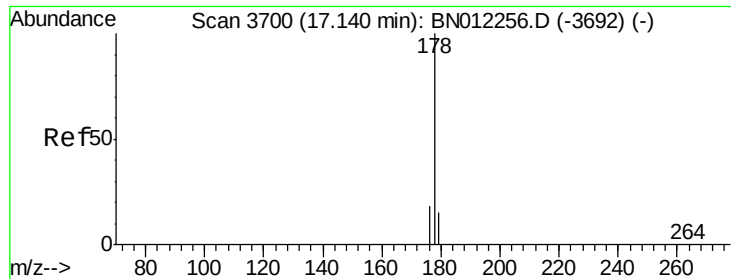
Delta R.T. -0.00 min

Lab File: BN012257.D

Acq: 16 Oct 2020 09:06

Tgt Ion:	178	Resp:	378069
Ion Ratio	Lower	Upper	
178	100		
179	15.3	13.4	20.2
176	18.6	15.7	23.5





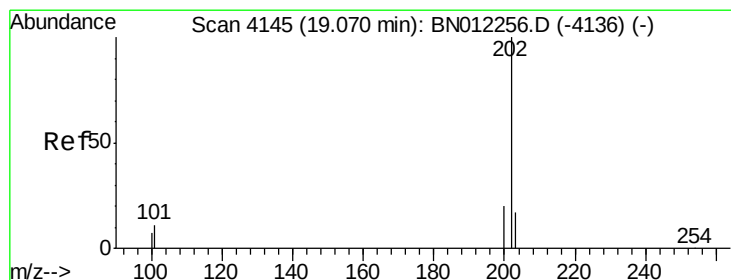
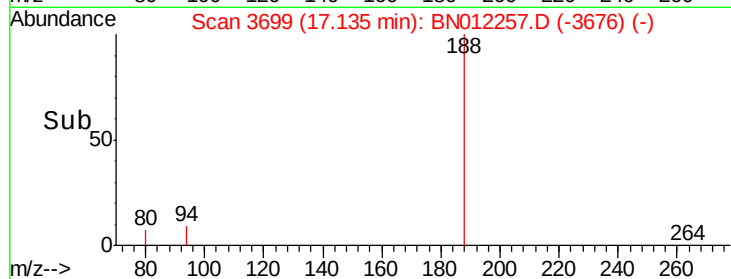
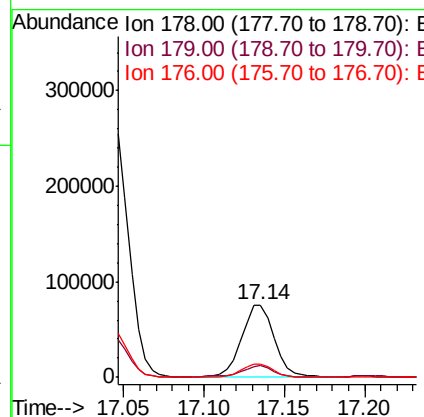
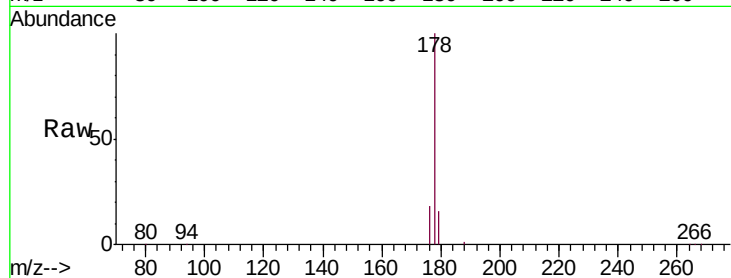
#13
 Anthracene
 Concen: 5.060 ng/ul
 RT: 17.14 min Scan# 3699
 Delta R.T. -0.00 min
 Lab File: BN012257.D
 Acq: 16 Oct 2020 09:06

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:	178	Resp:	103556
Ion Ratio	Lower	Upper	
178	100		
179	15.6	13.9	20.9
176	17.7	15.4	23.0

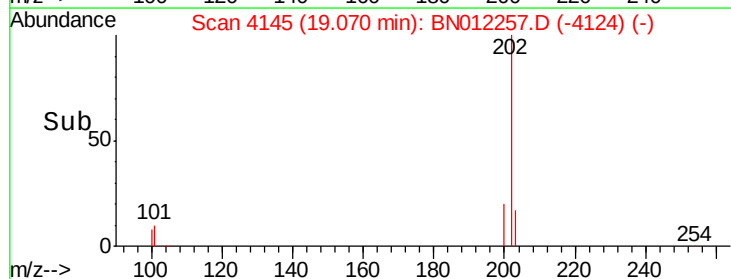
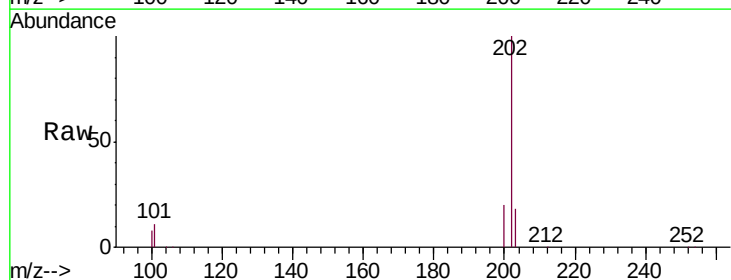
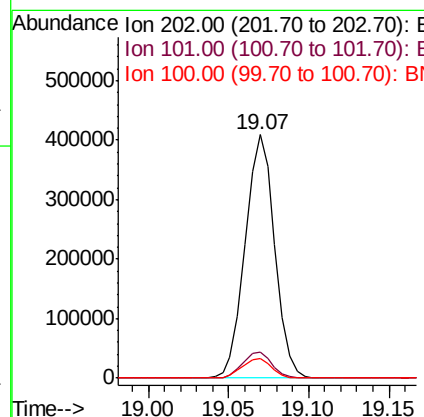
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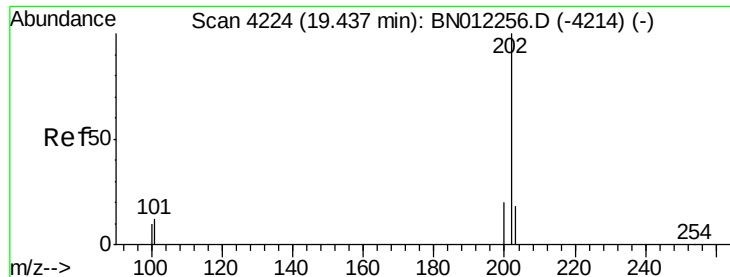
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#15
 Fluoranthene
 Concen: 18.673 ng/ul
 RT: 19.07 min Scan# 4145
 Delta R.T. -0.00 min
 Lab File: BN012257.D
 Acq: 16 Oct 2020 09:06

Tgt Ion:	202	Resp:	520956
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	31.0
100	8.0	0.0	28.7





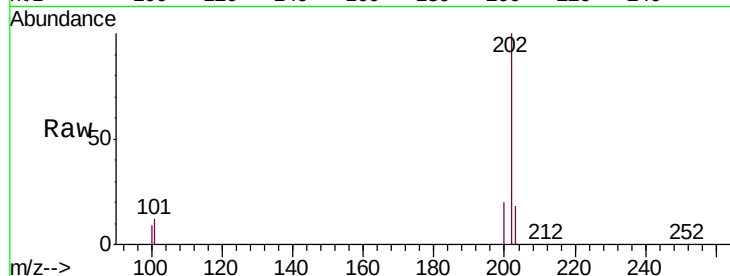
#17
Pyrene
Concen: 14.217 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN012257.D
Acq: 16 Oct 2020 09:06

Instrument :
BNA_N
ClientSampleId :
C0AS9DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.7	9.9	14.9
100	9.4	8.0	12.0

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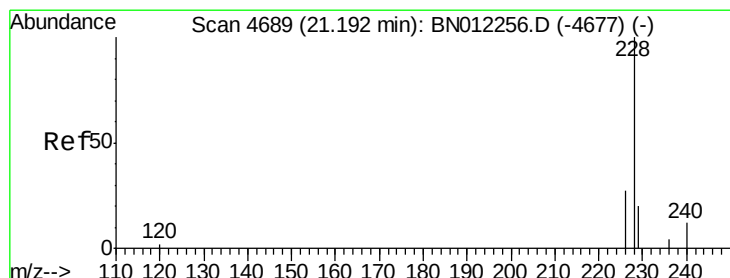
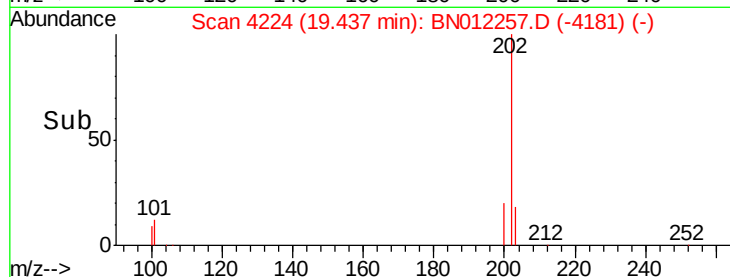
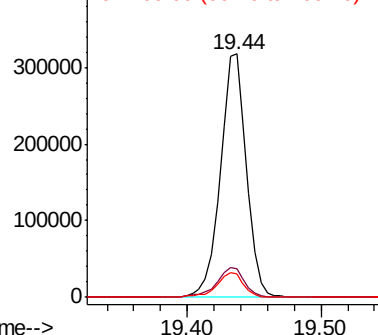


Abundance

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



#18
Benzo(a)anthracene
Concen: 9.235 ng/ul
RT: 21.19 min Scan# 4690
Delta R.T. 0.00 min
Lab File: BN012257.D
Acq: 16 Oct 2020 09:06

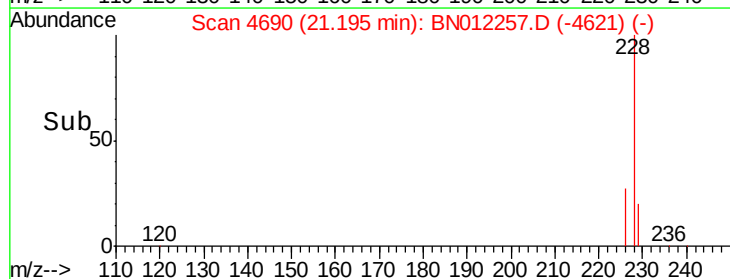
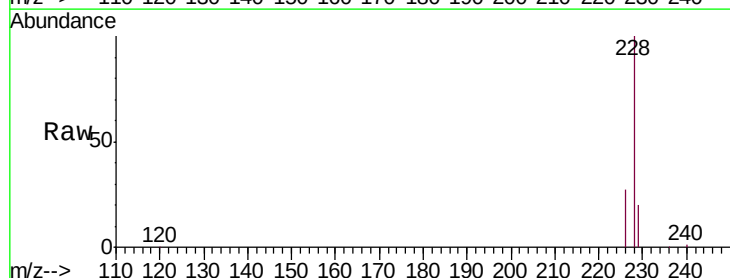
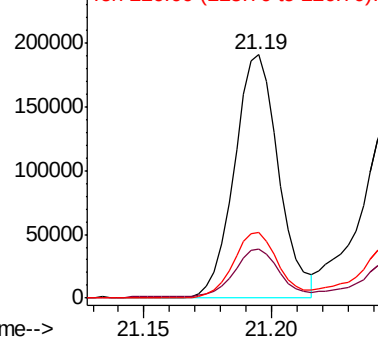
Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.2	15.8	23.8
226	27.0	22.6	33.8

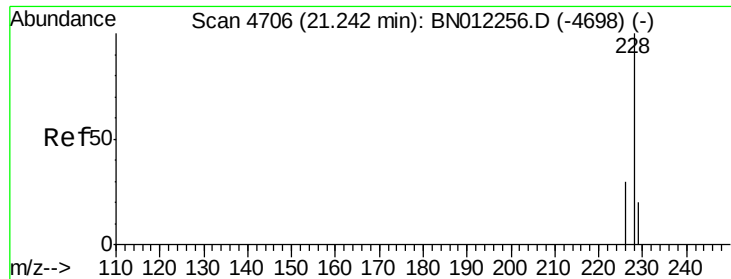
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





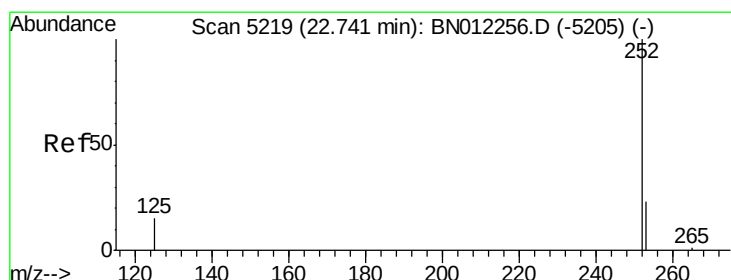
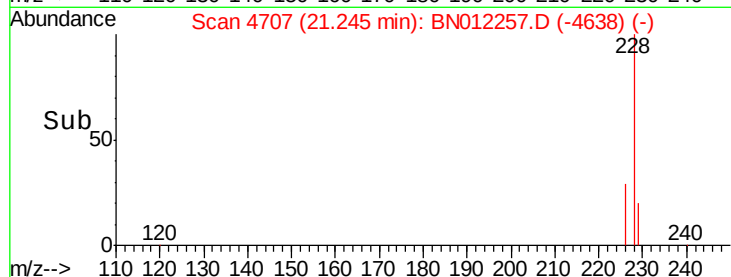
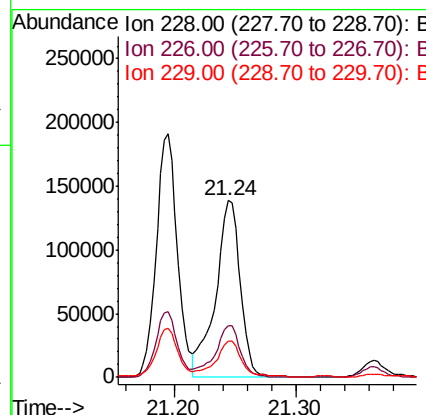
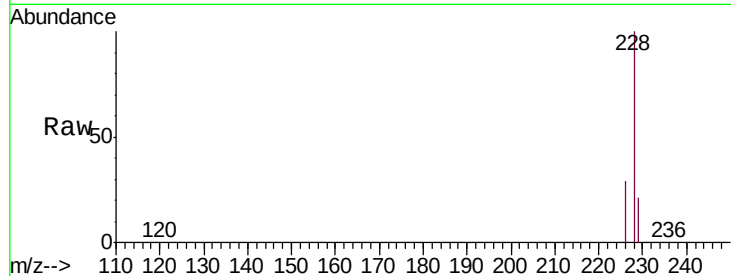
#19
Chrysene
Concen: 6.417 ng/ul
RT: 21.24 min Scan# 4707
Delta R.T. 0.00 min
Lab File: BN012257.D
Acq: 16 Oct 2020 09:06

Instrument :
BNA_N
ClientSampleId :
C0AS9DL

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.6	37.0
229	20.6	17.0	25.6

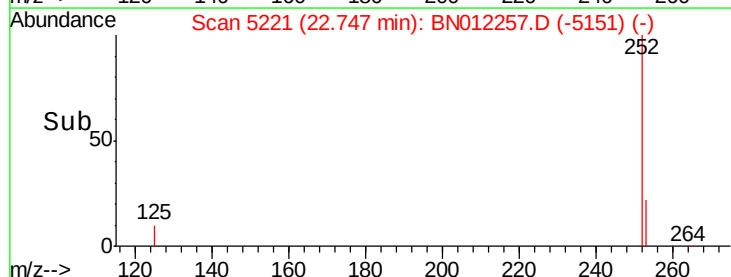
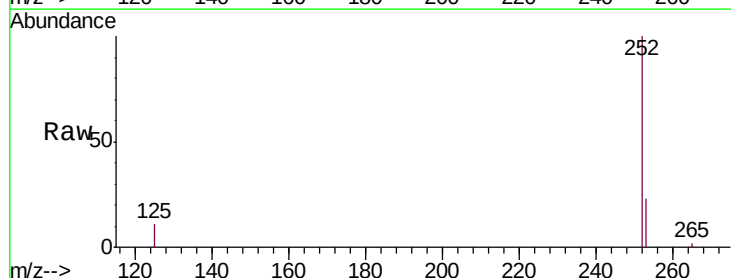
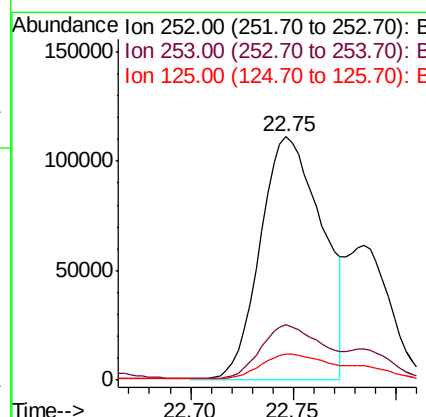
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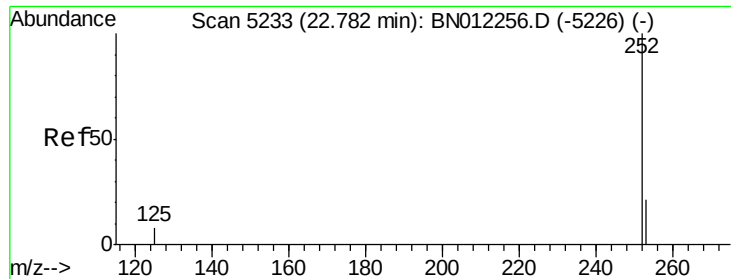
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#21
Benzo(b)fluoranthene
Concen: 7.956 ng/ul m
RT: 22.75 min Scan# 5221
Delta R.T. 0.01 min
Lab File: BN012257.D
Acq: 16 Oct 2020 09:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	61.6
125	10.8	0.0	36.8





#22

Benzo(k)fluoranthene

Concen: 2.824 ng/ul m

RT: 22.78 min Scan# 5234

Delta R.T. 0.00 min

Lab File: BN012257.D

Acq: 16 Oct 2020 09:06

Instrument :

BNA_N

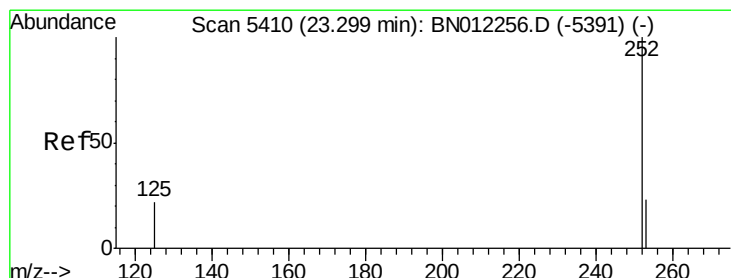
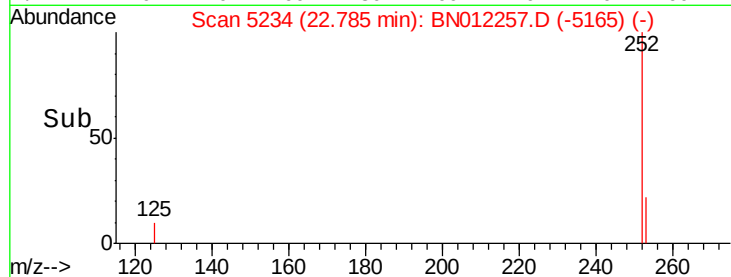
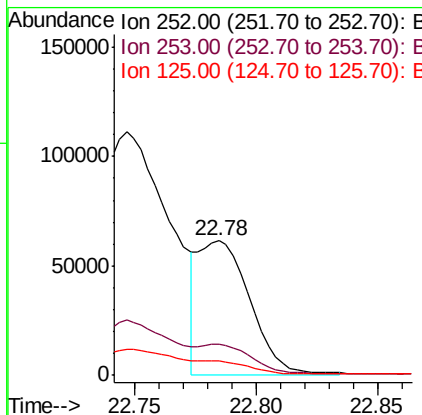
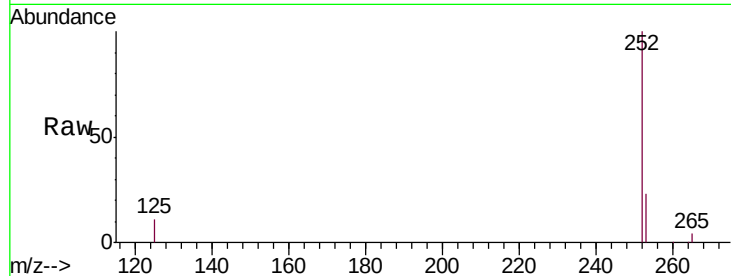
ClientSampleId :

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Tgt Ion:	252	Resp:	91823
Ion Ratio	Lower	Upper	
252	100		
253	23.3	24.4	36.6#
125	10.8	12.9	19.3#

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#23

Benzo(a)pyrene

Concen: 5.943 ng/ul

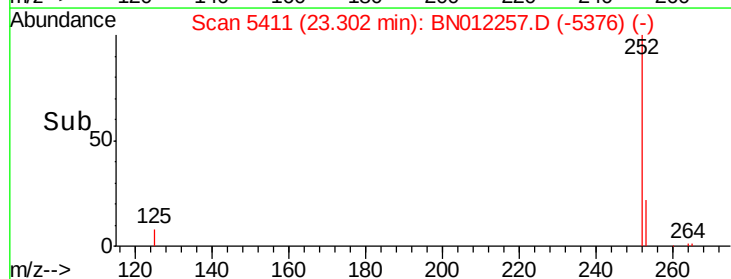
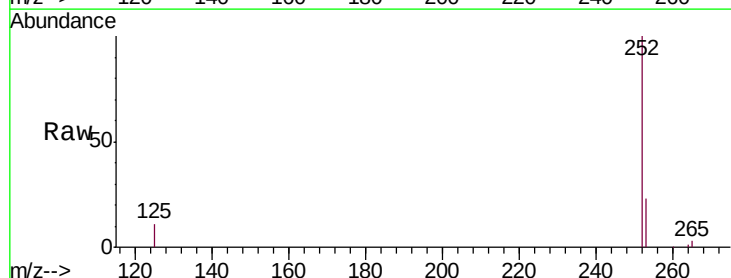
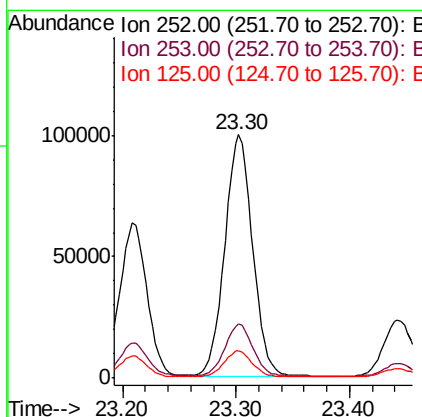
RT: 23.30 min Scan# 5411

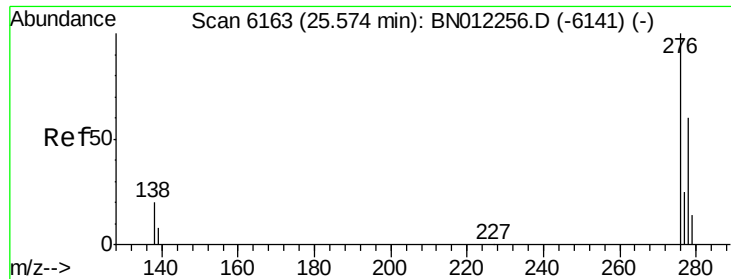
Delta R.T. 0.00 min

Lab File: BN012257.D

Acq: 16 Oct 2020 09:06

Tgt Ion:	252	Resp:	169831
Ion Ratio	Lower	Upper	
252	100		
253	22.5	27.0	40.4#
125	11.3	18.8	28.2#





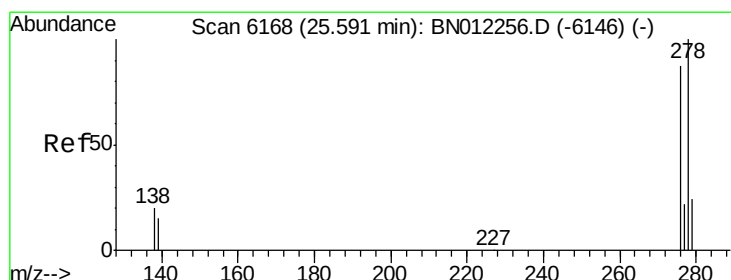
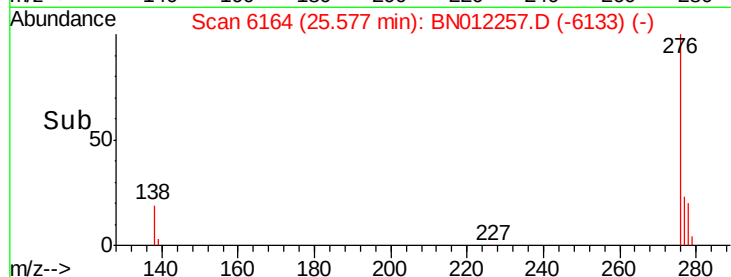
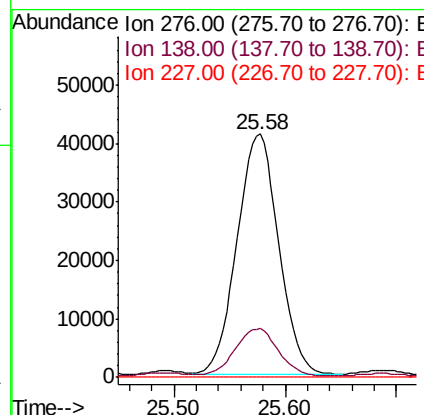
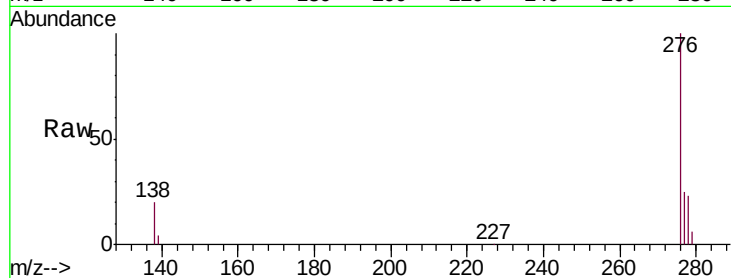
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.900 ng/ul
 RT: 25.58 min Scan# 6164
 Delta R.T. 0.00 min
 Lab File: BN012257.D
 Acq: 16 Oct 2020 09:06

Instrument :
 BNA_N
 ClientSampleId :
 C0AS9DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	20.3	0.0	0.0#
227	0.1	0.0	0.0#

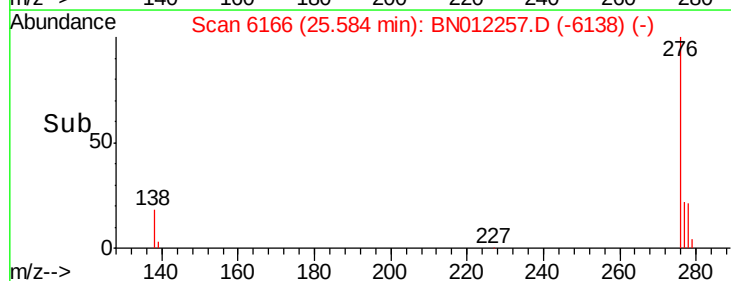
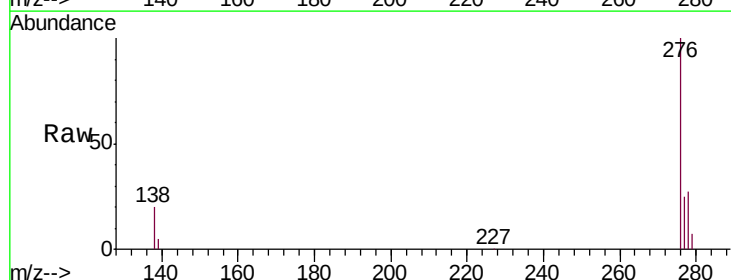
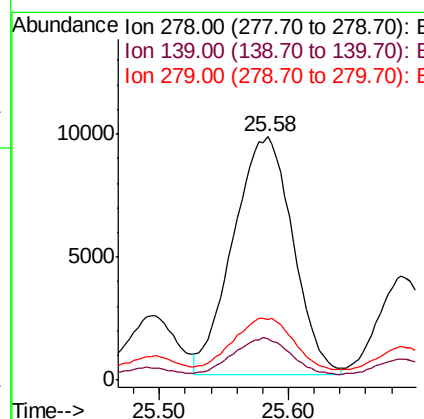
Manual Integrations
 APPROVED

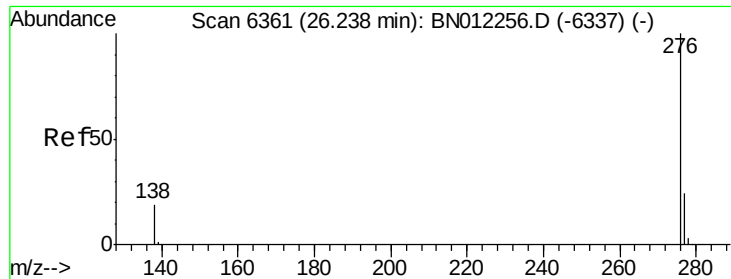
mohammad
 10/19/2020 1:20:54 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.064 ng/ul m
 RT: 25.58 min Scan# 6166
 Delta R.T. -0.01 min
 Lab File: BN012257.D
 Acq: 16 Oct 2020 09:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	16.8	15.7	23.5
279	25.1	26.0	39.0#





#26

Benzo(g,h,i)perylene

Concen: 2.653 ng/ul

RT: 26.24 min Scan# 6363

Delta R.T. 0.01 min

Lab File: BN012257.D

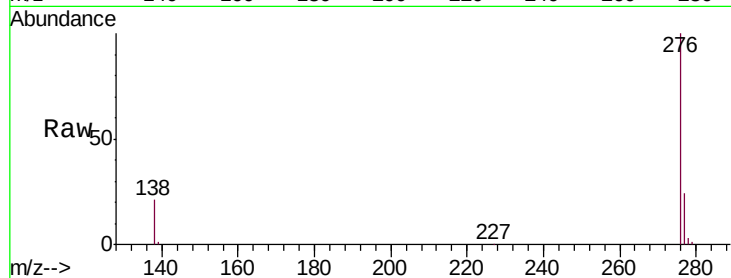
Acq: 16 Oct 2020 09:06

Instrument :

BNA_N

ClientSampleId :

C0AS9DL



Tgt Ion:	276	Resp:	89288
Ion Ratio	Lower	Upper	
276	100		
138	21.0	17.1	25.7
277	24.4	21.1	31.7

Manual Integrations
APPROVED

mohammad
10/19/2020 1:20:54 PM

