

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
 Data File : BN011756.D
 Acq On : 09 Sep 2020 03:21
 Operator : CG/JU
 Sample : L3843-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC6

Manual Integrations
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Quant Time: Sep 09 07:41:16 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	2339	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	9080	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	5213	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	11238m	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	9853	0.40	ng/ul	0.00
20) Perylene-d12	23.55	264	9953	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	2926	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	6508	0.22	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.57	128	1916	0.071	ng/ul#	91
7) Acenaphthylene	14.09	152	4191	0.167	ng/ul	98
8) Acenaphthene	14.44	153	3313	0.164	ng/ul	97
9) Fluorene	15.43	166	1367	0.059	ng/ul#	91
12) Phenanthrene	17.16	178	6714	0.178	ng/ul	97
13) Anthracene	17.25	178	6246	0.186	ng/ul	96
15) Fluoranthene	19.18	202	33829	0.805	ng/ul	99
17) Pyrene	19.54	202	32827	0.750	ng/ul	98
18) Benzo(a)anthracene	21.29	228	19035	0.497	ng/ul	96
19) Chrysene	21.34	228	25192	0.589	ng/ul	98
21) Benzo(b)fluoranthene	22.88	252	30547m	0.655	ng/ul	
22) Benzo(k)fluoranthene	22.92	252	11247m	0.235	ng/ul	
23) Benzo(a)pyrene	23.46	252	20948	0.520	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.81	276	13735	0.260	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.82	278	4543	0.105	ng/ul#	84
26) Benzo(a,h,i)perylene	26.50	276	11774	0.255	ng/ul#	94

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

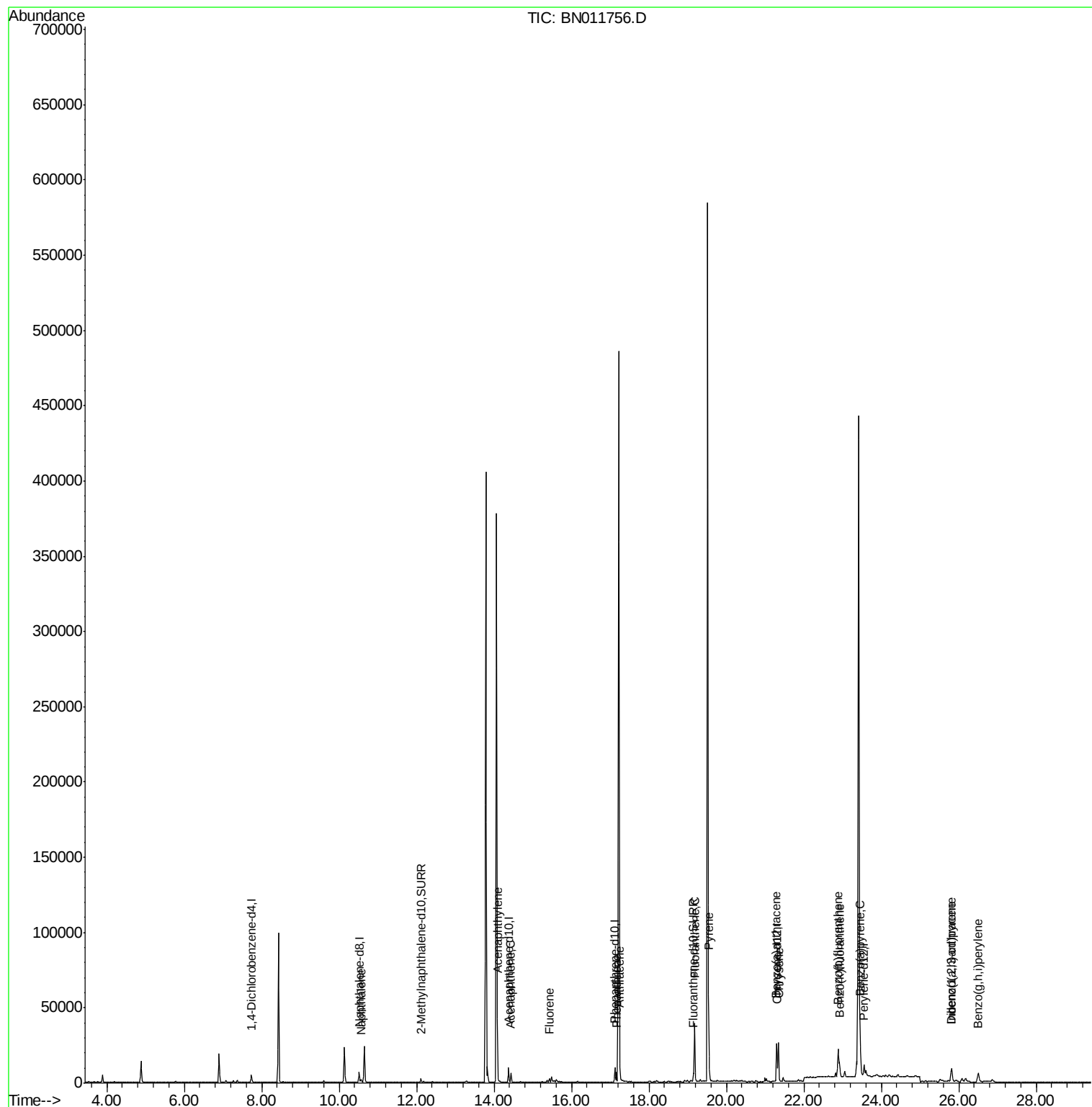
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011756.D
Acq On : 09 Sep 2020 03:21
Operator : CG/JU
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Misc :
ALS Vial : 29 Sample Multiplier: 1

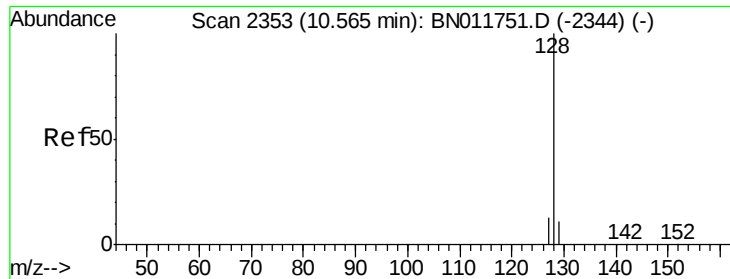
Instrument :
BNA_N
ClientSampleId :
C0AC6

Quant Time: Sep 09 07:41:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
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#3

Naphthalene

Concen: 0.071 ng/ul

RT: 10.57 min Scan# 2353

Delta R.T. 0.00 min

Lab File: BN011756.D

Acq: 09 Sep 2020 03:21

Instrument :

BNA_N

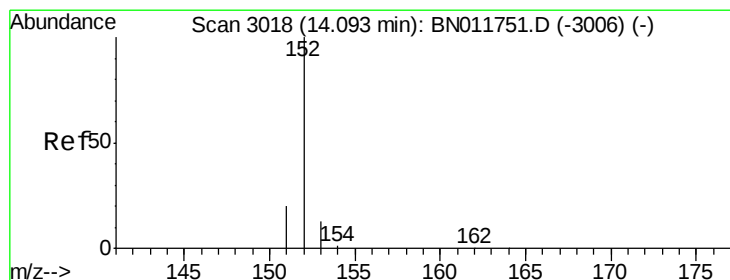
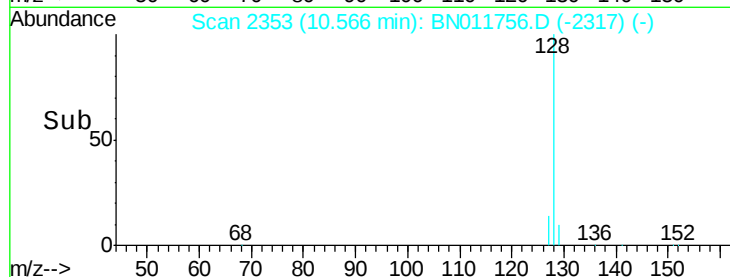
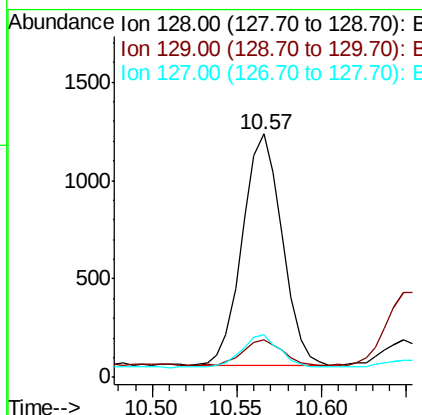
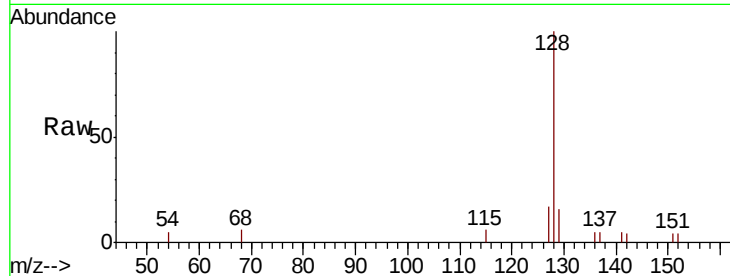
ClientSampled :

C0AC6

Tot Ion:	128	Resp:	1916
Ion Ratio	Lower	Upper	
128	100		
129	15.6	9.8	14.6#
127	17.5	11.0	16.6#

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#7

Acenaphthylene

Concen: 0.167 ng/ul

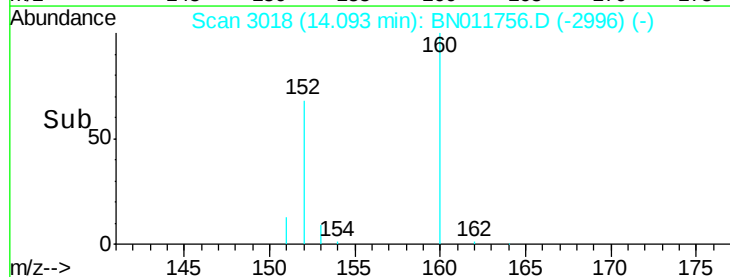
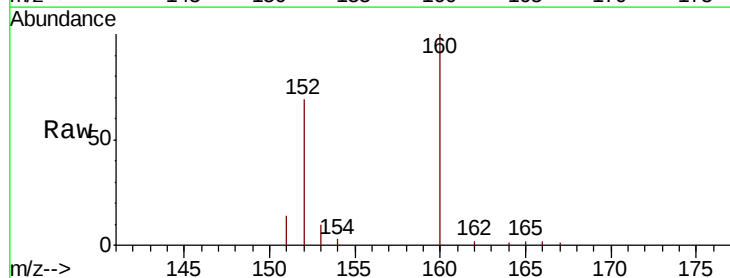
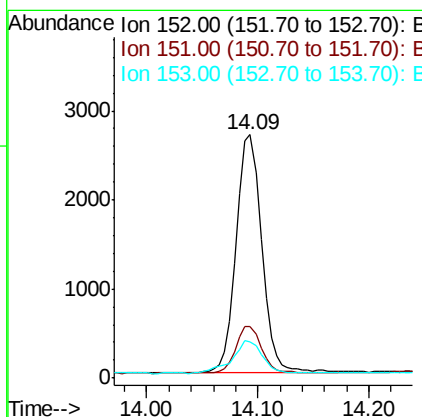
RT: 14.09 min Scan# 3018

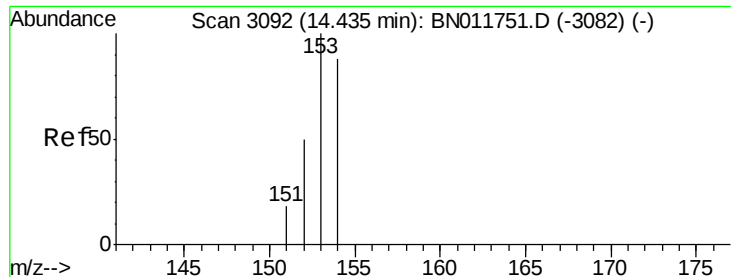
Delta R.T. 0.00 min

Lab File: BN011756.D

Acq: 09 Sep 2020 03:21

Tgt Ion:	152	Resp:	4191
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.2	24.4
153	15.1	11.4	17.0





#8

Acenaphthene

Concen: 0.164 ng/ul

RT: 14.44 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BN011756.D

Acq: 09 Sep 2020 03:21

Instrument :

BNA_N

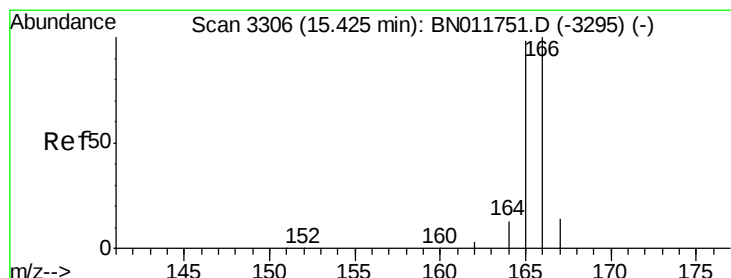
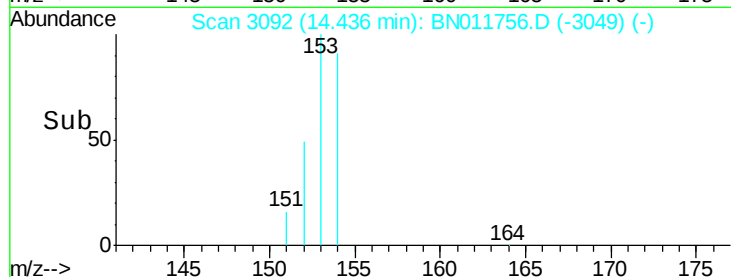
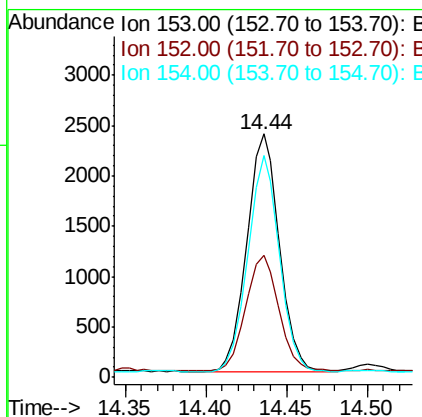
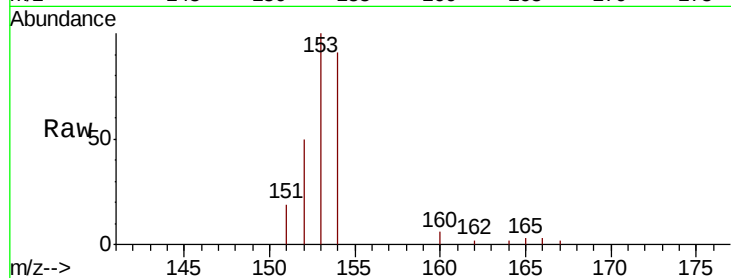
ClientSampled :

C0AC6

Tot Ion:	153	Resp:	3313
Ion Ratio	Lower	Upper	
153	100		
152	50.4	40.3	60.5
154	91.4	70.1	105.1

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#9

Fluorene

Concen: 0.059 ng/ul

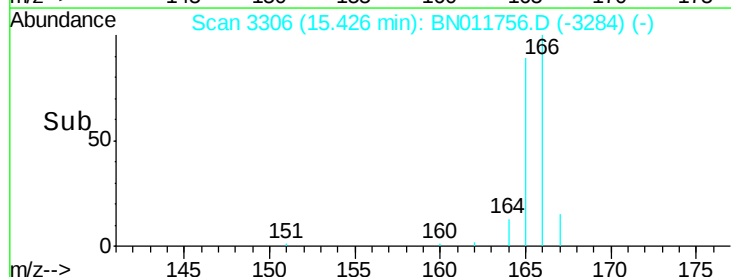
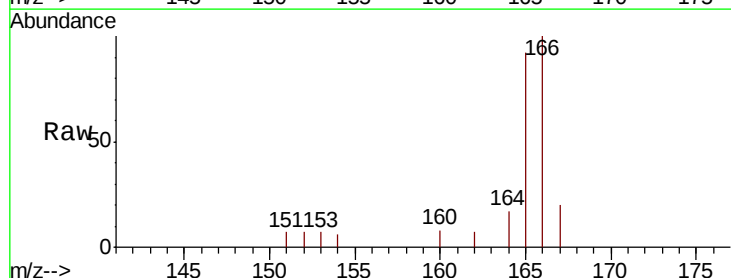
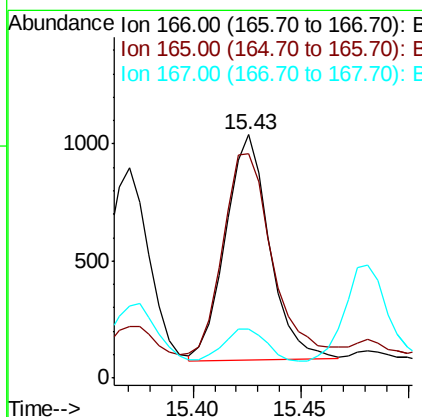
RT: 15.43 min Scan# 3306

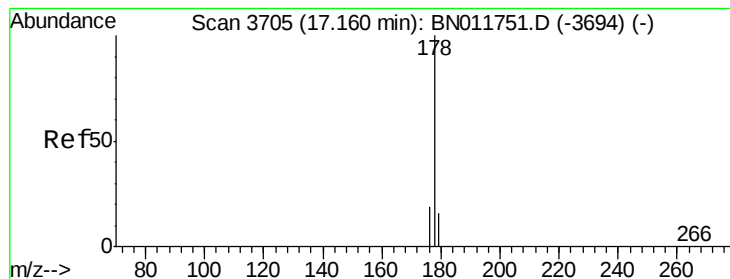
Delta R.T. 0.00 min

Lab File: BN011756.D

Acq: 09 Sep 2020 03:21

Tgt Ion:	166	Resp:	1367
Ion Ratio	Lower	Upper	
166	100		
165	91.9	80.2	120.2
167	20.4	11.8	17.6





#12

Phenanthrene

Concen: 0.178 ng/ul

RT: 17.16 min Scan# 3705

Delta R.T. 0.00 min

Lab File: BN011756.D

Acq: 09 Sep 2020 03:21

Instrument :

BNA_N

ClientSampleId :

C0AC6

Tot Ion:178 Resp: 6714

Ion Ratio Lower Upper

178 100

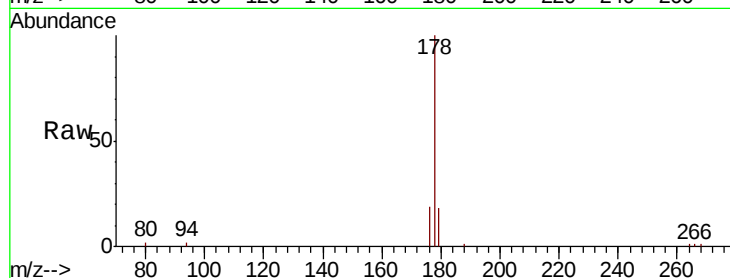
179 17.7 12.6 19.0

176 19.5 16.0 24.0

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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

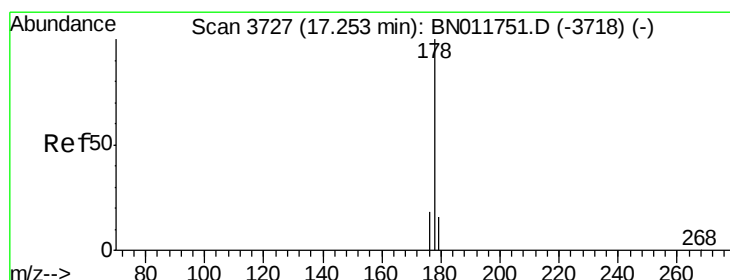
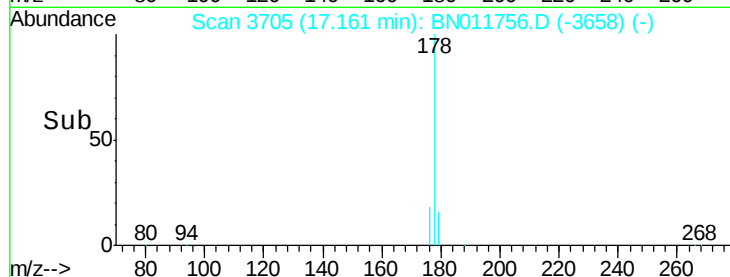
17.16

4000

2000

0

Time-->



#13

Anthracene

Concen: 0.186 ng/ul

RT: 17.25 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BN011756.D

Acq: 09 Sep 2020 03:21

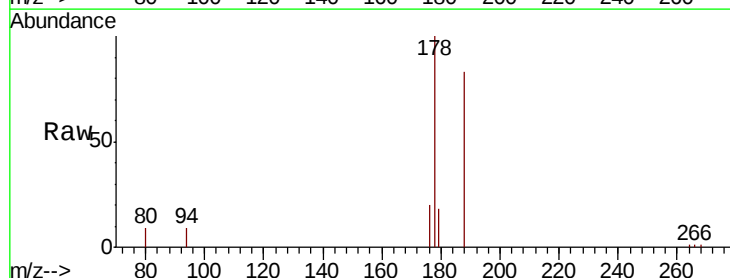
Tgt Ion:178 Resp: 6246

Ion Ratio Lower Upper

178 100

179 17.9 12.7 19.1

176 20.4 14.8 22.2



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

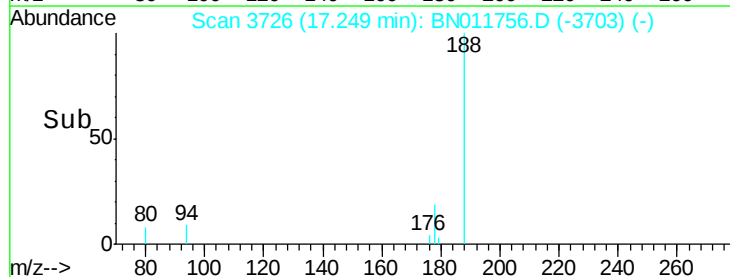
17.25

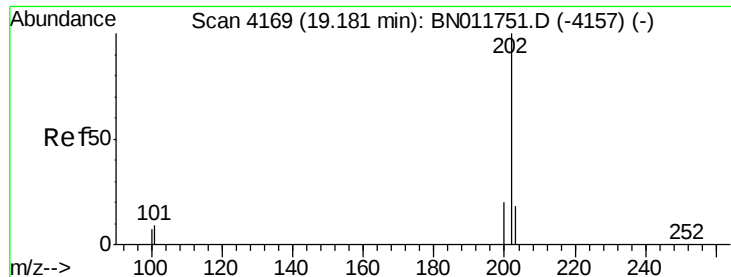
4000

2000

0

Time-->





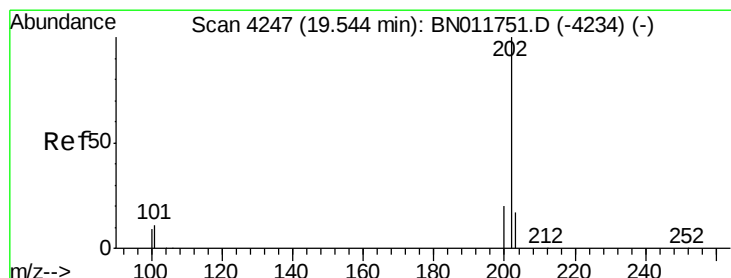
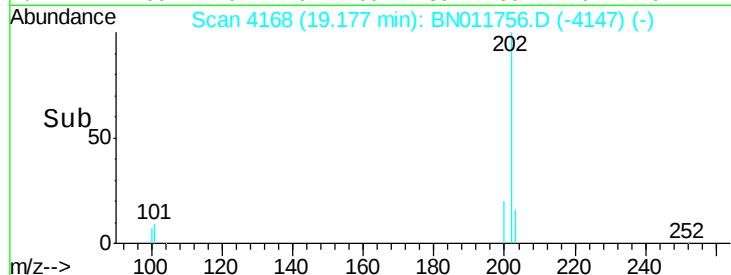
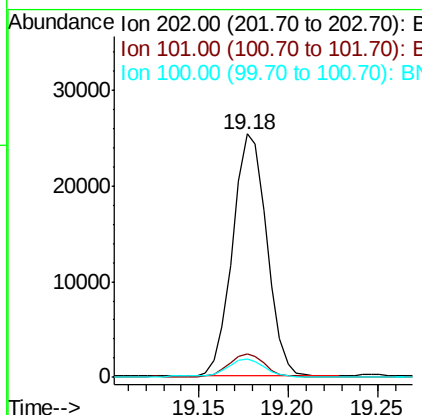
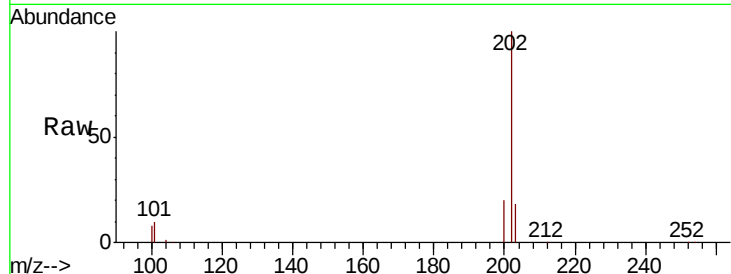
#15
Fluoranthene
 Concen: 0.805 ng/ul
 RT: 19.18 min Scan# 4168
 Delta R.T. -0.00 min
 Lab File: BN011756.D
 Acq: 09 Sep 2020 03:21

Instrument :
 BNA_N
 ClientSampleId :
 C0AC6

Tot Ion:	202	Resp:	33829
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	29.1
100	7.6	0.0	27.4

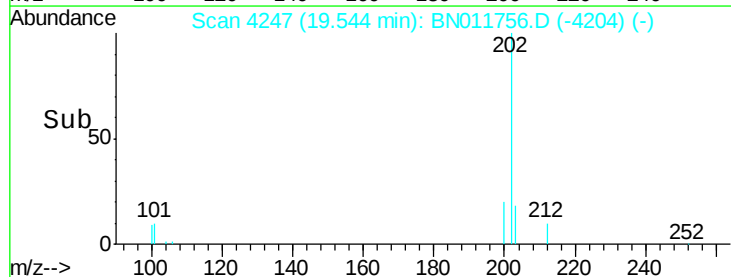
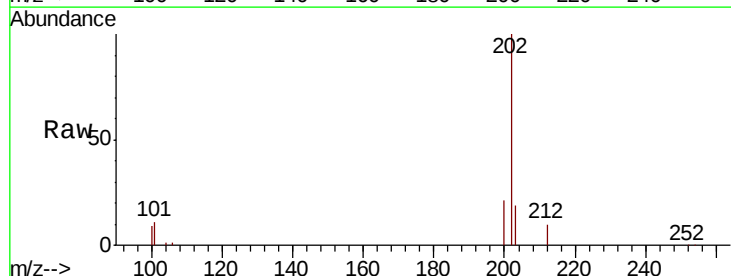
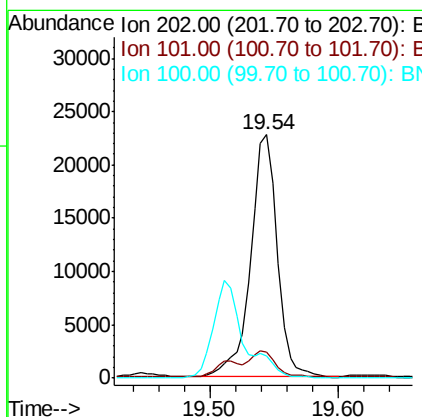
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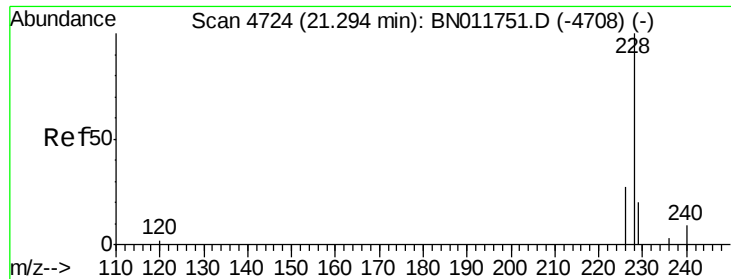
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#17
Pyrene
 Concen: 0.750 ng/ul
 RT: 19.54 min Scan# 4247
 Delta R.T. 0.00 min
 Lab File: BN011756.D
 Acq: 09 Sep 2020 03:21

Tgt Ion:	202	Resp:	32827
Ion Ratio	Lower	Upper	
202	100		
101	10.6	8.0	12.0
100	8.9	6.5	9.7





#18

Benzo(a)anthracene

Concen: 0.497 ng/ul

RT: 21.29 min Scan# 4723

Delta R.T. -0.00 min

Lab File: BN011756.D

Acq: 09 Sep 2020 03:21

Instrument :

BNA_N

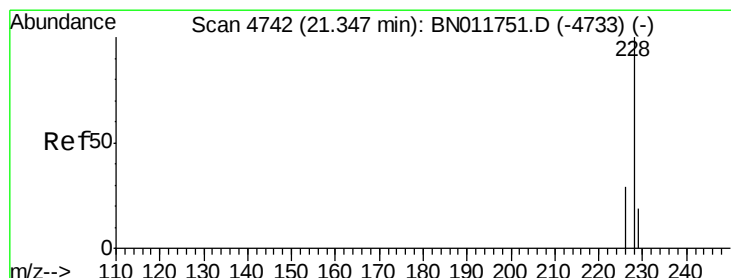
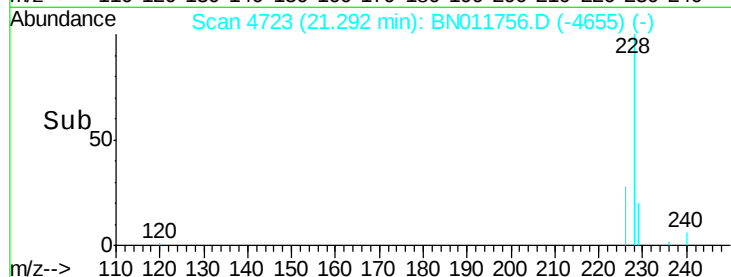
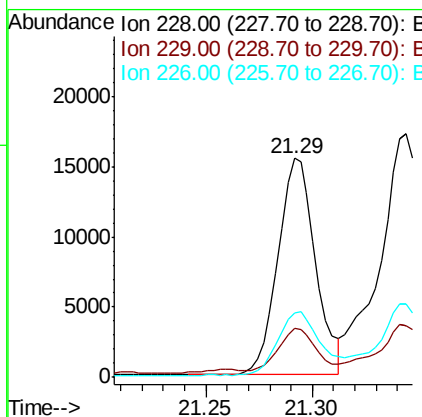
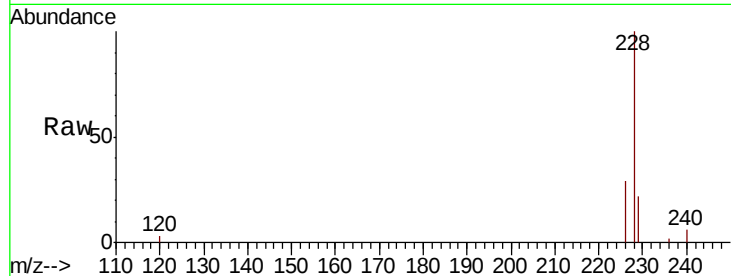
ClientSampleId :

C0AC6

Tot Ion:228	Resp:	19035
Ion Ratio	Lower	Upper
228 100		
229 22.3	15.9	23.9
226 29.3	21.9	32.9

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#19

Chrysene

Concen: 0.589 ng/ul

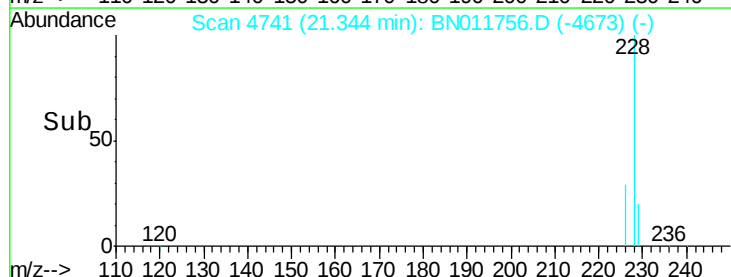
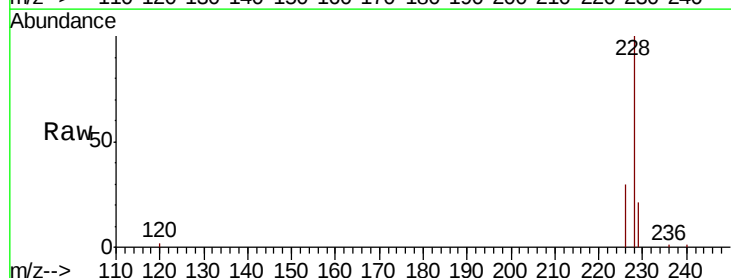
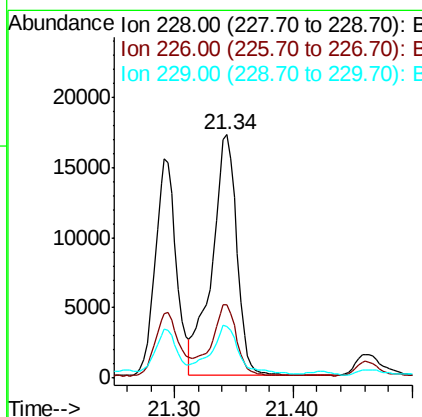
RT: 21.34 min Scan# 4741

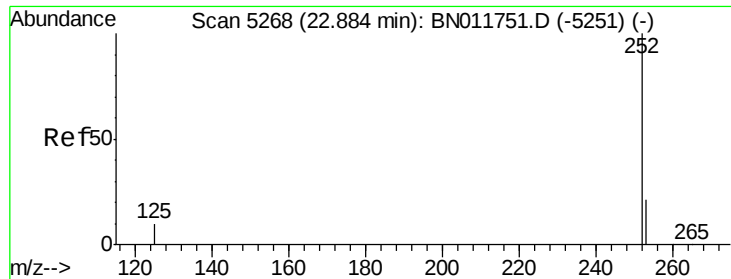
Delta R.T. -0.00 min

Lab File: BN011756.D

Acq: 09 Sep 2020 03:21

Tgt Ion:228	Resp:	25192
Ion Ratio	Lower	Upper
228 100		
226 29.9	24.6	37.0
229 21.5	15.9	23.9





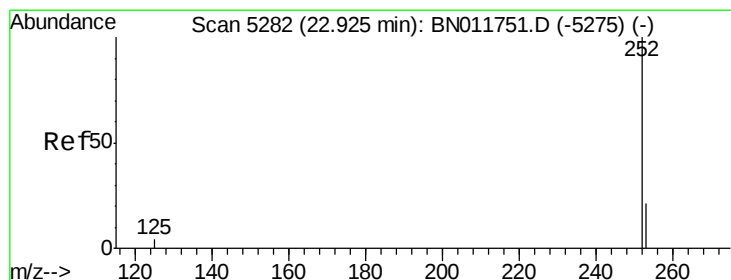
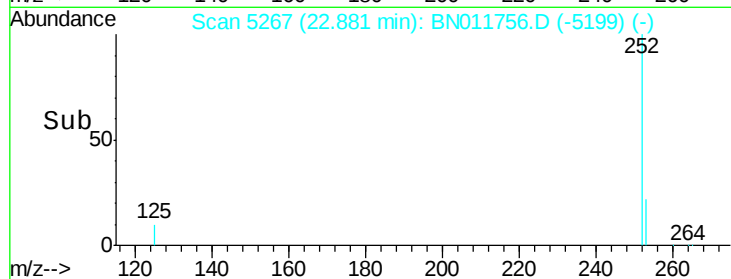
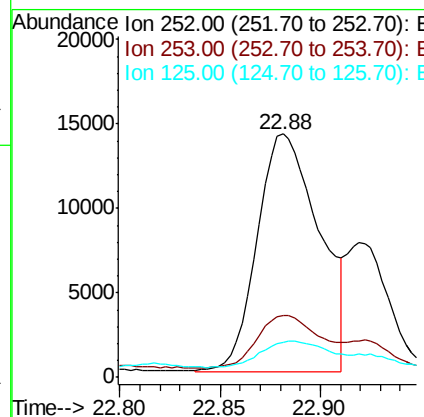
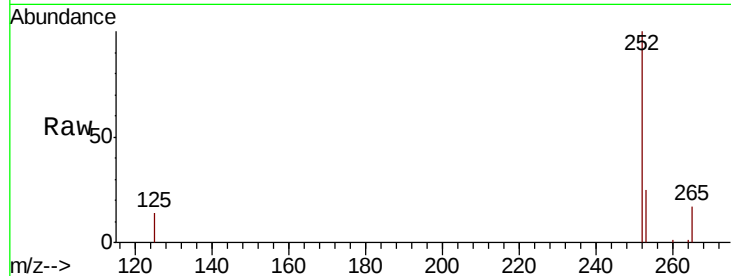
#21
Benzo(b)fluoranthene
Concen: 0.655 ng/ul m
RT: 22.88 min Scan# 5267
Delta R.T. -0.00 min
Lab File: BN011756.D
Acq: 09 Sep 2020 03:21

Instrument :
BNA_N
ClientSampleId :
C0AC6

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	25.3	0.0	50.6
125	14.2	0.0	23.6

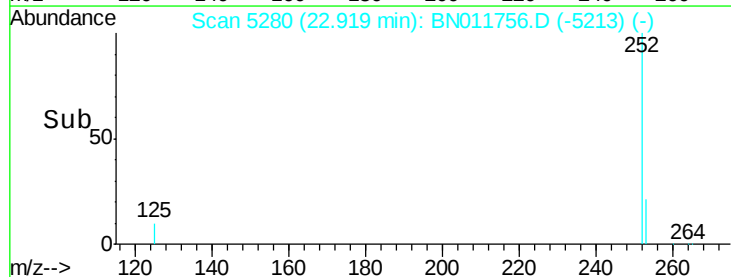
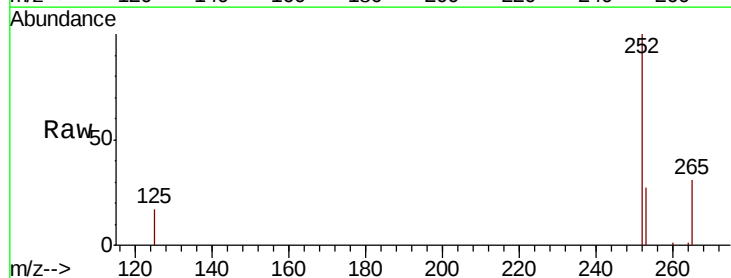
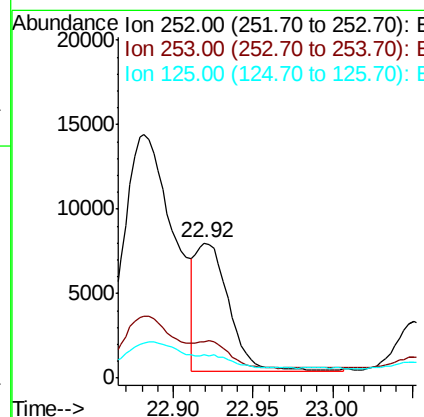
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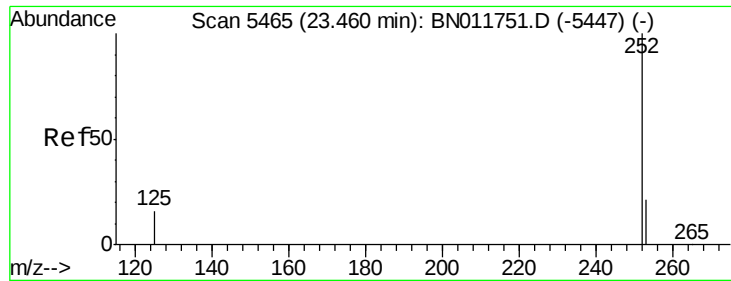
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#22
Benzo(k)fluoranthene
Concen: 0.235 ng/ul m
RT: 22.92 min Scan# 5280
Delta R.T. -0.01 min
Lab File: BN011756.D
Acq: 09 Sep 2020 03:21

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	27.2	20.7	31.1
125	16.9	9.7	14.5#





#23

Benzo(a)pyrene

Concen: 0.520 ng/ul

RT: 23.46 min Scan# 5464

Delta R.T. -0.00 min

Lab File: BN011756.D

Acq: 09 Sep 2020 03:21

Instrument :

BNA_N

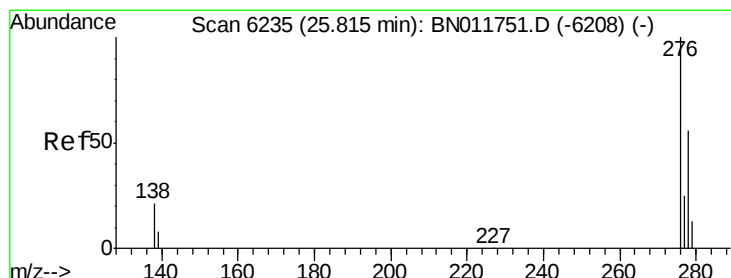
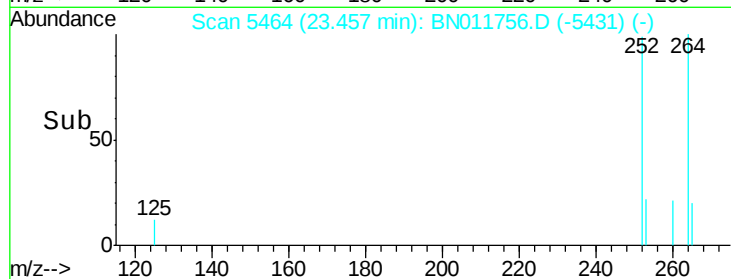
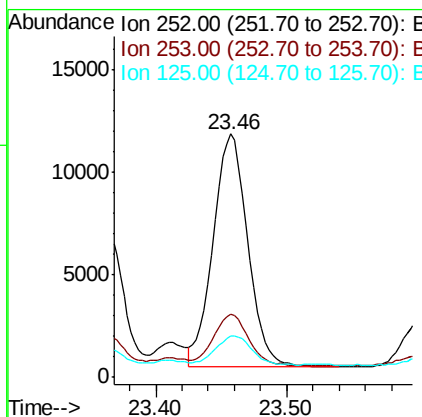
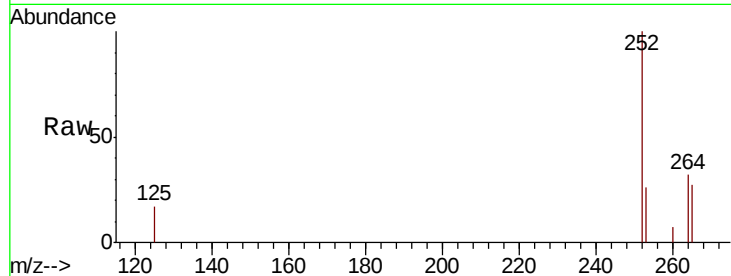
ClientSampleId :

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Tot Ion:	252	Resp:	20948
Ion Ratio	Lower	Upper	
252	100		
253	25.9	21.6	32.4
125	16.8	12.6	18.8

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.260 ng/ul

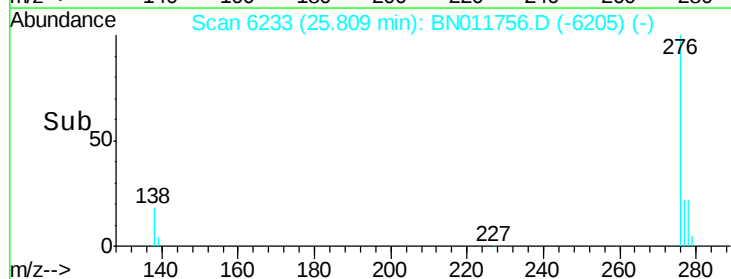
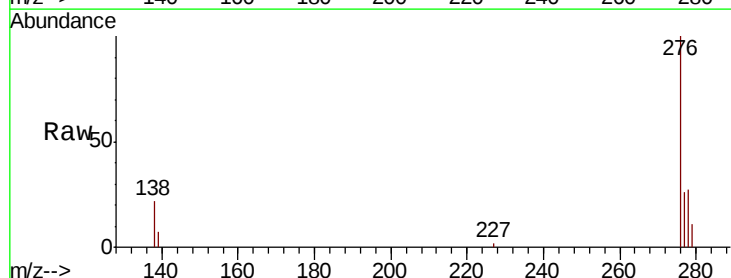
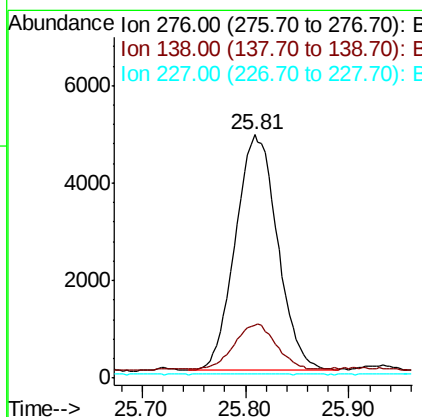
RT: 25.81 min Scan# 6233

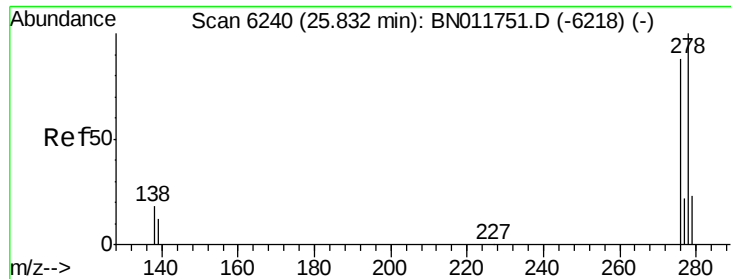
Delta R.T. -0.01 min

Lab File: BN011756.D

Acq: 09 Sep 2020 03:21

Tgt Ion:	276	Resp:	13735
Ion Ratio	Lower	Upper	
276	100		
138	18.9	0.0	0.0#
227	0.1	0.1	0.1





#25

Dibenzo(a,h)anthracene

Concen: 0.105 ng/ul

RT: 25.82 min Scan# 6236

Delta R.T. -0.01 min

Lab File: BN011756.D

Acq: 09 Sep 2020 03:21

Instrument :

BNA_N

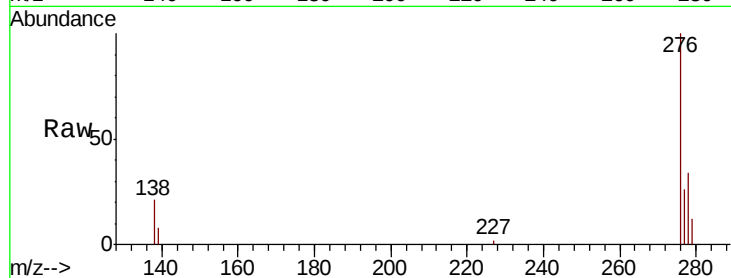
ClientSampleId :

C0AC6

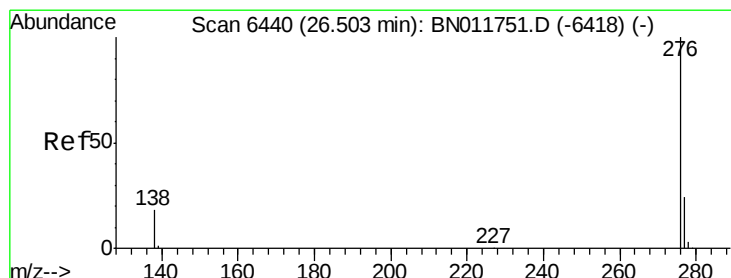
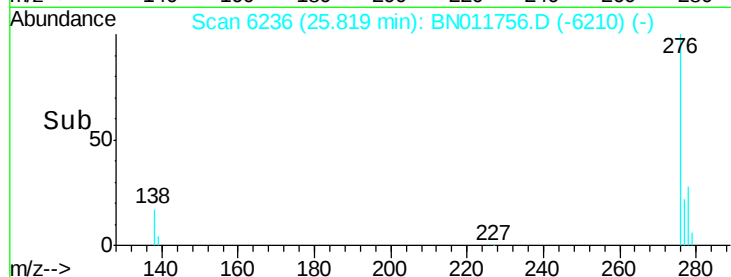
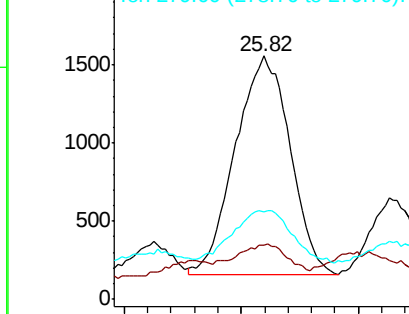
Tot Ion:278	Resp:	4543
Ion Ratio	Lower	Upper
278	100	
139	22.4	12.4 18.6#
279	35.7	21.8 32.6#

Manual Integrations
APPROVED

Sohil
9/9/2020 3:46:38 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.255 ng/ul

RT: 26.50 min Scan# 6440

Delta R.T. 0.00 min

Lab File: BN011756.D

Acq: 09 Sep 2020 03:21

Tgt Ion:276	Resp:	11774
Ion Ratio	Lower	Upper
276	100	
138	22.3	14.7 22.1#
277	26.0	19.5 29.3

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

