

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
 Data File : BN011745.D
 Acq On : 08 Sep 2020 20:06
 Operator : CG/JU
 Sample : L3840-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA8

Manual Integrations
 APPROVED

Sohil
 9/9/2020 3:46:50 PM

Quant Time: Sep 09 06:49:49 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 06:29:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1947	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	7657	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	4676	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	9761m	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	8528	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	8771	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	5305	0.44	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	11014	0.43	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	2901	0.128	ng/ul	98
5) 2-Methylnaphthalene	12.18	142	495	0.033	ng/ul	95
7) Acenaphthylene	14.09	152	3415	0.151	ng/ul	95
8) Acenaphthene	14.44	153	394	0.022	ng/ul	93
9) Fluorene	15.43	166	707	0.034	ng/ul#	97
12) Phenanthrene	17.16	178	3276m	0.100	ng/ul	
13) Anthracene	17.25	178	4908m	0.168	ng/ul	
15) Fluoranthene	19.18	202	6036	0.165	ng/ul	98
17) Pyrene	19.55	202	25451	0.672	ng/ul	99
18) Benzo(a)anthracene	21.30	228	9774	0.295	ng/ul	95
19) Chrysene	21.35	228	24986	0.675	ng/ul	99
21) Benzo(b)fluoranthene	22.89	252	33427m	0.813	ng/ul	
22) Benzo(k)fluoranthene	22.93	252	13748m	0.326	ng/ul	
23) Benzo(a)pyrene	23.47	252	22384	0.631	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.82	276	16005	0.343	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.83	278	4708	0.124	ng/ul#	84
26) Benzo(a,h,i)perylene	26.51	276	15317	0.376	ng/ul	97

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

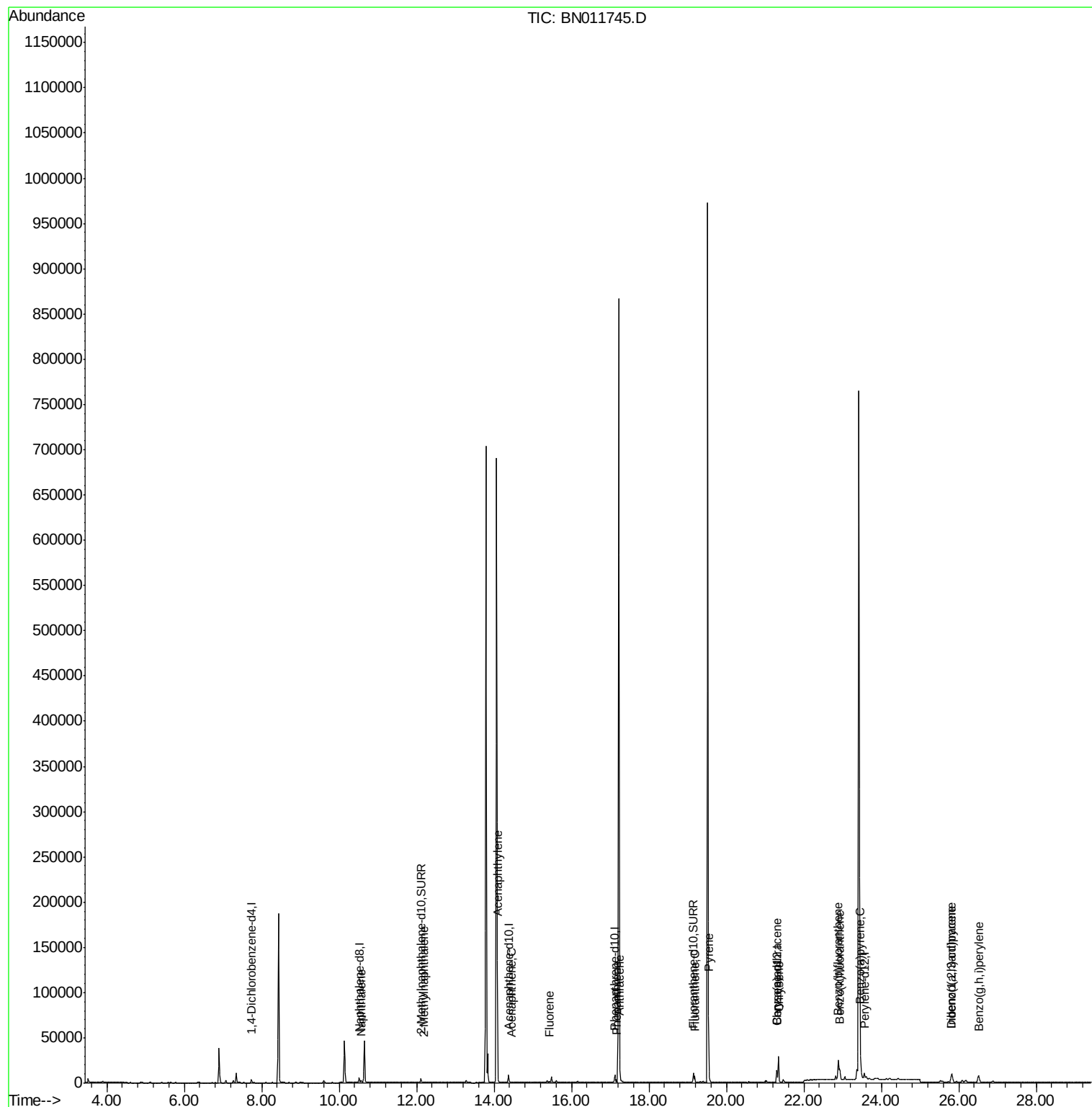
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011745.D
Acq On : 08 Sep 2020 20:06
Operator : CG/JU
Sample : L3840-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

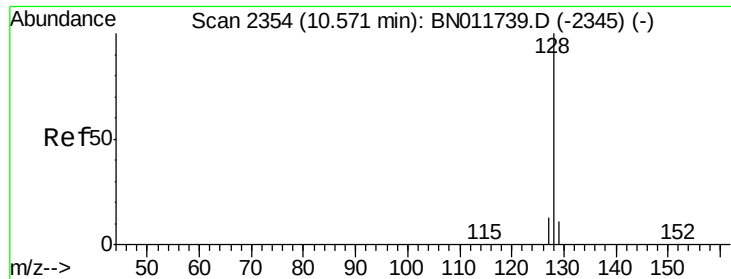
Instrument :
BNA_N
ClientSampleId :
C0AA8

Manual Integrations
APPROVED

Sohil
9/9/2020 3:46:50 PM

Quant Time: Sep 09 06:49:49 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 06:29:50 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.128 ng/ul

RT: 10.57 min Scan# 2353

Delta R.T. -0.01 min

Lab File: BN011745.D

Acq: 08 Sep 2020 20:06

Instrument :

BNA_N

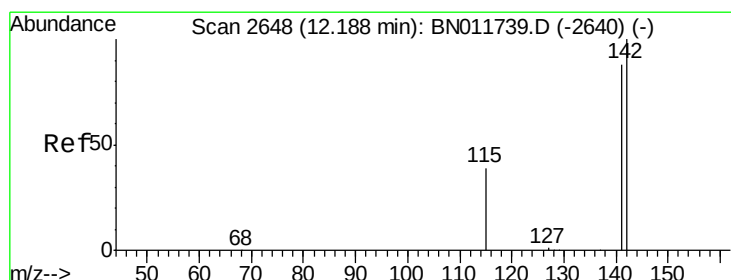
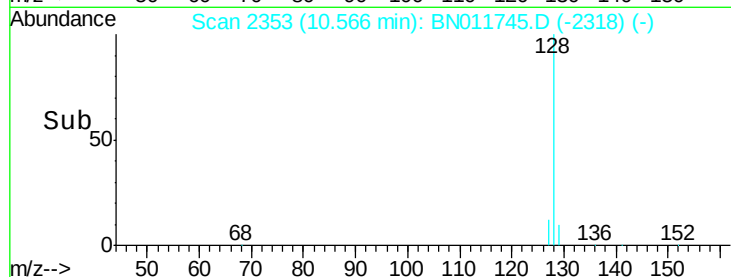
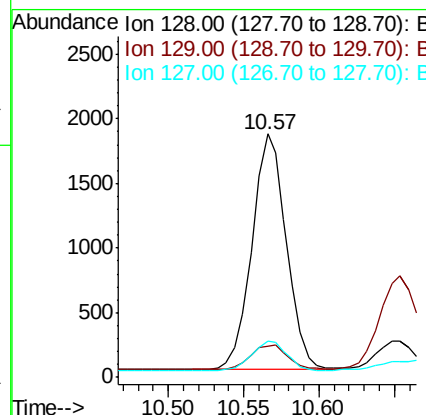
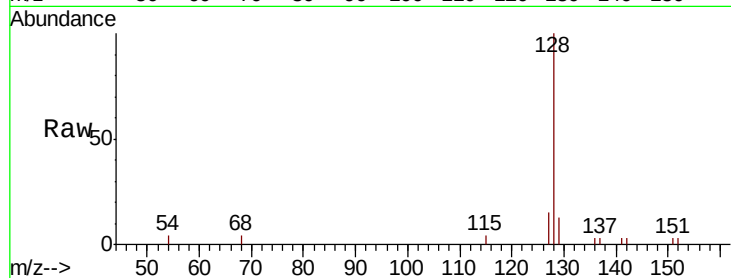
ClientSampled :

C0AA8

Tot Ion:128	Resp:	2901
Ion Ratio	Lower	Upper
128	100	
129	13.0	9.8 14.6
127	14.9	11.0 16.6

Manual Integrations
APPROVED

Sohil
9/9/2020 3:46:50 PM



#5

2-Methylnaphthalene

Concen: 0.033 ng/ul

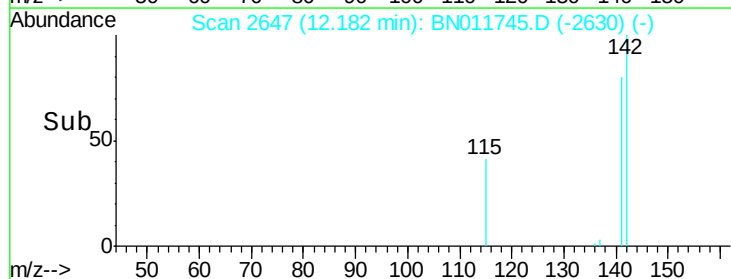
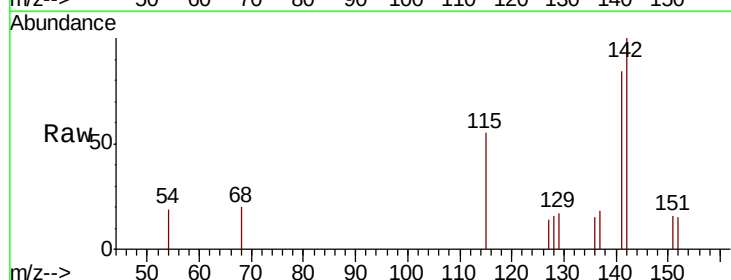
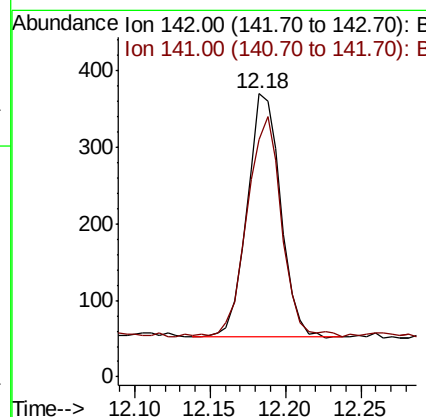
RT: 12.18 min Scan# 2647

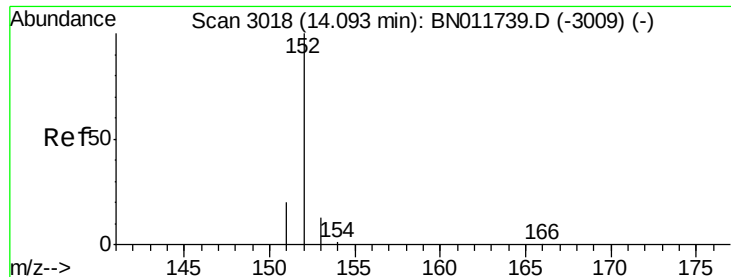
Delta R.T. -0.01 min

Lab File: BN011745.D

Acq: 08 Sep 2020 20:06

Tgt Ion:142	Resp:	495
Ion Ratio	Lower	Upper
142	100	
141	93.9	71.0 106.6





#7

Acenaphthylene

Concen: 0.151 ng/ul

RT: 14.09 min Scan# 3018

Delta R.T. -0.00 min

Lab File: BN011745.D

Acq: 08 Sep 2020 20:06

Instrument :

BNA_N

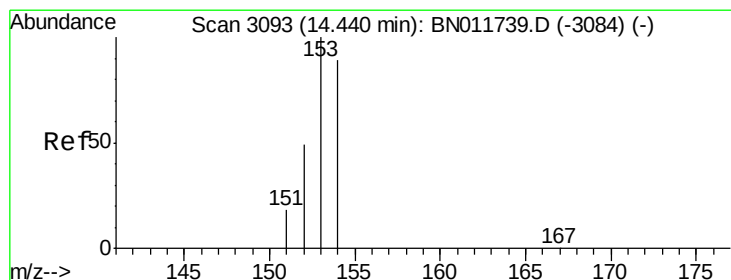
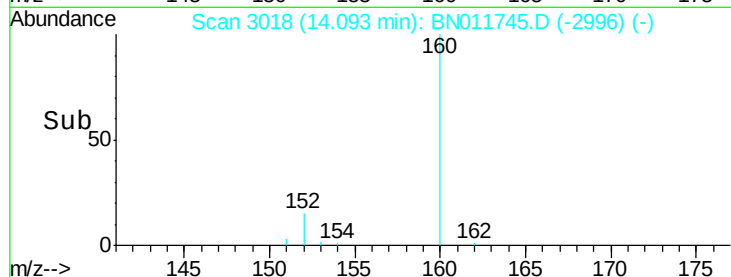
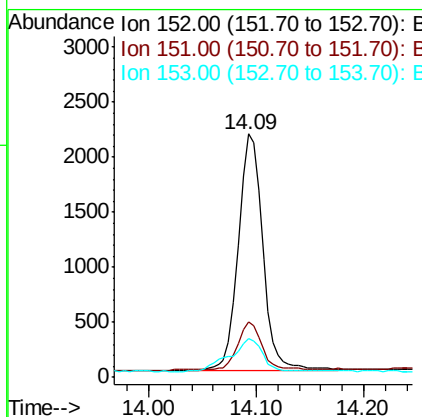
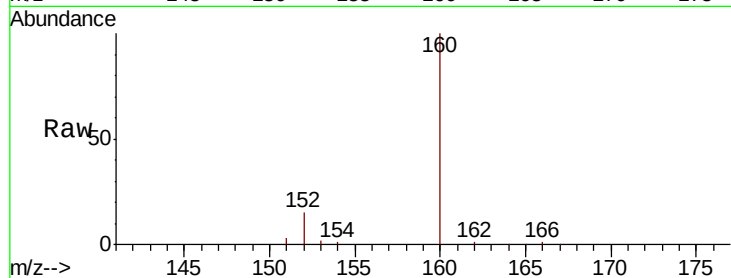
ClientSampleId :

C0AA8

Tot Ion:	152	Resp:	3415
Ion Ratio	Lower	Upper	
152	100		
151	22.8	16.2	24.4
153	15.9	11.4	17.0

Manual Integrations
APPROVED

Sohil
9/9/2020 3:46:50 PM



#8

Acenaphthene

Concen: 0.022 ng/ul

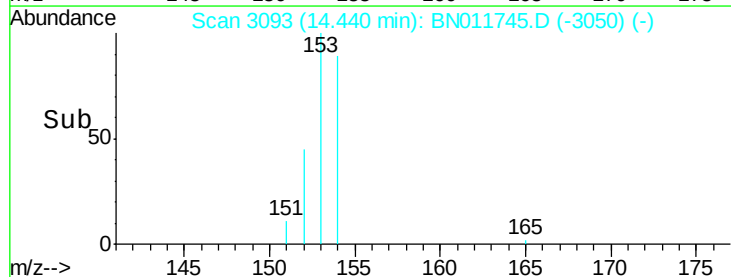
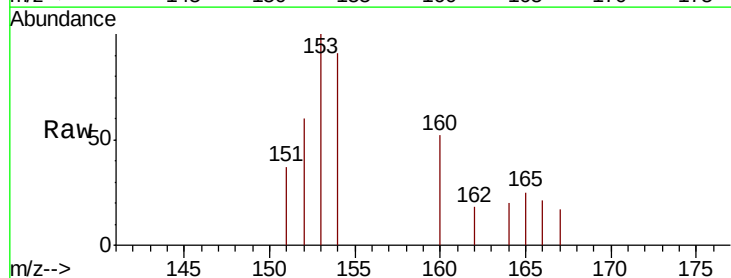
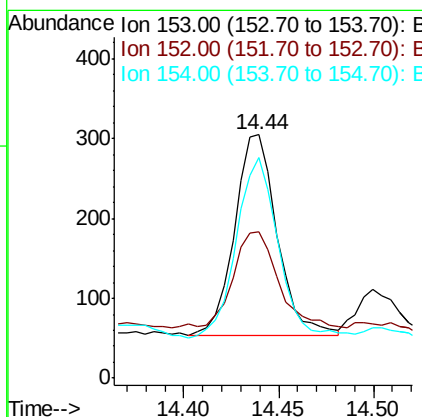
RT: 14.44 min Scan# 3093

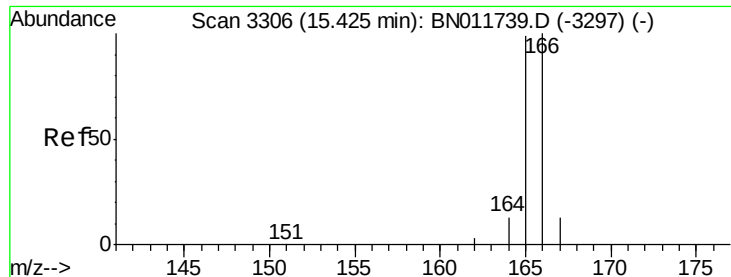
Delta R.T. -0.00 min

Lab File: BN011745.D

Acq: 08 Sep 2020 20:06

Tgt Ion:	153	Resp:	394
Ion Ratio	Lower	Upper	
153	100		
152	60.3	40.3	60.5
154	90.8	70.1	105.1





#9

Fluorene

Concen: 0.034 ng/ul

RT: 15.43 min Scan# 3306

Delta R.T. -0.00 min

Lab File: BN011745.D

Acq: 08 Sep 2020 20:06

Instrument :

BNA_N

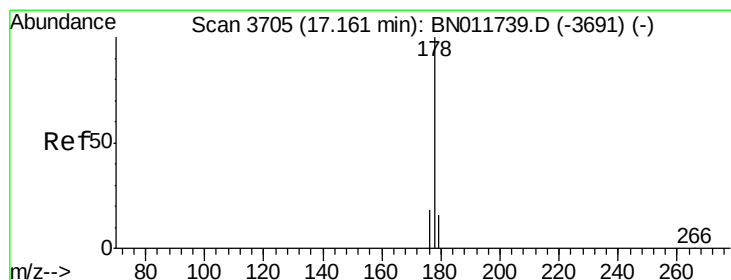
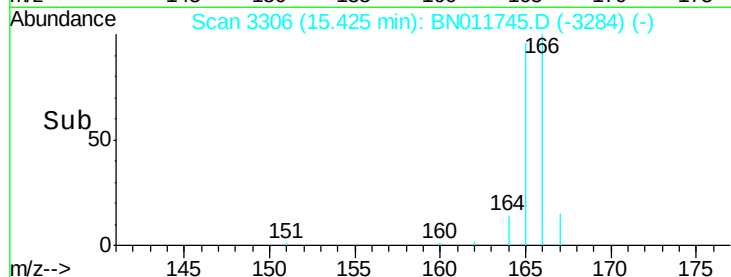
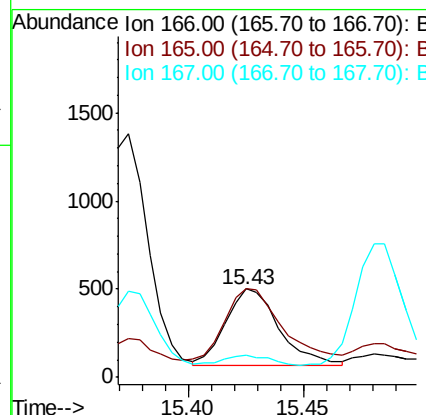
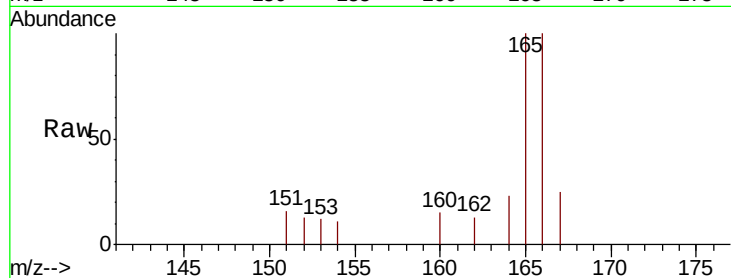
ClientSampled :

C0AA8

Tot Ion:	166	Resp:	707
Ion Ratio	Lower	Upper	
166	100		
165	99.8	80.2	120.2
167	24.7	11.8	17.6#

Manual Integrations
APPROVED

Sohil
9/9/2020 3:46:50 PM



#12

Phenanthrene

Concen: 0.100 ng/ul m

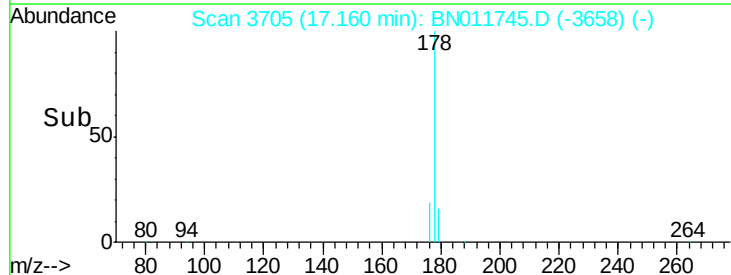
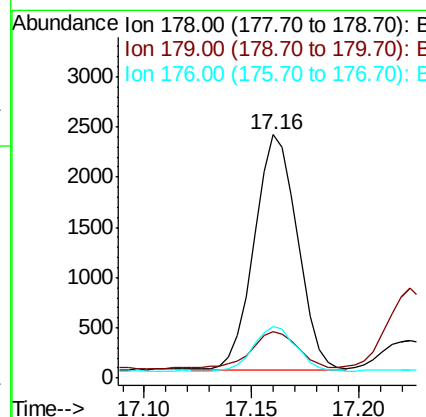
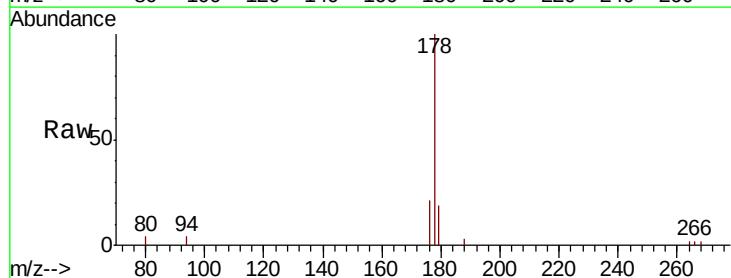
RT: 17.16 min Scan# 3705

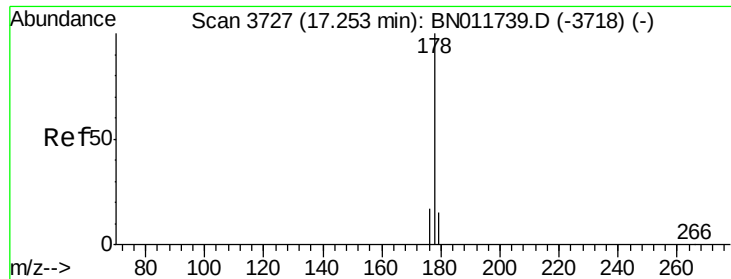
Delta R.T. -0.00 min

Lab File: BN011745.D

Acq: 08 Sep 2020 20:06

Tgt Ion:	178	Resp:	3276
Ion Ratio	Lower	Upper	
178	100		
179	19.2	12.6	19.0#
176	21.3	16.0	24.0





#13

Anthracene

Concen: 0.168 ng/ul m

RT: 17.25 min Scan# 3727

Delta R.T. -0.00 min

Lab File: BN011745.D

Acq: 08 Sep 2020 20:06

Instrument :

BNA_N

ClientSampleId :

C0AA8

Tot Ion:178 Resp: 4908

Ion Ratio Lower Upper

178 100

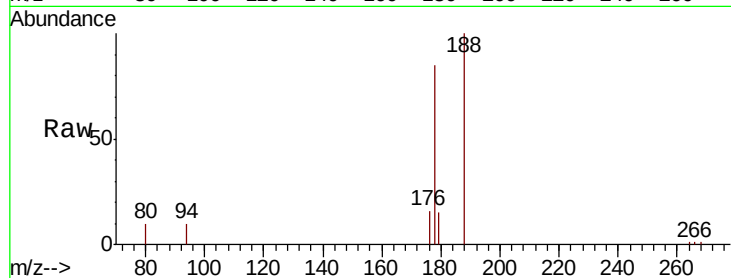
179 17.9 12.7 19.1

176 19.2 14.8 22.2

Manual Integrations
APPROVED

Sohil

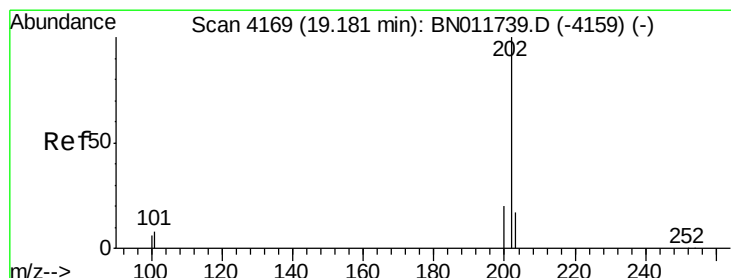
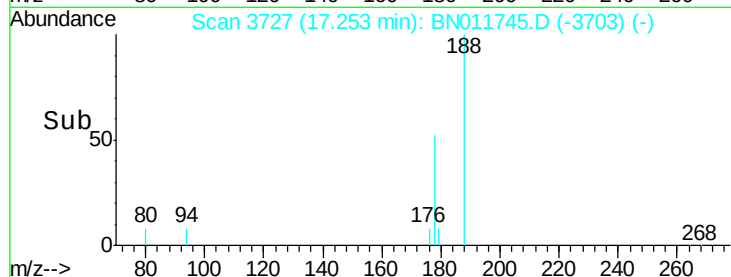
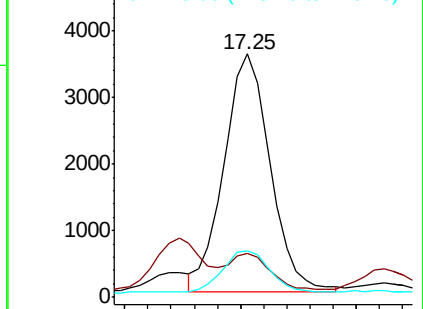
9/9/2020 3:46:50 PM



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: 0.165 ng/ul

RT: 19.18 min Scan# 4169

Delta R.T. -0.00 min

Lab File: BN011745.D

Acq: 08 Sep 2020 20:06

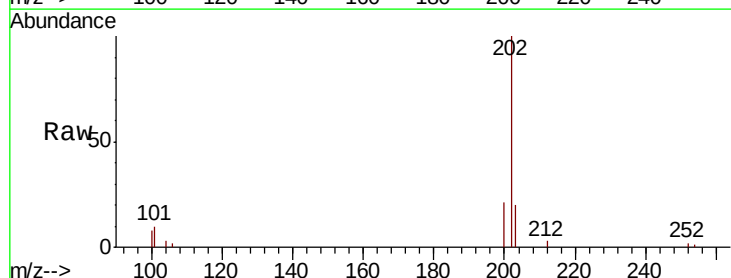
Tgt Ion:202 Resp: 6036

Ion Ratio Lower Upper

202 100

101 10.3 0.0 29.1

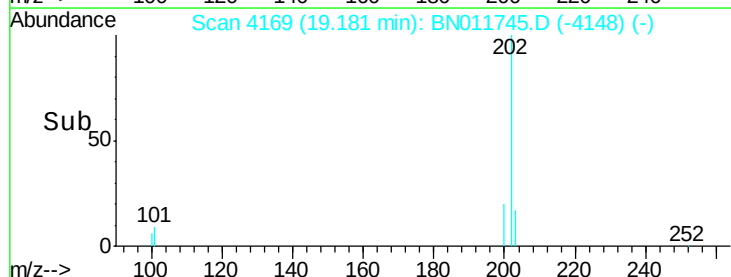
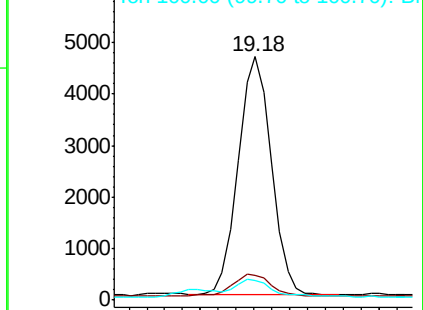
100 7.9 0.0 27.4

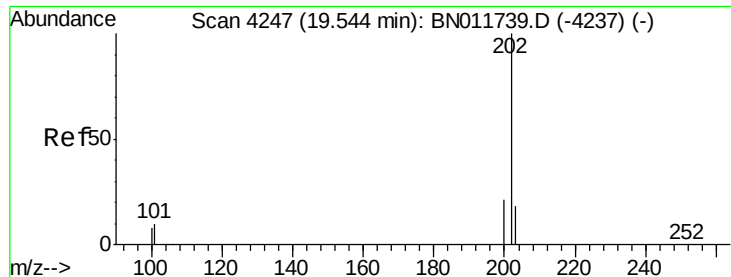


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 0.672 ng/ul

RT: 19.55 min Scan# 4248

Delta R.T. -0.00 min

Lab File: BN011745.D

Acq: 08 Sep 2020 20:06

Instrument :

BNA_N

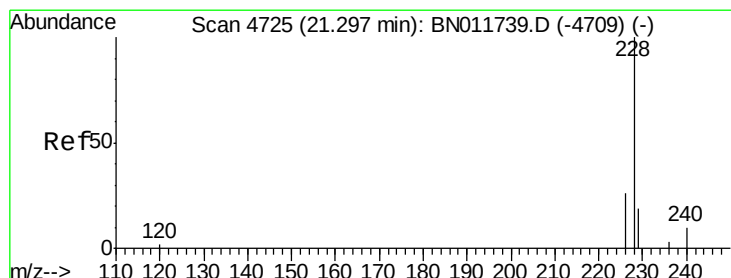
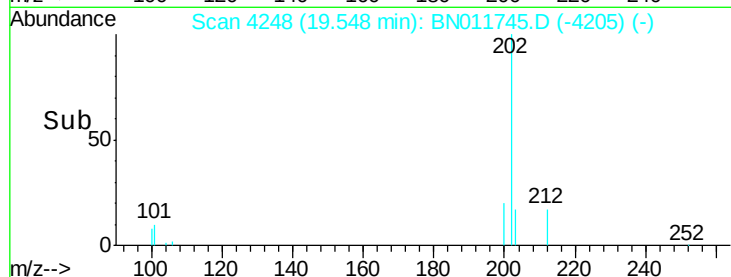
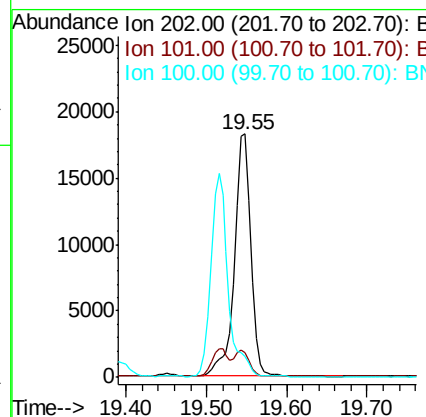
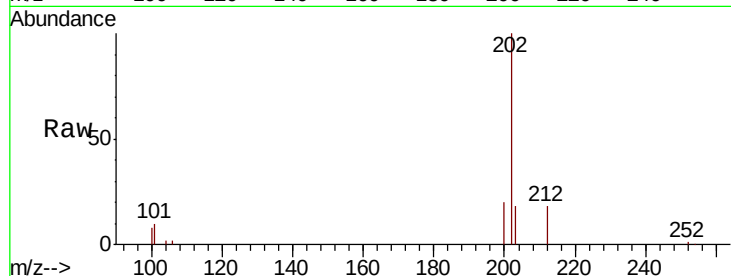
ClientSampled :

C0AA8

Tot Ion:	202	Resp:	25451
Ion Ratio	Lower	Upper	
202	100		
101	10.4	8.0	12.0
100	8.4	6.5	9.7

Manual Integrations
APPROVED

Sohil
9/9/2020 3:46:50 PM



#18

Benzo(a)anthracene

Concen: 0.295 ng/ul

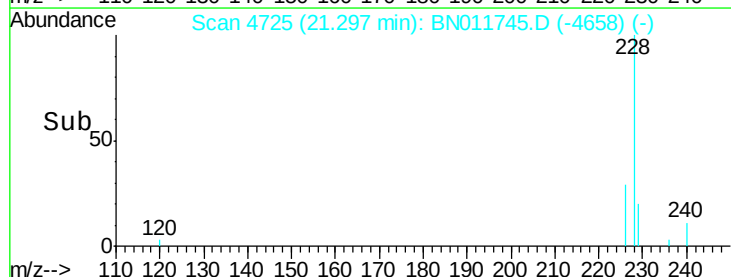
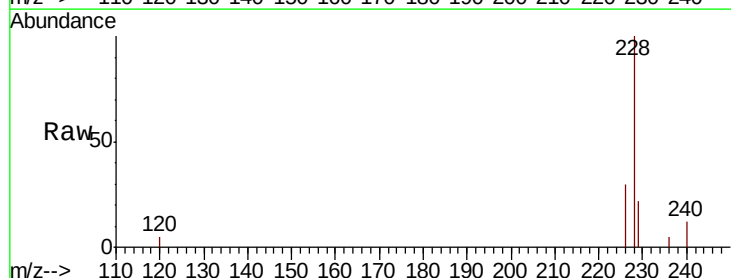
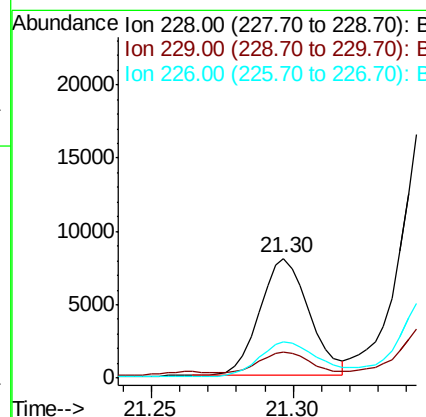
RT: 21.30 min Scan# 4725

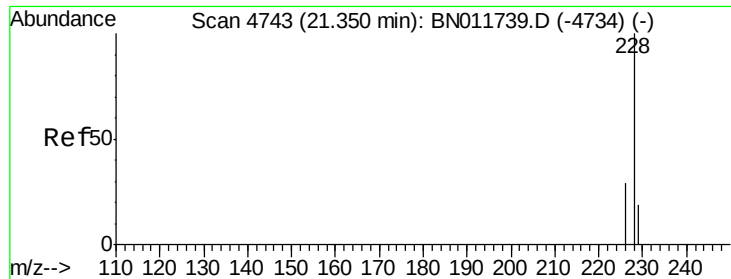
Delta R.T. -0.00 min

Lab File: BN011745.D

Acq: 08 Sep 2020 20:06

Tgt Ion:	228	Resp:	9774
Ion Ratio	Lower	Upper	
228	100		
229	22.1	15.9	23.9
226	30.1	21.9	32.9





#19

Chrysene

Concen: 0.675 ng/ul

RT: 21.35 min Scan# 4743

Delta R.T. -0.00 min

Lab File: BN011745.D

Acq: 08 Sep 2020 20:06

Instrument :

BNA_N

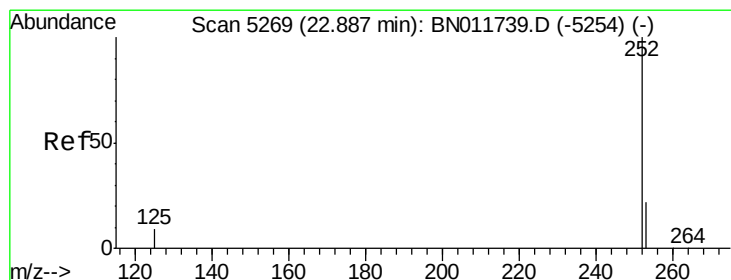
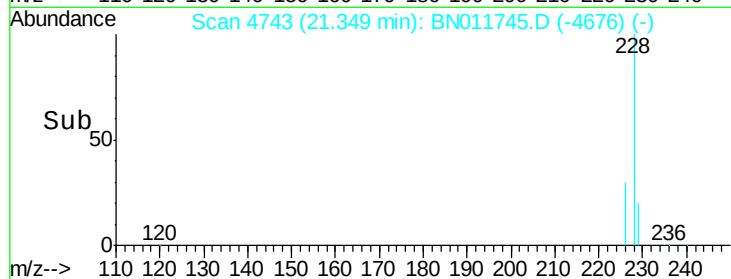
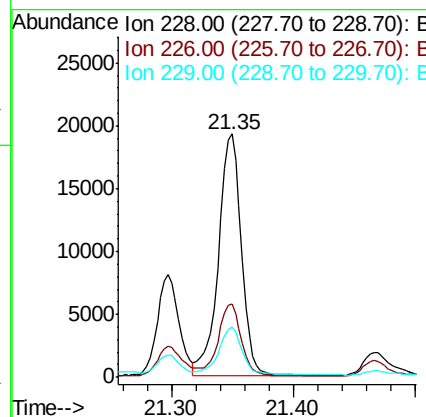
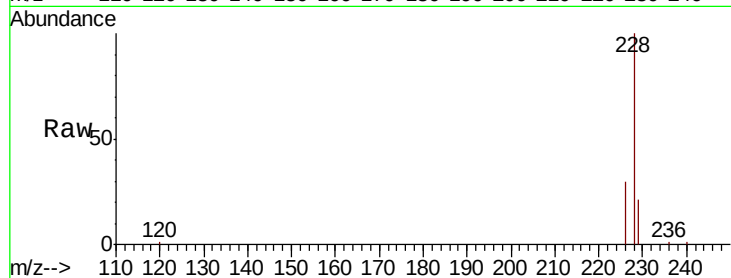
ClientSampleId :

C0AA8

Tot Ion:	228	Resp:	24986
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	37.0
229	20.5	15.9	23.9

Manual Integrations
APPROVED

Sohil
9/9/2020 3:46:50 PM



#21

Benzo(b)fluoranthene

Concen: 0.813 ng/ul m

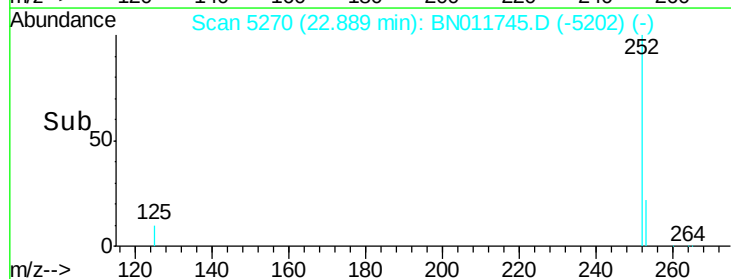
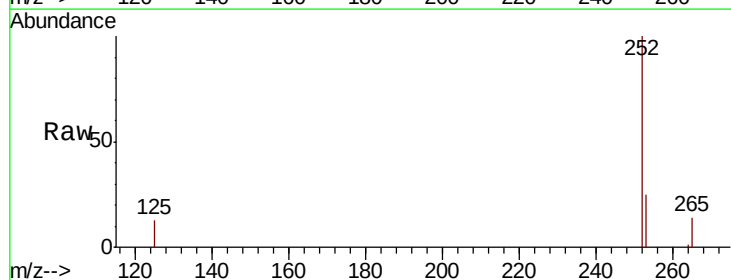
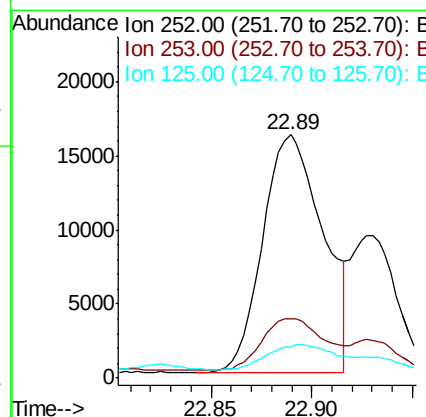
RT: 22.89 min Scan# 5270

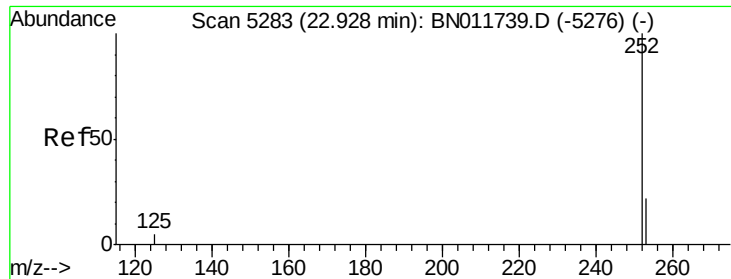
Delta R.T. -0.00 min

Lab File: BN011745.D

Acq: 08 Sep 2020 20:06

Tgt Ion:	252	Resp:	33427
Ion	Ratio	Lower	Upper
252	100		
253	24.5	0.0	50.6
125	13.0	0.0	23.6





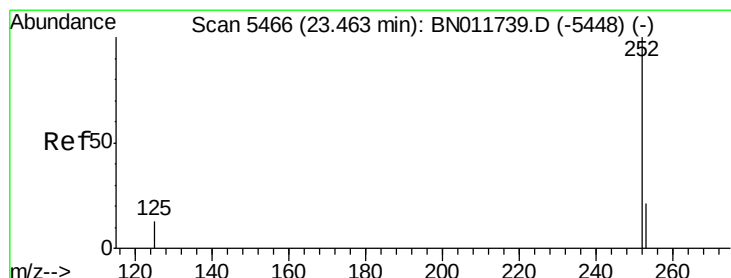
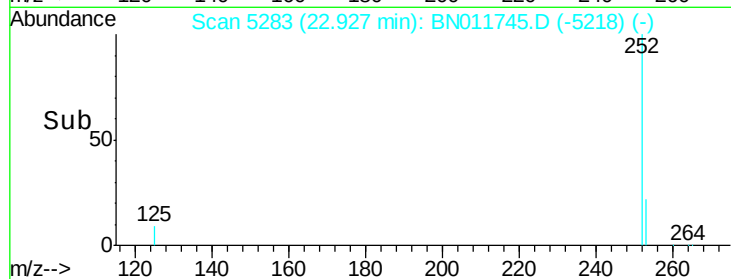
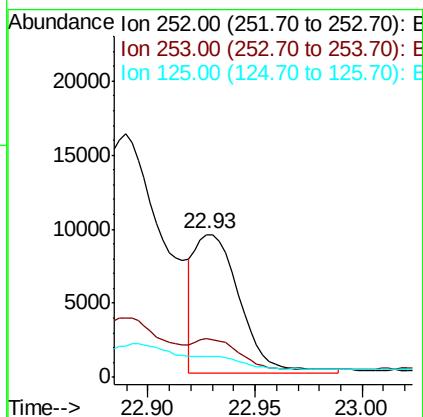
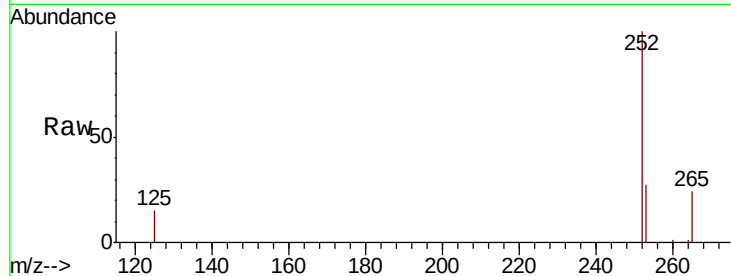
#22
Benzo(k)fluoranthene
Concen: 0.326 ng/ul m
RT: 22.93 min Scan# 5283
Delta R.T. -0.01 min
Lab File: BN011745.D
Acq: 08 Sep 2020 20:06

Instrument :
BNA_N
ClientSampled :
C0AA8

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.8	20.7	31.1
125	14.7	9.7	14.5

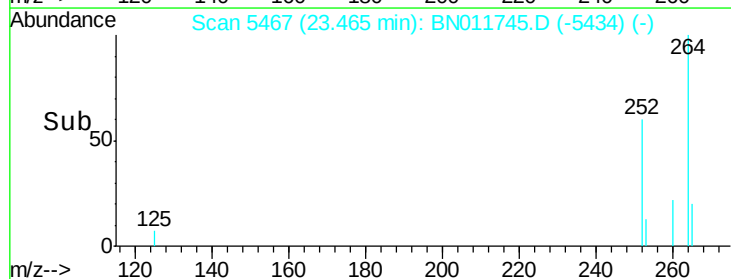
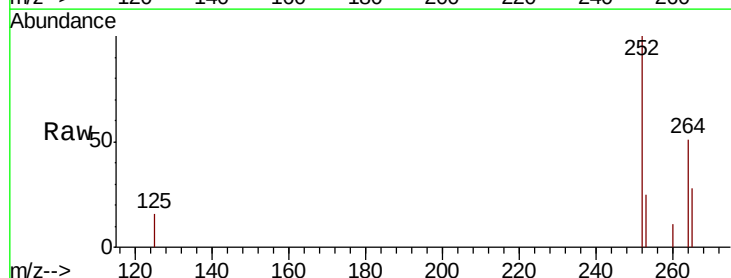
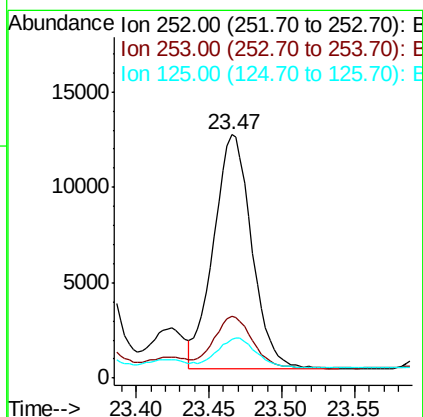
Manual Integrations
APPROVED

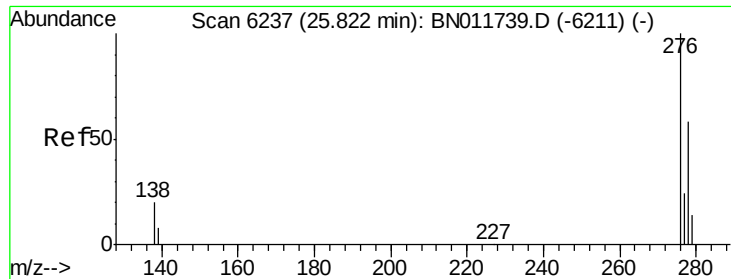
Sohil
9/9/2020 3:46:50 PM



#23
Benzo(a)pyrene
Concen: 0.631 ng/ul
RT: 23.47 min Scan# 5467
Delta R.T. -0.00 min
Lab File: BN011745.D
Acq: 08 Sep 2020 20:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	21.6	32.4
125	15.9	12.6	18.8





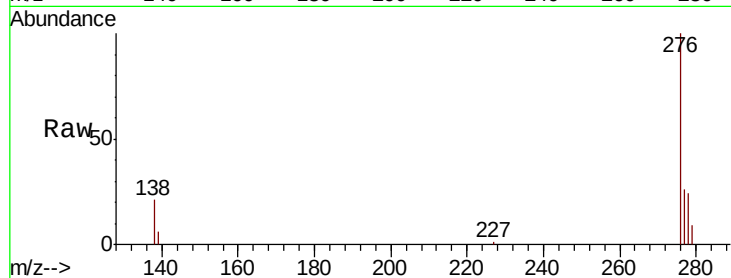
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.343 ng/ul
 RT: 25.82 min Scan# 6236
 Delta R.T. -0.01 min
 Lab File: BN011745.D
 Acq: 08 Sep 2020 20:06

Instrument :
 BNA_N
 ClientSampleId :
 C0AA8

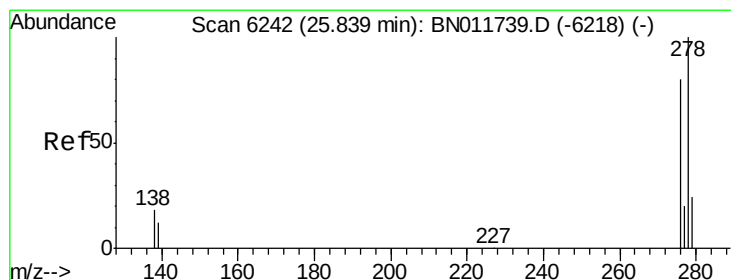
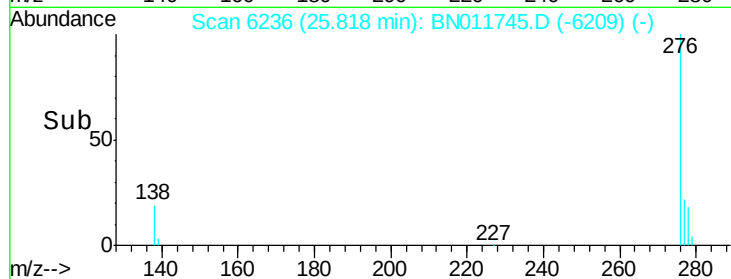
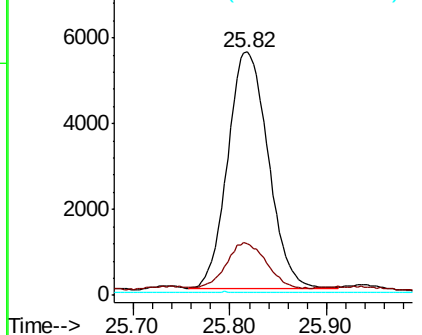
Tot Ion	Ratio	Lower	Upper
276	100		
138	18.9	0.0	0.0#
227	0.1	0.1	0.1

Manual Integrations
 APPROVED

Sohil
 9/9/2020 3:46:50 PM



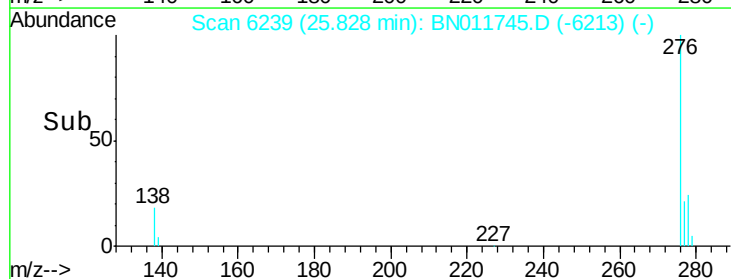
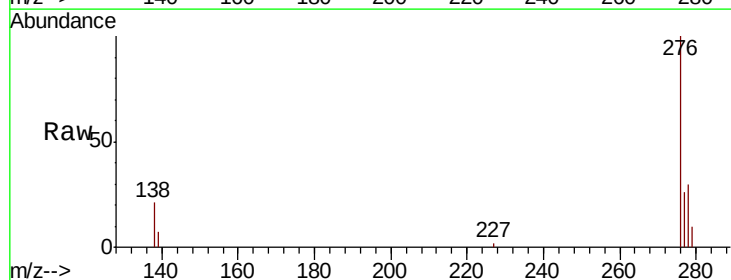
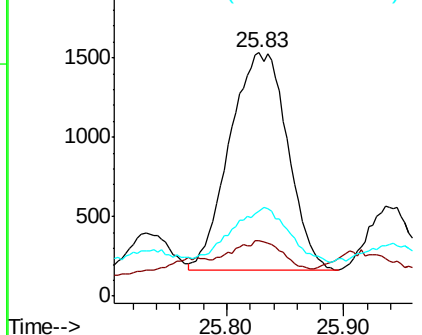
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

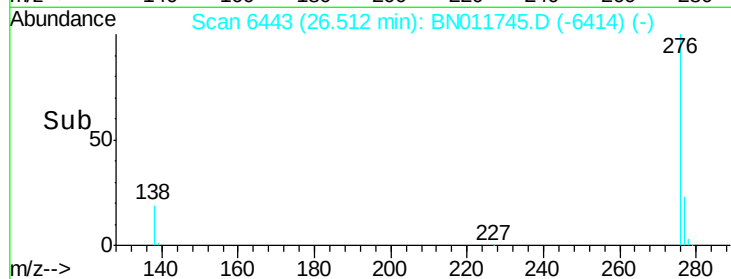
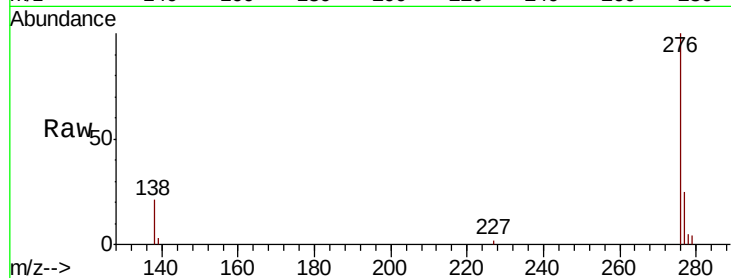
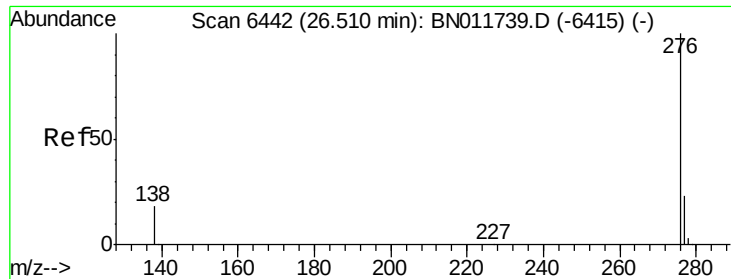


#25
 Dibenzo(a,h)anthracene
 Concen: 0.124 ng/ul
 RT: 25.83 min Scan# 6239
 Delta R.T. -0.01 min
 Lab File: BN011745.D
 Acq: 08 Sep 2020 20:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.8	12.4	18.6#
279	34.9	21.8	32.6#

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(a,h,i)perylene

Concen: 0.376 ng/ul

RT: 26.51 min Scan# 6443

Delta R.T. -0.00 min

Lab File: BN011745.D

Acq: 08 Sep 2020 20:06

Tot Ion:	276	Resp:	15317
Ion Ratio	Lower	Upper	
276	100		
138	20.8	14.7	22.1
277	25.2	19.5	29.3

Instrument :

BNA_N

ClientSampleId :

C0AA8

Manual Integrations
APPROVED

Sohil
9/9/2020 3:46:50 PM

