

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
 Data File : BN011747.D
 Acq On : 08 Sep 2020 21:19
 Operator : CG/JU
 Sample : L3840-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA3

Manual Integrations
 APPROVED

Sohil
 9/9/2020 3:46:27 PM

Quant Time: Sep 09 06:56:48 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	7.74	152	1930	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	7608	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4410	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	9231m	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	7808	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	7943	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3631	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	7363	0.30	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	1397	0.062	ng/ul#	88
7) Acenaphthylene	14.09	152	1764	0.083	ng/ul#	93
12) Phenanthrene	17.16	178	1705	0.055	ng/ul#	91
13) Anthracene	17.25	178	2035	0.074	ng/ul#	92
15) Fluoranthene	19.18	202	4230	0.123	ng/ul	95
17) Pyrene	19.54	202	9507	0.274	ng/ul#	95
18) Benzo(a)anthracene	21.29	228	5578	0.184	ng/ul	94
19) Chrysene	21.34	228	11398	0.336	ng/ul	98
21) Benzo(b)fluoranthene	22.88	252	18467m	0.496	ng/ul	
22) Benzo(k)fluoranthene	22.93	252	7424m	0.194	ng/ul	
23) Benzo(a)pyrene	23.46	252	11215	0.349	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.82	276	7413	0.176	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.82	278	2164	0.063	ng/ul#	69
26) Benzo(g,h,i)perylene	26.51	276	6669	0.181	ng/ul#	92

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

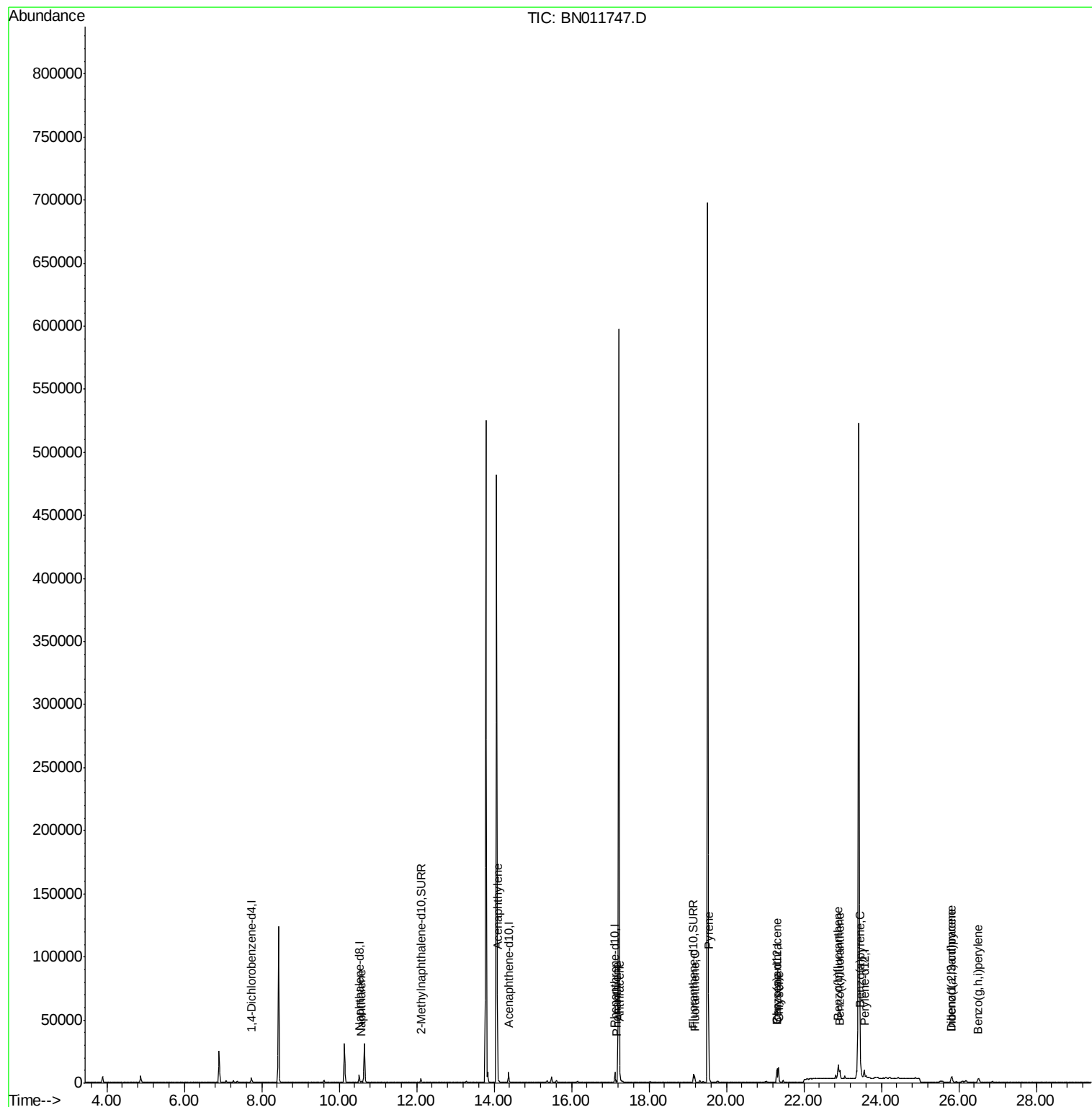
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011747.D
Acq On : 08 Sep 2020 21:19
Operator : CG/JU
Sample : L3840-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

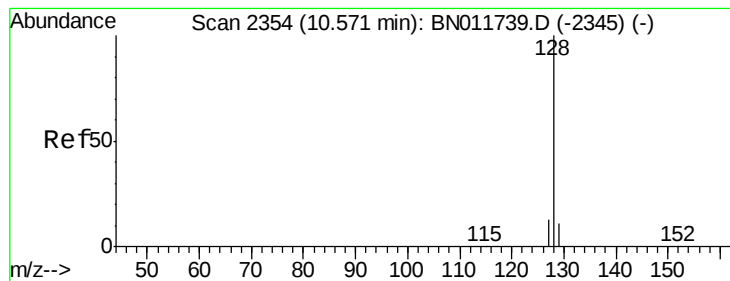
Instrument :
BNA_N
ClientSampleId :
C0AA3

Manual Integrations
APPROVED

Sohil
9/9/2020 3:46:27 PM

Quant Time: Sep 09 06:56:48 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: 0.062 ng/ul

RT: 10.57 min Scan# 2353

Delta R.T. -0.01 min

Lab File: BN011747.D

Acq: 08 Sep 2020 21:19

Instrument :

BNA_N

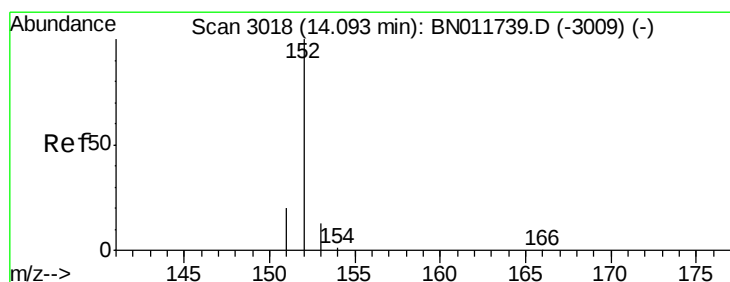
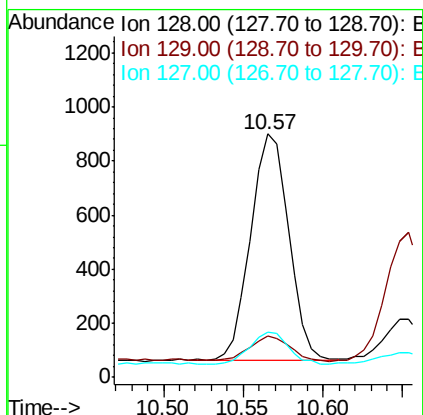
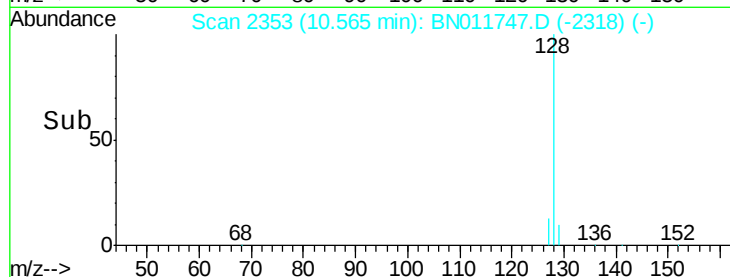
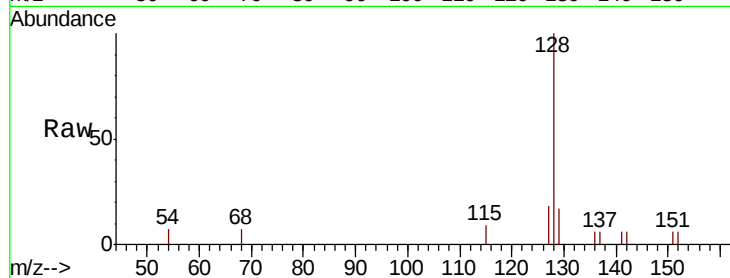
ClientSampleId :

C0AA3

Tot Ion:128	Resp:	1397
Ion Ratio	Lower	Upper
128	100	
129	17.2	9.8 14.6#
127	18.4	11.0 16.6#

Manual Integrations
APPROVED

Sohil
9/9/2020 3:46:27 PM



#7

Acenaphthylene

Concen: 0.083 ng/ul

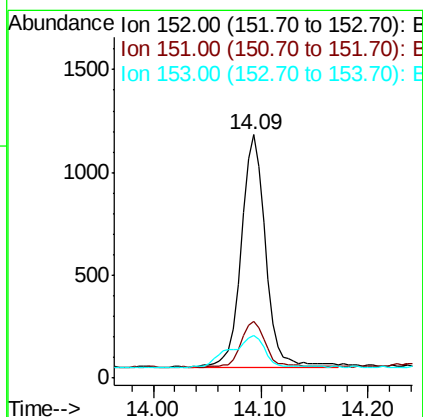
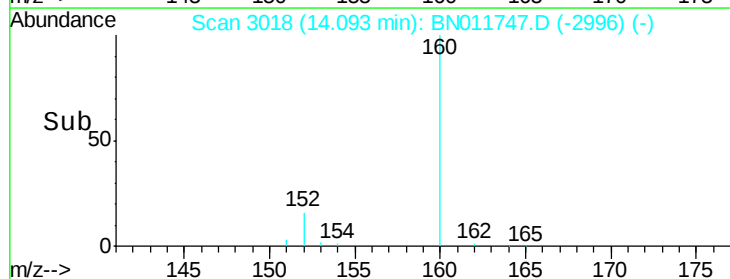
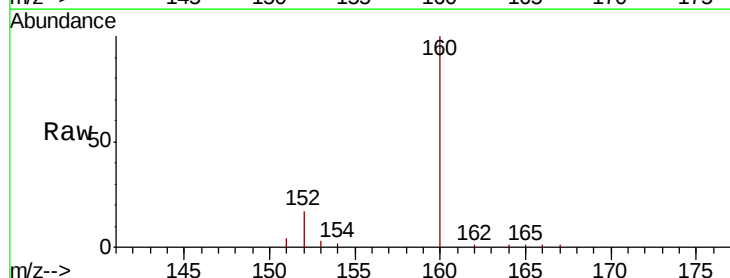
RT: 14.09 min Scan# 3018

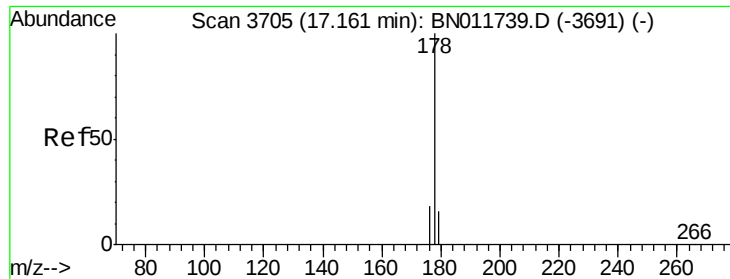
Delta R.T. 0.00 min

Lab File: BN011747.D

Acq: 08 Sep 2020 21:19

Tgt Ion:152	Resp:	1764
Ion Ratio	Lower	Upper
152	100	
151	23.3	16.2 24.4
153	17.3	11.4 17.0#





#12

Phenanthrene

Concen: 0.055 ng/ul

RT: 17.16 min Scan# 3705

Delta R.T. 0.00 min

Lab File: BN011747.D

Acq: 08 Sep 2020 21:19

Instrument :

BNA_N

ClientSampleId :

C0AA3

Tot Ion:178 Resp: 1705

Ion Ratio Lower Upper

178 100

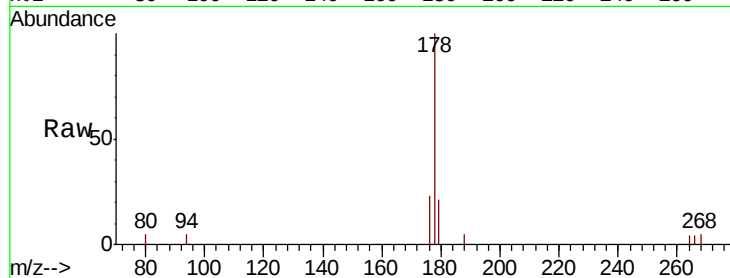
179 20.7 12.6 19.0#

176 23.0 16.0 24.0

Manual Integrations
APPROVED

Sohil

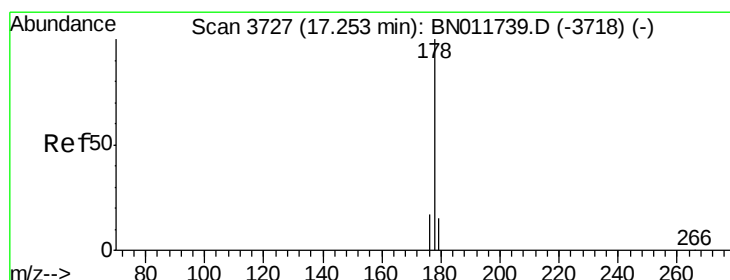
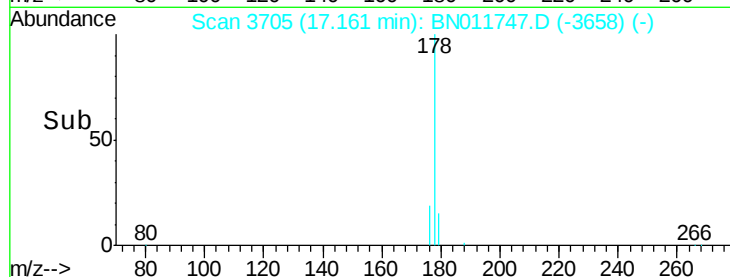
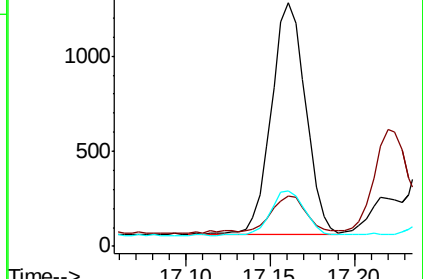
9/9/2020 3:46:27 PM



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



#13

Anthracene

Concen: 0.074 ng/ul

RT: 17.25 min Scan# 3727

Delta R.T. 0.00 min

Lab File: BN011747.D

Acq: 08 Sep 2020 21:19

Tgt Ion:178 Resp: 2035

Ion Ratio Lower Upper

178 100

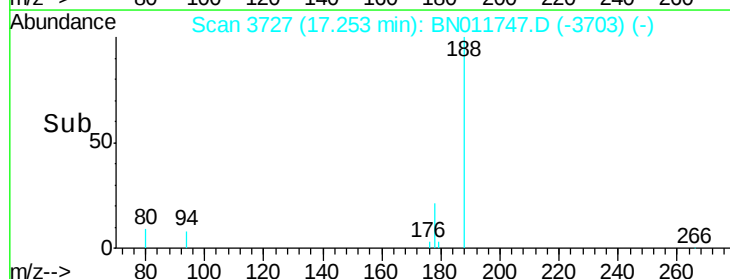
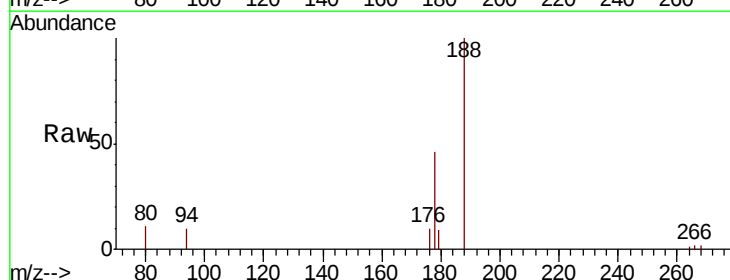
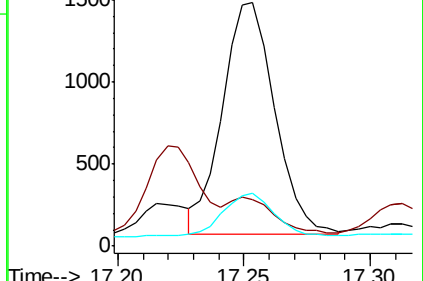
179 19.3 12.7 19.1#

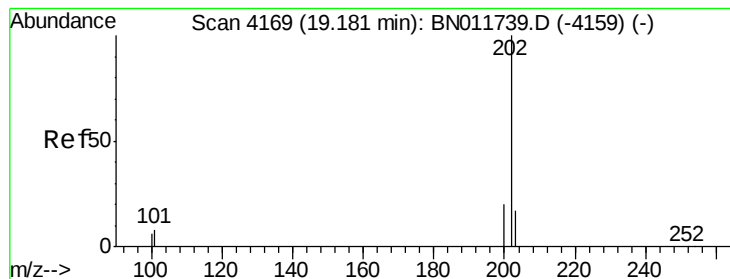
176 21.9 14.8 22.2

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





#15

Fluoranthene

Concen: 0.123 ng/ul

RT: 19.18 min Scan# 4169

Delta R.T. 0.00 min

Lab File: BN011747.D

Acq: 08 Sep 2020 21:19

Instrument :

BNA_N

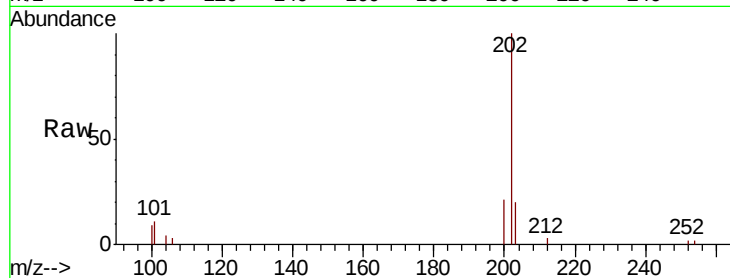
ClientSampleId :

C0AA3

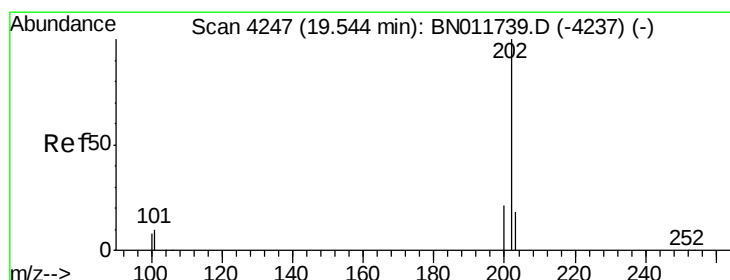
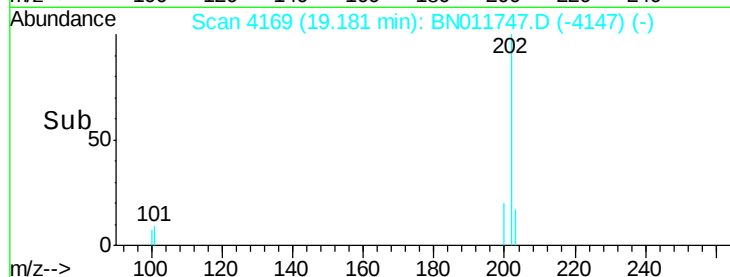
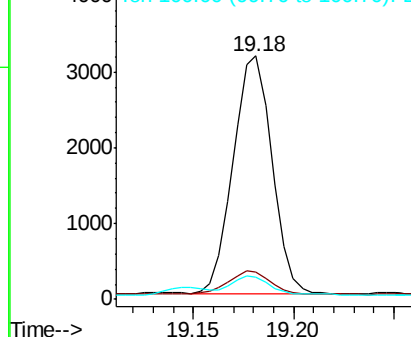
Tot Ion:	202	Resp:	4230
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	29.1
100	8.9	0.0	27.4

Manual Integrations
APPROVED

Sohil
9/9/2020 3:46:27 PM



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: 0.274 ng/ul

RT: 19.54 min Scan# 4247

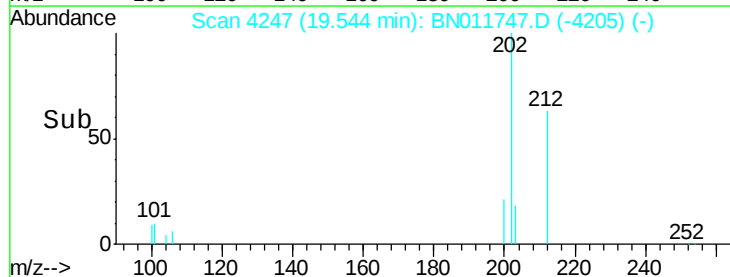
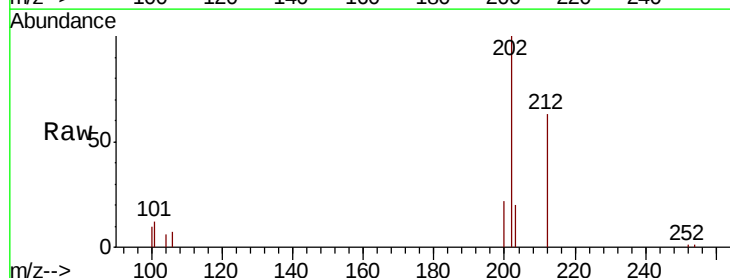
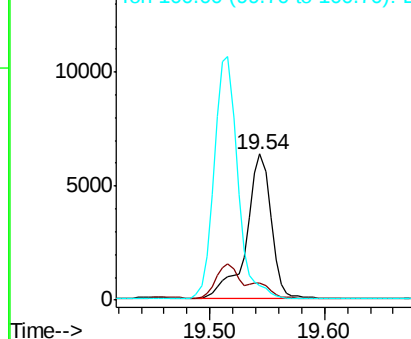
Delta R.T. -0.00 min

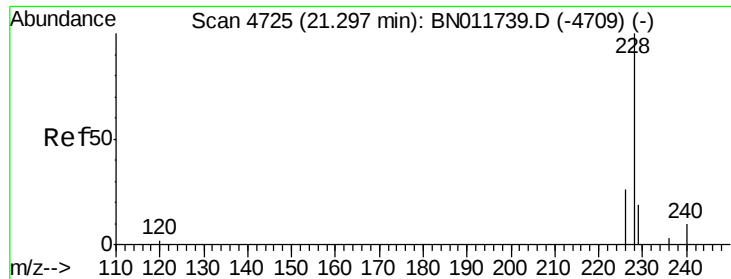
Lab File: BN011747.D

Acq: 08 Sep 2020 21:19

Tgt Ion:	202	Resp:	9507
Ion Ratio	Lower	Upper	
202	100		
101	11.7	8.0	12.0
100	10.3	6.5	9.7#

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





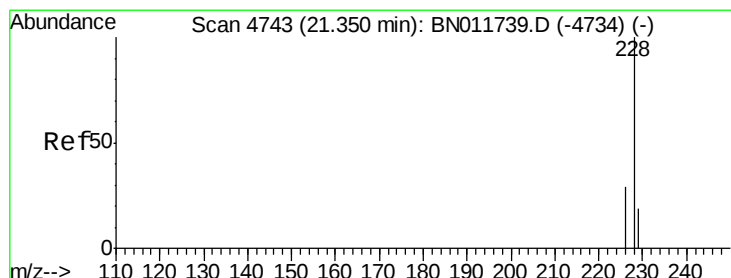
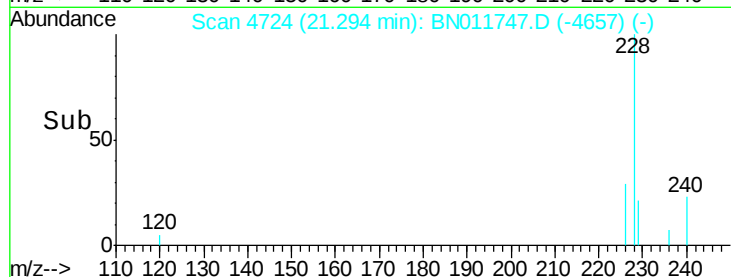
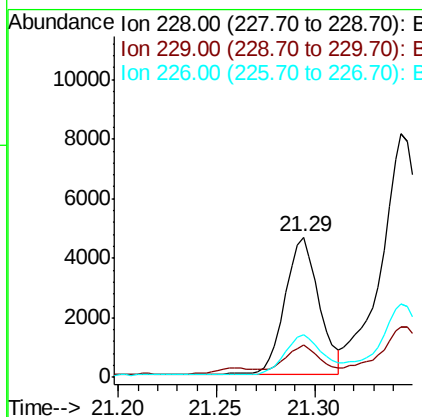
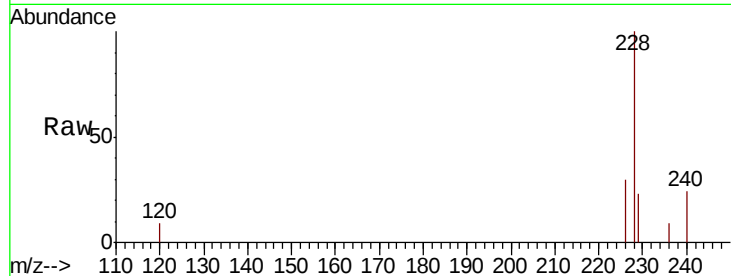
#18
Benzo(a)anthracene
Concen: 0.184 ng/ul
RT: 21.29 min Scan# 4724
Delta R.T. -0.01 min
Lab File: BN011747.D
Acq: 08 Sep 2020 21:19

Instrument :
BNA_N
ClientSampled :
C0AA3

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.9	23.9
226	30.1	21.9	32.9

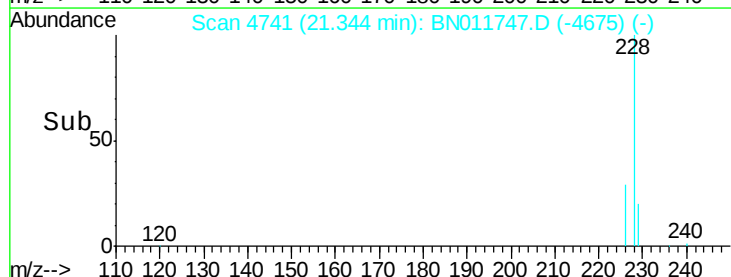
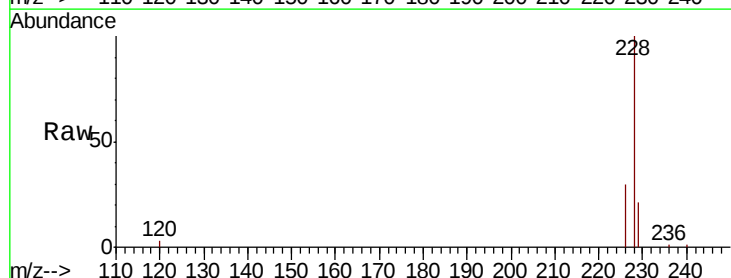
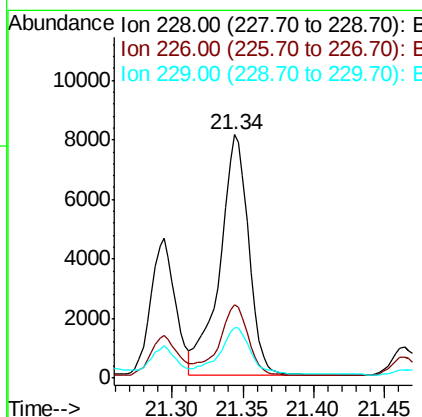
Manual Integrations
APPROVED

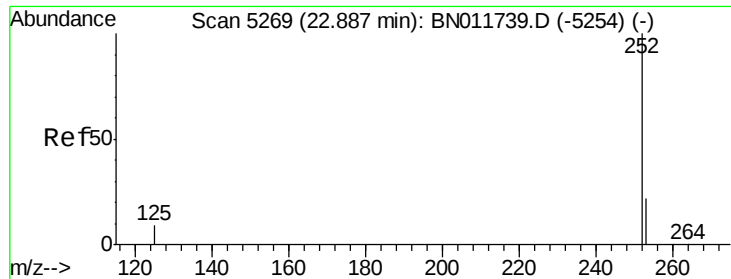
Sohil
9/9/2020 3:46:27 PM



#19
Chrysene
Concen: 0.336 ng/ul
RT: 21.34 min Scan# 4741
Delta R.T. -0.01 min
Lab File: BN011747.D
Acq: 08 Sep 2020 21:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	37.0
229	20.7	15.9	23.9





#21

Benzo(b)fluoranthene

Concen: 0.496 ng/ul m

RT: 22.88 min Scan# 5268

Delta R.T. -0.01 min

Lab File: BN011747.D

Acq: 08 Sep 2020 21:19

Instrument :

BNA_N

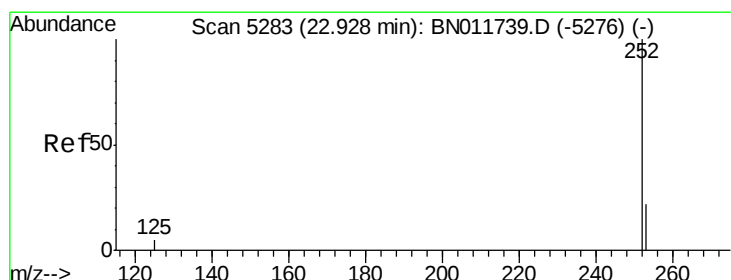
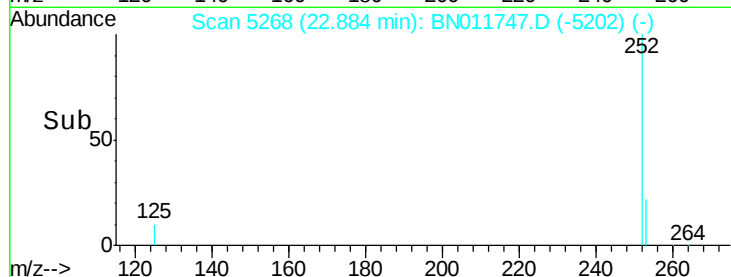
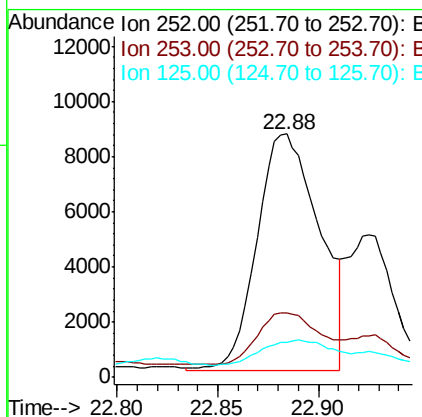
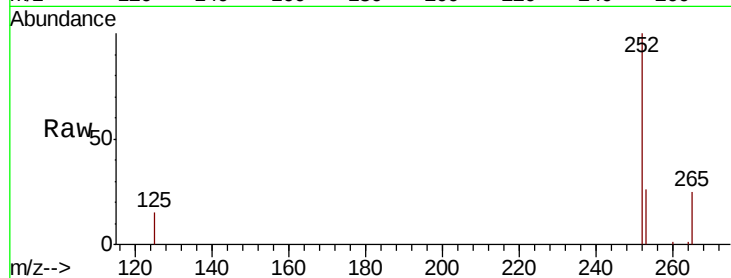
ClientSampled :

C0AA3

Tot Ion:	252	Resp:	18467
Ion Ratio	Lower	Upper	
252	100		
253	26.2	0.0	50.6
125	14.5	0.0	23.6

Manual Integrations
APPROVED

Sohil
9/9/2020 3:46:27 PM



#22

Benzo(k)fluoranthene

Concen: 0.194 ng/ul m

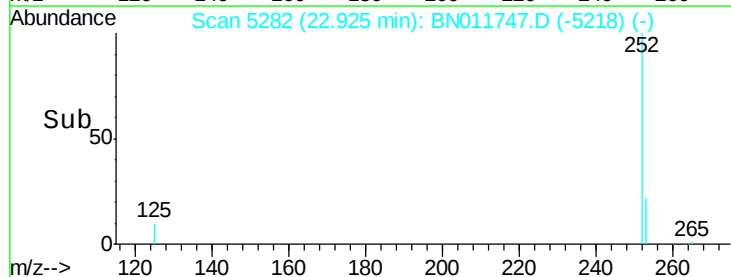
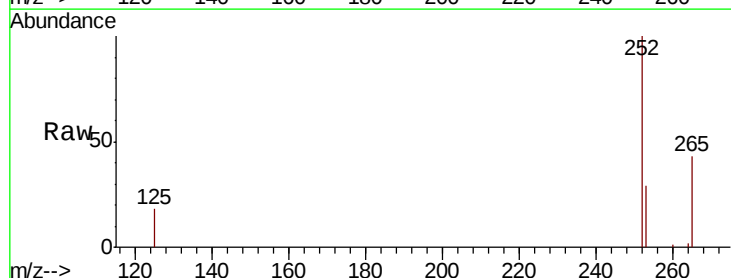
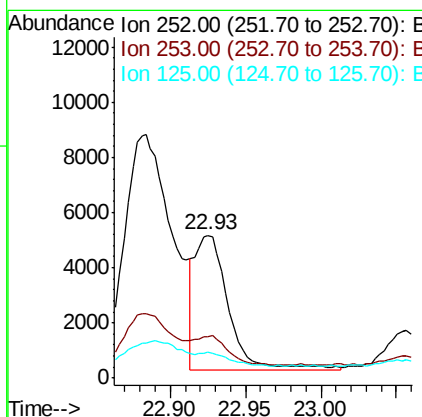
RT: 22.93 min Scan# 5282

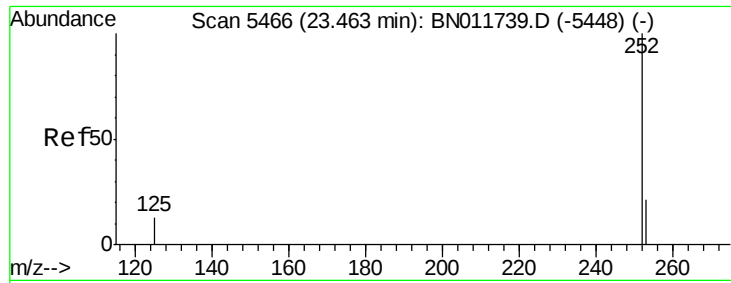
Delta R.T. -0.01 min

Lab File: BN011747.D

Acq: 08 Sep 2020 21:19

Tgt Ion:	252	Resp:	7424
Ion Ratio	Lower	Upper	
252	100		
253	29.1	20.7	31.1
125	18.0	9.7	14.5#





#23

Benzo(a)pyrene

Concen: 0.349 ng/ul

RT: 23.46 min Scan# 5465

Delta R.T. -0.01 min

Lab File: BN011747.D

Acq: 08 Sep 2020 21:19

Instrument :

BNA_N

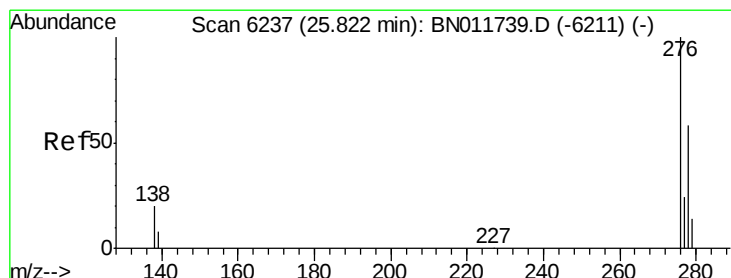
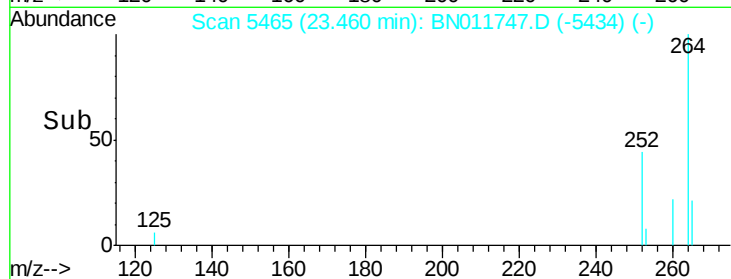
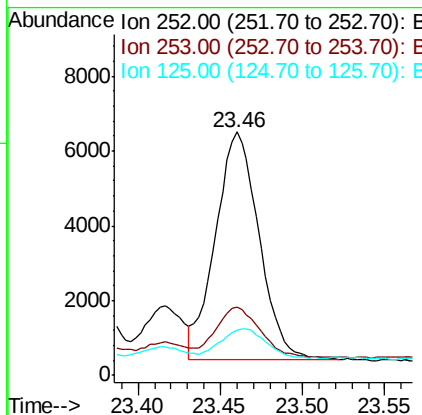
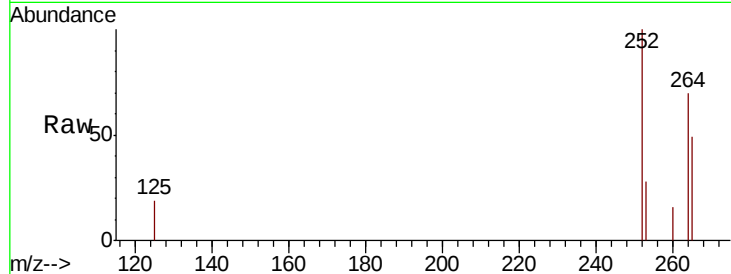
ClientSampleId :

C0AA3

Tot Ion:	252	Resp:	11215
Ion Ratio	Lower	Upper	
252	100		
253	28.1	21.6	32.4
125	18.6	12.6	18.8

Manual Integrations
APPROVED

Sohil
9/9/2020 3:46:27 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.176 ng/ul

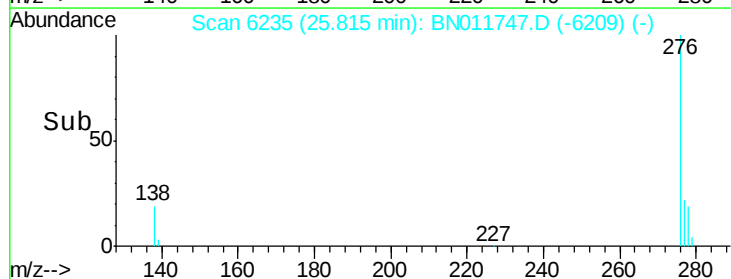
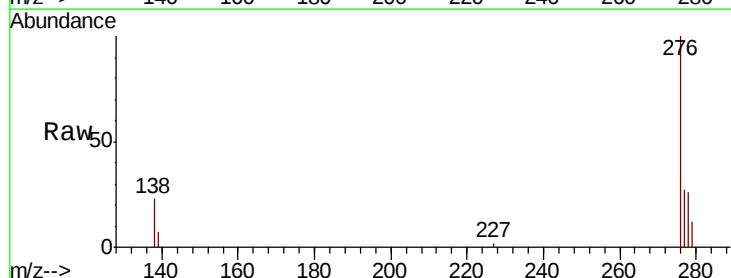
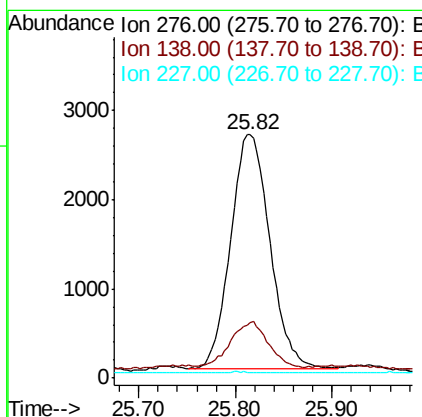
RT: 25.82 min Scan# 6235

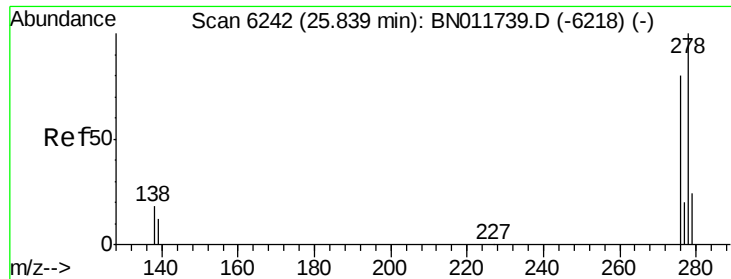
Delta R.T. -0.01 min

Lab File: BN011747.D

Acq: 08 Sep 2020 21:19

Tgt Ion:	276	Resp:	7413
Ion Ratio	Lower	Upper	
276	100		
138	18.2	0.0	0.0#
227	0.0	0.1	0.1#





#25

Dibenzo(a,h)anthracene

Concen: 0.063 ng/ul

RT: 25.82 min Scan# 6237

Delta R.T. -0.02 min

Lab File: BN011747.D

Acq: 08 Sep 2020 21:19

Instrument :

BNA_N

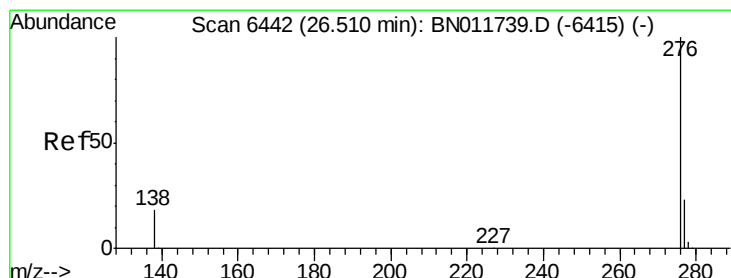
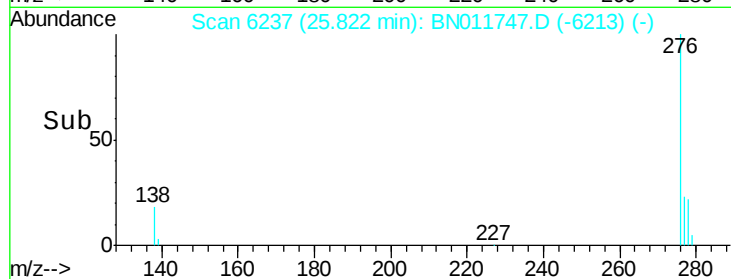
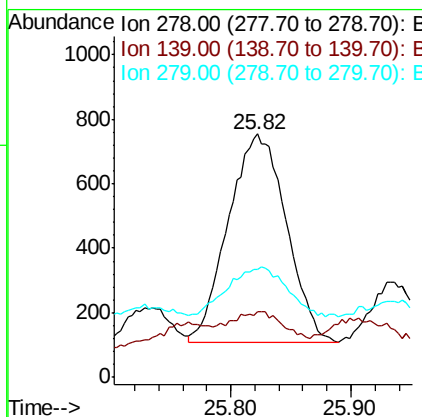
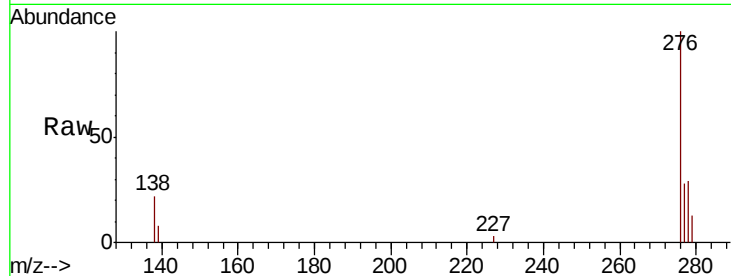
ClientSampled :

C0AA3

Tot Ion:	278	Resp:	2164
Ion Ratio	Lower	Upper	
278	100		
139	26.8	12.4	18.6#
279	44.2	21.8	32.6#

Manual Integrations
APPROVED

Sohil
9/9/2020 3:46:27 PM



#26

Benzo(g,h,i)perylene

Concen: 0.181 ng/ul

RT: 26.51 min Scan# 6441

Delta R.T. -0.01 min

Lab File: BN011747.D

Acq: 08 Sep 2020 21:19

Tgt Ion:	276	Resp:	6669
Ion Ratio	Lower	Upper	
276	100		
138	22.9	14.7	22.1#
277	27.4	19.5	29.3

