

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110118\
 Data File : BN003393.D
 Acq On : 01 Nov 2018 23:41
 Operator : MJ/SJ
 Sample : J5704-17
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A40H5

Manual Integrations
 APPROVED

Sohil
 11/2/2018 4:14:19 PM

Quant Time: Nov 02 06:01:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 02 04:49:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	9737	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	41734	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	26500	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	62793m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	60122m	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	50809m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	18948	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	52015m	0.29	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.21	152	2985	0.026	ng/ul#	89
12) Phenanthrene	17.27	178	28794	0.140	ng/ul	98
13) Anthracene	17.36	178	8023m	0.048	ng/ul	
15) Fluoranthene	19.29	202	111612m	0.482	ng/ul	
17) Pyrene	19.65	202	95582m	0.437	ng/ul	
18) Benzo(a)anthracene	21.39	228	53671m	0.285	ng/ul	
19) Chrysene	21.45	228	49306m	0.230	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	64104m	0.293	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	24675m	0.116	ng/ul	
23) Benzo(a)pyrene	23.62	252	43345m	0.237	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.08	276	23805	0.122	ng/ul#	90
25) Dibenzo(a,h)anthracene	26.09	278	7004m	0.044	ng/ul	
26) Benzo(g,h,i)perylene	26.81	276	18038m	0.107	ng/ul	

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

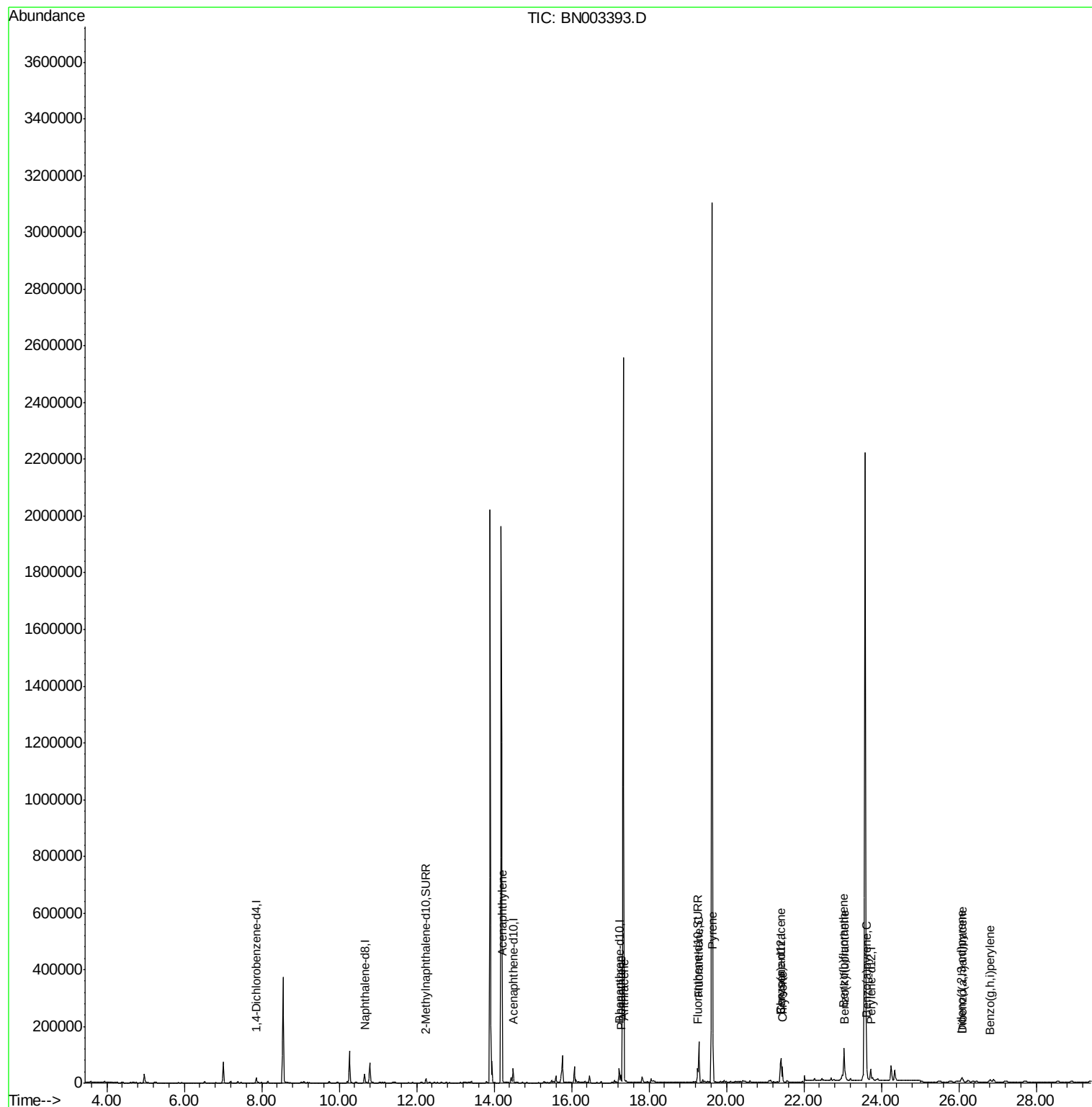
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110118\
Data File : BN003393.D
Acq On : 01 Nov 2018 23:41
Operator : MJ/SJ
Sample : J5704-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

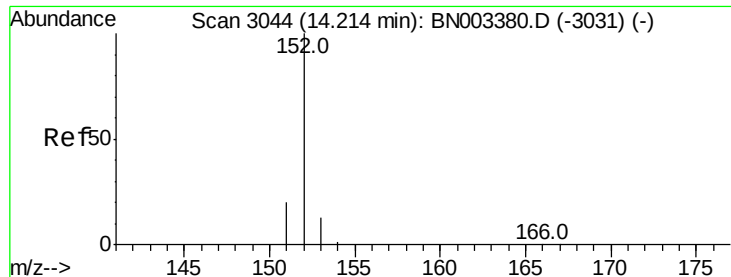
Instrument :
BNA_N
ClientSampleId :
A40H5

Quant Time: Nov 02 06:01:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 04:49:17 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
11/2/2018 4:14:19 PM





#7

Acenaphthylene

Concen: 0.026 ng/ul

RT: 14.21 min Scan# 3044

Delta R.T. -0.00 min

Lab File: BN003393.D

Acq: 01 Nov 2018 23:41

Instrument :

BNA_N

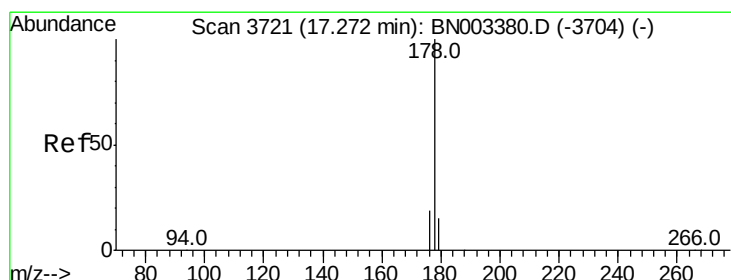
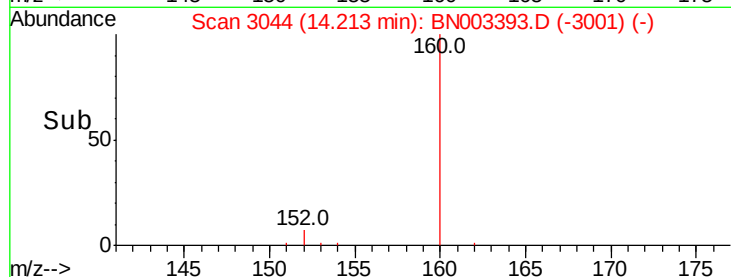
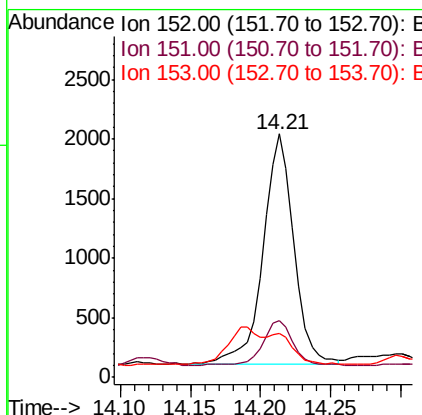
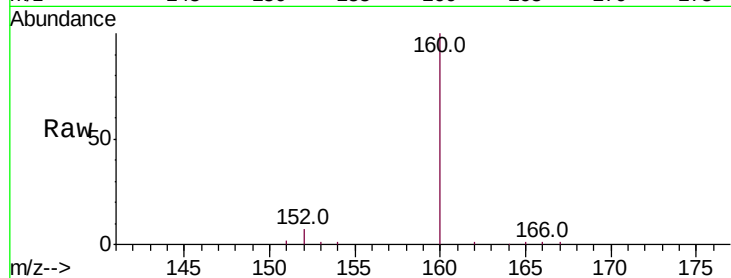
ClientSampled :

A40H5

Tot Ion:	152	Resp:	2985
Ion Ratio	Lower	Upper	
152	100		
151	23.5	15.6	23.4#
153	18.2	10.4	15.6#

Manual Integrations
APPROVED

Sohil
11/2/2018 4:14:19 PM



#12

Phenanthrene

Concen: 0.140 ng/ul

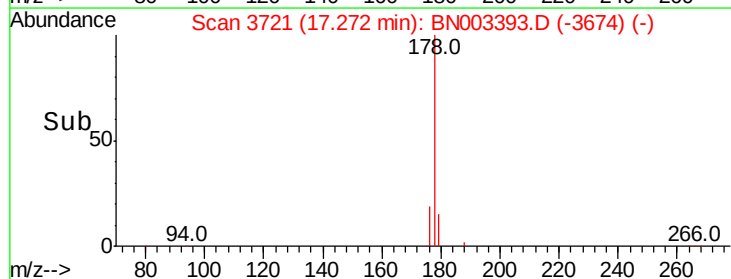
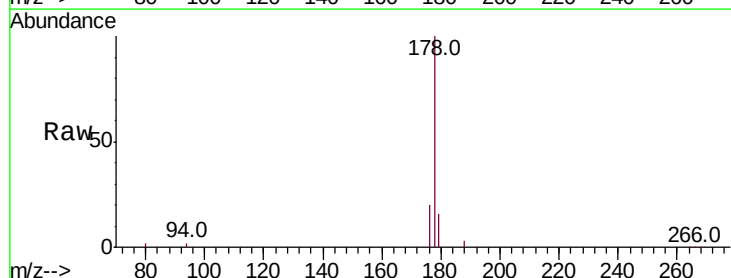
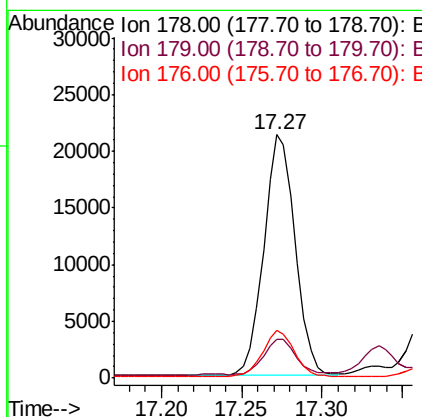
RT: 17.27 min Scan# 3721

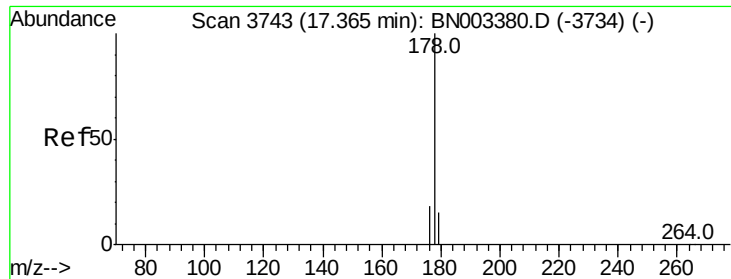
Delta R.T. -0.00 min

Lab File: BN003393.D

Acq: 01 Nov 2018 23:41

Tgt Ion:	178	Resp:	28794
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.4	18.6
176	19.7	15.0	22.4





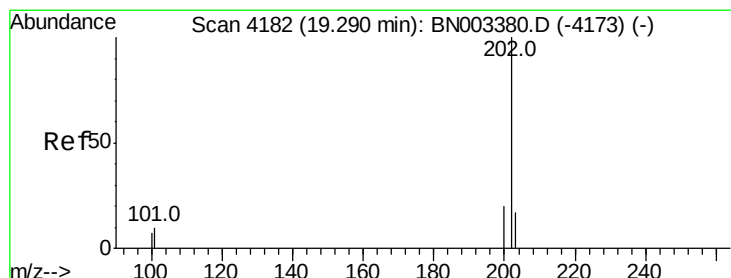
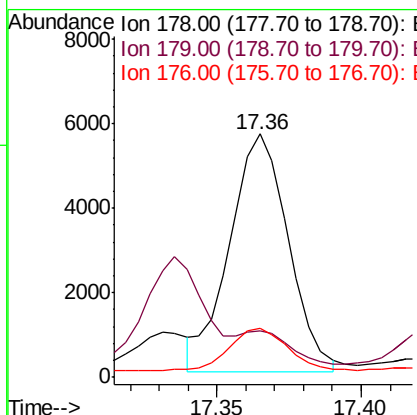
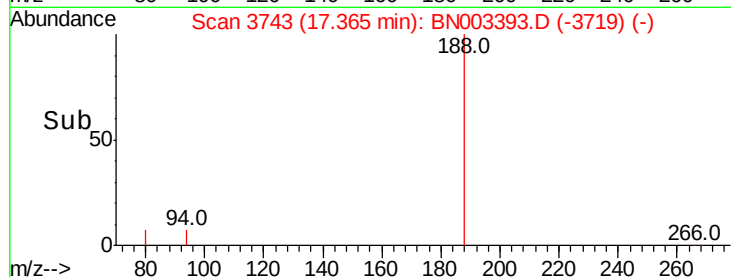
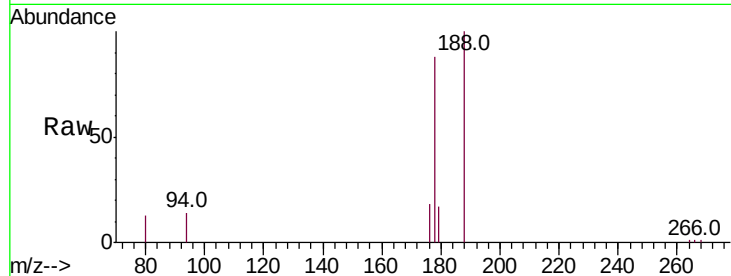
#13
 Anthracene
 Concen: 0.048 ng/ul m
 RT: 17.36 min Scan# 3743
 Delta R.T. -0.00 min
 Lab File: BN003393.D
 Acq: 01 Nov 2018 23:41

Instrument :
 BNA_N
 ClientSampleId :
 A40H5

Tot Ion:178 Resp: 8023
 Ion Ratio Lower Upper
 178 100
 179 19.1 12.2 18.2#
 176 20.2 14.7 22.1

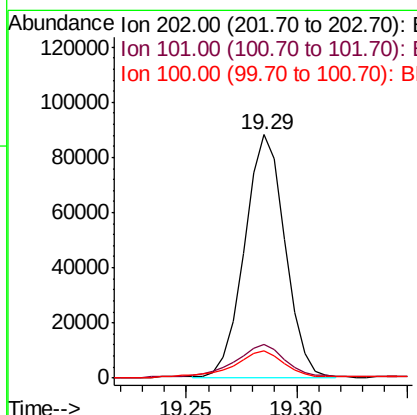
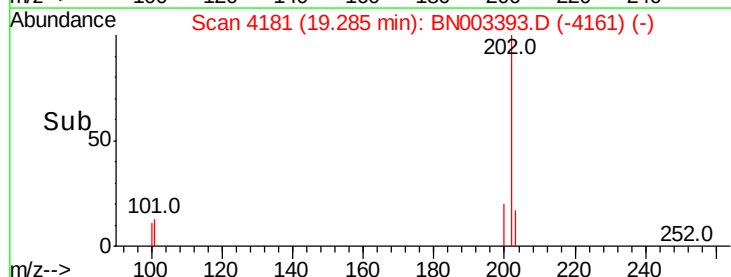
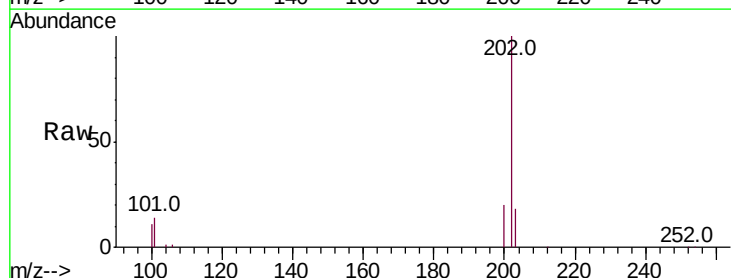
Manual Integrations
 APPROVED

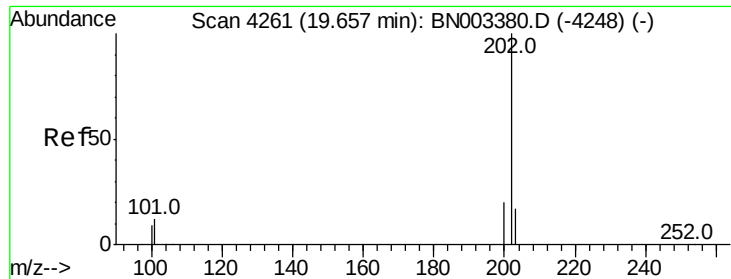
Sohil
 11/2/2018 4:14:19 PM



#15
 Fluoranthene
 Concen: 0.482 ng/ul m
 RT: 19.29 min Scan# 4181
 Delta R.T. -0.00 min
 Lab File: BN003393.D
 Acq: 01 Nov 2018 23:41

Tgt Ion:202 Resp: 111612
 Ion Ratio Lower Upper
 202 100
 101 13.6 0.0 30.7
 100 11.1 0.0 28.0





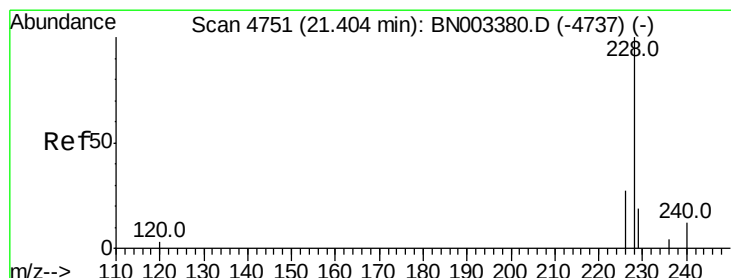
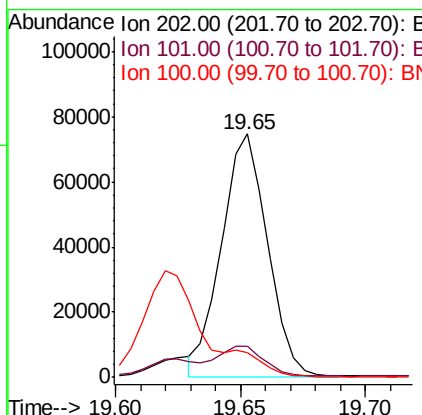
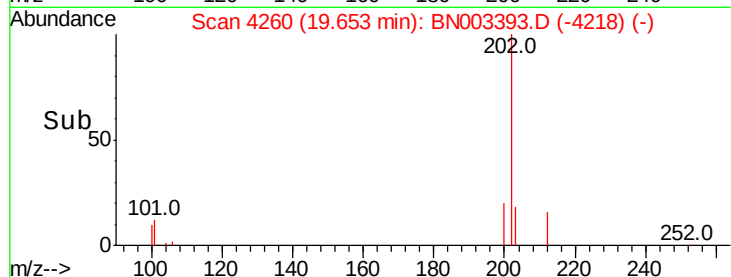
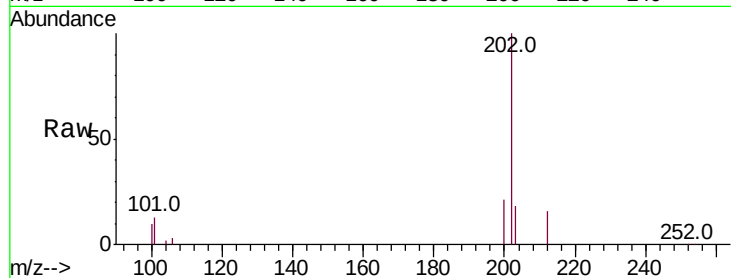
#17
Pvrene
Concen: 0.437 ng/ul m
RT: 19.65 min Scan# 4260
Delta R.T. -0.00 min
Lab File: BN003393.D
Acq: 01 Nov 2018 23:41

Instrument :
BNA_N
ClientSampled :
A40H5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.6	9.5	14.3
100	10.0	7.5	11.3

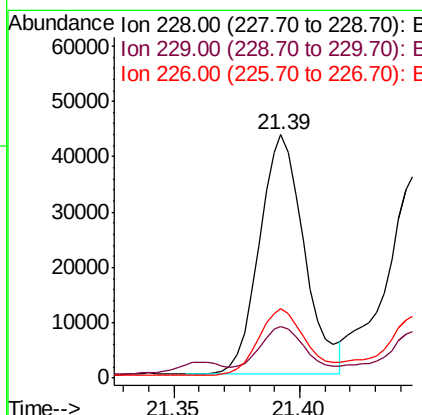
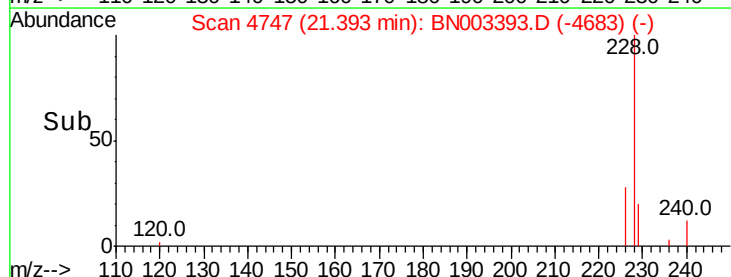
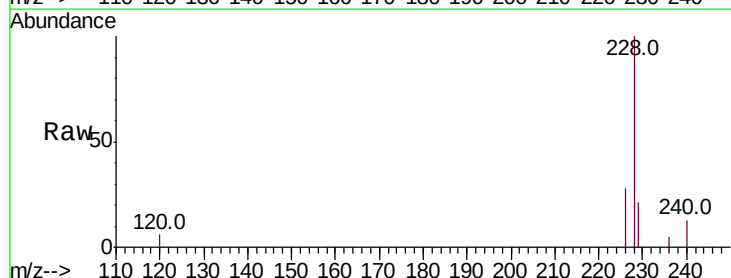
Manual Integrations
APPROVED

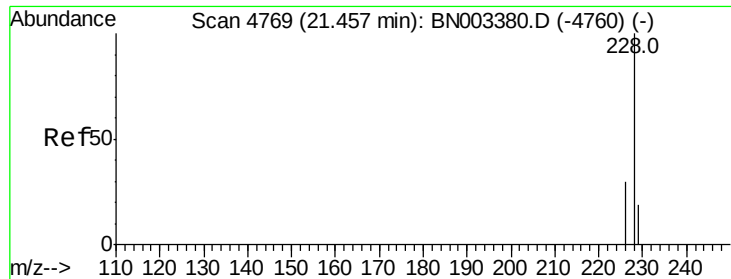
Sohil
11/2/2018 4:14:19 PM



#18
Benzo(a)anthracene
Concen: 0.285 ng/ul m
RT: 21.39 min Scan# 4747
Delta R.T. -0.01 min
Lab File: BN003393.D
Acq: 01 Nov 2018 23:41

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.5	15.5	23.3
226	28.4	21.5	32.3





#19

Chrysene

Concen: 0.230 ng/ul m

RT: 21.45 min Scan# 4765

Delta R.T. -0.01 min

Lab File: BN003393.D

Acq: 01 Nov 2018 23:41

Instrument :

BNA_N

ClientSampled :

A40H5

Tot Ion:228 Resp: 49306

Ion Ratio Lower Upper

228 100

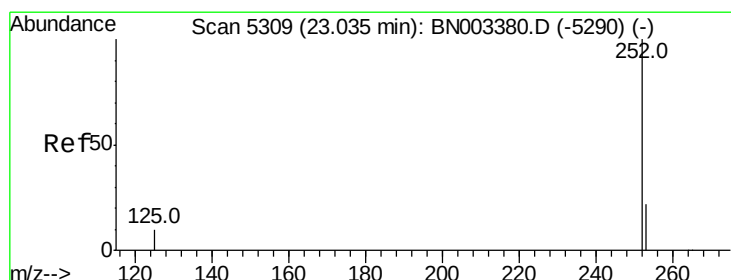
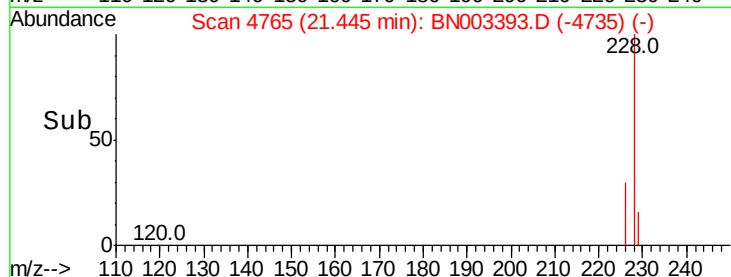
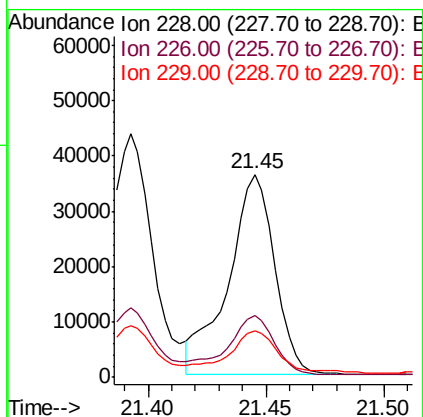
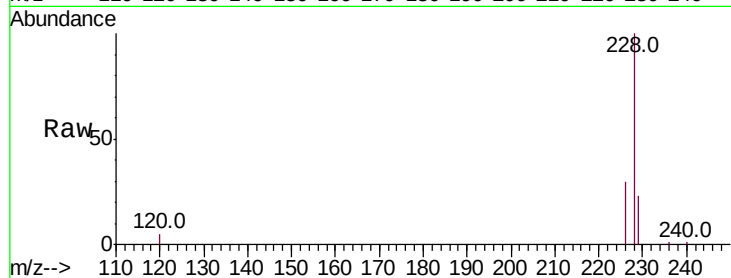
226 30.5 23.8 35.6

229 23.1 15.5 23.3

Manual Integrations
APPROVED

Sohil

11/2/2018 4:14:19 PM



#21

Benzo(b)fluoranthene

Concen: 0.293 ng/ul m

RT: 23.02 min Scan# 5305

Delta R.T. -0.01 min

Lab File: BN003393.D

Acq: 01 Nov 2018 23:41

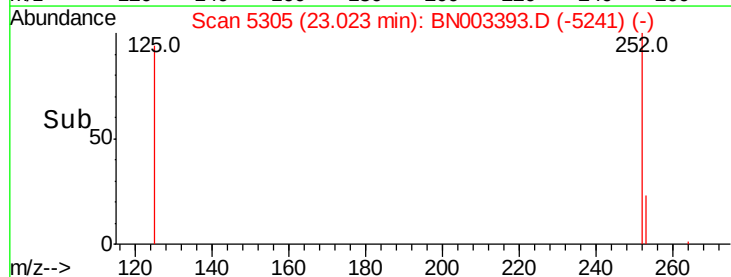
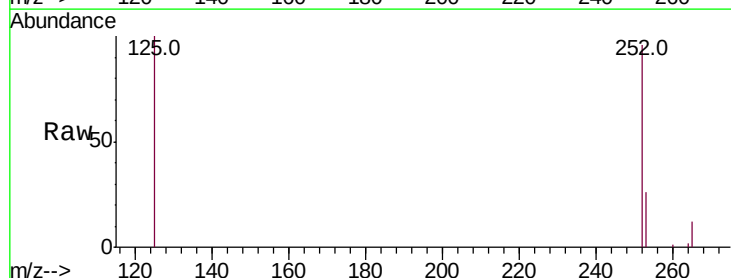
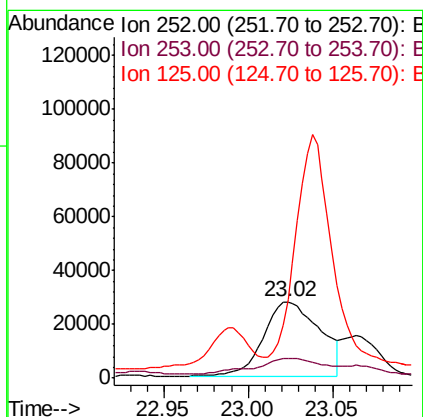
Tgt Ion:252 Resp: 64104

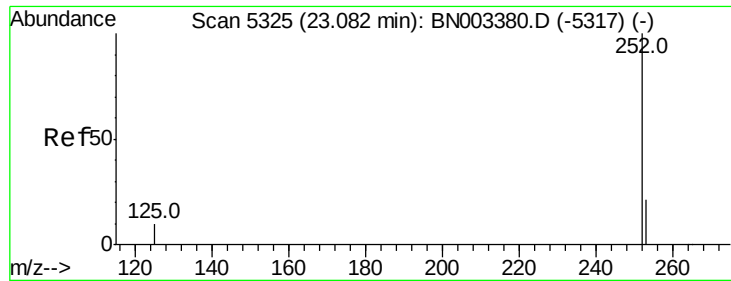
Ion Ratio Lower Upper

252 100

253 26.5 0.0 45.6

125 103.6 0.0 21.8#





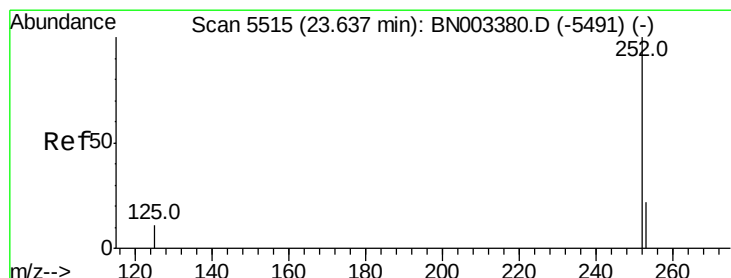
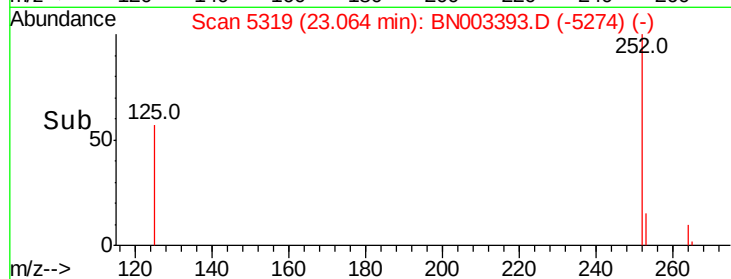
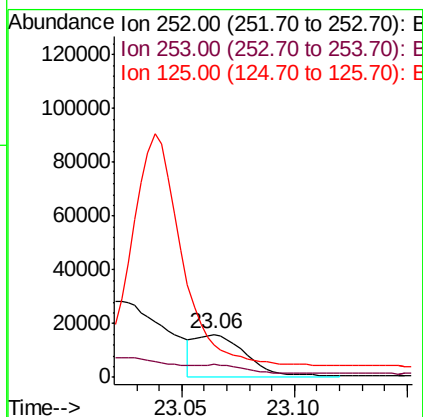
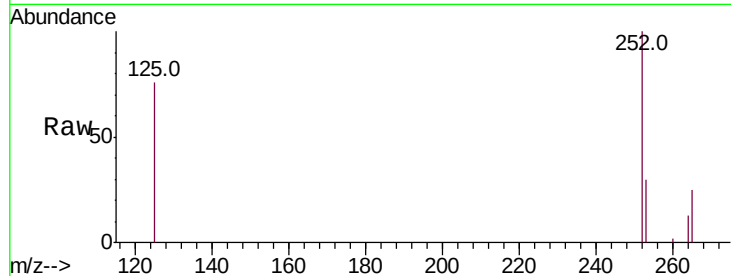
#22
Benzo(k)fluoranthene
Concen: 0.116 ng/ul m
RT: 23.06 min Scan# 5319
Delta R.T. -0.02 min
Lab File: BN003393.D
Acq: 01 Nov 2018 23:41

Instrument :
BNA_N
ClientSampleId :
A40H5

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.9	18.2	27.4#
125	75.7	8.6	13.0#

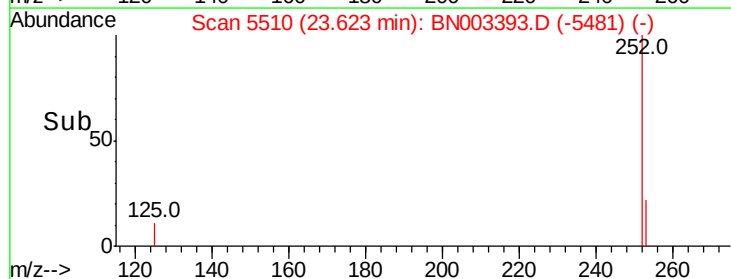
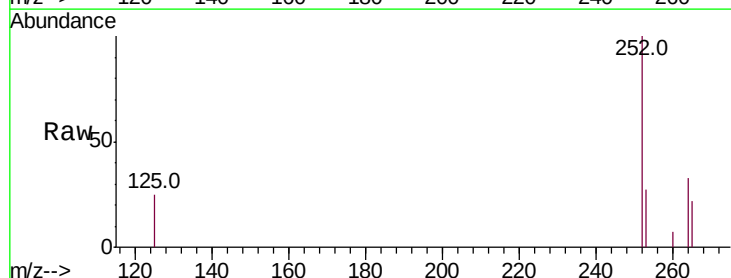
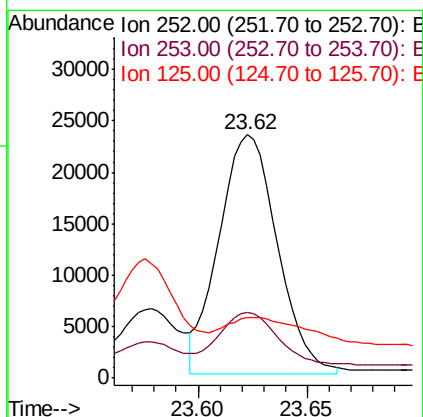
Manual Integrations
APPROVED

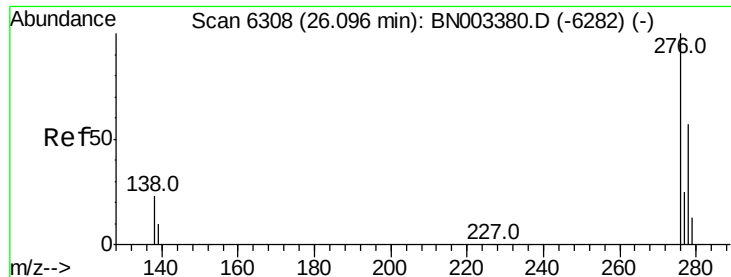
Sohil
11/2/2018 4:14:19 PM



#23
Benzo(a)pyrene
Concen: 0.237 ng/ul m
RT: 23.62 min Scan# 5510
Delta R.T. -0.01 min
Lab File: BN003393.D
Acq: 01 Nov 2018 23:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	18.5	27.7
125	24.9	9.9	14.9#





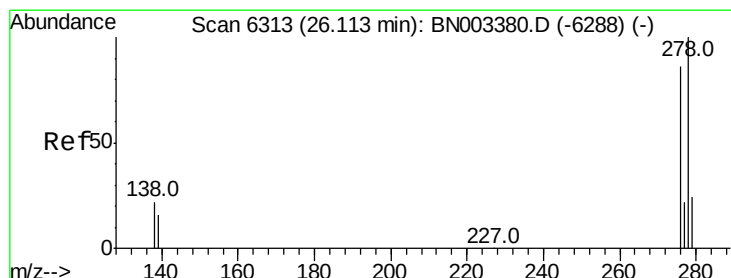
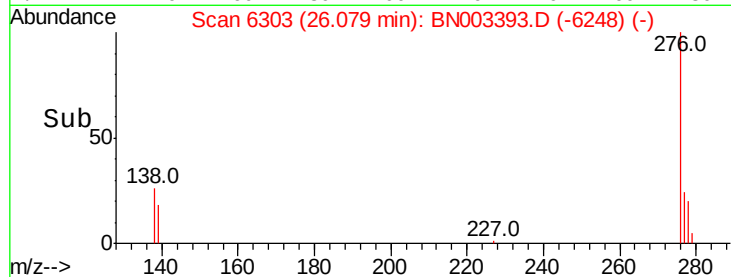
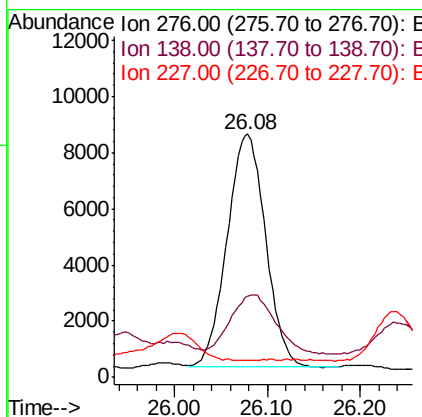
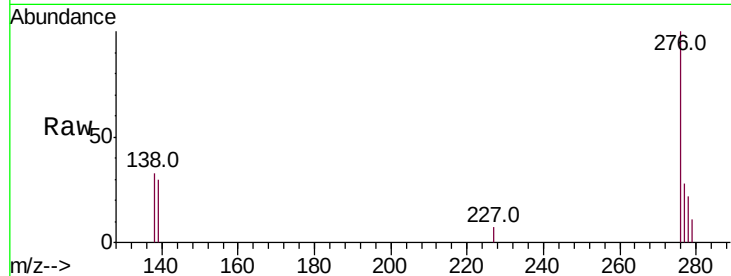
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.122 ng/ul
 RT: 26.08 min Scan# 6303
 Delta R.T. -0.02 min
 Lab File: BN003393.D
 Acq: 01 Nov 2018 23:41

Instrument :
 BNA_N
 ClientSampled :
 A40H5

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.6	19.8	29.8
227	0.0	0.2	0.2

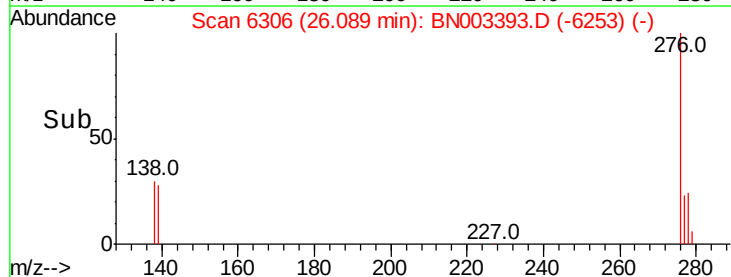
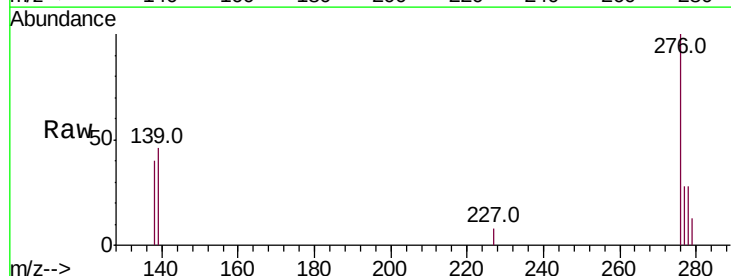
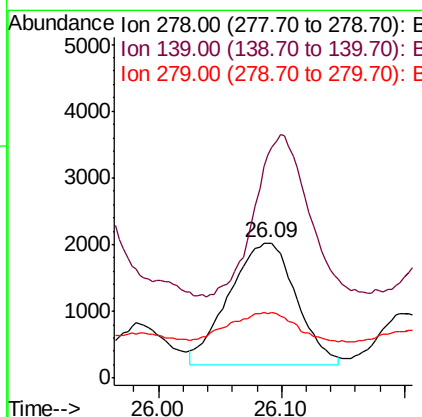
Manual Integrations
 APPROVED

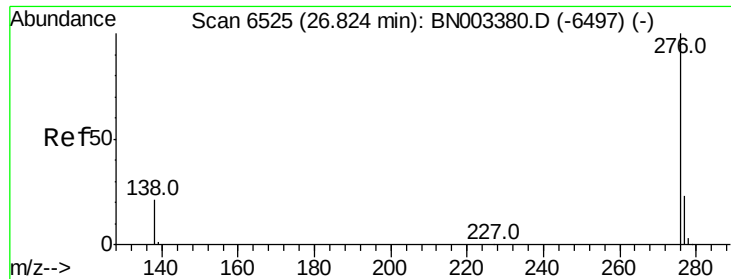
Sohil
 11/2/2018 4:14:19 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.044 ng/ul m
 RT: 26.09 min Scan# 6306
 Delta R.T. -0.02 min
 Lab File: BN003393.D
 Acq: 01 Nov 2018 23:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	165.4	13.1	19.7
279	47.5	19.5	29.3





#26
Benzo(a,h,i)perylene
Concen: 0.107 ng/ul m
RT: 26.81 min Scan# 6520
Delta R.T. -0.02 min
Lab File: BN003393.D
Acq: 01 Nov 2018 23:41

Instrument :
BNA_N
ClientSampleId :
A40H5

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.3	17.0	25.6#
277	28.3	19.2	28.8

Manual Integrations
APPROVED

Sohil
11/2/2018 4:14:19 PM

