

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121818\
 Data File : BN004100.D
 Acq On : 19 Dec 2018 04:59
 Operator : JU/SJ
 Sample : J6271-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E24

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:16:59 PM

Quant Time: Dec 19 05:46:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 04:08:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1808	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9002	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5482	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	14050m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	14502m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	13819m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3285	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	10241m	0.25	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.19	152	8727	0.354	ng/ul	99
12) Phenanthrene	17.25	178	3557m	0.077	ng/ul	
13) Anthracene	17.35	178	7868m	0.208	ng/ul	
15) Fluoranthene	19.27	202	38258m	0.703	ng/ul	
17) Pyrene	19.64	202	41737m	0.802	ng/ul	
18) Benzo(a)anthracene	21.38	228	28365m	0.619	ng/ul	
19) Chrysene	21.43	228	29465m	0.562	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	56119m	0.982	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	17860m	0.321	ng/ul	
23) Benzo(a)pyrene	23.62	252	23695m	0.479	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.08	276	22289m	0.393	ng/ul	
25) Dibenzo(a,h)anthracene	26.08	278	5520m	0.121	ng/ul	
26) Benzo(g,h,i)perylene	26.81	276	16360m	0.332	ng/ul	

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

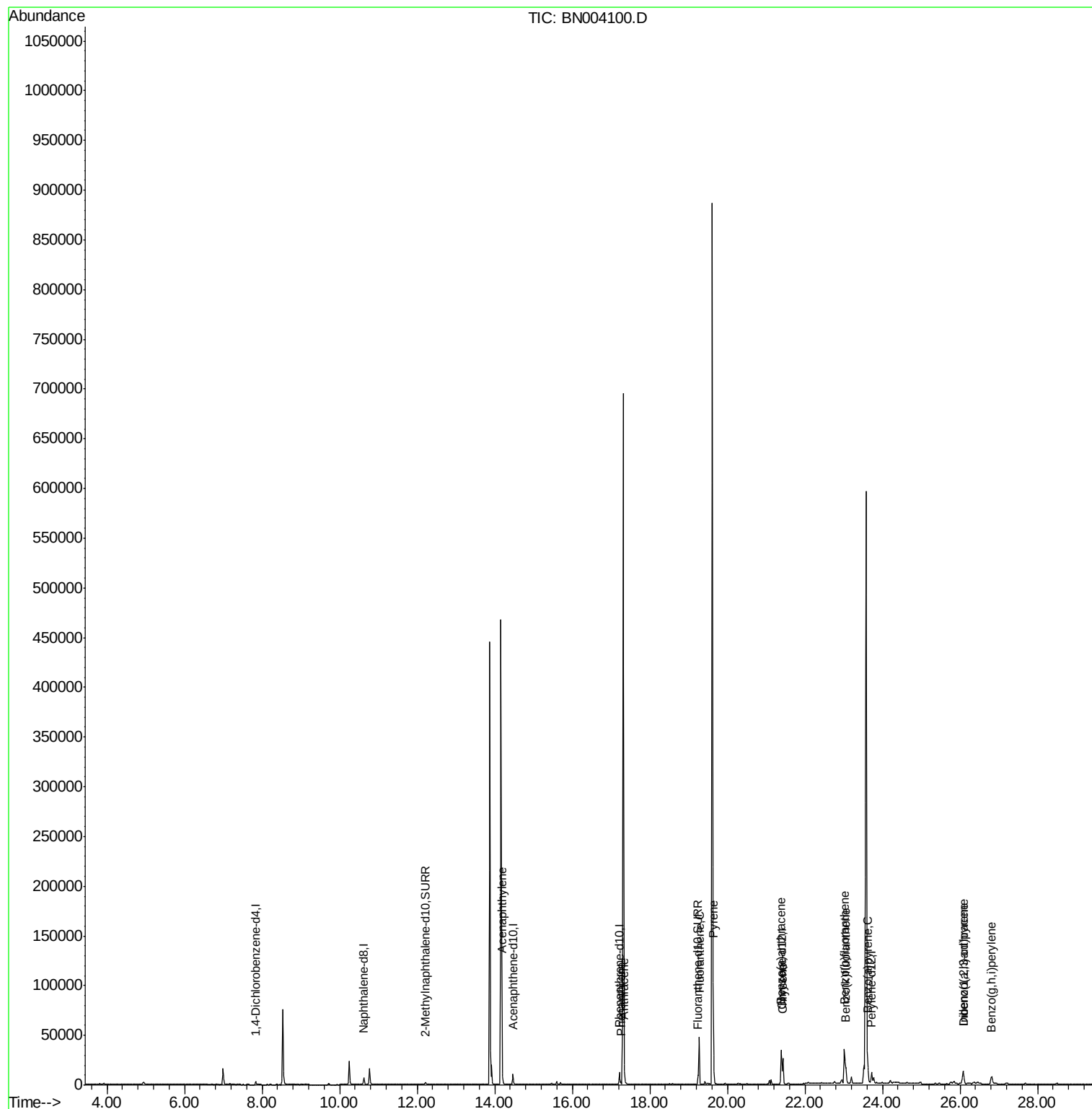
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121818\
Data File : BN004100.D
Acq On : 19 Dec 2018 04:59
Operator : JU/SJ
Sample : J6271-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

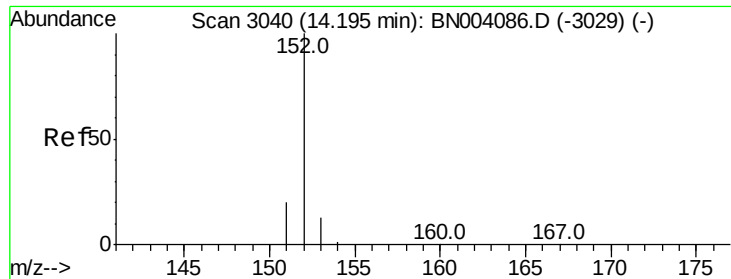
Instrument :
BNA_N
ClientSampleId :
F9E24

Quant Time: Dec 19 05:46:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 04:08:55 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
12/19/2018 4:16:59 PM





#7

Acenaphthylene

Concen: 0.354 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BN004100.D

Acq: 19 Dec 2018 04:59

Instrument :

BNA_N

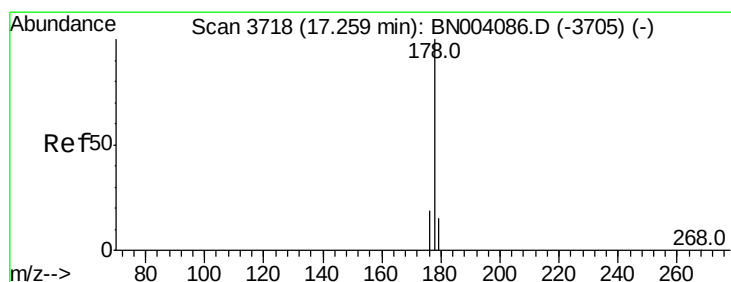
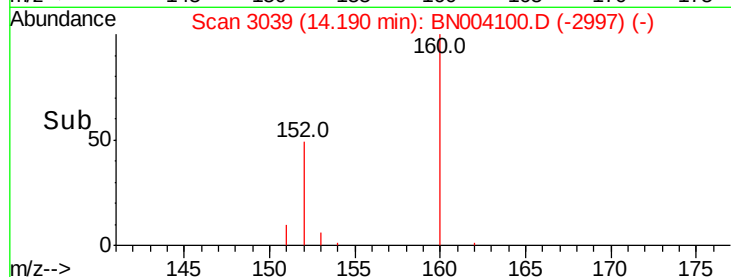
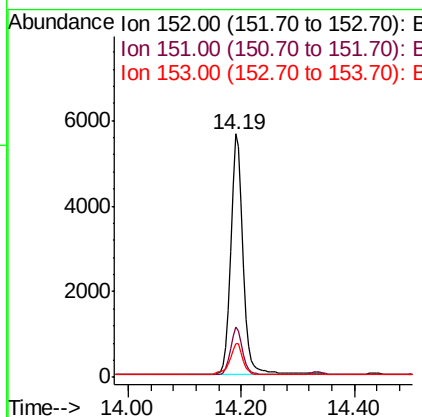
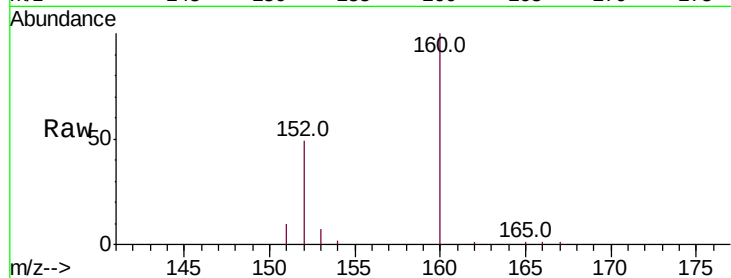
ClientSampled :

F9E24

Tot Ion:	152	Resp:	8727
Ion Ratio	Lower	Upper	
152	100		
151	20.5	15.9	23.9
153	14.1	10.7	16.1

Manual Integrations
APPROVED

Sohil
12/19/2018 4:16:59 PM



#12

Phenanthrene

Concen: 0.077 ng/ul m

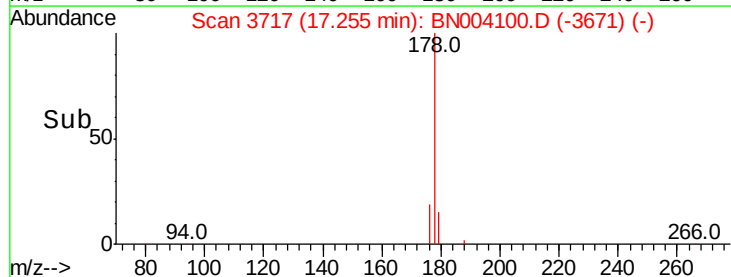
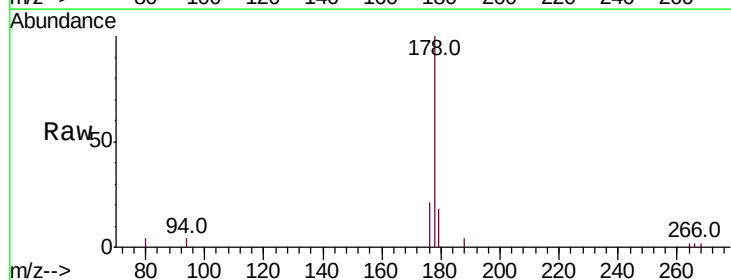
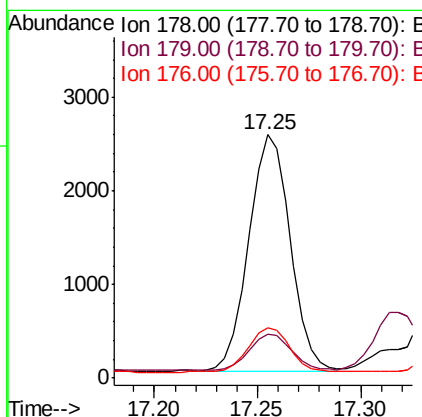
RT: 17.25 min Scan# 3717

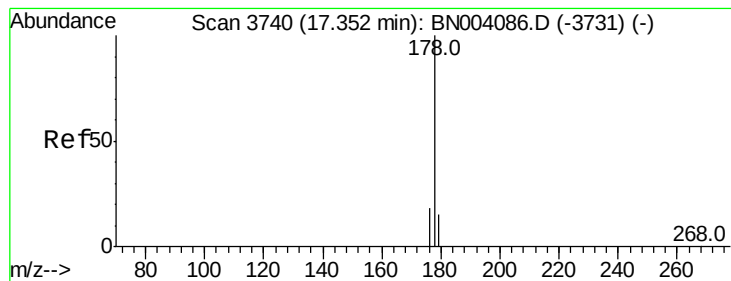
Delta R.T. -0.00 min

Lab File: BN004100.D

Acq: 19 Dec 2018 04:59

Tgt Ion:	178	Resp:	3557
Ion Ratio	Lower	Upper	
178	100		
179	18.0	12.5	18.7
176	20.9	15.0	22.4





#13

Anthracene

Concen: 0.208 ng/ul m

RT: 17.35 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BN004100.D

Acq: 19 Dec 2018 04:59

Instrument :

BNA_N

ClientSampleId :

F9E24

Tot Ion:178 Resp: 7868

Ion Ratio Lower Upper

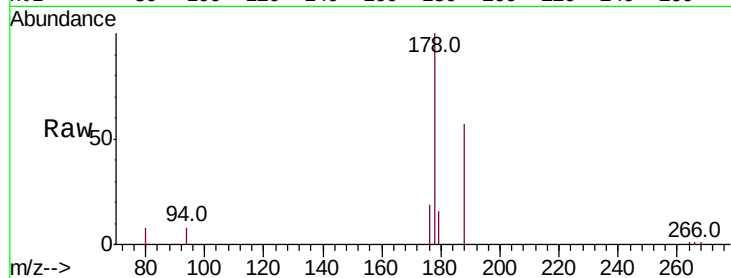
178 100

179 16.4 12.3 18.5

176 19.5 14.8 22.2

Manual Integrations
APPROVED

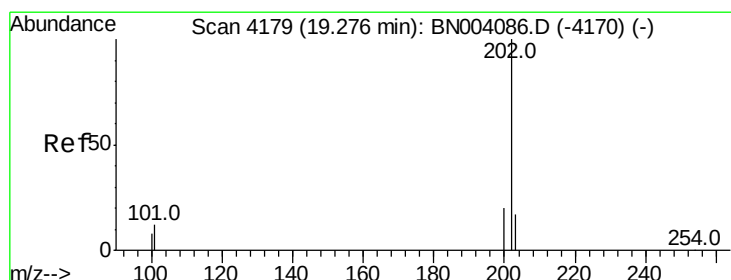
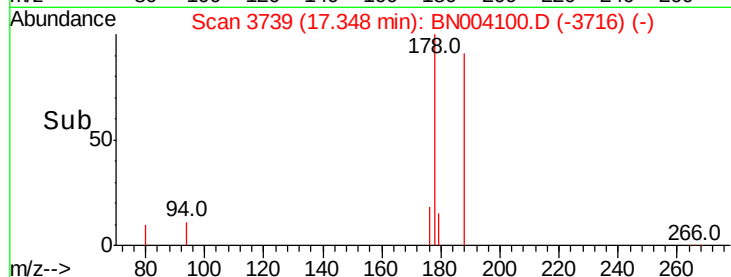
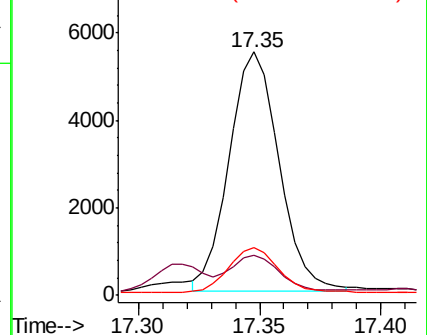
Sohil
12/19/2018 4:16:59 PM



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: 0.703 ng/ul m

RT: 19.27 min Scan# 4178

Delta R.T. -0.00 min

Lab File: BN004100.D

Acq: 19 Dec 2018 04:59

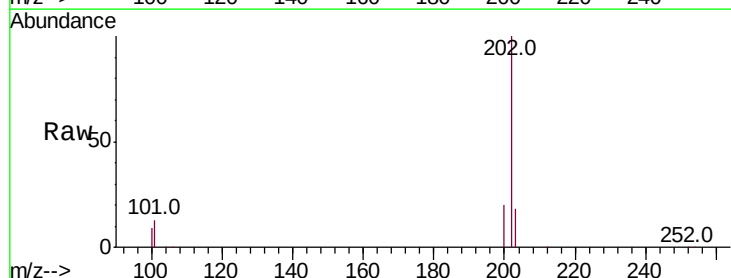
Tgt Ion:202 Resp: 38258

Ion Ratio Lower Upper

202 100

101 12.6 0.0 30.7

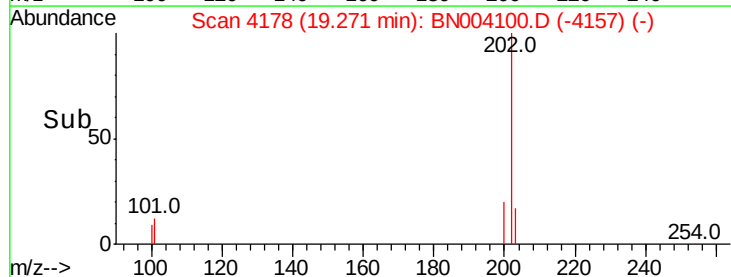
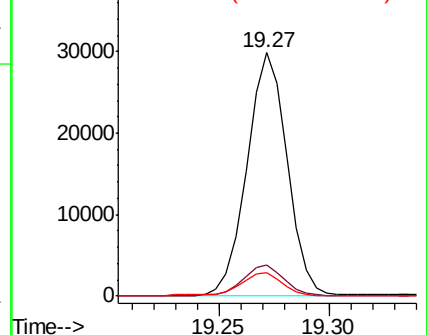
100 9.4 0.0 28.1

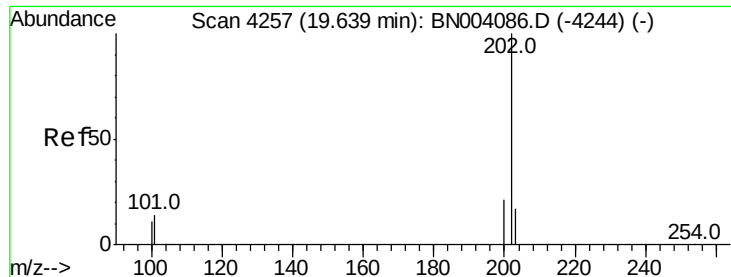


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 0.802 ng/ul m

RT: 19.64 min Scan# 4257

Delta R.T. -0.00 min

Lab File: BN004100.D

Acq: 19 Dec 2018 04:59

Instrument :

BNA_N

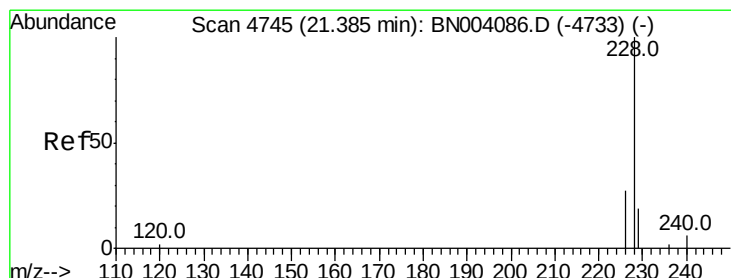
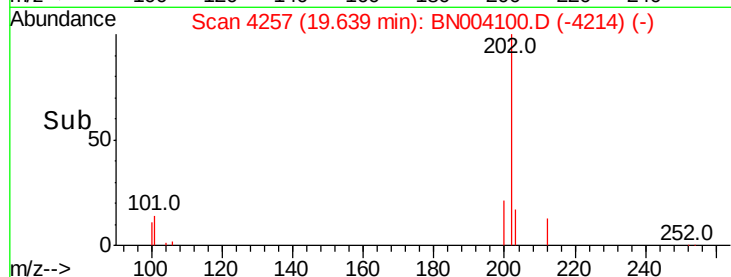
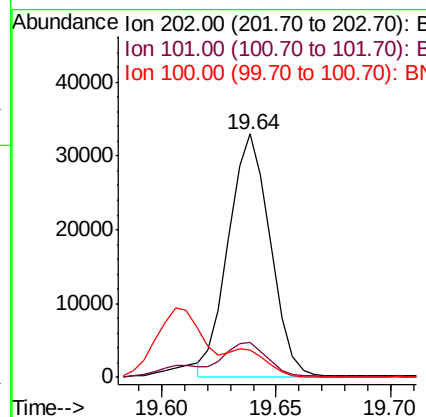
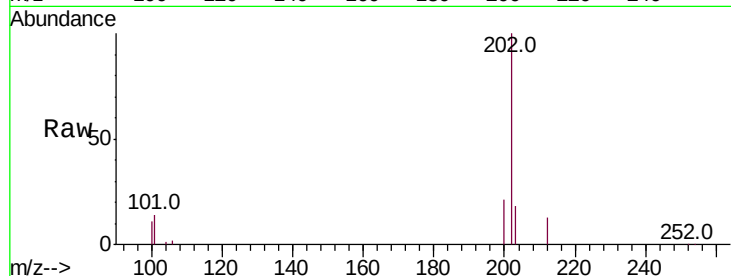
ClientSampleId :

F9E24

Tot Ion:	202	Resp:	41737
Ion Ratio	Lower	Upper	
202	100		
101	14.3	10.3	15.5
100	11.4	8.5	12.7

Manual Integrations
APPROVED

Sohil
12/19/2018 4:16:59 PM



#18

Benzo(a)anthracene

Concen: 0.619 ng/ul m

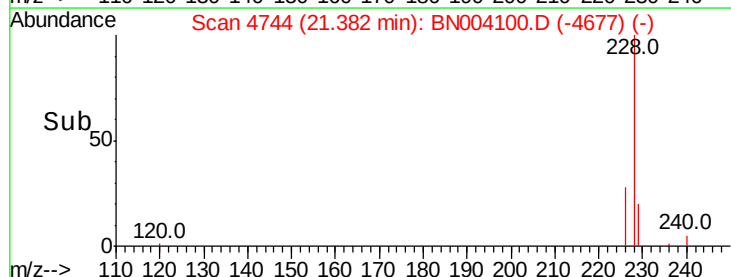
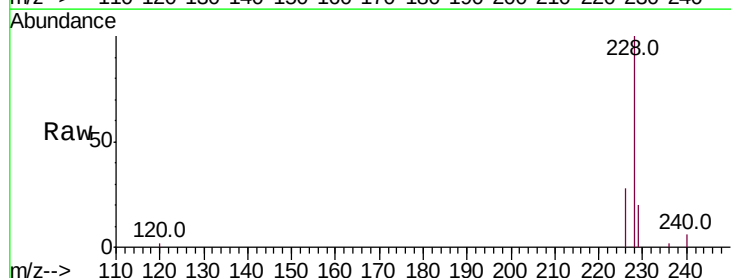
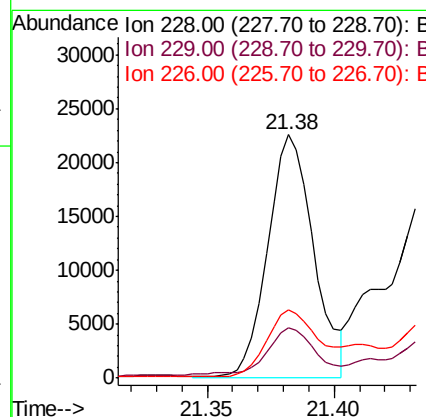
RT: 21.38 min Scan# 4744

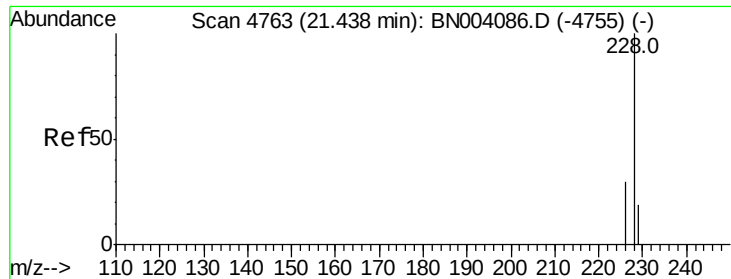
Delta R.T. -0.00 min

Lab File: BN004100.D

Acq: 19 Dec 2018 04:59

Tgt Ion:	228	Resp:	28365
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.6	23.4
226	28.2	21.1	31.7





#19

Chrysene

Concen: 0.562 ng/ul m

RT: 21.43 min Scan# 4762

Delta R.T. -0.00 min

Lab File: BN004100.D

Acq: 19 Dec 2018 04:59

Instrument :

BNA_N

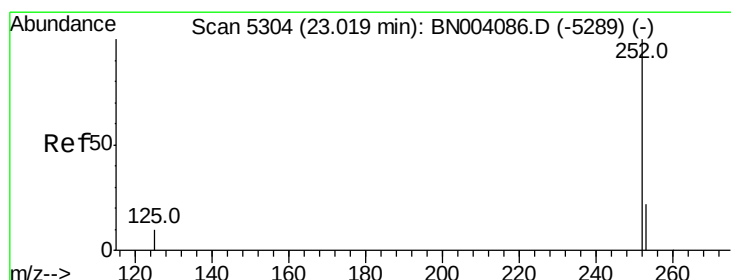
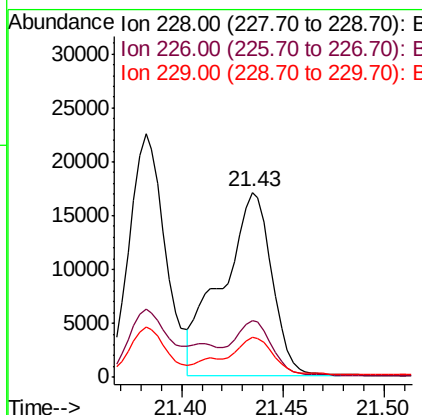
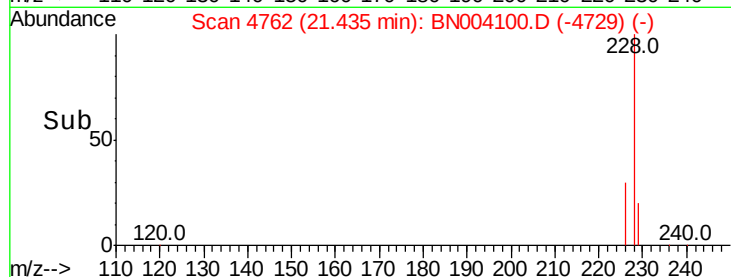
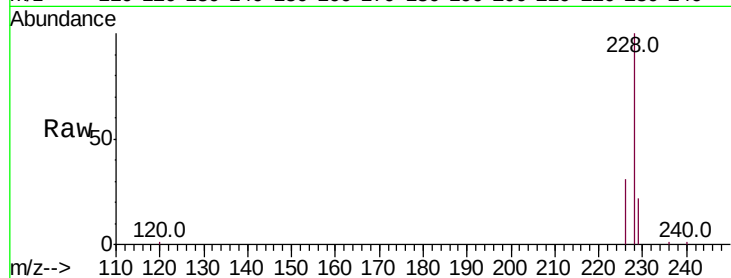
ClientSampleId :

F9E24

Tot Ion:	228	Resp:	29465
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.0	36.0
229	21.7	15.7	23.5

Manual Integrations
APPROVED

Sohil
12/19/2018 4:16:59 PM



#21

Benzo(b)fluoranthene

Concen: 0.982 ng/ul m

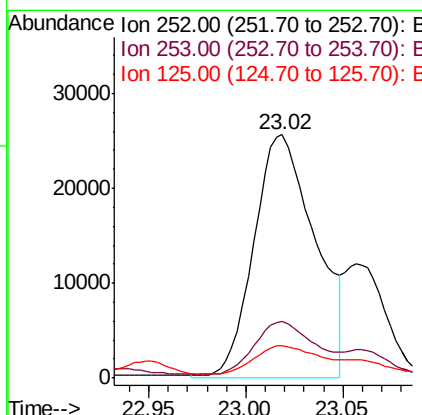
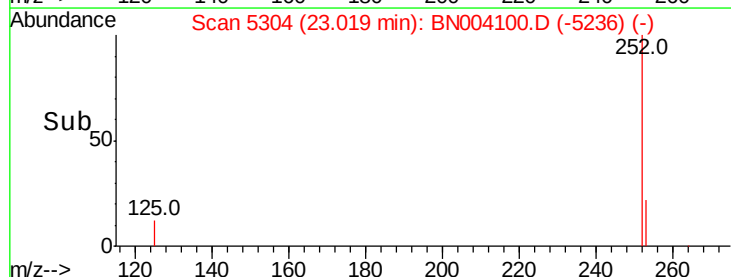
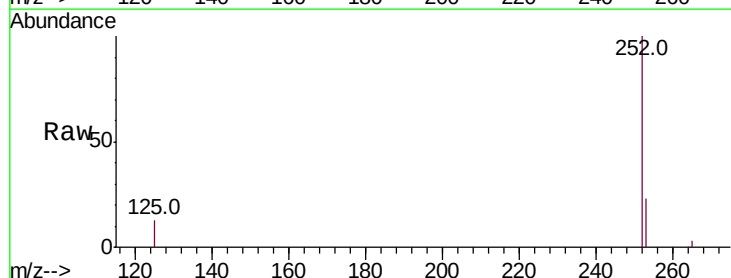
RT: 23.02 min Scan# 5304

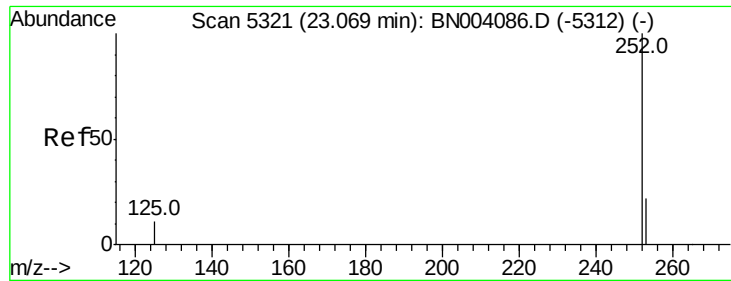
Delta R.T. -0.00 min

Lab File: BN004100.D

Acq: 19 Dec 2018 04:59

Tgt Ion:	252	Resp:	56119
Ion Ratio	Lower	Upper	
252	100		
253	23.3	0.0	46.0
125	13.2	0.0	22.4





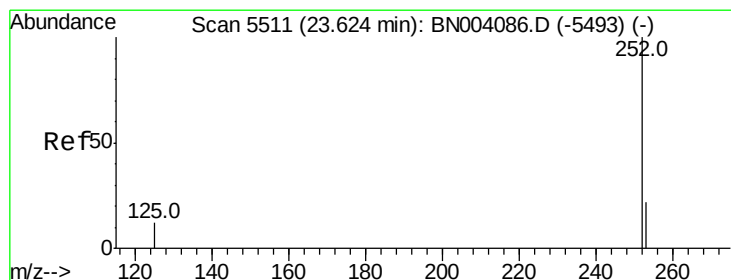
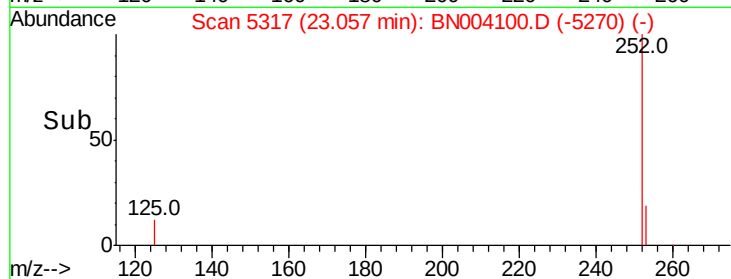
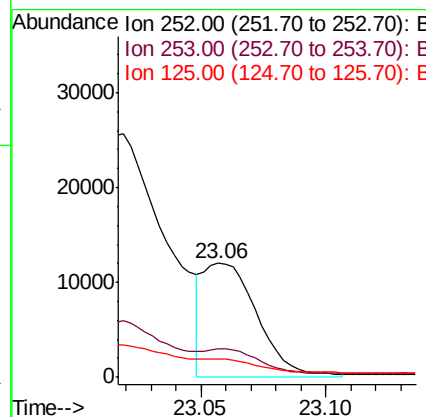
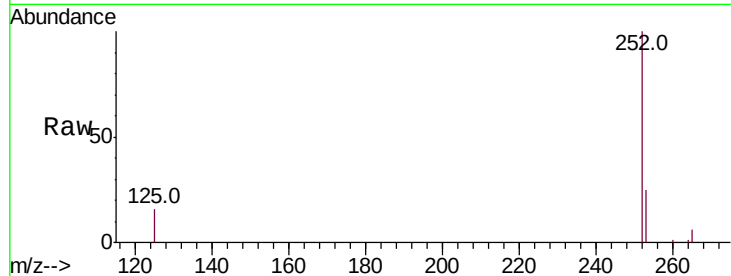
#22
Benzo(k)fluoranthene
Concen: 0.321 ng/ul m
RT: 23.06 min Scan# 5317
Delta R.T. -0.01 min
Lab File: BN004100.D
Acq: 19 Dec 2018 04:59

Instrument :
BNA_N
ClientSampled :
F9E24

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.5	27.7
125	16.1	9.0	13.6

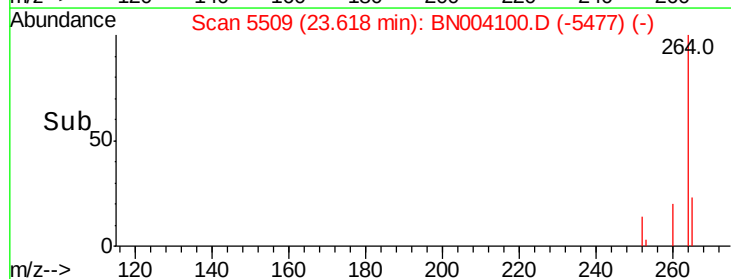
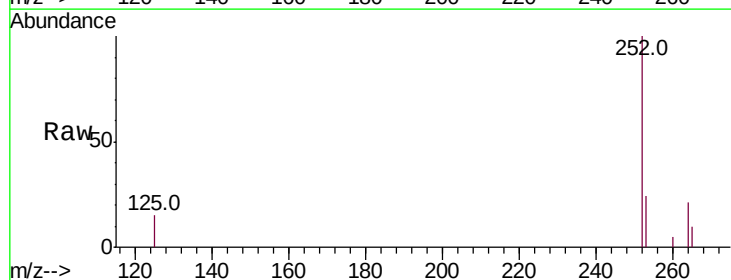
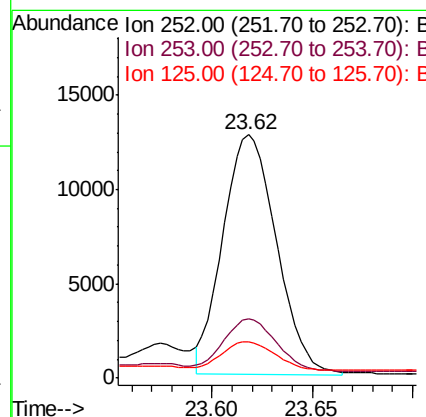
Manual Integrations
APPROVED

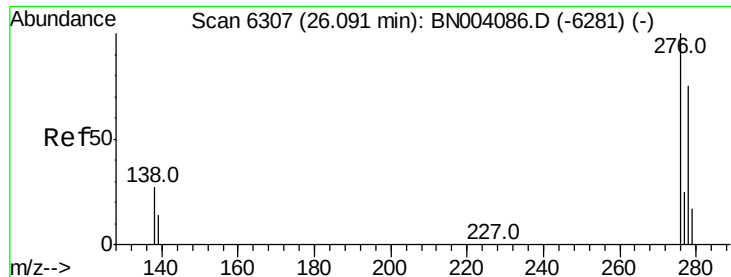
Sohil
12/19/2018 4:16:59 PM



#23
Benzo(a)pyrene
Concen: 0.479 ng/ul m
RT: 23.62 min Scan# 5509
Delta R.T. -0.01 min
Lab File: BN004100.D
Acq: 19 Dec 2018 04:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.0	28.4
125	15.1	10.2	15.4





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.393 ng/ul m

RT: 26.08 min Scan# 6304

Delta R.T. -0.01 min

Lab File: BN004100.D

Acq: 19 Dec 2018 04:59

Instrument :

BNA_N

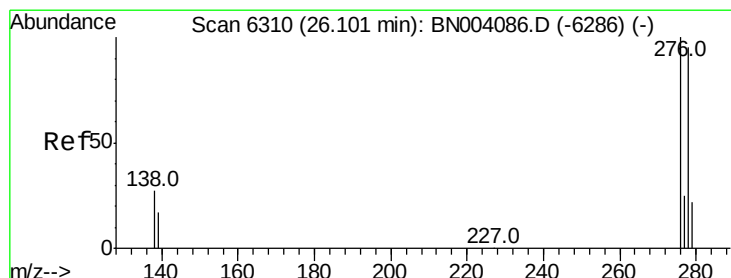
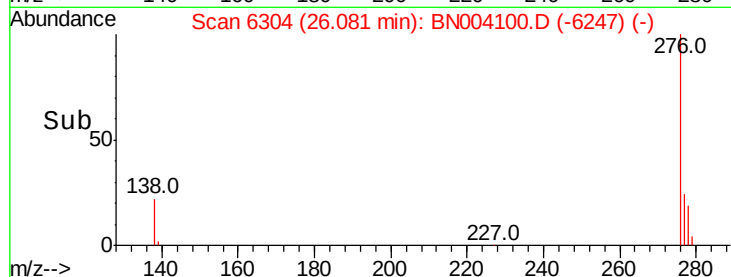
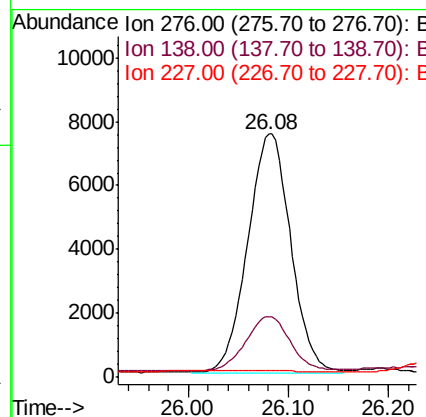
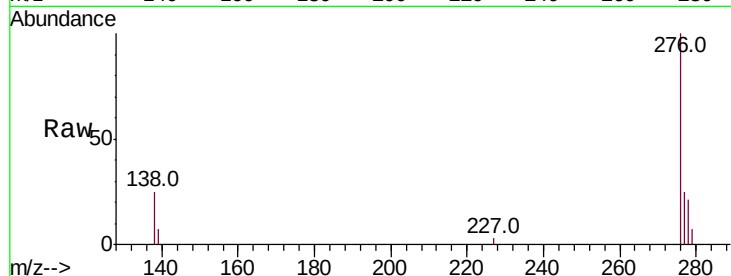
ClientSampleId :

F9E24

Tot Ion	Ratio	Lower	Upper
276	100		
138	1.5	20.3	30.5#
227	0.0	0.2	0.2#

Manual Integrations
APPROVED

Sohil
12/19/2018 4:16:59 PM



#25

Dibenzo(a,h)anthracene

Concen: 0.121 ng/ul m

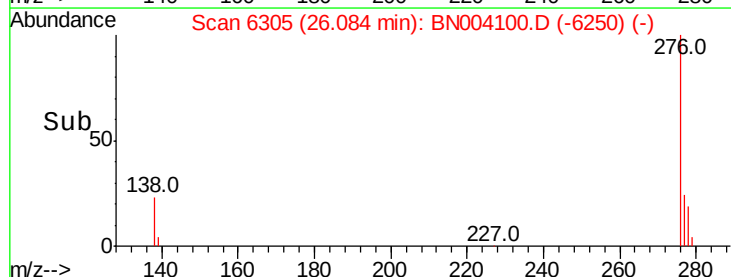
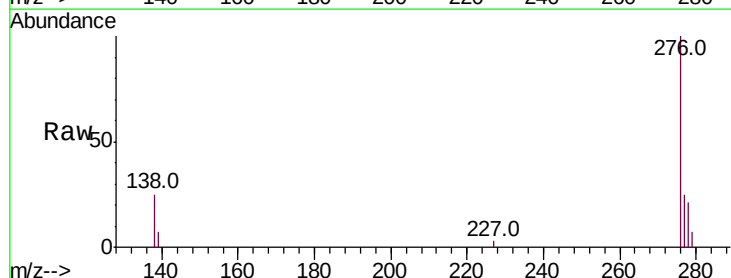
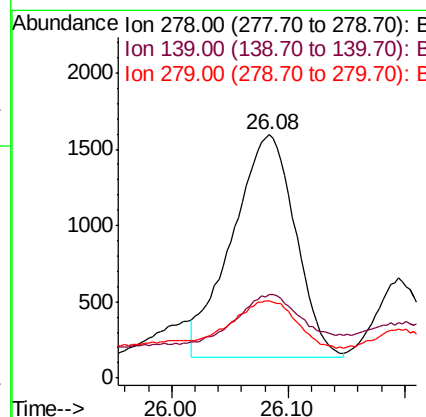
RT: 26.08 min Scan# 6305

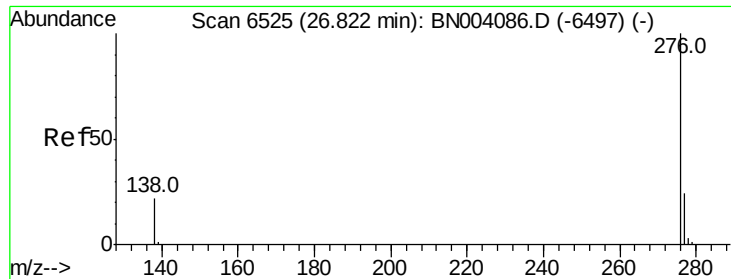
Delta R.T. -0.02 min

Lab File: BN004100.D

Acq: 19 Dec 2018 04:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	34.3	14.2	21.4#
279	31.6	19.8	29.6#





#26
 Benzo(a,h,i)perylene
 Concen: 0.332 ng/ul m
 RT: 26.81 min Scan# 6522
 Delta R.T. -0.01 min
 Lab File: BN004100.D
 Acq: 19 Dec 2018 04:59

Instrument :
 BNA_N
 ClientSampleId :
 F9E24

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.0	17.7	26.5#
277	25.8	19.3	28.9

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:16:59 PM

