

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121818\
 Data File : BN004093.D
 Acq On : 19 Dec 2018 00:54
 Operator : JU/SJ
 Sample : J6271-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E29

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:16:49 PM

Quant Time: Dec 19 04:46:14 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	2043	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9833	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5809	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	14219m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	14197m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	12555m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3048	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	8631m	0.21	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.19	152	2851	0.109	ng/ul	94
12) Phenanthrene	17.25	178	1784m	0.038	ng/ul	
13) Anthracene	17.35	178	2446m	0.064	ng/ul	
15) Fluoranthene	19.27	202	11313m	0.205	ng/ul	
17) Pyrene	19.64	202	12555m	0.247	ng/ul	
18) Benzo(a)anthracene	21.38	228	8473	0.189	ng/ul	94
19) Chrysene	21.43	228	9001m	0.175	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	16951m	0.326	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	6055m	0.120	ng/ul	
23) Benzo(a)pyrene	23.62	252	7603	0.169	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.08	276	7204	0.140	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.08	278	1859m	0.045	ng/ul	
26) Benzo(g,h,i)perylene	26.81	276	5754	0.128	ng/ul#	83

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

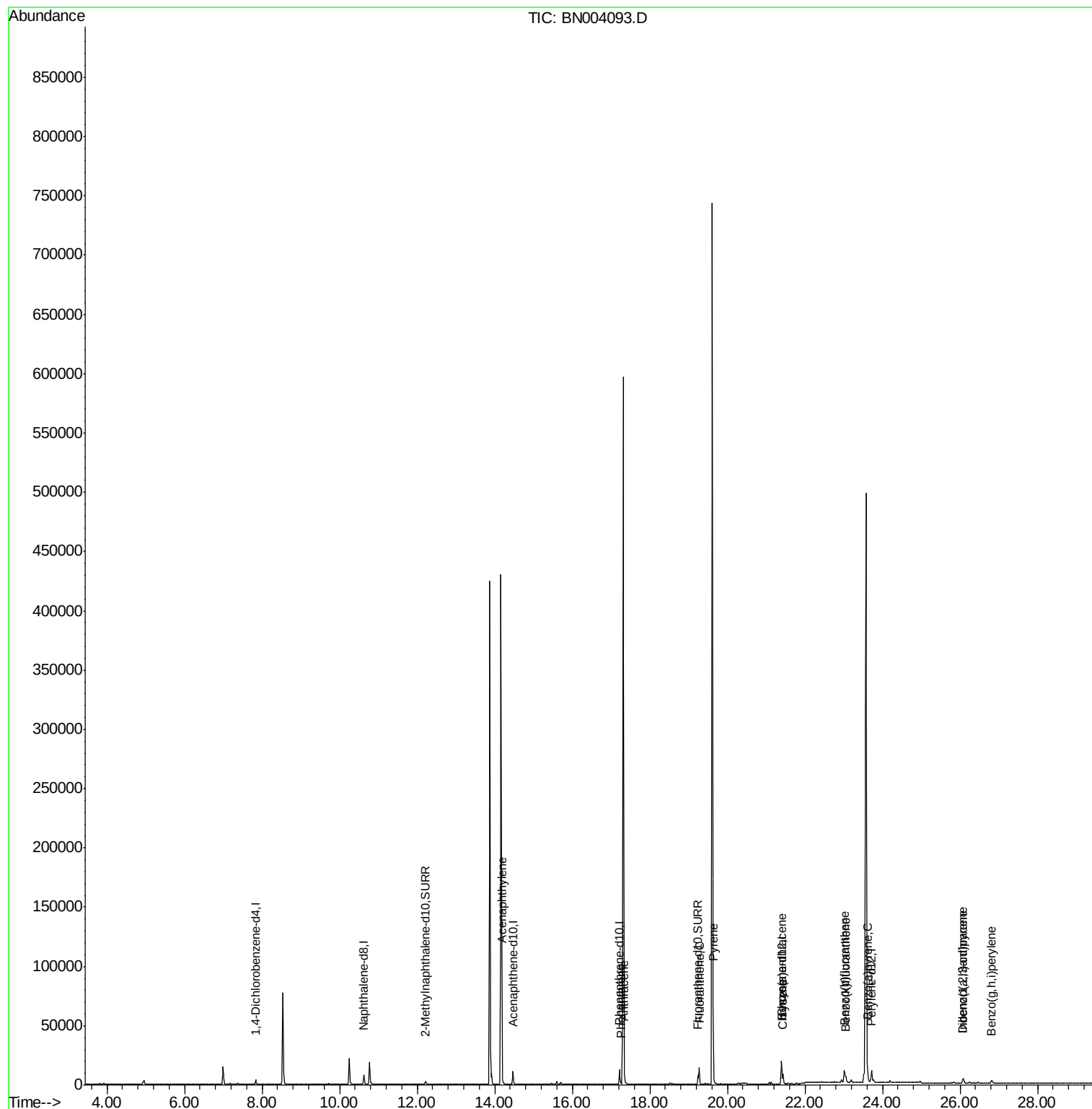
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121818\
Data File : BN004093.D
Acq On : 19 Dec 2018 00:54
Operator : JU/SJ
Sample : J6271-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

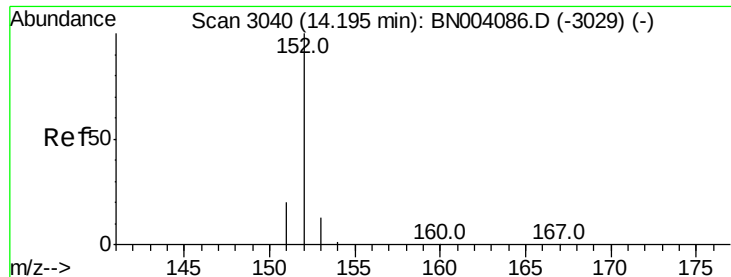
Instrument :
BNA_N
ClientSampleId :
F9E29

Manual Integrations
APPROVED

Sohil
12/19/2018 4:16:49 PM

Quant Time: Dec 19 04:46:14 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





#7

Acenaphthylene

Concen: 0.109 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BN004093.D

Acq: 19 Dec 2018 00:54

Instrument :

BNA_N

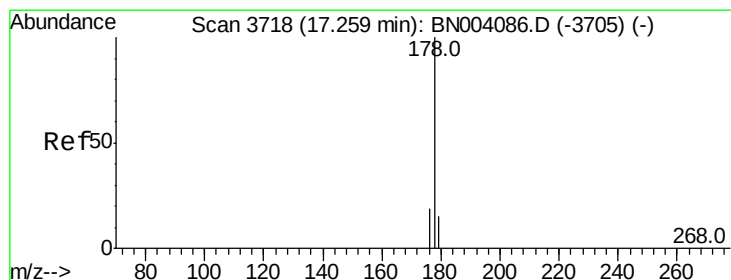
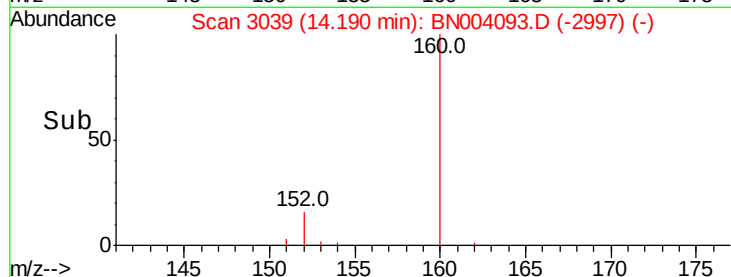
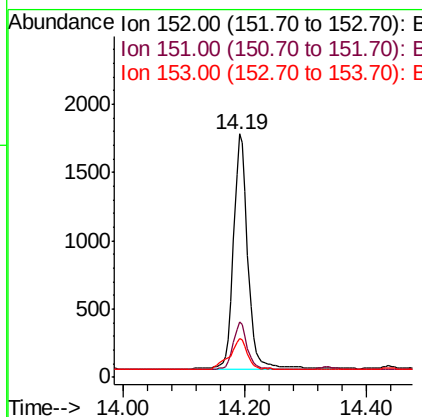
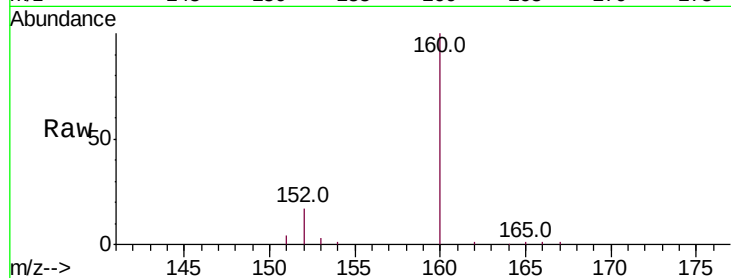
ClientSampleId :

F9E29

Tot Ion:	152	Resp:	2851
Ion Ratio	Lower	Upper	
152	100		
151	22.5	15.9	23.9
153	16.0	10.7	16.1

Manual Integrations
APPROVED

Sohil
12/19/2018 4:16:49 PM



#12

Phenanthrene

Concen: 0.038 ng/ul m

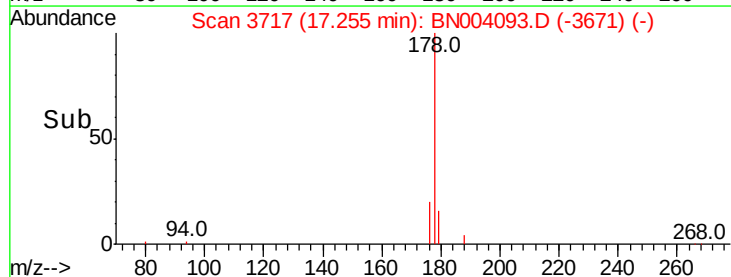
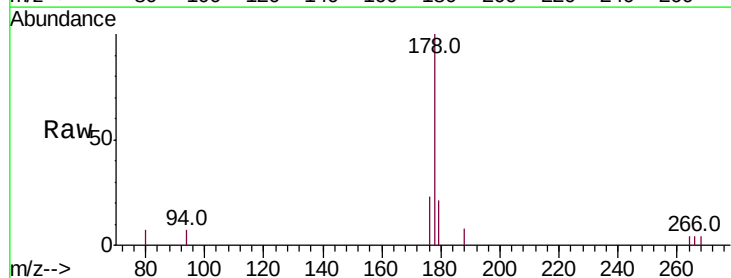
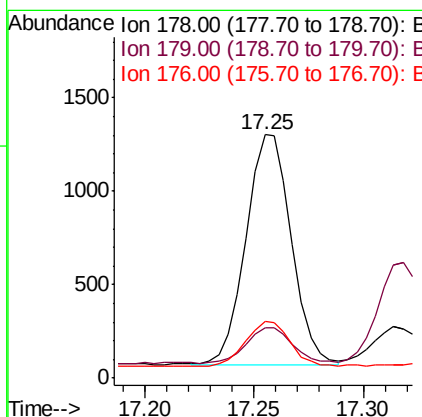
RT: 17.25 min Scan# 3717

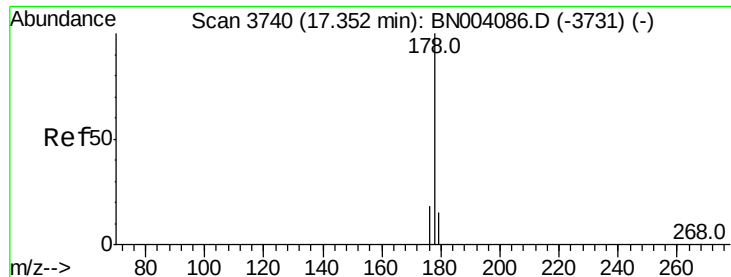
Delta R.T. -0.00 min

Lab File: BN004093.D

Acq: 19 Dec 2018 00:54

Tgt Ion:	178	Resp:	1784
Ion Ratio	Lower	Upper	
178	100		
179	20.6	12.5	18.7#
176	23.3	15.0	22.4#





#13

Anthracene

Concen: 0.064 ng/ul m

RT: 17.35 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BN004093.D

Acq: 19 Dec 2018 00:54

Instrument :

BNA_N

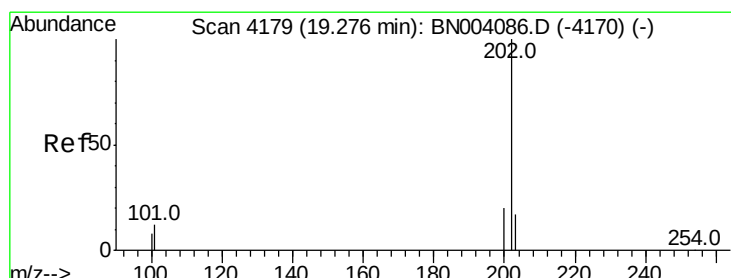
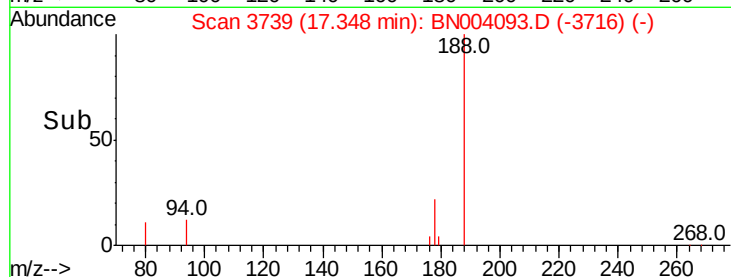
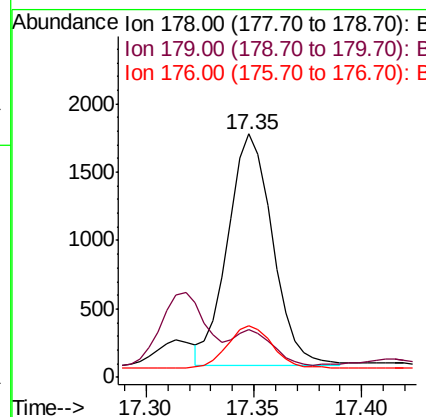
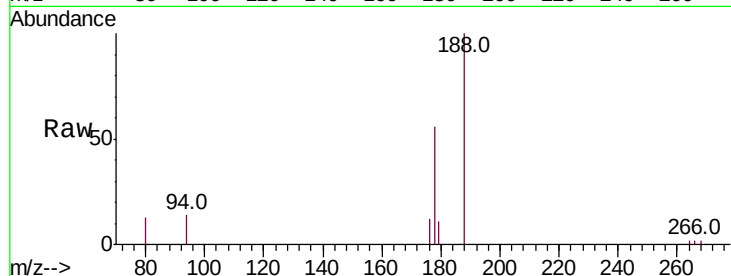
ClientSampleId :

F9E29

Tot Ion:	178	Resp:	2446
Ion Ratio	Lower	Upper	
178	100		
179	19.7	12.3	18.5#
176	21.2	14.8	22.2

Manual Integrations
APPROVED

Sohil
12/19/2018 4:16:49 PM



#15

Fluoranthene

Concen: 0.205 ng/ul m

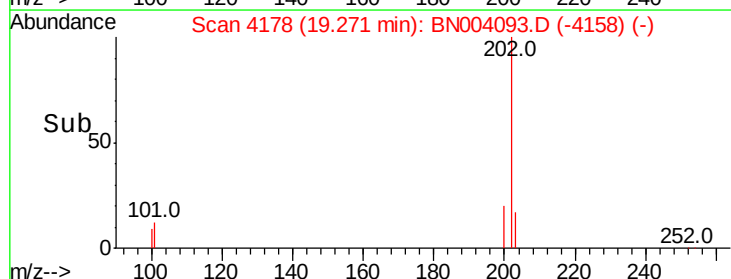
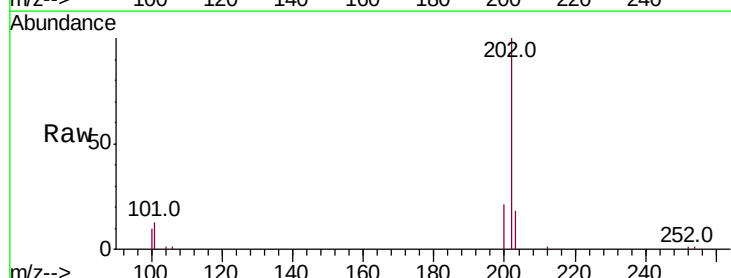
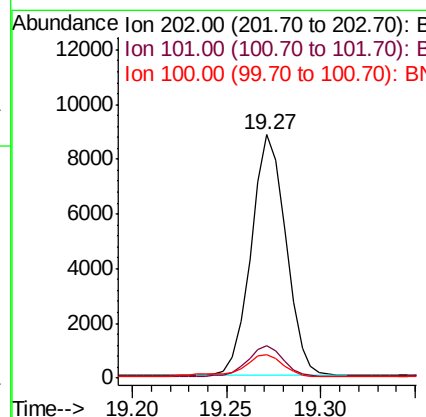
RT: 19.27 min Scan# 4178

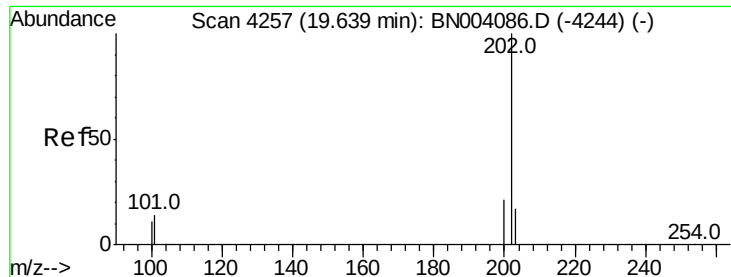
Delta R.T. -0.00 min

Lab File: BN004093.D

Acq: 19 Dec 2018 00:54

Tgt Ion:	202	Resp:	11313
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	30.7
100	9.7	0.0	28.1





#17

Pvrene

Concen: 0.247 ng/ul m

RT: 19.64 min Scan# 4257

Delta R.T. -0.00 min

Lab File: BN004093.D

Acq: 19 Dec 2018 00:54

Instrument :

BNA_N

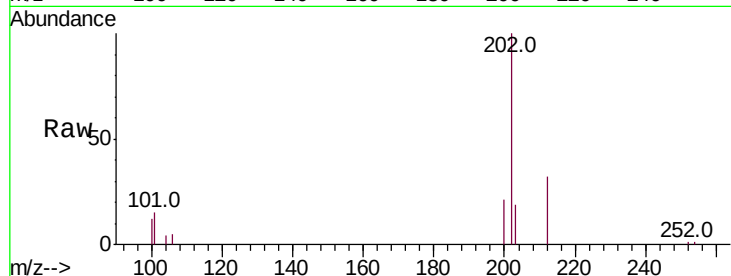
ClientSampled :

F9E29

Tot Ion:	202	Resp:	12555
Ion Ratio	Lower	Upper	
202	100		
101	14.6	10.3	15.5
100	11.7	8.5	12.7

Manual Integrations
APPROVED

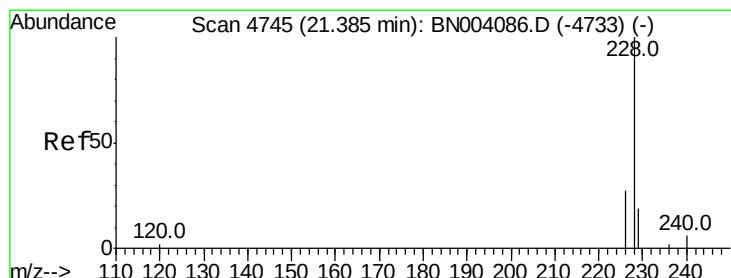
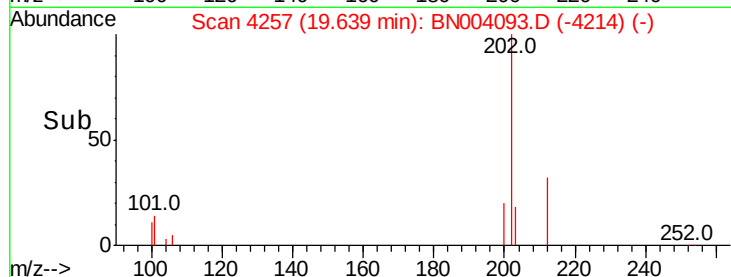
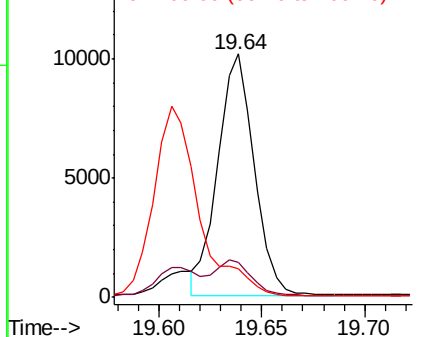
Sohil
12/19/2018 4:16:49 PM



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



#18

Benzo(a)anthracene

Concen: 0.189 ng/ul

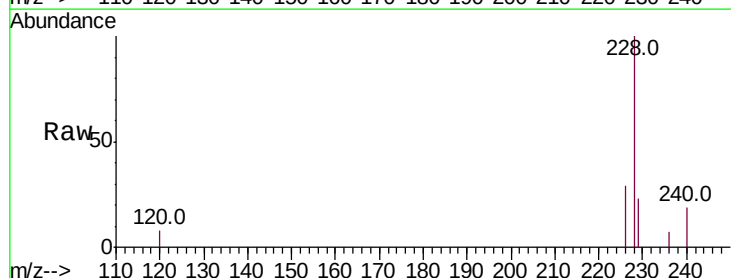
RT: 21.38 min Scan# 4744

Delta R.T. -0.00 min

Lab File: BN004093.D

Acq: 19 Dec 2018 00:54

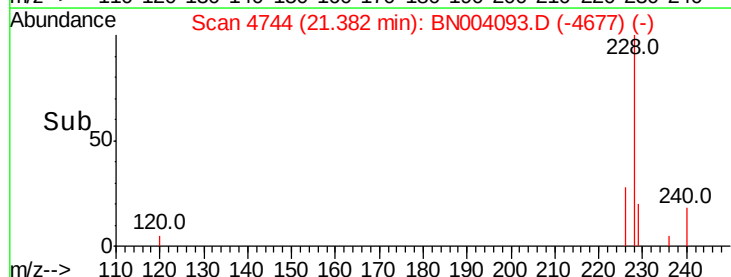
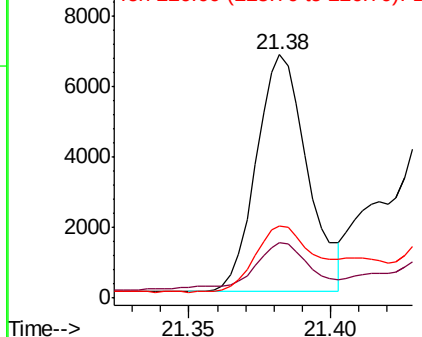
Tgt Ion:	228	Resp:	8473
Ion Ratio	Lower	Upper	
228	100		
229	22.5	15.6	23.4
226	29.5	21.1	31.7

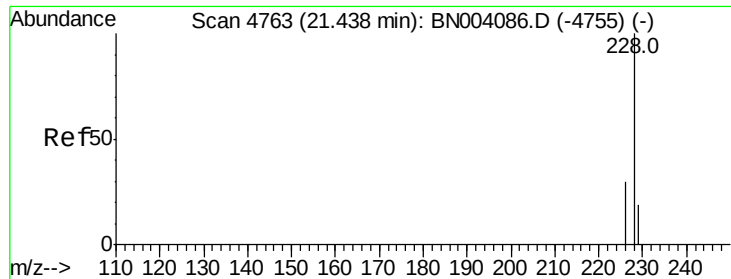


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





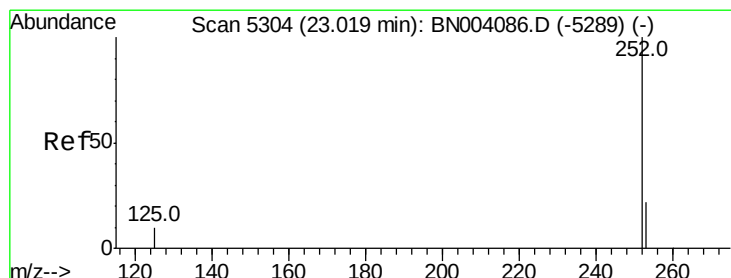
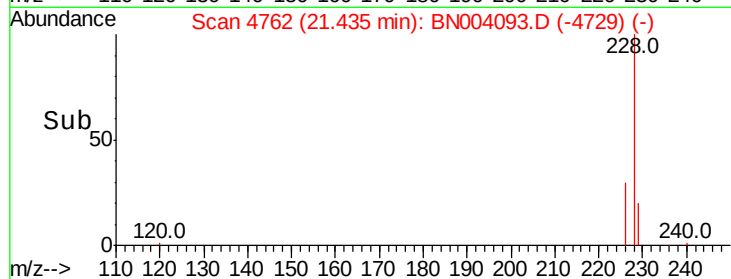
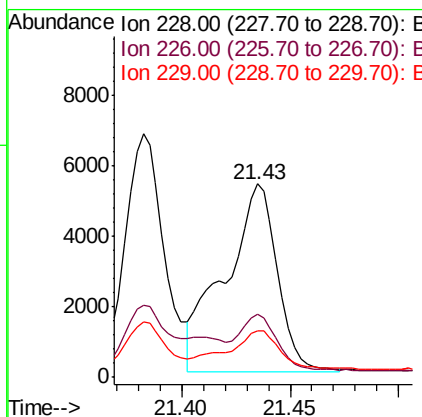
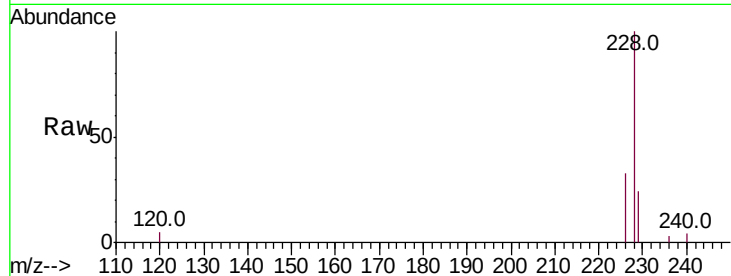
#19
Chrysene
Concen: 0.175 ng/ul m
RT: 21.43 min Scan# 4762
Delta R.T. -0.00 min
Lab File: BN004093.D
Acq: 19 Dec 2018 00:54

Instrument :
BNA_N
ClientSampleId :
F9E29

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.0	36.0
229	24.2	15.7	23.5

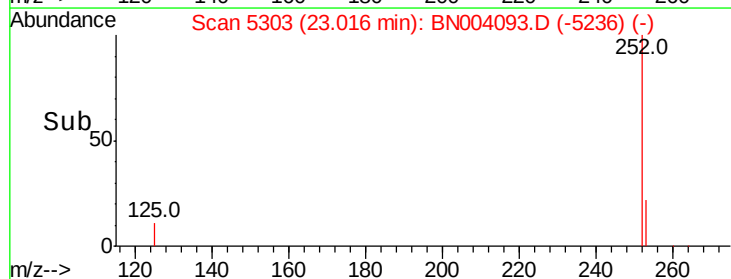
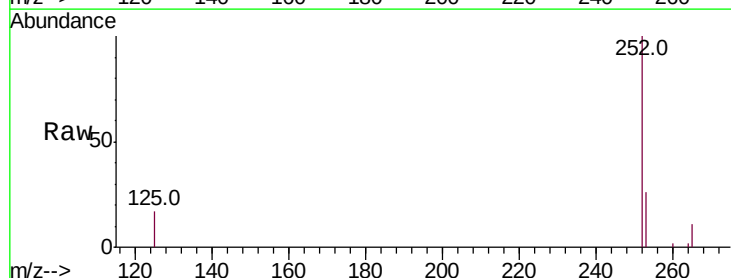
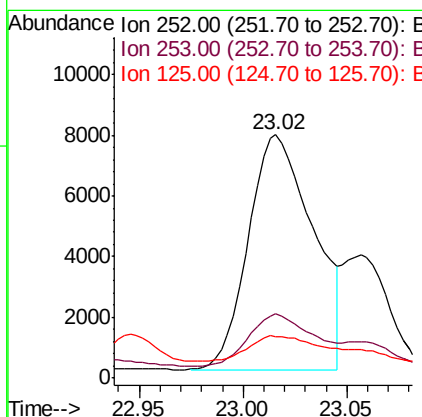
Manual Integrations
APPROVED

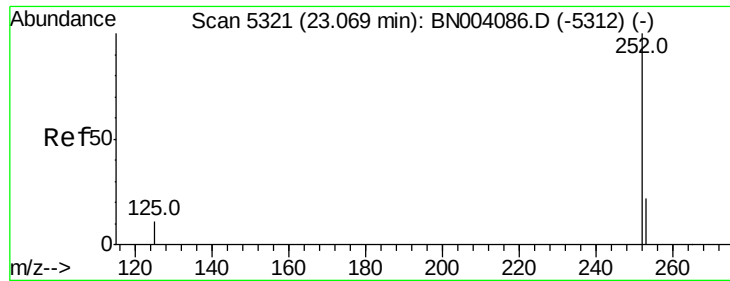
Sohil
12/19/2018 4:16:49 PM



#21
Benzo(b)fluoranthene
Concen: 0.326 ng/ul m
RT: 23.02 min Scan# 5303
Delta R.T. -0.00 min
Lab File: BN004093.D
Acq: 19 Dec 2018 00:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	0.0	46.0
125	17.2	0.0	22.4





#22

Benzo(k)fluoranthene

Concen: 0.120 ng/ul m

RT: 23.06 min Scan# 5317

Delta R.T. -0.01 min

Lab File: BN004093.D

Acq: 19 Dec 2018 00:54

Instrument :

BNA_N

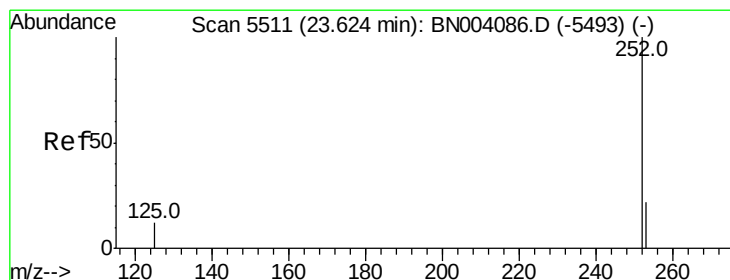
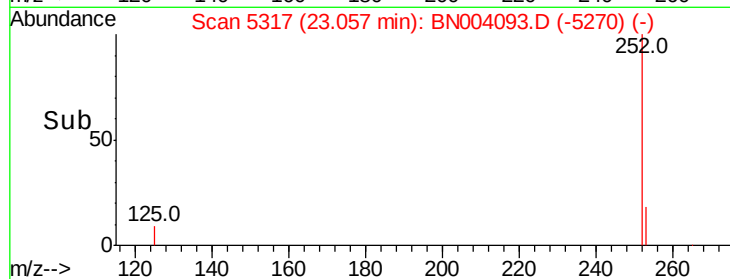
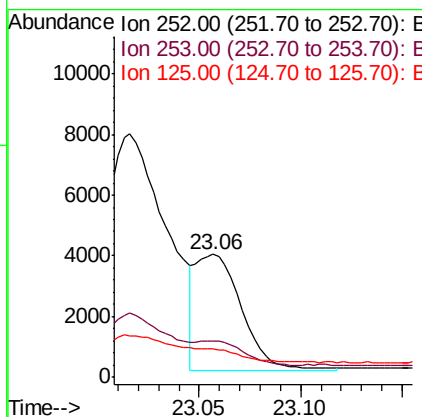
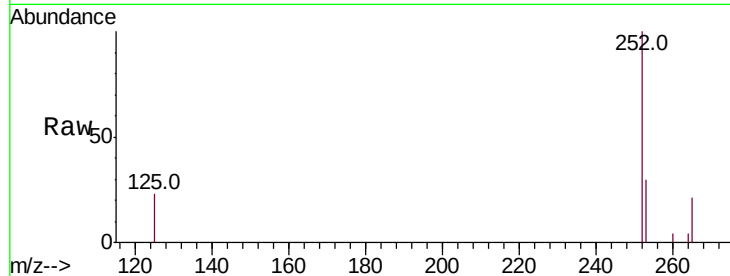
ClientSampleId :

F9E29

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.0	18.5	27.7#
125	22.9	9.0	13.6#

Manual Integrations
APPROVED

Sohil
12/19/2018 4:16:49 PM



#23

Benzo(a)pyrene

Concen: 0.169 ng/ul

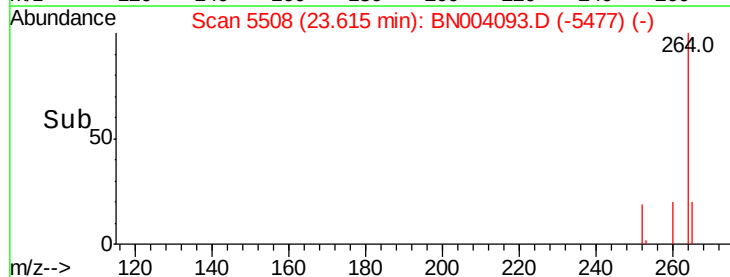
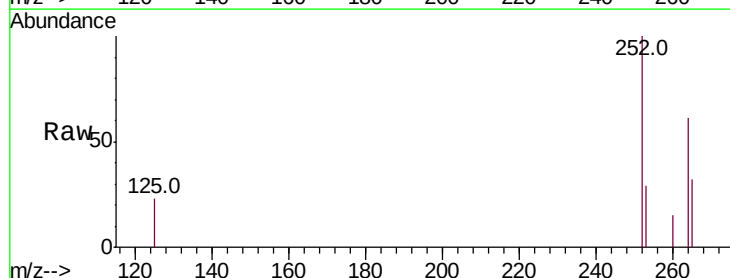
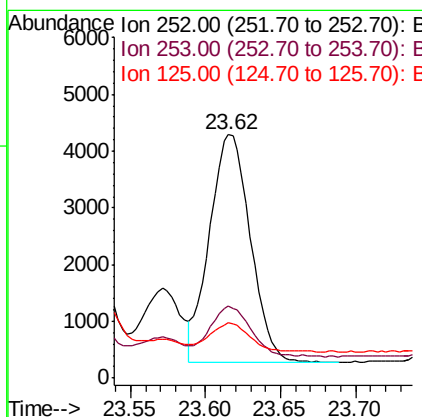
RT: 23.62 min Scan# 5508

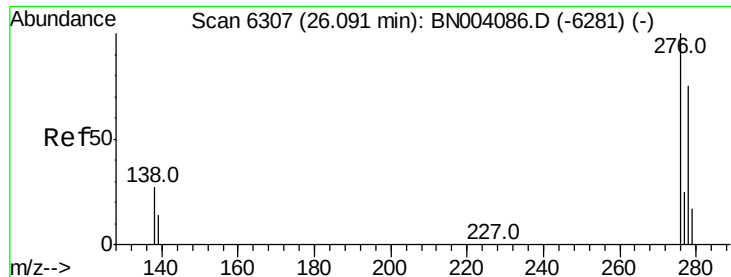
Delta R.T. -0.01 min

Lab File: BN004093.D

Acq: 19 Dec 2018 00:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.5	19.0	28.4#
125	22.8	10.2	15.4#





#24

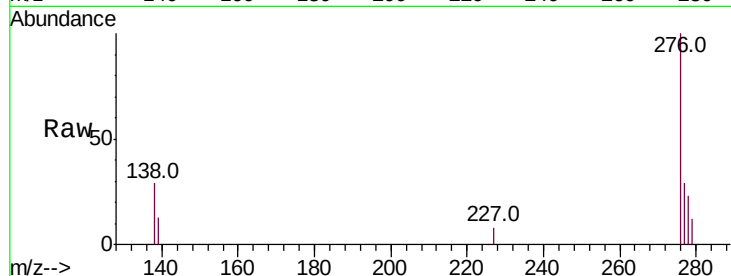
Indeno(1,2,3-cd)pyrene
Concen: 0.140 ng/ul
RT: 26.08 min Scan# 6303
Delta R.T. -0.01 min
Lab File: BN004093.D
Acq: 19 Dec 2018 00:54

Instrument :
BNA_N
ClientSampleId :
F9E29

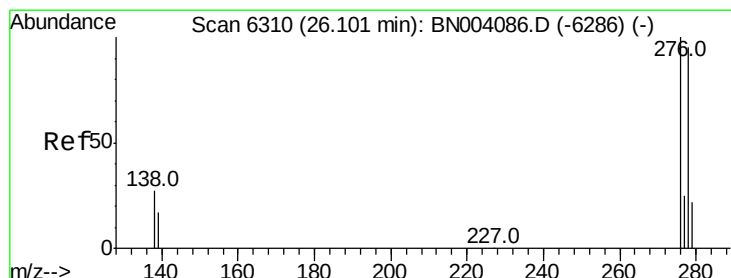
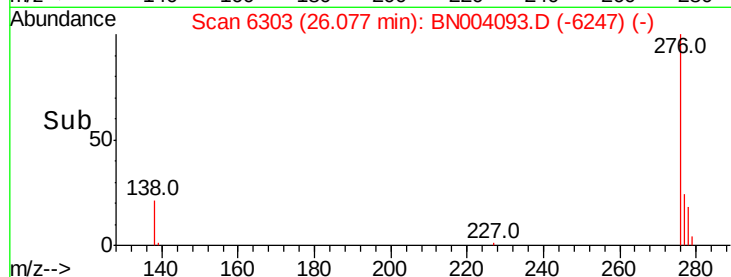
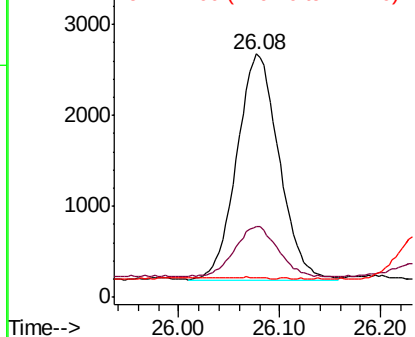
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.1	20.3	30.5
227	0.0	0.2	0.2#

Manual Integrations
APPROVED

Sohil
12/19/2018 4:16:49 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

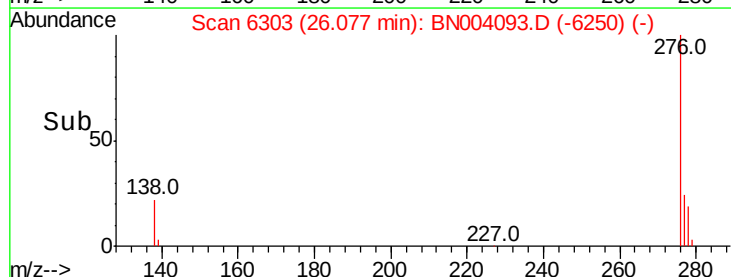
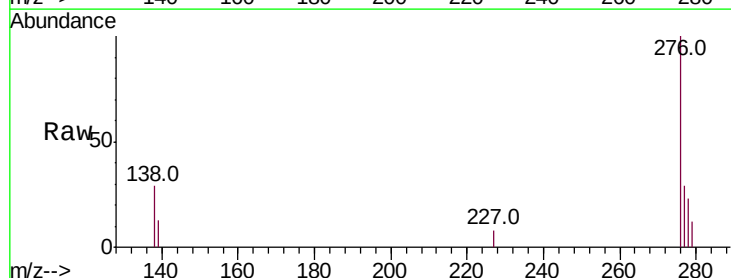
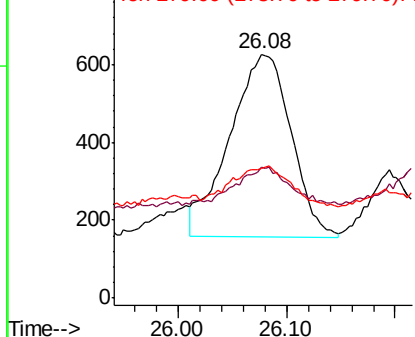


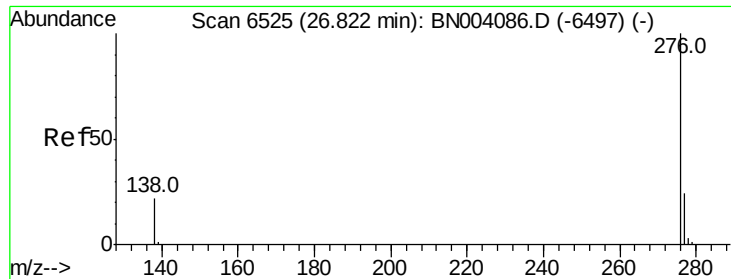
#25

Dibenzo(a,h)anthracene
Concen: 0.045 ng/ul m
RT: 26.08 min Scan# 6303
Delta R.T. -0.02 min
Lab File: BN004093.D
Acq: 19 Dec 2018 00:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	53.7	14.2	21.4#
279	53.4	19.8	29.6#

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: 0.128 ng/ul
 RT: 26.81 min Scan# 6522
 Delta R.T. -0.01 min
 Lab File: BN004093.D
 Acq: 19 Dec 2018 00:54

Instrument :
 BNA_N
 ClientSampleId :
 F9E29

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.5	17.7	26.5#
277	30.4	19.3	28.9#

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:16:49 PM

