

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
 Data File : BN004049.D
 Acq On : 17 Dec 2018 23:07
 Operator : JU/SJ
 Sample : J6236-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F19

Manual Integrations
 APPROVED

Sohil
 12/18/2018 5:56:29 PM

Quant Time: Dec 18 06:21:17 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 : Tue Dec 18 04:29:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1445	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7731	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5129	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	13211m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	15022m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	12994m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3878	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	13465m	0.35	ng/ul	0.00
Target Compounds				Qvalue		
7) Acenaphthylene	14.20	152	846	0.037	ng/ul#	74
12) Phenanthrene	17.26	178	1201m	0.028	ng/ul	
15) Fluoranthene	19.27	202	2128m	0.042	ng/ul	
17) Pyrene	19.64	202	2336	0.043	ng/ul#	86
18) Benzo(a)anthracene	21.39	228	1903	0.040	ng/ul#	82
19) Chrysene	21.44	228	2204	0.041	ng/ul#	83
21) Benzo(b)fluoranthene	23.02	252	3266m	0.061	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	1123m	0.021	ng/ul	
23) Benzo(a)pyrene	23.62	252	1677	0.036	ng/ul#	41
24) Indeno(1,2,3-cd)pyrene	26.09	276	1405	0.026	ng/ul#	99
26) Benzo(g,h,i)perylene	26.82	276	1080	0.023	ng/ul#	48

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

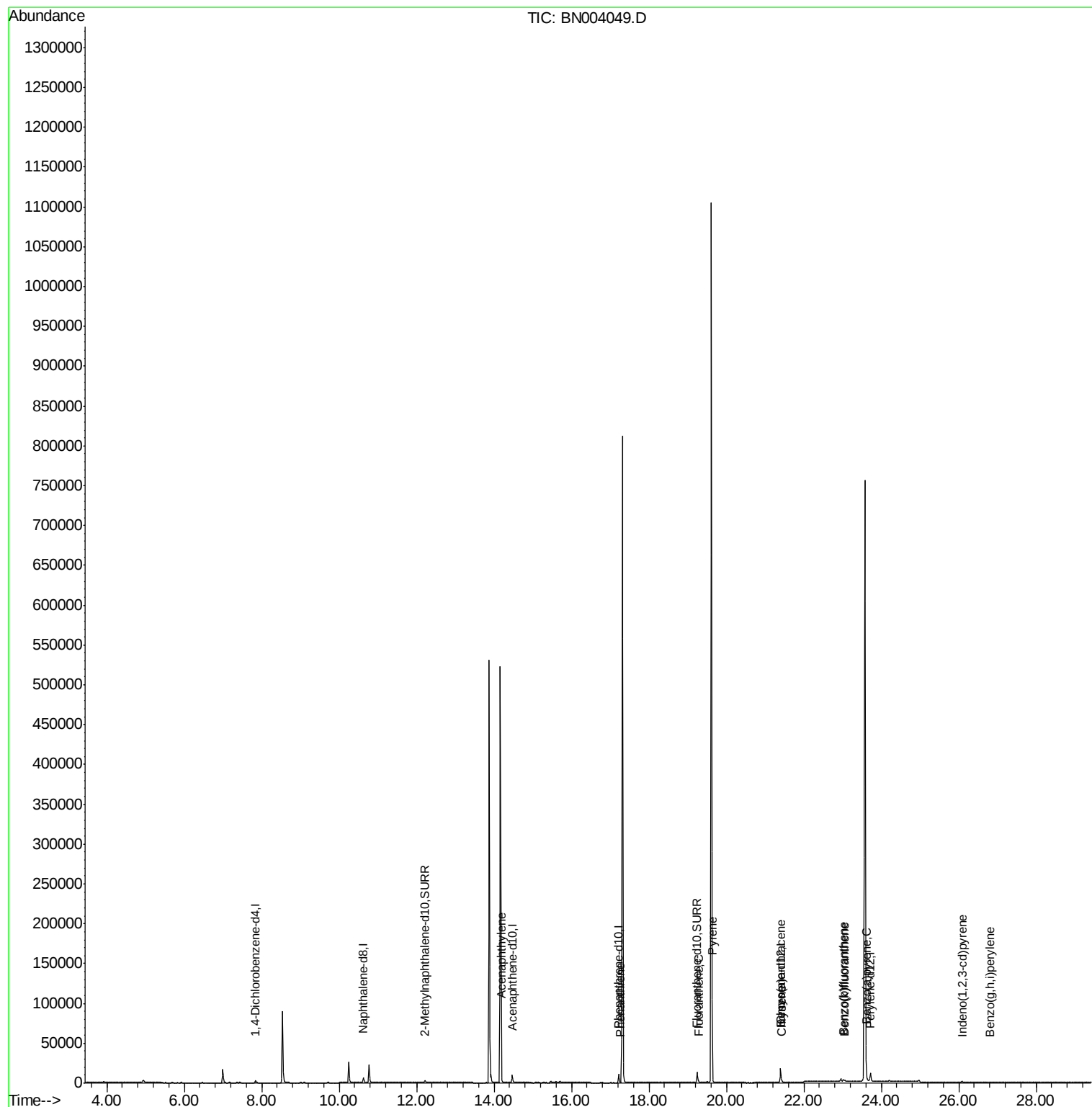
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Data File : BN004049.D
Acq On : 17 Dec 2018 23:07
Operator : JU/SJ
Sample : J6236-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

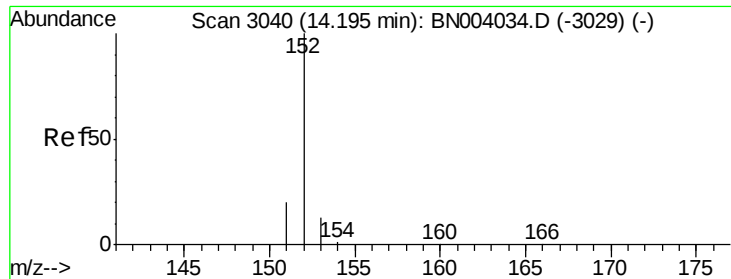
Instrument :
BNA_N
ClientSampleId :
F9F19

Quant Time: Dec 18 06:21:17 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 : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
12/18/2018 5:56:29 PM





#7

Acenaphthylene

Concen: 0.037 ng/ul

RT: 14.20 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BN004049.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_N

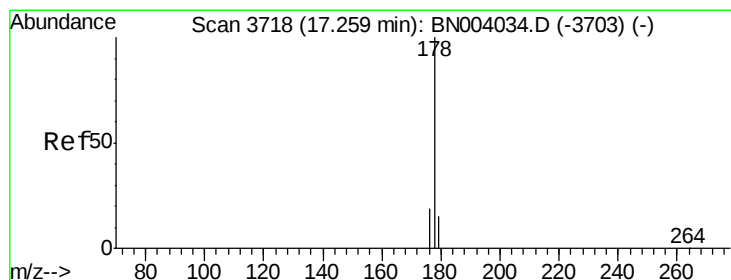
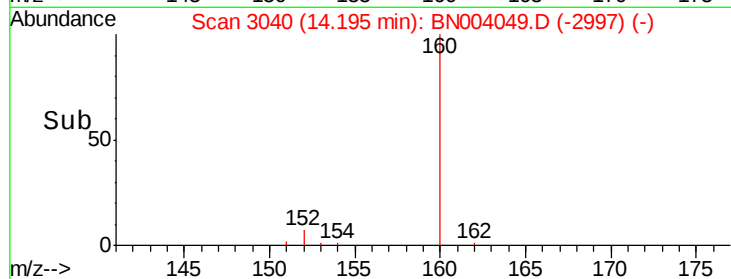
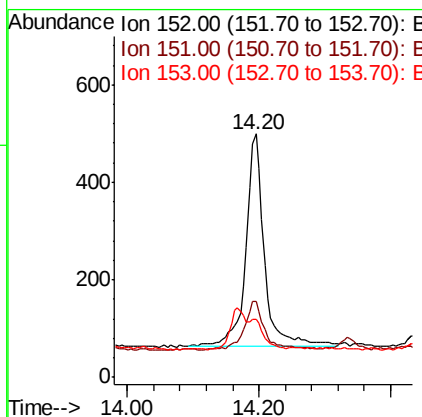
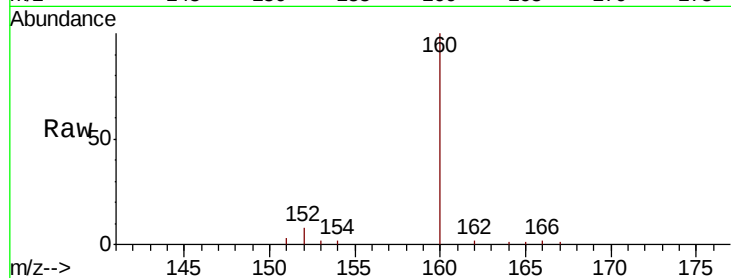
ClientSampled :

F9F19

Tgt Ion:	152	Resp:	846
Ion Ratio	Lower	Upper	
152	100		
151	31.5	15.9	23.9#
153	24.0	10.7	16.1#

Manual Integrations
APPROVED

Sohil
12/18/2018 5:56:29 PM



#12

Phenanthrene

Concen: 0.028 ng/ul m

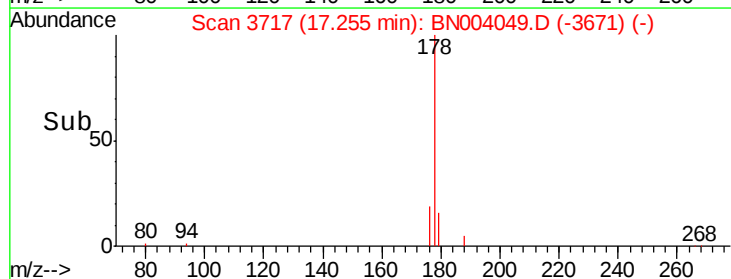
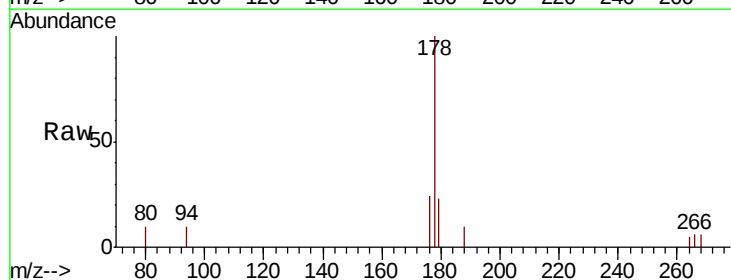
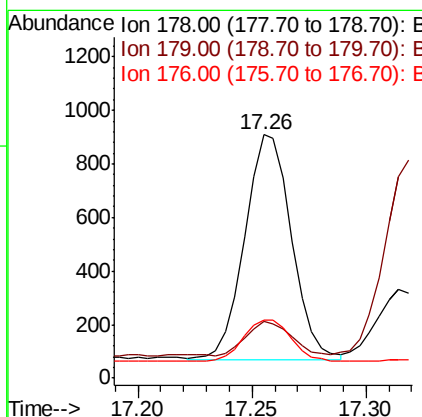
RT: 17.26 min Scan# 3717

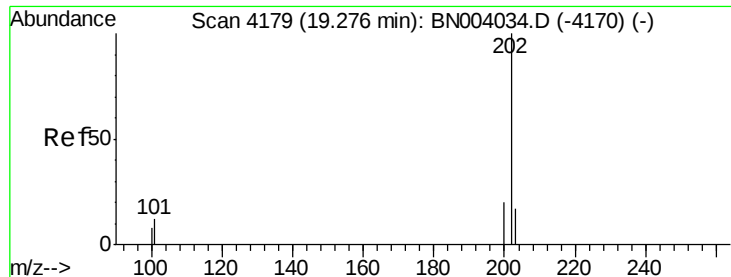
Delta R.T. -0.00 min

Lab File: BN004049.D

Acq: 17 Dec 2018 23:07

Tgt Ion:	178	Resp:	1201
Ion Ratio	Lower	Upper	
178	100		
179	23.1	12.5	18.7#
176	24.1	15.0	22.4#





#15

Fluoranthene

Concen: 0.042 ng/ul m

RT: 19.27 min Scan# 4178

Delta R.T. -0.00 min

Lab File: BN004049.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_N

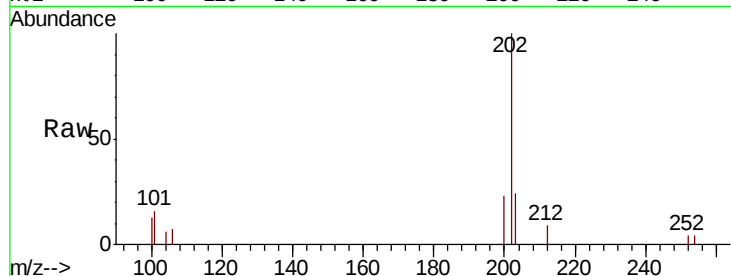
ClientSampleId :

F9F19

Tgt Ion:	202	Resp:	2128
Ion Ratio	Lower	Upper	
202	100		
101	16.3	0.0	30.7
100	12.7	0.0	28.1

Manual Integrations
APPROVED

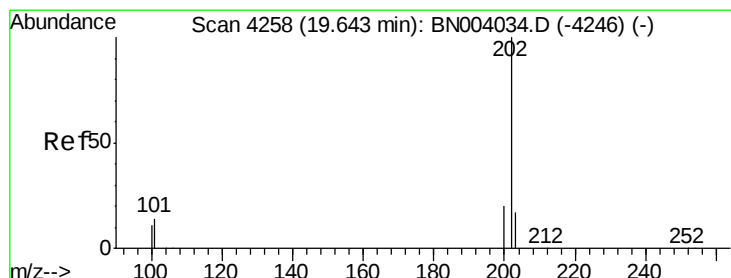
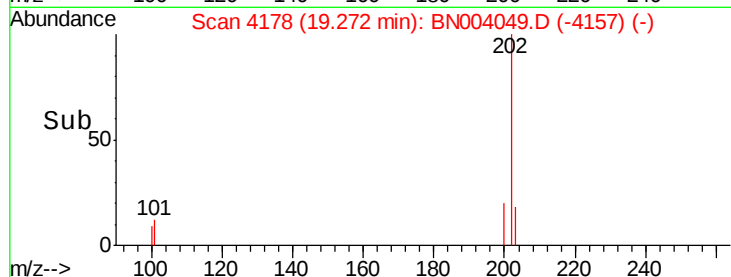
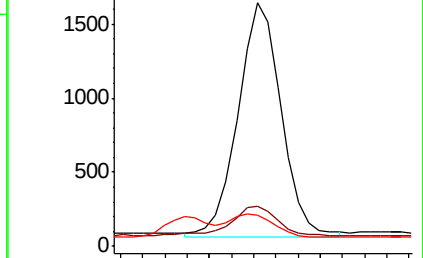
Sohil
12/18/2018 5:56:29 PM



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: 0.043 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. -0.00 min

Lab File: BN004049.D

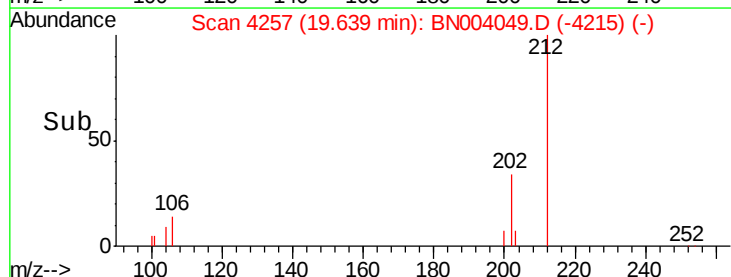
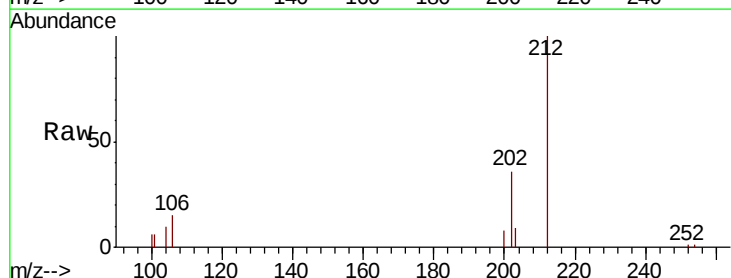
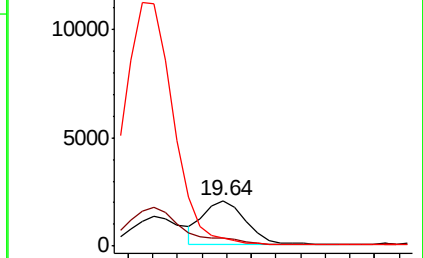
Acq: 17 Dec 2018 23:07

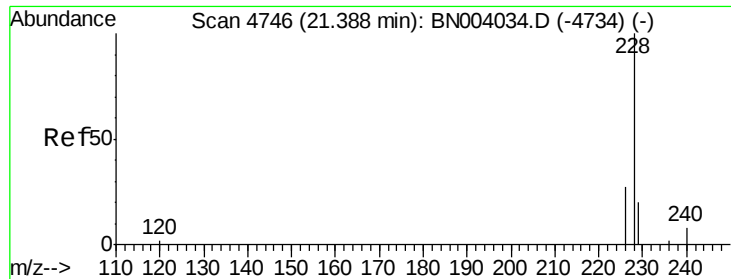
Tgt Ion:	202	Resp:	2336
Ion Ratio	Lower	Upper	
202	100		
101	17.9	10.3	15.5#
100	16.5	8.5	12.7#

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





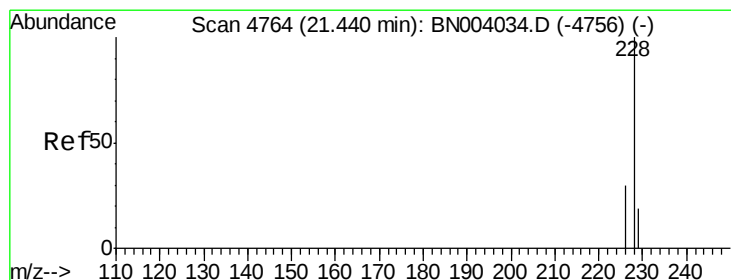
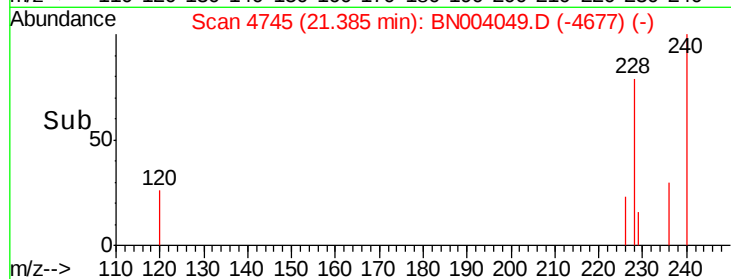
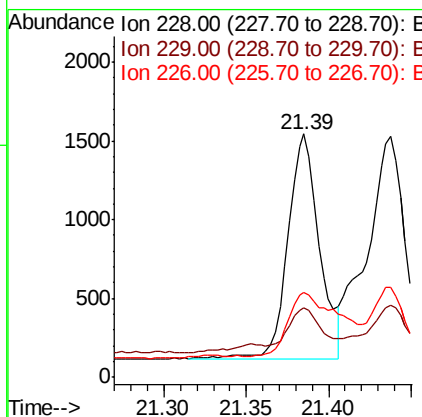
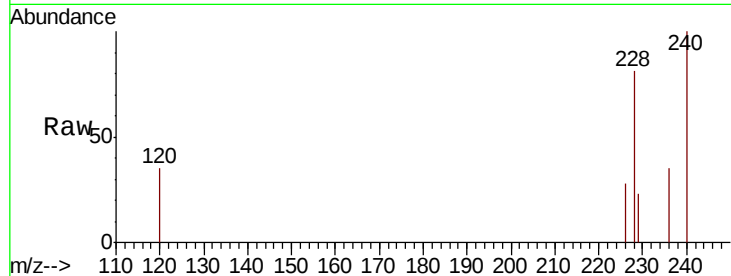
#18
Benzo(a)anthracene
Concen: 0.040 ng/ul
RT: 21.39 min Scan# 4745
Delta R.T. -0.00 min
Lab File: BN004049.D
Acq: 17 Dec 2018 23:07

Instrument :
BNA_N
ClientSampled :
F9F19

Tgt Ion	Ratio	Lower	Upper
228	100		
229	28.6	15.6	23.4#
226	35.1	21.1	31.7#

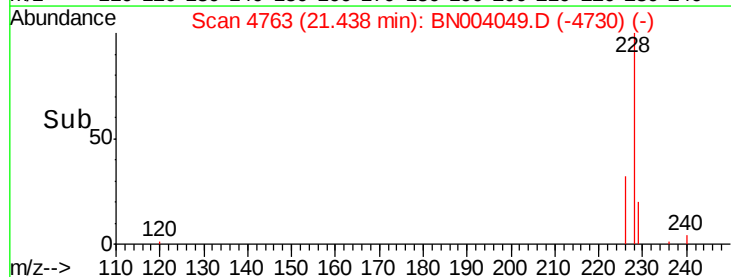
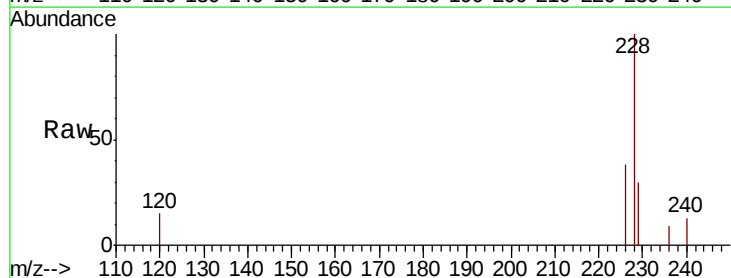
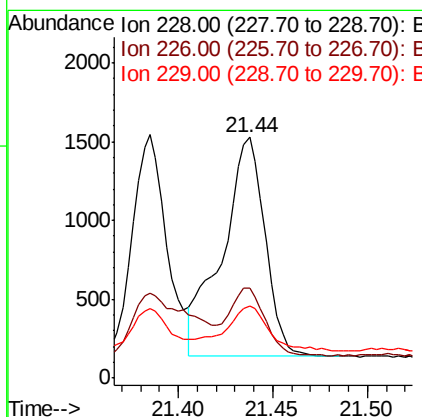
Manual Integrations
APPROVED

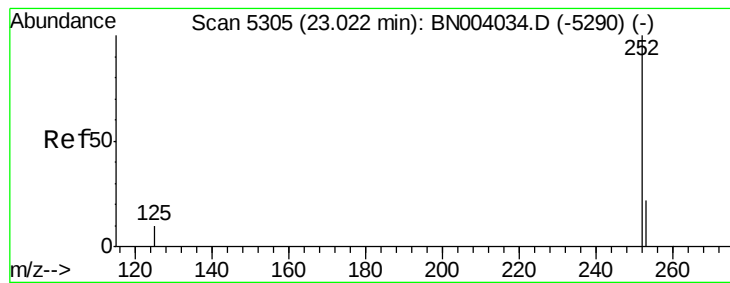
Sohil
12/18/2018 5:56:29 PM



#19
Chrysene
Concen: 0.041 ng/ul
RT: 21.44 min Scan# 4763
Delta R.T. -0.00 min
Lab File: BN004049.D
Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.6	24.0	36.0#
229	30.0	15.7	23.5#





#21

Benzo(b)fluoranthene

Concen: 0.061 ng/ul m

RT: 23.02 min Scan# 5303

Delta R.T. -0.01 min

Lab File: BN004049.D

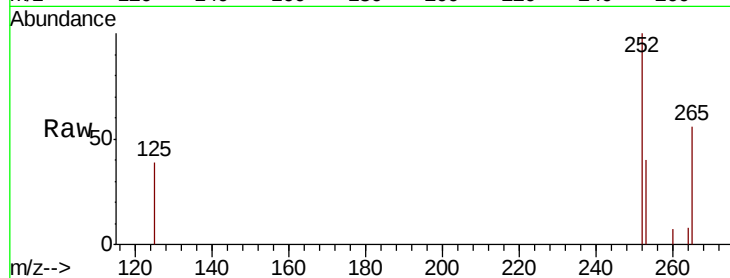
Acq: 17 Dec 2018 23:07

Instrument :

BNA_N

ClientSampleId :

F9F19



Tgt Ion: 252 Resp: 3266

Ion Ratio Lower Upper

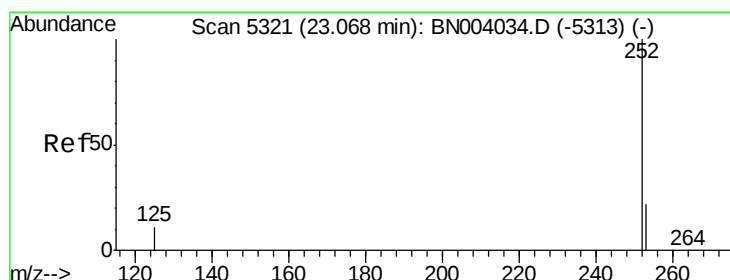
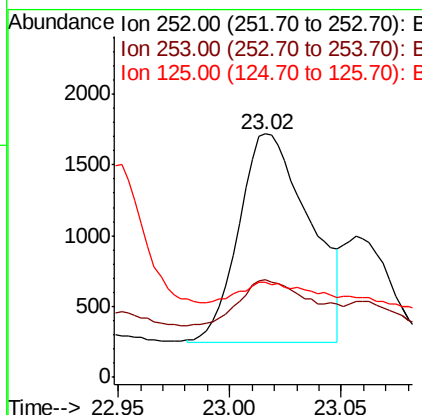
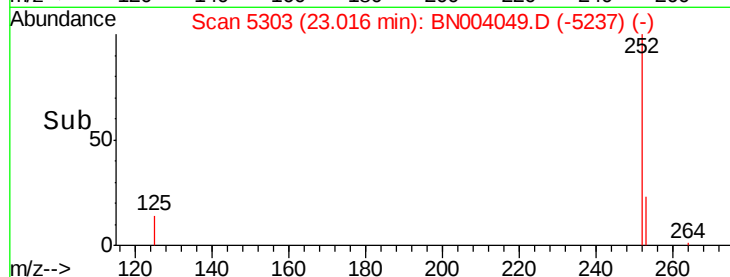
252 100

253 40.4 0.0 46.0

125 38.9 0.0 22.4#

Manual Integrations
APPROVED

Sohil
12/18/2018 5:56:29 PM



#22

Benzo(k)fluoranthene

Concen: 0.021 ng/ul m

RT: 23.06 min Scan# 5317

Delta R.T. -0.01 min

Lab File: BN004049.D

Acq: 17 Dec 2018 23:07

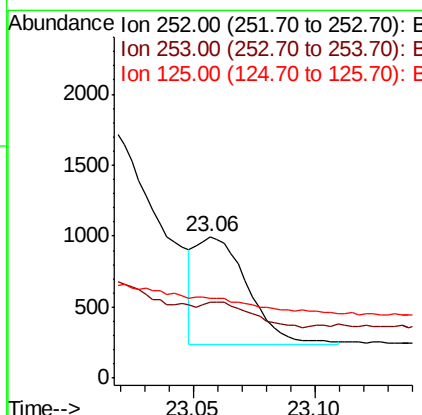
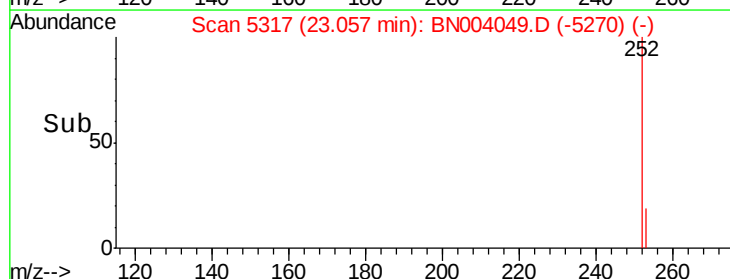
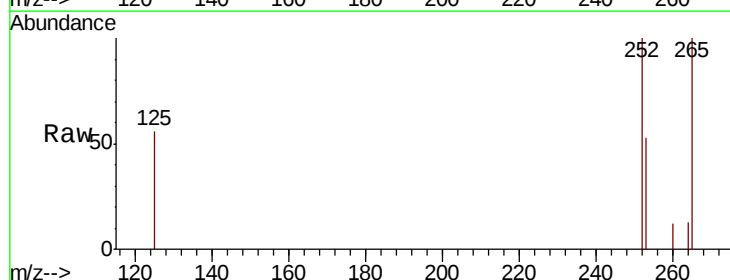
Tgt Ion: 252 Resp: 1123

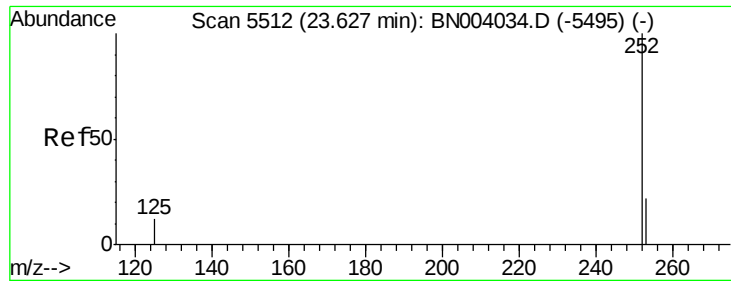
Ion Ratio Lower Upper

252 100

253 53.3 18.5 27.7#

125 56.1 9.0 13.6#





#23

Benzo(a)pyrene

Concen: 0.036 ng/u1

RT: 23.62 min Scan# 5509

Delta R.T. -0.01 min

Lab File: BN004049.D

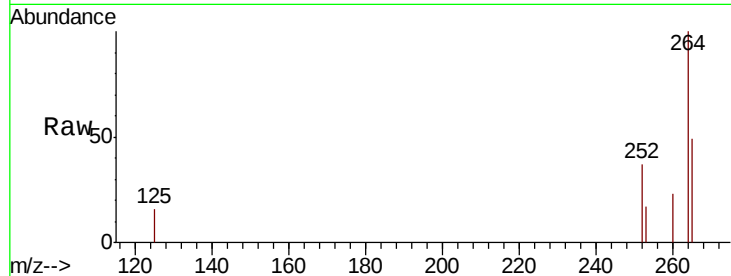
Acq: 17 Dec 2018 23:07

Instrument :

BNA_N

ClientSampled :

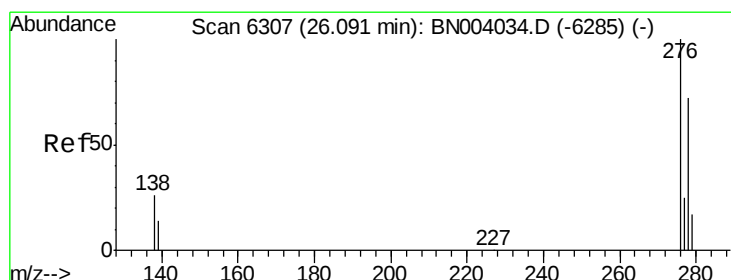
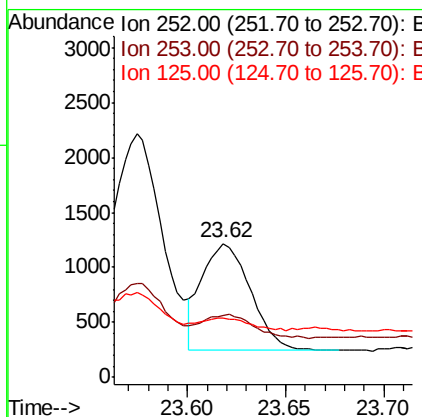
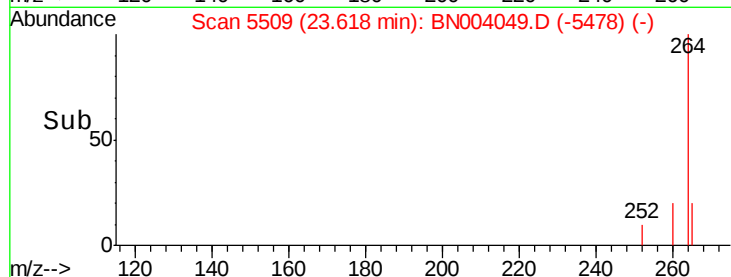
F9F19



Tgt Ion:	252	Resp:	1677
Ion Ratio	Lower	Upper	
252	100		
253	46.7	19.0	28.4#
125	44.4	10.2	15.4#

Manual Integrations
APPROVED

Sohil
12/18/2018 5:56:29 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.026 ng/u1

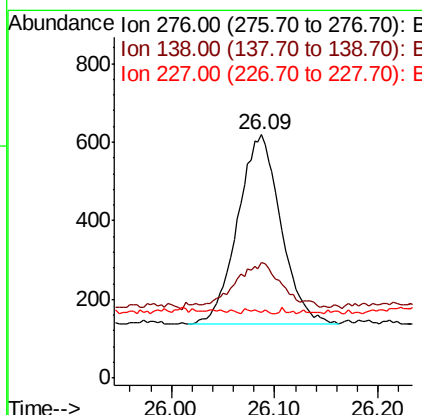
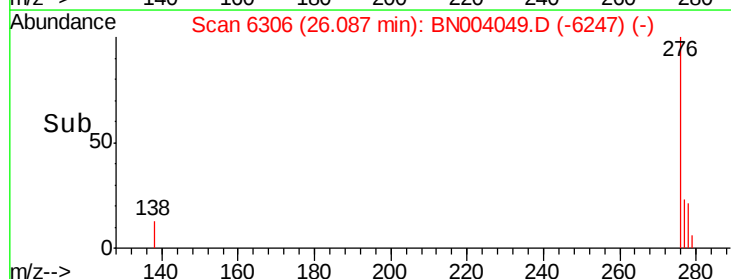
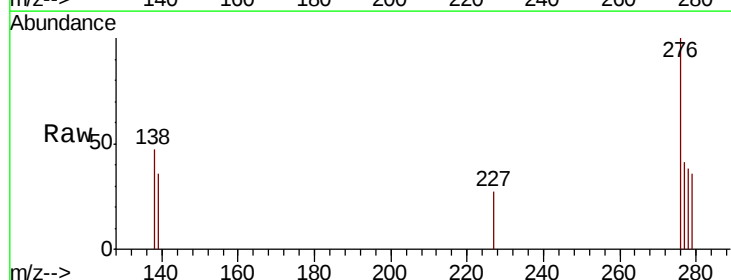
RT: 26.09 min Scan# 6306

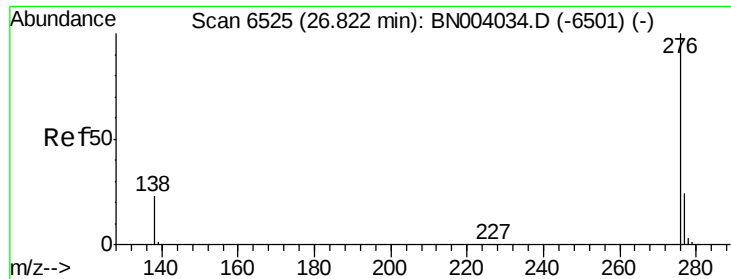
Delta R.T. -0.00 min

Lab File: BN004049.D

Acq: 17 Dec 2018 23:07

Tgt Ion:	276	Resp:	1405
Ion Ratio	Lower	Upper	
276	100		
138	25.0	20.3	30.5
227	0.8	0.2	0.2#





#26
 Benzo(g,h,i)perylene
 Concen: 0.023 ng/ul
 RT: 26.82 min Scan# 6524
 Delta R.T. -0.00 min
 Lab File: BN004049.D
 Acq: 17 Dec 2018 23:07

Instrument :
 BNA_N
 ClientSampleId :
 F9F19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	51.2	17.7	26.5#
277	45.9	19.3	28.9#

Manual Integrations
 APPROVED

Sohil
 12/18/2018 5:56:29 PM

