

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
 Data File : BN004039.D
 Acq On : 17 Dec 2018 17:14
 Operator : JU/SJ
 Sample : J6229-06DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F04DL

Manual Integrations
 APPROVED

Sohil
 12/18/2018 5:56:00 PM

Quant Time: Dec 18 05:02:27 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	7.84	152	1434	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7317	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4406	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	11365	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	13810	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	13404	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	434	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	1453	0.04	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	1869	0.091	ng/ul#	89
5) 2-Methylnaphthalene	12.29	142	1327	0.092	ng/ul	99
7) Acenaphthylene	14.20	152	5274	0.266	ng/ul	97
8) Acenaphthene	14.53	153	2875	0.165	ng/ul	99
9) Fluorene	15.52	166	3421	0.169	ng/ul#	98
12) Phenanthrene	17.26	178	176156	4.723	ng/ul	99
13) Anthracene	17.35	178	21147	0.690	ng/ul	99
15) Fluoranthene	19.28	202	338369	7.682	ng/ul	98
17) Pyrene	19.64	202	311825	6.296	ng/ul	96
18) Benzo(a)anthracene	21.39	228	132112	3.029	ng/ul	97
19) Chrysene	21.44	228	155777	3.121	ng/ul	98
21) Benzo(b)fluoranthene	23.02	252	163573m	2.950	ng/ul	
22) Benzo(k)fluoranthene	23.07	252	49746m	0.921	ng/ul	
23) Benzo(a)pyrene	23.63	252	103438	2.154	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.09	276	71534	1.299	ng/ul	95
25) Dibenzo(a,h)anthracene	26.09	278	18289	0.413	ng/ul#	85
26) Benzo(g,h,i)perylene	26.82	276	72461	1.514	ng/ul	97

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

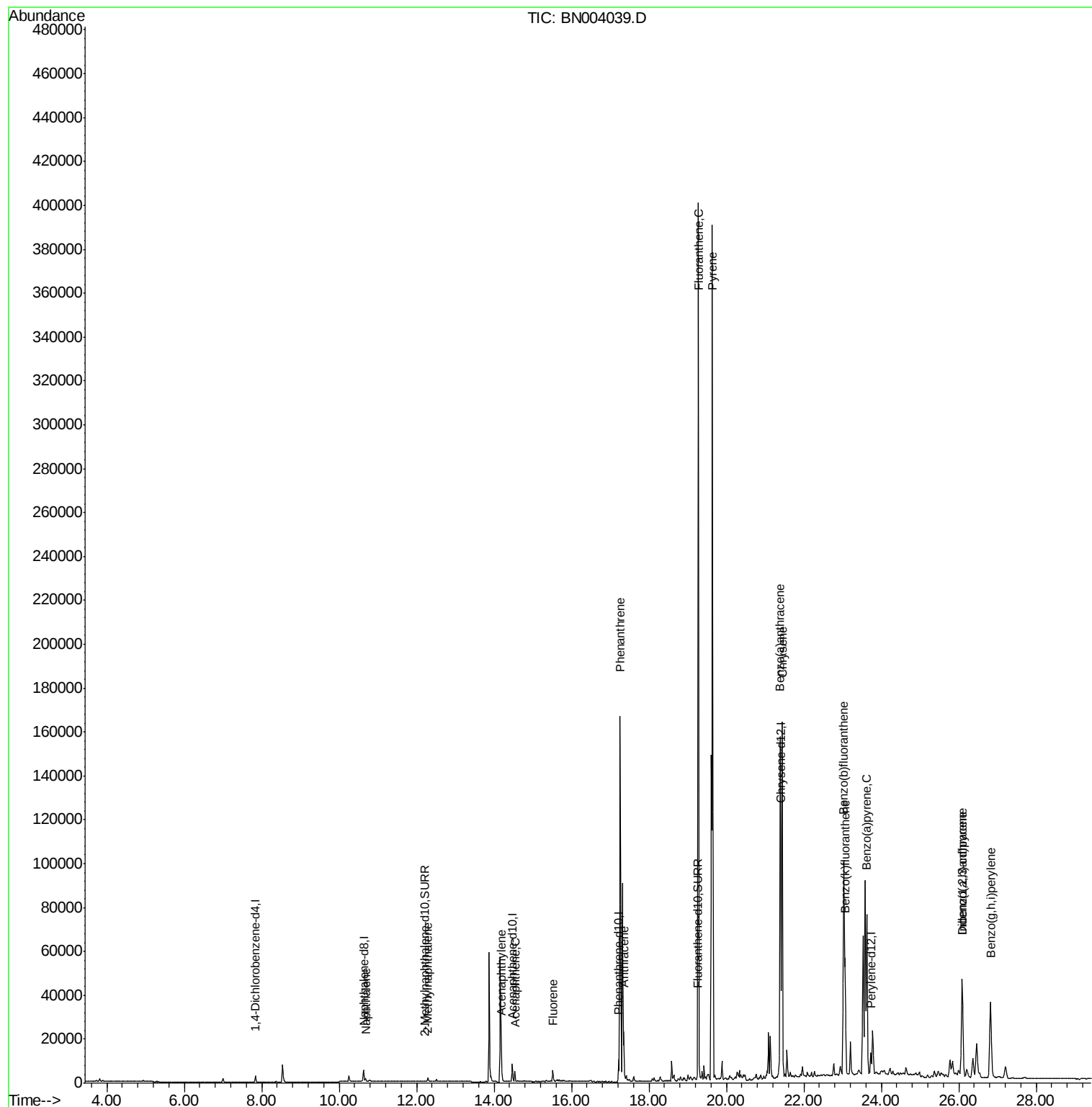
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Data File : BN004039.D
Acq On : 17 Dec 2018 17:14
Operator : JU/SJ
Sample : J6229-06DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

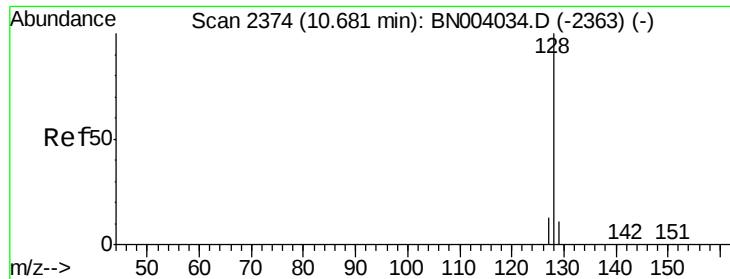
Instrument :
BNA_N
ClientSampleId :
F9F04DL

Manual Integrations
APPROVED

Sohil
12/18/2018 5:56:00 PM

Quant Time: Dec 18 05:02:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.091 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BN004039.D

Acq: 17 Dec 2018 17:14

Instrument :

BNA_N

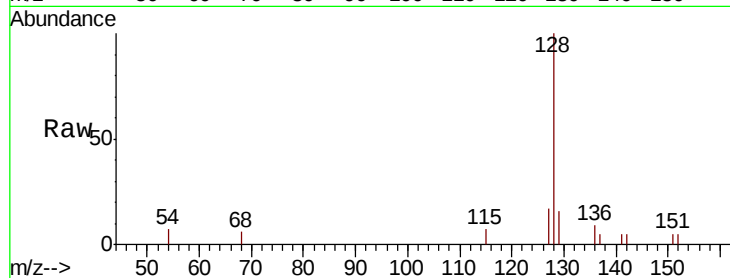
ClientSampled :

F9F04DL

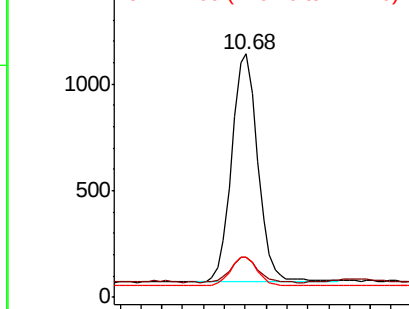
Tgt Ion:	128	Resp:	1869
Ion Ratio	Lower	Upper	
128	100		
129	16.5	9.0	13.6#
127	16.7	10.5	15.7#

Manual Integrations
APPROVED

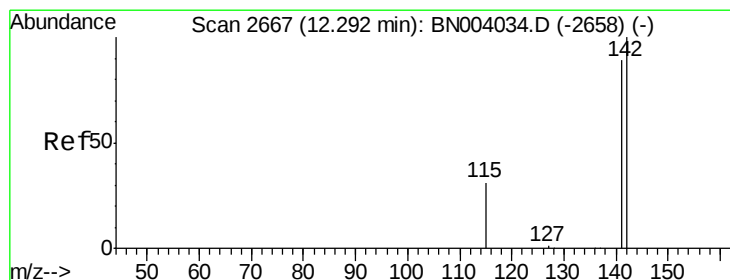
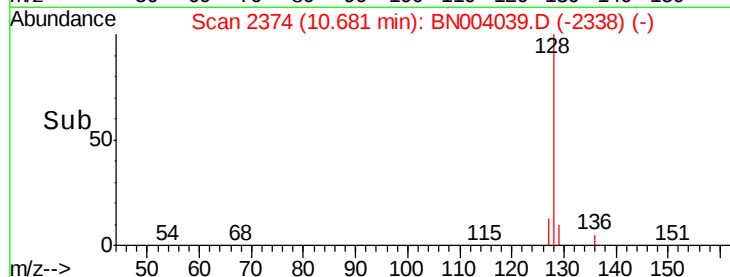
Sohil
12/18/2018 5:56:00 PM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.092 ng/ul

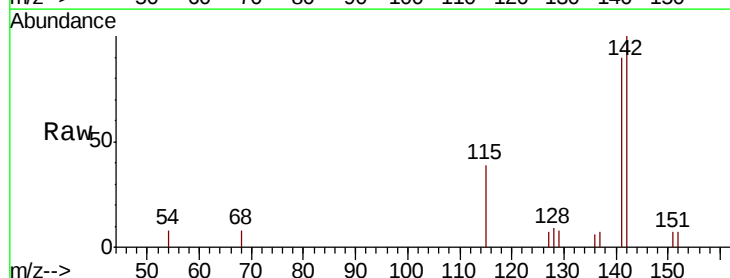
RT: 12.29 min Scan# 2667

Delta R.T. 0.00 min

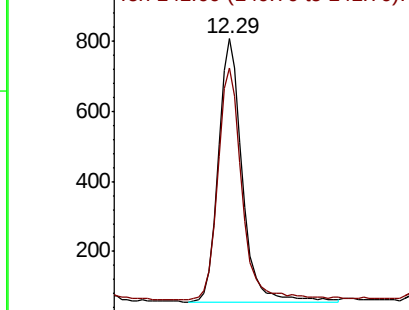
Lab File: BN004039.D

Acq: 17 Dec 2018 17:14

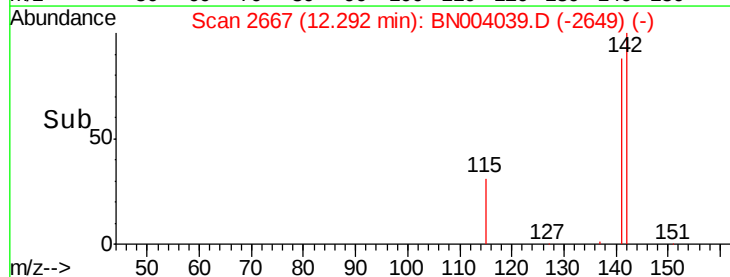
Tgt Ion:	142	Resp:	1327
Ion Ratio	Lower	Upper	
142	100		
141	90.0	71.5	107.3

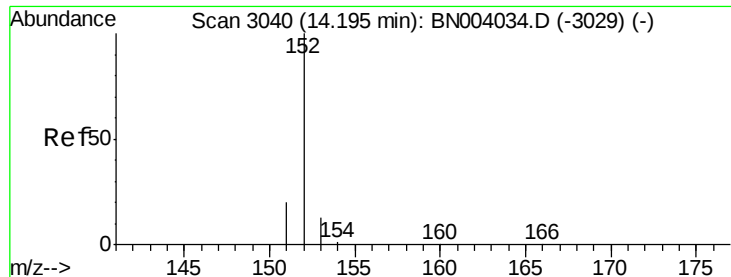


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#7

Acenaphthylene

Concen: 0.266 ng/ul

RT: 14.20 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BN004039.D

Acq: 17 Dec 2018 17:14

Instrument :

BNA_N

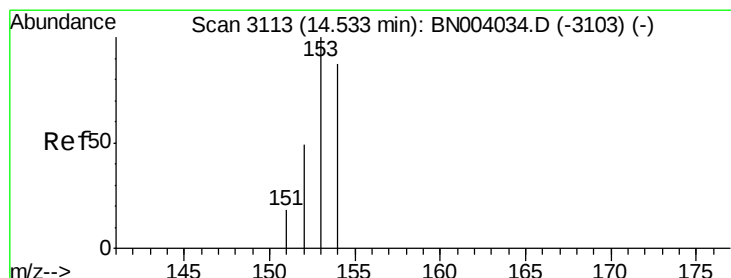
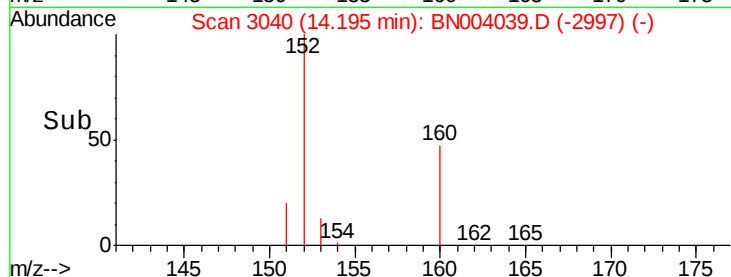
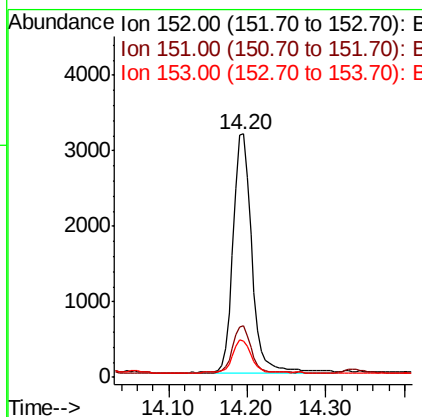
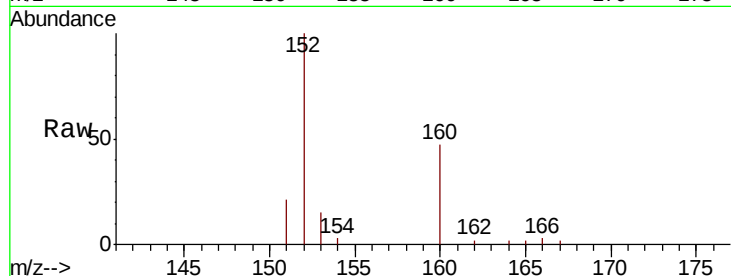
ClientSampleId :

F9F04DL

Tgt Ion:	152	Resp:	5274
Ion Ratio	Lower	Upper	
152	100		
151	21.0	15.9	23.9
153	15.0	10.7	16.1

Manual Integrations
APPROVED

Sohil
12/18/2018 5:56:00 PM



#8

Acenaphthene

Concen: 0.165 ng/ul

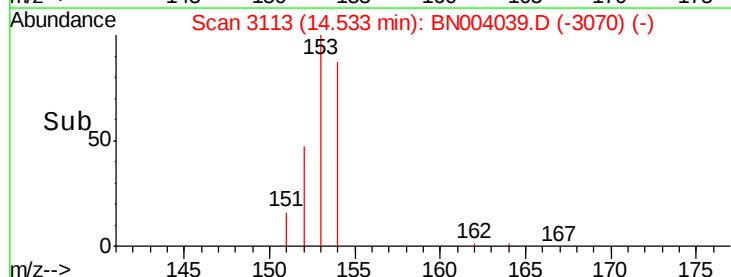
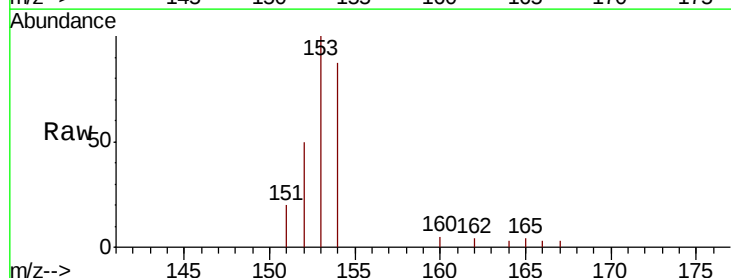
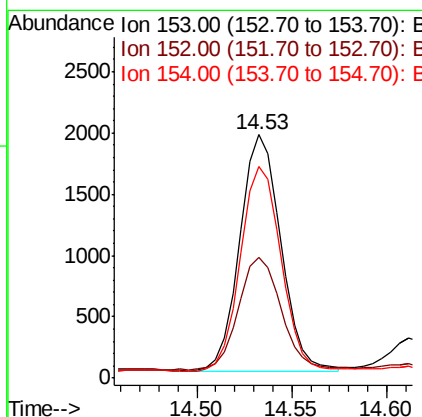
RT: 14.53 min Scan# 3113

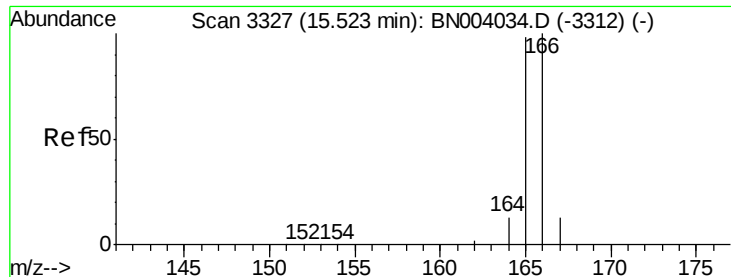
Delta R.T. 0.00 min

Lab File: BN004039.D

Acq: 17 Dec 2018 17:14

Tgt Ion:	153	Resp:	2875
Ion Ratio	Lower	Upper	
153	100		
152	49.6	39.3	58.9
154	87.1	70.3	105.5





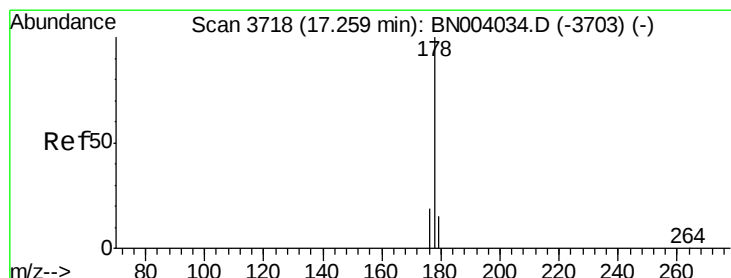
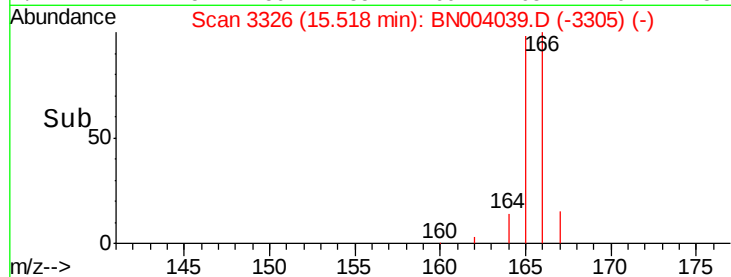
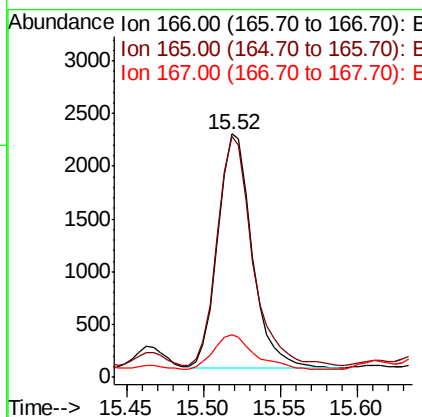
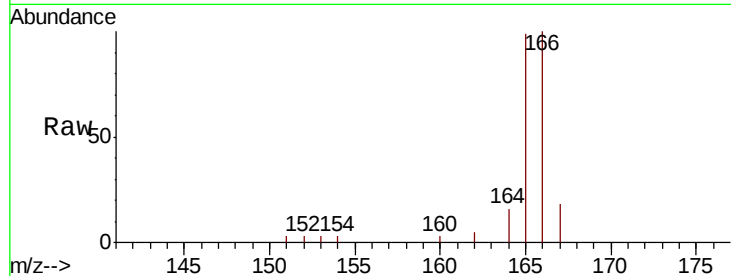
#9
Fluorene
 Concen: 0.169 ng/ul
 RT: 15.52 min Scan# 3326
 Delta R.T. -0.00 min
 Lab File: BN004039.D
 Acq: 17 Dec 2018 17:14

Instrument :
 BNA_N
 ClientSampleId :
 F9F04DL

Tgt Ion:	166	Resp:	3421
Ion Ratio	Lower	Upper	
166	100		
165	99.3	78.3	117.5
167	17.6	11.3	16.9#

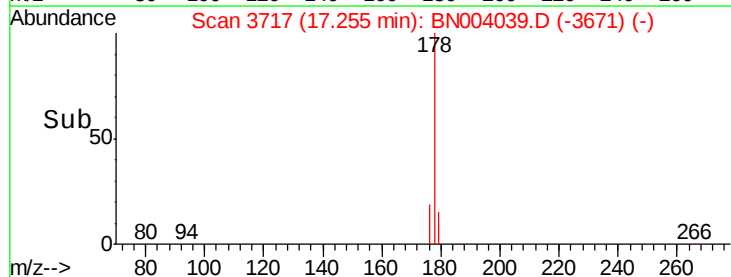
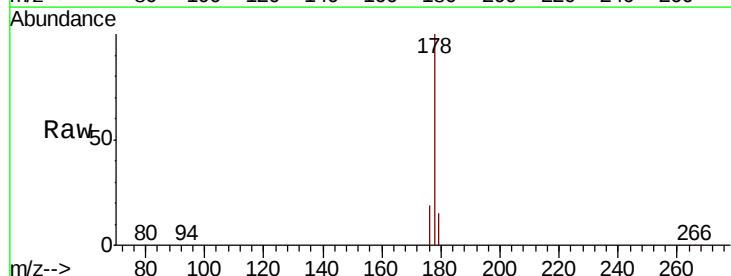
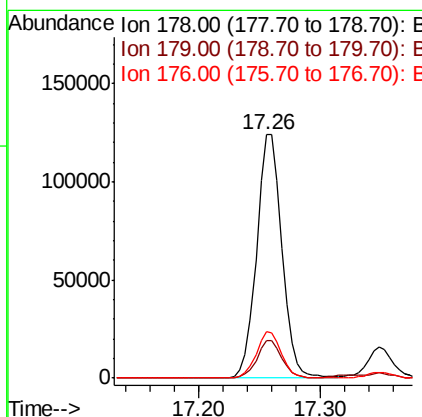
Manual Integrations
 APPROVED

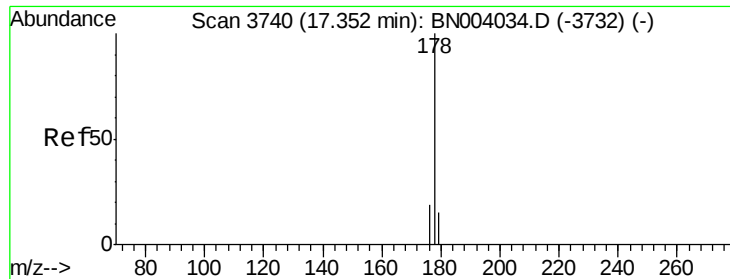
Sohil
 12/18/2018 5:56:00 PM



#12
Phenanthrene
 Concen: 4.723 ng/ul
 RT: 17.26 min Scan# 3717
 Delta R.T. -0.00 min
 Lab File: BN004039.D
 Acq: 17 Dec 2018 17:14

Tgt Ion:	178	Resp:	176156
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.5	18.7
176	19.1	15.0	22.4





#13

Anthracene

Concen: 0.690 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BN004039.D

Acq: 17 Dec 2018 17:14

Instrument :

BNA_N

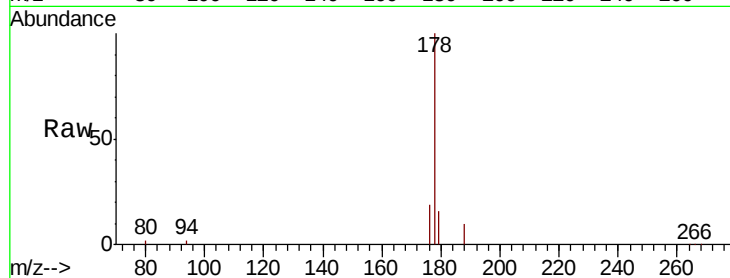
ClientSampleId :

F9F04DL

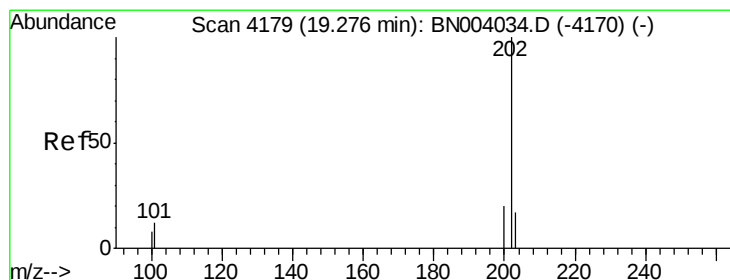
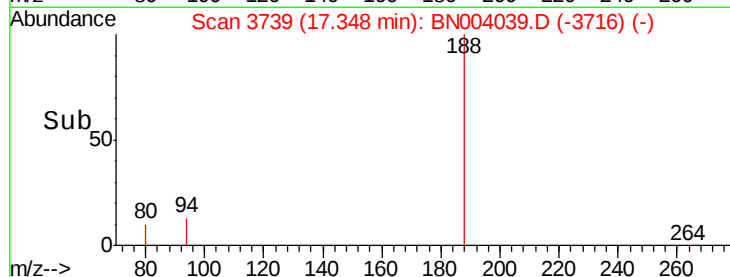
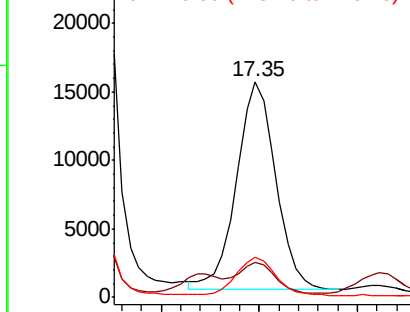
Tgt Ion:	178	Resp:	21147
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.3	18.5
176	18.5	14.8	22.2

Manual Integrations
APPROVED

Sohil
12/18/2018 5:56:00 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: 7.682 ng/ul

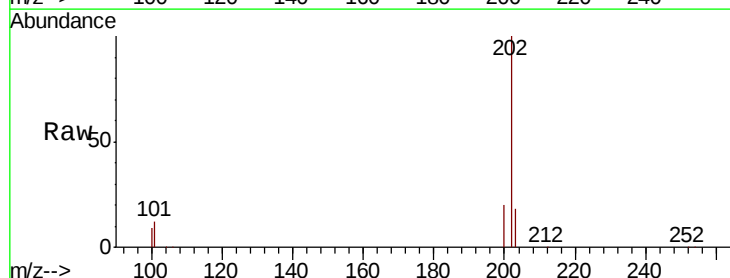
RT: 19.28 min Scan# 4179

Delta R.T. 0.00 min

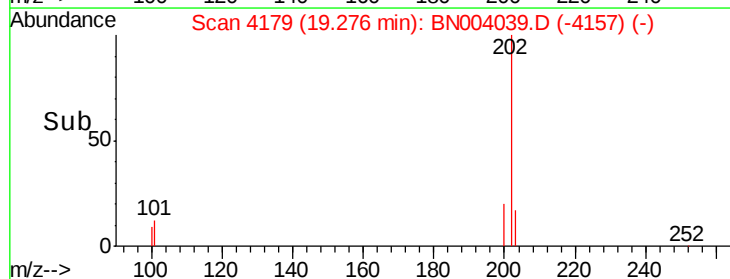
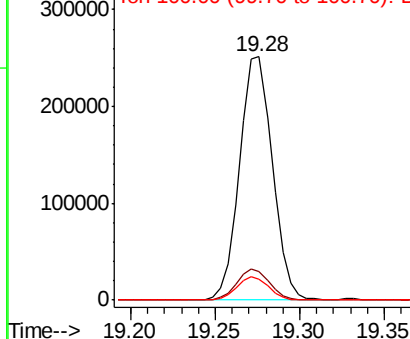
Lab File: BN004039.D

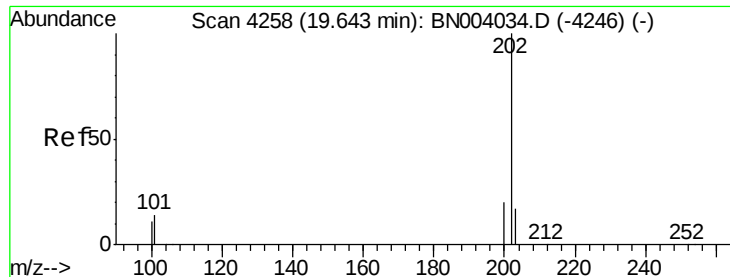
Acq: 17 Dec 2018 17:14

Tgt Ion:	202	Resp:	338369
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	30.7
100	8.5	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





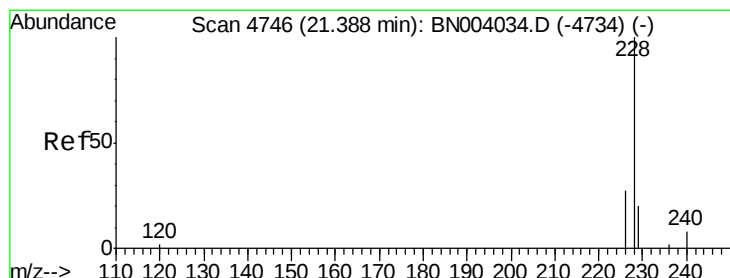
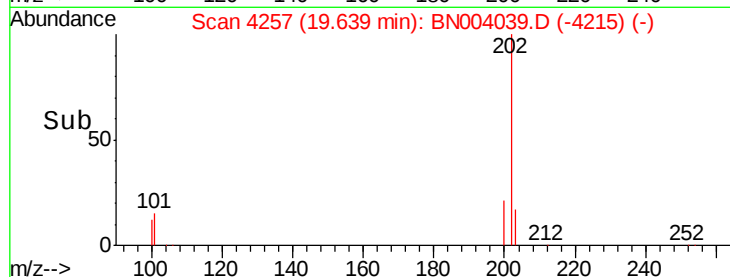
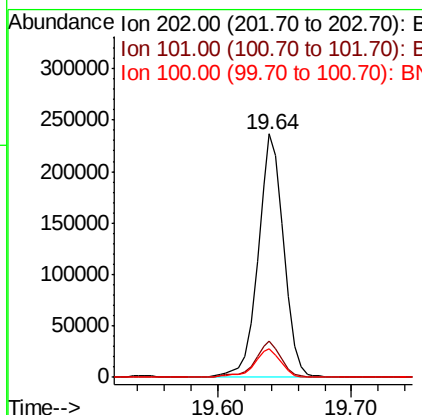
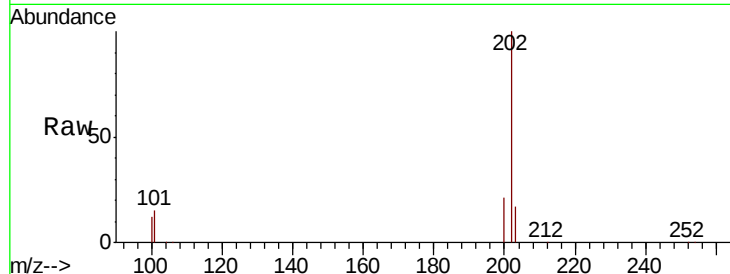
#17
Pyrene
Concen: 6.296 ng/ul
RT: 19.64 min Scan# 4257
Delta R.T. -0.00 min
Lab File: BN004039.D
Acq: 17 Dec 2018 17:14

Instrument :
BNA_N
ClientSampleId :
F9F04DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.7	10.3	15.5
100	11.7	8.5	12.7

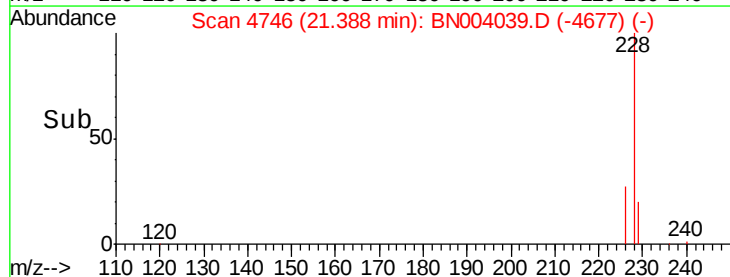
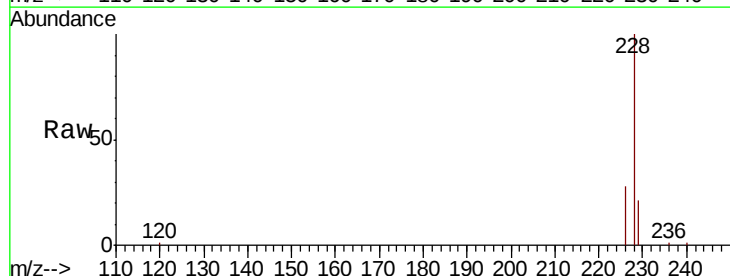
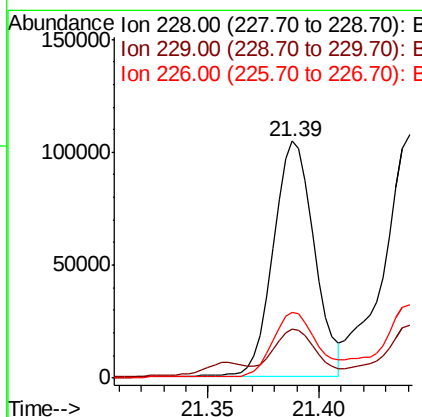
Manual Integrations
APPROVED

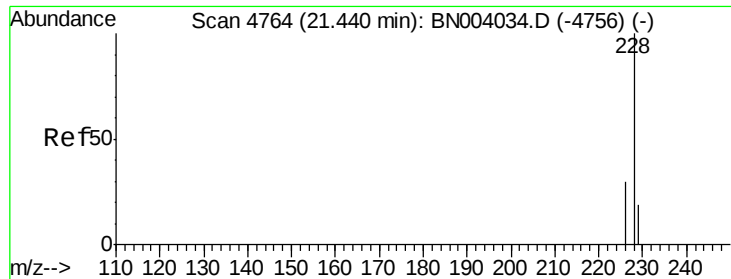
Sohil
12/18/2018 5:56:00 PM



#18
Benzo(a)anthracene
Concen: 3.029 ng/ul
RT: 21.39 min Scan# 4746
Delta R.T. 0.00 min
Lab File: BN004039.D
Acq: 17 Dec 2018 17:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.7	15.6	23.4
226	27.7	21.1	31.7





#19

Chrysene

Concen: 3.121 ng/ul

RT: 21.44 min Scan# 4764

Delta R.T. 0.00 min

Lab File: BN004039.D

Acq: 17 Dec 2018 17:14

Instrument :

BNA_N

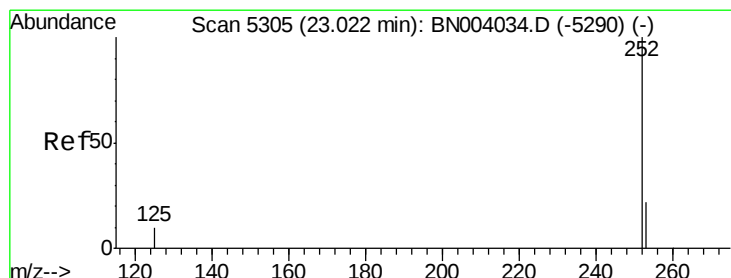
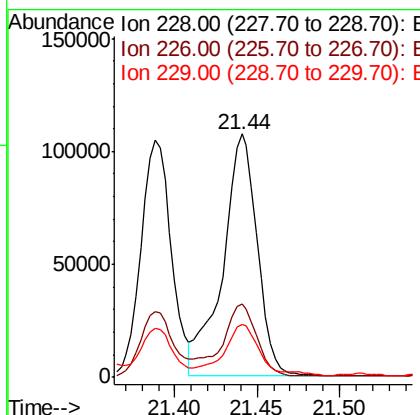
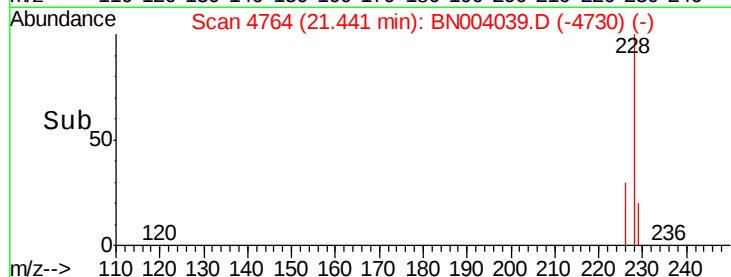
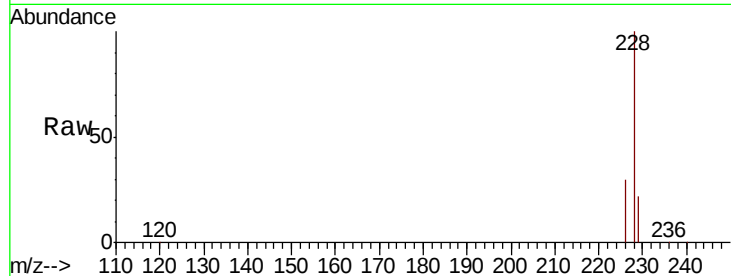
ClientSampled :

F9F04DL

Tgt Ion:	228	Resp:	155777
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.0	36.0
229	21.7	15.7	23.5

Manual Integrations
APPROVED

Sohil
12/18/2018 5:56:00 PM



#21

Benzo(b)fluoranthene

Concen: 2.950 ng/ul m

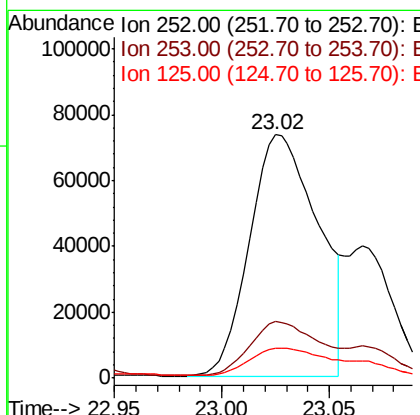
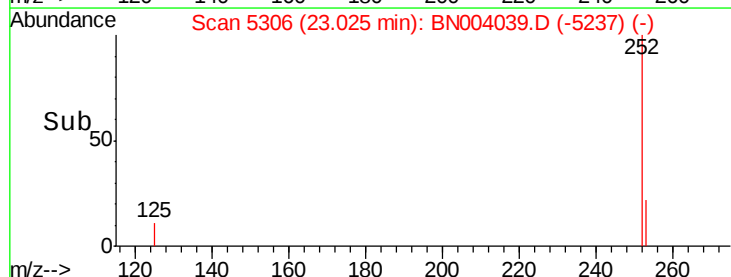
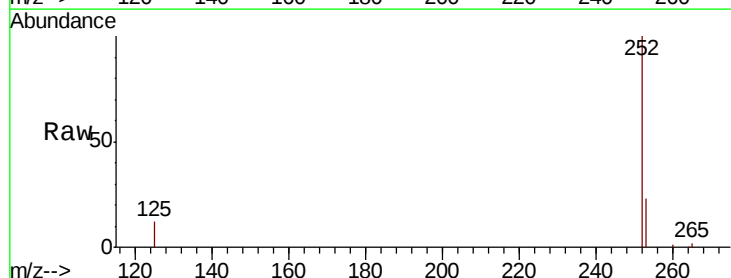
RT: 23.02 min Scan# 5306

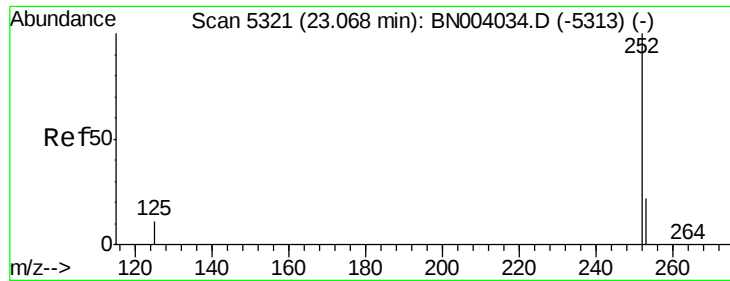
Delta R.T. 0.00 min

Lab File: BN004039.D

Acq: 17 Dec 2018 17:14

Tgt Ion:	252	Resp:	163573
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	46.0
125	12.3	0.0	22.4





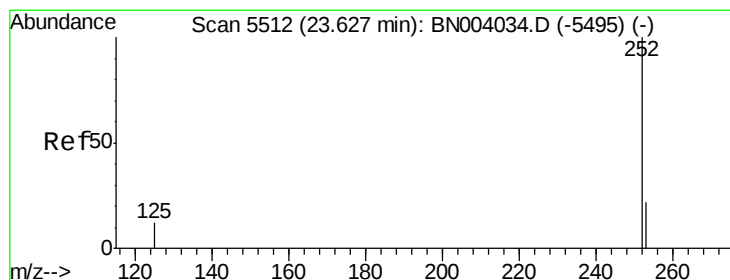
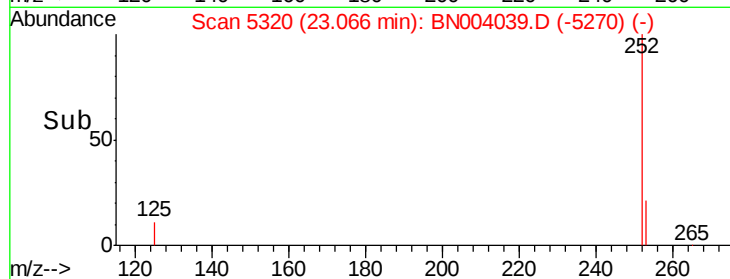
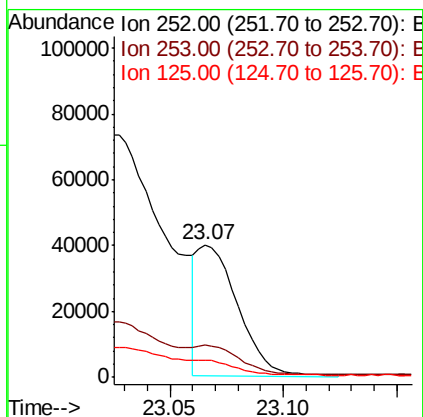
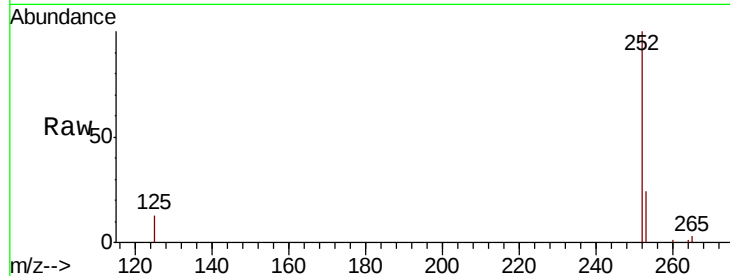
#22
Benzo(k)fluoranthene
Concen: 0.921 ng/ul m
RT: 23.07 min Scan# 5320
Delta R.T. -0.00 min
Lab File: BN004039.D
Acq: 17 Dec 2018 17:14

Instrument :
BNA_N
ClientSampleId :
F9F04DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.5	27.7
125	12.8	9.0	13.6

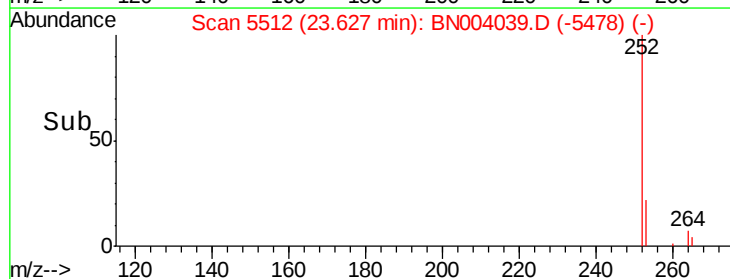
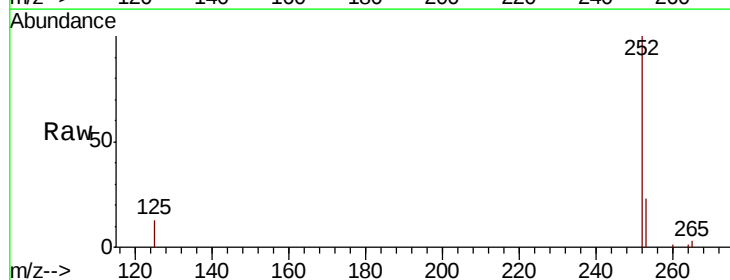
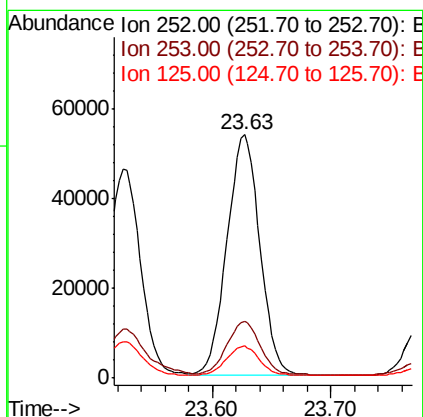
Manual Integrations
APPROVED

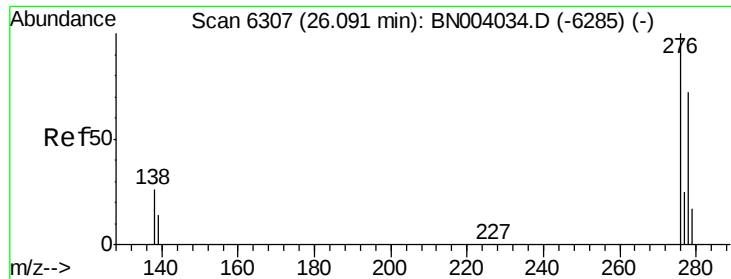
Sohil
12/18/2018 5:56:00 PM



#23
Benzo(a)pyrene
Concen: 2.154 ng/ul
RT: 23.63 min Scan# 5512
Delta R.T. 0.00 min
Lab File: BN004039.D
Acq: 17 Dec 2018 17:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.0	28.4
125	13.3	10.2	15.4





#24

Indeno(1,2,3-cd)pyrene

Concen: 1.299 ng/ul

RT: 26.09 min Scan# 6306

Delta R.T. -0.00 min

Lab File: BN004039.D

Acq: 17 Dec 2018 17:14

Instrument :

BNA_N

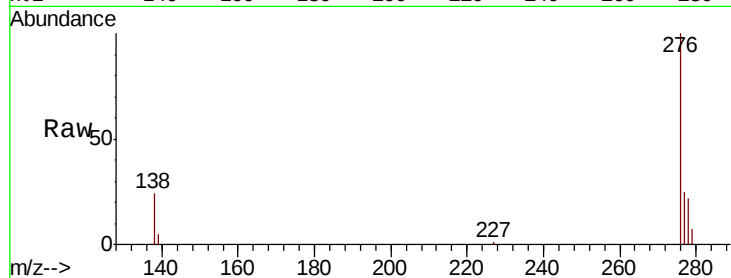
ClientSampleId :

F9F04DL

Tgt Ion:	276	Resp:	71534
Ion Ratio	Lower	Upper	
276	100		
138	22.9	20.3	30.5
227	0.2	0.2	0.2

Manual Integrations
APPROVED

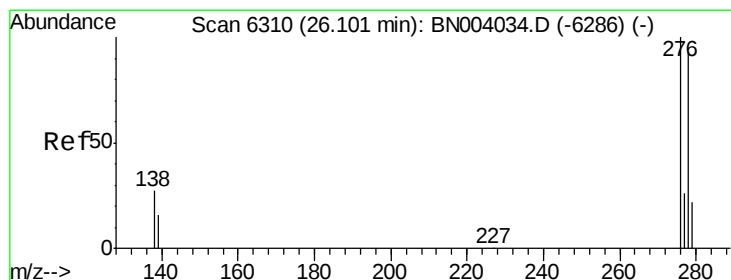
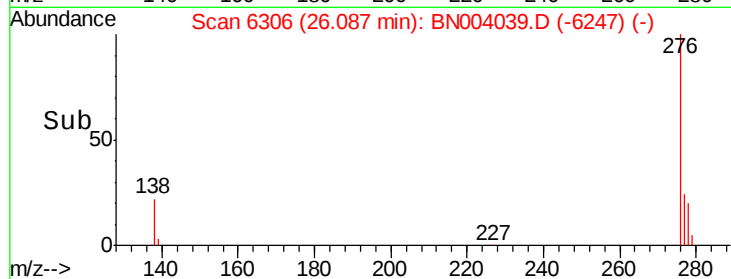
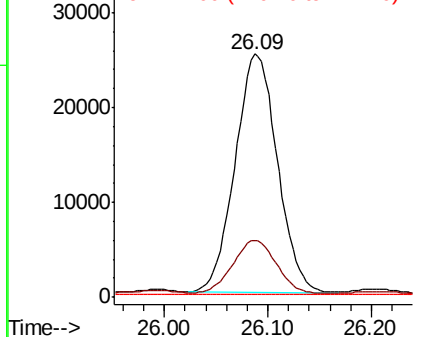
Sohil
12/18/2018 5:56:00 PM



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: 0.413 ng/ul

RT: 26.09 min Scan# 6308

Delta R.T. -0.01 min

Lab File: BN004039.D

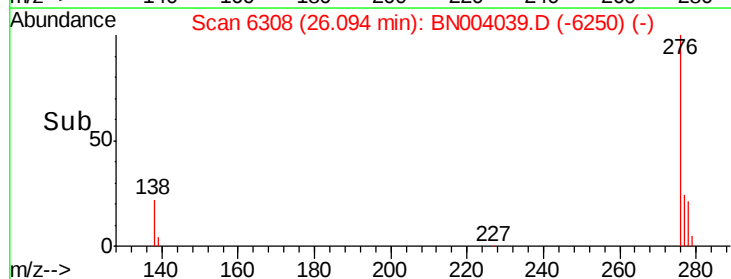
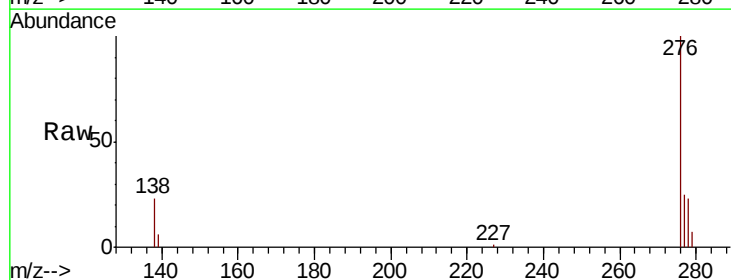
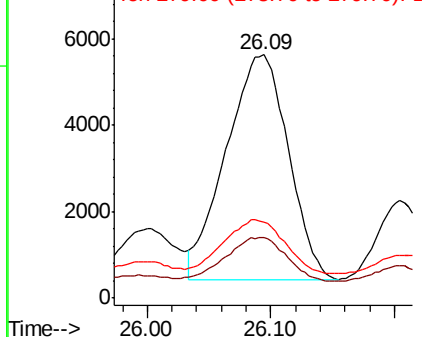
Acq: 17 Dec 2018 17:14

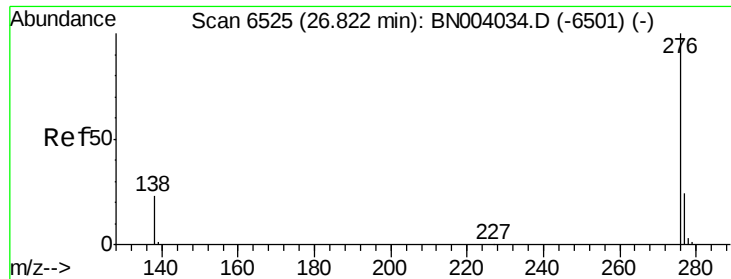
Tgt Ion:	278	Resp:	18289
Ion Ratio	Lower	Upper	
278	100		
139	25.0	14.2	21.4#
279	31.4	19.8	29.6#

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(g,h,i)perylene
 Concen: 1.514 ng/ul
 RT: 26.82 min Scan# 6524
 Delta R.T. -0.00 min
 Lab File: BN004039.D
 Acq: 17 Dec 2018 17:14

Instrument :
 BNA_N
 ClientSampleId :
 F9F04DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	17.7	26.5
277	24.7	19.3	28.9

Manual Integrations
 APPROVED

Sohil
 12/18/2018 5:56:00 PM

