

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
 Data File : BN004023.D
 Acq On : 17 Dec 2018 07:46
 Operator : JU/SJ
 Sample : J6229-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F06

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:28:50 PM

Quant Time: Dec 17 13:12:10 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 : Mon Dec 17 06:22:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2278	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	11262	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6718	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	16582m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	18347m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	15406m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3107	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	9921m	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.68	128	1976	0.062	ng/ul#	89
5) 2-Methylnaphthalene	12.29	142	2748	0.124	ng/ul	99
7) Acenaphthylene	14.19	152	4793	0.158	ng/ul	96
9) Fluorene	15.52	166	713	0.023	ng/ul#	96
12) Phenanthrene	17.25	178	49499m	0.910	ng/ul	
15) Fluoranthene	19.27	202	63129m	0.982	ng/ul	
17) Pyrene	19.64	202	91476	1.390	ng/ul	95
18) Benzo(a)anthracene	21.39	228	57470m	0.992	ng/ul	
19) Chrysene	21.44	228	81806m	1.234	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	74328m	1.166	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	24332m	0.392	ng/ul	
23) Benzo(a)pyrene	23.62	252	52441m	0.950	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.09	276	36497m	0.577	ng/ul	
25) Dibenzo(a,h)anthracene	26.09	278	13289m	0.261	ng/ul	
26) Benzo(g,h,i)perylene	26.82	276	46688m	0.849	ng/ul	

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

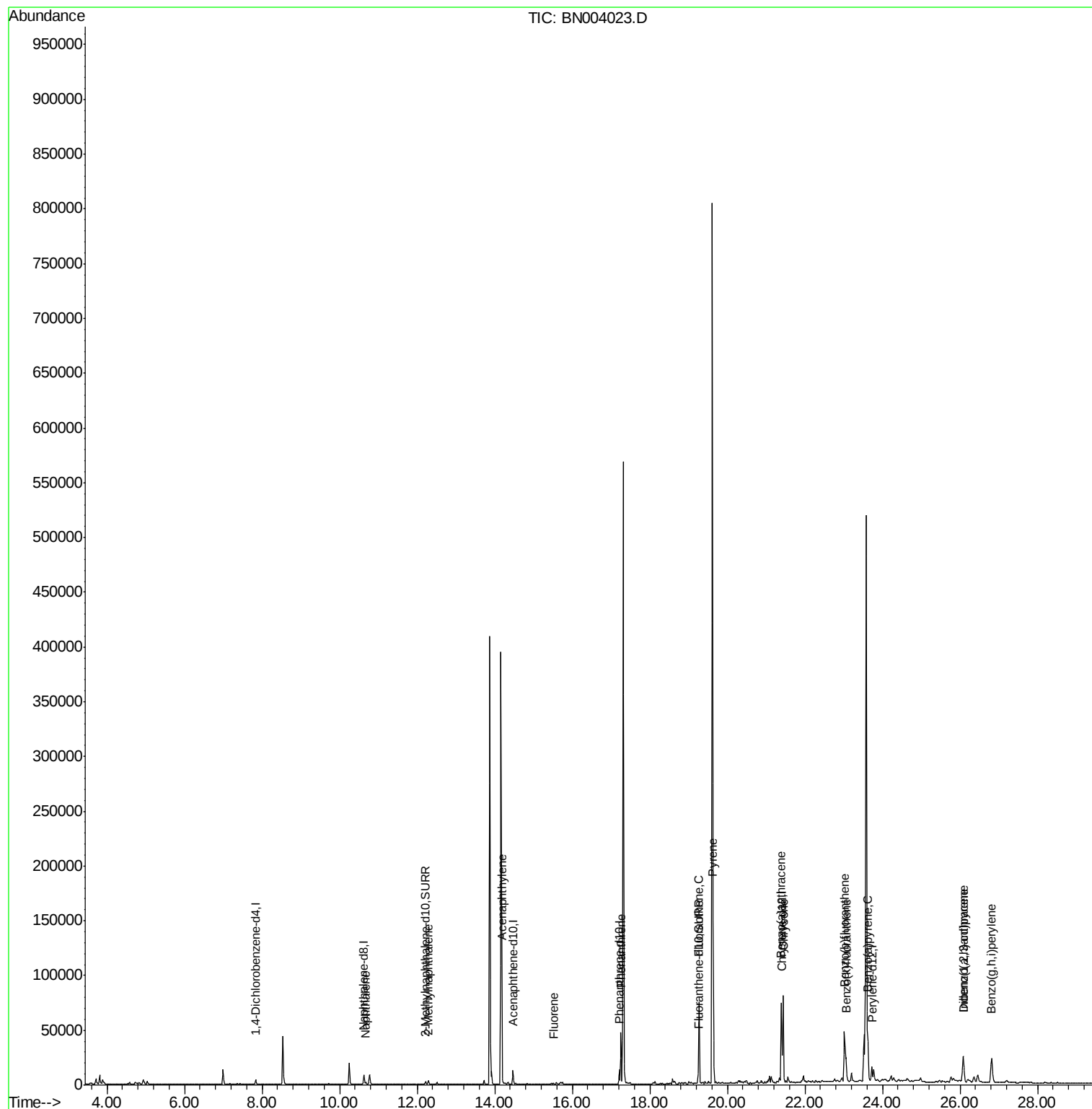
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
Data File : BN004023.D
Acq On : 17 Dec 2018 07:46
Operator : JU/SJ
Sample : J6229-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

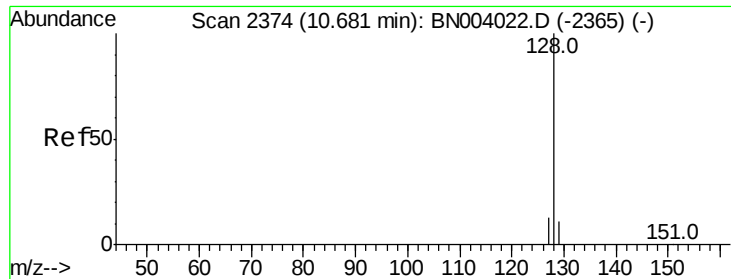
Instrument :
BNA_N
ClientSampleId :
F9F06

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:50 PM

Quant Time: Dec 17 13:12:10 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 : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration





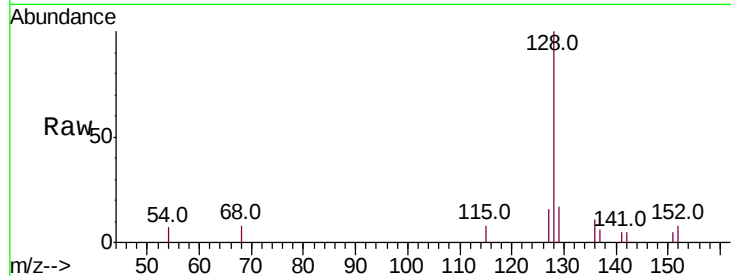
#3
Naphthalene
Concen: 0.062 ng/ul
RT: 10.68 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BN004023.D
Acq: 17 Dec 2018 07:46

Instrument :
BNA_N
ClientSampleId :
F9F06

Tot Ion	Ratio	Lower	Upper
128	100		
129	16.7	9.0	13.6#
127	16.5	10.5	15.7#

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:50 PM

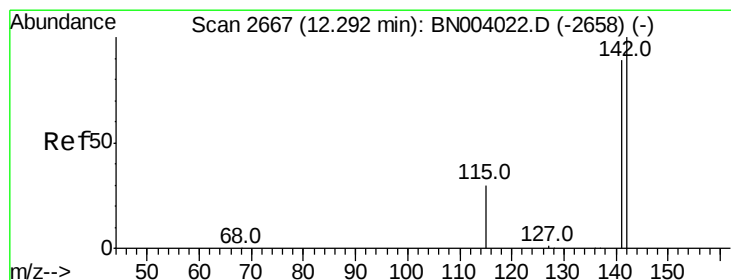
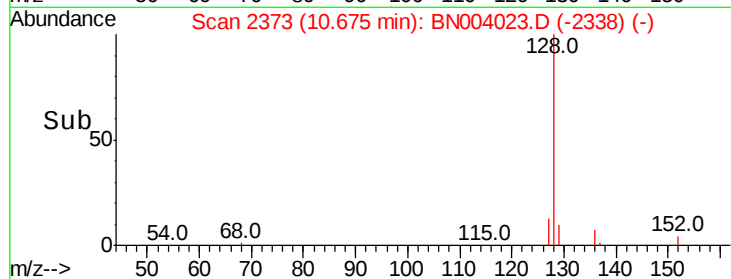
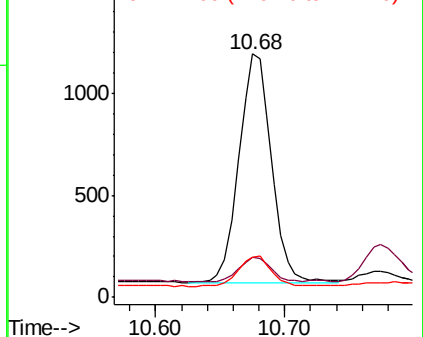


Abundance

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



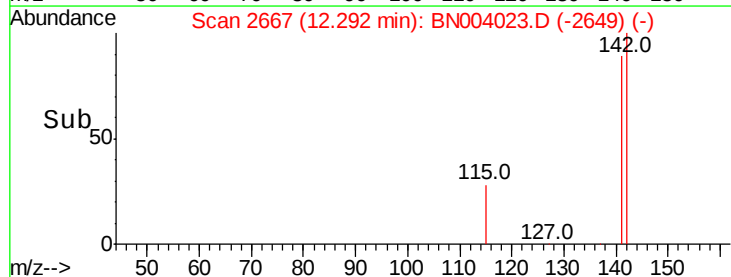
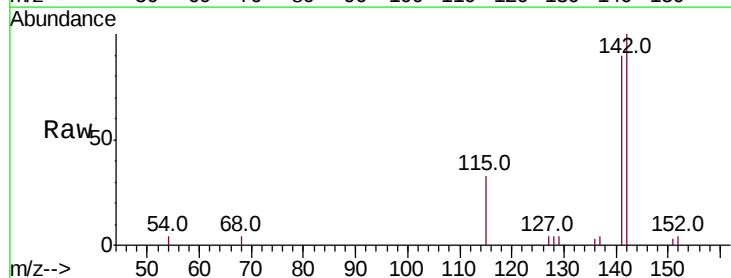
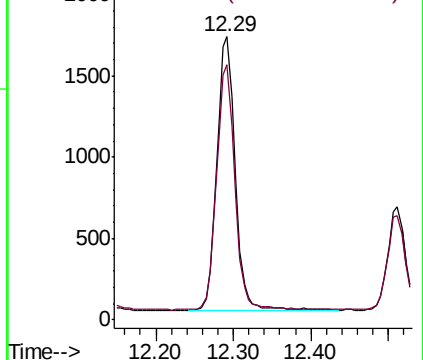
#5
2-Methylnaphthalene
Concen: 0.124 ng/ul
RT: 12.29 min Scan# 2667
Delta R.T. -0.00 min
Lab File: BN004023.D
Acq: 17 Dec 2018 07:46

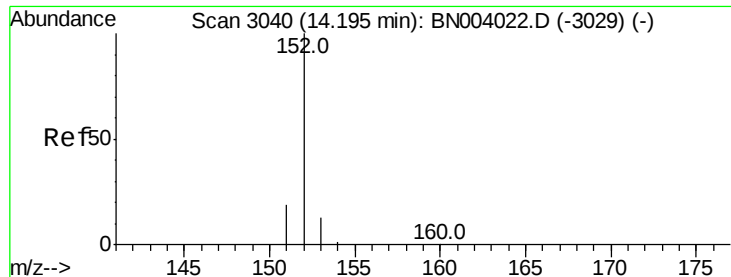
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.5	107.3

Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.158 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BN004023.D

Acq: 17 Dec 2018 07:46

Instrument :

BNA_N

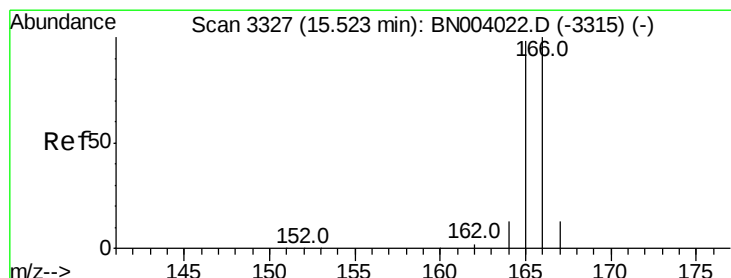
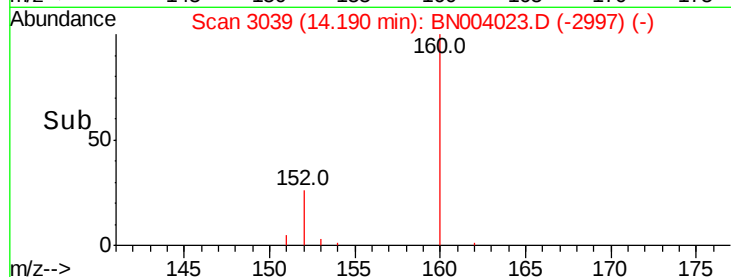
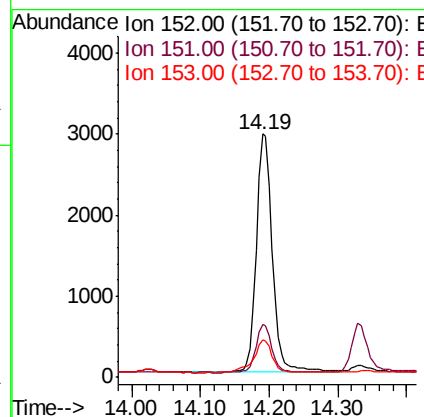
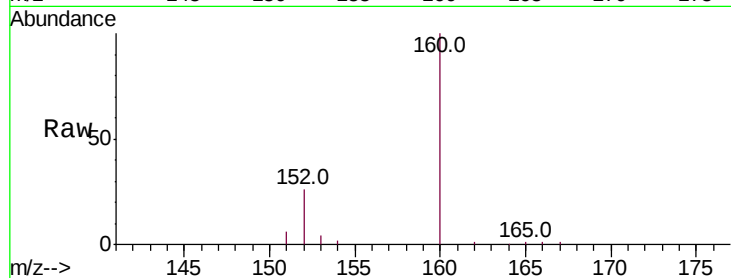
ClientSampleId :

F9F06

Tot Ion:	152	Resp:	4793
Ion Ratio	Lower	Upper	
152	100		
151	21.9	15.9	23.9
153	15.2	10.7	16.1

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:50 PM



#9

Fluorene

Concen: 0.023 ng/ul

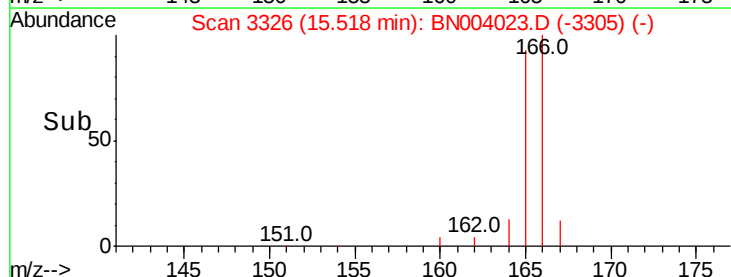
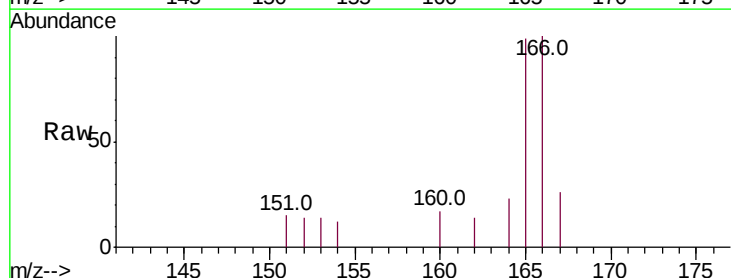
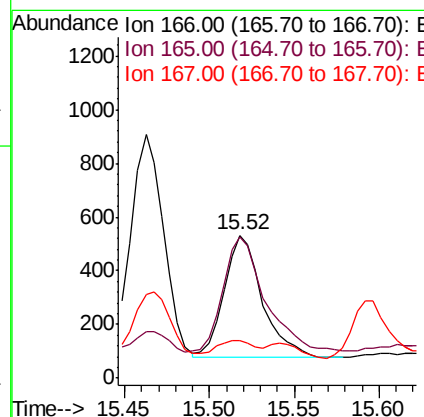
RT: 15.52 min Scan# 3326

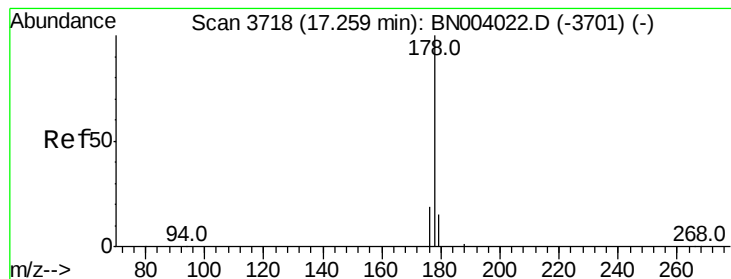
Delta R.T. -0.00 min

Lab File: BN004023.D

Acq: 17 Dec 2018 07:46

Tgt Ion:	166	Resp:	713
Ion Ratio	Lower	Upper	
166	100		
165	98.7	78.3	117.5
167	25.9	11.3	16.9#





#12

Phenanthrene

Concen: 0.910 ng/ul m

RT: 17.25 min Scan# 3717

Delta R.T. -0.00 min

Lab File: BN004023.D

Acq: 17 Dec 2018 07:46

Instrument :

BNA_N

ClientSampleId :

F9F06

Tot Ion:178 Resp: 49499

Ion Ratio Lower Upper

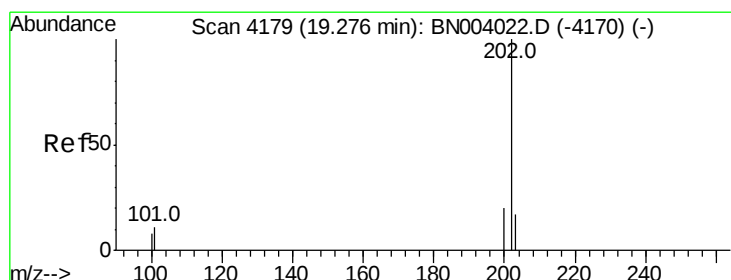
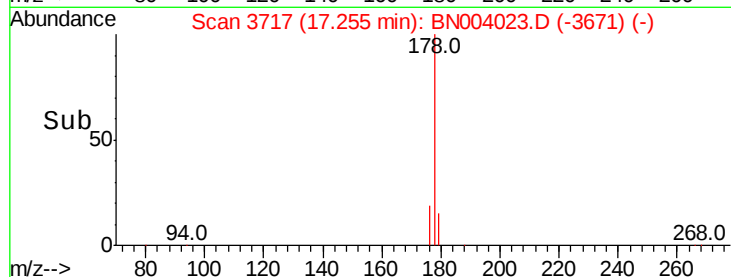
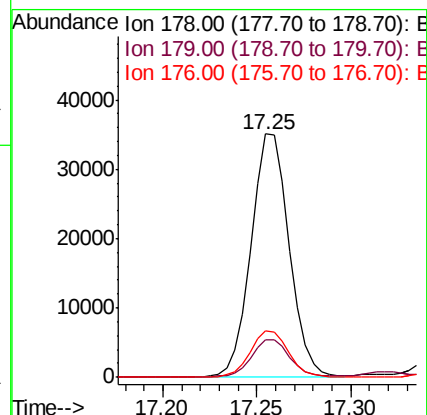
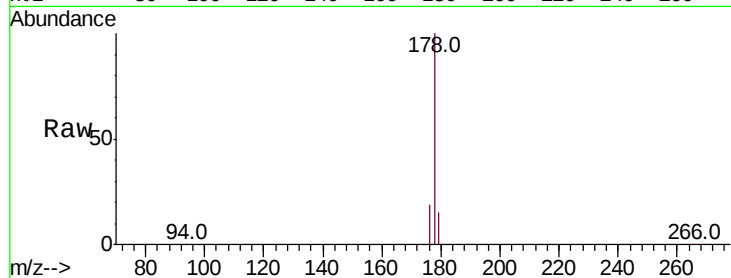
178 100

179 15.2 12.5 18.7

176 19.2 15.0 22.4

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:50 PM



#15

Fluoranthene

Concen: 0.982 ng/ul m

RT: 19.27 min Scan# 4178

Delta R.T. -0.00 min

Lab File: BN004023.D

Acq: 17 Dec 2018 07:46

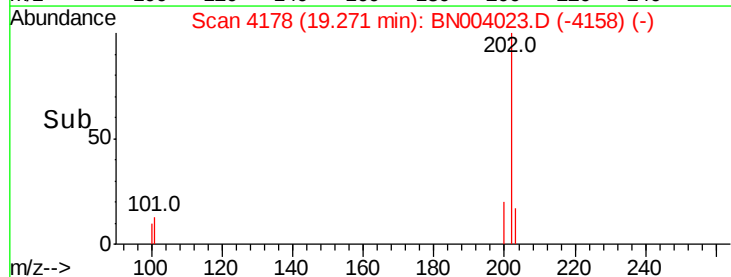
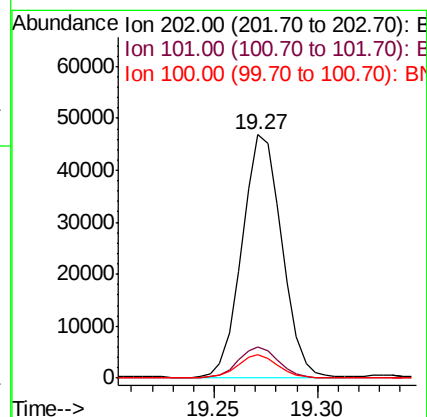
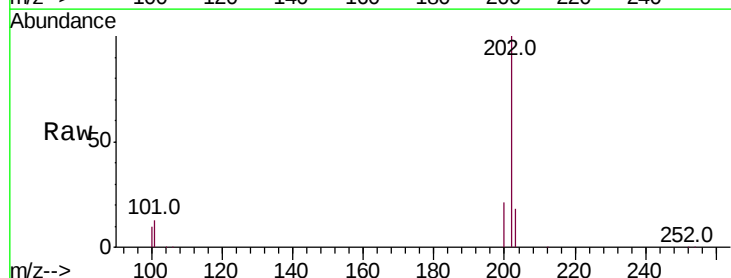
Tgt Ion:202 Resp: 63129

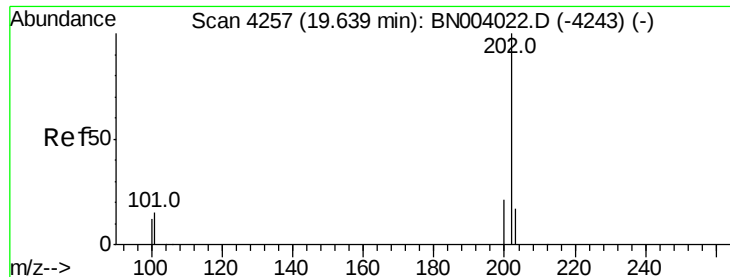
Ion Ratio Lower Upper

202 100

101 12.9 0.0 30.7

100 9.8 0.0 28.1





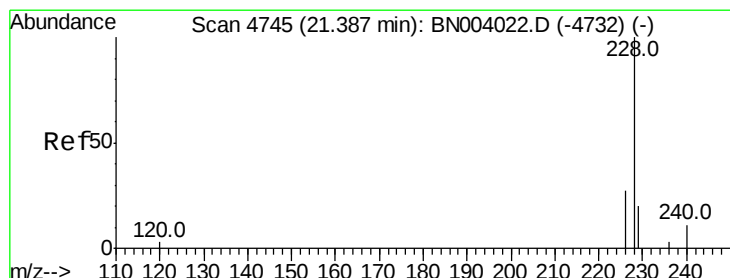
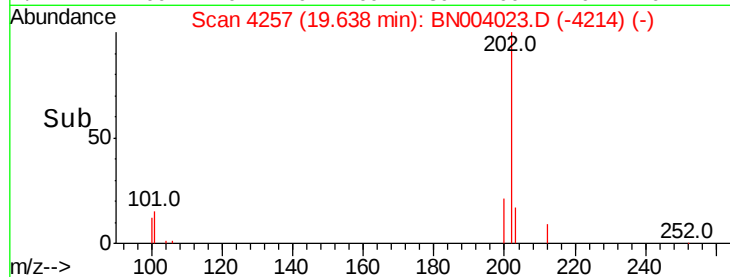
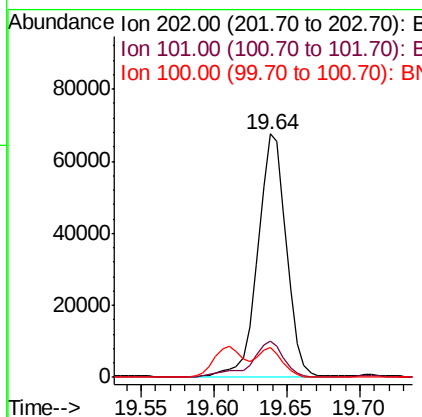
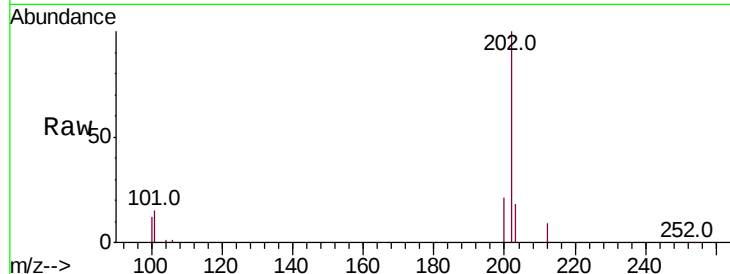
#17
Pvrene
Concen: 1.390 ng/ul
RT: 19.64 min Scan# 4257
Delta R.T. -0.00 min
Lab File: BN004023.D
Acq: 17 Dec 2018 07:46

Instrument :
BNA_N
ClientSampled :
F9F06

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.0	10.3	15.5
100	12.1	8.5	12.7

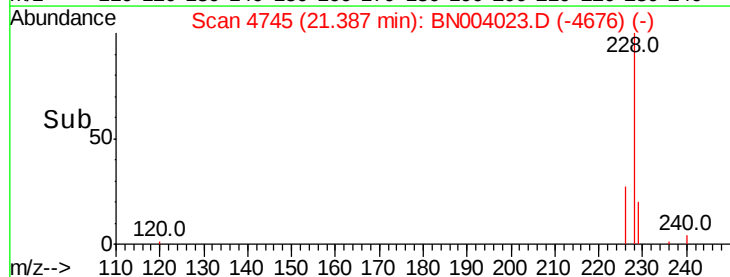
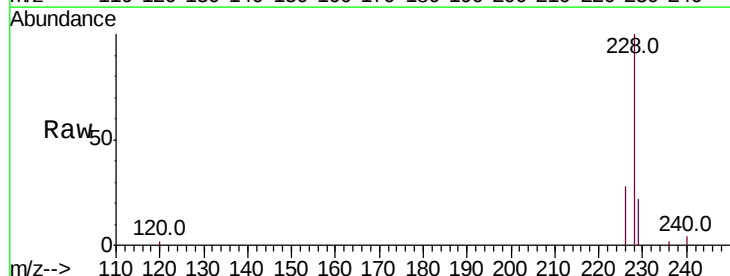
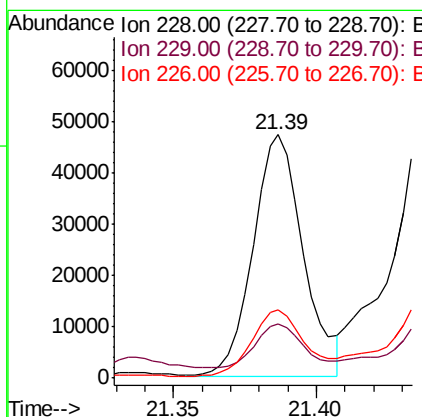
Manual Integrations
APPROVED

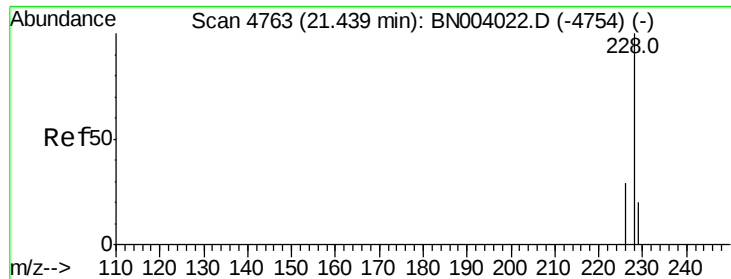
Sohil
12/17/2018 4:28:50 PM



#18
Benzo(a)anthracene
Concen: 0.992 ng/ul m
RT: 21.39 min Scan# 4745
Delta R.T. 0.00 min
Lab File: BN004023.D
Acq: 17 Dec 2018 07:46

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.6	23.4
226	28.1	21.1	31.7





#19

Chrysene

Concen: 1.234 ng/ul m

RT: 21.44 min Scan# 4763

Delta R.T. -0.00 min

Lab File: BN004023.D

Acq: 17 Dec 2018 07:46

Instrument :

BNA_N

ClientSampled :

F9F06

Tot Ion:228 Resp: 81806

Ion Ratio Lower Upper

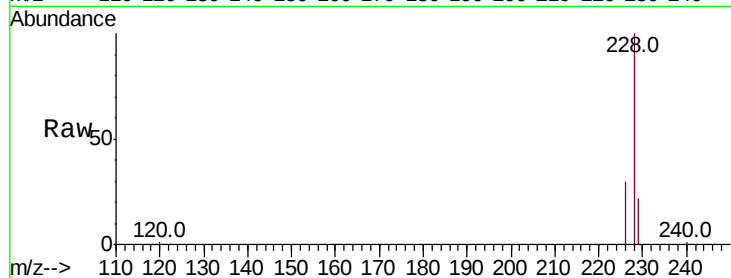
228 100

226 30.1 24.0 36.0

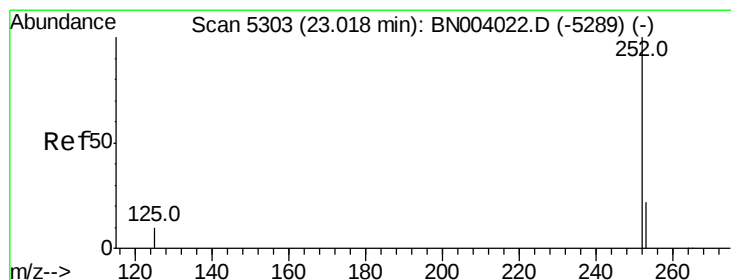
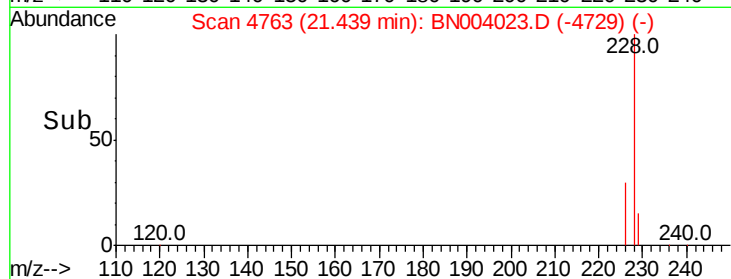
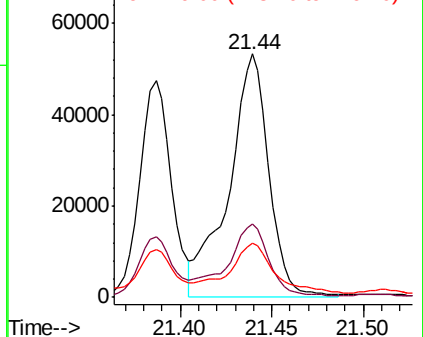
229 22.1 15.7 23.5

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:50 PM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 1.166 ng/ul m

RT: 23.02 min Scan# 5304

Delta R.T. -0.00 min

Lab File: BN004023.D

Acq: 17 Dec 2018 07:46

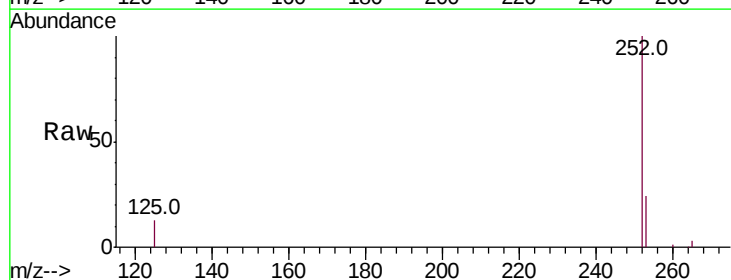
Tgt Ion:252 Resp: 74328

Ion Ratio Lower Upper

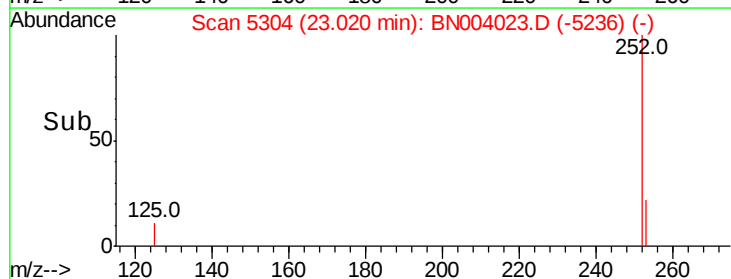
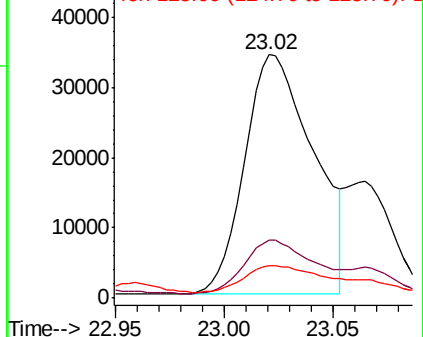
252 100

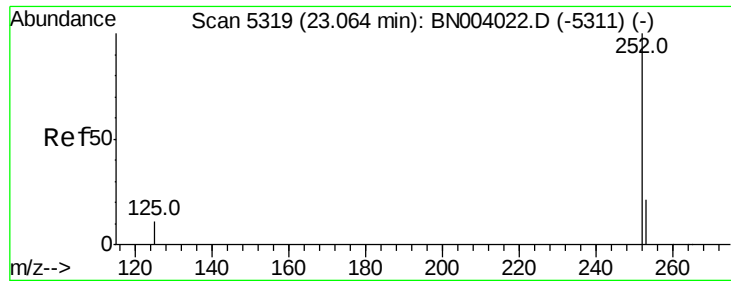
253 23.6 0.0 46.0

125 13.3 0.0 22.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





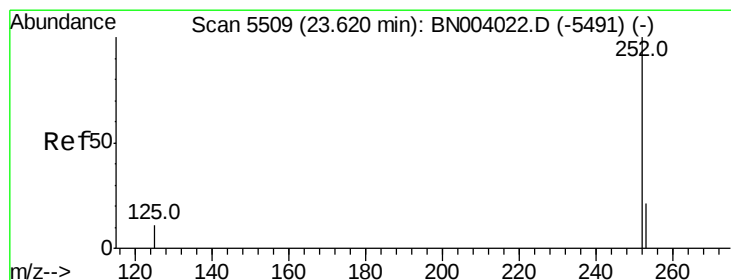
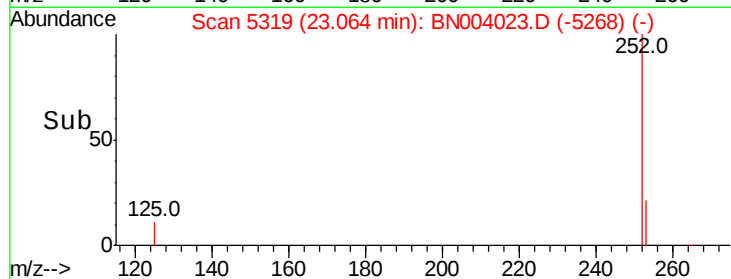
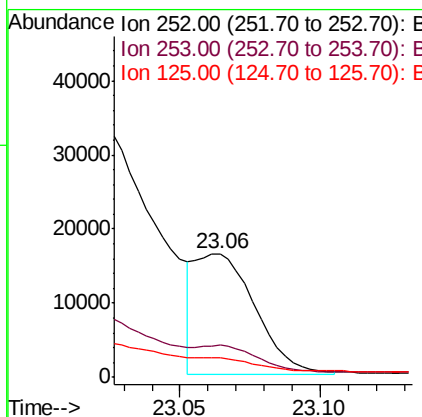
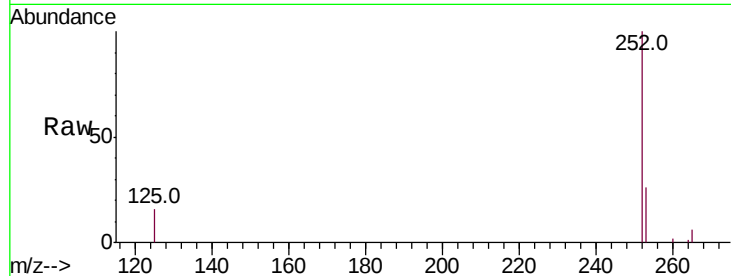
#22
Benzo(k)fluoranthene
Concen: 0.392 ng/ul m
RT: 23.06 min Scan# 5319
Delta R.T. -0.00 min
Lab File: BN004023.D
Acq: 17 Dec 2018 07:46

Instrument :
BNA_N
ClientSampled :
F9F06

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.5	27.7
125	15.7	9.0	13.6

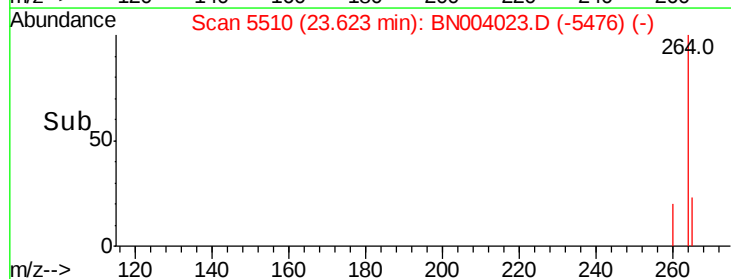
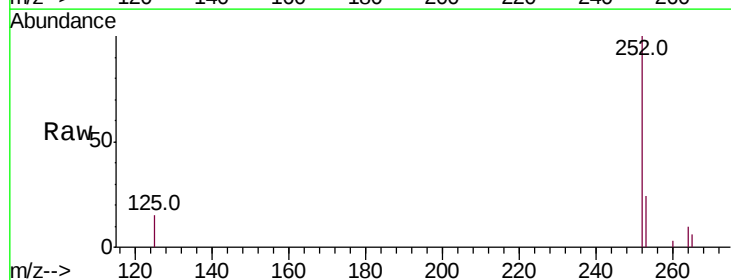
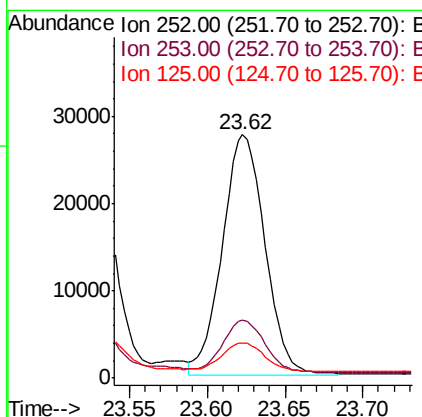
Manual Integrations
APPROVED

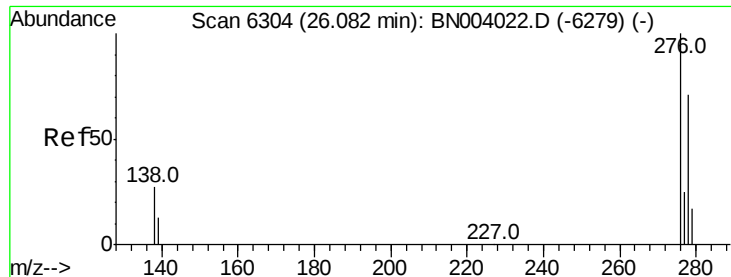
Sohil
12/17/2018 4:28:50 PM



#23
Benzo(a)pyrene
Concen: 0.950 ng/ul m
RT: 23.62 min Scan# 5510
Delta R.T. -0.00 min
Lab File: BN004023.D
Acq: 17 Dec 2018 07:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.0	28.4
125	14.5	10.2	15.4





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.577 ng/ul m

RT: 26.09 min Scan# 6305

Delta R.T. 0.00 min

Lab File: BN004023.D

Acq: 17 Dec 2018 07:46

Instrument :

BNA_N

ClientSampleId :

F9F06

Tot Ion:276 Resp: 36497

Ion Ratio Lower Upper

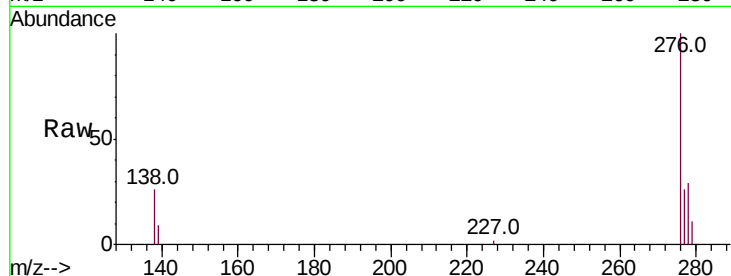
276 100

138 2.9 20.3 30.5#

227 0.0 0.2 0.2#

Manual Integrations
APPROVED

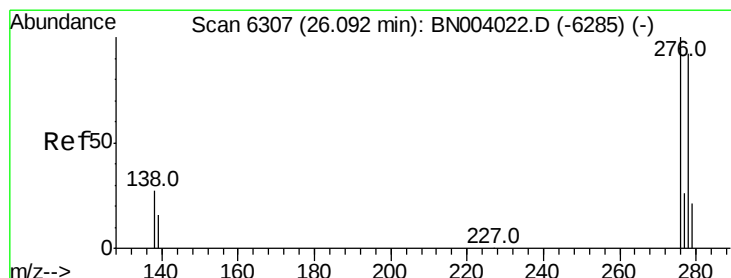
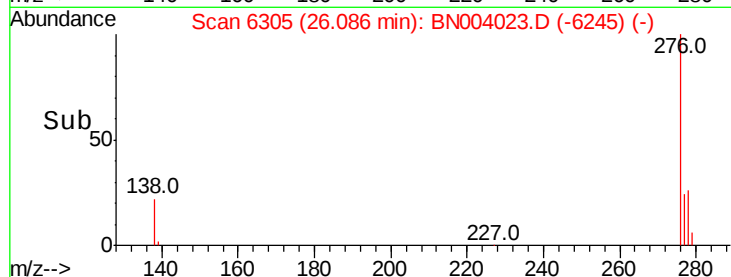
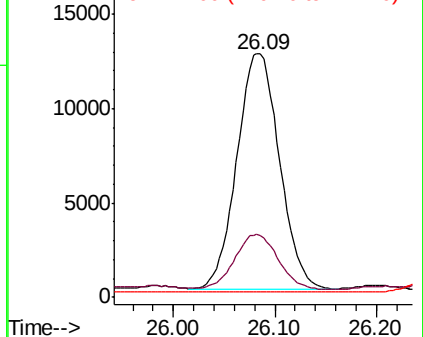
Sohil
12/17/2018 4:28:50 PM



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: 0.261 ng/ul m

RT: 26.09 min Scan# 6306

Delta R.T. -0.01 min

Lab File: BN004023.D

Acq: 17 Dec 2018 07:46

Tgt Ion:278 Resp: 13289

Ion Ratio Lower Upper

278 100

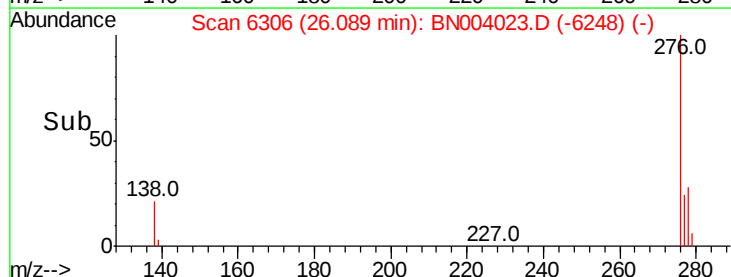
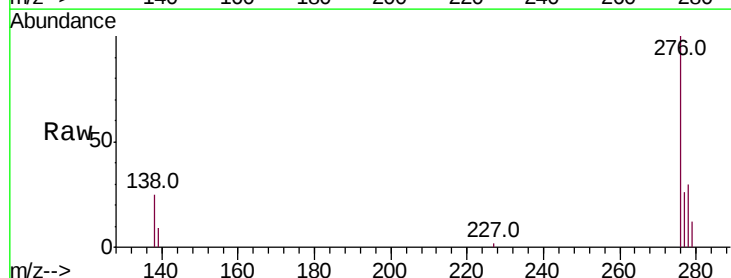
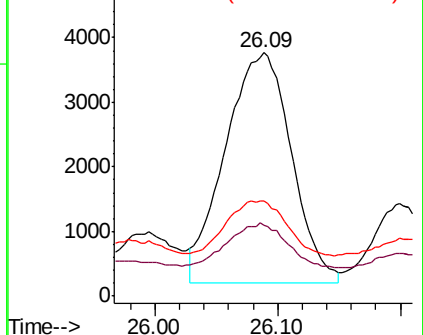
139 29.3 14.2 21.4#

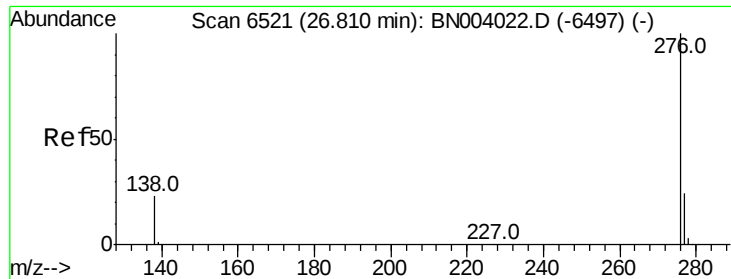
279 39.0 19.8 29.6#

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: 0.849 ng/ul m
RT: 26.82 min Scan# 6524
Delta R.T. 0.00 min
Lab File: BN004023.D
Acq: 17 Dec 2018 07:46

Instrument :
BNA_N
ClientSampleId :
F9F06

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	17.7	26.5
277	25.5	19.3	28.9

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:50 PM

