

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006346.D
 Acq On : 17 Jun 2019 14:07
 Operator : JU/SJ
 Sample : K3332-09DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 18 01:51:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

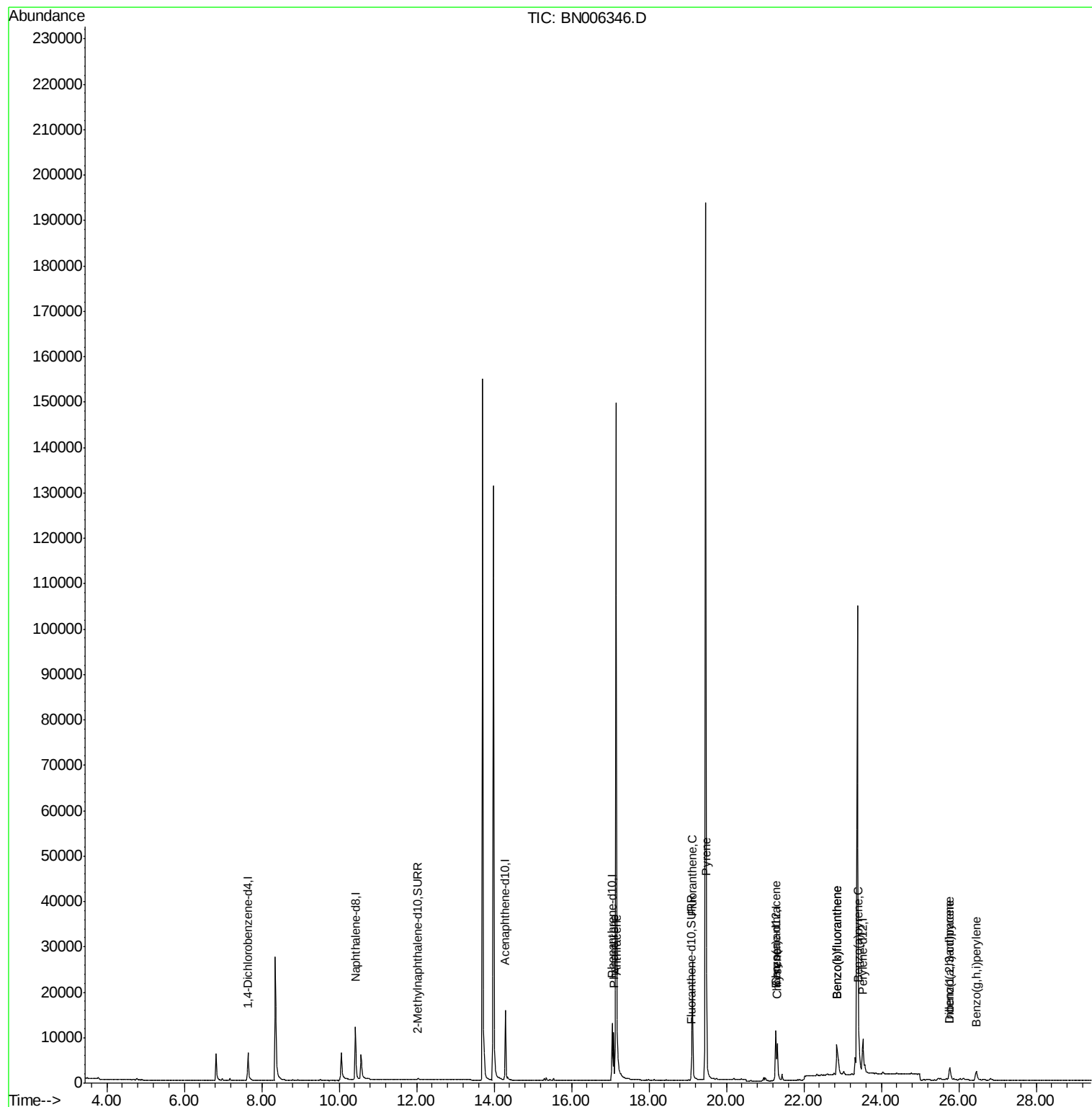
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4224	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	17121	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	8920	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	15645	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	9251	0.40	ng/ul	0.01
20) Perylene-d12	23.52	264	12852	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	924	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	1919	0.05	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.09	178	11635	0.232	ng/ul	99
13) Anthracene	17.18	178	2017	0.042	ng/ul#	87
15) Fluoranthene	19.12	202	24724	0.446	ng/ul	97
17) Pyrene	19.49	202	21007	0.431	ng/ul	99
18) Benzo(a)anthracene	21.26	228	7521	0.184	ng/ul	99
19) Chrysene	21.31	228	8904	0.232	ng/ul	99
21) Benzo(b)fluoranthene	22.85	252	15420	0.288	ng/ul	96
22) Benzo(k)fluoranthene	22.85	252	15420	0.295	ng/ul	97
23) Benzo(a)pyrene	23.42	252	6734	0.135	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.77	276	4954	0.092	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.77	278	1185	0.027	ng/ul#	60
26) Benzo(g,h,i)perylene	26.45	276	4226	0.093	ng/ul	96

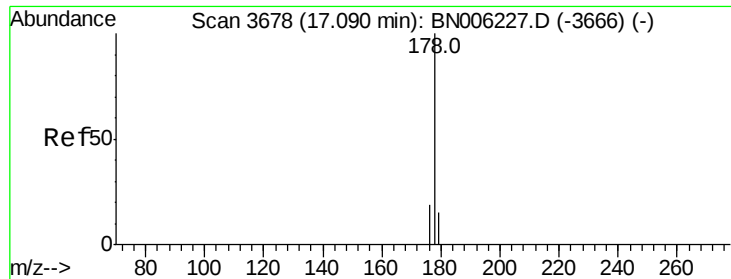
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 17 11:13:07 2019
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#12

Phenanthrene

Concen: 0.232 ng/ul

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN006346.D

Acq: 17 Jun 2019 14:07

Instrument :

BNA_N

ClientSampleId :

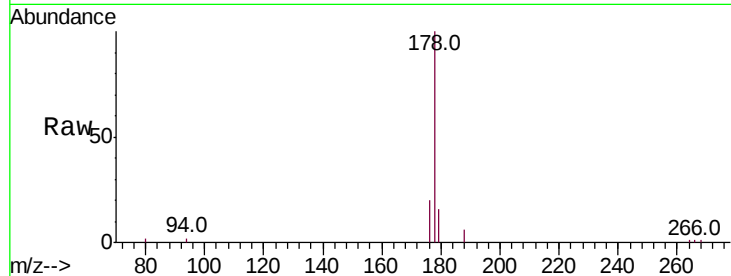
Tot Ion:178 Resp: 11635

Ion Ratio Lower Upper

178 100

179 16.0 12.3 18.5

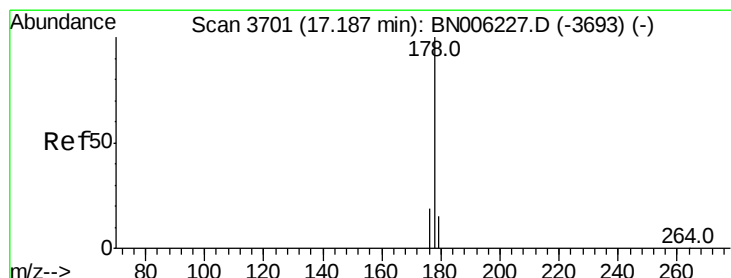
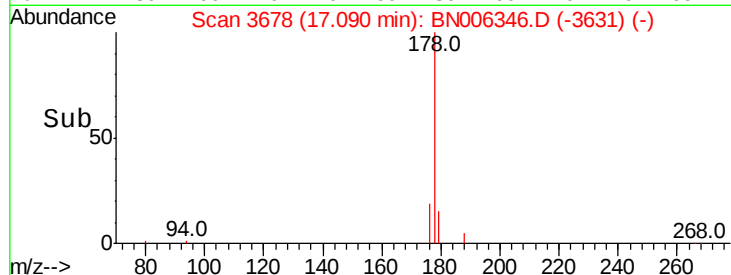
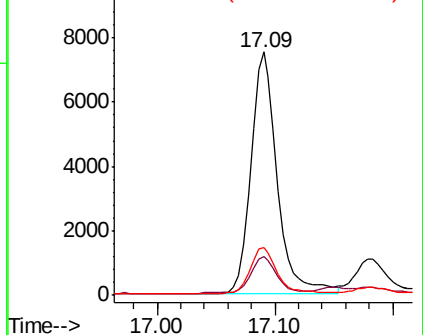
176 19.7 15.3 22.9



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



#13

Anthracene

Concen: 0.042 ng/ul

RT: 17.18 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN006346.D

Acq: 17 Jun 2019 14:07

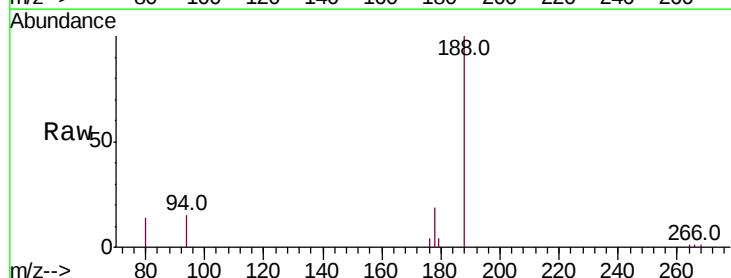
Tgt Ion:178 Resp: 2017

Ion Ratio Lower Upper

178 100

179 22.6 12.2 18.4#

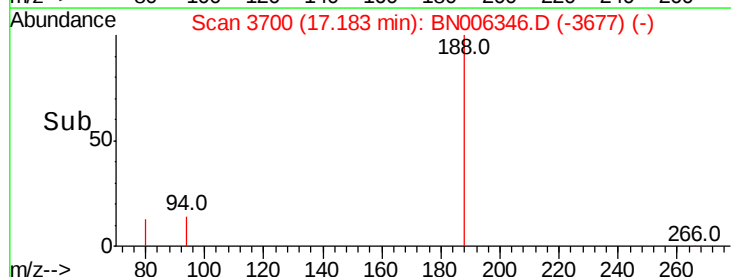
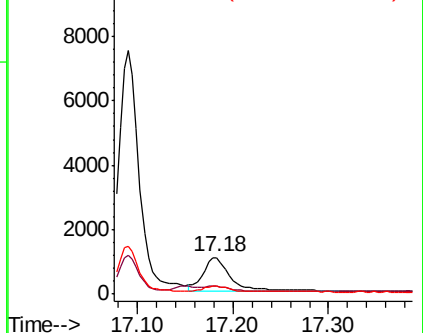
176 23.5 15.1 22.7#

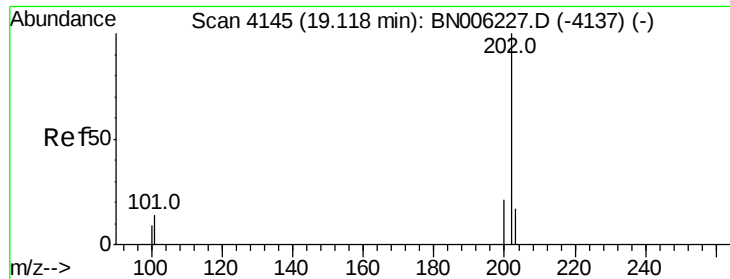


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

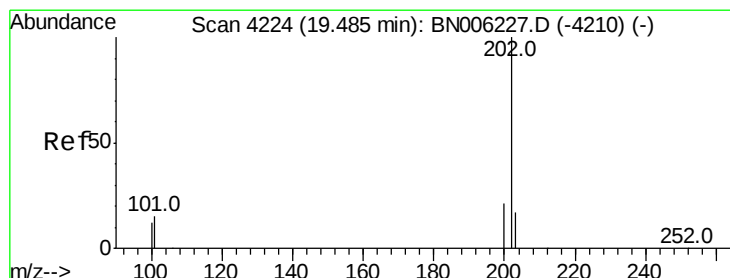
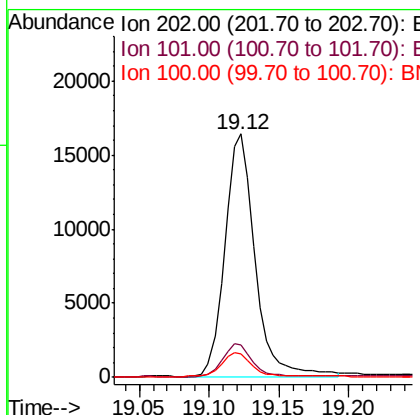
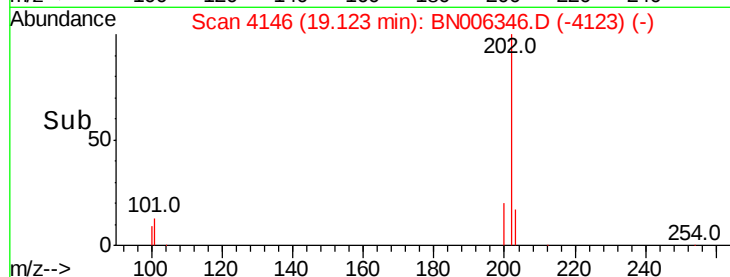
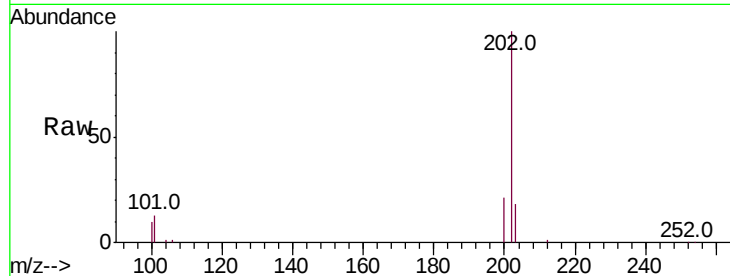




#15
 Fluoranthene
 Concen: 0.446 ng/ul
 RT: 19.12 min Scan# 4146
 Delta R.T. 0.00 min
 Lab File: BN006346.D
 Acq: 17 Jun 2019 14:07

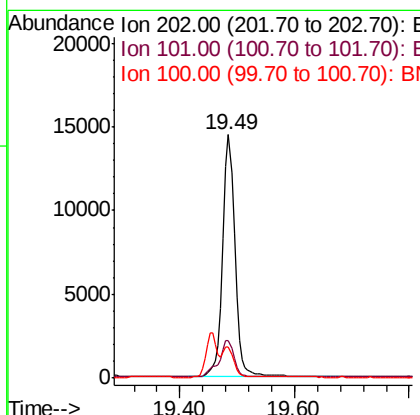
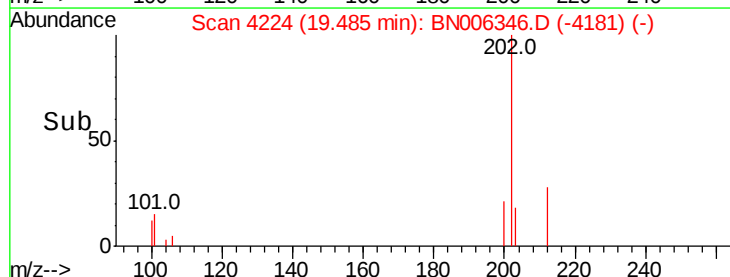
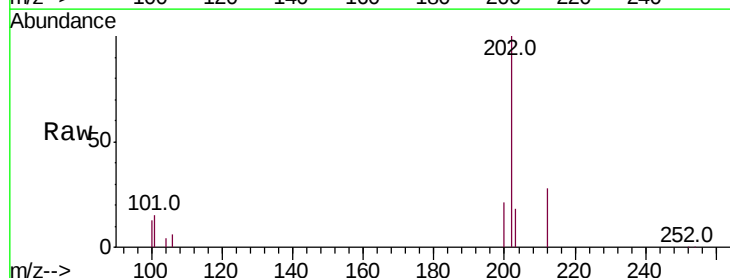
Instrument :
 BNA_N
 ClientSampleId :

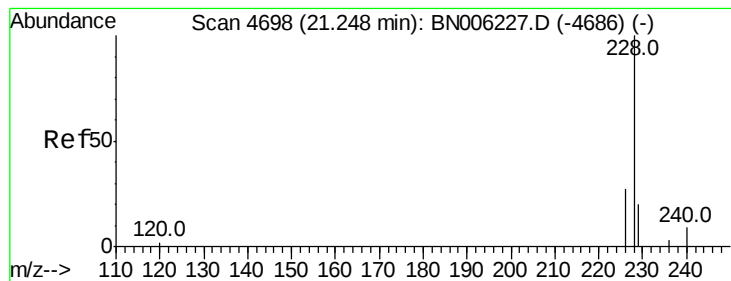
Tot Ion:202 Resp: 24724
 Ion Ratio Lower Upper
 202 100
 101 13.2 0.0 32.1
 100 9.6 0.0 28.7



#17
 Pyrene
 Concen: 0.431 ng/ul
 RT: 19.49 min Scan# 4224
 Delta R.T. -0.00 min
 Lab File: BN006346.D
 Acq: 17 Jun 2019 14:07

Tgt Ion:202 Resp: 21007
 Ion Ratio Lower Upper
 202 100
 101 15.3 12.2 18.2
 100 12.6 9.8 14.6





#18

Benzo(a)anthracene

Concen: 0.184 ng/ul

RT: 21.26 min Scan# 4703

Delta R.T. 0.01 min

Lab File: BN006346.D

Acq: 17 Jun 2019 14:07

Instrument :

BNA_N

ClientSampleId :

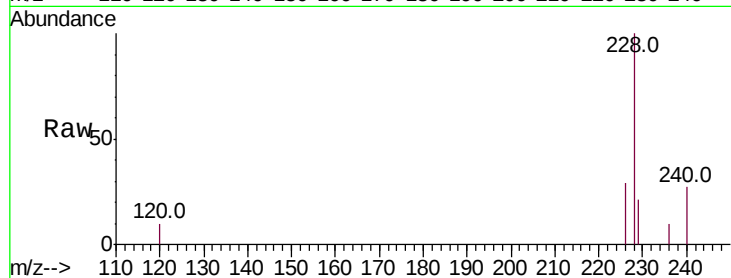
Tot Ion:228 Resp: 7521

Ion Ratio Lower Upper

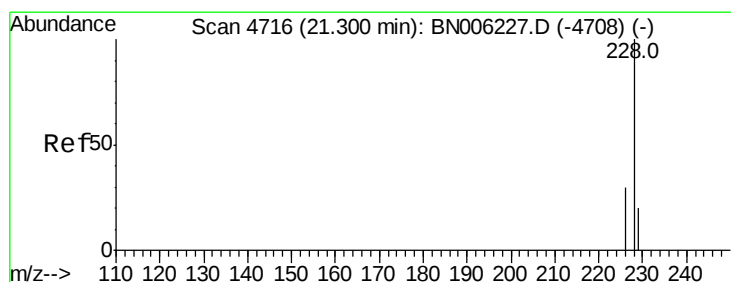
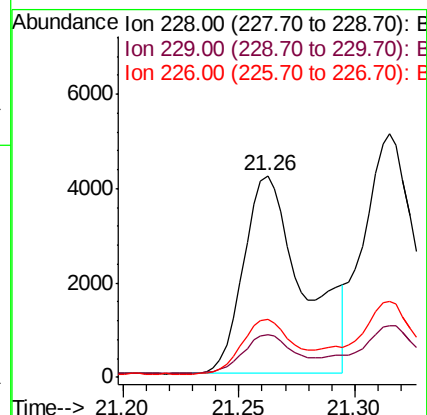
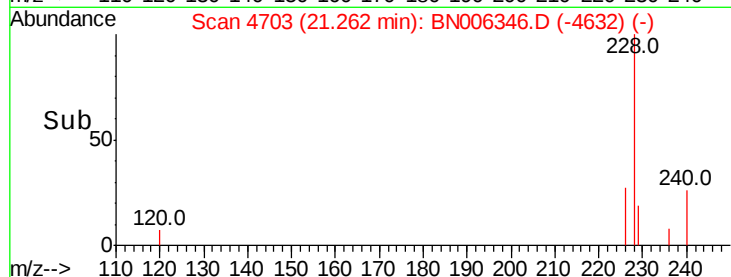
228 100

229 21.4 16.5 24.7

226 28.8 22.8 34.2



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: 0.232 ng/ul

RT: 21.31 min Scan# 4721

Delta R.T. 0.01 min

Lab File: BN006346.D

Acq: 17 Jun 2019 14:07

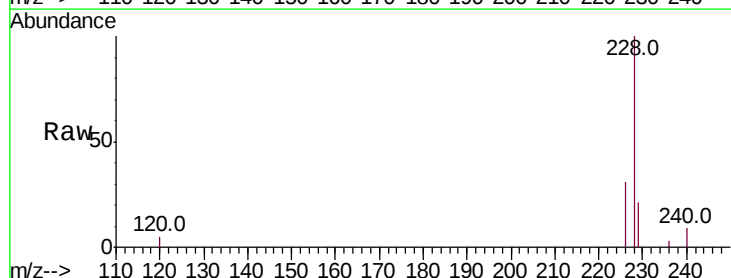
Tgt Ion:228 Resp: 8904

Ion Ratio Lower Upper

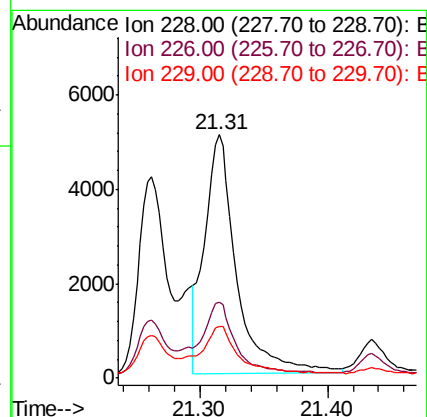
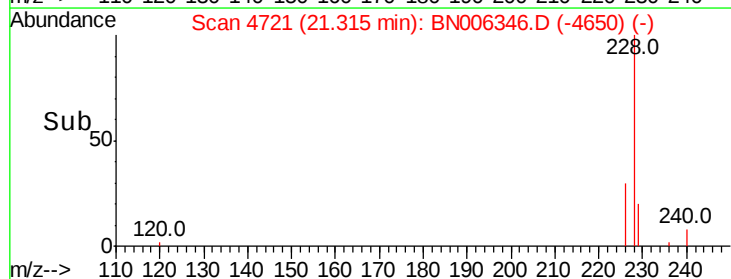
228 100

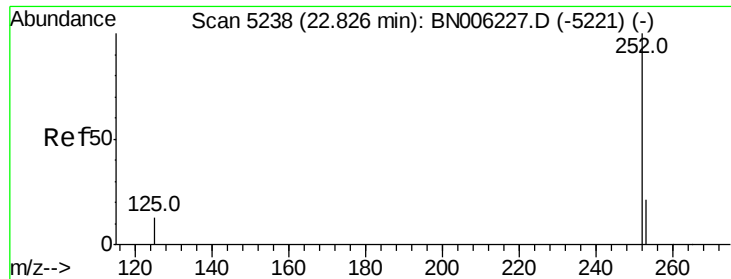
226 31.3 25.0 37.6

229 21.4 16.3 24.5



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: 0.288 ng/ul

RT: 22.85 min Scan# 5248

Delta R.T. 0.02 min

Lab File: BN006346.D

Acq: 17 Jun 2019 14:07

Instrument :

BNA_N

ClientSampleId :

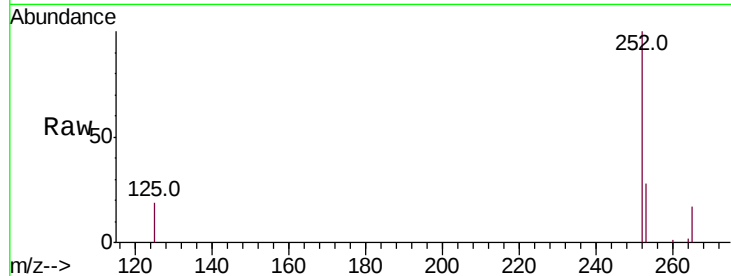
Tot Ion:252 Resp: 15420

Ion Ratio Lower Upper

252 100

253 27.7 0.0 51.4

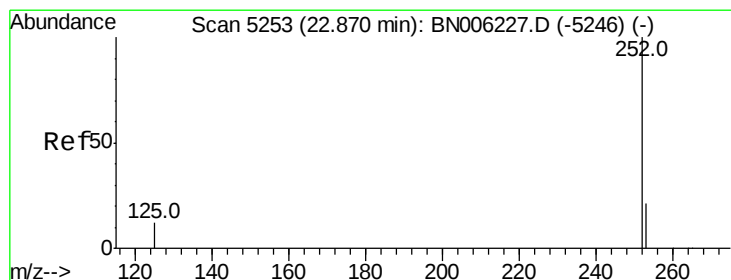
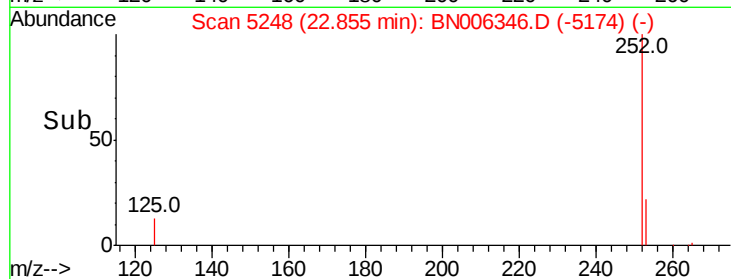
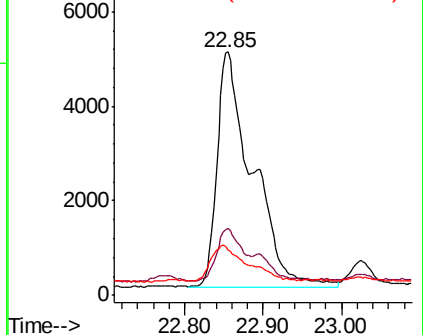
125 18.7 0.0 41.0



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: 0.295 ng/ul

RT: 22.85 min Scan# 5248

Delta R.T. -0.03 min

Lab File: BN006346.D

Acq: 17 Jun 2019 14:07

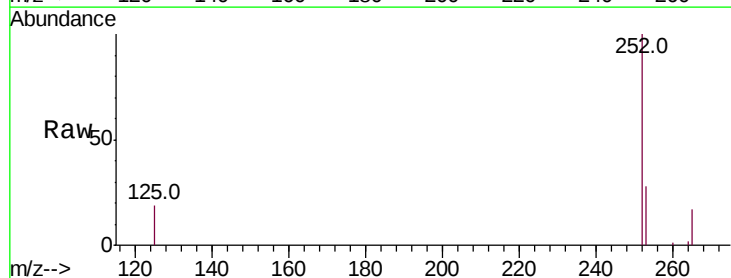
Tgt Ion:252 Resp: 15420

Ion Ratio Lower Upper

252 100

253 27.7 20.3 30.5

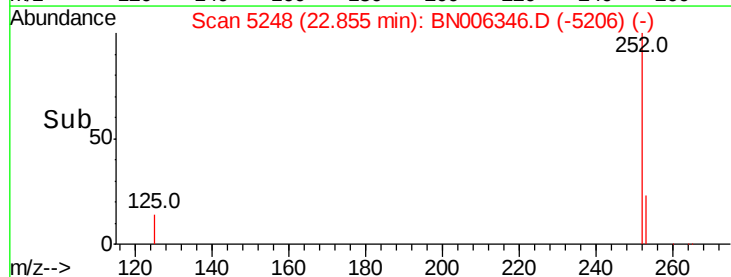
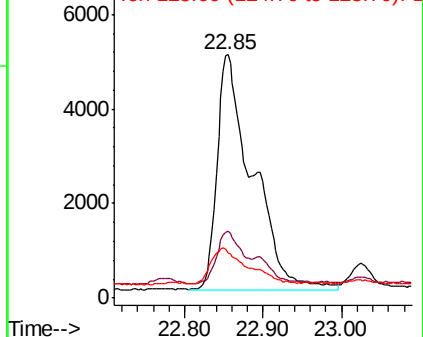
125 18.7 14.3 21.5

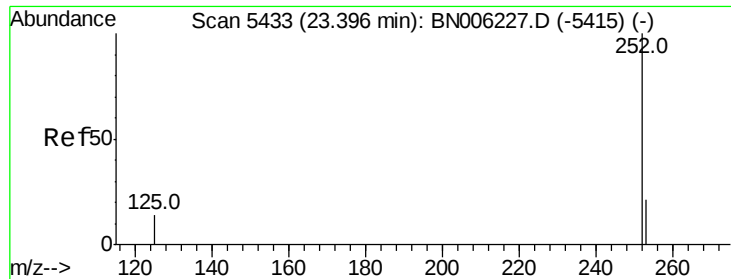


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.135 ng/ul

RT: 23.42 min Scan# 5442

Delta R.T. 0.01 min

Lab File: BN006346.D

Acq: 17 Jun 2019 14:07

Instrument :

BNA_N

ClientSampleId :

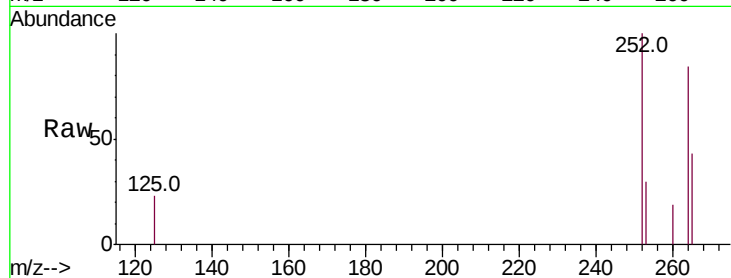
Tot Ion:252 Resp: 6734

Ion Ratio Lower Upper

252 100

253 29.7 21.1 31.7

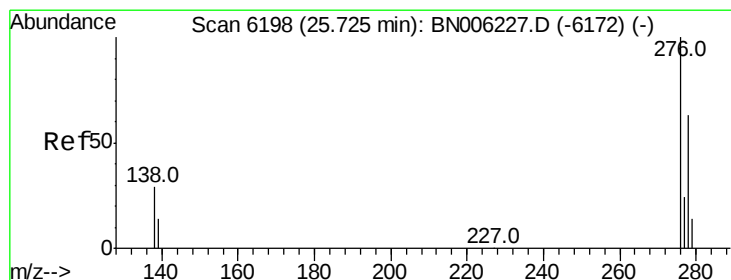
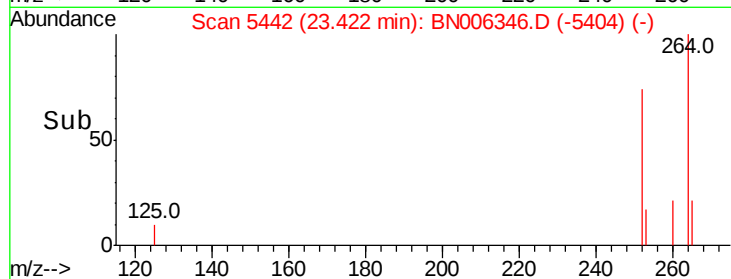
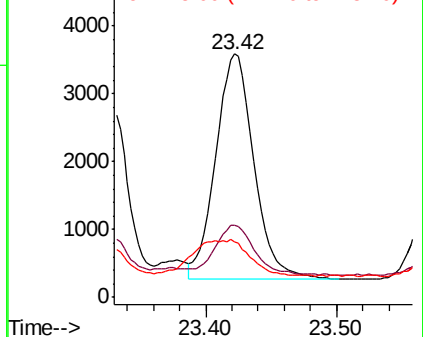
125 22.9 20.3 30.5



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.092 ng/ul

RT: 25.77 min Scan# 6210

Delta R.T. 0.02 min

Lab File: BN006346.D

Acq: 17 Jun 2019 14:07

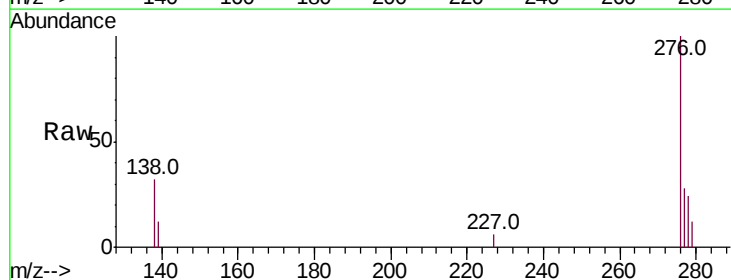
Tgt Ion:276 Resp: 4954

Ion Ratio Lower Upper

276 100

138 24.8 25.6 38.4#

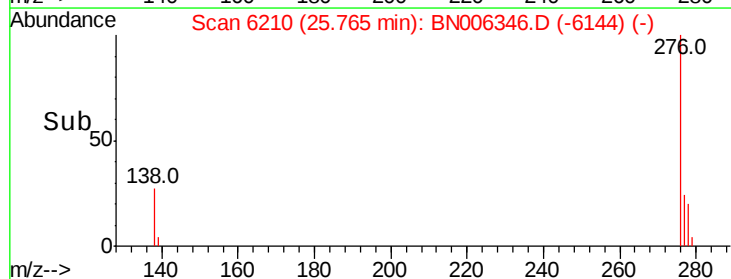
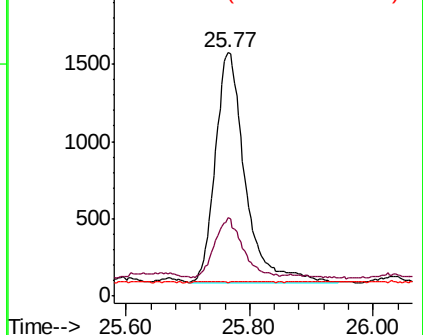
227 0.1 0.3 0.5#

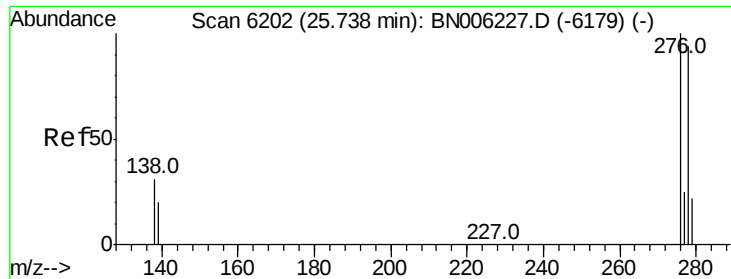


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

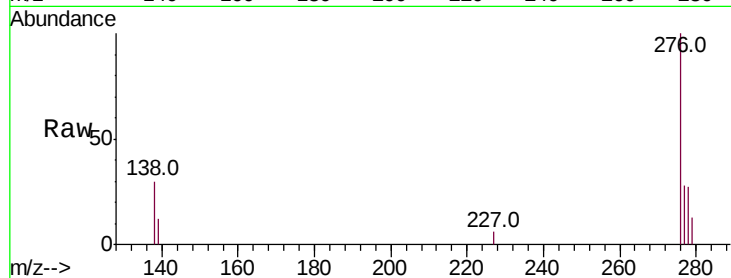




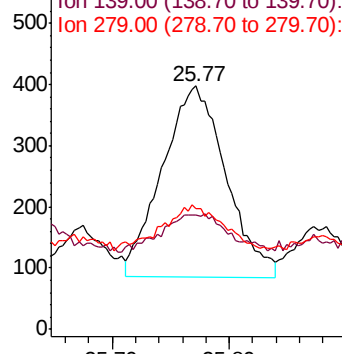
#25
Dibenzo(a,h)anthracene
Concen: 0.027 ng/u1
RT: 25.77 min Scan# 6212
Delta R.T. 0.02 min
Lab File: BN006346.D
Acq: 17 Jun 2019 14:07

Instrument :
BNA_N
ClientSampleId :

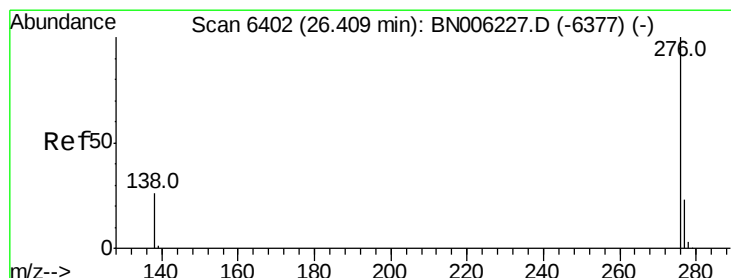
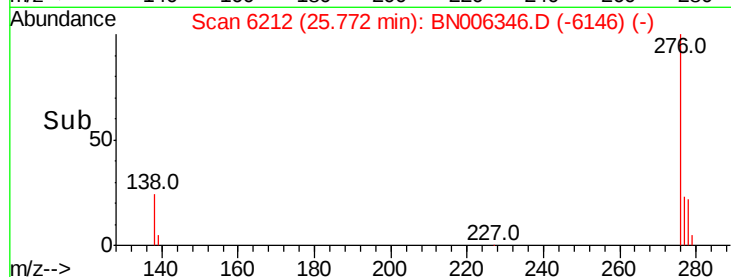
Tot Ion:278 Resp: 1185
Ion Ratio Lower Upper
278 100
139 46.7 21.2 31.8#
279 49.7 22.6 33.8#



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

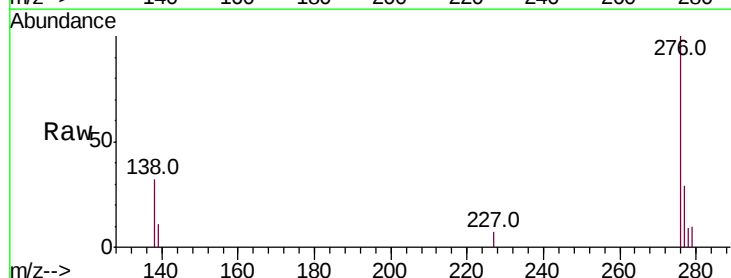


Time-->

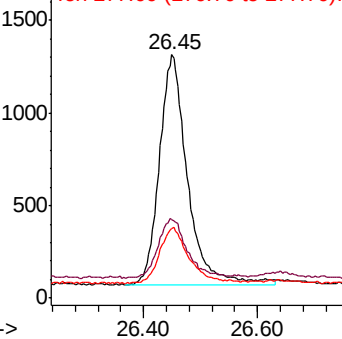


#26
Benzo(g,h,i)perylene
Concen: 0.093 ng/u1
RT: 26.45 min Scan# 6414
Delta R.T. 0.02 min
Lab File: BN006346.D
Acq: 17 Jun 2019 14:07

Tgt Ion:276 Resp: 4226
Ion Ratio Lower Upper
276 100
138 32.4 24.2 36.4
277 28.5 21.5 32.3



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->

