

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121319\
 Data File : BN008986.D
 Acq On : 14 Dec 2019 02:46
 Operator : JU
 Sample : PB123046BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS046

Quant Time: Dec 16 00:51:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 00:48:46 2019
 Response via : Initial Calibration

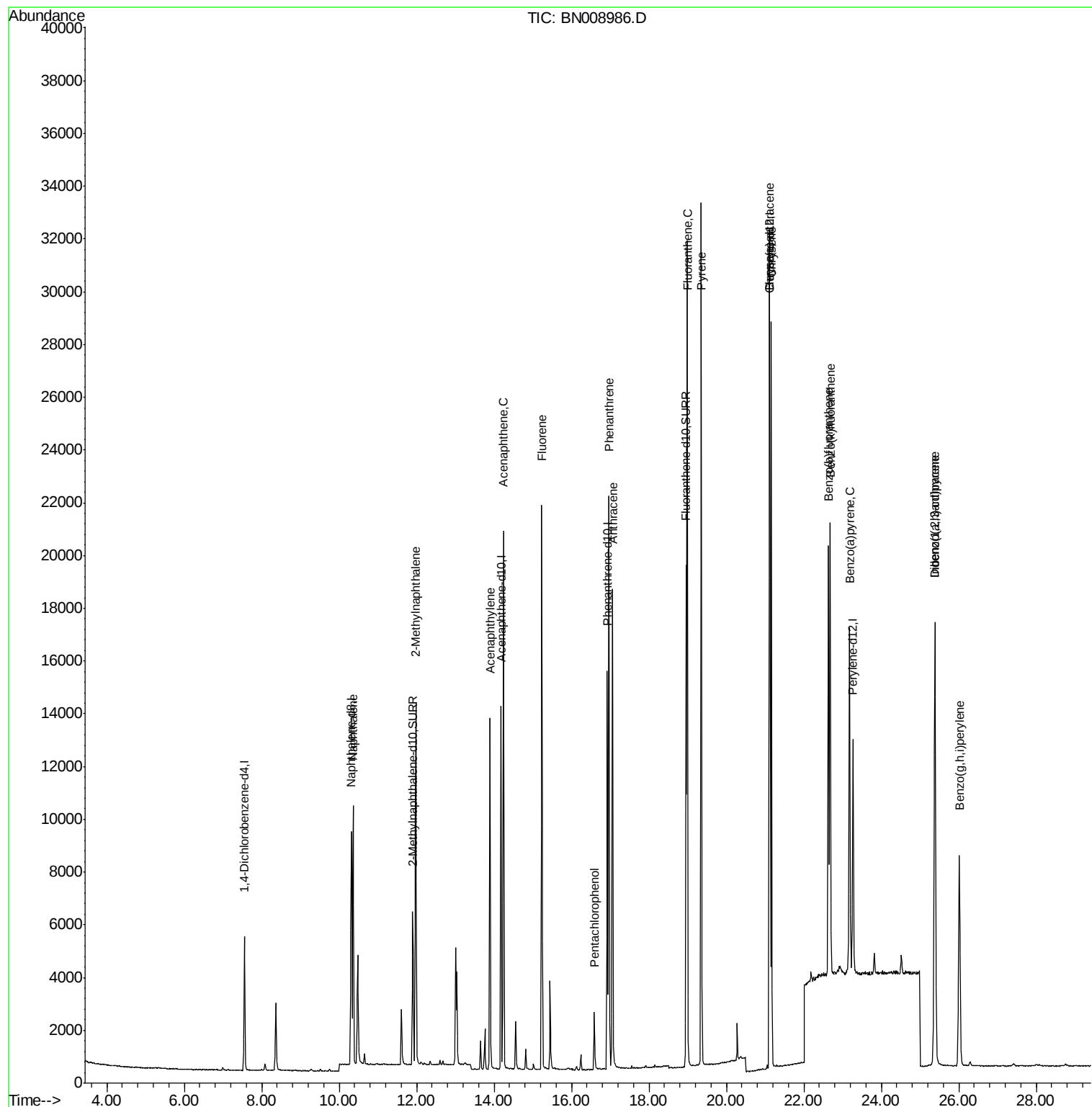
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2565	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	11098	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	7402	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.92	188	16453	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	13066	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	10670	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.90	152	7787	0.43	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	19634	0.39	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.36	128	13379	0.400	ng/ul	100
5) 2-Methylnaphthalene	11.98	142	9990	0.428	ng/ul	100
7) Acenaphthylene	13.89	152	14747	0.360	ng/ul	100
8) Acenaphthene	14.24	153	11437	0.377	ng/ul	99
9) Fluorene	15.24	166	13428	0.377	ng/ul	99
11) Pentachlorophenol	16.59	266	1640	0.263	ng/ul	100
12) Phenanthrene	16.97	178	22682	0.409	ng/ul	99
13) Anthracene	17.06	178	20507	0.391	ng/ul	100
15) Fluoranthene	18.99	202	26031	0.382	ng/ul	99
17) Pyrene	19.35	202	26062	0.497	ng/ul	98
18) Benzo(a)anthracene	21.11	228	23743	0.452	ng/ul	99
19) Chrysene	21.16	228	23326	0.452	ng/ul	100
21) Benzo(b)fluoranthene	22.64	252	19852	0.451	ng/ul	99
22) Benzo(k)fluoranthene	22.68	252	19623	0.450	ng/ul	99
23) Benzo(a)pyrene	23.18	252	17384	0.421	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.38	276	17835	0.369	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.39	278	14383	0.369	ng/ul	98
26) Benzo(g,h,i)perylene	26.01	276	14809	0.367	ng/ul	98

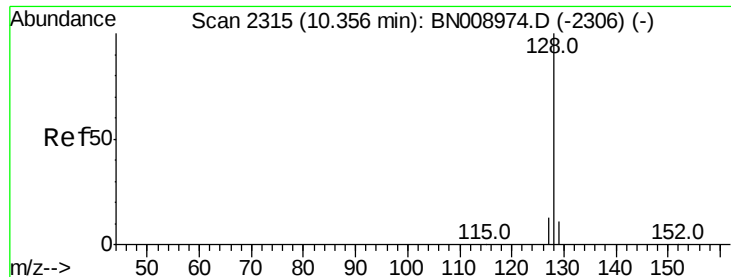
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.400 ng/ul

RT: 10.36 min Scan# 2315

Delta R.T. -0.00 min

Lab File: BN008986.D

Acq: 14 Dec 2019 02:46

Instrument :

BNA_N

ClientSampleId :

SLCS046

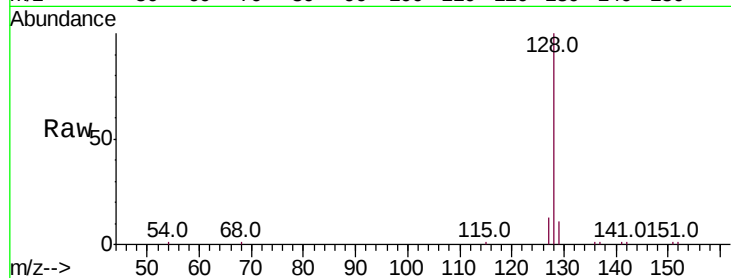
Tot Ion:128 Resp: 13379

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

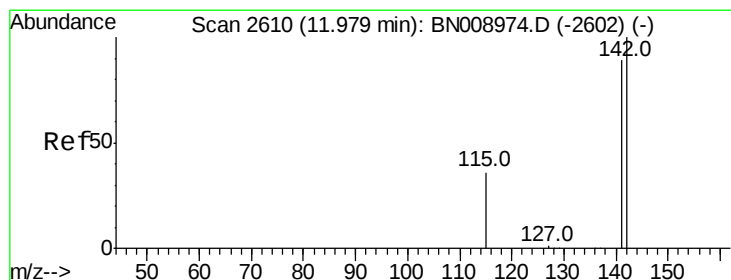
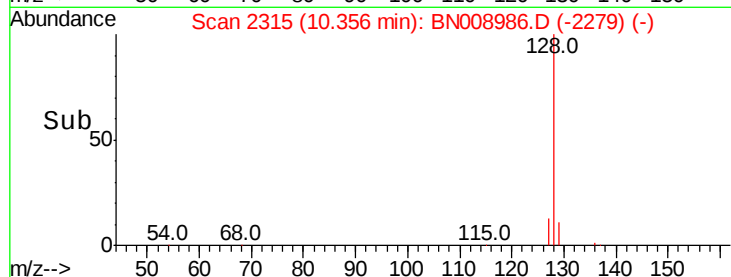
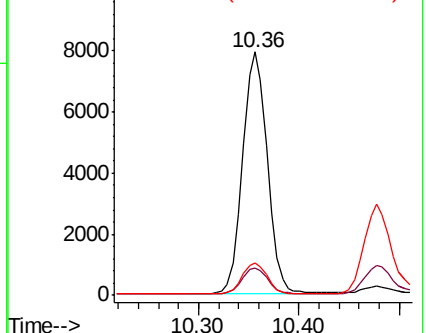
127 13.5 10.7 16.1



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: 0.428 ng/ul

RT: 11.98 min Scan# 2610

Delta R.T. -0.00 min

Lab File: BN008986.D

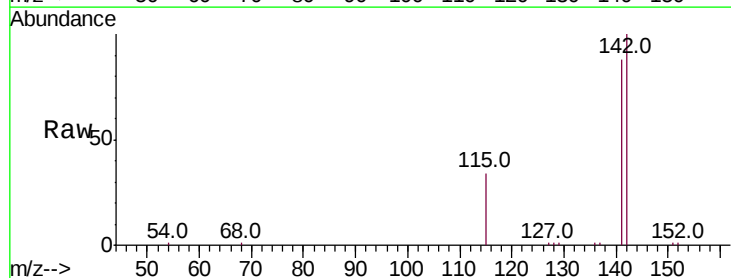
Acq: 14 Dec 2019 02:46

Tgt Ion:142 Resp: 9990

Ion Ratio Lower Upper

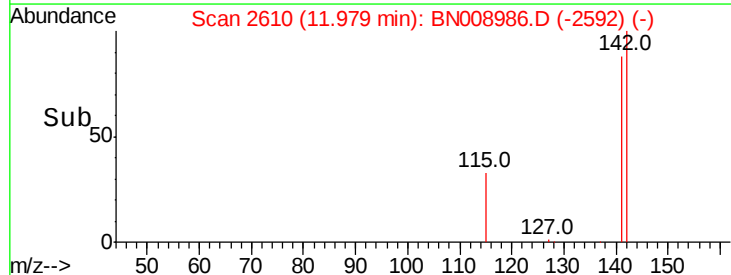
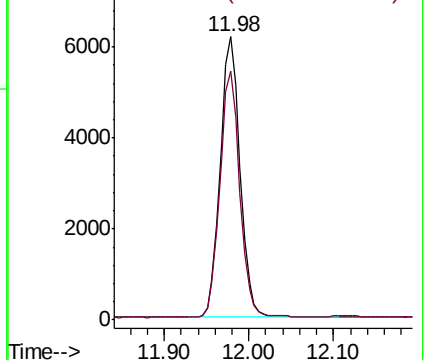
142 100

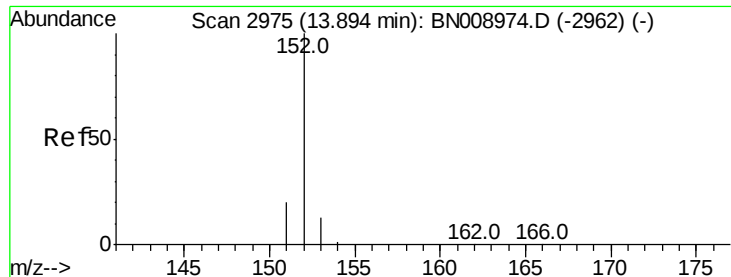
141 88.0 70.1 105.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.360 ng/ul

RT: 13.89 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BN008986.D

Acq: 14 Dec 2019 02:46

Instrument :

BNA_N

ClientSampleId :

SLCS046

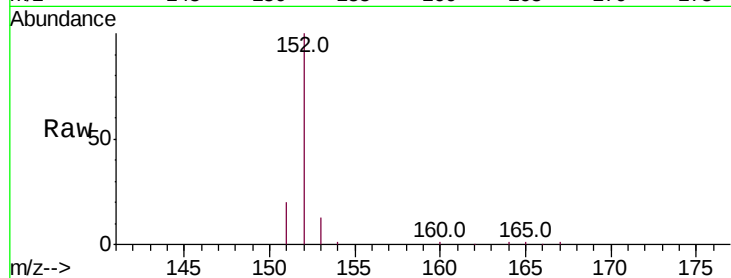
Tot Ion:152 Resp: 14747

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.6

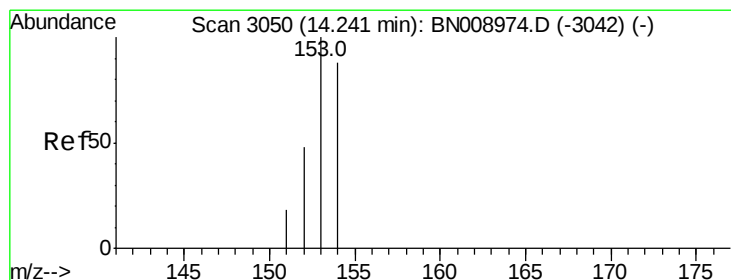
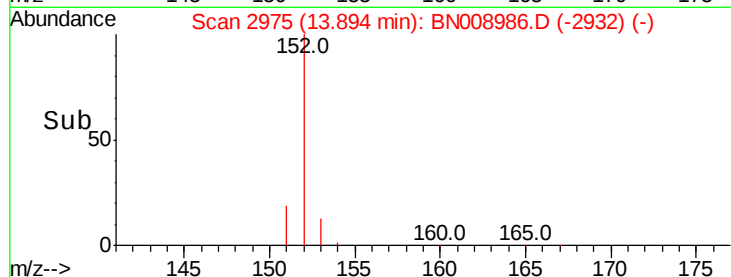
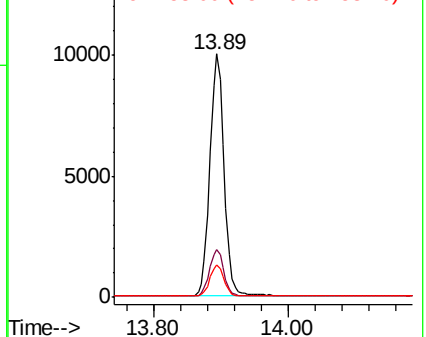
153 13.4 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.377 ng/ul

RT: 14.24 min Scan# 3050

Delta R.T. -0.00 min

Lab File: BN008986.D

Acq: 14 Dec 2019 02:46

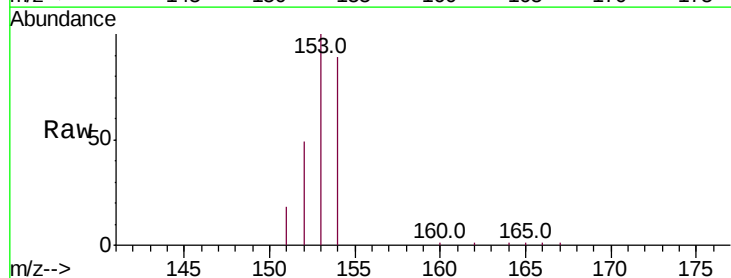
Tgt Ion:153 Resp: 11437

Ion Ratio Lower Upper

153 100

152 49.2 38.6 58.0

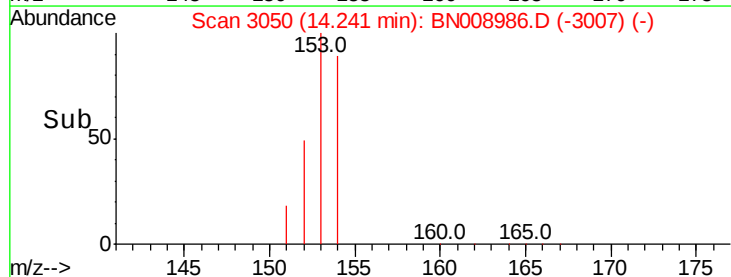
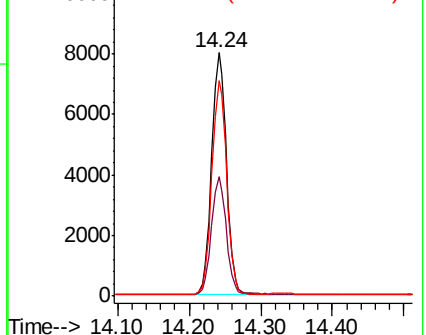
154 88.7 70.6 105.8

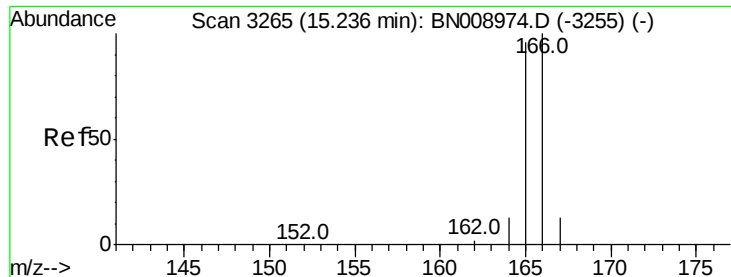


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.377 ng/ul

RT: 15.24 min Scan# 3265

Delta R.T. -0.00 min

Lab File: BN008986.D

Acq: 14 Dec 2019 02:46

Instrument :

BNA_N

ClientSampleId :

SLCS046

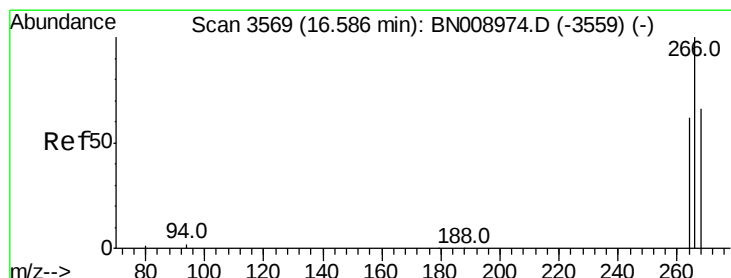
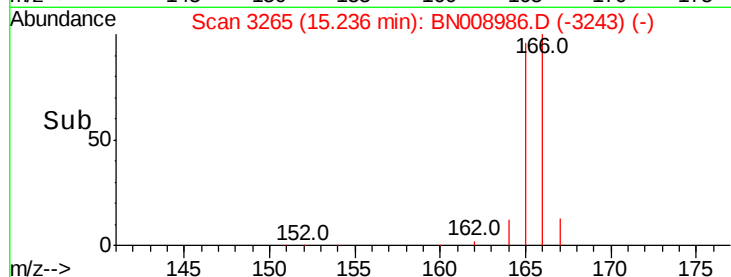
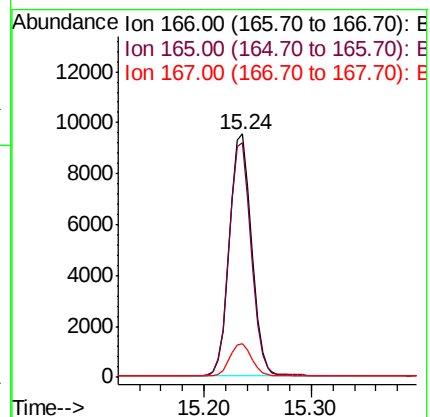
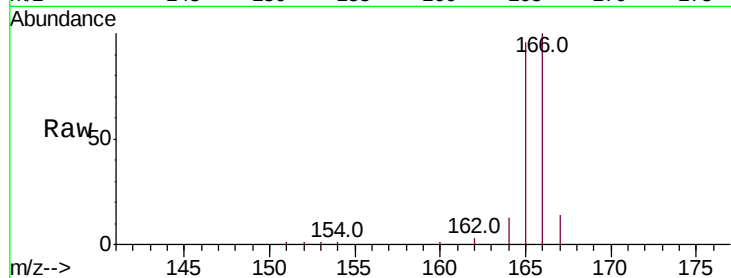
Tot Ion:166 Resp: 13428

Ion Ratio Lower Upper

166 100

165 96.2 77.7 116.5

167 13.8 11.1 16.7



#11

Pentachlorophenol

Concen: 0.263 ng/ul

RT: 16.59 min Scan# 3569

Delta R.T. -0.00 min

Lab File: BN008986.D

Acq: 14 Dec 2019 02:46

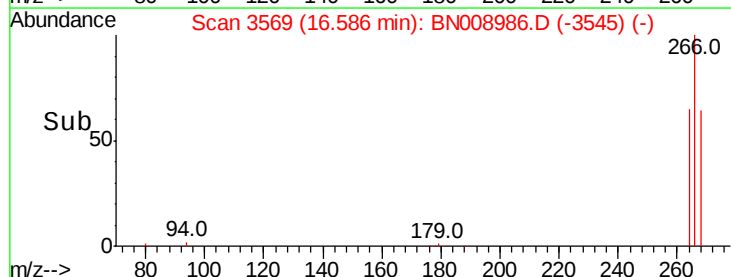
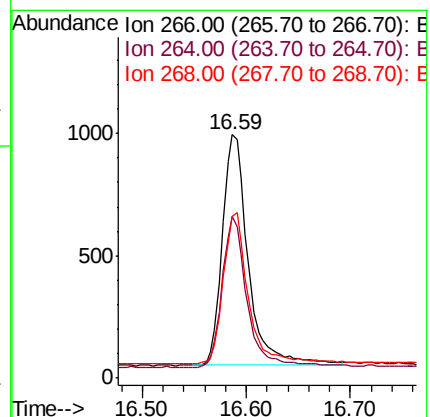
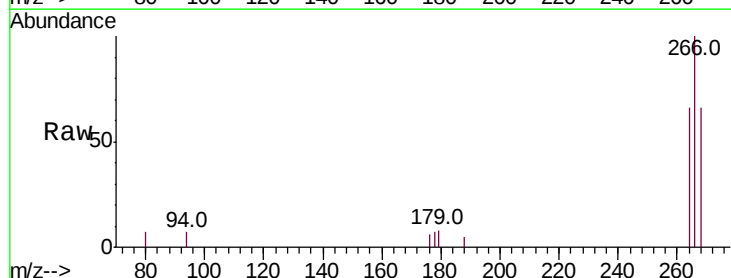
Tgt Ion:266 Resp: 1640

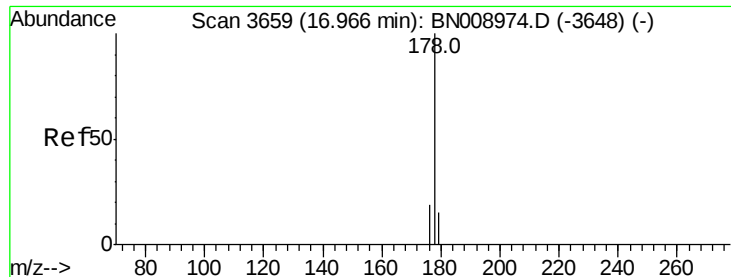
Ion Ratio Lower Upper

266 100

264 63.0 50.4 75.6

268 64.7 52.2 78.4





#12

Phenanthrene

Concen: 0.409 ng/ul

RT: 16.97 min Scan# 3659

Delta R.T. -0.00 min

Lab File: BN008986.D

Acq: 14 Dec 2019 02:46

Instrument :

BNA_N

ClientSampleId :

SLCS046

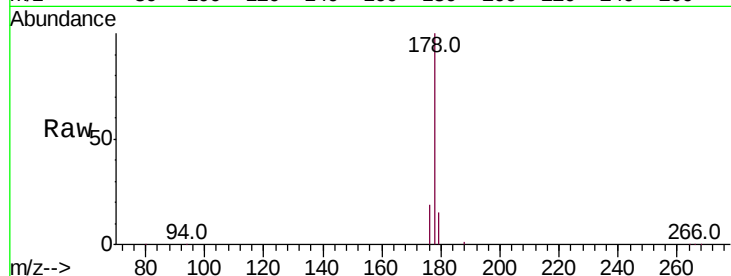
Tot Ion:178 Resp: 22682

Ion Ratio Lower Upper

178 100

179 15.4 12.6 18.8

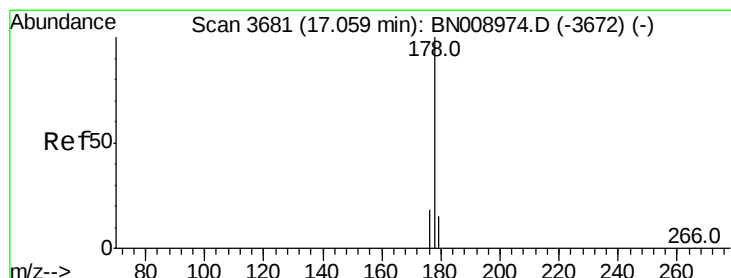
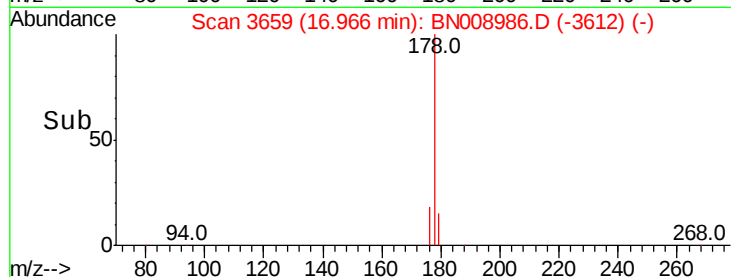
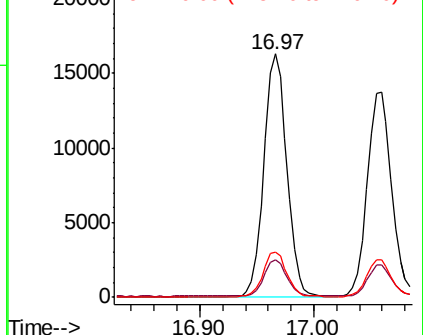
176 18.6 15.3 22.9



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: 0.391 ng/ul

RT: 17.06 min Scan# 3681

Delta R.T. -0.00 min

Lab File: BN008986.D

Acq: 14 Dec 2019 02:46

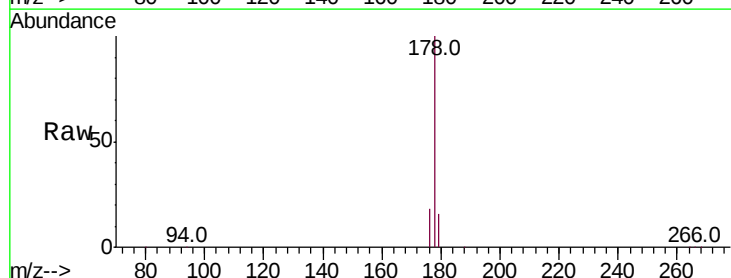
Tgt Ion:178 Resp: 20507

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

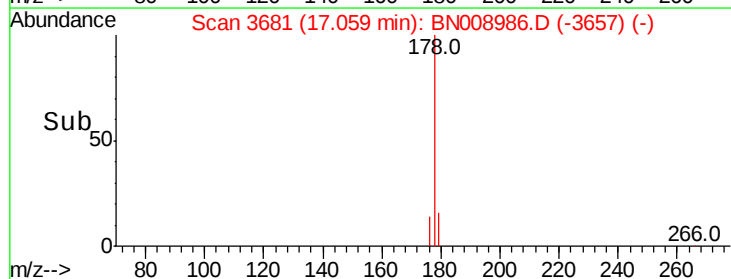
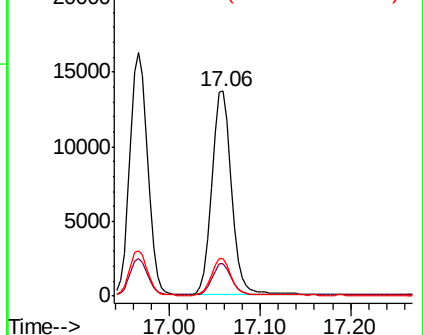
176 18.4 14.7 22.1

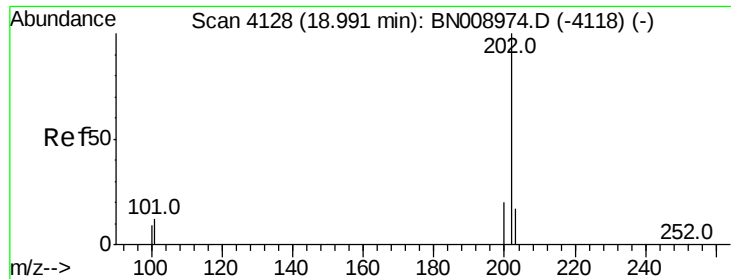


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.382 ng/ul

RT: 18.99 min Scan# 4128

Delta R.T. -0.00 min

Lab File: BN008986.D

Acq: 14 Dec 2019 02:46

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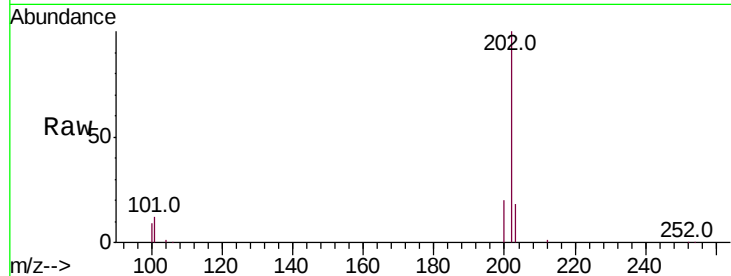
Tot Ion:202 Resp: 26031

Ion Ratio Lower Upper

202 100

101 12.0 0.0 32.4

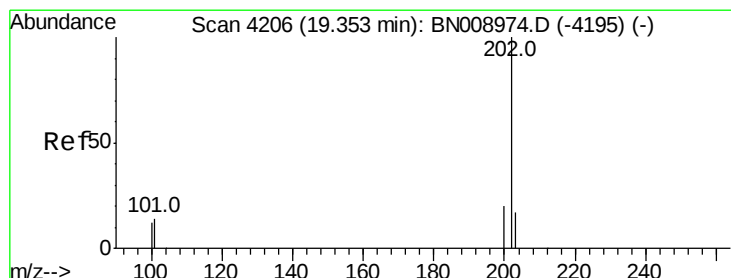
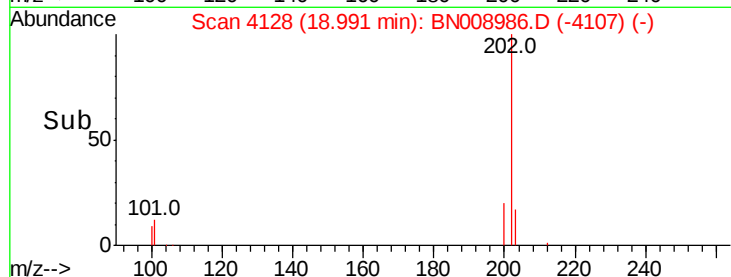
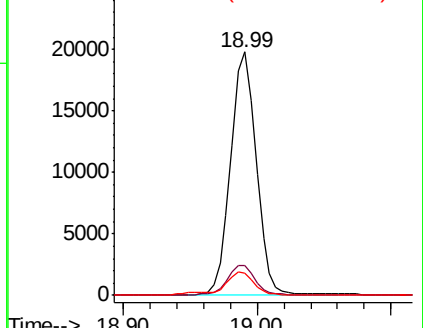
100 9.0 0.0 29.2



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: 0.497 ng/ul

RT: 19.35 min Scan# 4206

Delta R.T. -0.00 min

Lab File: BN008986.D

Acq: 14 Dec 2019 02:46

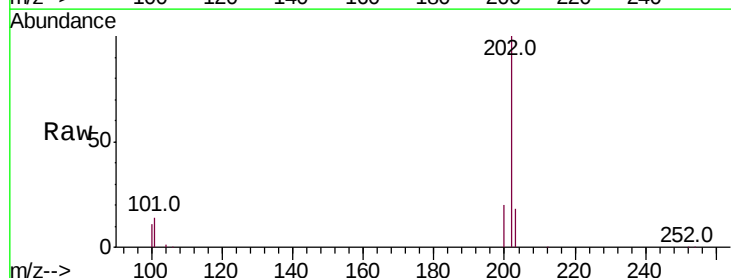
Tgt Ion:202 Resp: 26062

Ion Ratio Lower Upper

202 100

101 14.5 12.2 18.4

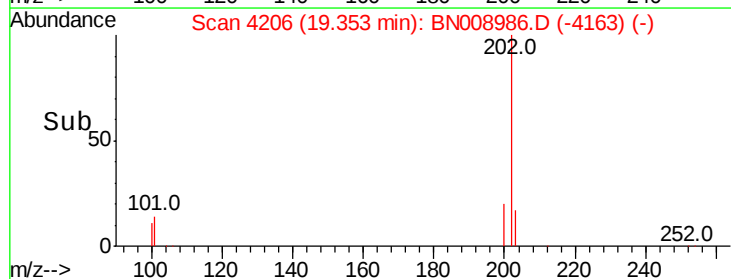
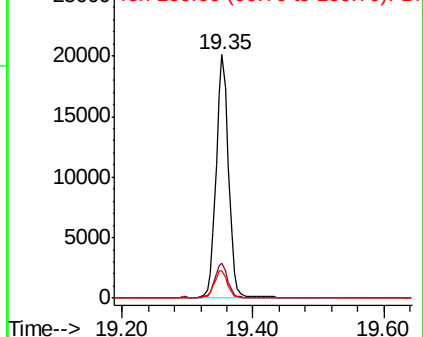
100 11.4 9.5 14.3

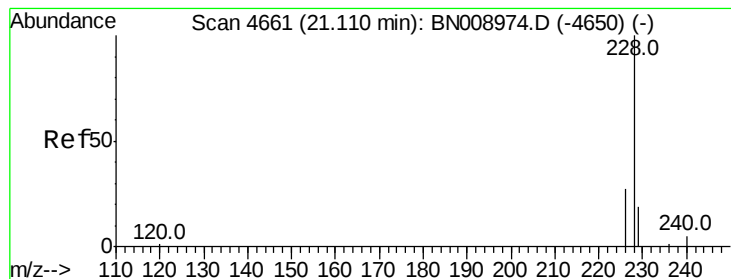


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.452 ng/ul

RT: 21.11 min Scan# 4662

Delta R.T. 0.00 min

Lab File: BN008986.D

Acq: 14 Dec 2019 02:46

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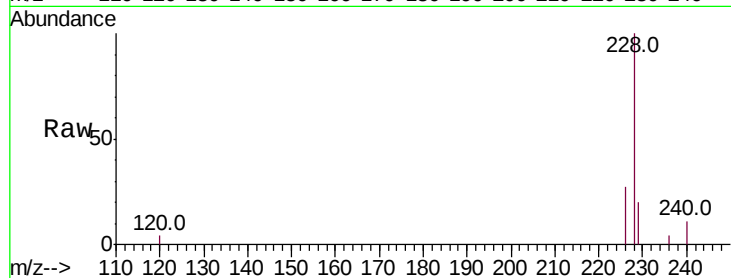
Tot Ion:228 Resp: 23743

Ion Ratio Lower Upper

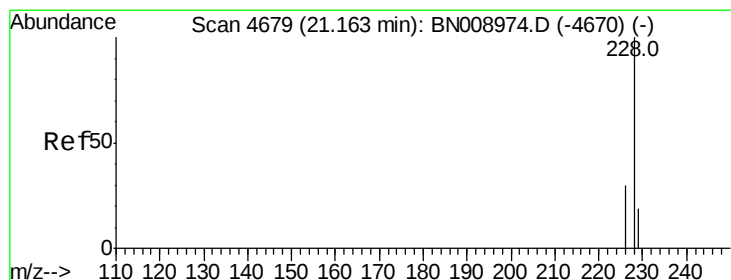
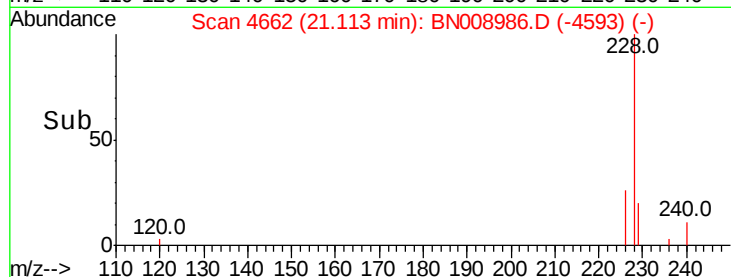
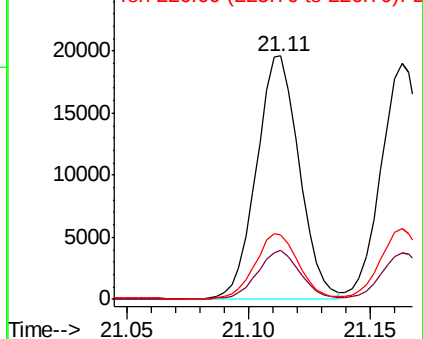
228 100

229 19.9 15.7 23.5

226 26.6 21.5 32.3



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: 0.452 ng/ul

RT: 21.16 min Scan# 4679

Delta R.T. -0.00 min

Lab File: BN008986.D

Acq: 14 Dec 2019 02:46

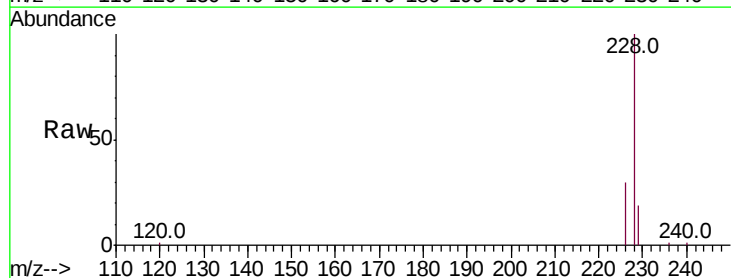
Tgt Ion:228 Resp: 23326

Ion Ratio Lower Upper

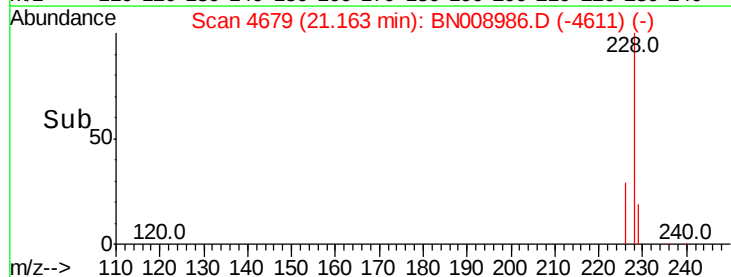
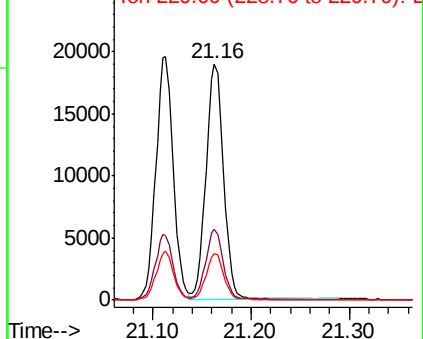
228 100

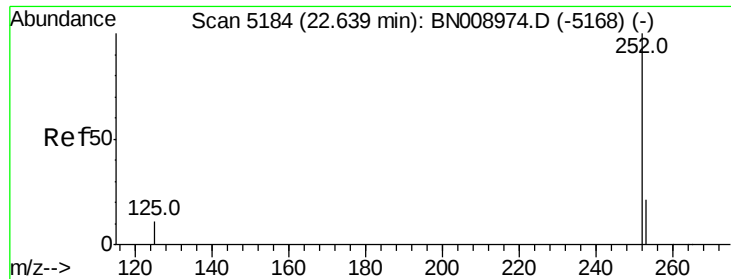
226 29.7 23.8 35.6

229 19.5 15.6 23.4



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: 0.451 ng/ul

RT: 22.64 min Scan# 5184

Delta R.T. -0.00 min

Lab File: BN008986.D

Acq: 14 Dec 2019 02:46

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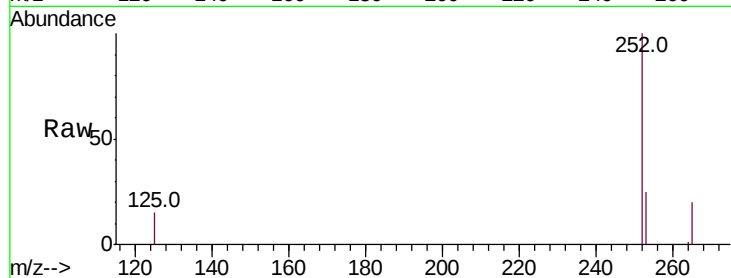
Tot Ion:252 Resp: 19852

Ion Ratio Lower Upper

252 100

253 24.8 0.0 48.6

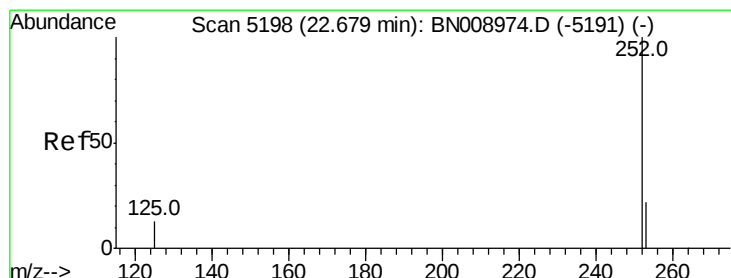
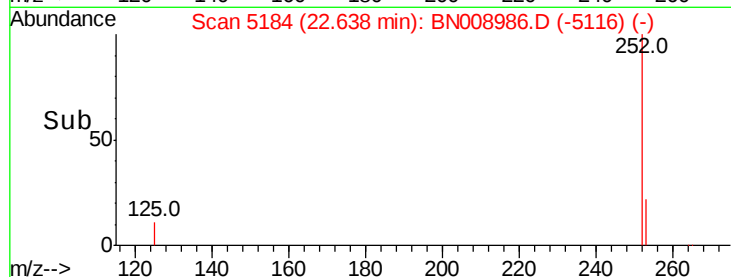
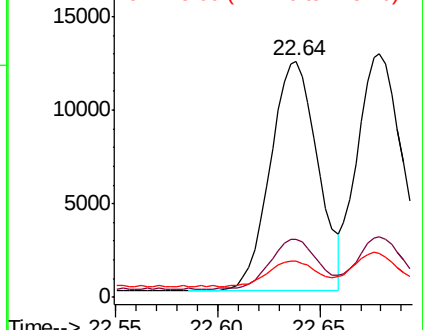
125 15.4 0.0 31.6



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: 0.450 ng/ul

RT: 22.68 min Scan# 5198

Delta R.T. -0.00 min

Lab File: BN008986.D

Acq: 14 Dec 2019 02:46

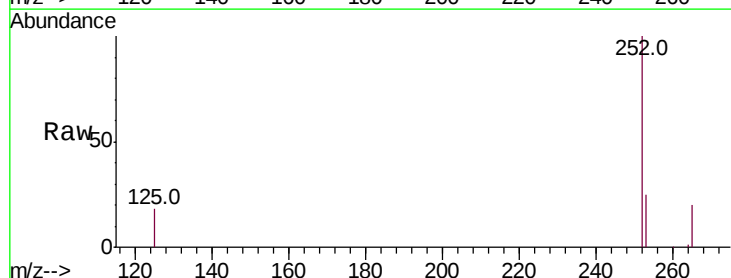
Tgt Ion:252 Resp: 19623

Ion Ratio Lower Upper

252 100

253 25.0 19.6 29.4

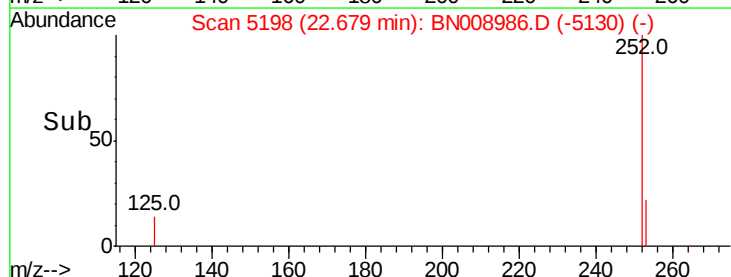
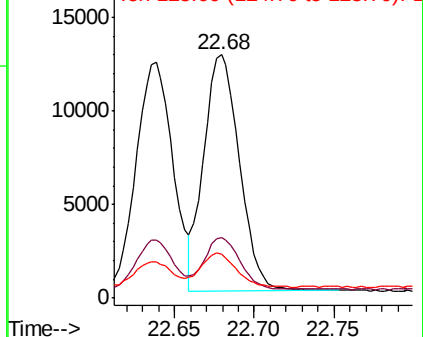
125 17.9 13.8 20.6

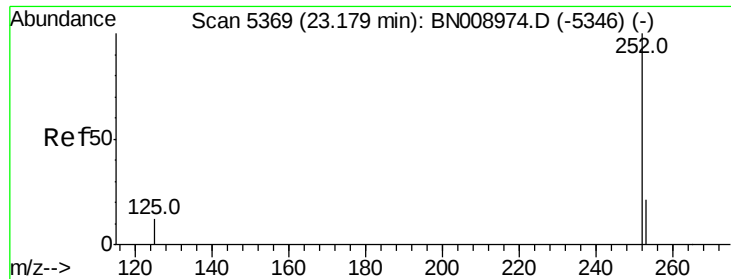


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.421 ng/u1

RT: 23.18 min Scan# 5369

Delta R.T. -0.00 min

Lab File: BN008986.D

Acq: 14 Dec 2019 02:46

Instrument :

BNA_N

ClientSampleId :

SLCS046

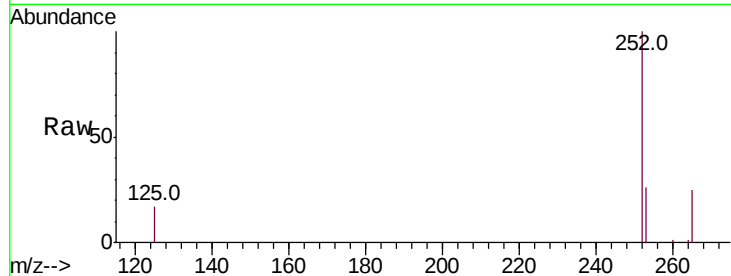
Tot Ion:252 Resp: 17384

Ion Ratio Lower Upper

252 100

253 25.6 19.9 29.9

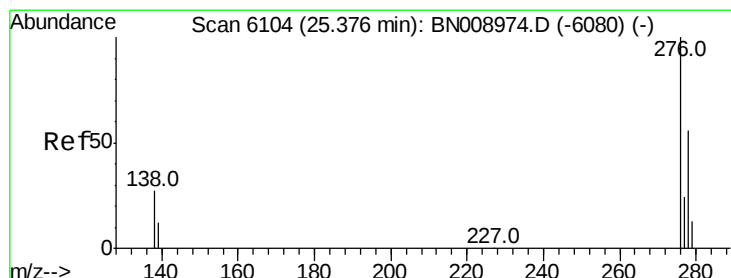
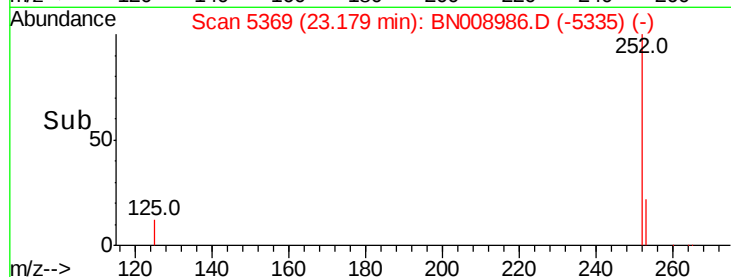
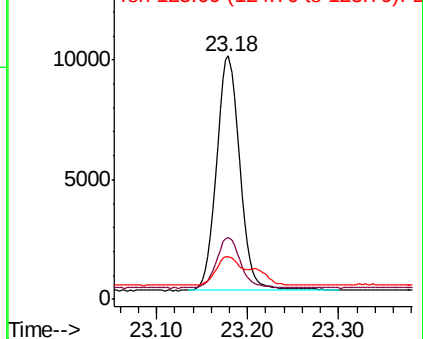
125 17.4 14.6 22.0



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.369 ng/u1

RT: 25.38 min Scan# 6105

Delta R.T. 0.00 min

Lab File: BN008986.D

Acq: 14 Dec 2019 02:46

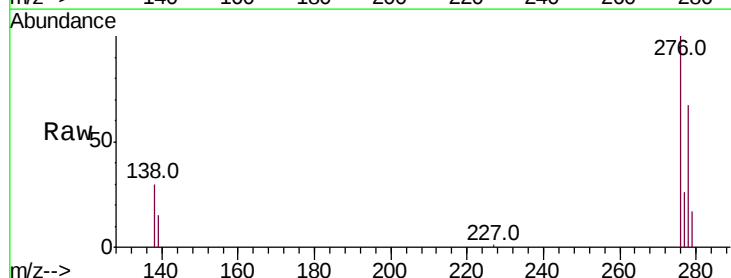
Tgt Ion:276 Resp: 17835

Ion Ratio Lower Upper

276 100

138 28.5 23.8 35.6

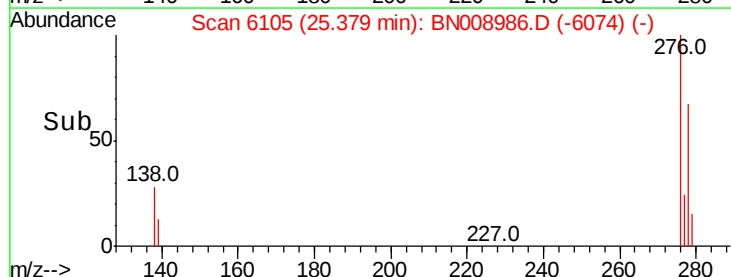
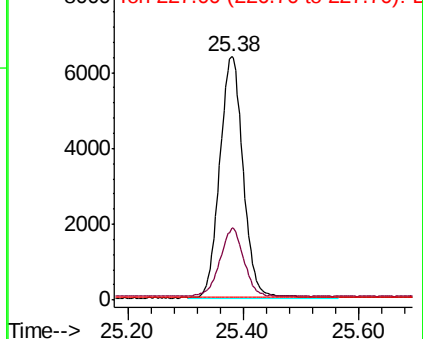
227 0.4 0.2 0.2#

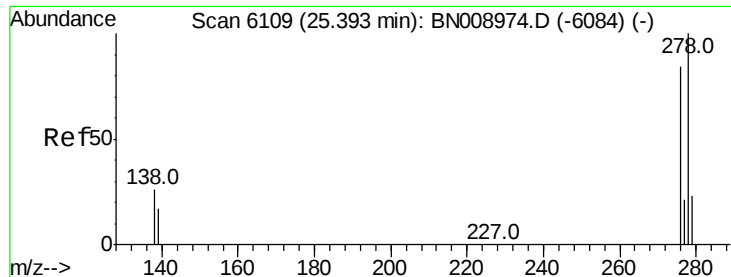


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



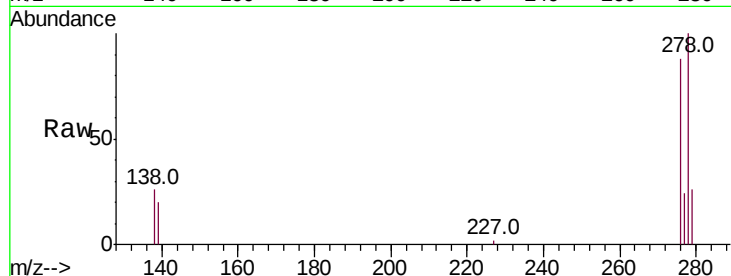


#25
Dibenzo(a,h)anthracene
Concen: 0.369 ng/ul
RT: 25.39 min Scan# 6109
Delta R.T. -0.00 min
Lab File: BN008986.D
Acq: 14 Dec 2019 02:46

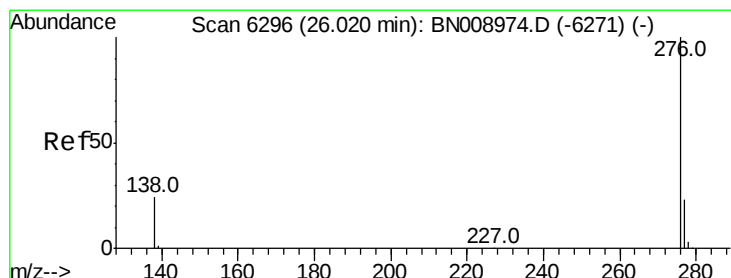
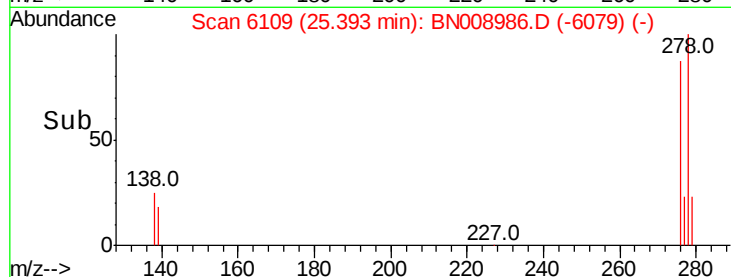
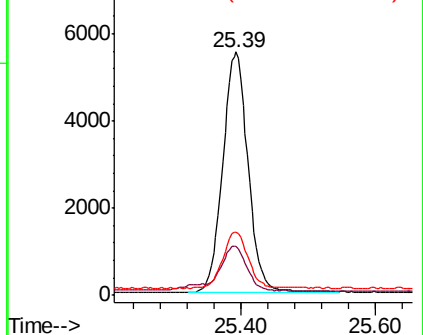
Instrument :
BNA_N
ClientSampleId :
SLCS046

Tot Ion:278 Resp: 14383

Ion	Ratio	Lower	Upper
278	100		
139	20.0	17.4	26.0
279	25.9	20.5	30.7



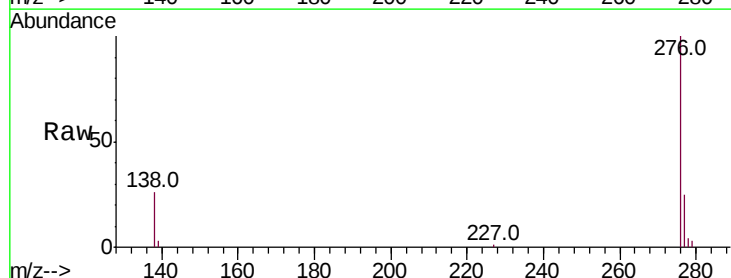
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.367 ng/ul
RT: 26.01 min Scan# 6294
Delta R.T. -0.01 min
Lab File: BN008986.D
Acq: 14 Dec 2019 02:46

Tgt Ion:276 Resp: 14809

Ion	Ratio	Lower	Upper
276	100		
138	25.6	21.9	32.9
277	24.6	19.9	29.9



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

