

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101919\
 Data File : BN008271.D
 Acq On : 19 Oct 2019 15:51
 Operator : JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.404

Quant Time: Oct 19 20:52:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 23:47:17 2019
 Response via : Initial Calibration

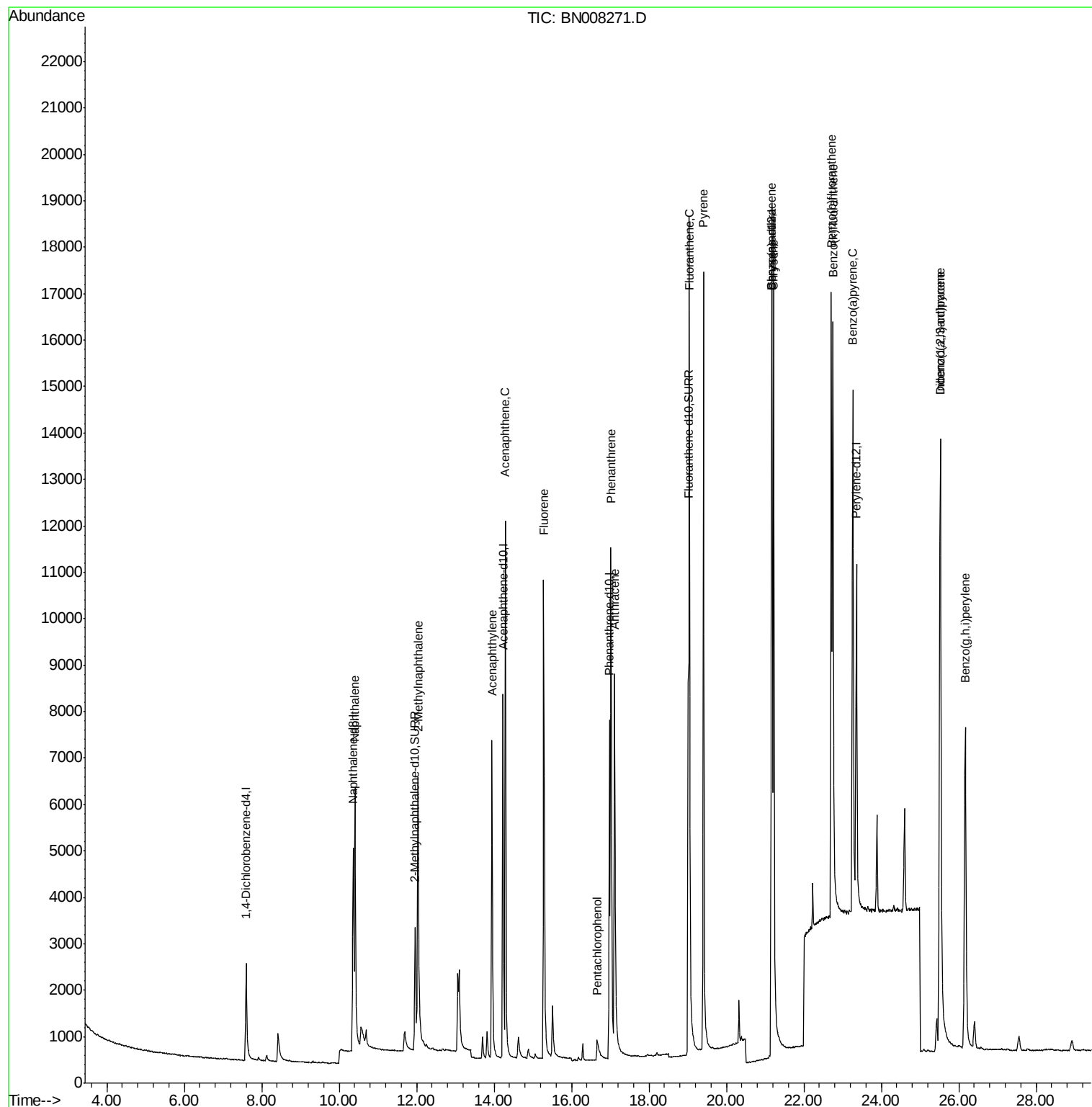
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1619	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	7594	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	5015	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	10610	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	10534	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	10156	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	5343	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	15133	0.41	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.41	128	9403	0.435	ng/ul	100
5) 2-Methylnaphthalene	12.03	142	6407	0.432	ng/ul	100
7) Acenaphthylene	13.95	152	9546	0.400	ng/ul	100
8) Acenaphthene	14.29	153	7705	0.415	ng/ul	98
9) Fluorene	15.28	166	8670	0.411	ng/ul	98
11) Pentachlorophenol	16.66	266	752	0.293	ng/ul	98
12) Phenanthrene	17.02	178	14084	0.453	ng/ul	100
13) Anthracene	17.11	178	12540	0.459	ng/ul	100
15) Fluoranthene	19.04	202	17623	0.430	ng/ul	98
17) Pyrene	19.40	202	18429	0.439	ng/ul	97
18) Benzo(a)anthracene	21.16	228	16324	0.426	ng/ul	99
19) Chrysene	21.22	228	19892	0.423	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	17076	0.516	ng/ul	96
22) Benzo(k)fluoranthene	22.75	252	18986	0.507	ng/ul	97
23) Benzo(a)pyrene	23.26	252	16836	0.484	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.51	276	17261	0.421	ng/ul	96
25) Dibenzo(a,h)anthracene	25.52	278	13876	0.428	ng/ul	98
26) Benzo(g,h,i)perylene	26.16	276	14852	0.395	ng/ul	98

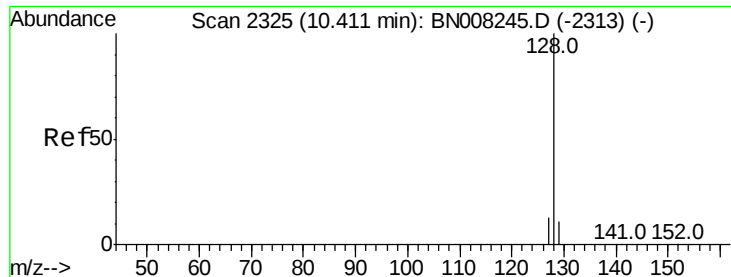
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101919\
Data File : BN008271.D
Acq On : 19 Oct 2019 15:51
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Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.404

Quant Time: Oct 19 20:52:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 23:47:17 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.435 ng/ul

RT: 10.41 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BN008271.D

Acq: 19 Oct 2019 15:51

Instrument :

BNA_N

ClientSampleId :

SSTD0.404

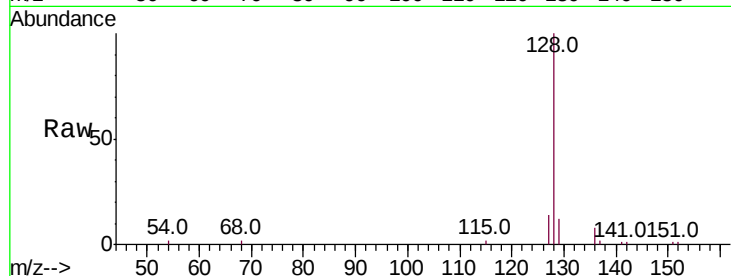
Tot Ion:128 Resp: 9403

Ion Ratio Lower Upper

128 100

129 12.0 9.8 14.8

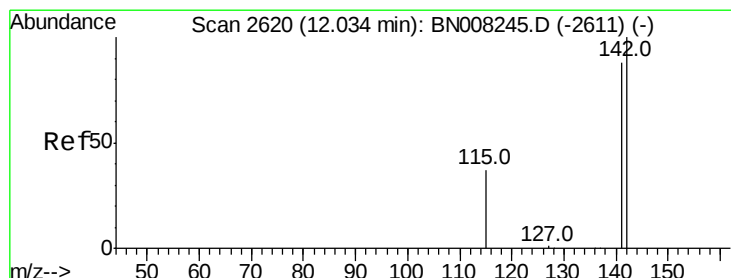
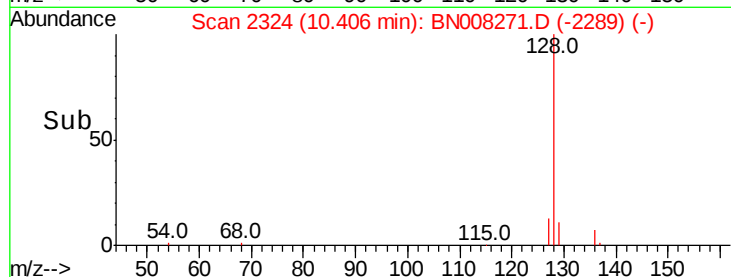
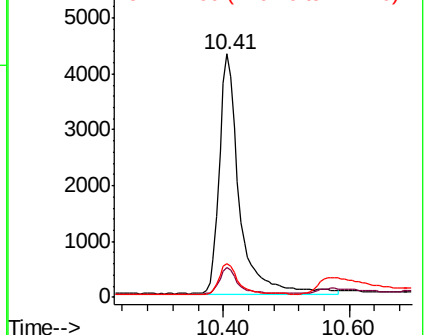
127 14.0 11.1 16.7



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: 0.432 ng/ul

RT: 12.03 min Scan# 2620

Delta R.T. 0.00 min

Lab File: BN008271.D

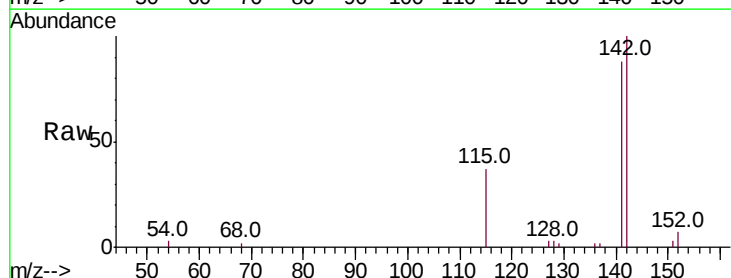
Acq: 19 Oct 2019 15:51

Tgt Ion:142 Resp: 6407

Ion Ratio Lower Upper

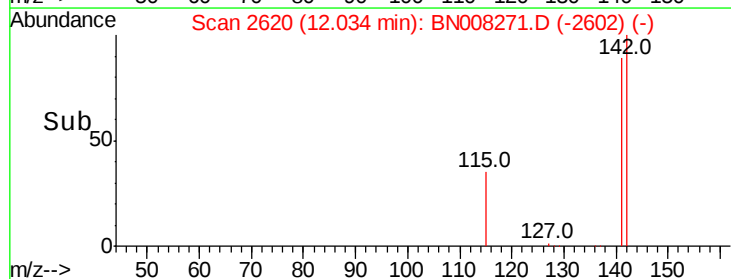
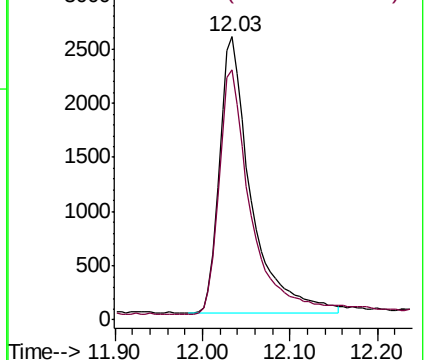
142 100

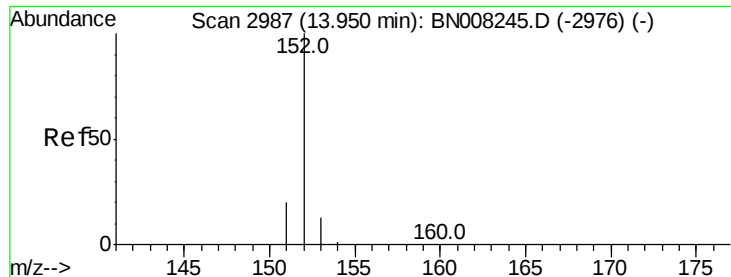
141 89.2 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.400 ng/ul

RT: 13.95 min Scan# 2986

Delta R.T. -0.00 min

Lab File: BN008271.D

Acq: 19 Oct 2019 15:51

Instrument :

BNA_N

ClientSampleId :

SSTD0.404

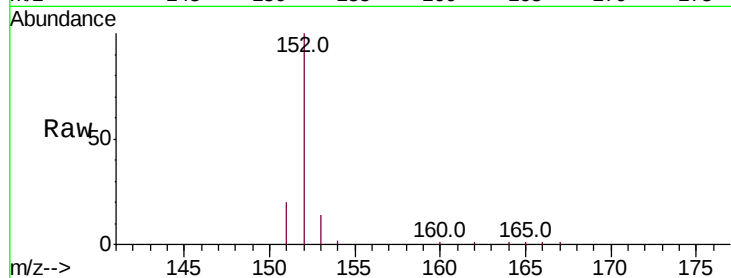
Tot Ion:152 Resp: 9546

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

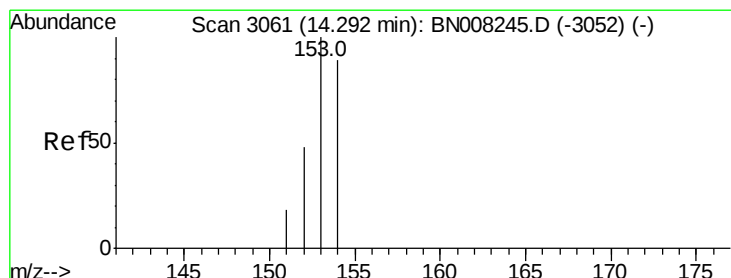
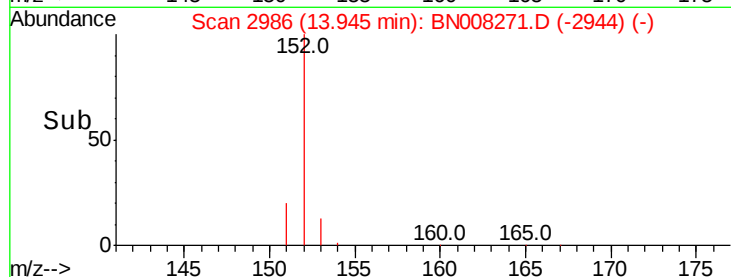
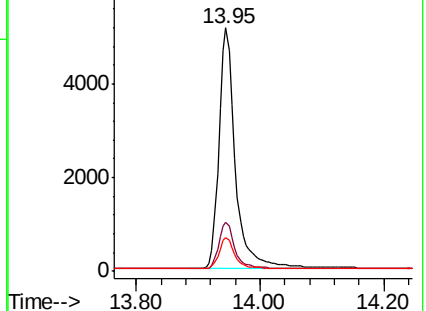
153 13.9 11.0 16.4



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: 0.415 ng/ul

RT: 14.29 min Scan# 3060

Delta R.T. -0.00 min

Lab File: BN008271.D

Acq: 19 Oct 2019 15:51

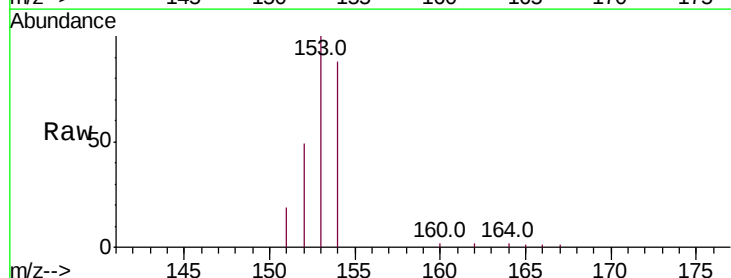
Tgt Ion:153 Resp: 7705

Ion Ratio Lower Upper

153 100

152 49.4 38.2 57.2

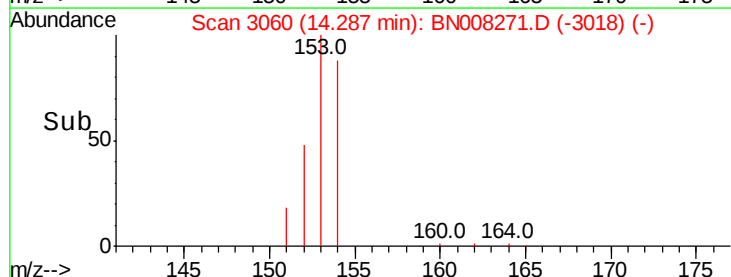
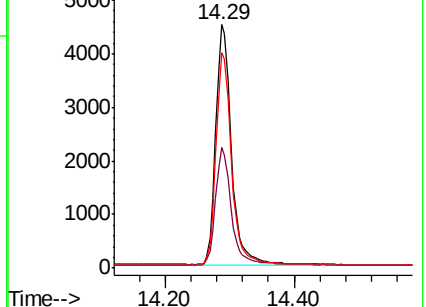
154 88.3 71.8 107.8

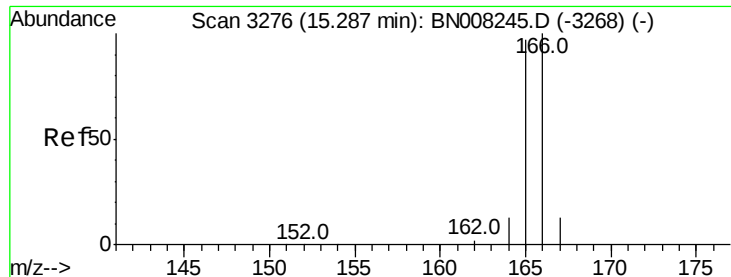


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.411 ng/ul

RT: 15.28 min Scan# 3275

Delta R.T. -0.00 min

Lab File: BN008271.D

Acq: 19 Oct 2019 15:51

Instrument :

BNA_N

ClientSampleId :

SSTD0.404

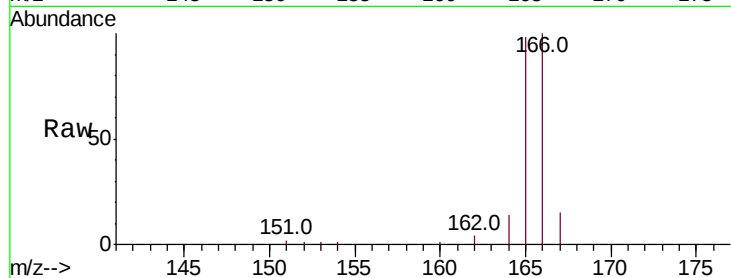
Tot Ion:166 Resp: 8670

Ion Ratio Lower Upper

166 100

165 98.5 76.6 115.0

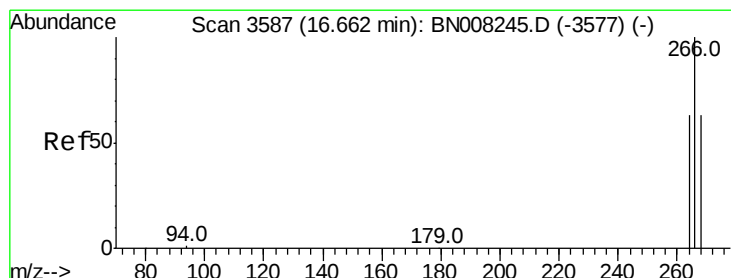
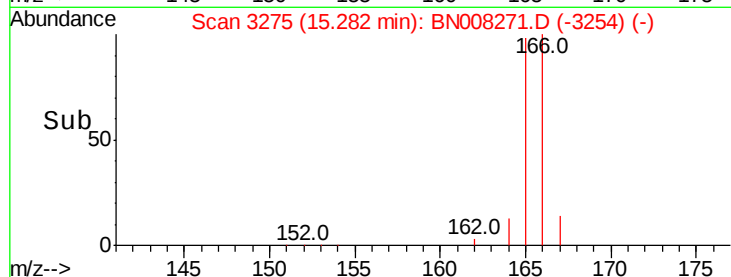
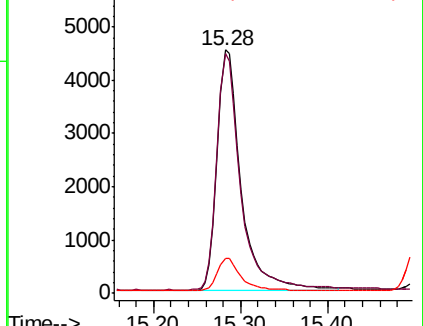
167 14.5 11.7 17.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.293 ng/ul

RT: 16.66 min Scan# 3587

Delta R.T. 0.00 min

Lab File: BN008271.D

Acq: 19 Oct 2019 15:51

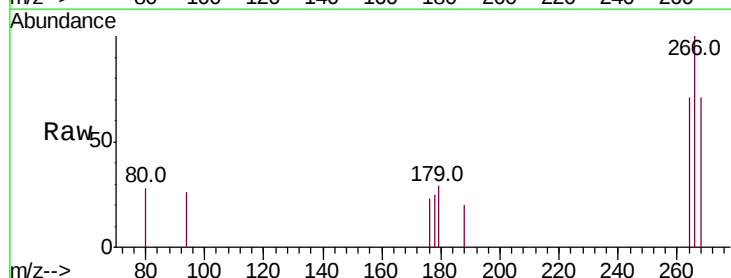
Tgt Ion:266 Resp: 752

Ion Ratio Lower Upper

266 100

264 63.6 50.1 75.1

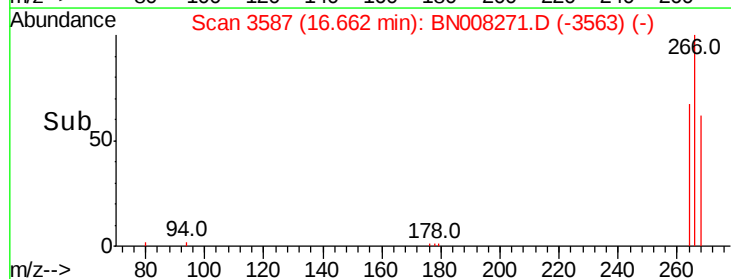
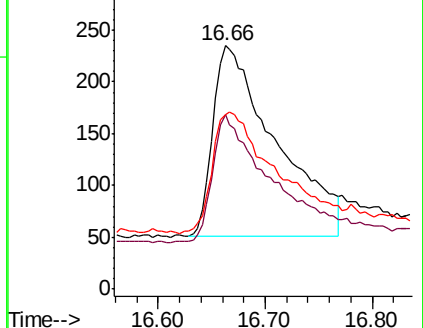
268 66.9 51.9 77.9

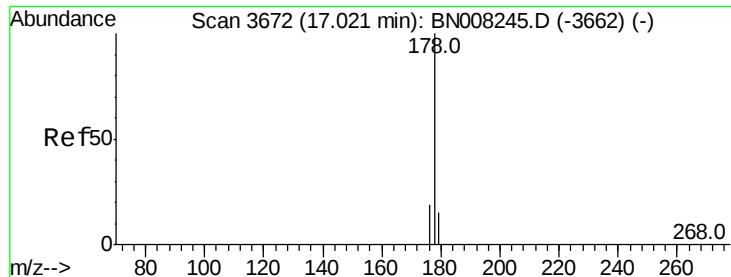


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.453 ng/ul

RT: 17.02 min Scan# 3671

Delta R.T. -0.00 min

Lab File: BN008271.D

Acq: 19 Oct 2019 15:51

Instrument :

BNA_N

ClientSampleId :

SSTD0.404

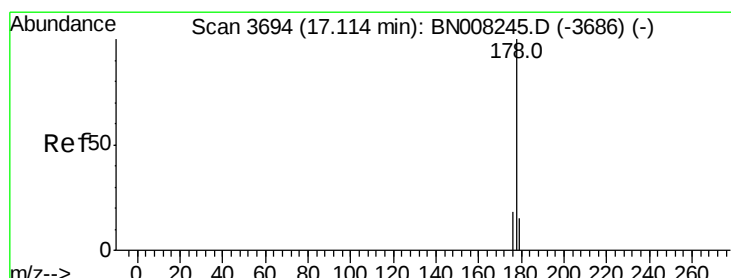
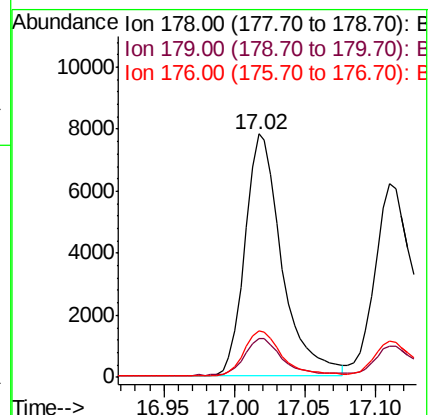
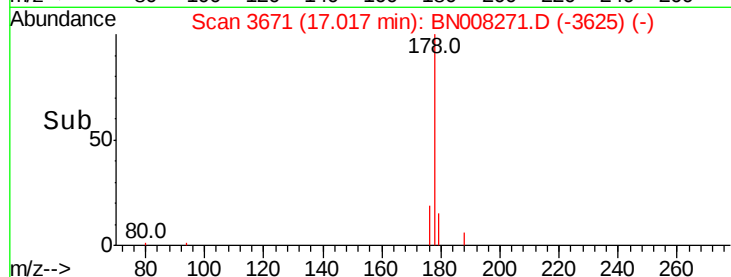
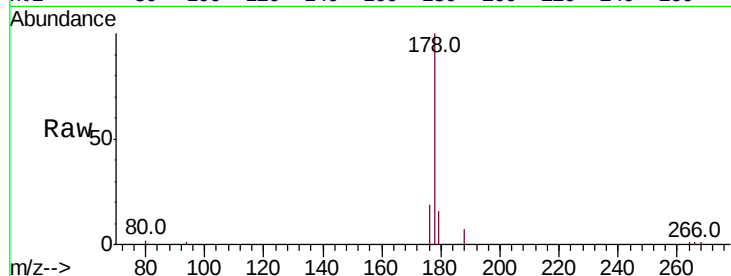
Tot Ion:178 Resp: 14084

Ion Ratio Lower Upper

178 100

179 16.1 12.8 19.2

176 19.2 15.4 23.2



#13

Anthracene

Concen: 0.459 ng/ul

RT: 17.11 min Scan# 3693

Delta R.T. -0.00 min

Lab File: BN008271.D

Acq: 19 Oct 2019 15:51

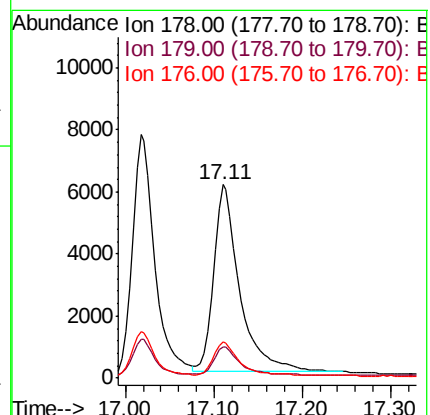
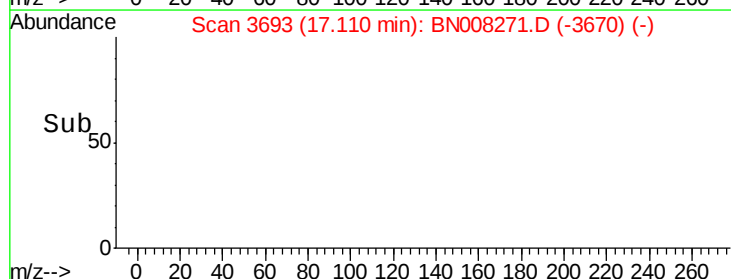
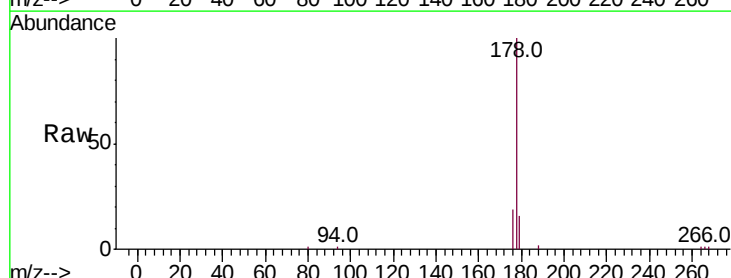
Tgt Ion:178 Resp: 12540

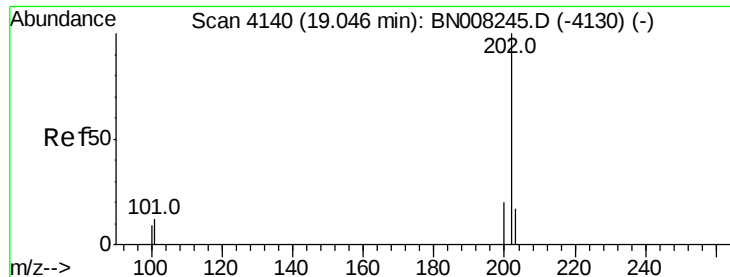
Ion Ratio Lower Upper

178 100

179 16.1 13.0 19.6

176 18.8 15.0 22.6

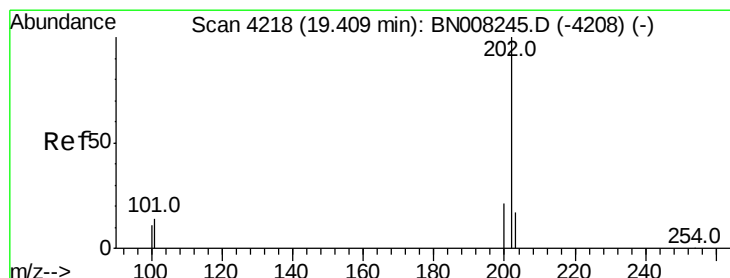
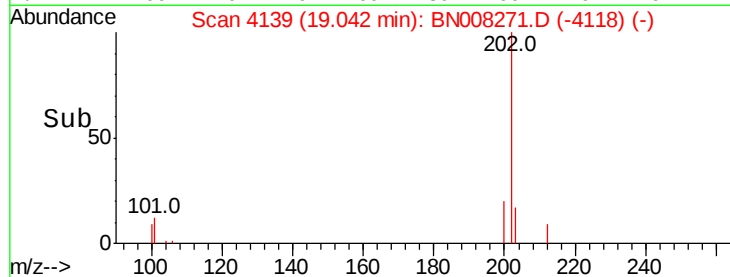
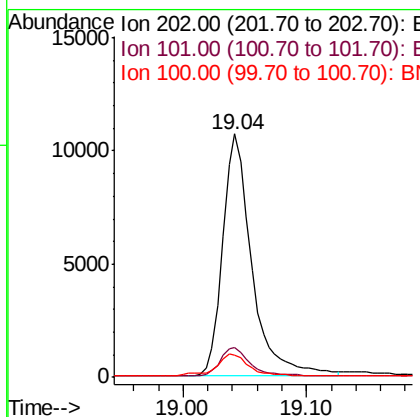
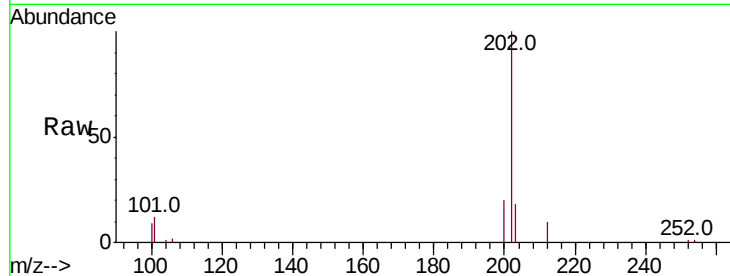




#15
Fluoranthene
 Concen: 0.430 ng/ul
 RT: 19.04 min Scan# 4139
 Delta R.T. -0.00 min
 Lab File: BN008271.D
 Acq: 19 Oct 2019 15:51

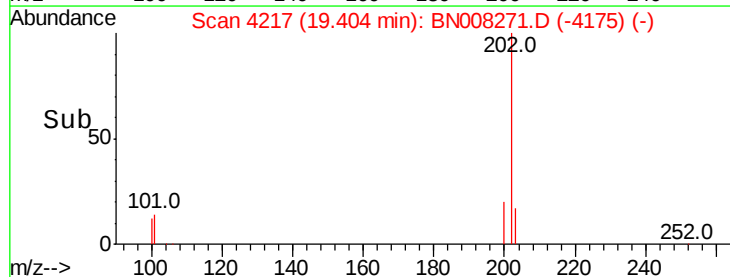
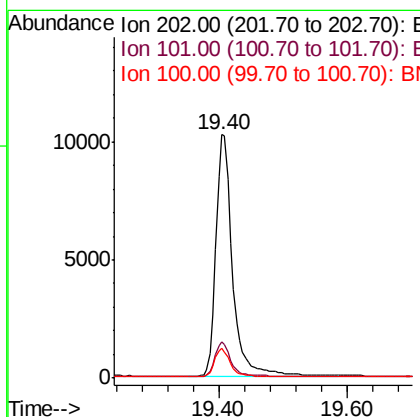
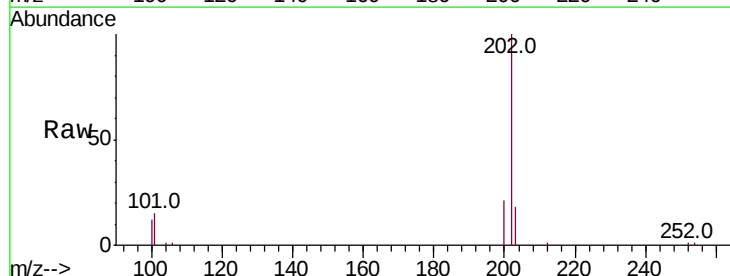
Instrument :
 BNA_N
 ClientSampleId :
 SST0.404

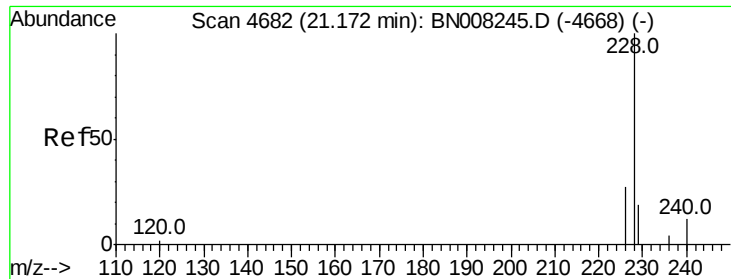
Tot Ion:202 Resp: 17623
 Ion Ratio Lower Upper
 202 100
 101 12.2 0.0 31.2
 100 9.2 0.0 28.5



#17
Pyrene
 Concen: 0.439 ng/ul
 RT: 19.40 min Scan# 4217
 Delta R.T. -0.00 min
 Lab File: BN008271.D
 Acq: 19 Oct 2019 15:51

Tgt Ion:202 Resp: 18429
 Ion Ratio Lower Upper
 202 100
 101 14.9 10.9 16.3
 100 12.2 8.7 13.1

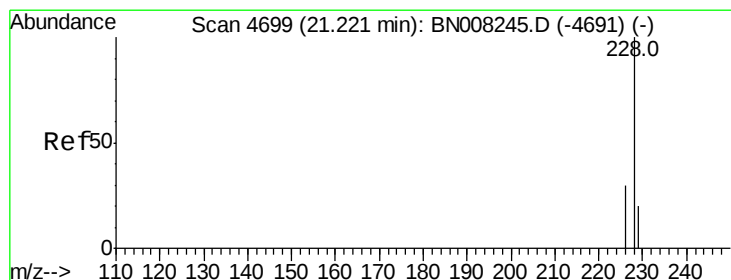
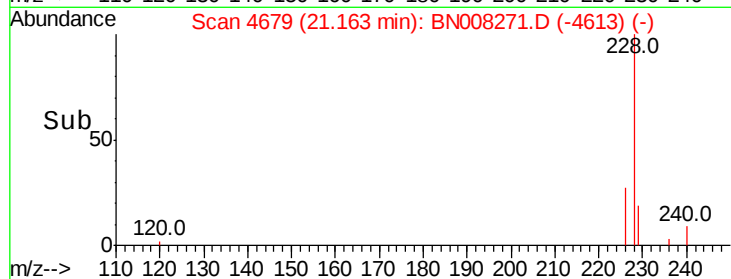
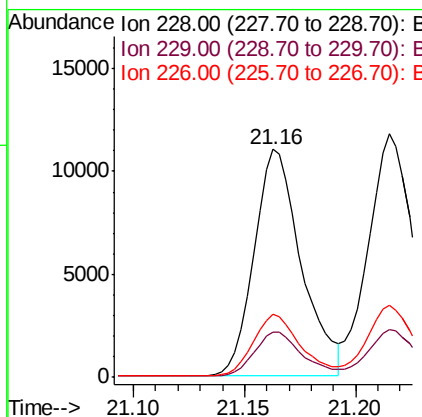
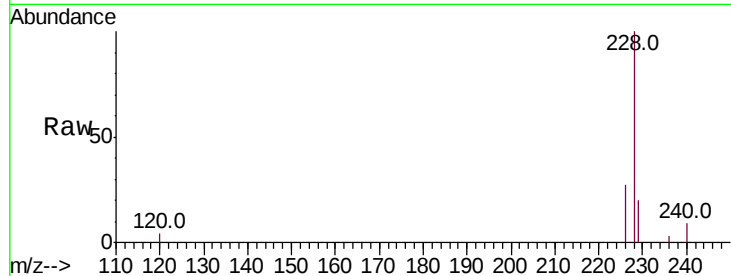




#18
Benzo(a)anthracene
Concen: 0.426 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.01 min
Lab File: BN008271.D
Acq: 19 Oct 2019 15:51

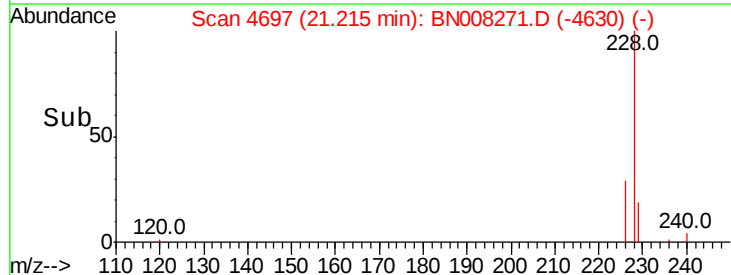
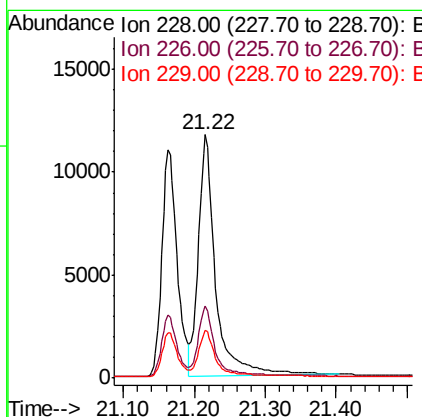
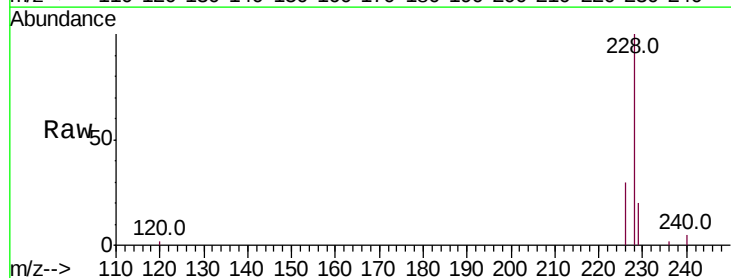
Instrument :
BNA_N
ClientSampleId :
SSTD0.404

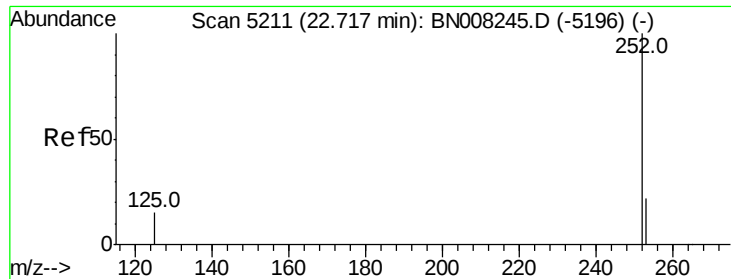
Tot Ion:228 Resp: 16324
Ion Ratio Lower Upper
228 100
229 19.7 16.2 24.2
226 27.5 21.4 32.0



#19
Chrysene
Concen: 0.423 ng/ul
RT: 21.22 min Scan# 4697
Delta R.T. -0.01 min
Lab File: BN008271.D
Acq: 19 Oct 2019 15:51

Tgt Ion:228 Resp: 19892
Ion Ratio Lower Upper
228 100
226 29.8 24.1 36.1
229 19.7 16.2 24.2





#21

Benzo(b)fluoranthene

Concen: 0.516 ng/ul

RT: 22.71 min Scan# 5208

Delta R.T. -0.01 min

Lab File: BN008271.D

Acq: 19 Oct 2019 15:51

Instrument :

BNA_N

ClientSampleId :

SSTD0.404

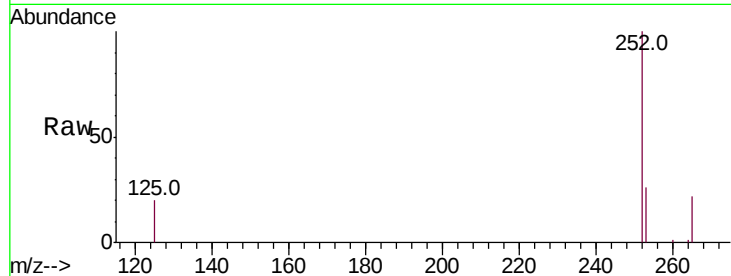
Tot Ion:252 Resp: 17076

Ion Ratio Lower Upper

252 100

253 26.0 0.0 53.4

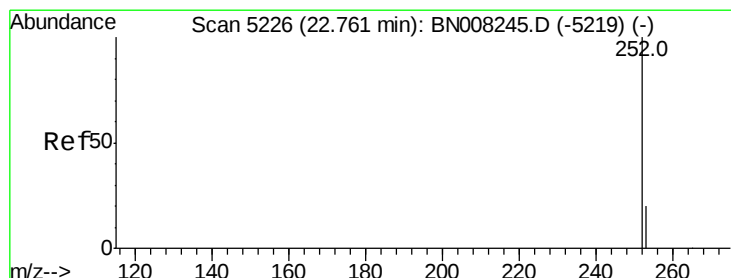
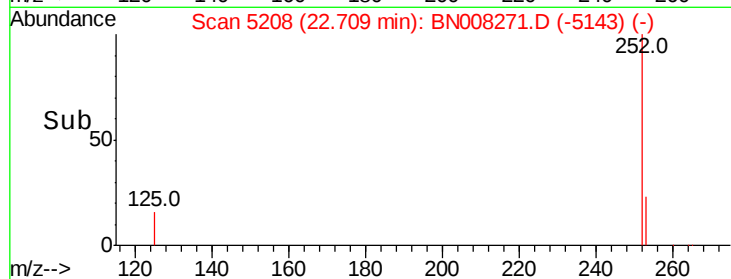
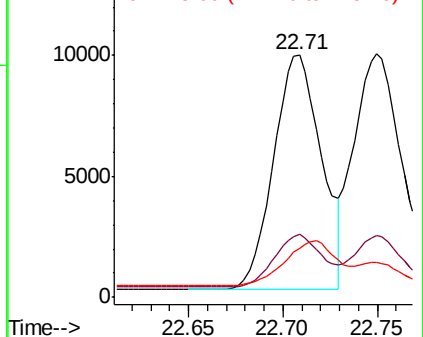
125 20.2 0.0 32.4



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: 0.507 ng/ul

RT: 22.75 min Scan# 5222

Delta R.T. -0.01 min

Lab File: BN008271.D

Acq: 19 Oct 2019 15:51

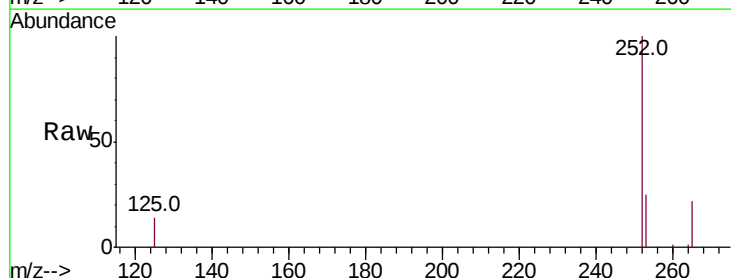
Tgt Ion:252 Resp: 18986

Ion Ratio Lower Upper

252 100

253 25.3 21.3 31.9

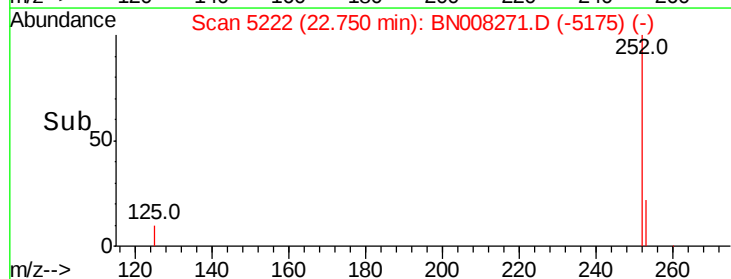
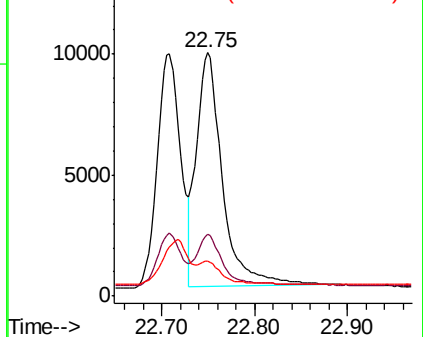
125 14.3 12.3 18.5

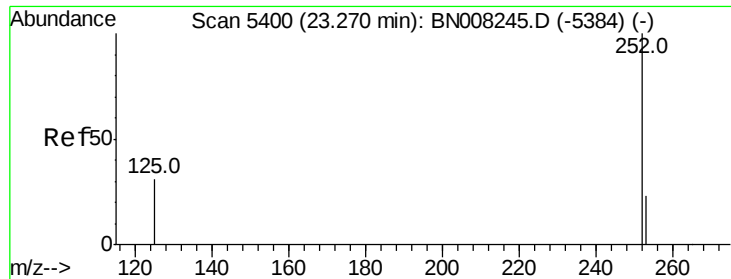


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.484 ng/u1

RT: 23.26 min Scan# 5397

Delta R.T. -0.01 min

Lab File: BN008271.D

Acq: 19 Oct 2019 15:51

Instrument :

BNA_N

ClientSampleId :

SSTD0.404

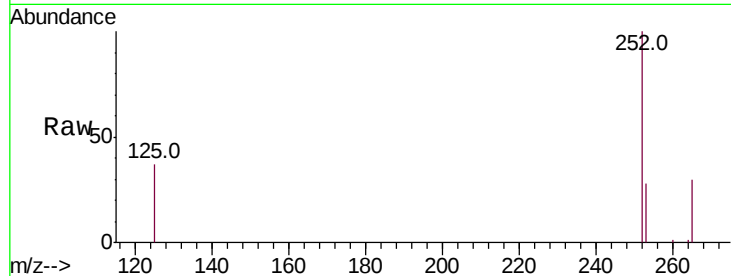
Tot Ion:252 Resp: 16836

Ion Ratio Lower Upper

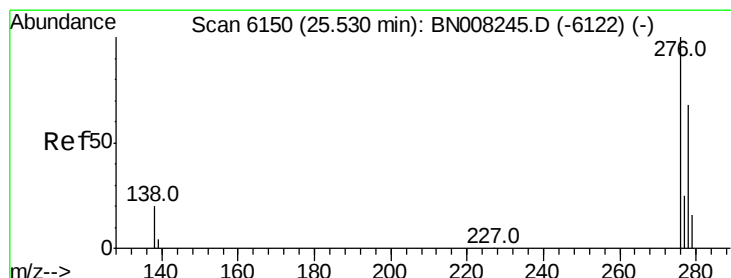
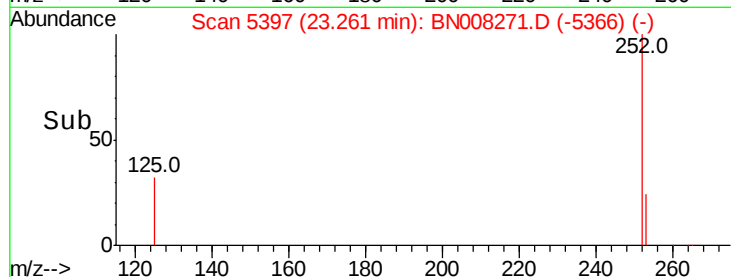
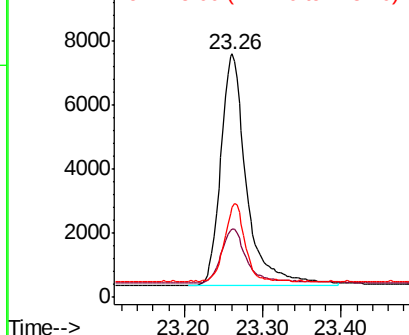
252 100

253 28.2 22.8 34.2

125 36.9 18.4 27.6#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.421 ng/u1

RT: 25.51 min Scan# 6145

Delta R.T. -0.02 min

Lab File: BN008271.D

Acq: 19 Oct 2019 15:51

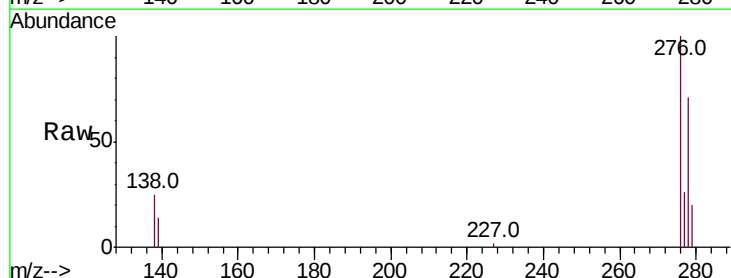
Tgt Ion:276 Resp: 17261

Ion Ratio Lower Upper

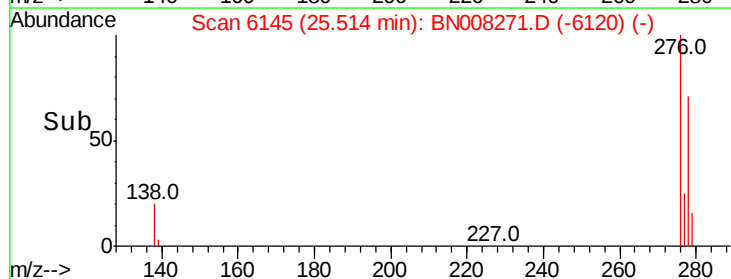
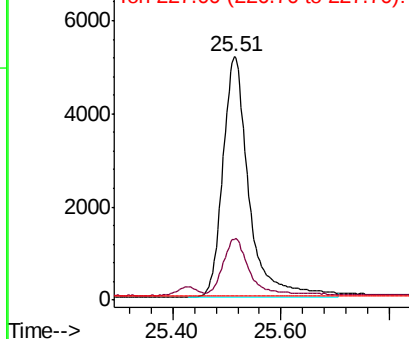
276 100

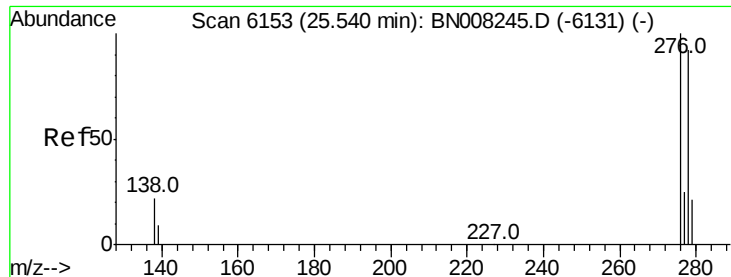
138 21.9 16.1 24.1

227 0.2 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



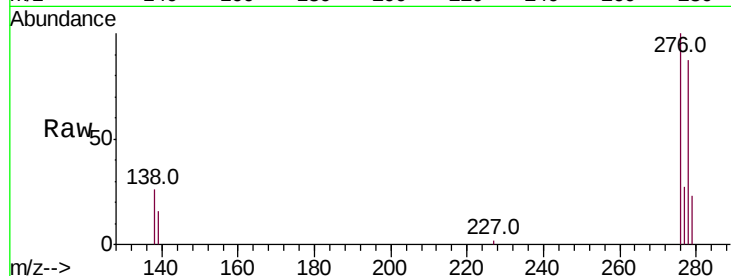


#25
Dibenzo(a,h)anthracene
Concen: 0.428 ng/ul
RT: 25.52 min Scan# 6147
Delta R.T. -0.02 min
Lab File: BN008271.D
Acq: 19 Oct 2019 15:51

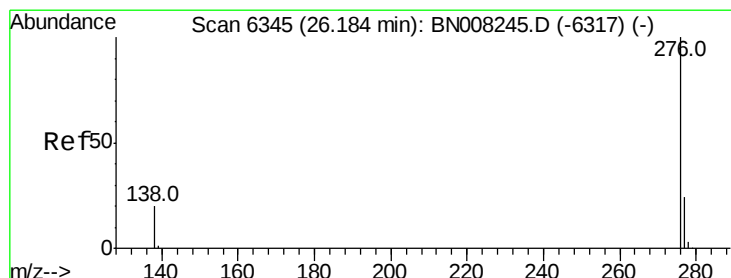
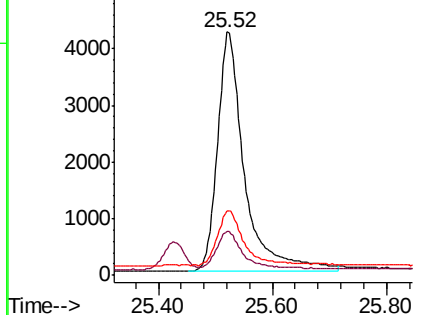
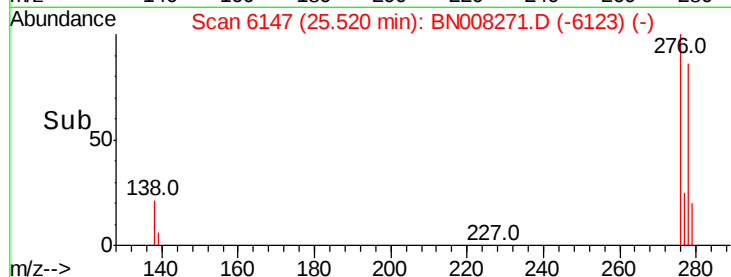
Instrument :
BNA_N
ClientSampleId :
SSTD0.404

Tot Ion:278 Resp: 13876

Ion	Ratio	Lower	Upper
278	100		
139	18.0	15.0	22.6
279	26.7	22.4	33.6



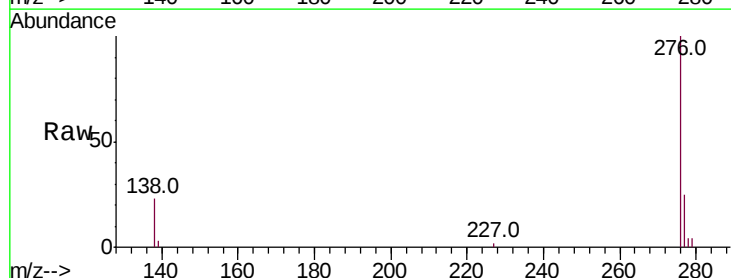
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.395 ng/ul
RT: 26.16 min Scan# 6339
Delta R.T. -0.02 min
Lab File: BN008271.D
Acq: 19 Oct 2019 15:51

Tgt Ion:276 Resp: 14852

Ion	Ratio	Lower	Upper
276	100		
138	22.6	17.0	25.4
277	25.1	20.4	30.6



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

