

Data File : BN008991.D
Acq On : 14 Dec 2019 05:46
Operator : JU
Sample : SSTDC00.4EC
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4131

Quant Time: Dec 16 00:52:27 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	2332	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	10169	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	6786	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.92	188	16505	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	23840	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	20115	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.90	152	7160	0.43	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	25498	0.51	ng/ul	0.00

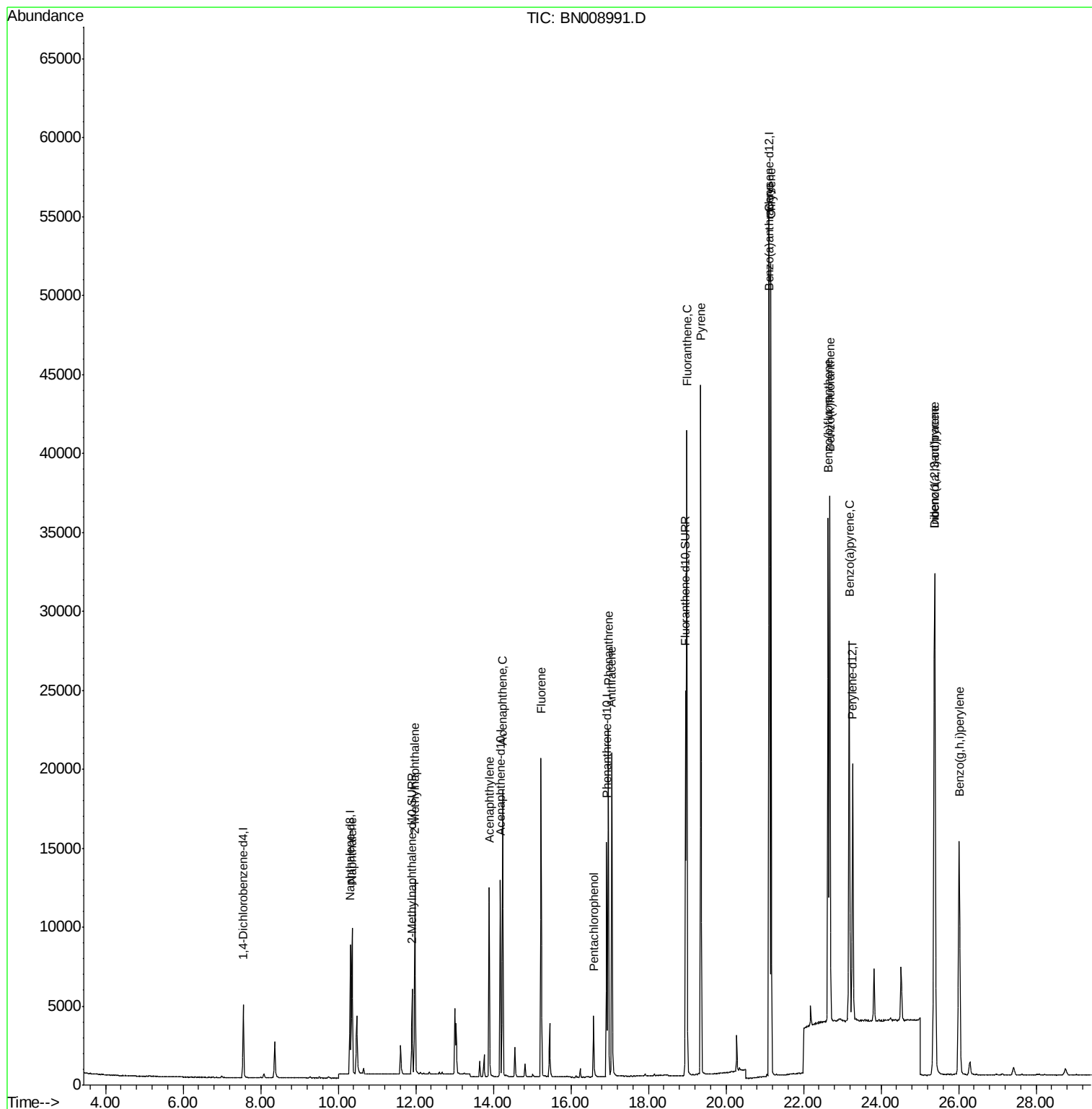
Target Compounds					Qvalue
3) Naphthalene	10.36	128	12270	0.400	ng/ul 100
5) 2-Methylnaphthalene	11.98	142	9228	0.431	ng/ul 100
7) Acenaphthylene	13.89	152	13446	0.358	ng/ul 99
8) Acenaphthene	14.24	153	10438	0.375	ng/ul 97
9) Fluorene	15.23	166	12557	0.384	ng/ul 100
11) Pentachlorophenol	16.59	266	2635	0.422	ng/ul 98
12) Phenanthrene	16.97	178	22513	0.404	ng/ul 100
13) Anthracene	17.06	178	22429	0.426	ng/ul 99
15) Fluoranthene	18.99	202	34036	0.498	ng/ul 98
17) Pyrene	19.35	202	35659	0.373	ng/ul 97
18) Benzo(a)anthracene	21.11	228	42179	0.440	ng/ul 99
19) Chrysene	21.16	228	41509	0.441	ng/ul 100
21) Benzo(b)fluoranthene	22.64	252	36295	0.438	ng/ul 97
22) Benzo(k)fluoranthene	22.68	252	37718	0.458	ng/ul 98
23) Benzo(a)pyrene	23.18	252	32215	0.414	ng/ul 96
24) Indeno(1,2,3-cd)pyrene	25.38	276	34151	0.375	ng/ul# 99
25) Dibenzo(a,h)anthracene	25.39	278	27761	0.378	ng/ul 97
26) Benzo(g,h,i)perylene	26.01	276	27917	0.367	ng/ul 97

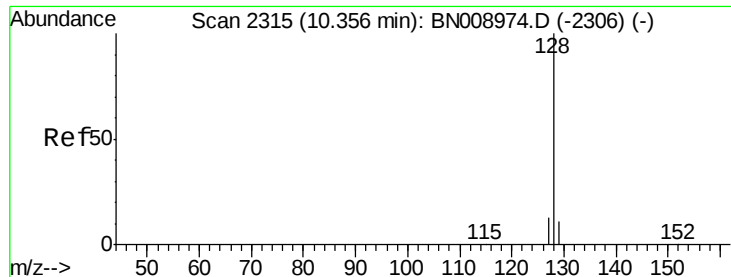
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BN008991.D
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Operator : JU
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Instrument :
BNA_N
ClientSampleId :
SSTD0.4131

Quant Time: Dec 16 00:52:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN11519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 00:48:46 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.400 ng/ul

RT: 10.36 min Scan# 2315

Delta R.T. -0.00 min

Lab File: BN008991.D

Acq: 14 Dec 2019 05:46

Instrument :

BNA_N

ClientSampleId :

SSTD0.4131

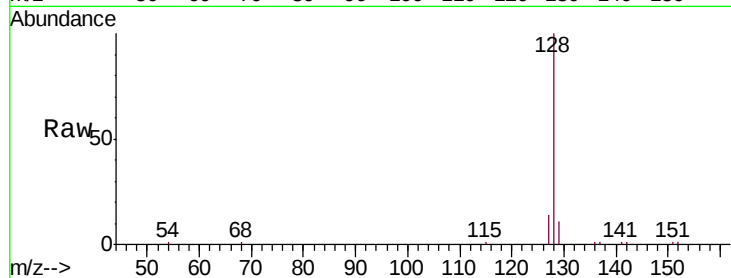
Tgt Ion:128 Resp: 12270

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

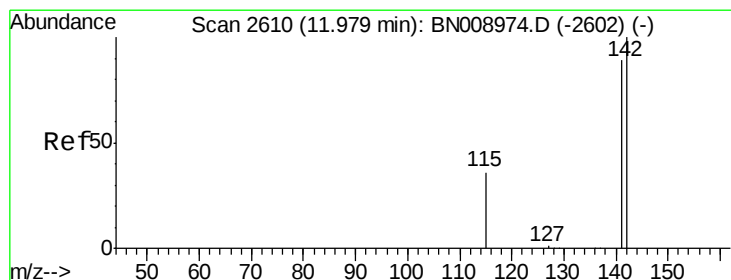
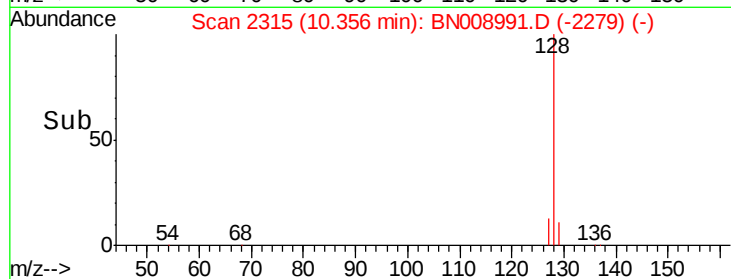
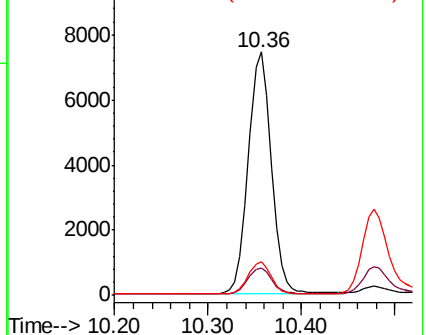
127 13.7 10.7 16.1



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: 0.431 ng/ul

RT: 11.98 min Scan# 2610

Delta R.T. -0.00 min

Lab File: BN008991.D

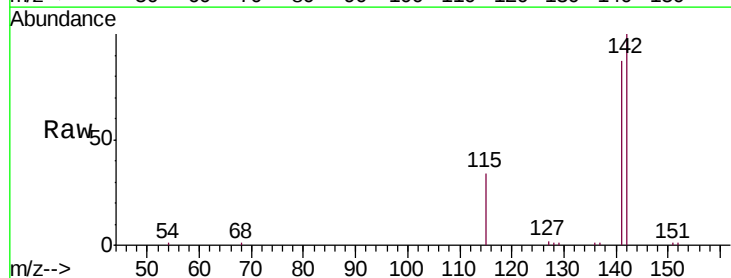
Acq: 14 Dec 2019 05:46

Tgt Ion:142 Resp: 9228

Ion Ratio Lower Upper

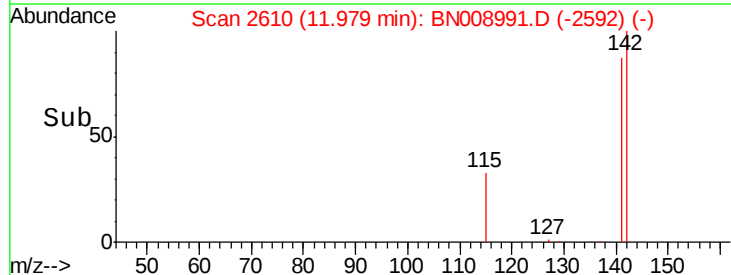
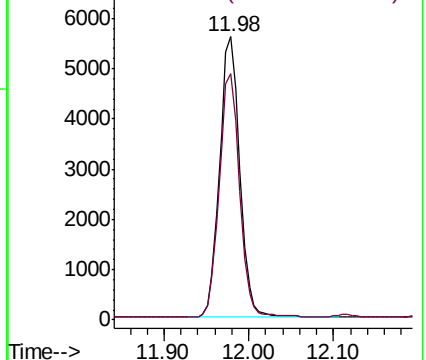
142 100

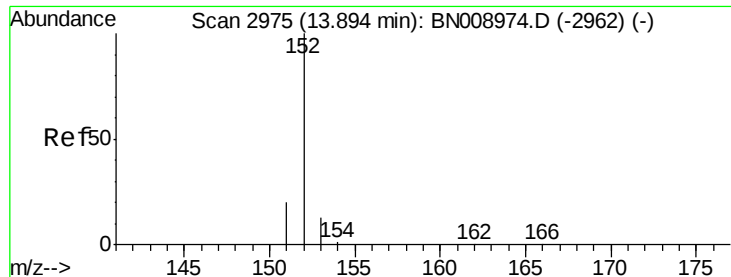
141 87.4 70.1 105.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.358 ng/ul

RT: 13.89 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BN008991.D

Acq: 14 Dec 2019 05:46

Instrument :

BNA_N

ClientSampleId :

SSTD0.4131

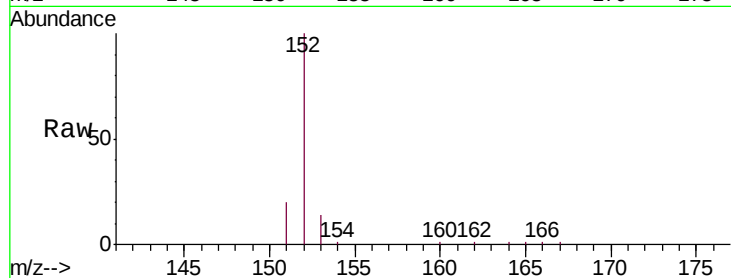
Tgt Ion:152 Resp: 13446

Ion Ratio Lower Upper

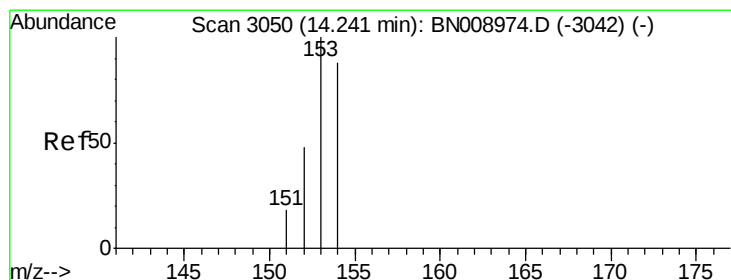
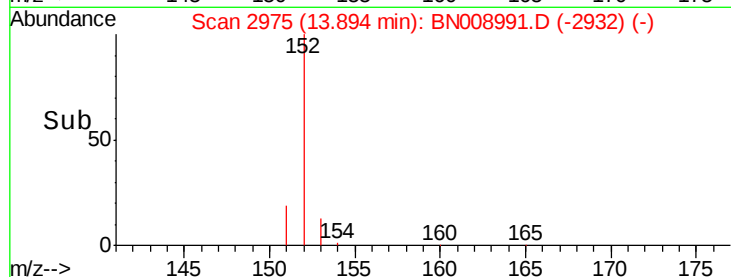
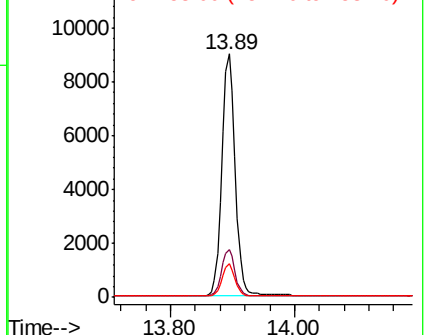
152 100

151 19.8 15.8 23.6

153 13.7 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: 0.375 ng/ul

RT: 14.24 min Scan# 3050

Delta R.T. -0.00 min

Lab File: BN008991.D

Acq: 14 Dec 2019 05:46

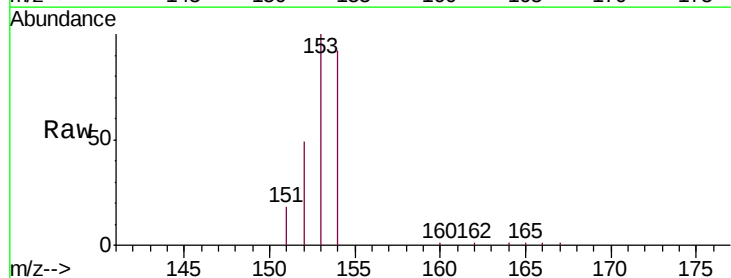
Tgt Ion:153 Resp: 10438

Ion Ratio Lower Upper

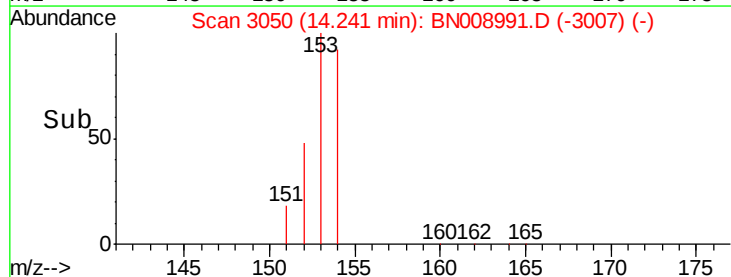
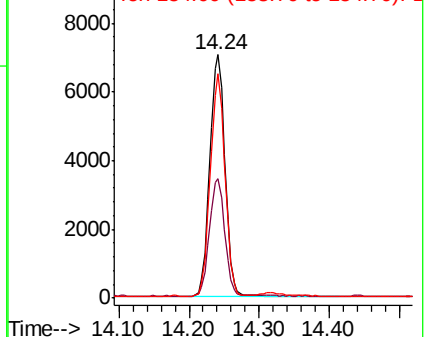
153 100

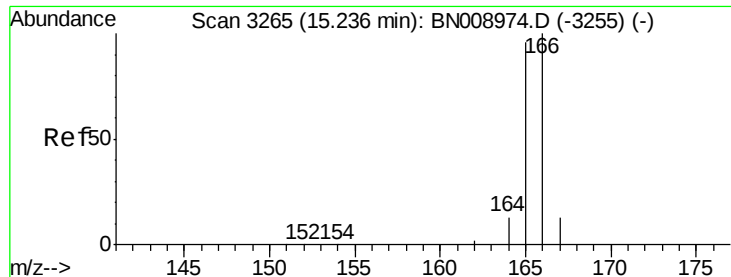
152 49.0 38.6 58.0

154 92.1 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: 0.384 ng/ul

RT: 15.23 min Scan# 3264

Delta R.T. -0.00 min

Lab File: BN008991.D

Acq: 14 Dec 2019 05:46

Instrument :

BNA_N

ClientSampleId :

SSTD0.4131

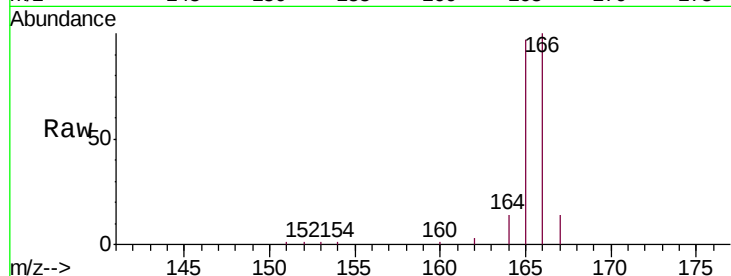
Tgt Ion:166 Resp: 12557

Ion Ratio Lower Upper

166 100

165 97.1 77.7 116.5

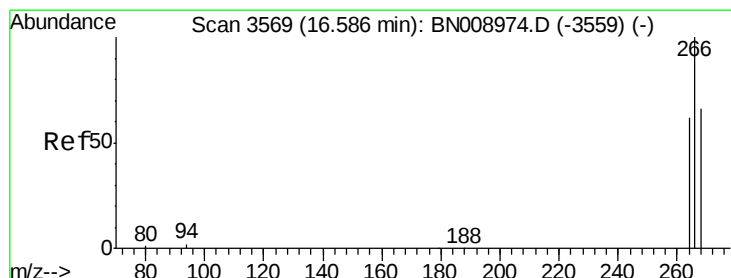
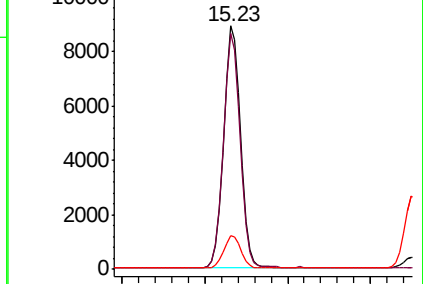
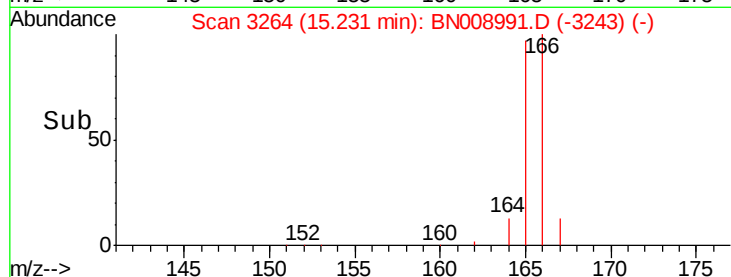
167 13.9 11.1 16.7



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: 0.422 ng/ul

RT: 16.59 min Scan# 3569

Delta R.T. -0.00 min

Lab File: BN008991.D

Acq: 14 Dec 2019 05:46

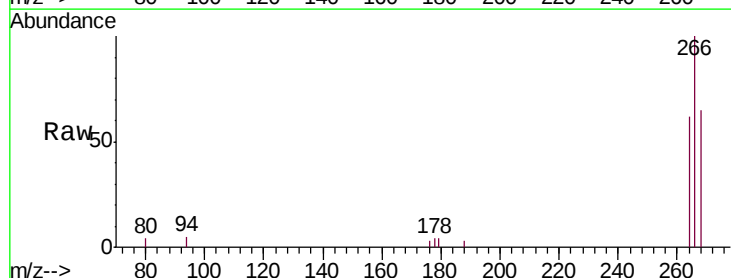
Tgt Ion:266 Resp: 2635

Ion Ratio Lower Upper

266 100

264 62.6 50.4 75.6

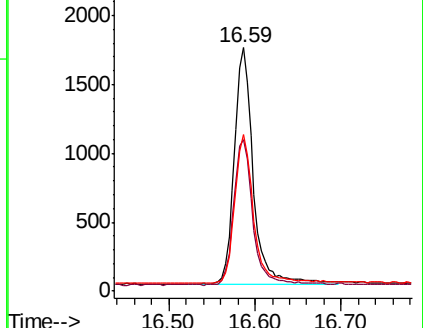
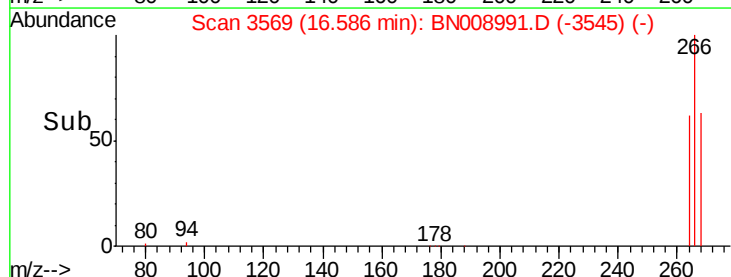
268 62.9 52.2 78.4

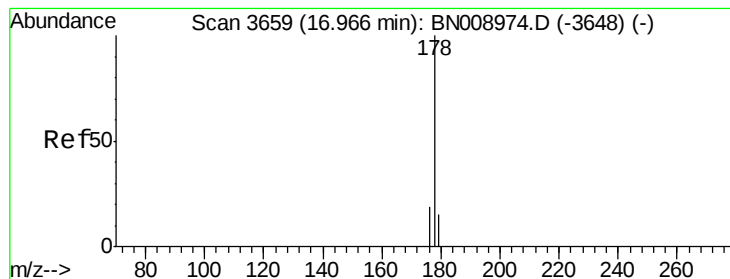


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.404 ng/ul

RT: 16.97 min Scan# 3659

Delta R.T. -0.00 min

Lab File: BN008991.D

Acq: 14 Dec 2019 05:46

Instrument :

BNA_N

ClientSampleId :

SSTD0.4131

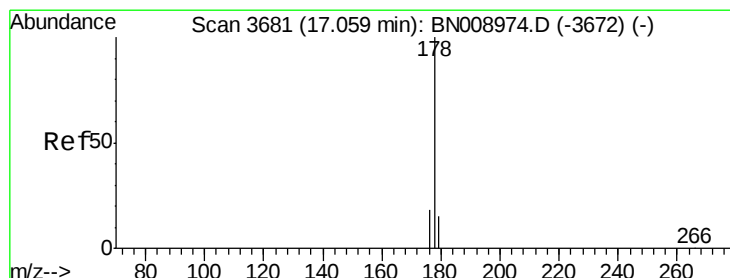
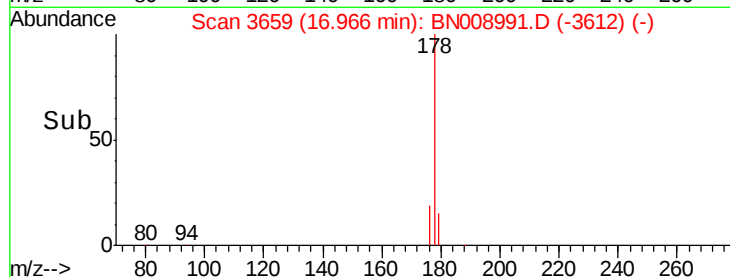
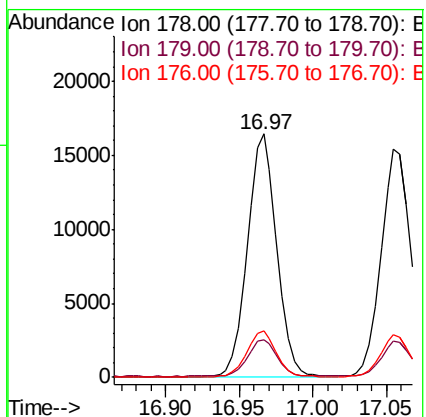
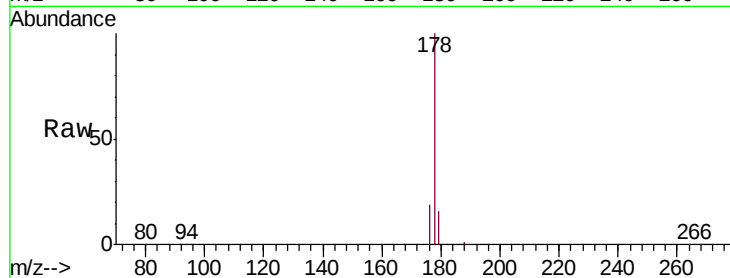
Tgt Ion:178 Resp: 22513

Ion Ratio Lower Upper

178 100

179 15.6 12.6 18.8

176 18.8 15.3 22.9



#13

Anthracene

Concen: 0.426 ng/ul

RT: 17.06 min Scan# 3680

Delta R.T. -0.00 min

Lab File: BN008991.D

Acq: 14 Dec 2019 05:46

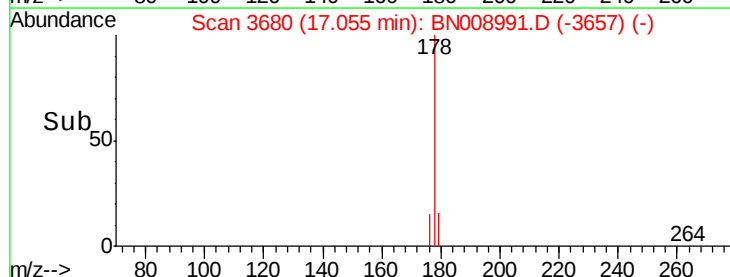
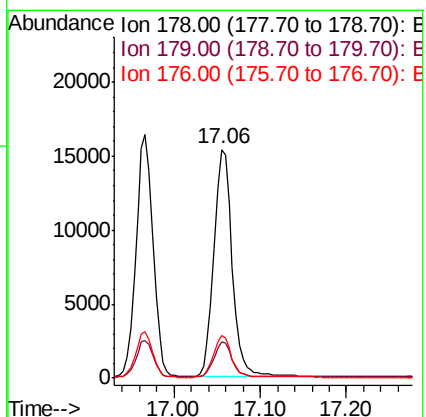
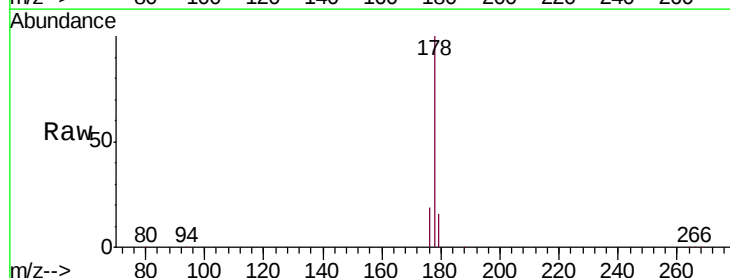
Tgt Ion:178 Resp: 22429

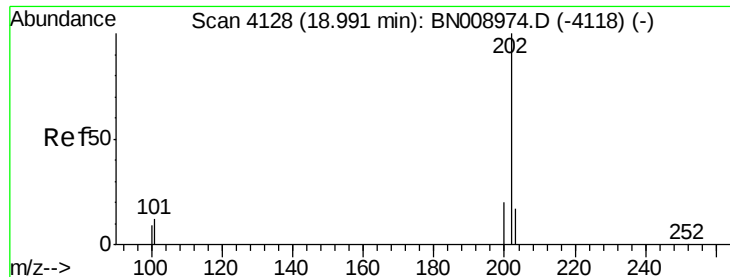
Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

176 18.6 14.7 22.1

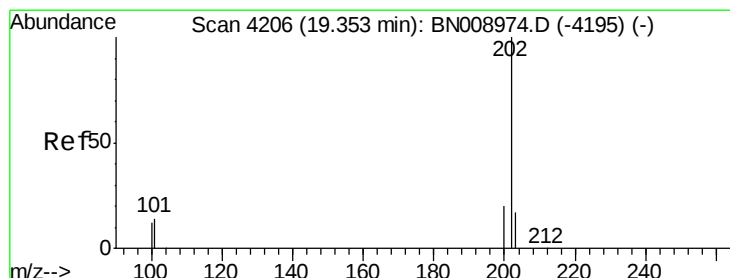
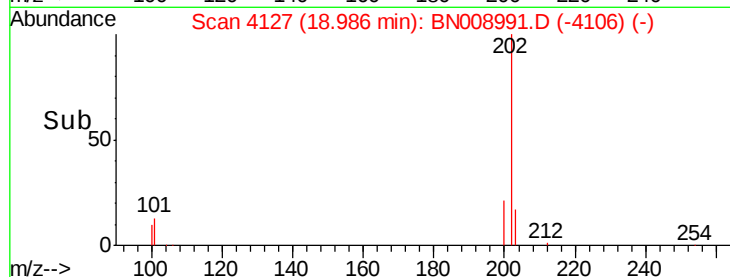
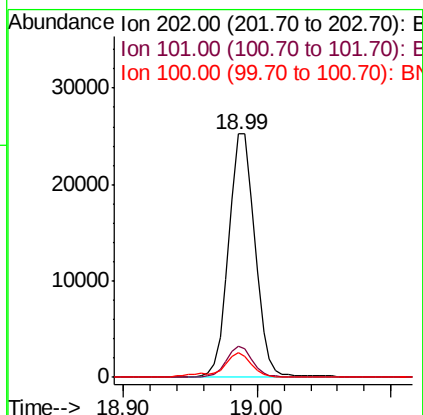
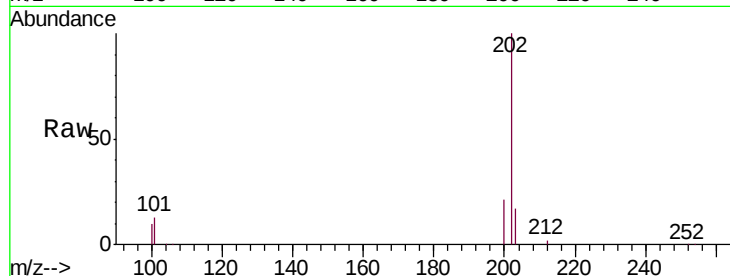




#15
Fluoranthene
Concen: 0.498 ng/ul
RT: 18.99 min Scan# 4127
Delta R.T. -0.00 min
Lab File: BN008991.D
Acq: 14 Dec 2019 05:46

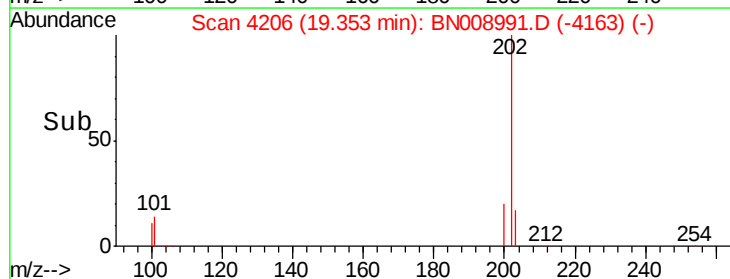
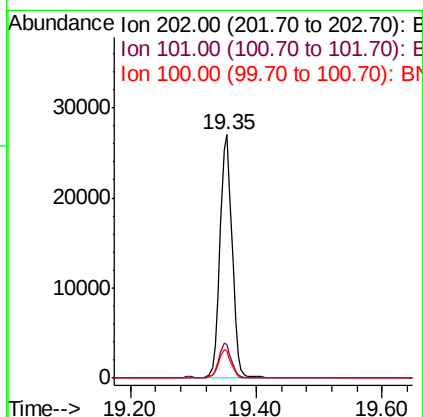
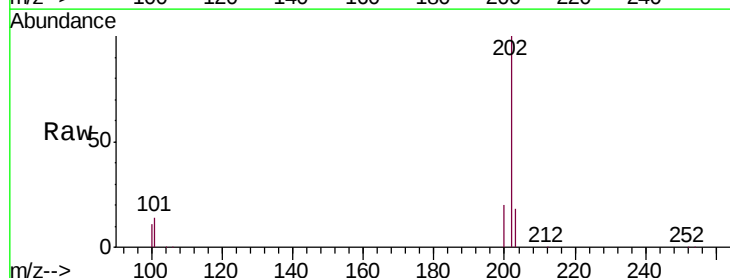
Instrument :
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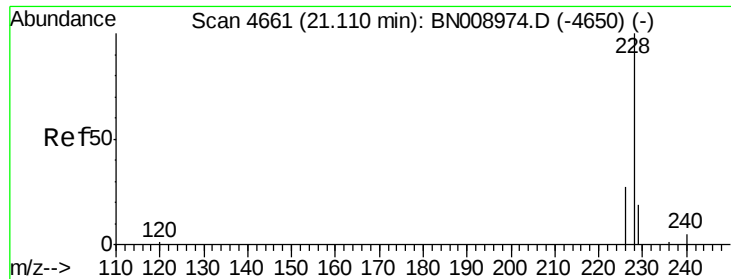
Tgt Ion:202 Resp: 34036
Ion Ratio Lower Upper
202 100
101 13.0 0.0 32.4
100 10.2 0.0 29.2



#17
Pyrene
Concen: 0.373 ng/ul
RT: 19.35 min Scan# 4206
Delta R.T. -0.00 min
Lab File: BN008991.D
Acq: 14 Dec 2019 05:46

Tgt Ion:202 Resp: 35659
Ion Ratio Lower Upper
202 100
101 13.8 12.2 18.4
100 11.1 9.5 14.3





#18

Benzo(a)anthracene

Concen: 0.440 ng/ul

RT: 21.11 min Scan# 4661

Delta R.T. -0.00 min

Lab File: BN008991.D

Acq: 14 Dec 2019 05:46

Instrument :

BNA_N

ClientSampleId :

SSTD0.4131

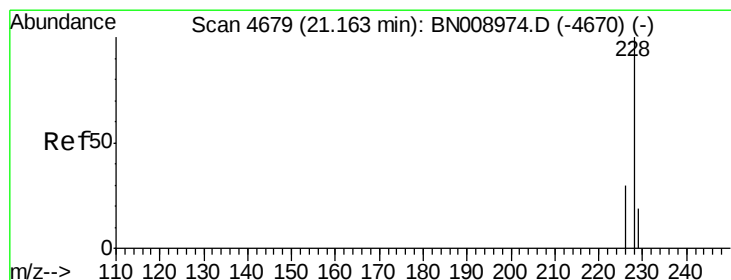
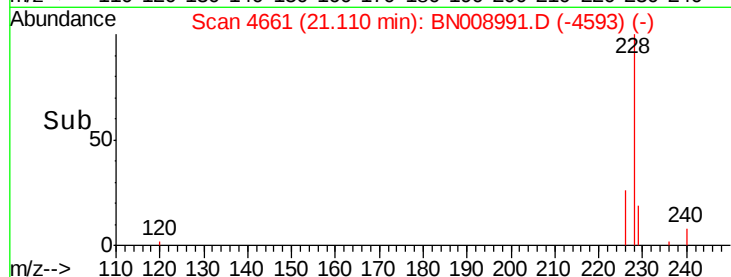
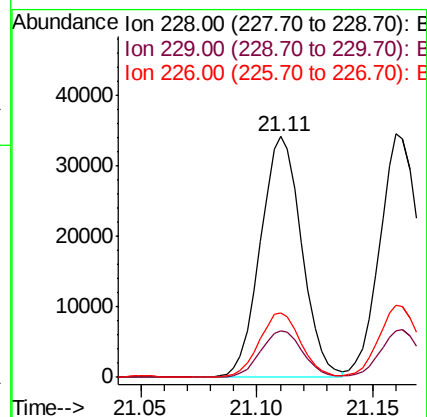
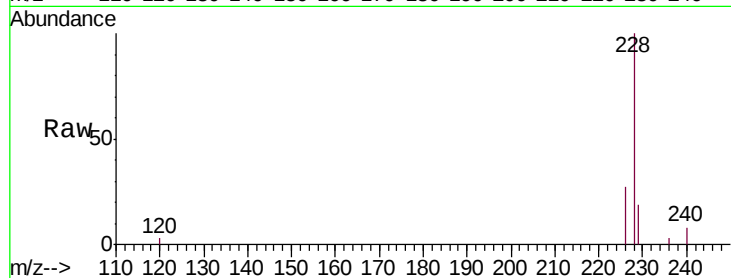
Tgt Ion:228 Resp: 42179

Ion Ratio Lower Upper

228 100

229 19.4 15.7 23.5

226 26.5 21.5 32.3



#19

Chrysene

Concen: 0.441 ng/ul

RT: 21.16 min Scan# 4678

Delta R.T. -0.00 min

Lab File: BN008991.D

Acq: 14 Dec 2019 05:46

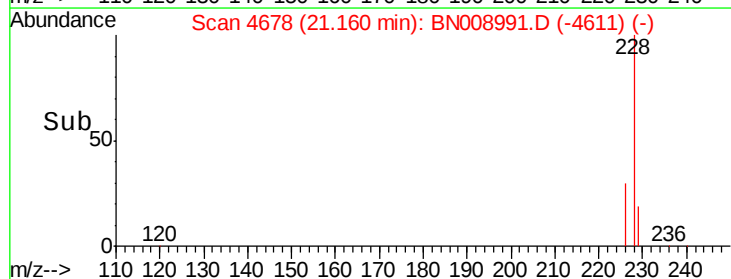
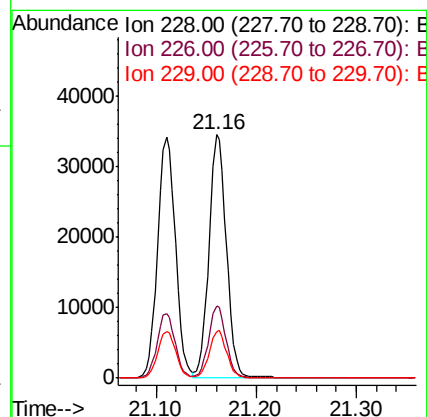
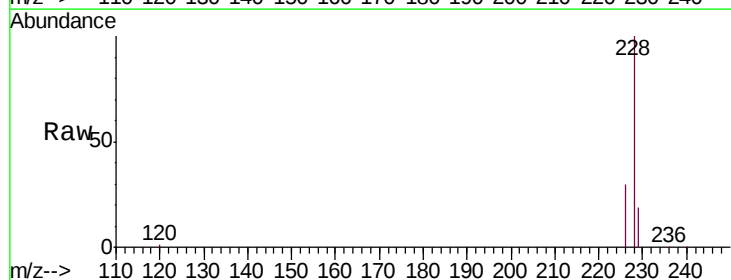
Tgt Ion:228 Resp: 41509

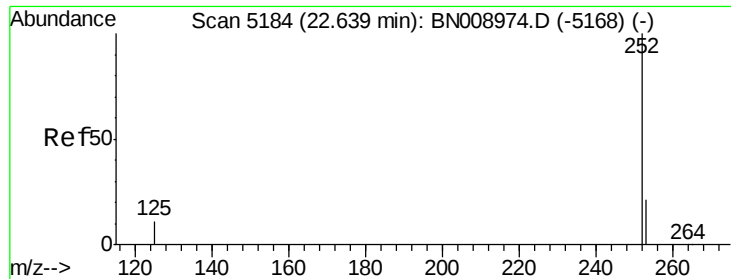
Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.6

229 19.3 15.6 23.4





#21

Benzo(b)fluoranthene

Concen: 0.438 ng/ul

RT: 22.64 min Scan# 5183

Delta R.T. -0.00 min

Lab File: BN008991.D

Acq: 14 Dec 2019 05:46

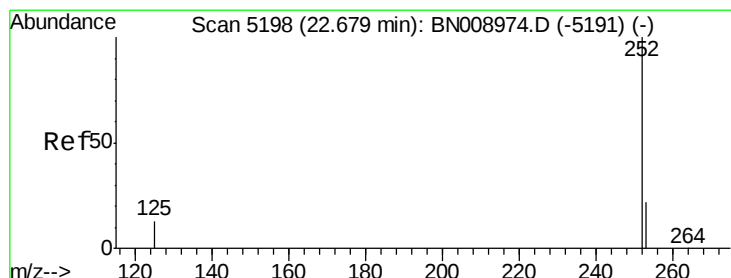
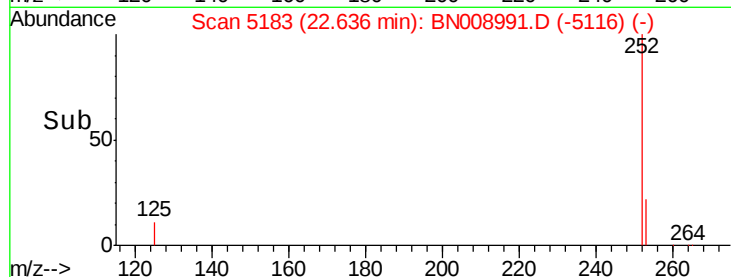
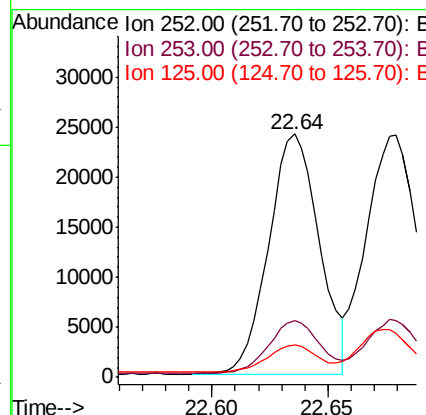
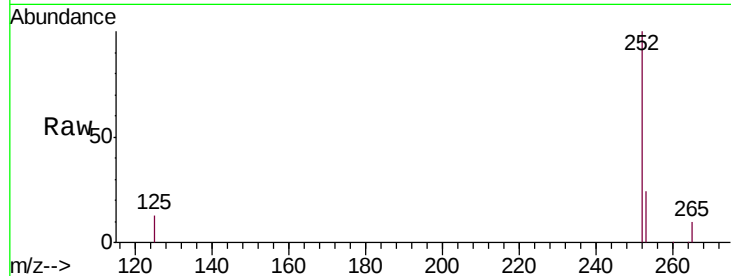
Instrument :

BNA_N

ClientSampleId :

SSTD0.4131

Tgt Ion:	252	Resp:	36295
Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	48.6
125	13.2	0.0	31.6



#22

Benzo(k)fluoranthene

Concen: 0.458 ng/ul

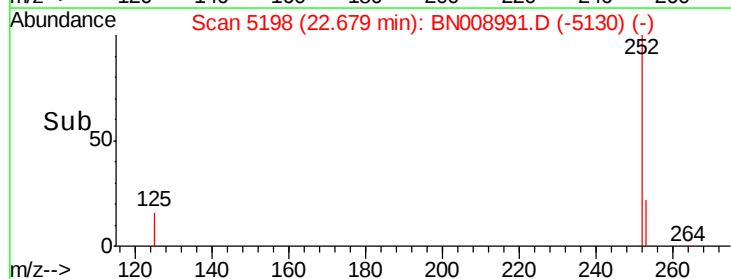
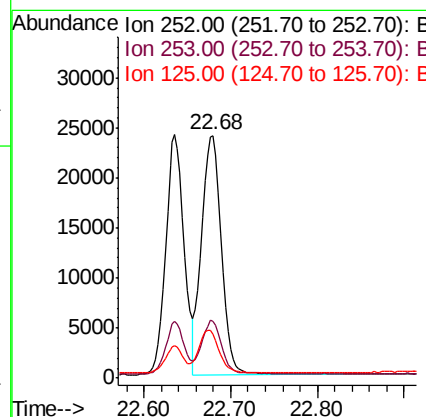
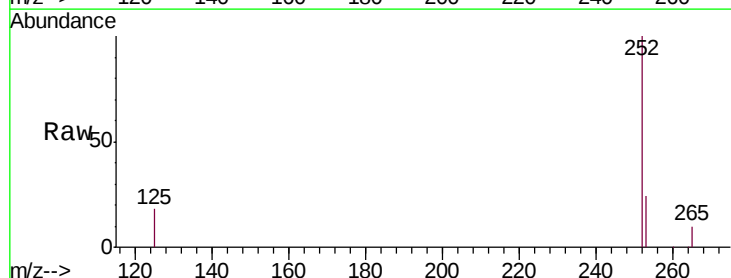
RT: 22.68 min Scan# 5198

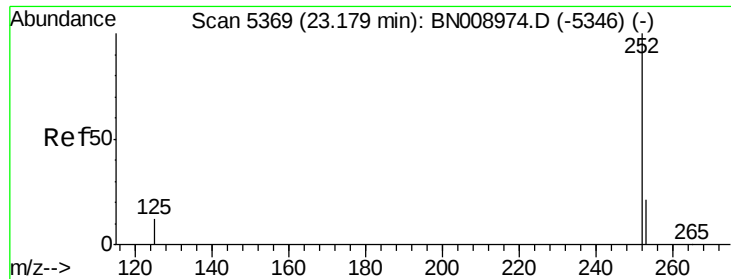
Delta R.T. -0.00 min

Lab File: BN008991.D

Acq: 14 Dec 2019 05:46

Tgt Ion:	252	Resp:	37718
Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.6	29.4
125	18.0	13.8	20.6





#23

Benzo(a)pyrene

Concen: 0.414 ng/ul

RT: 23.18 min Scan# 5368

Delta R.T. -0.00 min

Lab File: BN008991.D

Acq: 14 Dec 2019 05:46

Instrument :

BNA_N

ClientSampleId :

SSTD0.4131

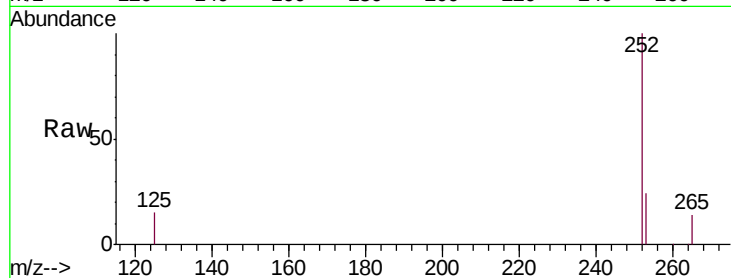
Tgt Ion:252 Resp: 32215

Ion Ratio Lower Upper

252 100

253 23.8 19.9 29.9

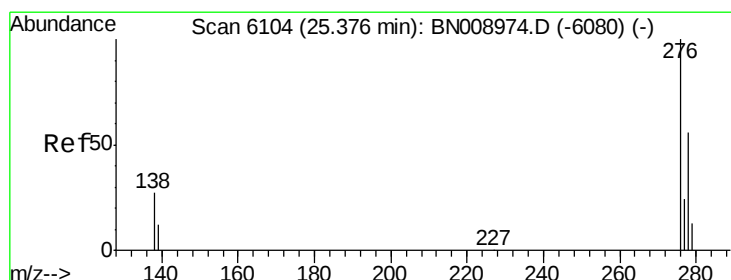
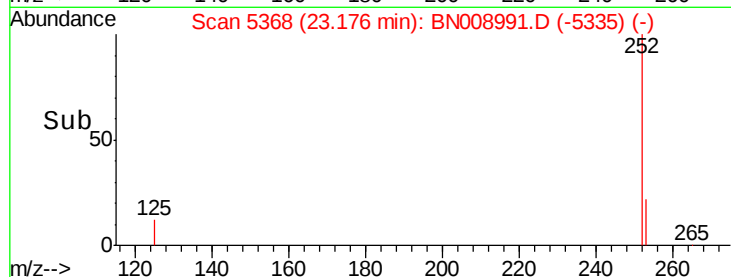
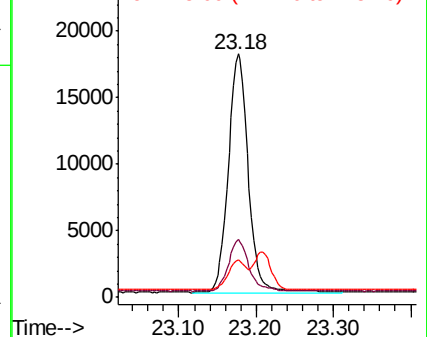
125 15.4 14.6 22.0



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: 0.375 ng/ul

RT: 25.38 min Scan# 6104

Delta R.T. -0.00 min

Lab File: BN008991.D

Acq: 14 Dec 2019 05:46

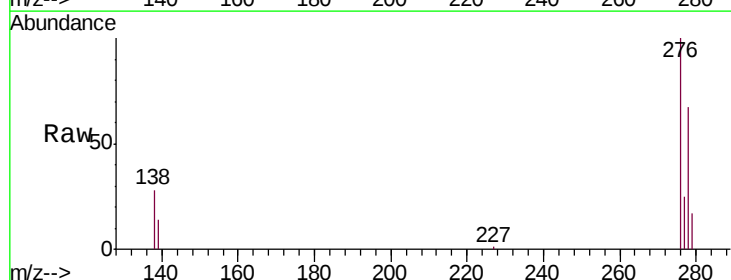
Tgt Ion:276 Resp: 34151

Ion Ratio Lower Upper

276 100

138 30.2 23.8 35.6

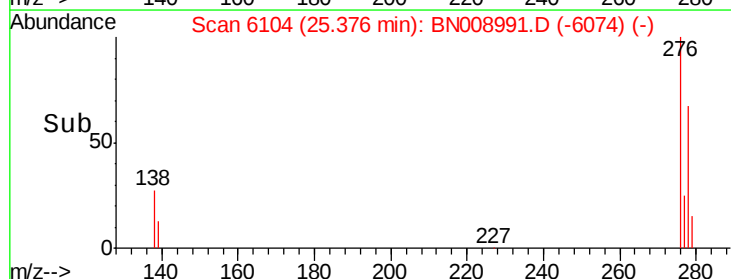
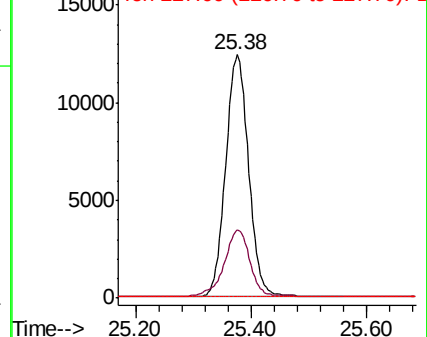
227 0.3 0.2 0.2#

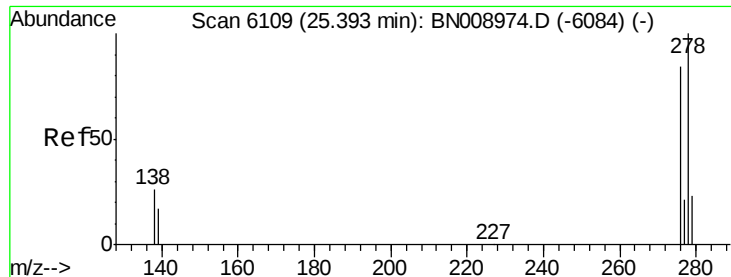


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



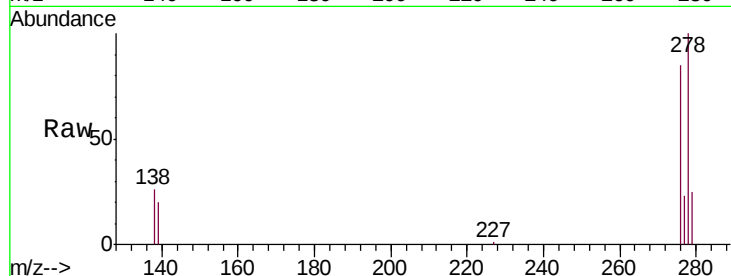


#25
Dibenzo(a,h)anthracene
Concen: 0.378 ng/ul
RT: 25.39 min Scan# 6108
Delta R.T. -0.00 min
Lab File: BN008991.D
Acq: 14 Dec 2019 05:46

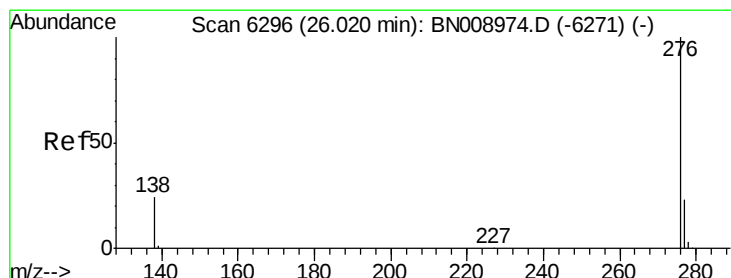
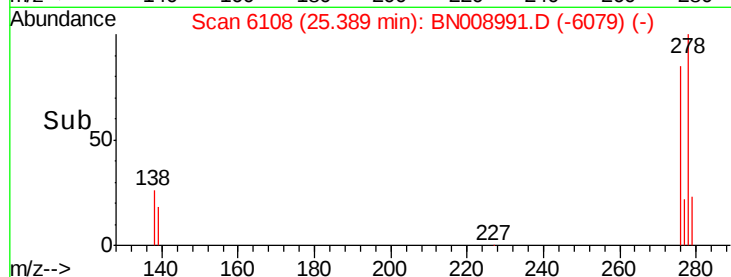
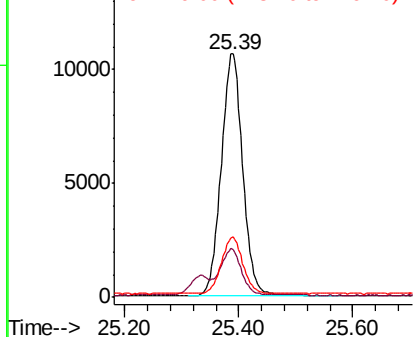
Instrument :
BNA_N
ClientSampleId :
SSTD0.4131

Tgt Ion: 278 Resp: 27761

Ion	Ratio	Lower	Upper
278	100		
139	19.5	17.4	26.0
279	24.7	20.5	30.7



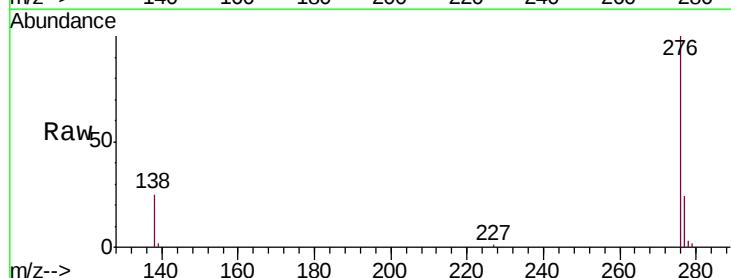
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.367 ng/ul
RT: 26.01 min Scan# 6293
Delta R.T. -0.01 min
Lab File: BN008991.D
Acq: 14 Dec 2019 05:46

Tgt Ion: 276 Resp: 27917

Ion	Ratio	Lower	Upper
276	100		
138	25.2	21.9	32.9
277	24.4	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

