

Data File : BN004086.D
Acq On : 18 Dec 2018 20:49
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.429

Quant Time: Dec 19 01:59:12 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 : Wed Dec 19 01:54:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1428	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7231	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4529	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	11793	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	13129	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	12221	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	4668	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	14898	0.43	ng/ul	0.00

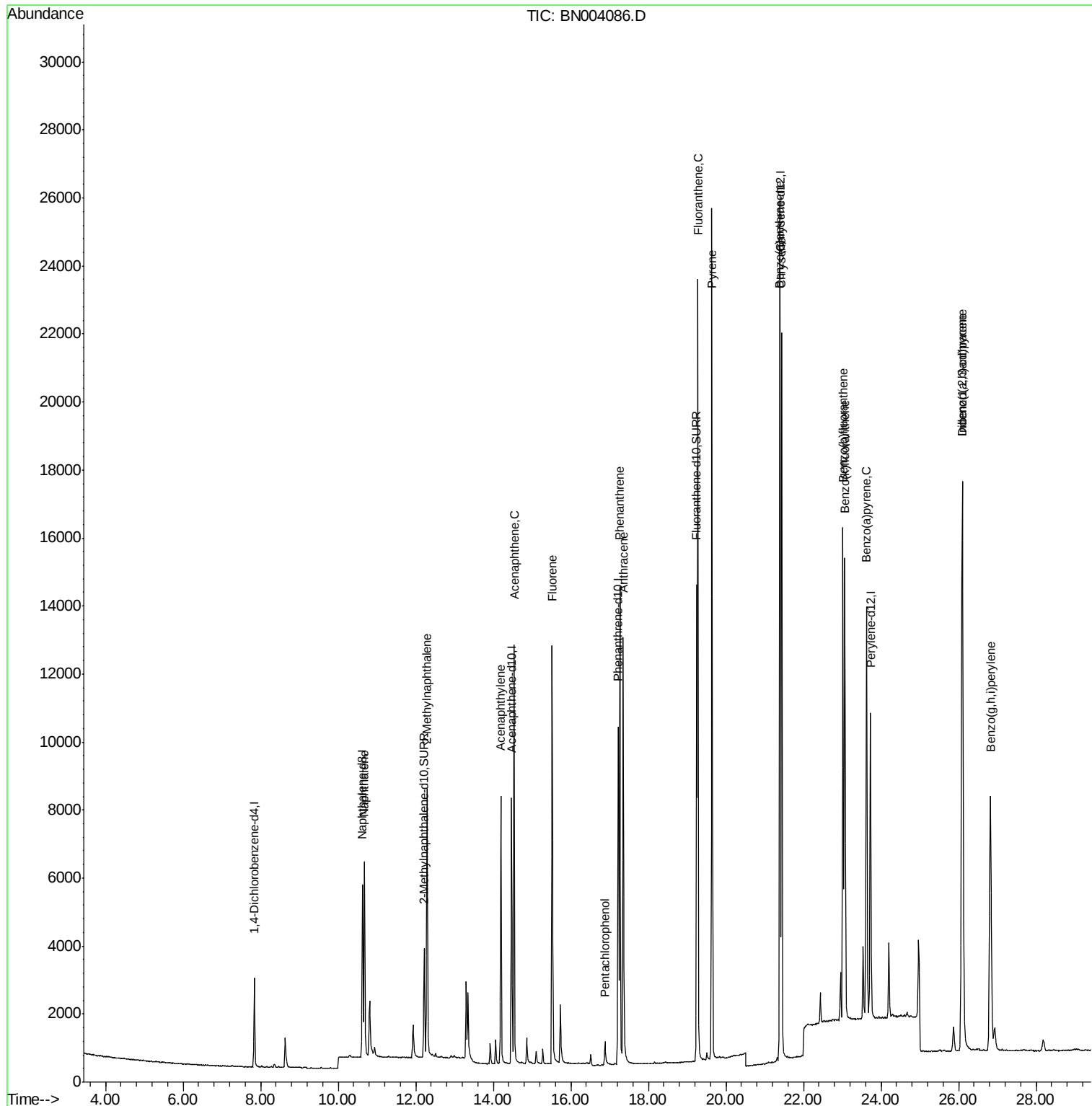
Target Compounds					Qvalue
3) Naphthalene	10.68	128	8289	0.408	ng/ul 97
5) 2-Methylnaphthalene	12.29	142	6188	0.436	ng/ul 99
7) Acenaphthylene	14.20	152	9617	0.472	ng/ul 99
8) Acenaphthene	14.53	153	7354	0.412	ng/ul 100
9) Fluorene	15.52	166	8731	0.419	ng/ul 99
11) Pentachlorophenol	16.88	266	754	0.355	ng/ul 97
12) Phenanthrene	17.26	178	15522	0.401	ng/ul 99
13) Anthracene	17.35	178	14916	0.469	ng/ul 100
15) Fluoranthene	19.28	202	19814	0.433	ng/ul 96
17) Pyrene	19.64	202	20345	0.432	ng/ul 96
18) Benzo(a)anthracene	21.39	228	19285	0.465	ng/ul 98
19) Chrysene	21.44	228	18779	0.396	ng/ul 99
21) Benzo(b)fluoranthene	23.02	252	18526	0.366	ng/ul 96
22) Benzo(k)fluoranthene	23.07	252	18914	0.384	ng/ul# 96
23) Benzo(a)pyrene	23.62	252	17663	0.403	ng/ul 96
24) Indeno(1,2,3-cd)pyrene	26.09	276	20465	0.408	ng/ul 97
25) Dibenzo(a,h)anthracene	26.10	278	16621	0.411	ng/ul 96
26) Benzo(g,h,i)perylene	26.82	276	17128	0.393	ng/ul 96

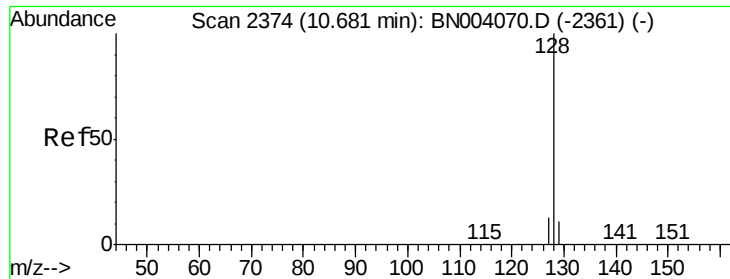
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 19 01:59:12 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 : Wed Dec 19 01:54:36 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.408 ng/ul

RT: 10.68 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BN004086.D

Acq: 18 Dec 2018 20:49

Instrument :

BNA_N

ClientSampleId :

SSTD0.429

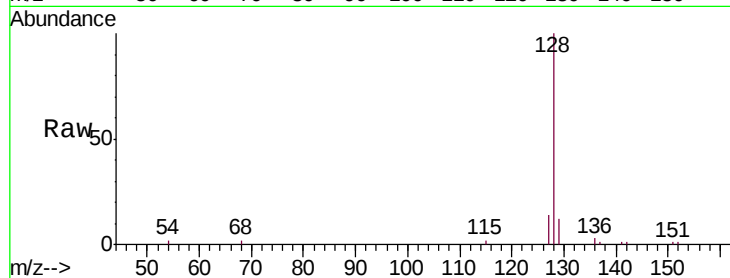
Tgt Ion:128 Resp: 8289

Ion Ratio Lower Upper

128 100

129 12.1 9.0 13.6

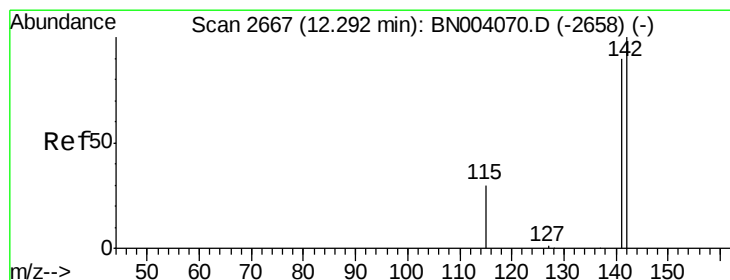
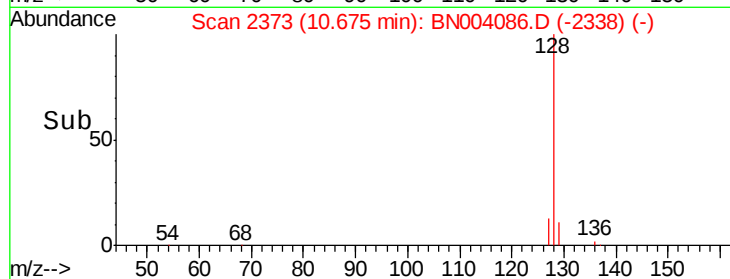
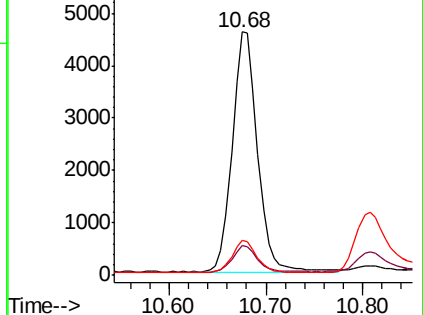
127 14.3 10.5 15.7



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: 0.436 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BN004086.D

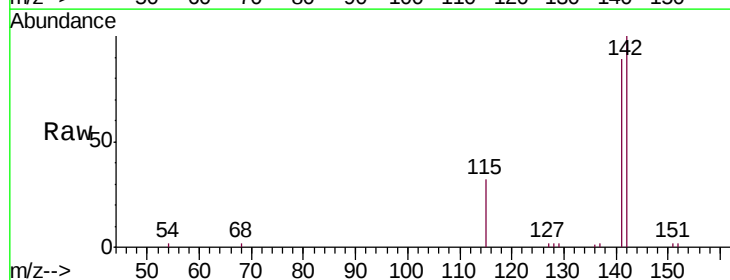
Acq: 18 Dec 2018 20:49

Tgt Ion:142 Resp: 6188

Ion Ratio Lower Upper

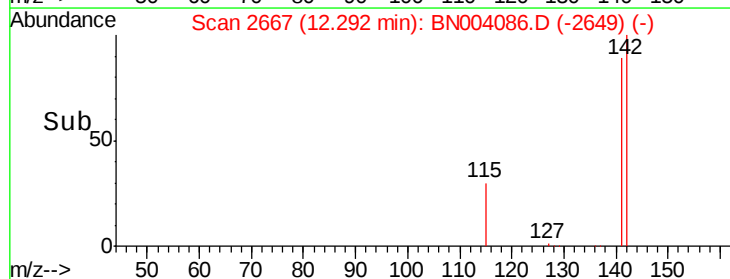
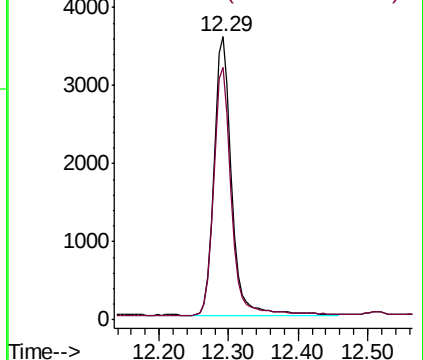
142 100

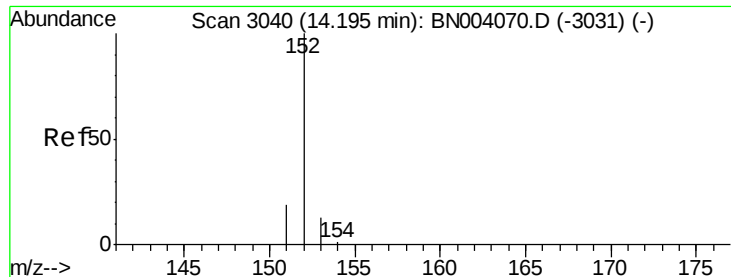
141 90.4 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.472 ng/ul

RT: 14.20 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BN004086.D

Acq: 18 Dec 2018 20:49

Instrument :

BNA_N

ClientSampleId :

SSTD0.429

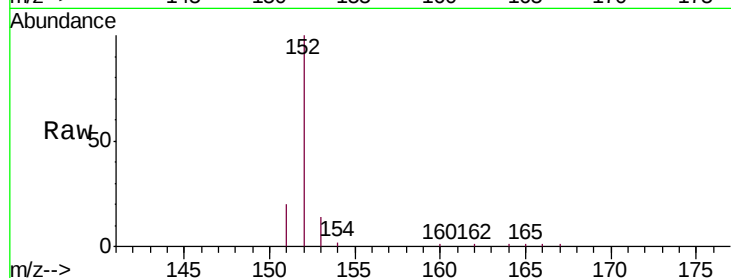
Tgt Ion:152 Resp: 9617

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

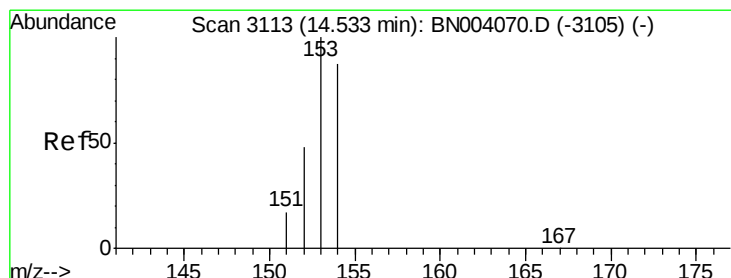
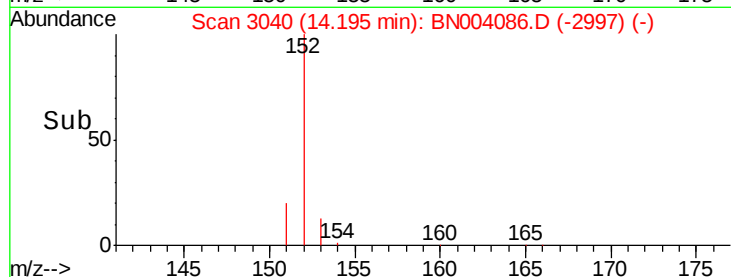
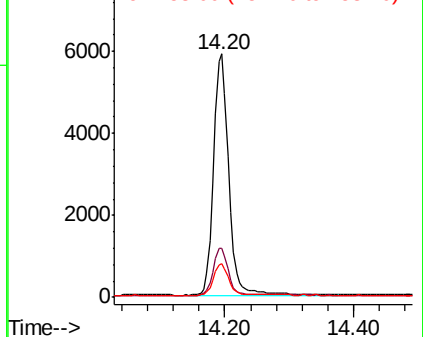
153 14.1 10.7 16.1



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: 0.412 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BN004086.D

Acq: 18 Dec 2018 20:49

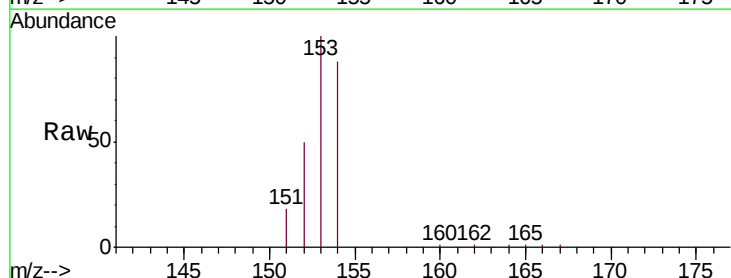
Tgt Ion:153 Resp: 7354

Ion Ratio Lower Upper

153 100

152 49.5 39.3 58.9

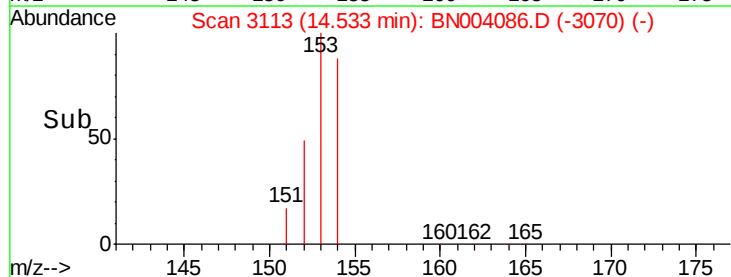
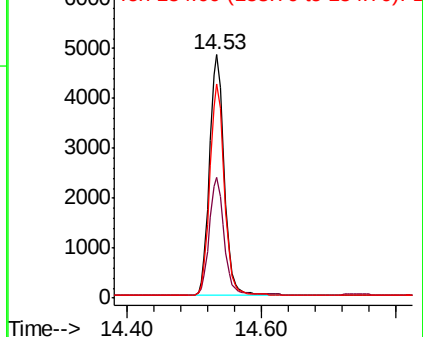
154 88.2 70.3 105.5

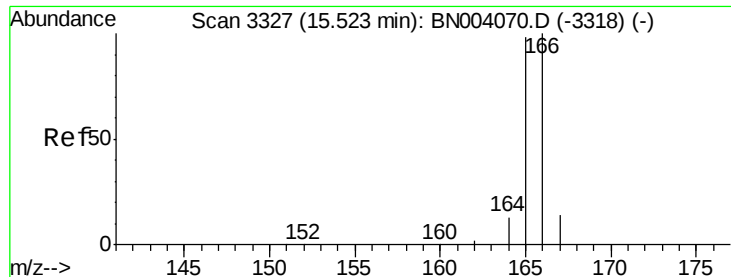


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.419 ng/ul

RT: 15.52 min Scan# 3327

Delta R.T. 0.00 min

Lab File: BN004086.D

Acq: 18 Dec 2018 20:49

Instrument :

BNA_N

ClientSampleId :

SSTD0.429

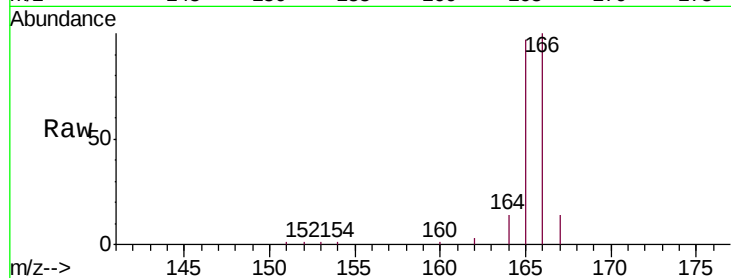
Tgt Ion:166 Resp: 8731

Ion Ratio Lower Upper

166 100

165 97.2 78.3 117.5

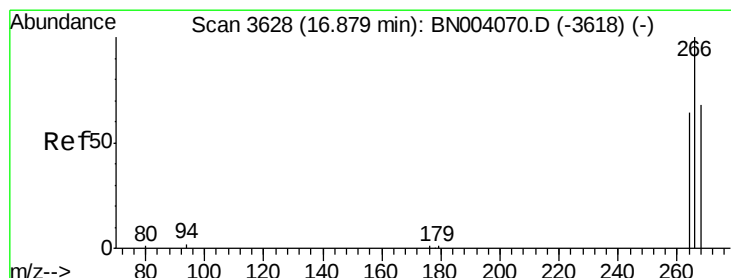
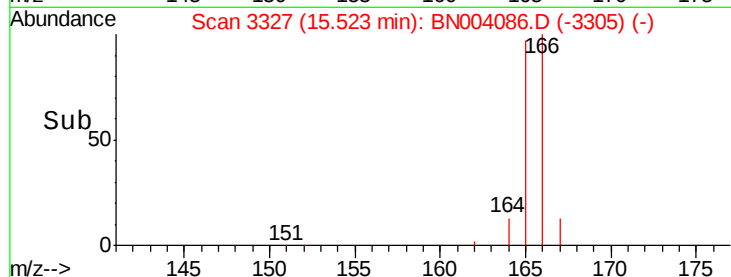
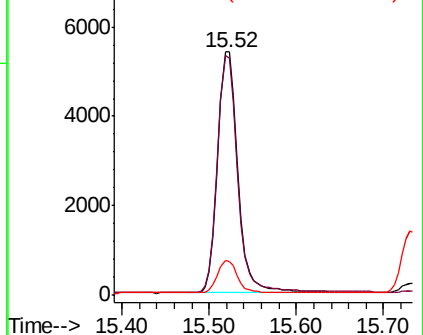
167 14.1 11.3 16.9



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: 0.355 ng/ul

RT: 16.88 min Scan# 3628

Delta R.T. 0.00 min

Lab File: BN004086.D

Acq: 18 Dec 2018 20:49

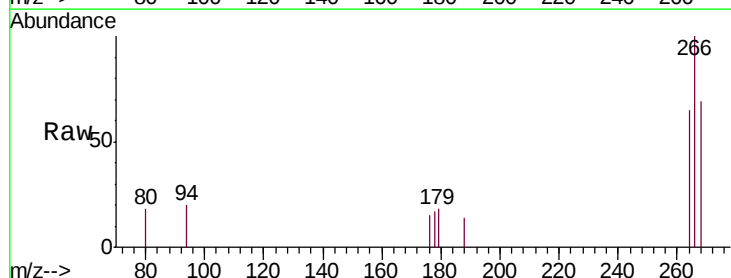
Tgt Ion:266 Resp: 754

Ion Ratio Lower Upper

266 100

264 57.8 49.4 74.2

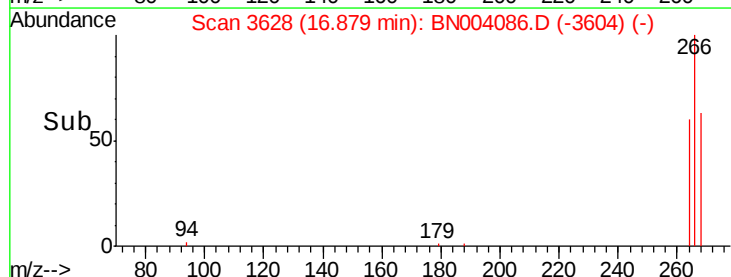
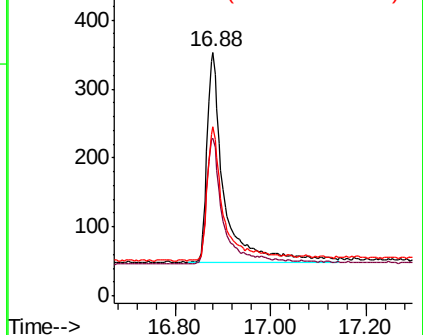
268 63.5 51.7 77.5

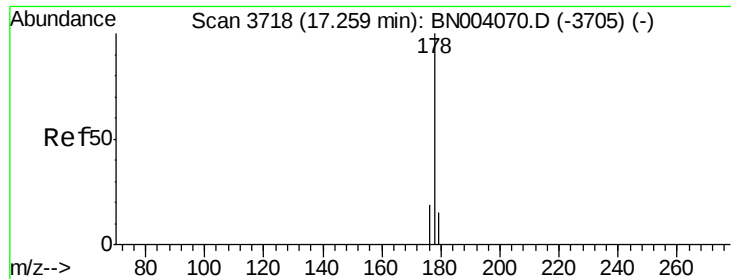


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.401 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. 0.00 min

Lab File: BN004086.D

Acq: 18 Dec 2018 20:49

Instrument :

BNA_N

ClientSampleId :

SSTD0.429

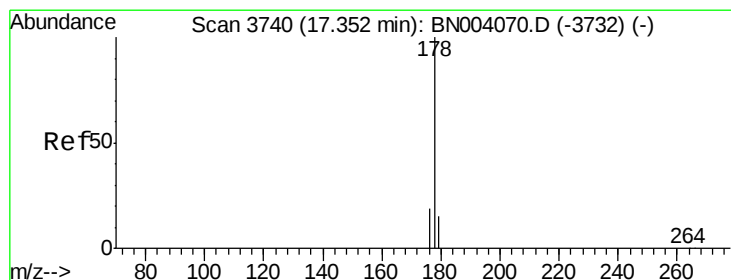
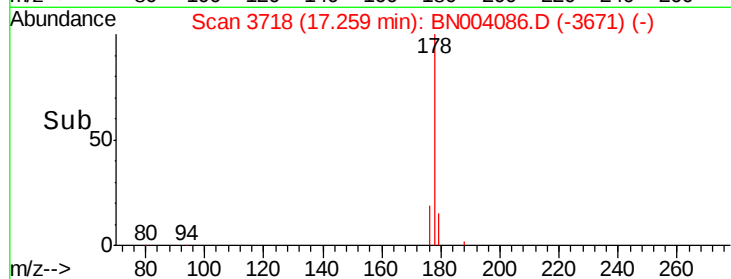
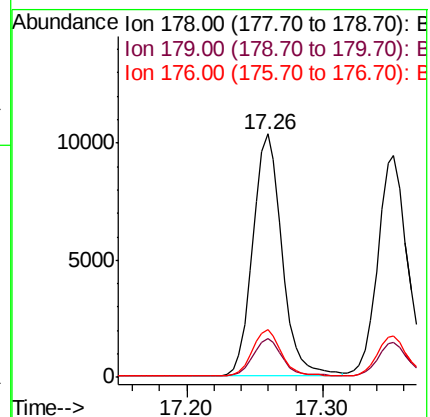
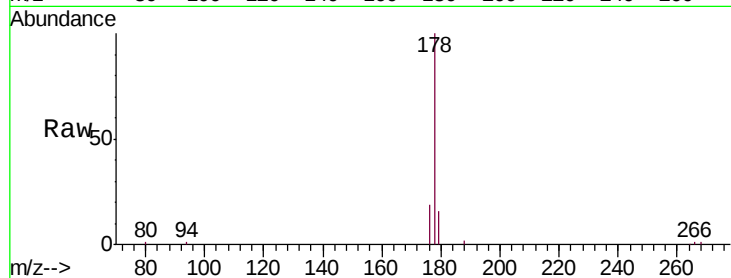
Tgt Ion:178 Resp: 15522

Ion Ratio Lower Upper

178 100

179 15.8 12.5 18.7

176 19.4 15.0 22.4



#13

Anthracene

Concen: 0.469 ng/ul

RT: 17.35 min Scan# 3740

Delta R.T. 0.00 min

Lab File: BN004086.D

Acq: 18 Dec 2018 20:49

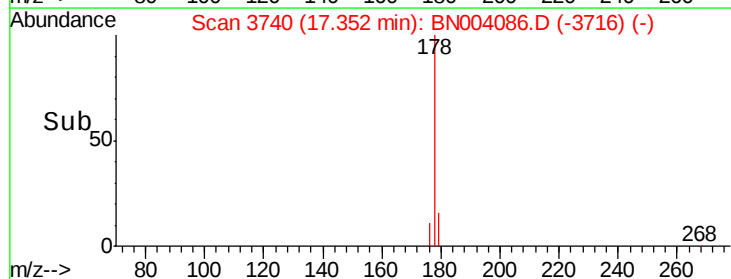
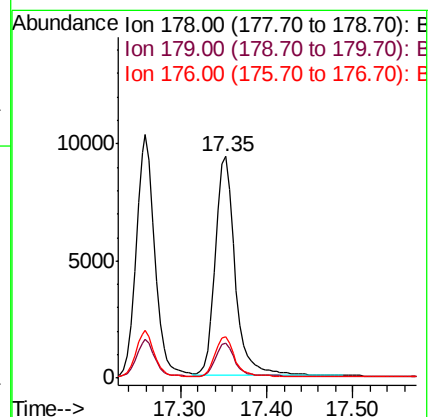
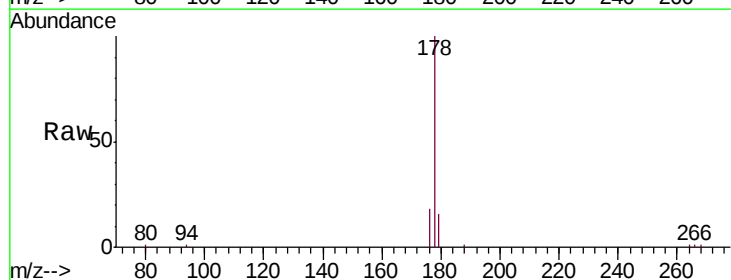
Tgt Ion:178 Resp: 14916

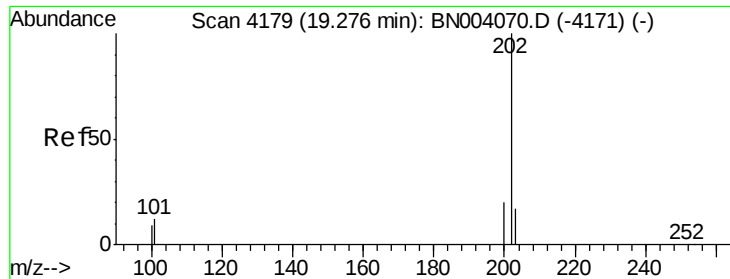
Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

176 18.5 14.8 22.2





#15

Fluoranthene

Concen: 0.433 ng/ul

RT: 19.28 min Scan# 4179

Delta R.T. 0.00 min

Lab File: BN004086.D

Acq: 18 Dec 2018 20:49

Instrument :

BNA_N

ClientSampleId :

SSTD0.429

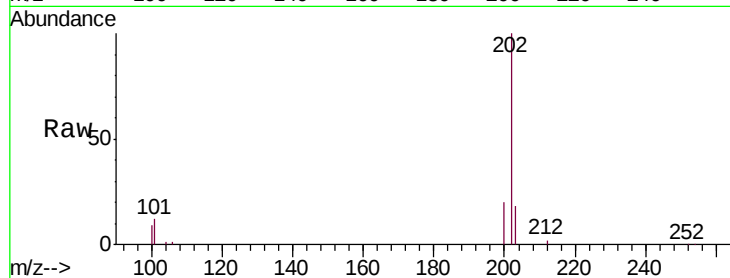
Tgt Ion:202 Resp: 19814

Ion Ratio Lower Upper

202 100

101 12.4 0.0 30.7

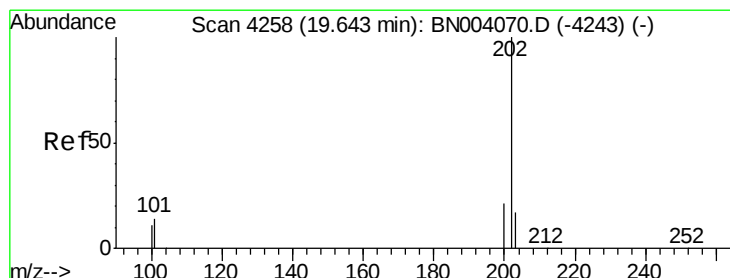
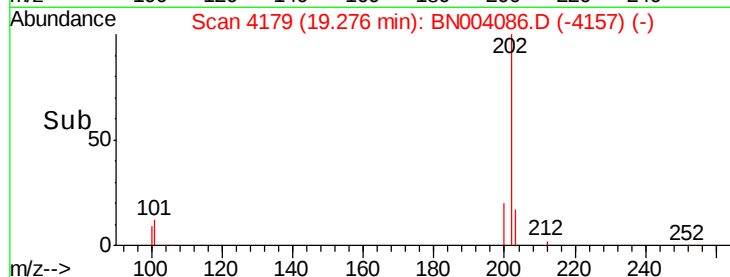
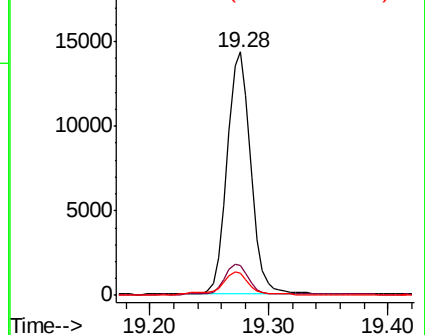
100 9.2 0.0 28.1



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: 0.432 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. -0.00 min

Lab File: BN004086.D

Acq: 18 Dec 2018 20:49

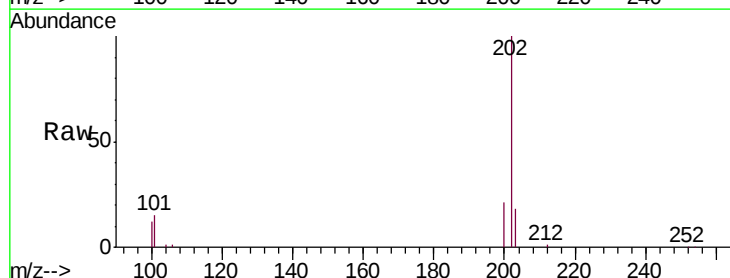
Tgt Ion:202 Resp: 20345

Ion Ratio Lower Upper

202 100

101 14.6 10.3 15.5

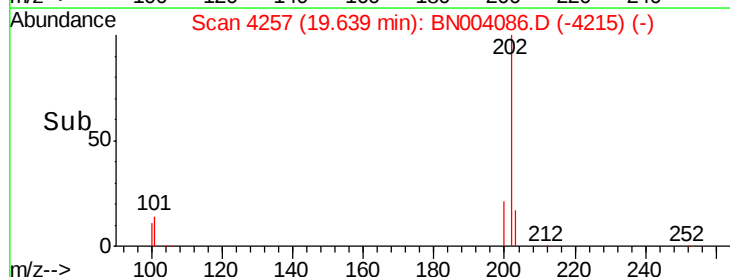
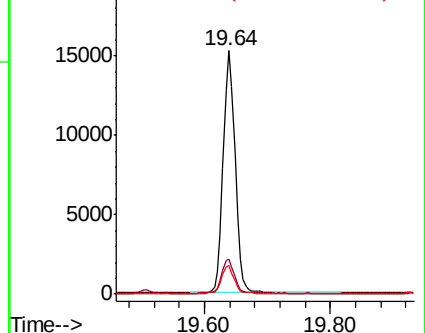
100 11.6 8.5 12.7

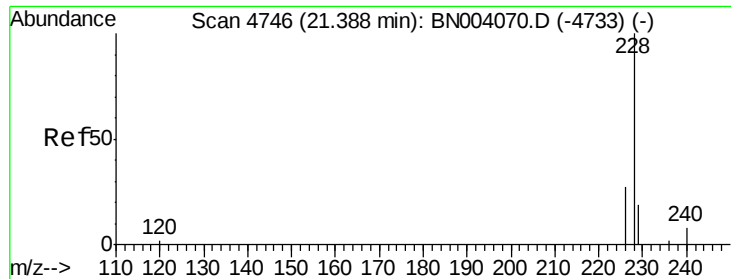


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.465 ng/ul

RT: 21.39 min Scan# 4745

Delta R.T. -0.00 min

Lab File: BN004086.D

Acq: 18 Dec 2018 20:49

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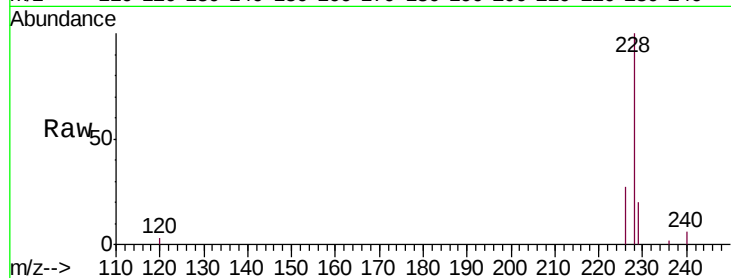
Tgt Ion:228 Resp: 19285

Ion Ratio Lower Upper

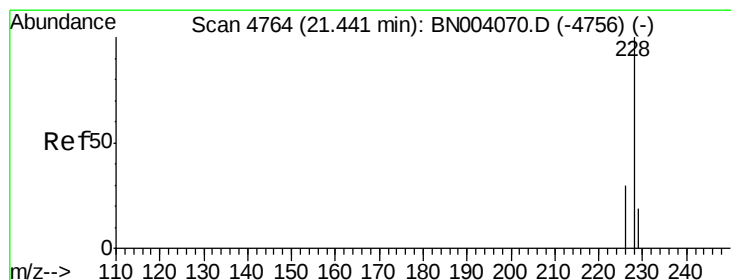
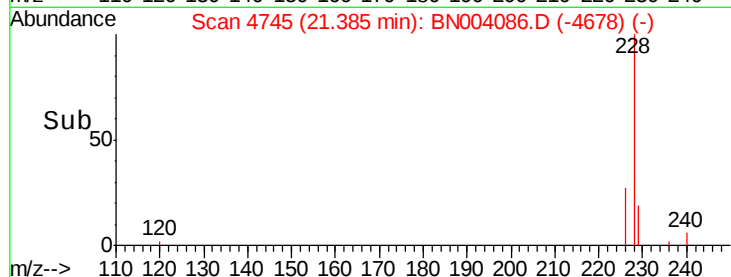
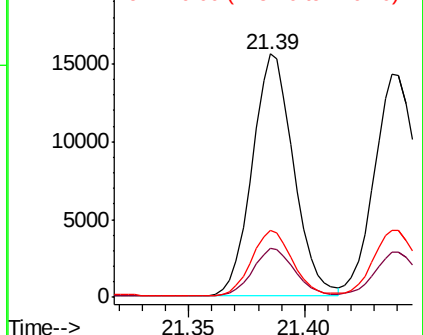
228 100

229 20.0 15.6 23.4

226 27.4 21.1 31.7



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: 0.396 ng/ul

RT: 21.44 min Scan# 4763

Delta R.T. -0.00 min

Lab File: BN004086.D

Acq: 18 Dec 2018 20:49

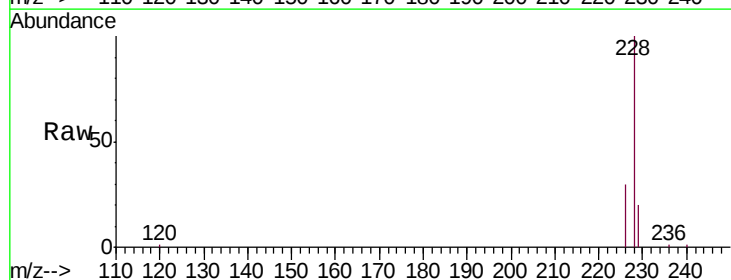
Tgt Ion:228 Resp: 18779

Ion Ratio Lower Upper

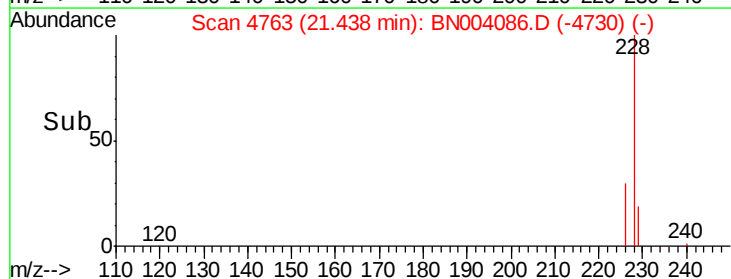
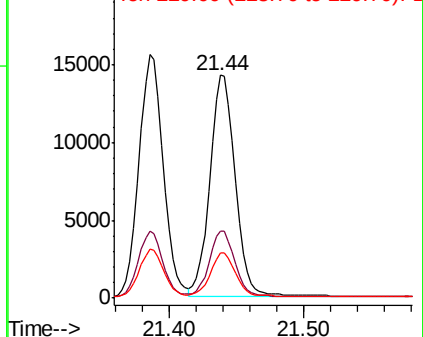
228 100

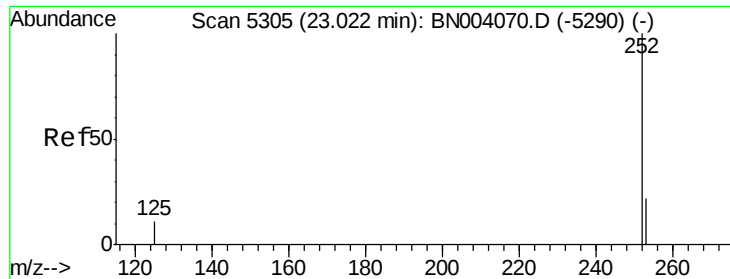
226 30.1 24.0 36.0

229 20.0 15.7 23.5



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: 0.366 ng/u1

RT: 23.02 min Scan# 5304

Delta R.T. -0.00 min

Lab File: BN004086.D

Acq: 18 Dec 2018 20:49

Instrument :

BNA_N

ClientSampleId :

SSTD0.429

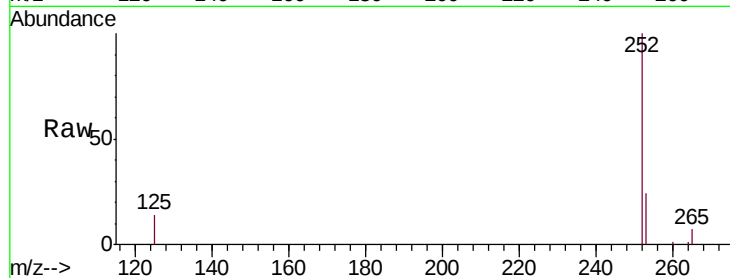
Tgt Ion:252 Resp: 18526

Ion Ratio Lower Upper

252 100

253 24.1 0.0 46.0

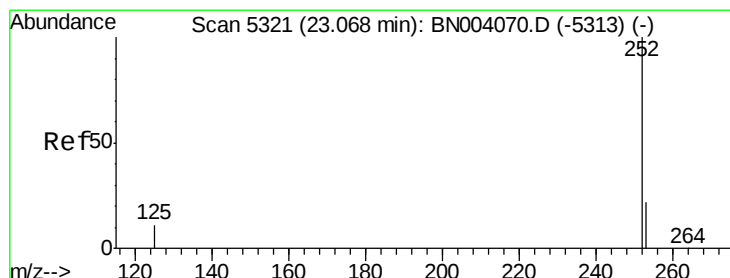
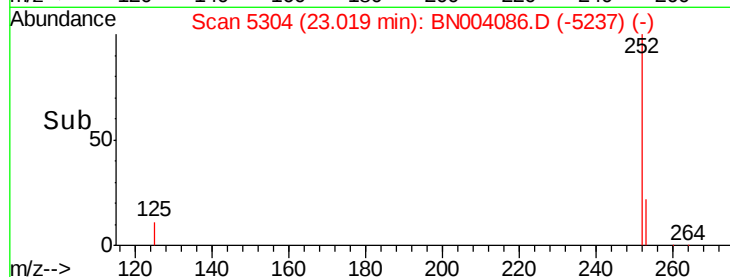
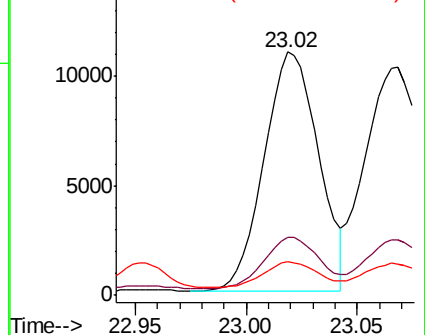
125 13.8 0.0 22.4



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: 0.384 ng/u1

RT: 23.07 min Scan# 5321

Delta R.T. 0.00 min

Lab File: BN004086.D

Acq: 18 Dec 2018 20:49

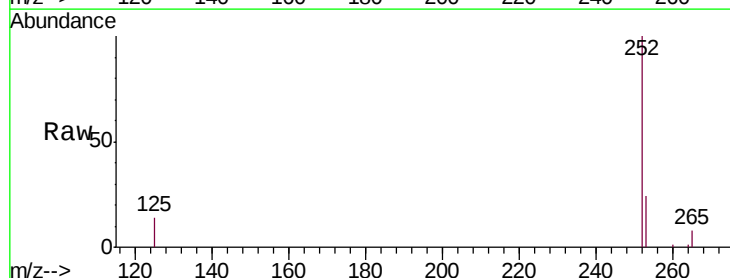
Tgt Ion:252 Resp: 18914

Ion Ratio Lower Upper

252 100

253 24.1 18.5 27.7

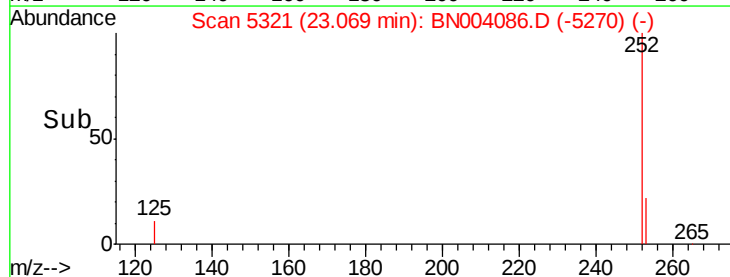
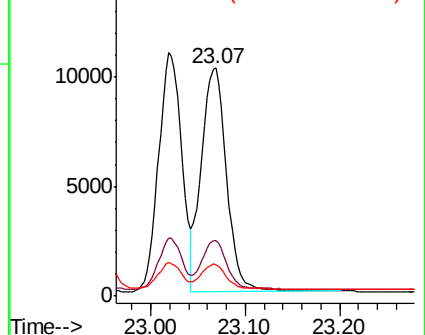
125 13.9 9.0 13.6#

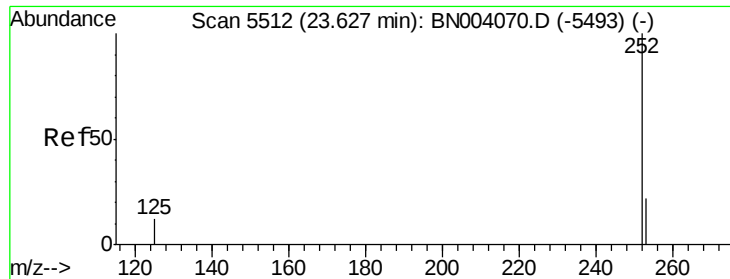


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.403 ng/u1

RT: 23.62 min Scan# 5511

Delta R.T. -0.00 min

Lab File: BN004086.D

Acq: 18 Dec 2018 20:49

Instrument :

BNA_N

ClientSampleId :

SSTD0.429

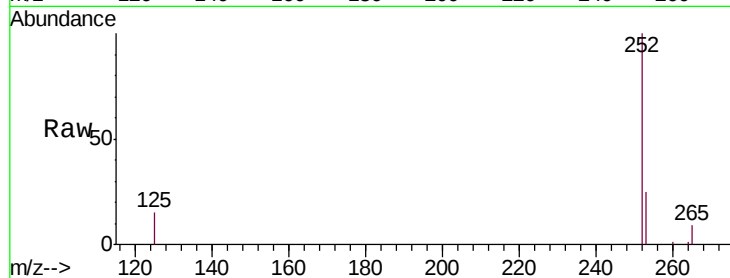
Tgt Ion:252 Resp: 17663

Ion Ratio Lower Upper

252 100

253 24.9 19.0 28.4

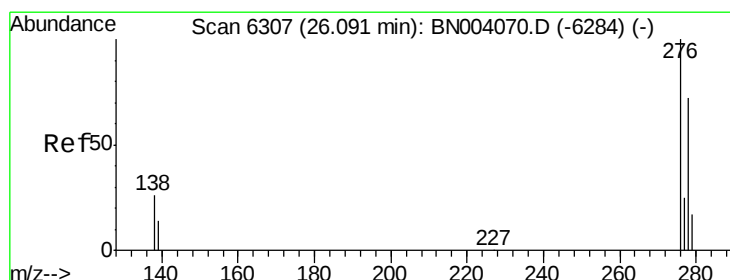
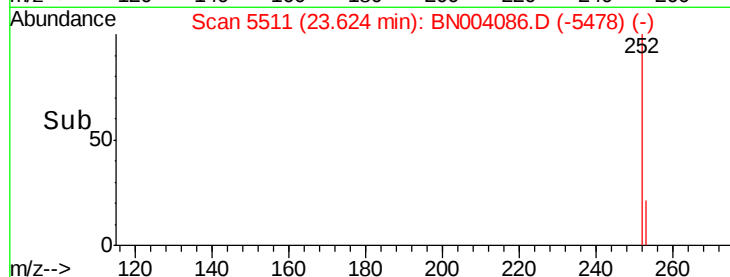
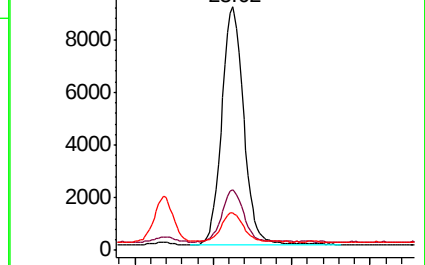
125 15.3 10.2 15.4



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.408 ng/u1

RT: 26.09 min Scan# 6307

Delta R.T. 0.00 min

Lab File: BN004086.D

Acq: 18 Dec 2018 20:49

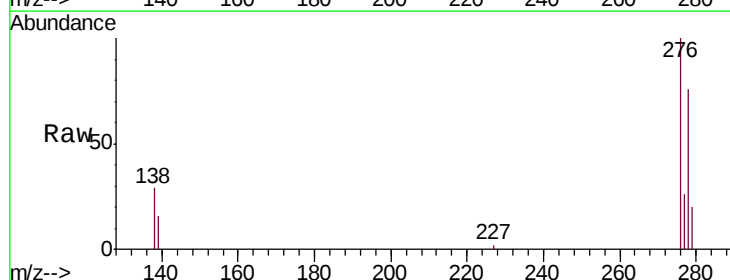
Tgt Ion:276 Resp: 20465

Ion Ratio Lower Upper

276 100

138 27.0 20.3 30.5

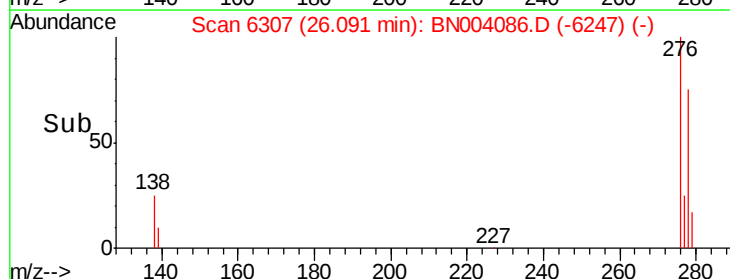
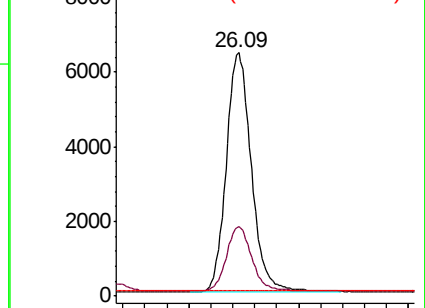
227 0.2 0.2 0.2

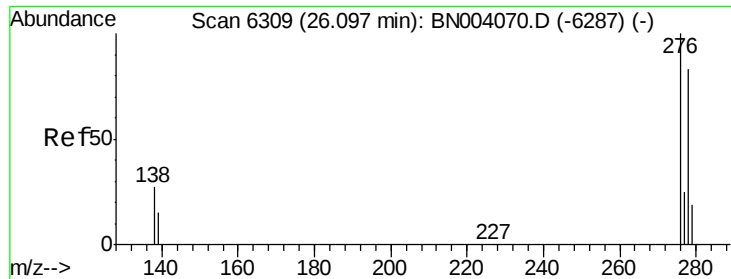


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

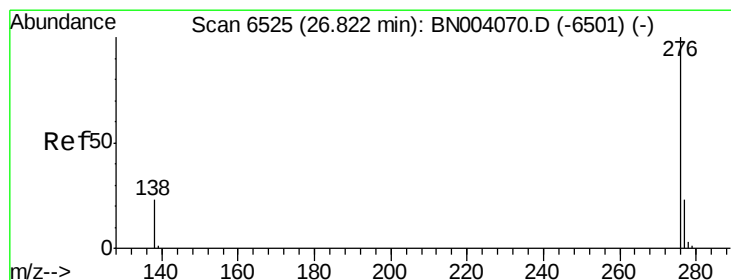
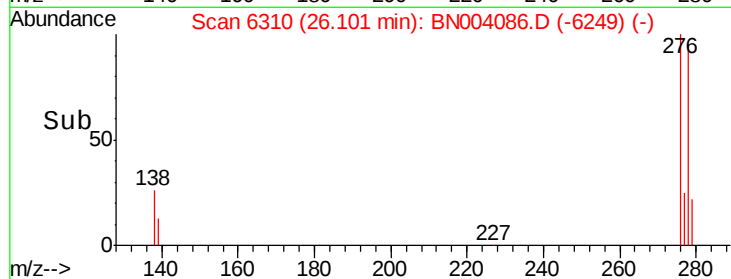
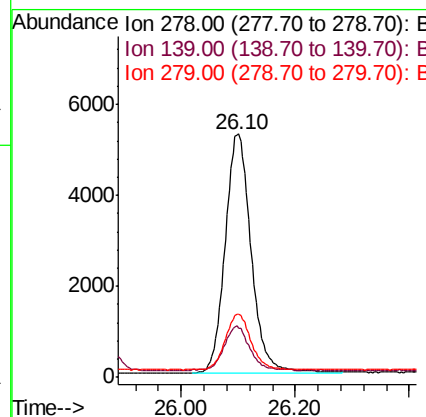
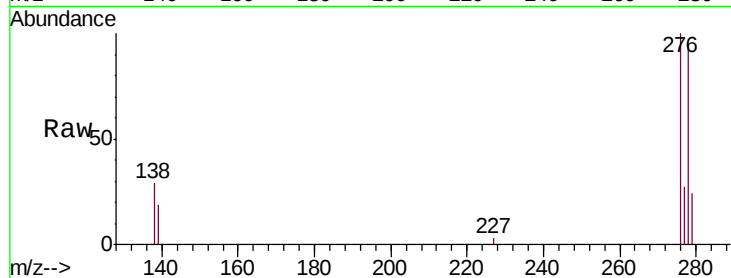




#25
Dibenzo(a,h)anthracene
Concen: 0.411 ng/ul
RT: 26.10 min Scan# 6310
Delta R.T. 0.00 min
Lab File: BN004086.D
Acq: 18 Dec 2018 20:49

Instrument :
BNA_N
ClientSampleId :
SSTD0.429

Tgt Ion: 278 Resp: 16621
Ion Ratio Lower Upper
278 100
139 20.4 14.2 21.4
279 25.8 19.8 29.6



#26
Benzo(g,h,i)perylene
Concen: 0.393 ng/ul
RT: 26.82 min Scan# 6525
Delta R.T. 0.00 min
Lab File: BN004086.D
Acq: 18 Dec 2018 20:49

Tgt Ion: 276 Resp: 17128
Ion Ratio Lower Upper
276 100
138 24.6 17.7 26.5
277 25.4 19.3 28.9

