

Data File : BN004005.D
Acq On : 16 Dec 2018 21:06
Operator : JU/SJ
Sample : SSTDC00.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.422

Quant Time: Dec 17 04:11:24 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 : Mon Dec 17 04:06:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1755	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8860	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5275	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	13183	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	14861	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	12947	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	5310	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	15575	0.40	ng/ul	0.00

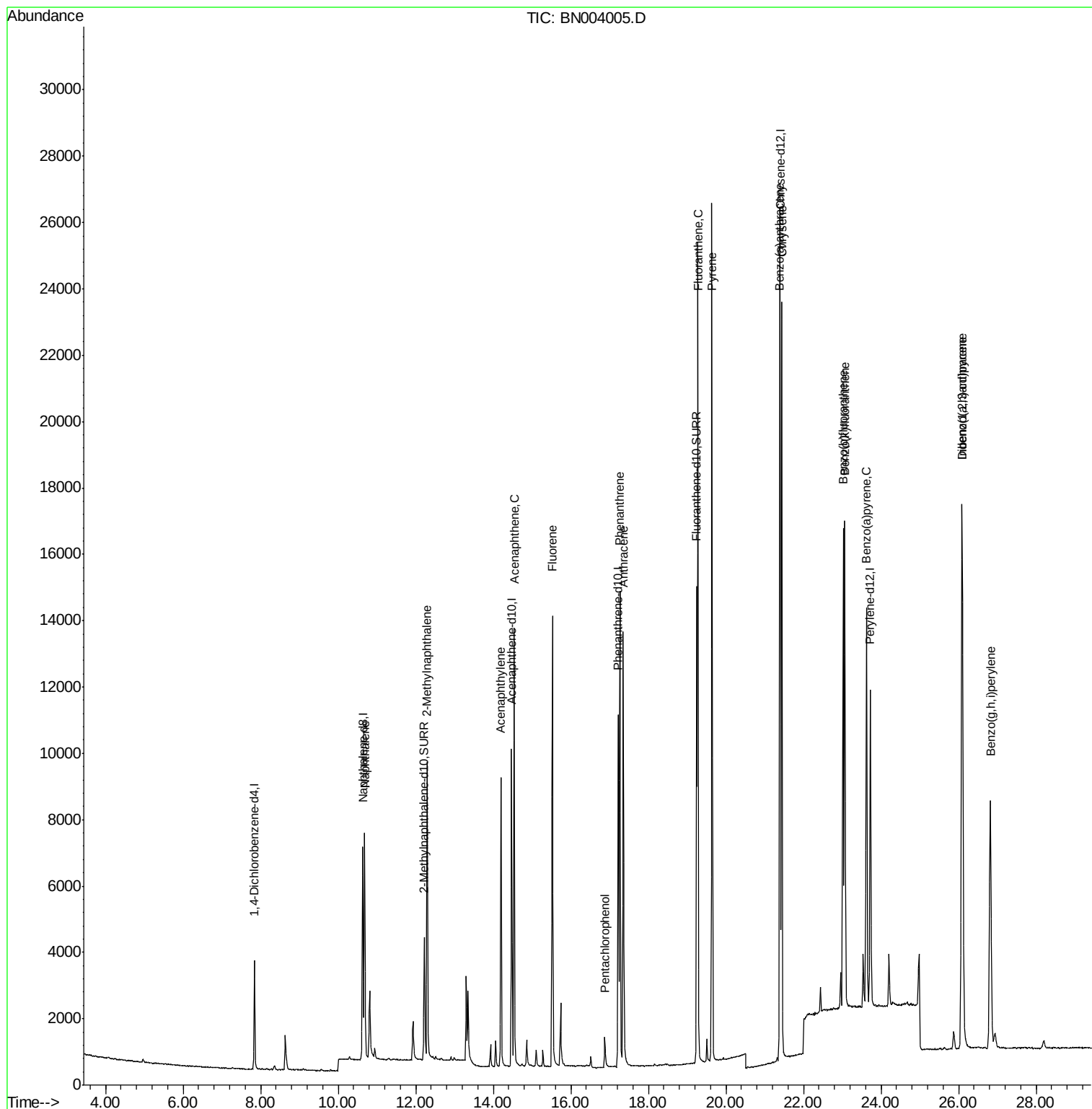
Target Compounds					Qvalue
3) Naphthalene	10.68	128	9488	0.381	ng/ul 97
5) 2-Methylnaphthalene	12.29	142	6942	0.399	ng/ul 99
7) Acenaphthylene	14.20	152	10506	0.442	ng/ul 99
8) Acenaphthene	14.54	153	7946	0.382	ng/ul 99
9) Fluorene	15.52	166	9142	0.377	ng/ul 100
11) Pentachlorophenol	16.88	266	921	0.388	ng/ul 96
12) Phenanthrene	17.26	178	16032	0.371	ng/ul 99
13) Anthracene	17.35	178	15252	0.429	ng/ul 99
15) Fluoranthene	19.28	202	20606	0.403	ng/ul 96
17) Pyrene	19.64	202	21275	0.399	ng/ul 95
18) Benzo(a)anthracene	21.39	228	19997	0.426	ng/ul 98
19) Chrysene	21.44	228	19438	0.362	ng/ul 99
21) Benzo(b)fluoranthene	23.02	252	18432	0.344	ng/ul 95
22) Benzo(k)fluoranthene	23.07	252	18820	0.361	ng/ul# 96
23) Benzo(a)pyrene	23.62	252	17231	0.372	ng/ul# 95
24) Indeno(1,2,3-cd)pyrene	26.08	276	19889	0.374	ng/ul# 50
25) Dibenzo(a,h)anthracene	26.09	278	16141	0.377	ng/ul 95
26) Benzo(g,h,i)perylene	26.82	276	16659	0.360	ng/ul 96

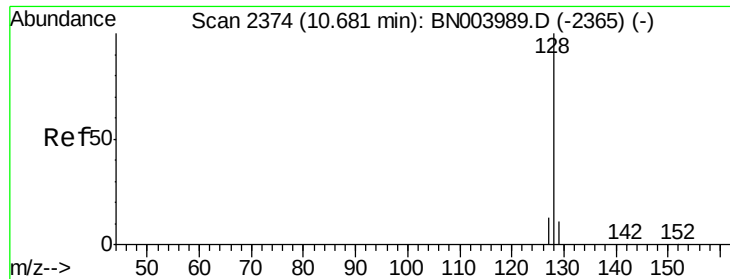
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_N
Client Sample Id :
SSTD0.422

Quant Time: Dec 17 04:11:24 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 : Mon Dec 17 04:06:53 2018
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#3

Naphthalene

Concen: 0.381 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BN004005.D

Acq: 16 Dec 2018 21:06

Instrument :

BNA_N

ClientSampleId :

SSTD0.422

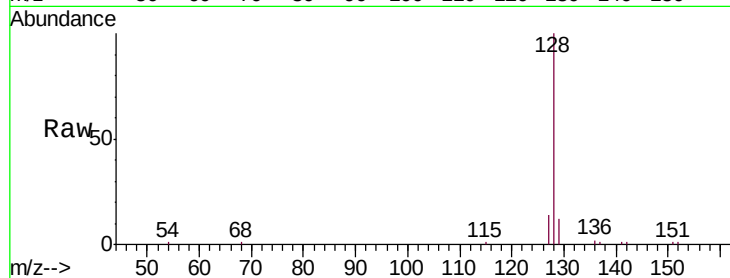
Tgt Ion:128 Resp: 9488

Ion Ratio Lower Upper

128 100

129 12.3 9.0 13.6

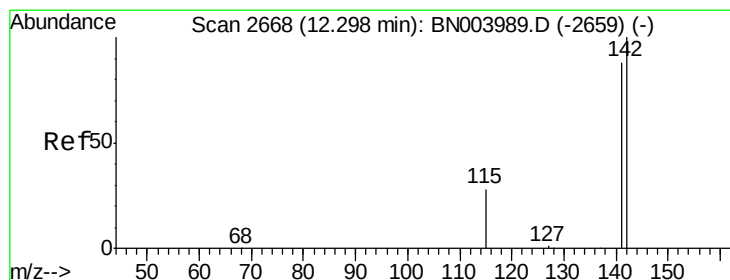
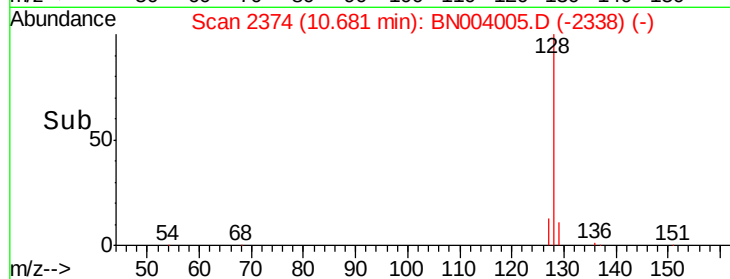
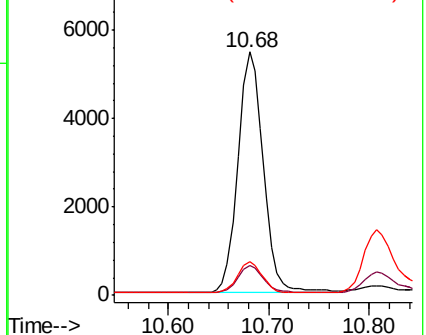
127 14.1 10.5 15.7



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: 0.399 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.01 min

Lab File: BN004005.D

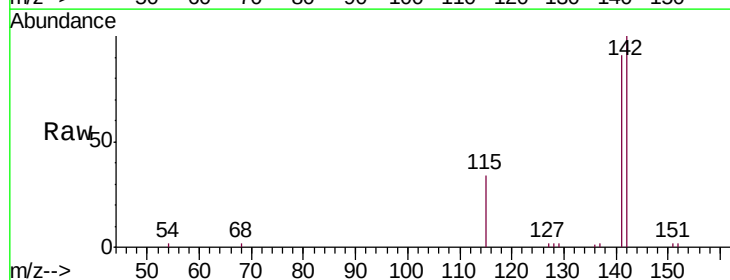
Acq: 16 Dec 2018 21:06

Tgt Ion:142 Resp: 6942

Ion Ratio Lower Upper

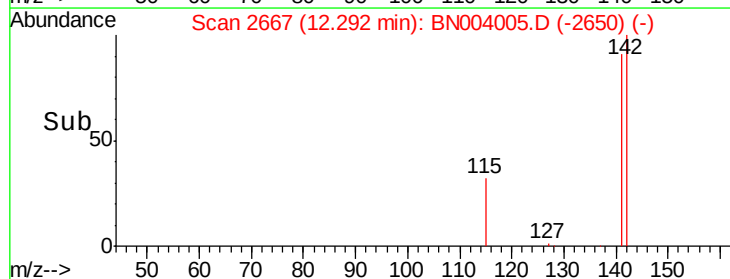
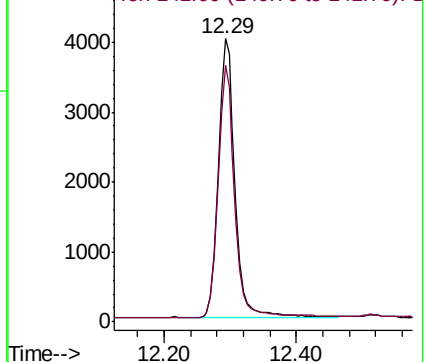
142 100

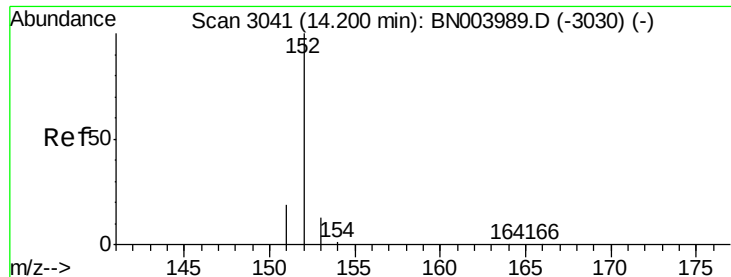
141 90.0 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.442 ng/ul

RT: 14.20 min Scan# 3040

Delta R.T. -0.00 min

Lab File: BN004005.D

Acq: 16 Dec 2018 21:06

Instrument :

BNA_N

ClientSampleId :

SSTD0.422

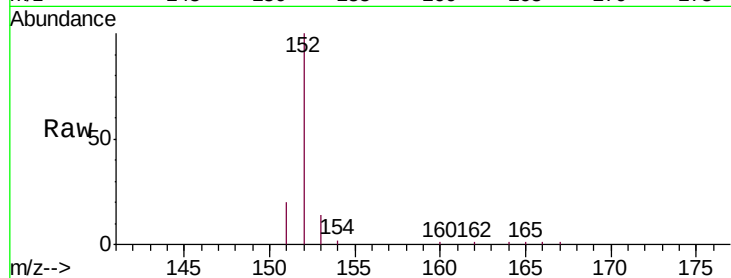
Tgt Ion:152 Resp: 10506

Ion Ratio Lower Upper

152 100

151 20.4 15.9 23.9

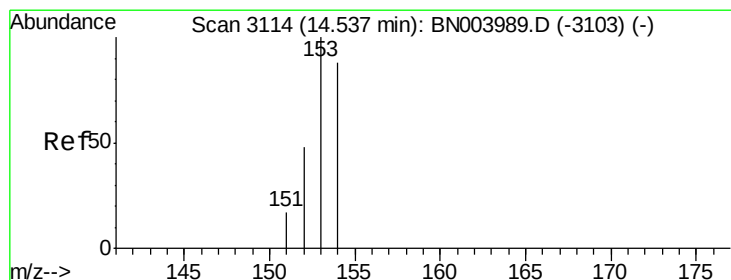
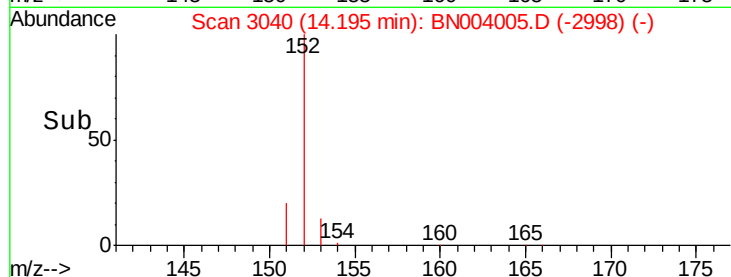
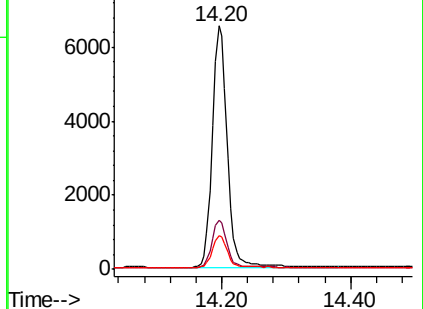
153 13.7 10.7 16.1



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: 0.382 ng/ul

RT: 14.54 min Scan# 3114

Delta R.T. 0.00 min

Lab File: BN004005.D

Acq: 16 Dec 2018 21:06

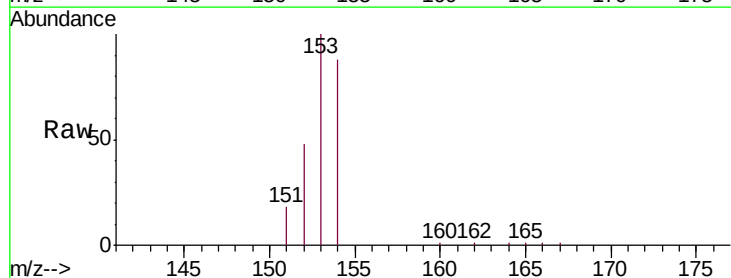
Tgt Ion:153 Resp: 7946

Ion Ratio Lower Upper

153 100

152 48.0 39.3 58.9

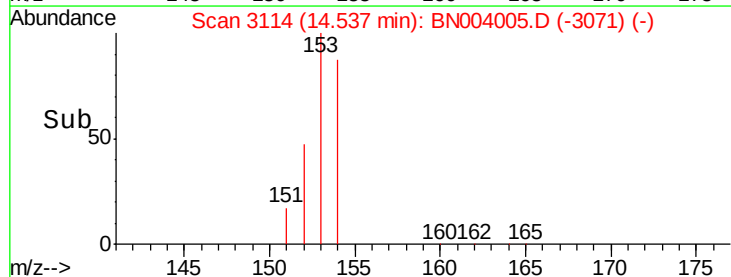
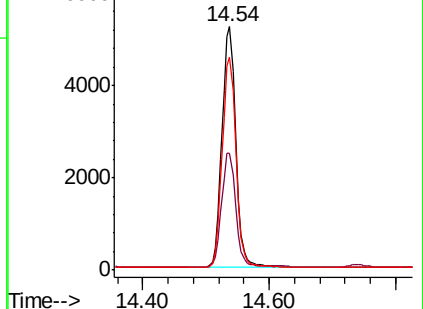
154 87.5 70.3 105.5

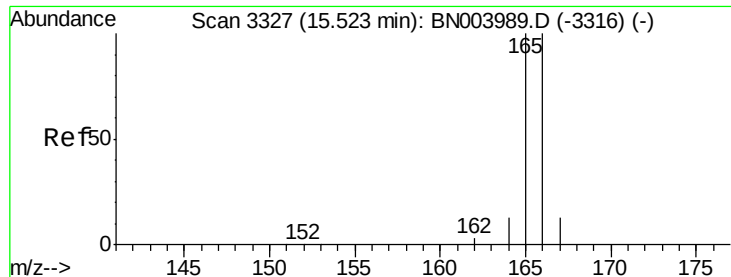


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.377 ng/ul

RT: 15.52 min Scan# 3327

Delta R.T. 0.00 min

Lab File: BN004005.D

Acq: 16 Dec 2018 21:06

Instrument :

BNA_N

ClientSampleId :

SSTD0.422

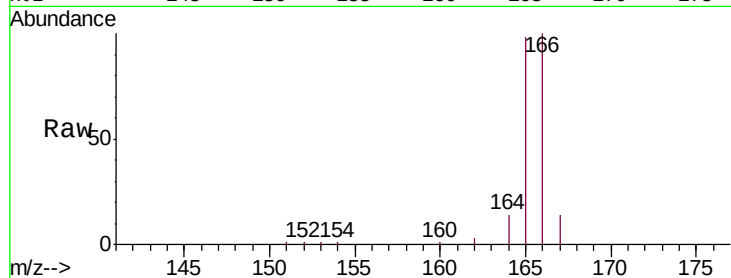
Tgt Ion:166 Resp: 9142

Ion Ratio Lower Upper

166 100

165 98.1 78.3 117.5

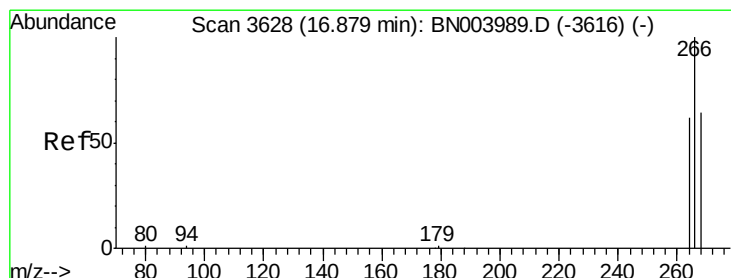
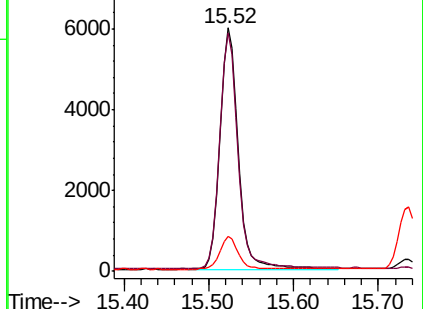
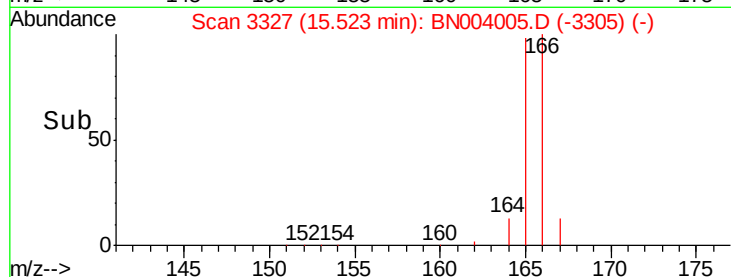
167 14.2 11.3 16.9



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: 0.388 ng/ul

RT: 16.88 min Scan# 3627

Delta R.T. -0.00 min

Lab File: BN004005.D

Acq: 16 Dec 2018 21:06

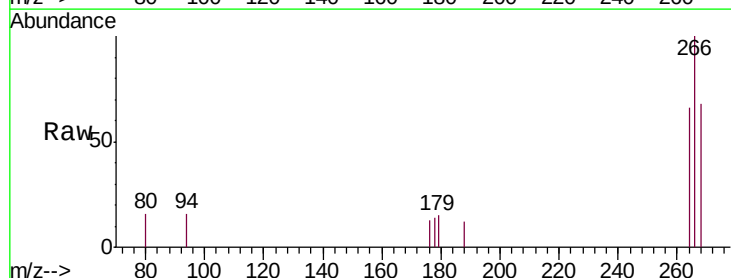
Tgt Ion:266 Resp: 921

Ion Ratio Lower Upper

266 100

264 58.8 49.4 74.2

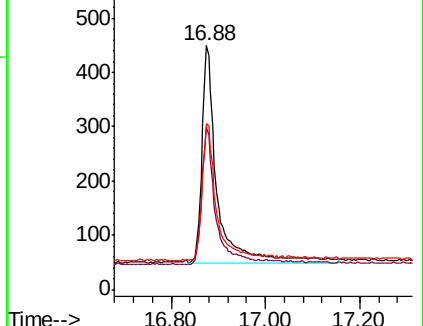
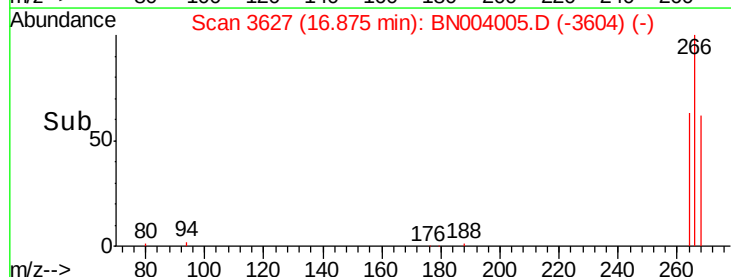
268 61.2 51.7 77.5

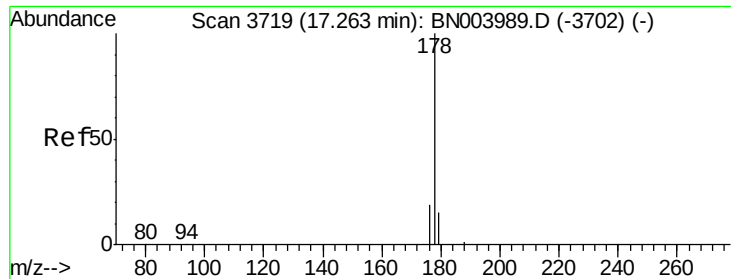


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.371 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BN004005.D

Acq: 16 Dec 2018 21:06

Instrument :

BNA_N

ClientSampleId :

SSTD0.422

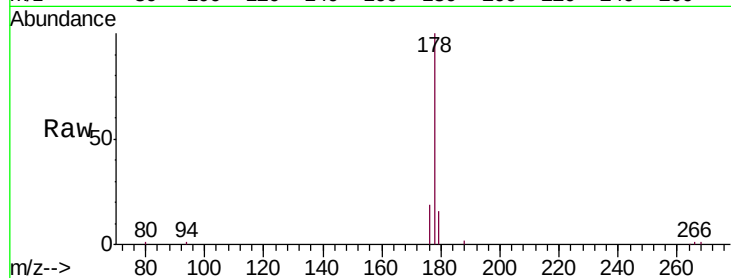
Tgt Ion:178 Resp: 16032

Ion Ratio Lower Upper

178 100

179 15.7 12.5 18.7

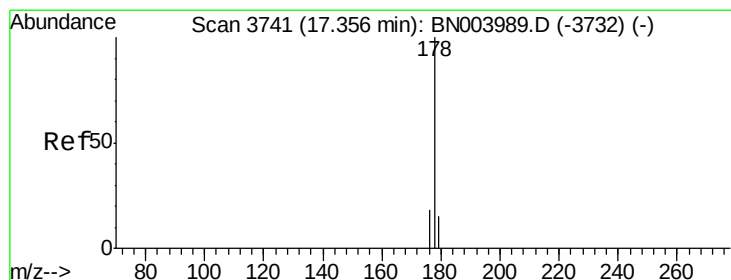
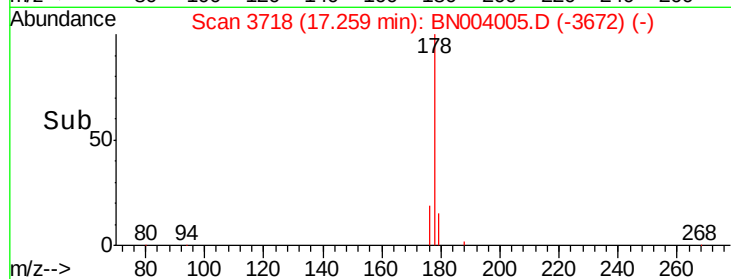
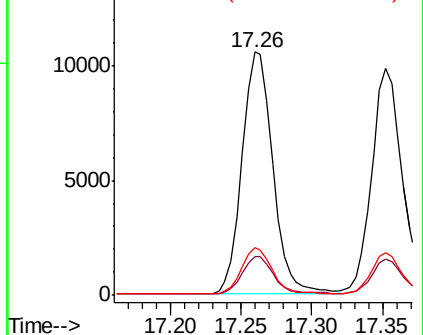
176 19.4 15.0 22.4



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: 0.429 ng/ul

RT: 17.35 min Scan# 3740

Delta R.T. -0.00 min

Lab File: BN004005.D

Acq: 16 Dec 2018 21:06

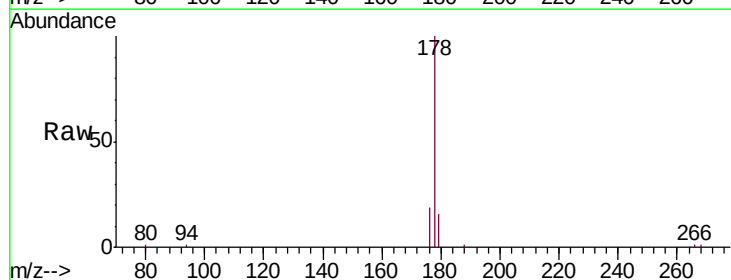
Tgt Ion:178 Resp: 15252

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

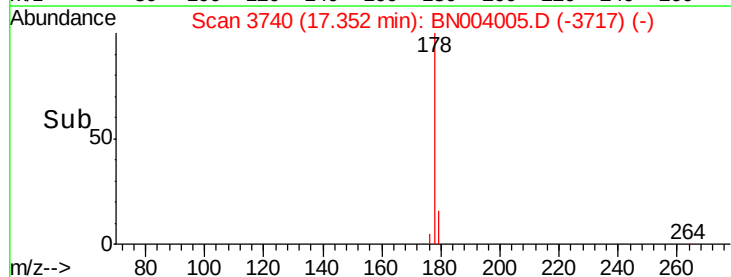
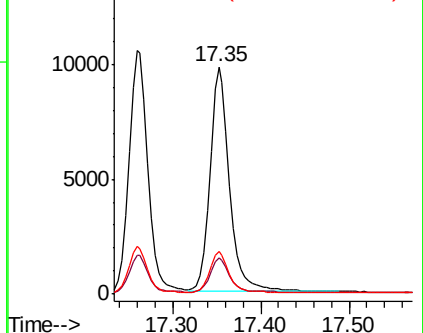
176 18.6 14.8 22.2

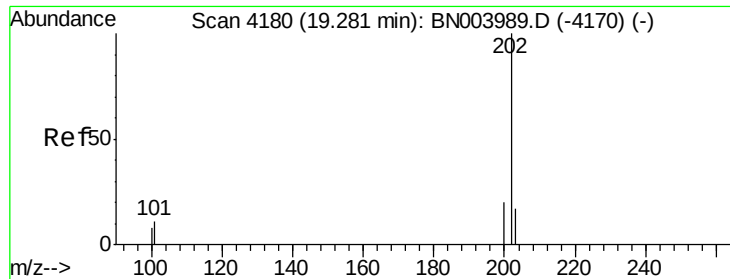


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

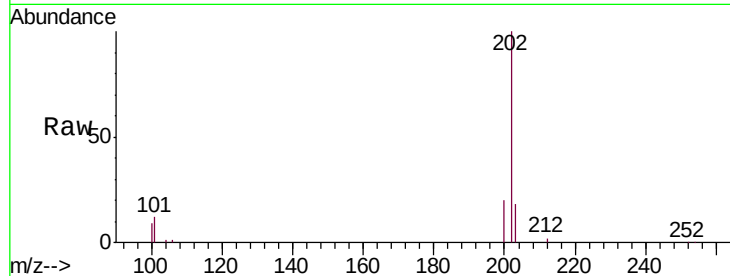




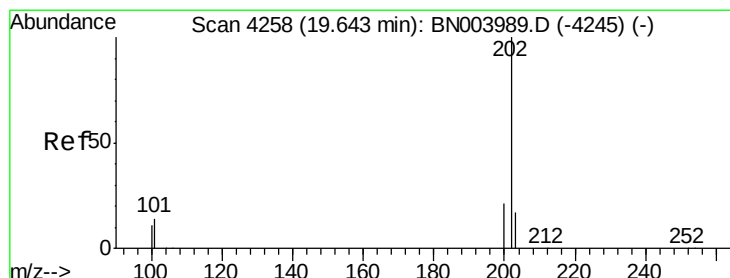
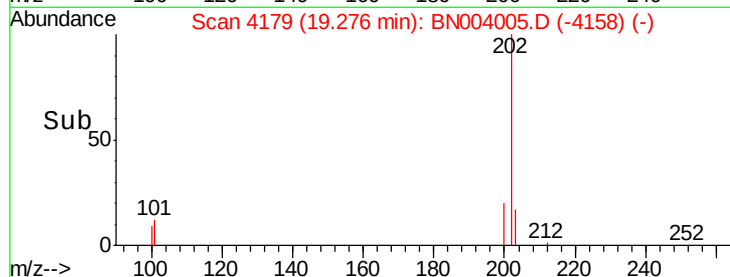
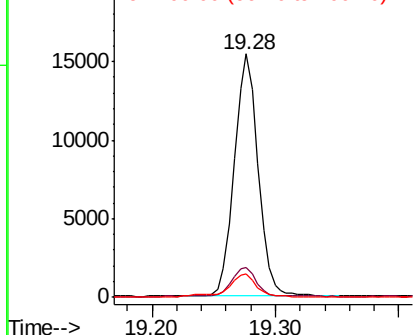
#15
Fluoranthene
Concen: 0.403 ng/ul
RT: 19.28 min Scan# 4179
Delta R.T. -0.00 min
Lab File: BN004005.D
Acq: 16 Dec 2018 21:06

Instrument :
BNA_N
ClientSampleId :
SSTD0.422

Tgt Ion:202 Resp: 20606
Ion Ratio Lower Upper
202 100
101 12.5 0.0 30.7
100 9.4 0.0 28.1

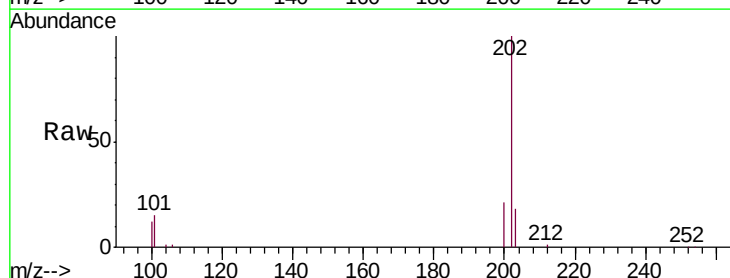


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

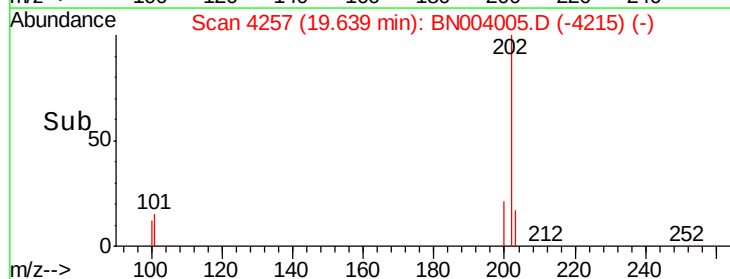
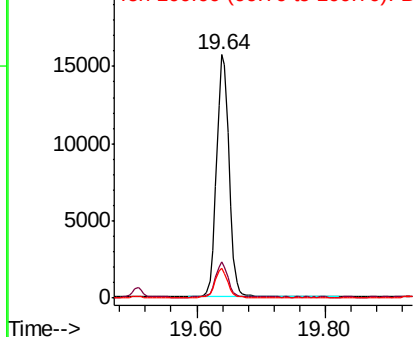


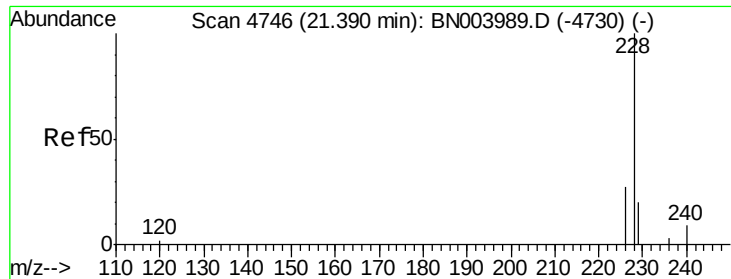
#17
Pyrene
Concen: 0.399 ng/ul
RT: 19.64 min Scan# 4257
Delta R.T. -0.00 min
Lab File: BN004005.D
Acq: 16 Dec 2018 21:06

Tgt Ion:202 Resp: 21275
Ion Ratio Lower Upper
202 100
101 15.0 10.3 15.5
100 12.1 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: 0.426 ng/ul

RT: 21.39 min Scan# 4745

Delta R.T. -0.00 min

Lab File: BN004005.D

Acq: 16 Dec 2018 21:06

Instrument :

BNA_N

ClientSampleId :

SSTD0.422

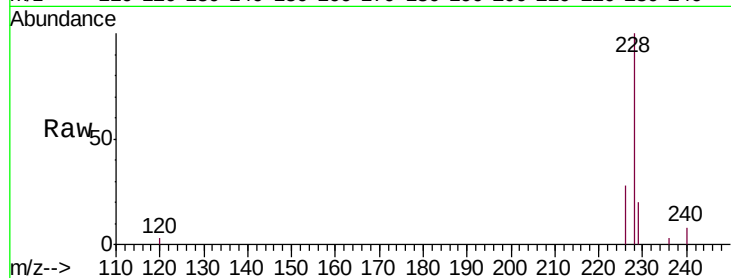
Tgt Ion:228 Resp: 19997

Ion Ratio Lower Upper

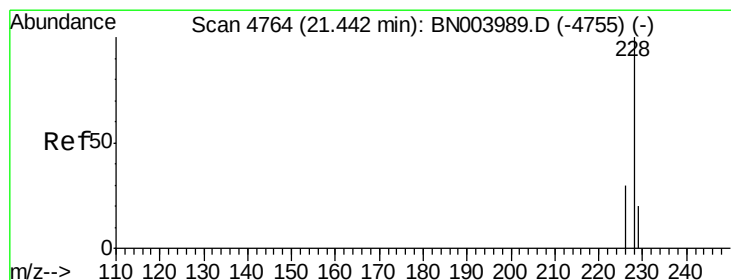
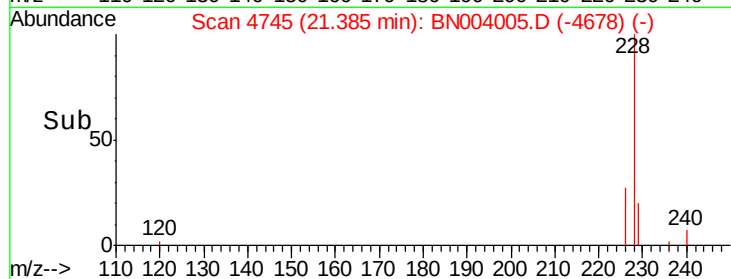
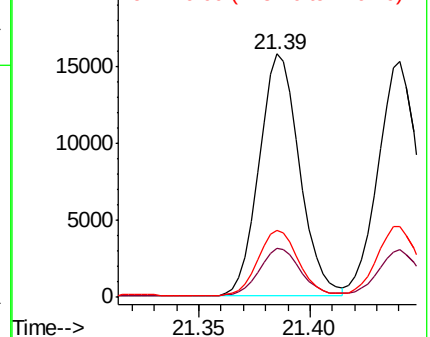
228 100

229 20.2 15.6 23.4

226 27.7 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: 0.362 ng/ul

RT: 21.44 min Scan# 4764

Delta R.T. -0.00 min

Lab File: BN004005.D

Acq: 16 Dec 2018 21:06

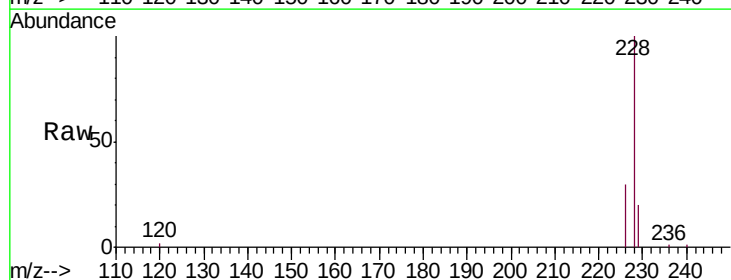
Tgt Ion:228 Resp: 19438

Ion Ratio Lower Upper

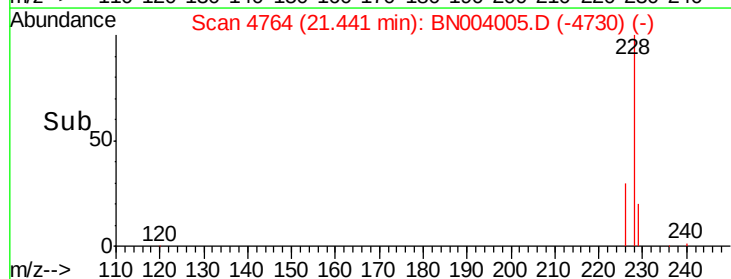
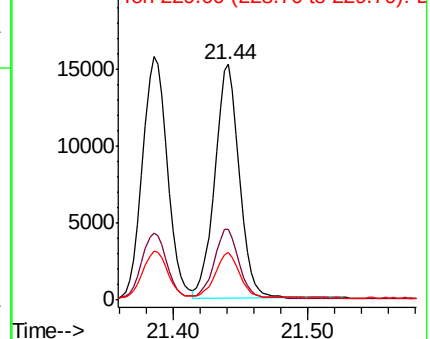
228 100

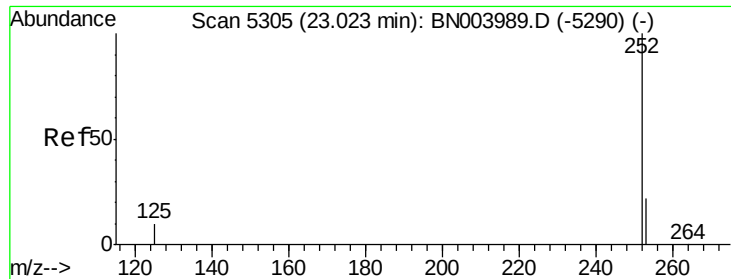
226 30.2 24.0 36.0

229 20.2 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: 0.344 ng/ul

RT: 23.02 min Scan# 5305

Delta R.T. -0.00 min

Lab File: BN004005.D

Acq: 16 Dec 2018 21:06

Instrument :

BNA_N

ClientSampleId :

SSTD0.422

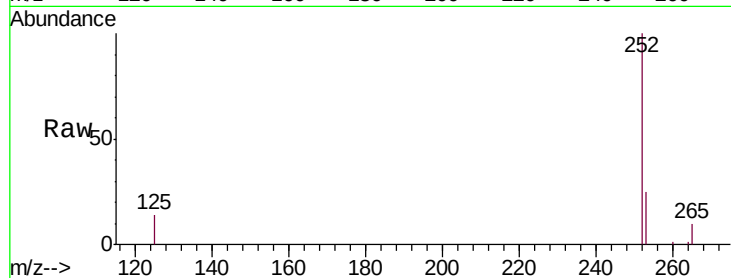
Tgt Ion:252 Resp: 18432

Ion Ratio Lower Upper

252 100

253 24.6 0.0 46.0

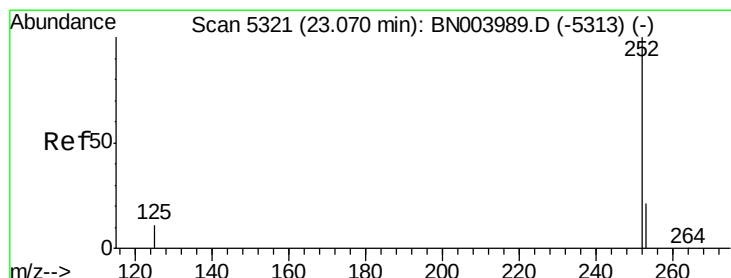
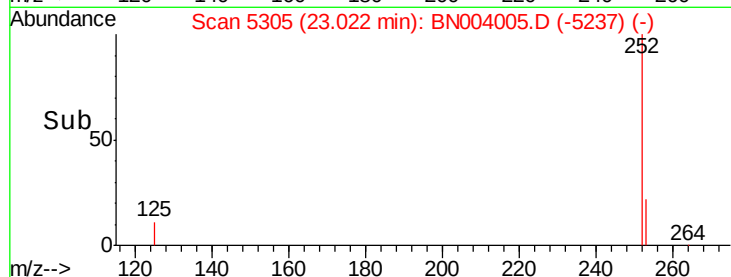
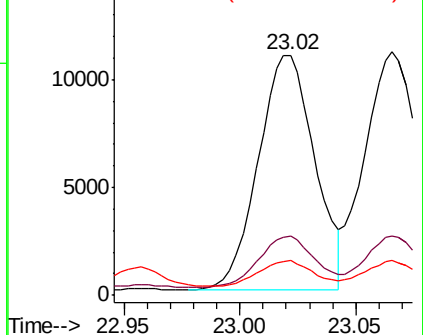
125 14.3 0.0 22.4



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: 0.361 ng/ul

RT: 23.07 min Scan# 5320

Delta R.T. -0.00 min

Lab File: BN004005.D

Acq: 16 Dec 2018 21:06

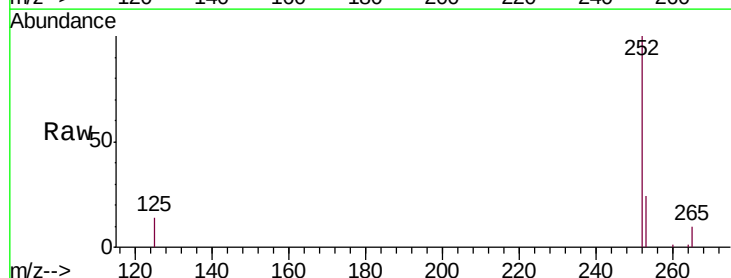
Tgt Ion:252 Resp: 18820

Ion Ratio Lower Upper

252 100

253 24.5 18.5 27.7

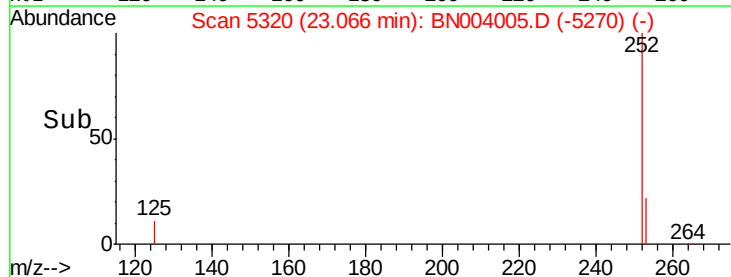
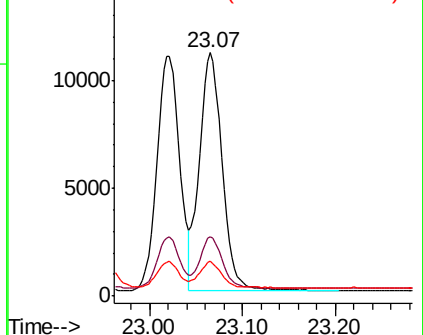
125 14.3 9.0 13.6#

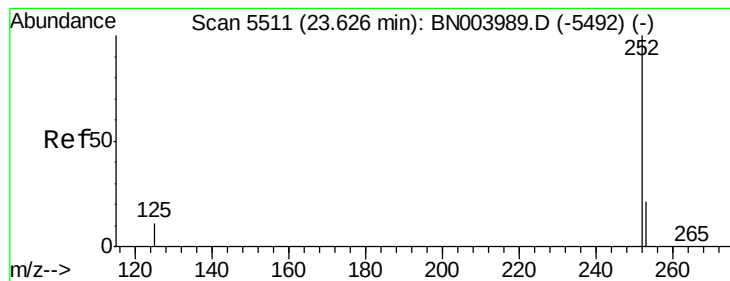


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.372 ng/ul

RT: 23.62 min Scan# 5511

Delta R.T. -0.00 min

Lab File: BN004005.D

Acq: 16 Dec 2018 21:06

Instrument :

BNA_N

ClientSampleId :

SSTD0.422

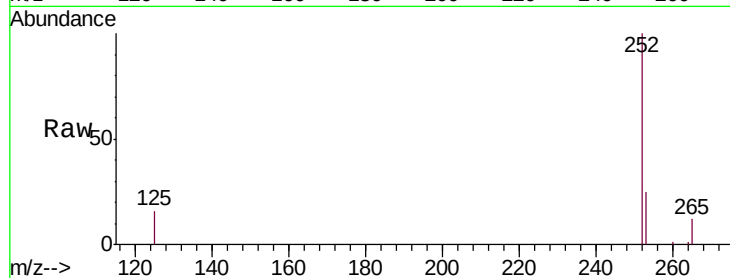
Tgt Ion:252 Resp: 17231

Ion Ratio Lower Upper

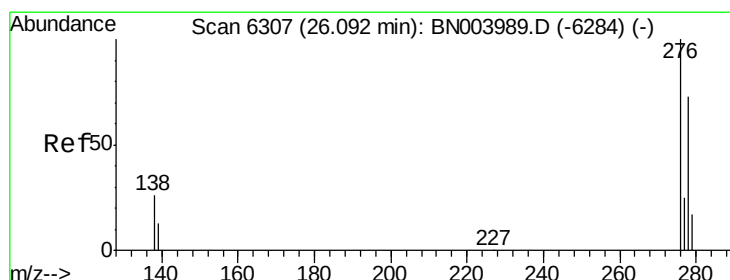
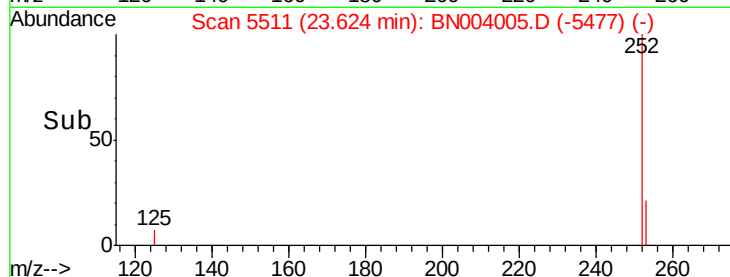
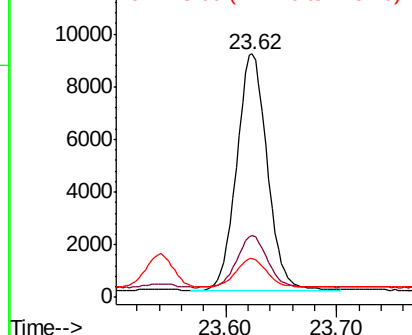
252 100

253 25.2 19.0 28.4

125 15.9 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: 0.374 ng/ul

RT: 26.08 min Scan# 6305

Delta R.T. -0.01 min

Lab File: BN004005.D

Acq: 16 Dec 2018 21:06

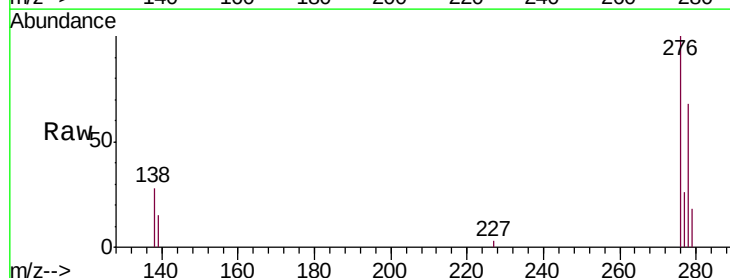
Tgt Ion:276 Resp: 19889

Ion Ratio Lower Upper

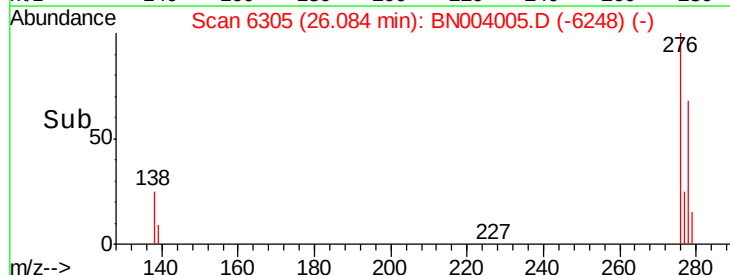
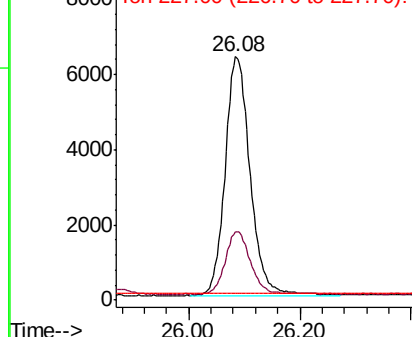
276 100

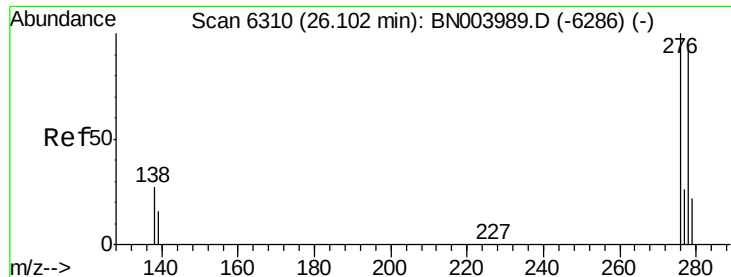
138 0.0 20.3 30.5#

227 0.0 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

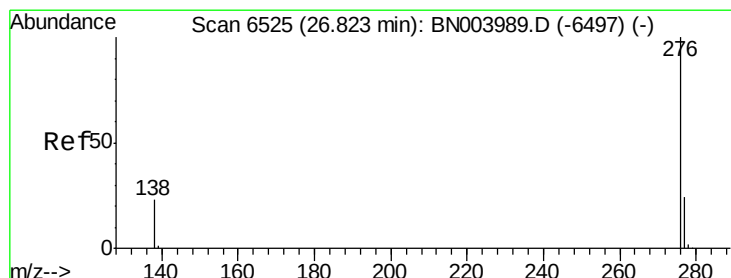
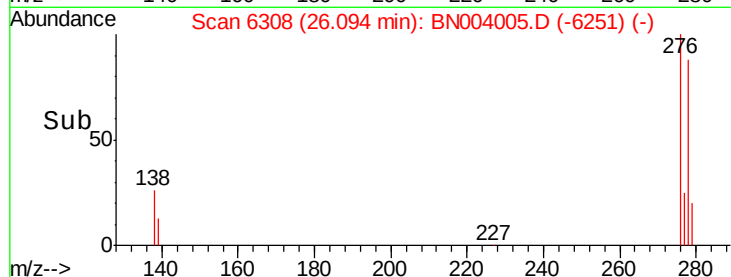
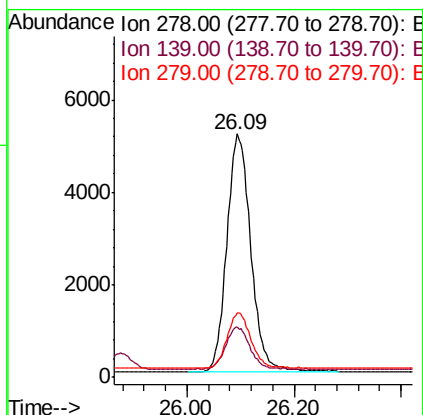
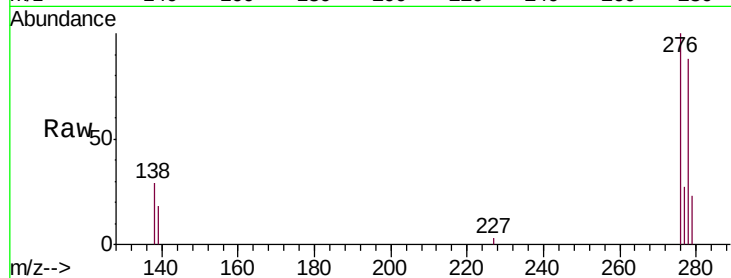




#25
Dibenzo(a,h)anthracene
Concen: 0.377 ng/ul
RT: 26.09 min Scan# 6308
Delta R.T. -0.01 min
Lab File: BN004005.D
Acq: 16 Dec 2018 21:06

Instrument :
BNA_N
ClientSampleId :
SSTD0.422

Tgt Ion: 278 Resp: 16141
Ion Ratio Lower Upper
278 100
139 20.7 14.2 21.4
279 26.5 19.8 29.6



#26
Benzo(g,h,i)perylene
Concen: 0.360 ng/ul
RT: 26.82 min Scan# 6524
Delta R.T. -0.00 min
Lab File: BN004005.D
Acq: 16 Dec 2018 21:06

Tgt Ion: 276 Resp: 16659
Ion Ratio Lower Upper
276 100
138 24.8 17.7 26.5
277 25.4 19.3 28.9

