

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092118\
 Data File : BN002785.D
 Acq On : 20 Sep 2018 09:37
 Operator : JU/SJ
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.468

Quant Time: Sep 21 01:15:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 19 17:39:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	1291	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	5625	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	3219	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	7474	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	6450	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	5588	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	3526	0.43	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	8394	0.44	ng/ul	0.00

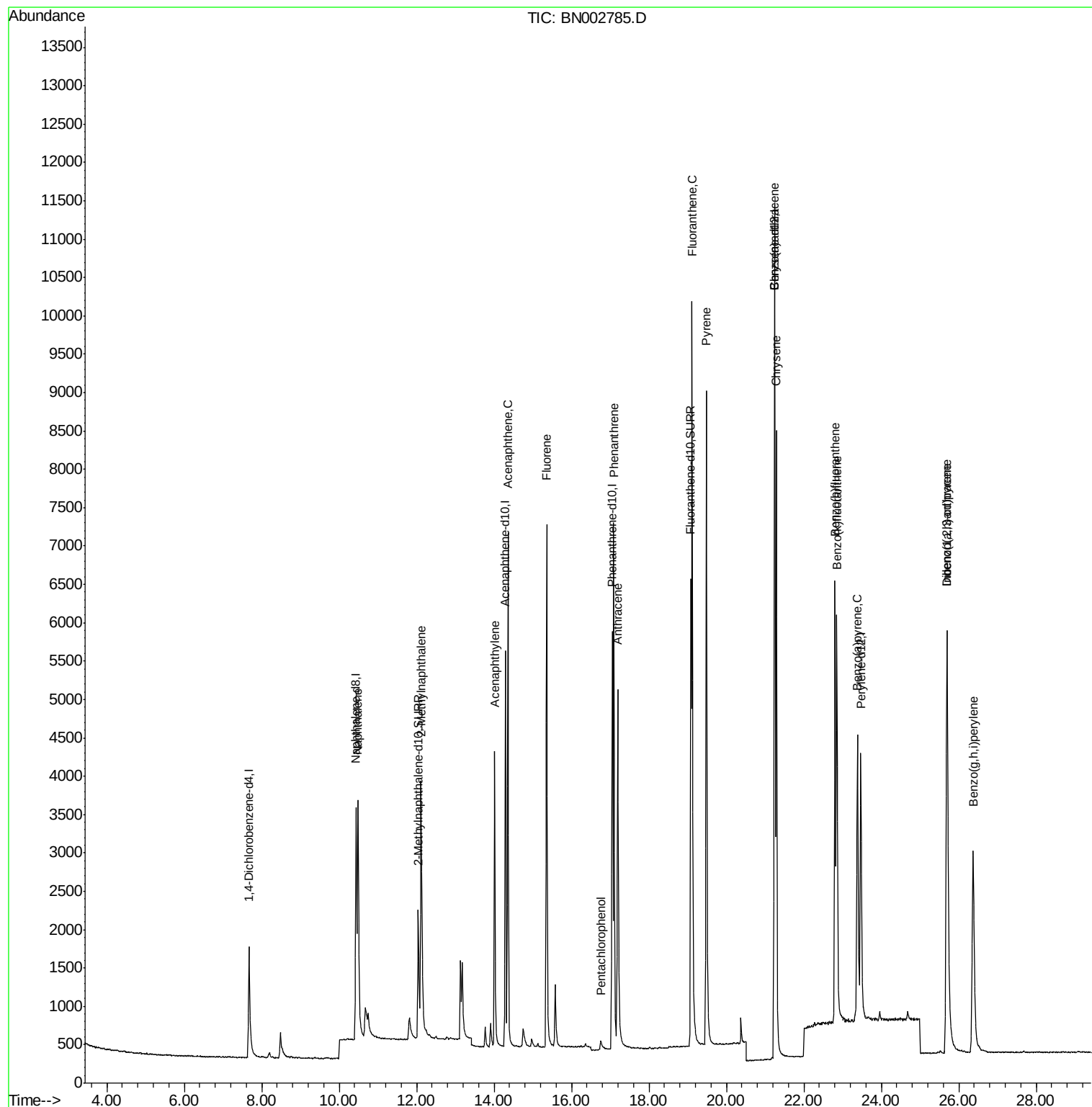
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.48	128	5879	0.416	ng/ul#	96
5) 2-Methylnaphthalene	12.12	142	4025	0.439	ng/ul	100
7) Acenaphthylene	14.01	152	5461	0.402	ng/ul	98
8) Acenaphthene	14.36	153	4548	0.410	ng/ul	97
9) Fluorene	15.36	166	5195	0.439	ng/ul#	94
11) Pentachlorophenol	16.75	266	202	0.240	ng/ul	92
12) Phenanthrene	17.09	178	8545	0.414	ng/ul#	90
13) Anthracene	17.19	178	7444	0.416	ng/ul#	93
15) Fluoranthene	19.11	202	9730	0.438	ng/ul	96
17) Pyrene	19.48	202	9773	0.465	ng/ul#	97
18) Benzo(a)anthracene	21.24	228	7553	0.424	ng/ul#	85
19) Chrysene	21.29	228	8814	0.424	ng/ul	97
21) Benzo(b)fluoranthene	22.81	252	7676	0.416	ng/ul	88
22) Benzo(k)fluoranthene	22.85	252	8251	0.425	ng/ul#	90
23) Benzo(a)pyrene	23.38	252	7221	0.408	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.70	276	7973	0.374	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.70	278	6320	0.370	ng/ul	95
26) Benzo(g,h,i)perylene	26.37	276	6994	0.380	ng/ul	97

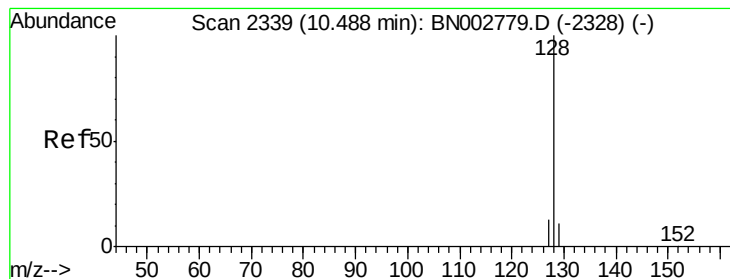
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BN002785.D
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#3

Naphthalene

Concen: 0.416 ng/ul

RT: 10.48 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BN002785.D

Acq: 20 Sep 2018 09:37

Instrument :

BNA_N

ClientSampleId :

SSTD0.468

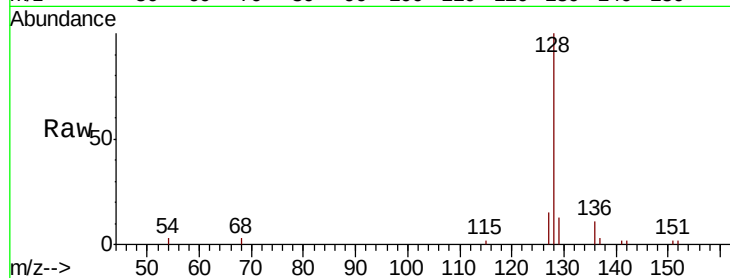
Tgt Ion:128 Resp: 5879

Ion Ratio Lower Upper

128 100

129 12.9 8.0 12.0#

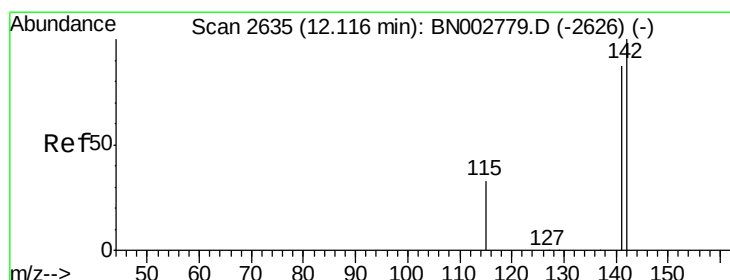
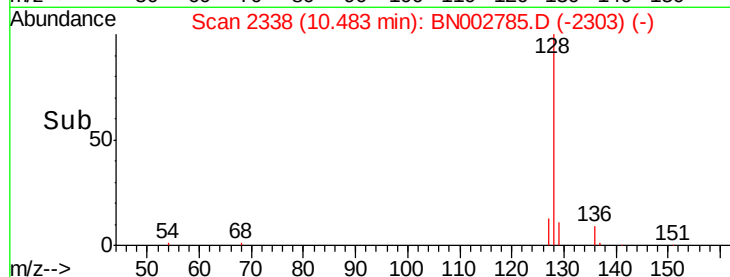
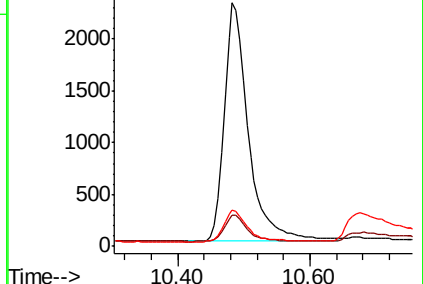
127 14.7 12.0 18.0



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: 0.439 ng/ul

RT: 12.12 min Scan# 2635

Delta R.T. 0.00 min

Lab File: BN002785.D

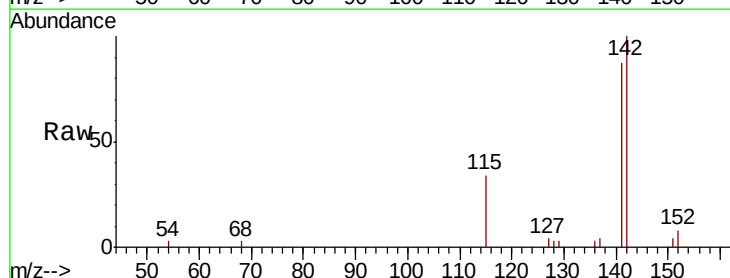
Acq: 20 Sep 2018 09:37

Tgt Ion:142 Resp: 4025

Ion Ratio Lower Upper

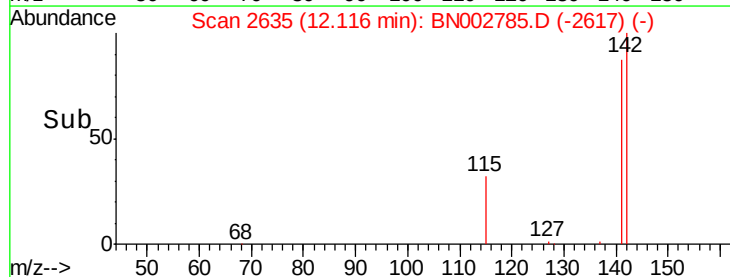
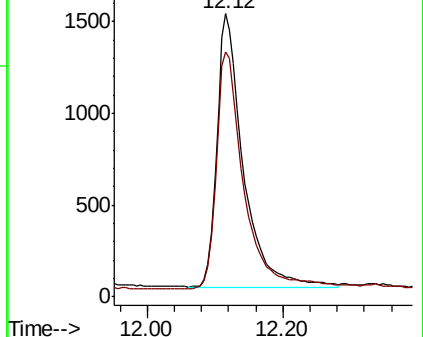
142 100

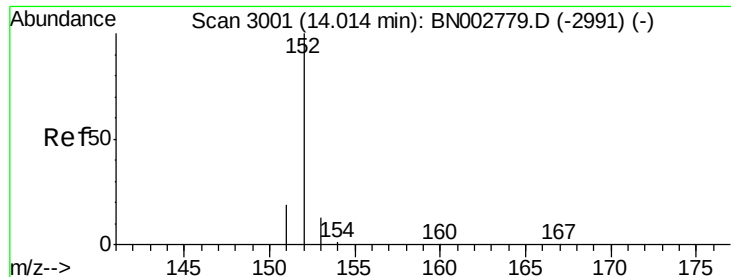
141 90.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.402 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. 0.00 min

Lab File: BN002785.D

Acq: 20 Sep 2018 09:37

Instrument :

BNA_N

ClientSampleId :

SSTD0.468

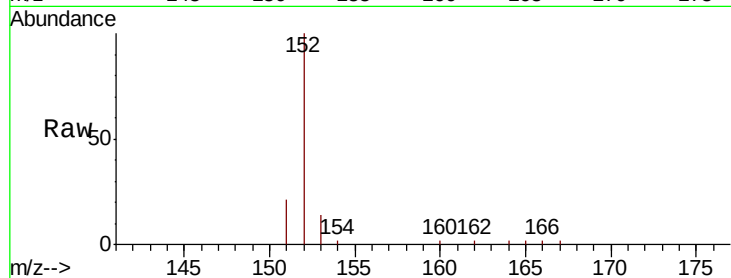
Tgt Ion:152 Resp: 5461

Ion Ratio Lower Upper

152 100

151 21.2 17.1 25.7

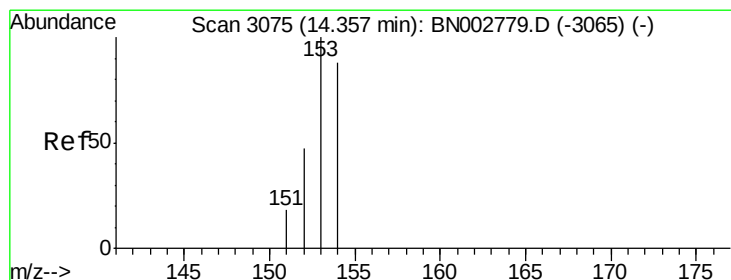
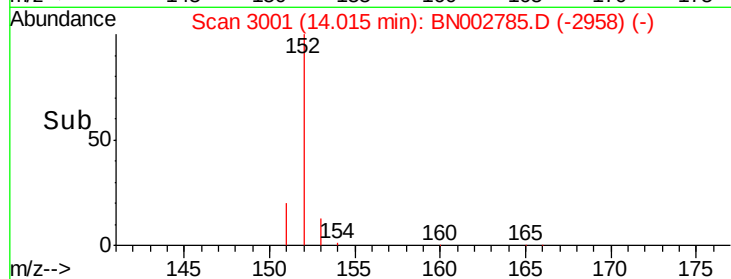
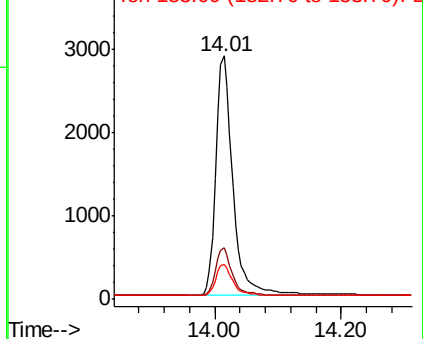
153 14.2 12.8 19.2



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: 0.410 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. 0.00 min

Lab File: BN002785.D

Acq: 20 Sep 2018 09:37

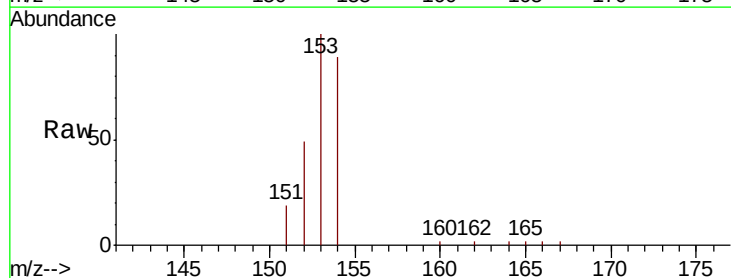
Tgt Ion:153 Resp: 4548

Ion Ratio Lower Upper

153 100

152 48.6 36.0 54.0

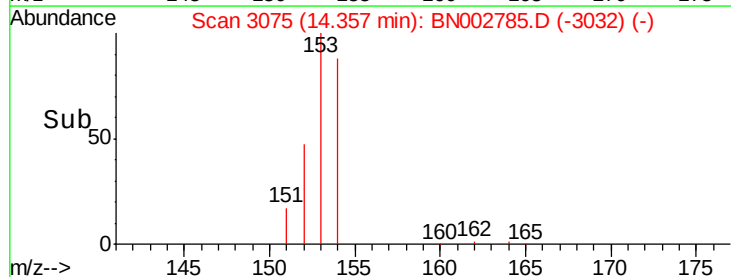
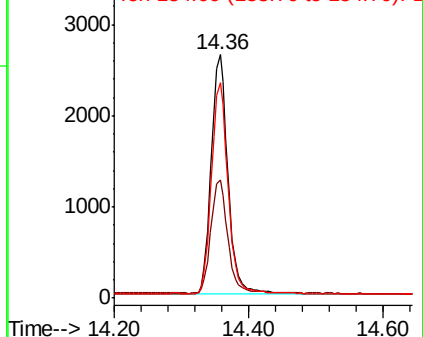
154 88.5 72.0 108.0

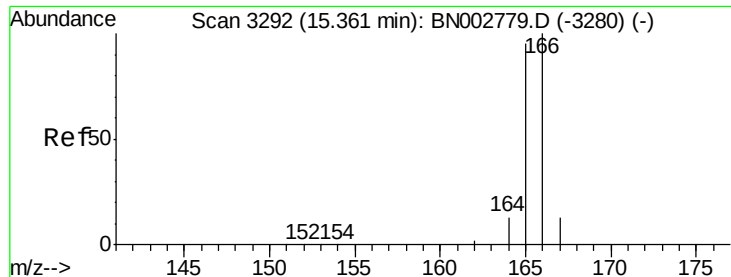


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

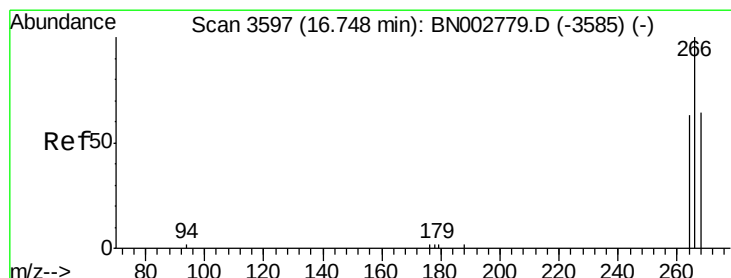
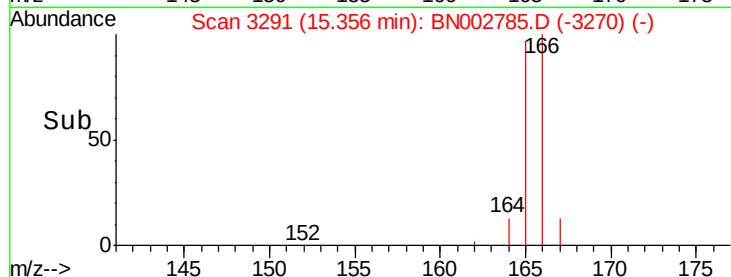
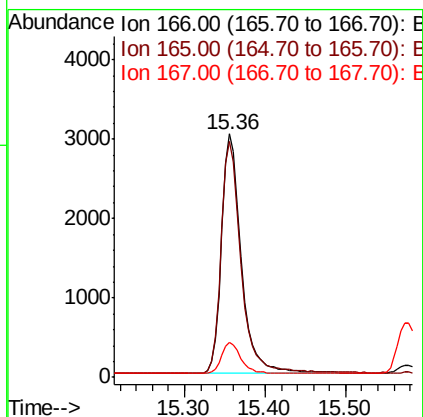
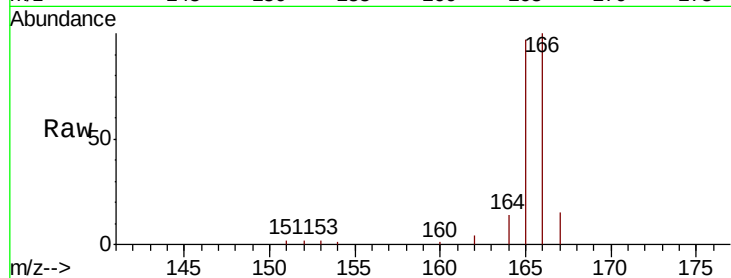




#9
Fluorene
 Concen: 0.439 ng/ul
 RT: 15.36 min Scan# 3291
 Delta R.T. -0.00 min
 Lab File: BN002785.D
 Acq: 20 Sep 2018 09:37

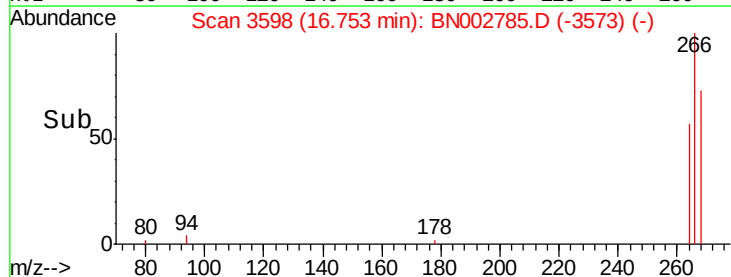
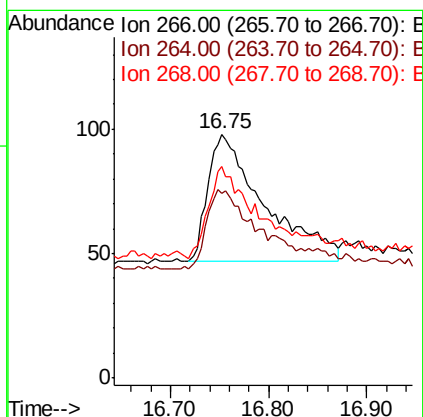
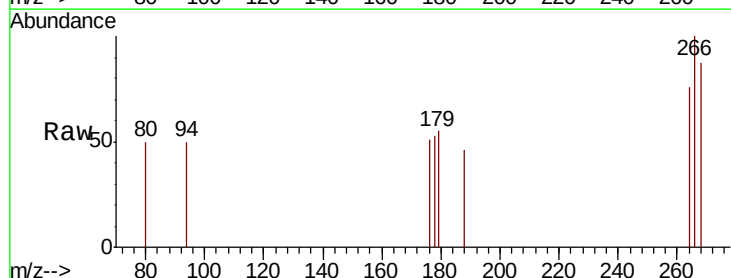
Instrument :
 BNA_N
 ClientSampleId :
 SST0.468

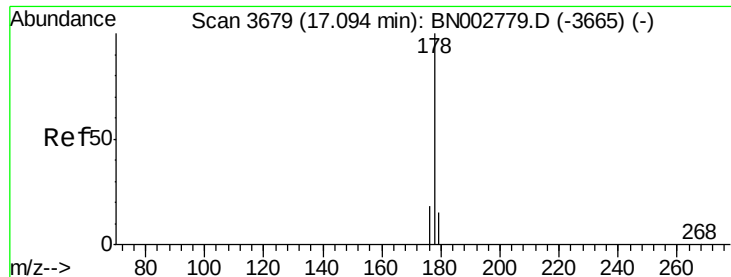
Tgt Ion:166 Resp: 5195
 Ion Ratio Lower Upper
 166 100
 165 96.8 73.4 110.2
 167 14.5 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.240 ng/ul
 RT: 16.75 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: BN002785.D
 Acq: 20 Sep 2018 09:37

Tgt Ion:266 Resp: 202
 Ion Ratio Lower Upper
 266 100
 264 64.9 47.9 71.9
 268 70.3 49.8 74.8





#12

Phenanthrene

Concen: 0.414 ng/ul

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN002785.D

Acq: 20 Sep 2018 09:37

Instrument :

BNA_N

ClientSampleId :

SSTD0.468

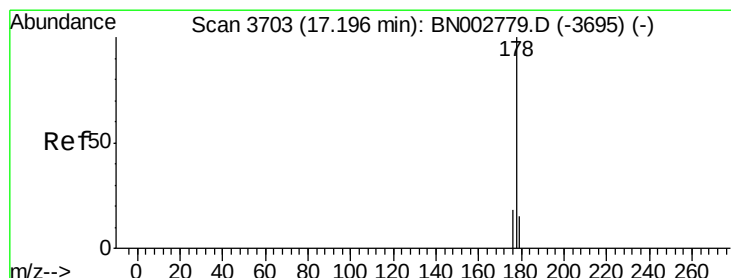
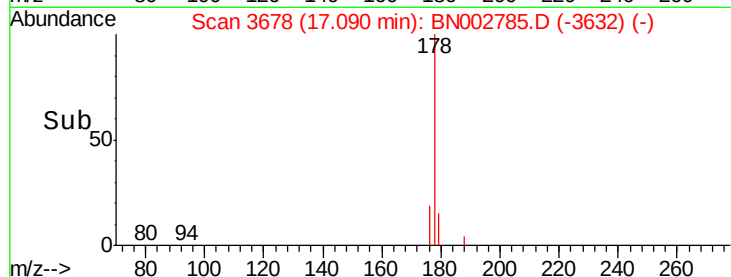
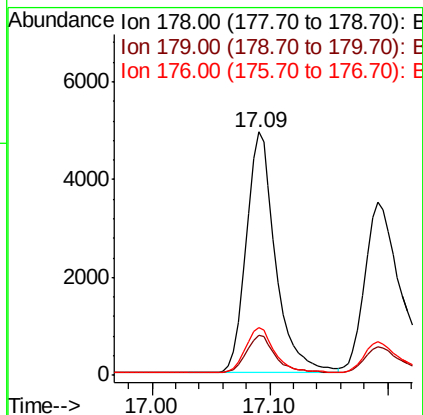
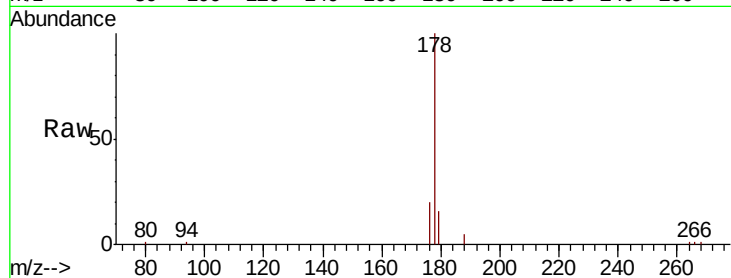
Tgt Ion:178 Resp: 8545

Ion Ratio Lower Upper

178 100

179 16.4 18.4 27.6#

176 19.5 13.6 20.4



#13

Anthracene

Concen: 0.416 ng/ul

RT: 17.19 min Scan# 3702

Delta R.T. -0.00 min

Lab File: BN002785.D

Acq: 20 Sep 2018 09:37

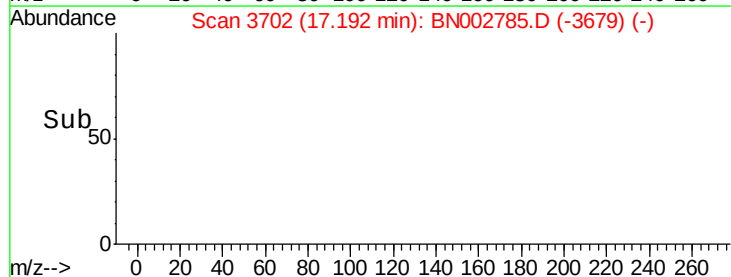
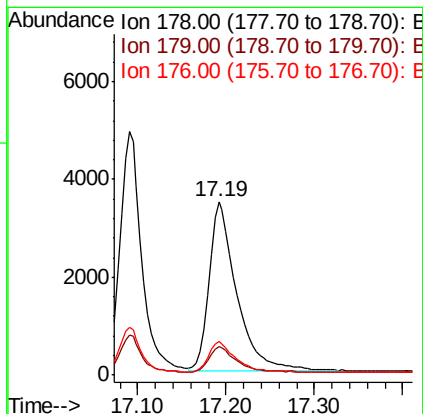
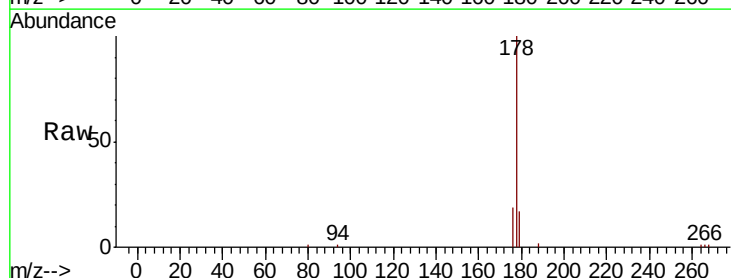
Tgt Ion:178 Resp: 7444

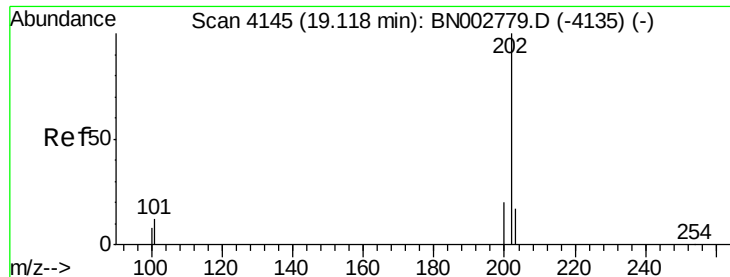
Ion Ratio Lower Upper

178 100

179 16.8 18.1 27.1#

176 19.2 14.7 22.1





#15

Fluoranthene

Concen: 0.438 ng/ul

RT: 19.11 min Scan# 4144

Delta R.T. -0.00 min

Lab File: BN002785.D

Acq: 20 Sep 2018 09:37

Instrument :

BNA_N

ClientSampleId :

SSTD0.468

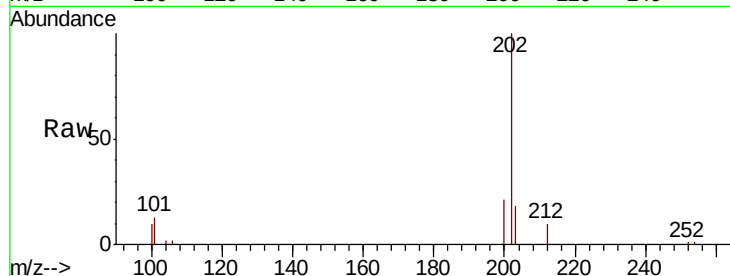
Tgt Ion:202 Resp: 9730

Ion Ratio Lower Upper

202 100

101 12.7 0.0 30.0

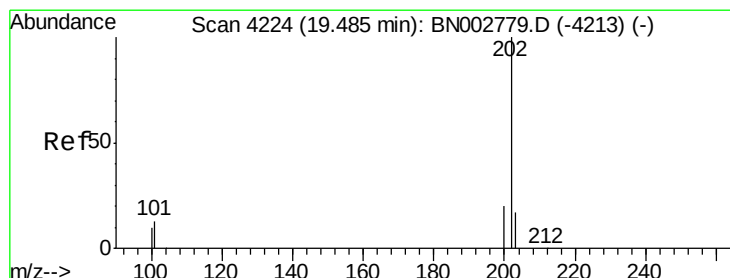
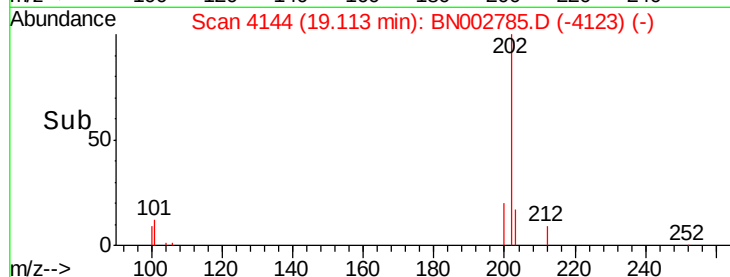
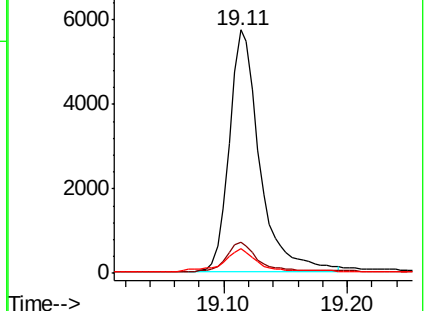
100 9.9 0.0 30.0



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: 0.465 ng/ul

RT: 19.48 min Scan# 4223

Delta R.T. -0.00 min

Lab File: BN002785.D

Acq: 20 Sep 2018 09:37

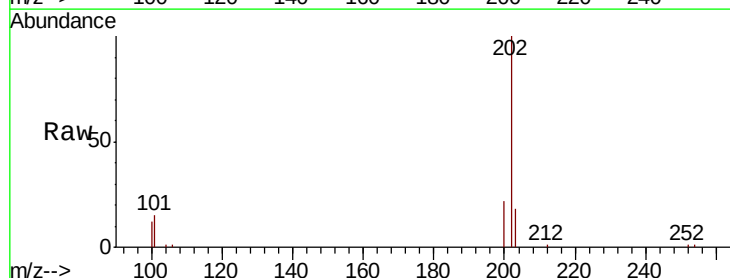
Tgt Ion:202 Resp: 9773

Ion Ratio Lower Upper

202 100

101 14.7 12.0 18.0

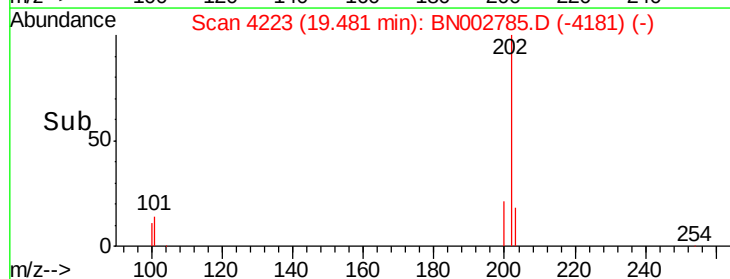
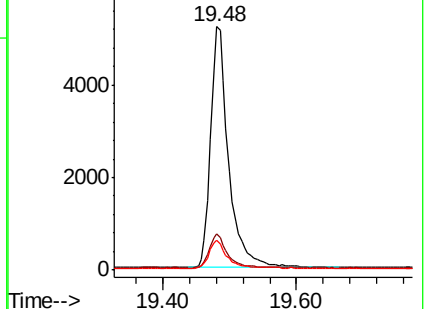
100 12.2 8.0 12.0#

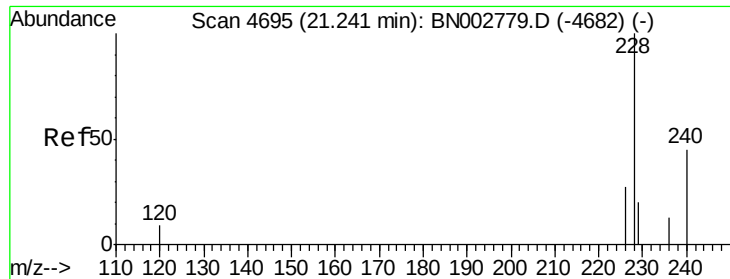


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.424 ng/ul

RT: 21.24 min Scan# 4694

Delta R.T. -0.00 min

Lab File: BN002785.D

Acq: 20 Sep 2018 09:37

Instrument :

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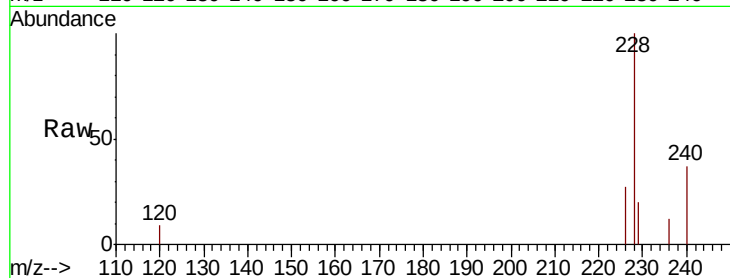
Tgt Ion:228 Resp: 7553

Ion Ratio Lower Upper

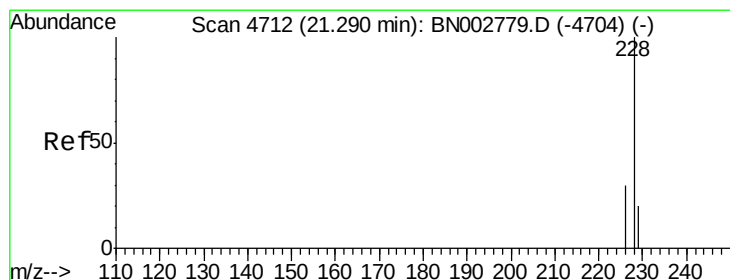
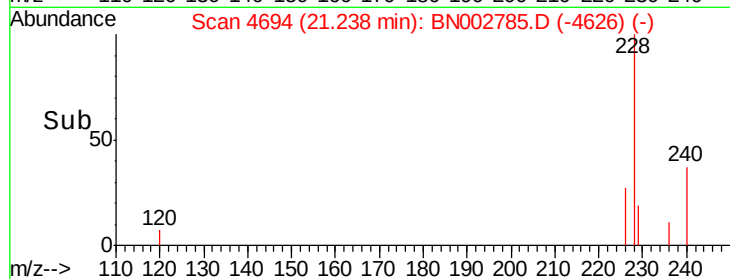
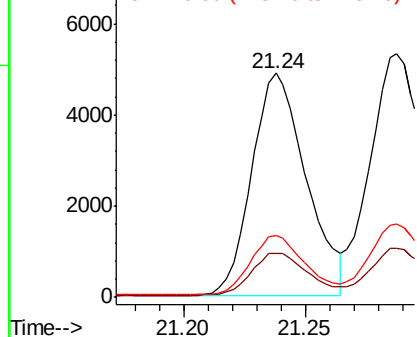
228 100

229 19.6 22.8 34.2#

226 27.4 17.0 25.6#



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: 0.424 ng/ul

RT: 21.29 min Scan# 4711

Delta R.T. -0.00 min

Lab File: BN002785.D

Acq: 20 Sep 2018 09:37

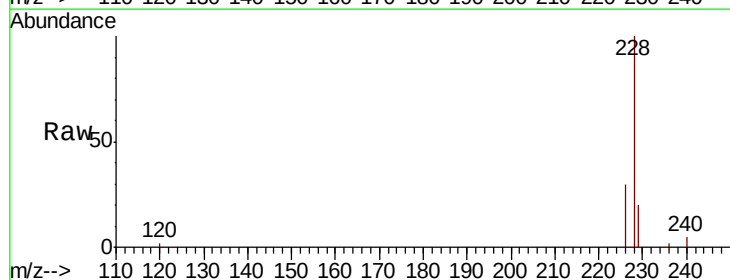
Tgt Ion:228 Resp: 8814

Ion Ratio Lower Upper

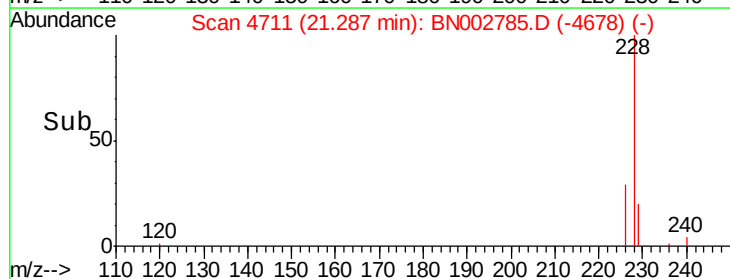
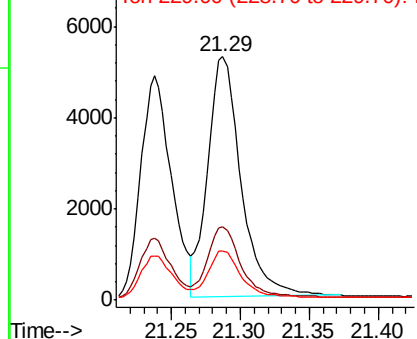
228 100

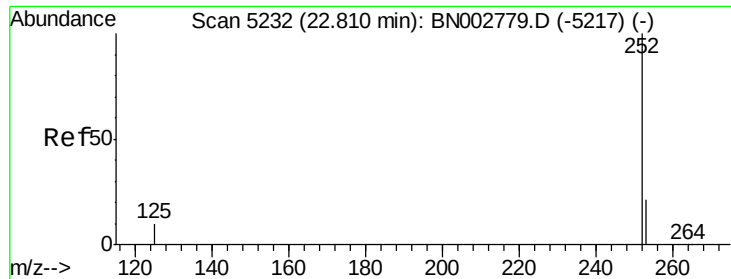
226 30.2 23.4 35.0

229 20.3 17.7 26.5



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: 0.416 ng/ul

RT: 22.81 min Scan# 5231

Delta R.T. -0.00 min

Lab File: BN002785.D

Acq: 20 Sep 2018 09:37

Instrument :

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SSTD0.468

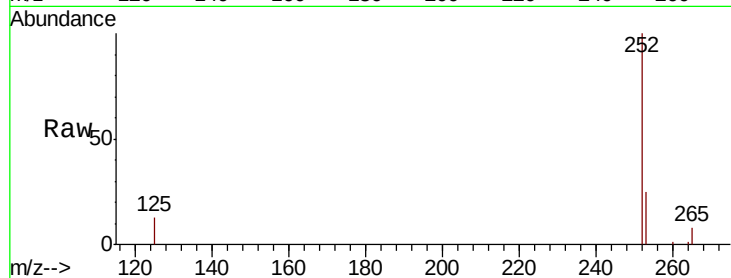
Tgt Ion:252 Resp: 7676

Ion Ratio Lower Upper

252 100

253 24.7 0.0 64.2

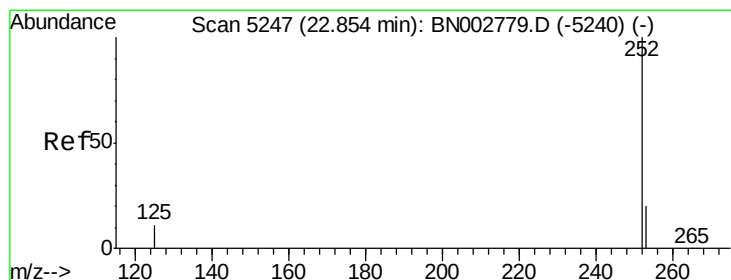
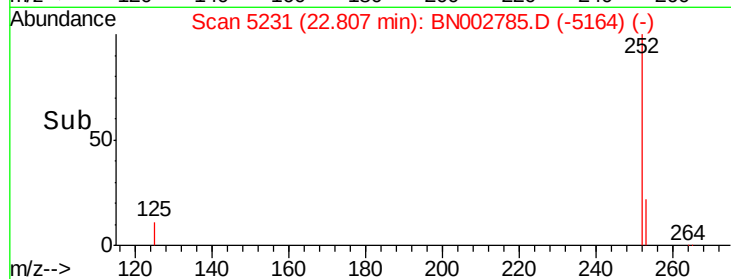
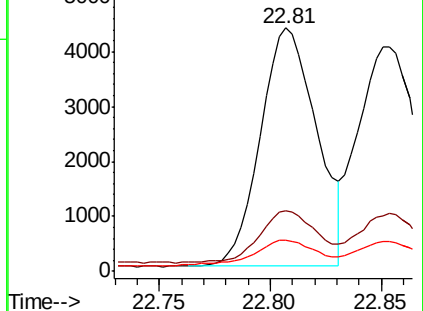
125 13.0 0.0 35.0



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



#22

Benzo(k)fluoranthene

Concen: 0.425 ng/ul

RT: 22.85 min Scan# 5246

Delta R.T. -0.00 min

Lab File: BN002785.D

Acq: 20 Sep 2018 09:37

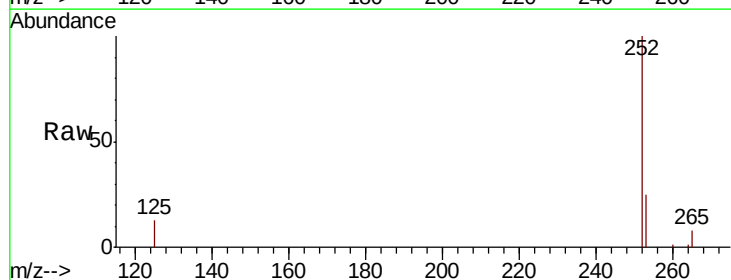
Tgt Ion:252 Resp: 8251

Ion Ratio Lower Upper

252 100

253 24.7 24.5 36.7

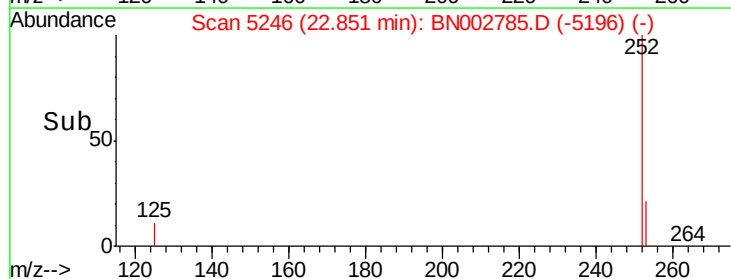
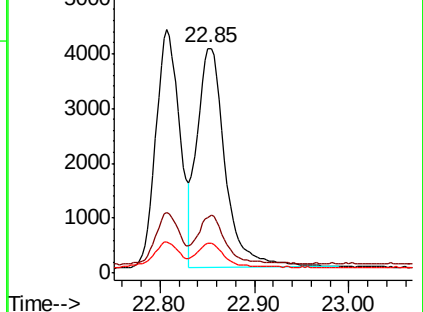
125 13.0 13.7 20.5#

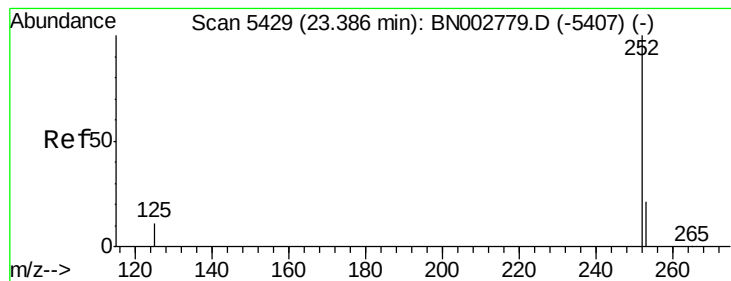


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.408 ng/ul

RT: 23.38 min Scan# 5428

Delta R.T. -0.00 min

Lab File: BN002785.D

Acq: 20 Sep 2018 09:37

Instrument :

BNA_N

ClientSampleId :

SSTD0.468

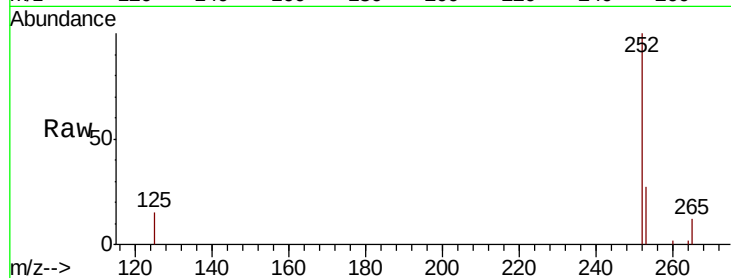
Tgt Ion:252 Resp: 7221

Ion Ratio Lower Upper

252 100

253 27.5 16.0 24.0#

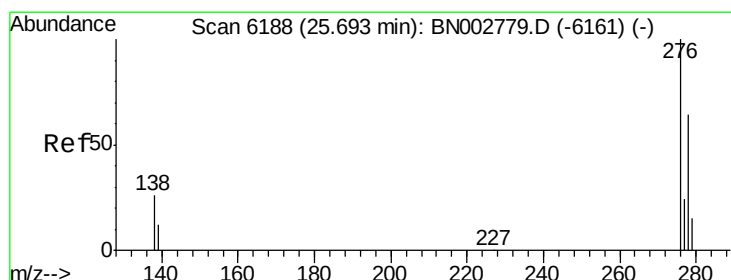
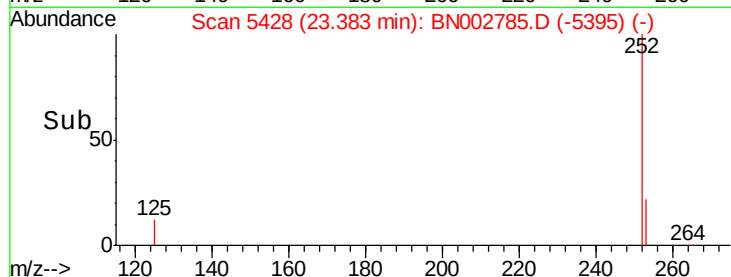
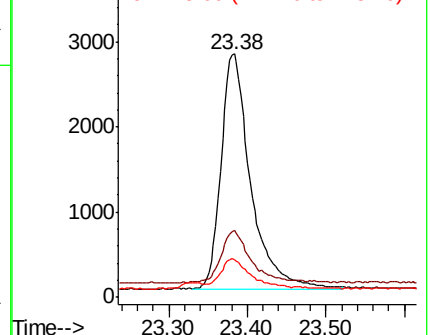
125 15.3 12.0 18.0



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: 0.374 ng/ul

RT: 25.70 min Scan# 6189

Delta R.T. 0.00 min

Lab File: BN002785.D

Acq: 20 Sep 2018 09:37

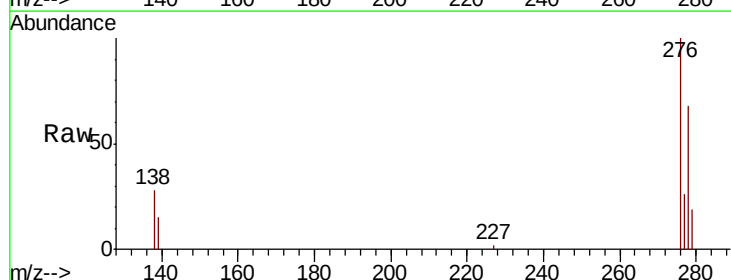
Tgt Ion:276 Resp: 7973

Ion Ratio Lower Upper

276 100

138 28.3 28.0 42.0

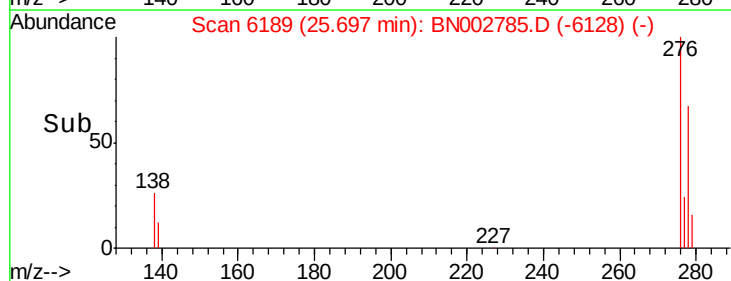
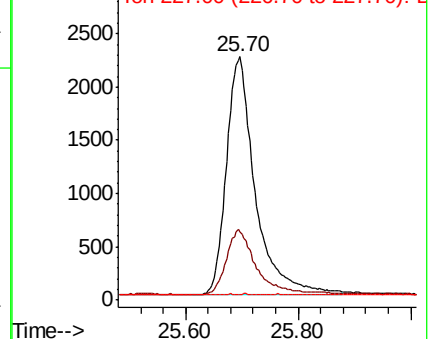
227 0.2 0.8 1.2#

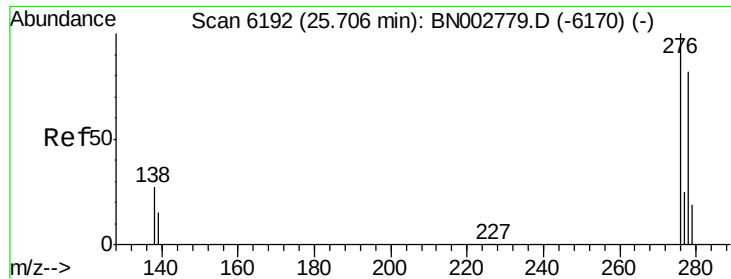


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.370 ng/ul

RT: 25.70 min Scan# 6191

Delta R.T. -0.00 min

Lab File: BN002785.D

Acq: 20 Sep 2018 09:37

Instrument :

BNA_N

ClientSampleId :

SSTD0.468

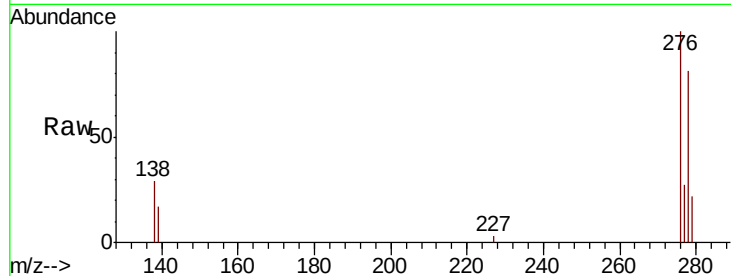
Tgt Ion: 278 Resp: 6320

Ion Ratio Lower Upper

278 100

139 21.3 17.4 26.0

279 27.6 25.9 38.9

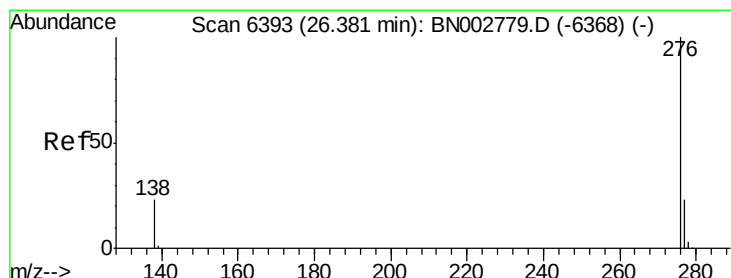
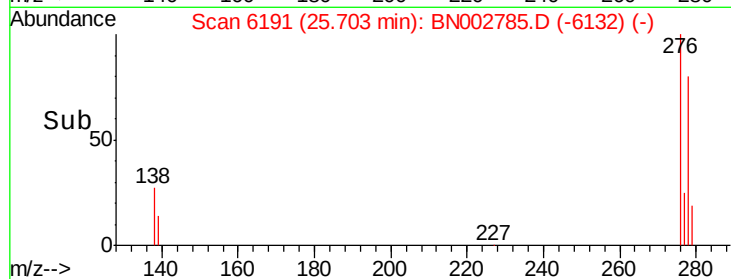
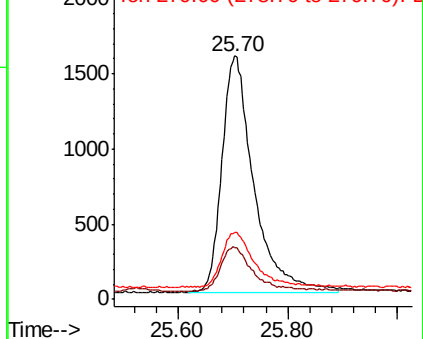


Abundance

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: 0.380 ng/ul

RT: 26.37 min Scan# 6391

Delta R.T. -0.01 min

Lab File: BN002785.D

Acq: 20 Sep 2018 09:37

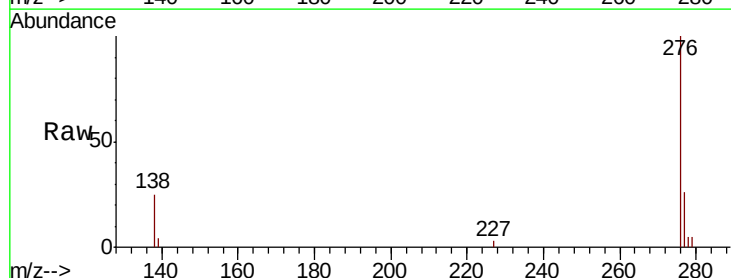
Tgt Ion: 276 Resp: 6994

Ion Ratio Lower Upper

276 100

138 24.9 21.8 32.8

277 26.3 20.5 30.7



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

