

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051319\
 Data File : BN005681.D
 Acq On : 14 May 2019 08:21
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.475

Quant Time: May 14 09:06:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 07:15:06 2019
 Response via : Initial Calibration

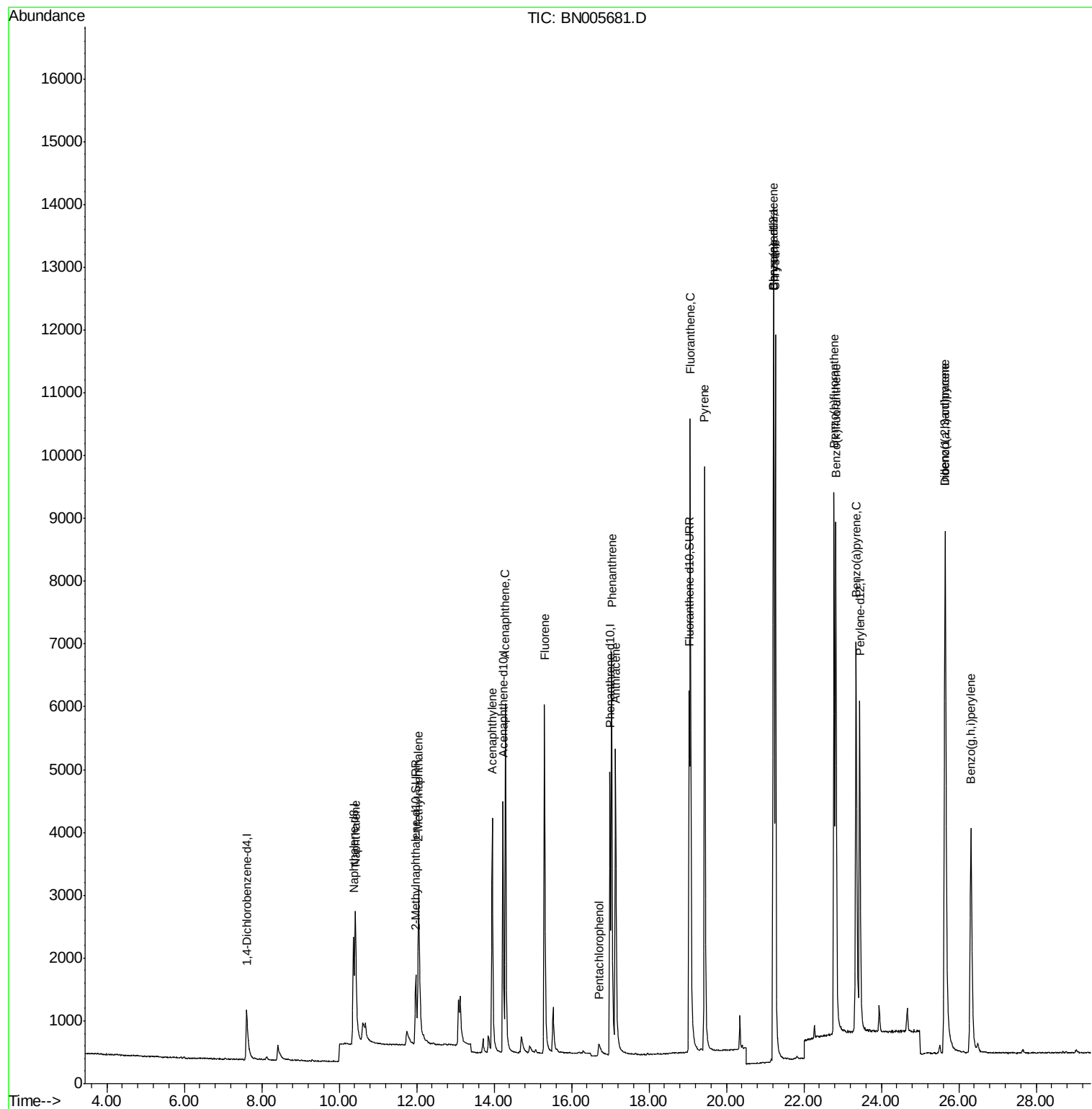
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	956	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	4205	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.23	164	2881	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	7432	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	7847	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	8278	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	2913	0.44	ng/ul	0.01
14) Fluoranthene-d10	19.03	212	9257	0.40	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	4469	0.402	ng/ul	98
5) 2-Methylnaphthalene	12.05	142	3385	0.445	ng/ul	100
7) Acenaphthylene	13.95	152	6029	0.416	ng/ul	99
8) Acenaphthene	14.29	153	4275	0.417	ng/ul	98
9) Fluorene	15.30	166	5038	0.420	ng/ul	98
11) Pentachlorophenol	16.71	266	516	0.268	ng/ul	94
12) Phenanthrene	17.04	178	8625	0.426	ng/ul	99
13) Anthracene	17.13	178	8262	0.409	ng/ul	99
15) Fluoranthene	19.07	202	11216	0.400	ng/ul	98
17) Pyrene	19.43	202	11656	0.402	ng/ul	99
18) Benzo(a)anthracene	21.21	228	11422	0.422	ng/ul	100
19) Chrysene	21.26	228	12859	0.387	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	11812	0.475	ng/ul	99
22) Benzo(k)fluoranthene	22.83	252	12739	0.408	ng/ul	99
23) Benzo(a)pyrene	23.35	252	11684	0.420	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.65	276	11663	0.375	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.65	278	9624	0.374	ng/ul	98
26) Benzo(g,h,i)perylene	26.31	276	9533	0.359	ng/ul	98

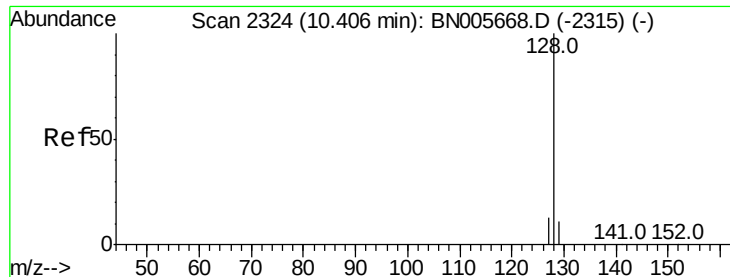
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.402 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. 0.01 min

Lab File: BN005681.D

Acq: 14 May 2019 08:21

Instrument :

BNA_N

ClientSampleId :

SSTD0.475

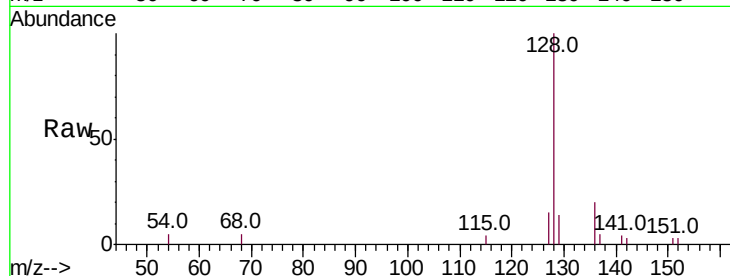
Tot Ion:128 Resp: 4469

Ion Ratio Lower Upper

128 100

129 14.1 10.2 15.2

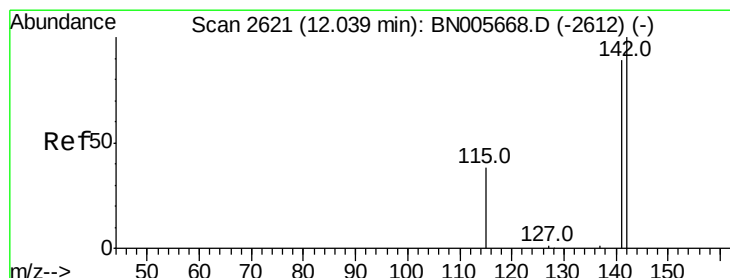
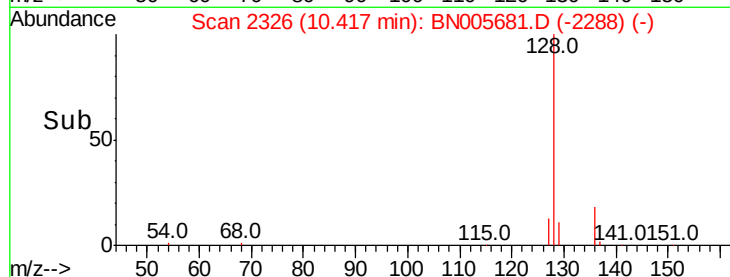
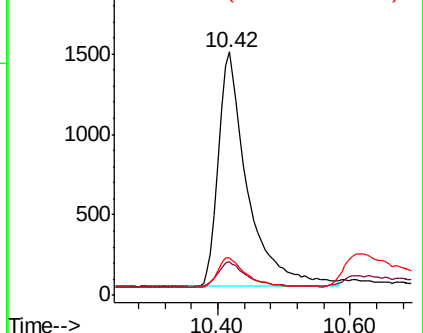
127 15.5 11.8 17.8



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: 0.445 ng/ul

RT: 12.05 min Scan# 2623

Delta R.T. 0.01 min

Lab File: BN005681.D

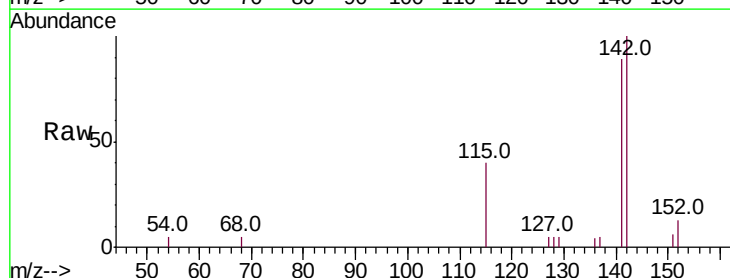
Acq: 14 May 2019 08:21

Tgt Ion:142 Resp: 3385

Ion Ratio Lower Upper

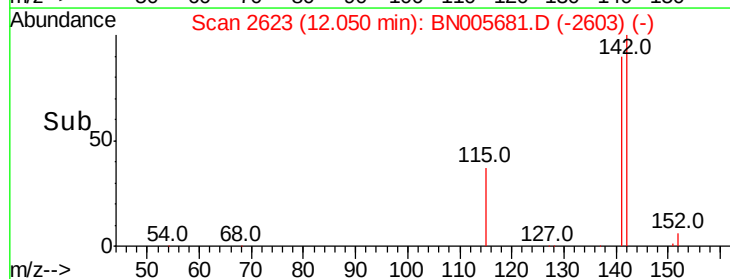
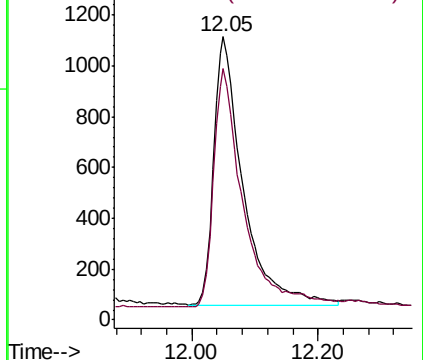
142 100

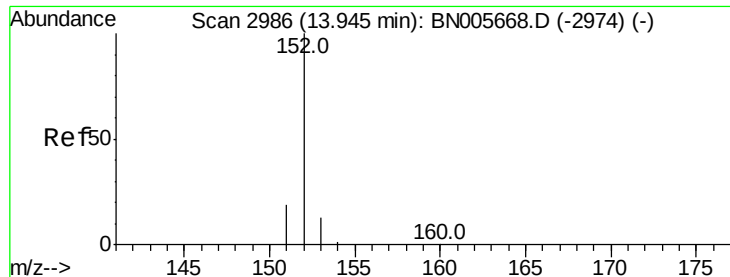
141 90.0 72.2 108.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.416 ng/ul

RT: 13.95 min Scan# 2987

Delta R.T. 0.00 min

Lab File: BN005681.D

Acq: 14 May 2019 08:21

Instrument :

BNA_N

ClientSampleId :

SSTD0.475

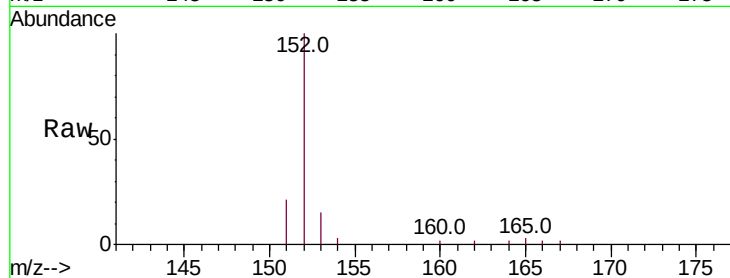
Tot Ion:152 Resp: 6029

Ion Ratio Lower Upper

152 100

151 20.6 16.7 25.1

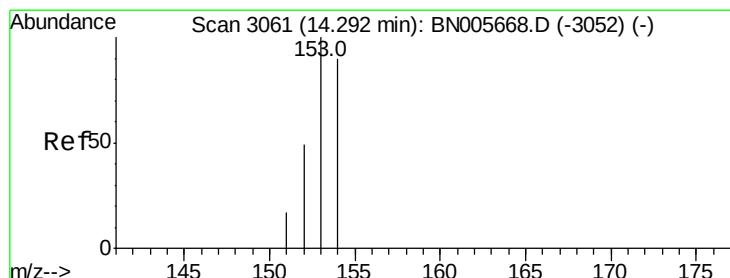
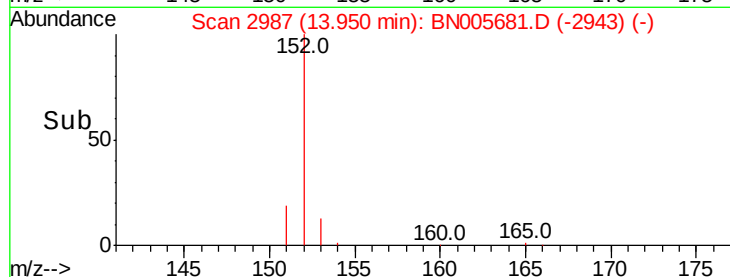
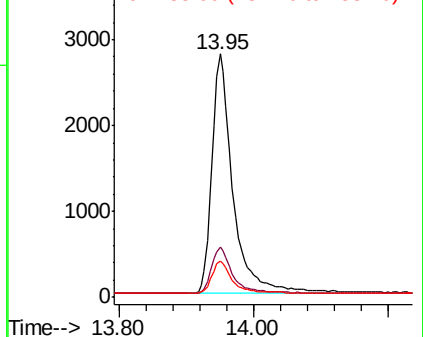
153 14.6 11.6 17.4



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: 0.417 ng/ul

RT: 14.29 min Scan# 3061

Delta R.T. -0.00 min

Lab File: BN005681.D

Acq: 14 May 2019 08:21

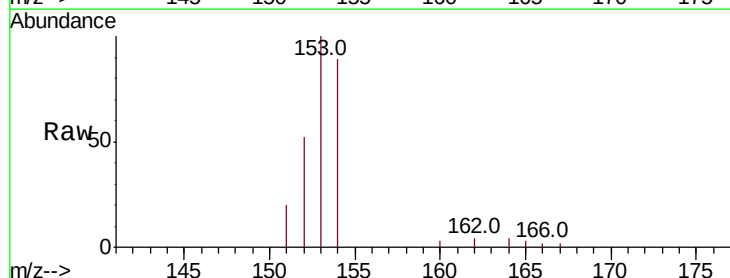
Tgt Ion:153 Resp: 4275

Ion Ratio Lower Upper

153 100

152 51.7 40.8 61.2

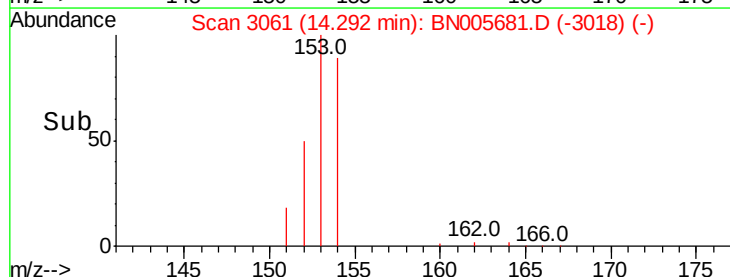
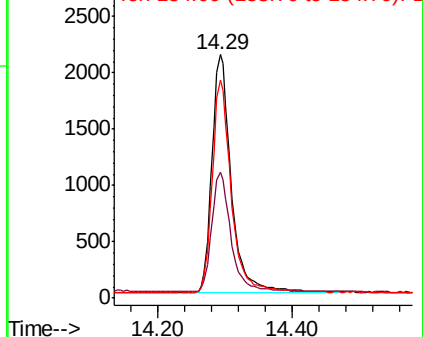
154 89.4 73.2 109.8

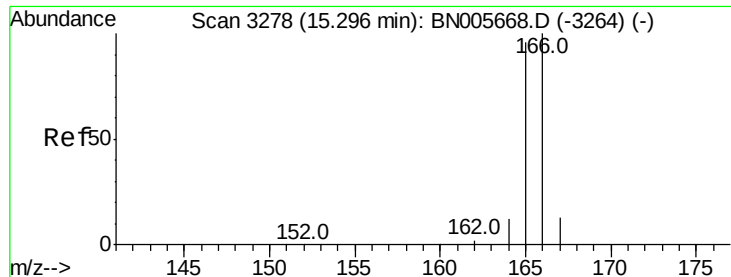


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

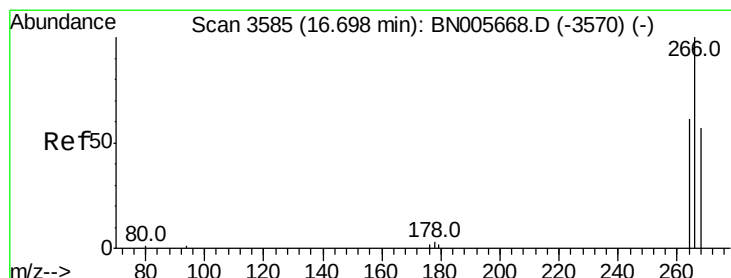
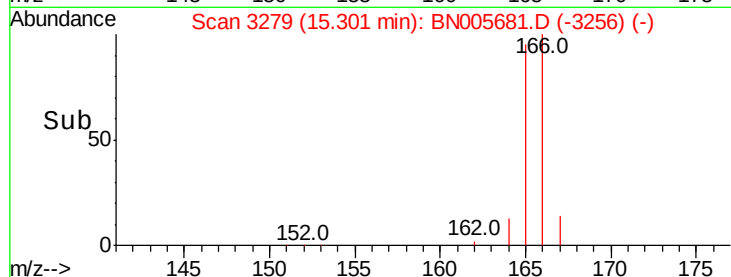
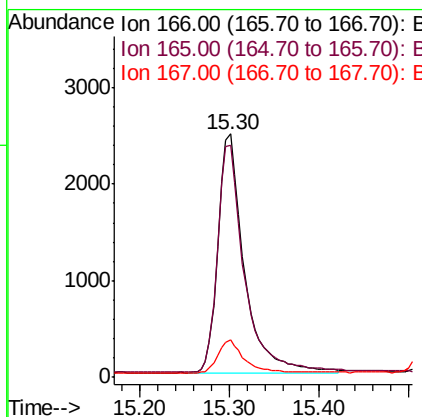
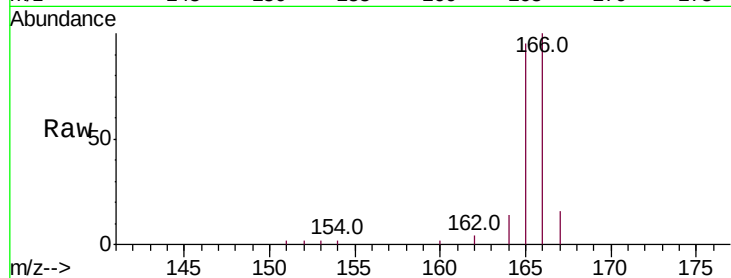




#9
Fluorene
 Concen: 0.420 ng/ul
 RT: 15.30 min Scan# 3279
 Delta R.T. 0.00 min
 Lab File: BN005681.D
 Acq: 14 May 2019 08:21

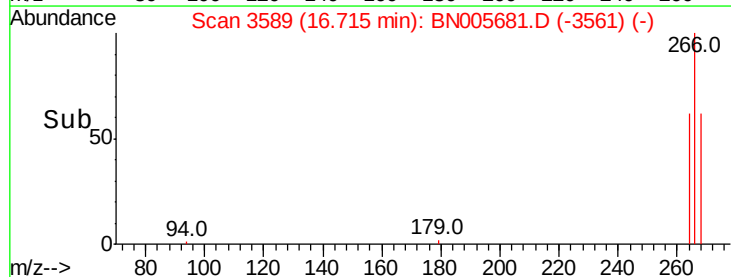
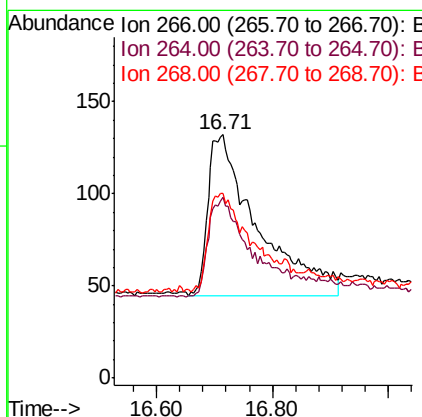
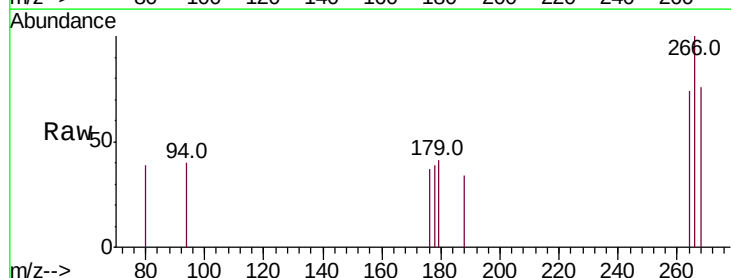
Instrument :
 BNA_N
 ClientSampleId :
 SST0.475

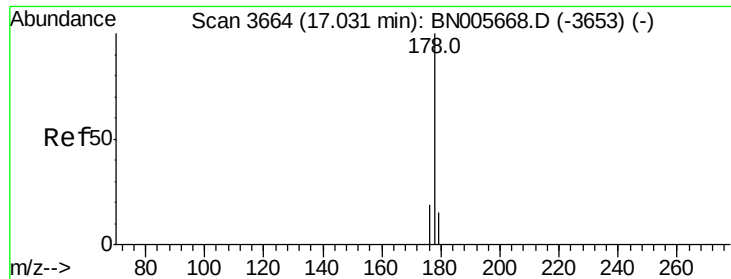
Tot Ion:166 Resp: 5038
 Ion Ratio Lower Upper
 166 100
 165 95.4 78.0 117.0
 167 15.5 12.2 18.4



#11
Pentachlorophenol
 Concen: 0.268 ng/ul
 RT: 16.71 min Scan# 3589
 Delta R.T. 0.02 min
 Lab File: BN005681.D
 Acq: 14 May 2019 08:21

Tgt Ion:266 Resp: 516
 Ion Ratio Lower Upper
 266 100
 264 63.6 55.3 82.9
 268 66.1 56.7 85.1





#12

Phenanthrene

Concen: 0.426 ng/ul

RT: 17.04 min Scan# 3665

Delta R.T. 0.00 min

Lab File: BN005681.D

Acq: 14 May 2019 08:21

Instrument :

BNA_N

ClientSampleId :

SSTD0.475

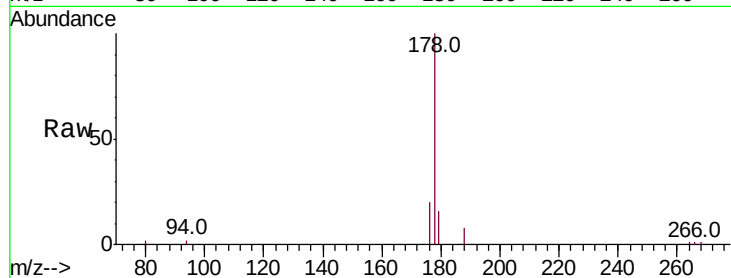
Tot Ion:178 Resp: 8625

Ion Ratio Lower Upper

178 100

179 16.1 12.8 19.2

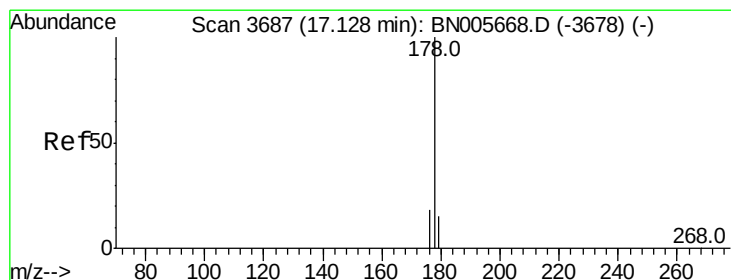
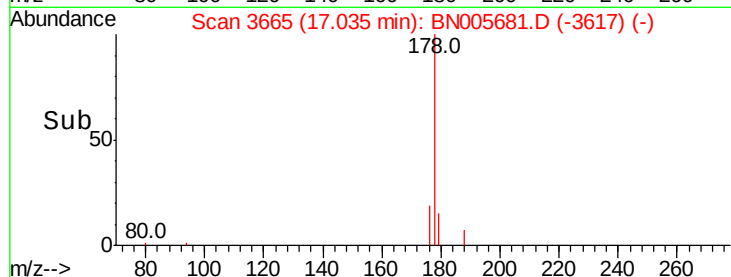
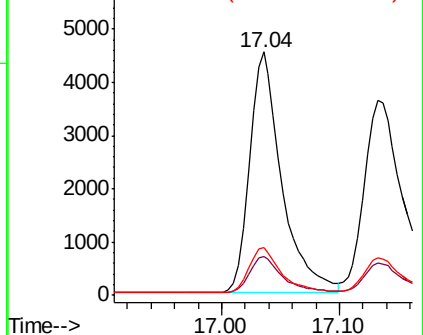
176 19.6 15.3 22.9



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: 0.409 ng/ul

RT: 17.13 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BN005681.D

Acq: 14 May 2019 08:21

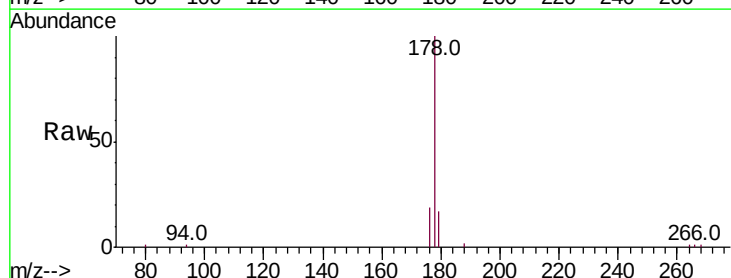
Tgt Ion:178 Resp: 8262

Ion Ratio Lower Upper

178 100

179 16.6 13.4 20.2

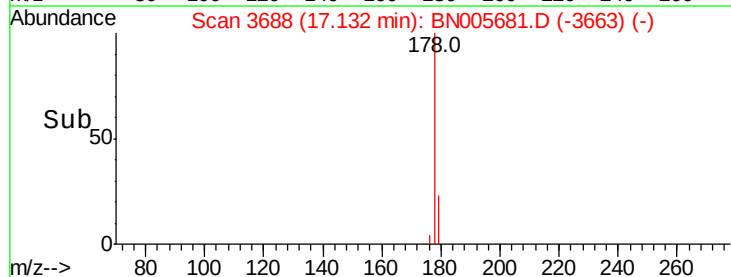
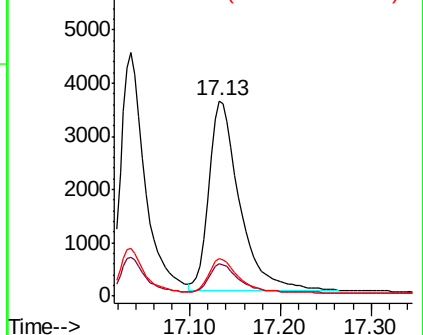
176 19.5 15.1 22.7

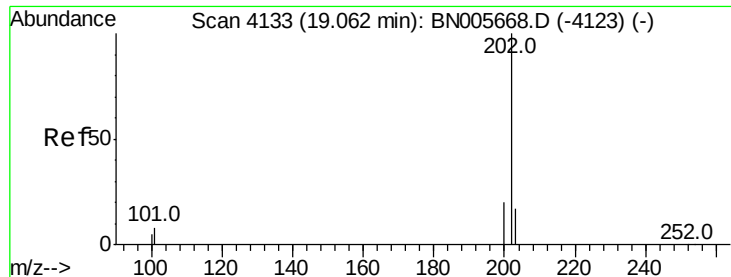


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.400 ng/ul

RT: 19.07 min Scan# 4134

Delta R.T. 0.00 min

Lab File: BN005681.D

Acq: 14 May 2019 08:21

Instrument :

BNA_N

ClientSampleId :

SSTD0.475

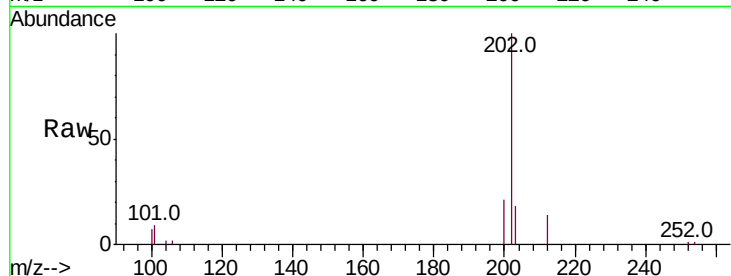
Tot Ion:202 Resp: 11216

Ion Ratio Lower Upper

202 100

101 8.5 0.0 29.4

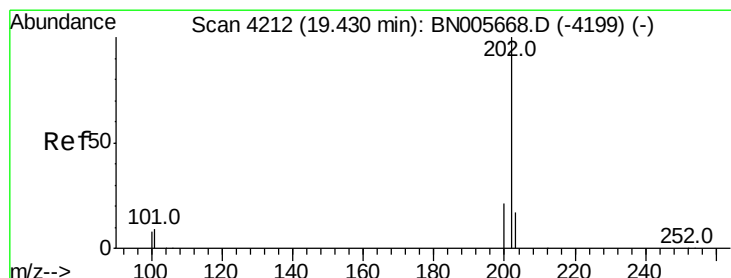
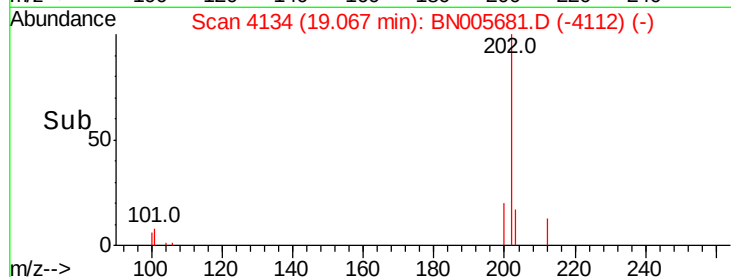
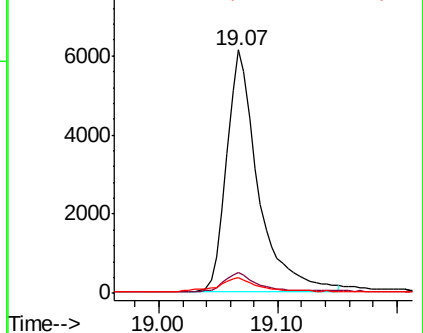
100 6.7 0.0 27.1



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: 0.402 ng/ul

RT: 19.43 min Scan# 4213

Delta R.T. 0.00 min

Lab File: BN005681.D

Acq: 14 May 2019 08:21

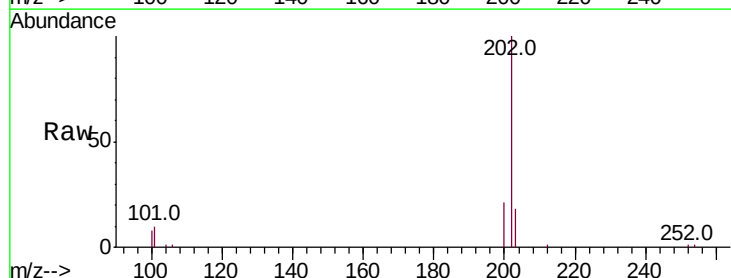
Tgt Ion:202 Resp: 11656

Ion Ratio Lower Upper

202 100

101 9.9 8.5 12.7

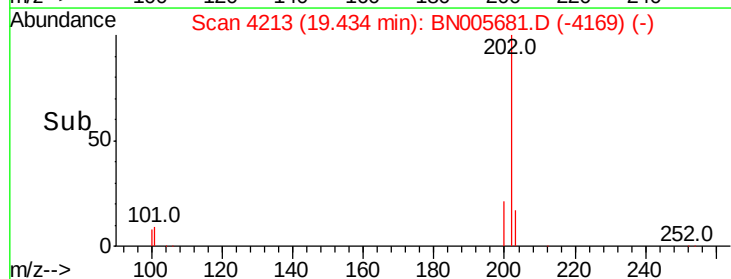
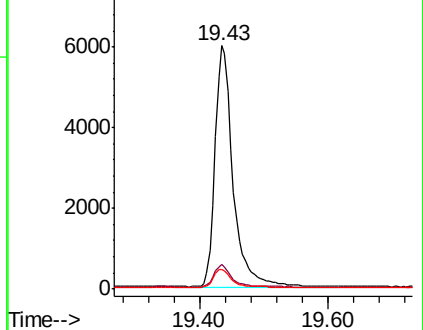
100 8.3 6.9 10.3

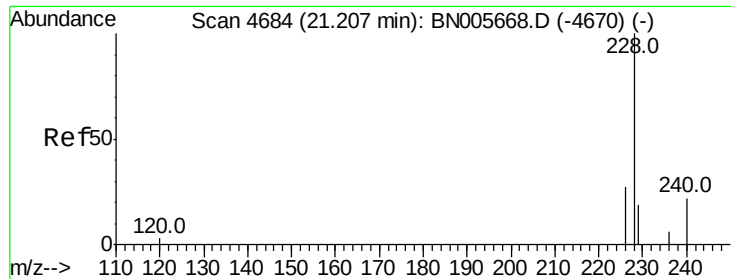


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.422 ng/ul

RT: 21.21 min Scan# 4685

Delta R.T. 0.00 min

Lab File: BN005681.D

Acq: 14 May 2019 08:21

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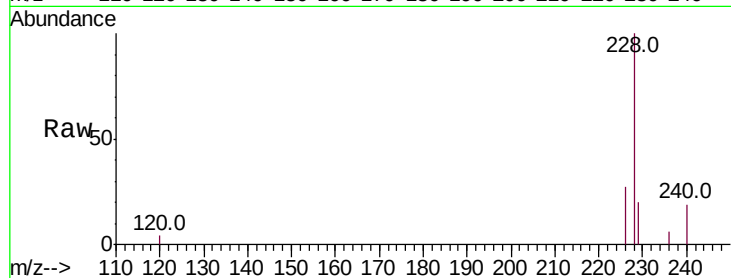
Tot Ion:228 Resp: 11422

Ion Ratio Lower Upper

228 100

229 20.1 15.8 23.8

226 26.9 21.7 32.5

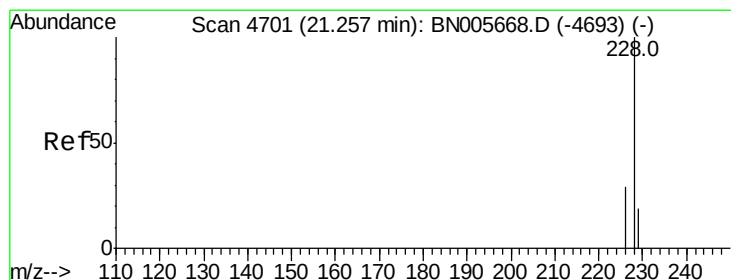
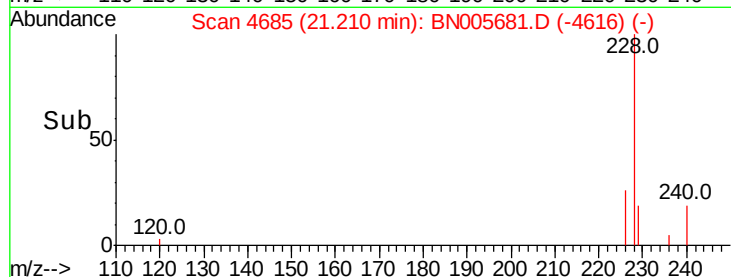
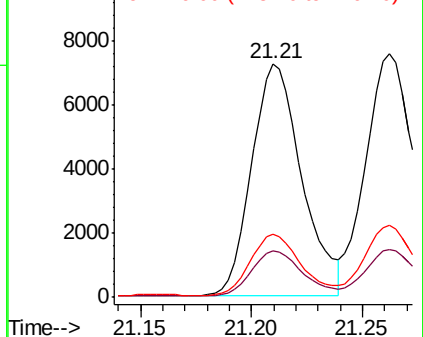


Abundance

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: 0.387 ng/ul

RT: 21.26 min Scan# 4703

Delta R.T. 0.01 min

Lab File: BN005681.D

Acq: 14 May 2019 08:21

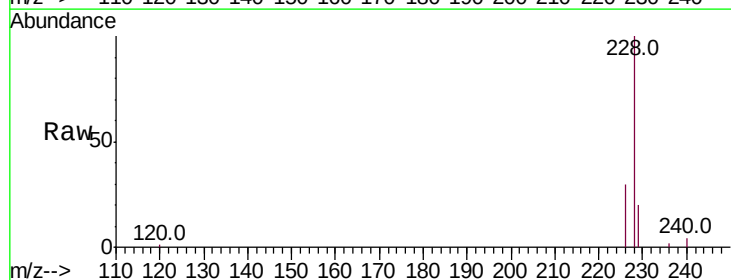
Tgt Ion:228 Resp: 12859

Ion Ratio Lower Upper

228 100

226 29.7 23.2 34.8

229 19.9 16.0 24.0

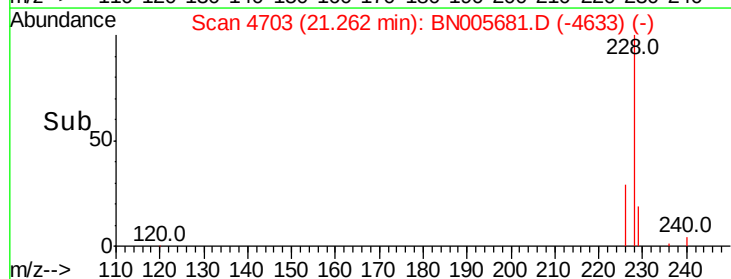
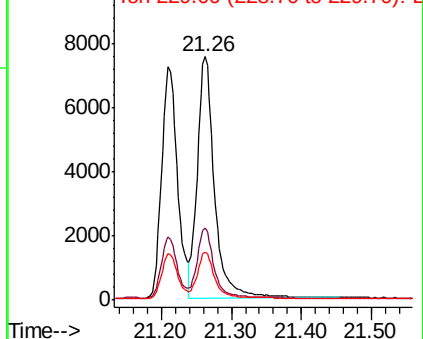


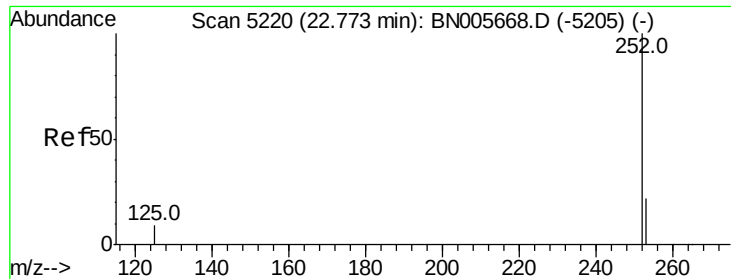
Abundance

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: 0.475 ng/ul

RT: 22.78 min Scan# 5223

Delta R.T. 0.01 min

Lab File: BN005681.D

Acq: 14 May 2019 08:21

Instrument :

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ClientSampleId :

SSTD0.475

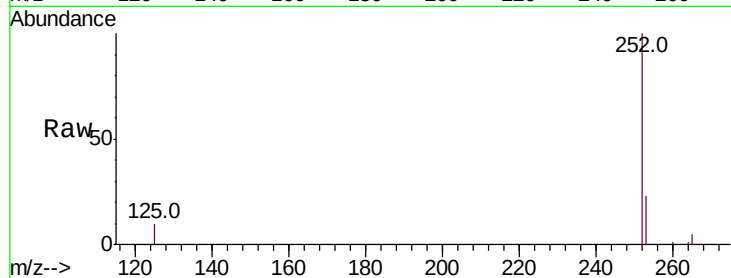
Tot Ion:252 Resp: 11812

Ion Ratio Lower Upper

252 100

253 23.0 0.0 47.6

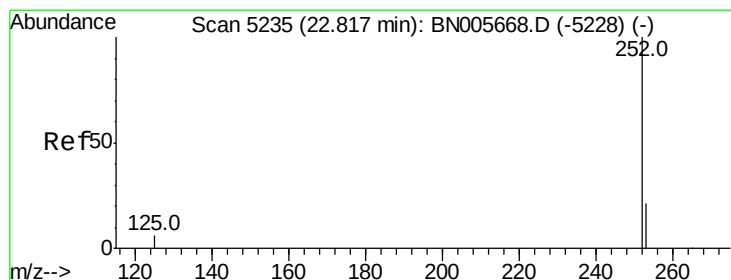
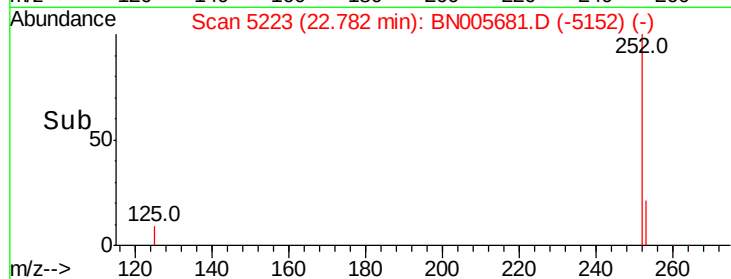
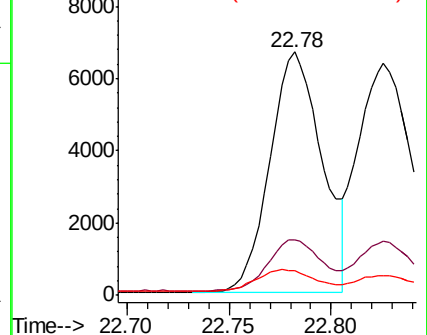
125 10.3 0.0 20.8



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: 0.408 ng/ul

RT: 22.83 min Scan# 5238

Delta R.T. 0.01 min

Lab File: BN005681.D

Acq: 14 May 2019 08:21

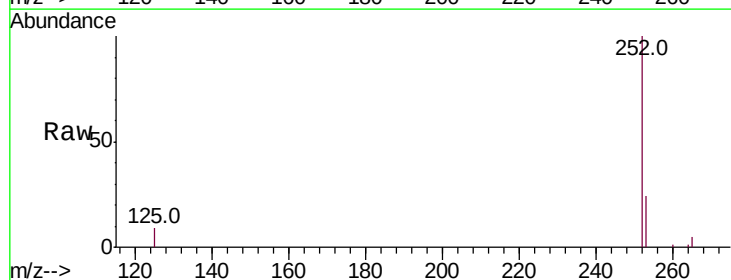
Tgt Ion:252 Resp: 12739

Ion Ratio Lower Upper

252 100

253 23.5 18.8 28.2

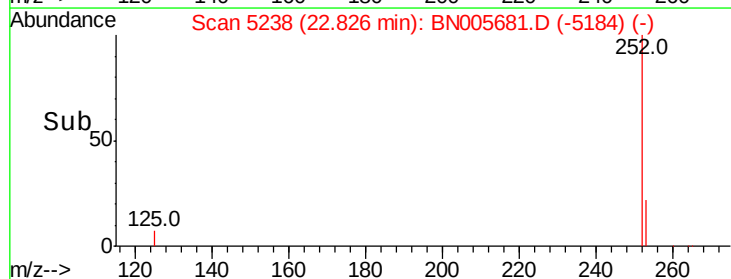
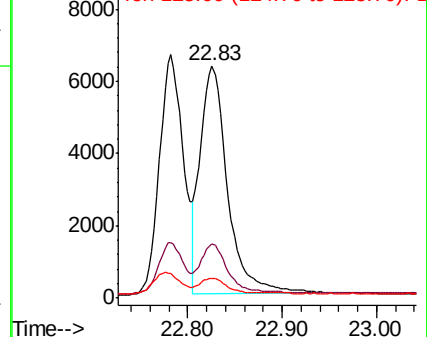
125 8.7 7.6 11.4

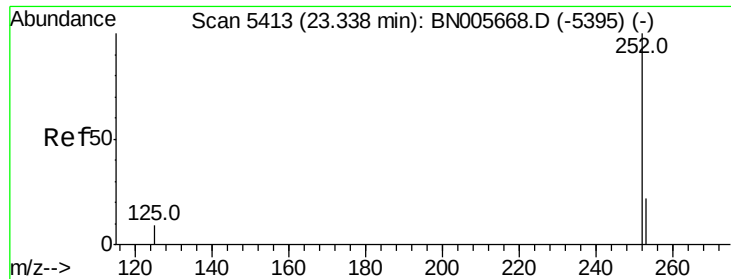


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.420 ng/ul

RT: 23.35 min Scan# 5416

Delta R.T. 0.01 min

Lab File: BN005681.D

Acq: 14 May 2019 08:21

Instrument :

BNA_N

ClientSampleId :

SSTD0.475

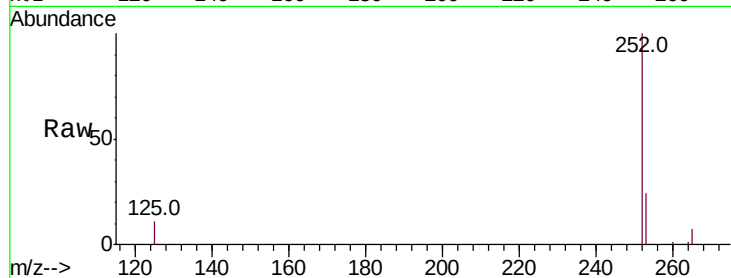
Tot Ion:252 Resp: 11684

Ion Ratio Lower Upper

252 100

253 23.9 19.6 29.4

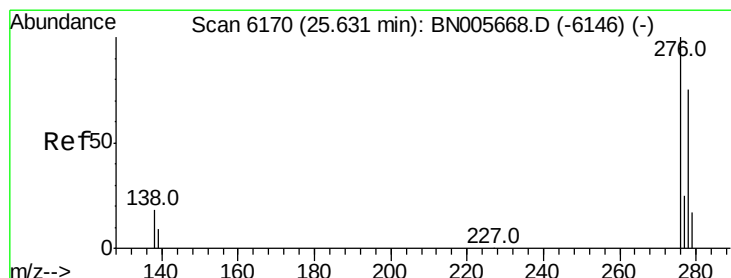
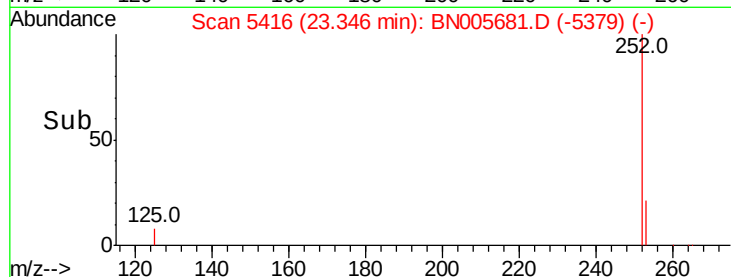
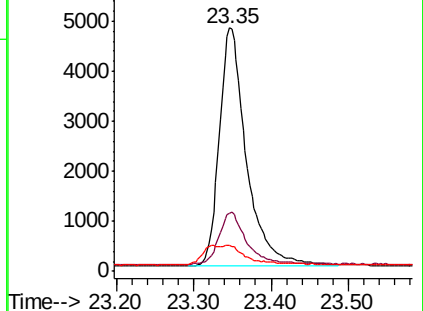
125 10.7 10.1 15.1



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: 25.65 min Scan# 6175

Delta R.T. 0.02 min

Lab File: BN005681.D

Acq: 14 May 2019 08:21

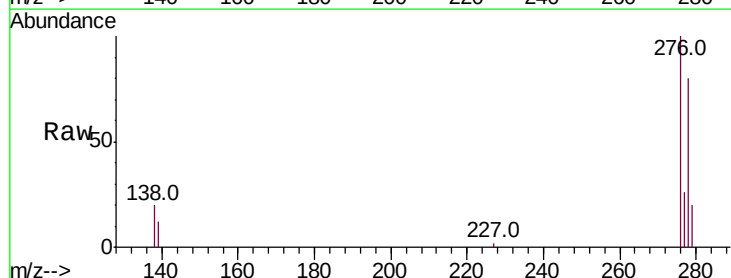
Tgt Ion:276 Resp: 11663

Ion Ratio Lower Upper

276 100

138 17.6 15.8 23.8

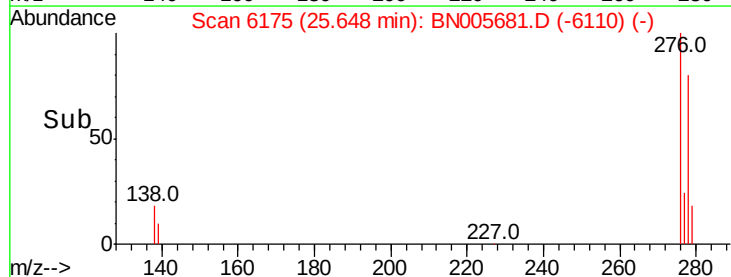
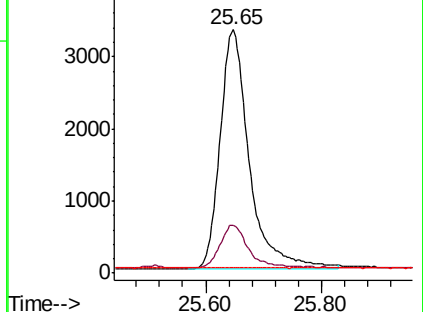
227 0.0 0.1 0.1#

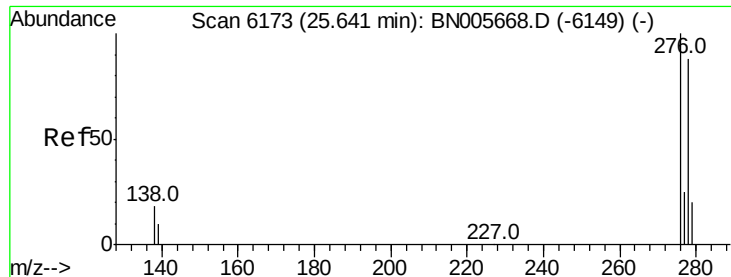


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.374 ng/ul

RT: 25.65 min Scan# 6176

Delta R.T. 0.01 min

Lab File: BN005681.D

Acq: 14 May 2019 08:21

Instrument :

BNA_N

ClientSampleId :

SSTD0.475

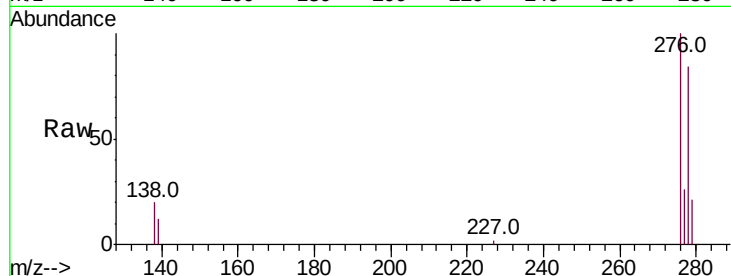
Tot Ion:278 Resp: 9624

Ion Ratio Lower Upper

278 100

139 14.5 12.4 18.6

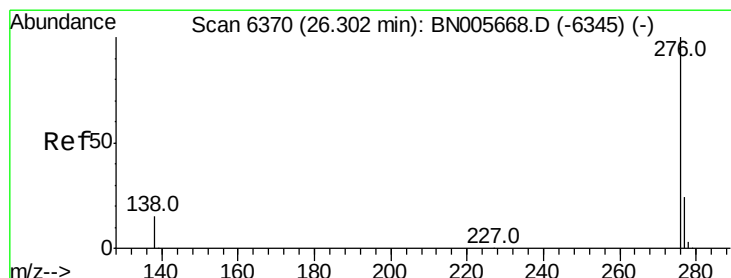
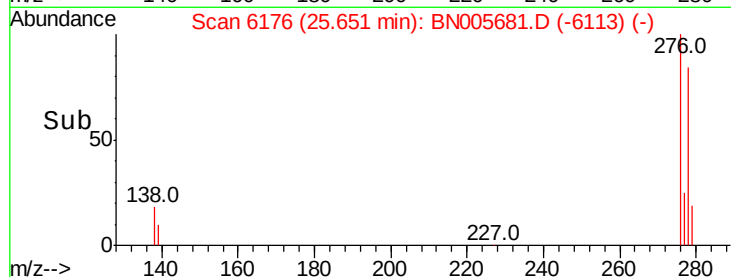
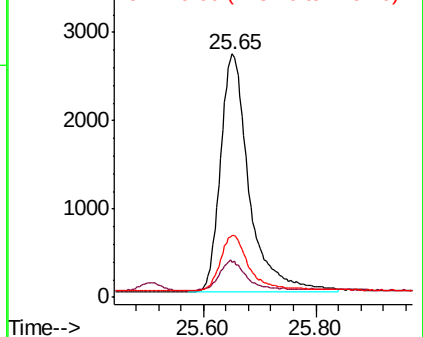
279 25.4 21.0 31.4



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: 0.359 ng/ul

RT: 26.31 min Scan# 6373

Delta R.T. 0.01 min

Lab File: BN005681.D

Acq: 14 May 2019 08:21

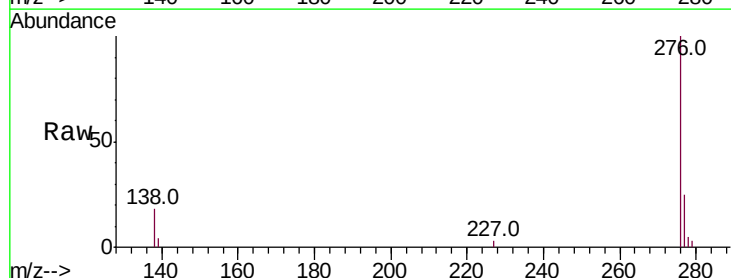
Tgt Ion:276 Resp: 9533

Ion Ratio Lower Upper

276 100

138 18.0 15.6 23.4

277 25.2 20.6 31.0



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

