

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\
 Data File : BN005527.D
 Acq On : 07 May 2019 21:36
 Operator : JU/SJ
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.468

Quant Time: May 08 02:06:50 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 07 07:04:57 2019
 Response via : Initial Calibration

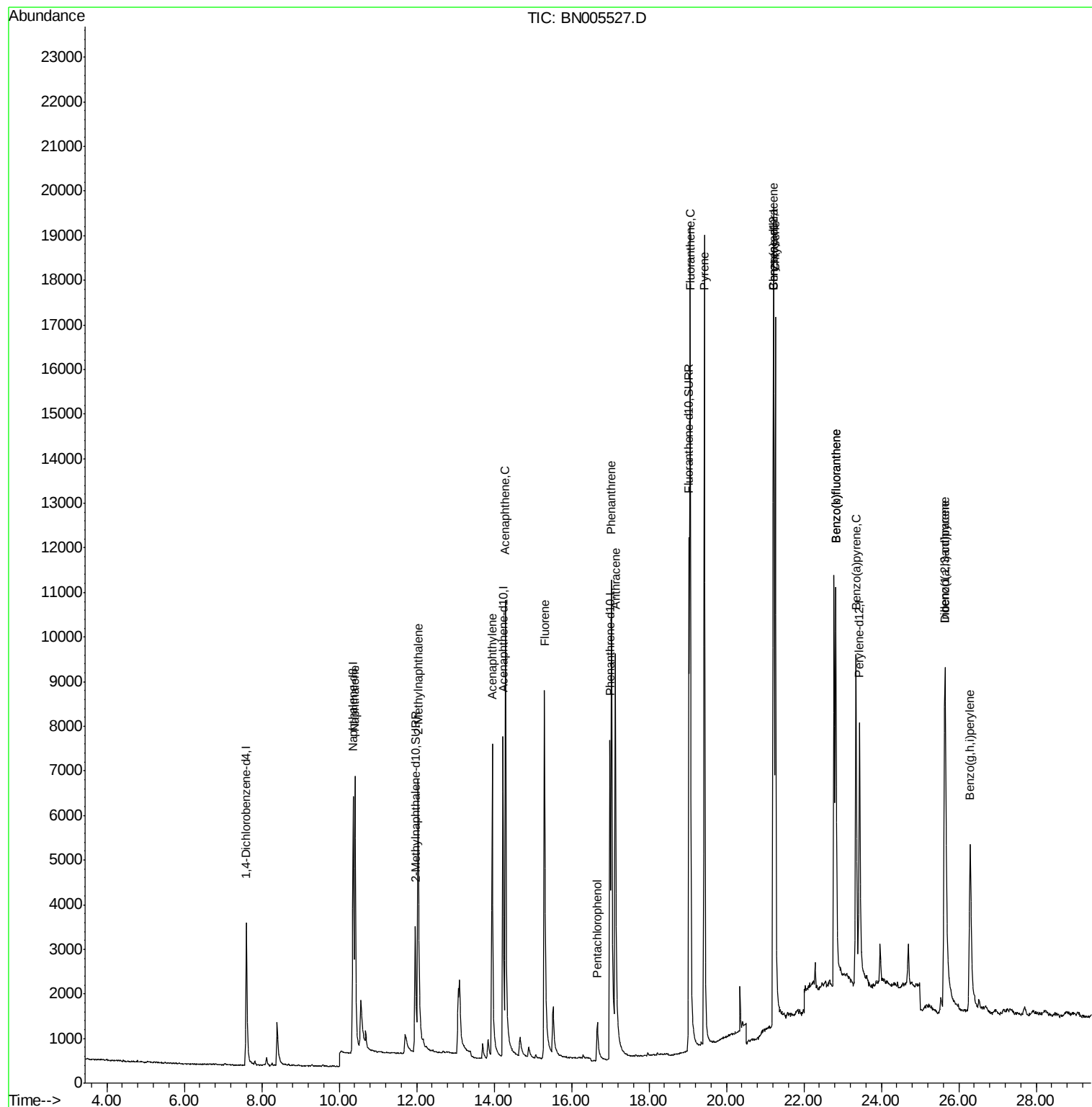
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2486	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	10037	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.23	164	5698	0.40	ng/ul	-0.01
10) Phenanthrene-d10	16.99	188	13626	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	11153	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	9885	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	6394	0.41	ng/ul	-0.03
14) Fluoranthene-d10	19.03	212	16827	0.39	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.41	128	10514	0.396	ng/ul	98
5) 2-Methylnaphthalene	12.04	142	7351	0.405	ng/ul	100
7) Acenaphthylene	13.95	152	11498	0.401	ng/ul	99
8) Acenaphthene	14.29	153	8123	0.400	ng/ul	97
9) Fluorene	15.30	166	9275	0.391	ng/ul	99
11) Pentachlorophenol	16.66	266	1327	0.376	ng/ul	92
12) Phenanthrene	17.03	178	14755	0.397	ng/ul	99
13) Anthracene	17.13	178	15183	0.410	ng/ul	100
15) Fluoranthene	19.06	202	19744	0.384	ng/ul	100
17) Pyrene	19.43	202	20578	0.500	ng/ul	99
18) Benzo(a)anthracene	21.21	228	15939	0.415	ng/ul	97
19) Chrysene	21.26	228	18361	0.389	ng/ul	96
21) Benzo(b)fluoranthene	22.82	252	15334	0.516	ng/ul	94
22) Benzo(k)fluoranthene	22.82	252	15279	0.410	ng/ul#	93
23) Benzo(a)pyrene	23.34	252	12998	0.391	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.63	276	13140	0.354	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.65	278	10883	0.354	ng/ul#	87
26) Benzo(g,h,i)perylene	26.29	276	11038	0.348	ng/ul	92

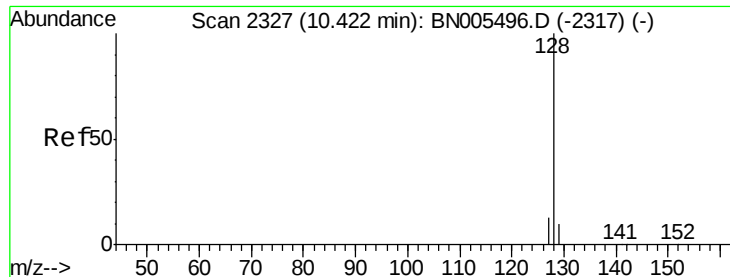
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.396 ng/ul

RT: 10.41 min Scan# 2324

Delta R.T. -0.02 min

Lab File: BN005527.D

Acq: 07 May 2019 21:36

Instrument :

BNA_N

ClientSampleId :

SSTD0.468

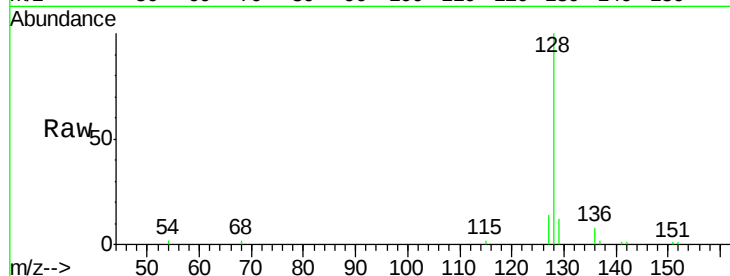
Tgt Ion:128 Resp: 10514

Ion Ratio Lower Upper

128 100

129 12.0 10.2 15.2

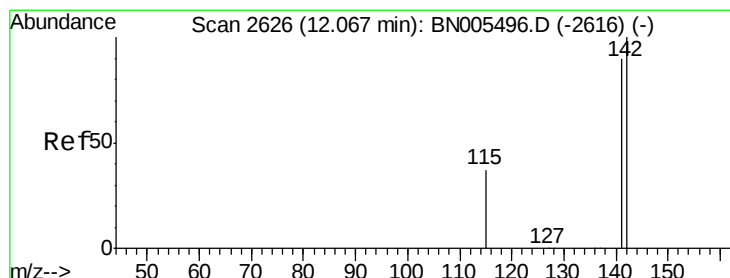
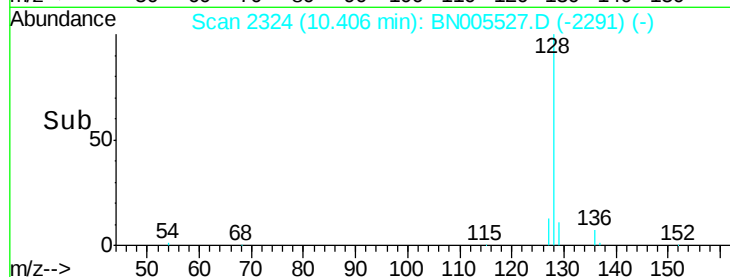
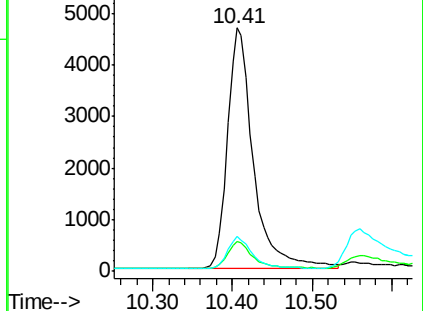
127 14.1 11.8 17.8



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: 0.405 ng/ul

RT: 12.04 min Scan# 2621

Delta R.T. -0.03 min

Lab File: BN005527.D

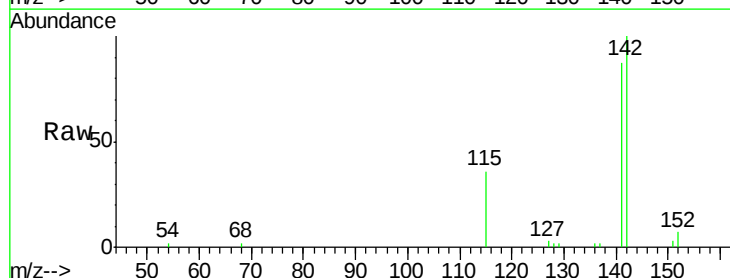
Acq: 07 May 2019 21:36

Tgt Ion:142 Resp: 7351

Ion Ratio Lower Upper

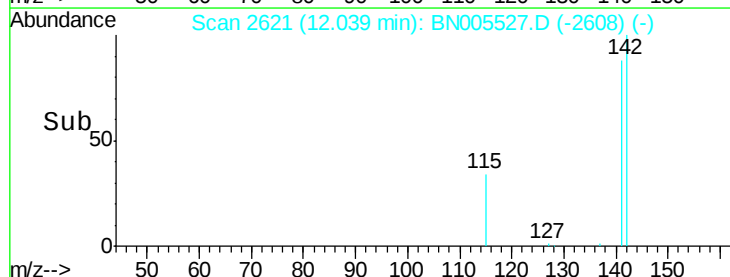
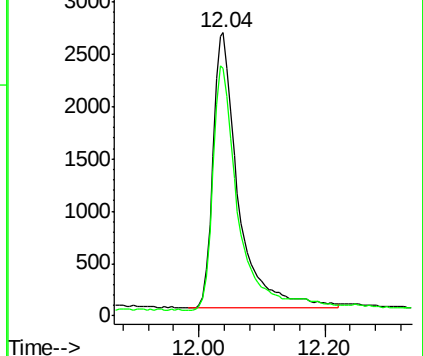
142 100

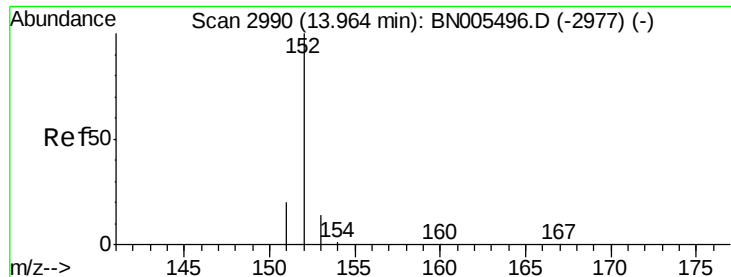
141 90.2 72.2 108.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.401 ng/ul

RT: 13.95 min Scan# 2987

Delta R.T. -0.01 min

Lab File: BN005527.D

Acq: 07 May 2019 21:36

Instrument :

BNA_N

ClientSampleId :

SSTD0.468

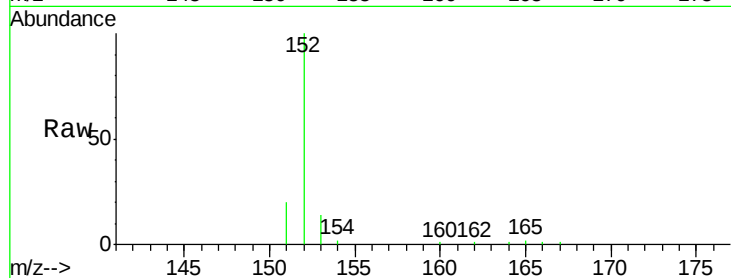
Tgt Ion:152 Resp: 11498

Ion Ratio Lower Upper

152 100

151 20.5 16.7 25.1

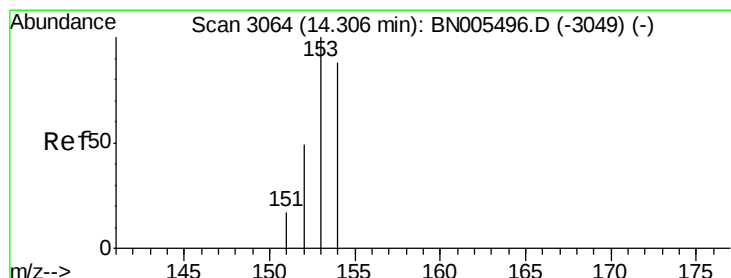
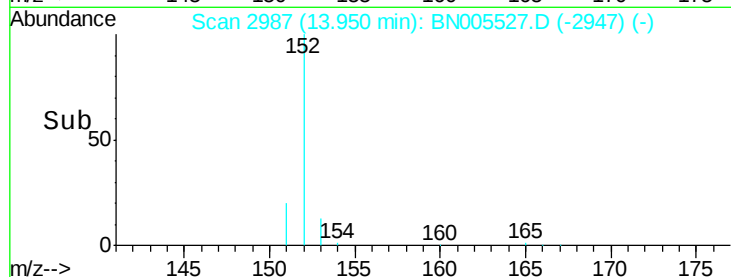
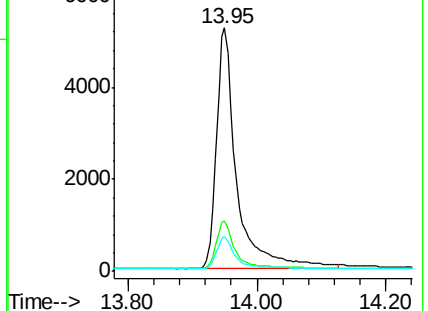
153 14.3 11.6 17.4



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: 0.400 ng/ul

RT: 14.29 min Scan# 3061

Delta R.T. -0.01 min

Lab File: BN005527.D

Acq: 07 May 2019 21:36

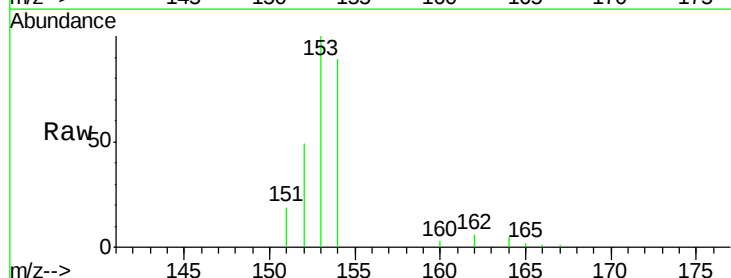
Tgt Ion:153 Resp: 8123

Ion Ratio Lower Upper

153 100

152 49.1 40.8 61.2

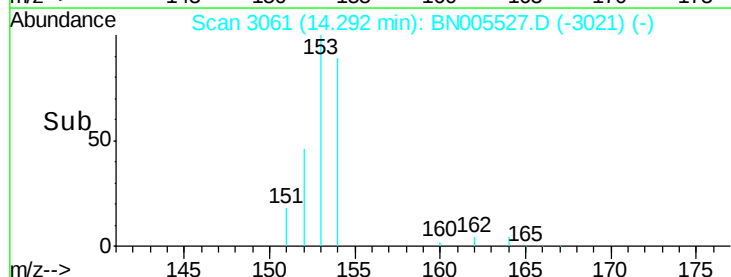
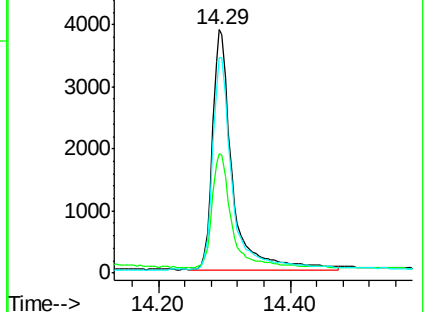
154 88.7 73.2 109.8

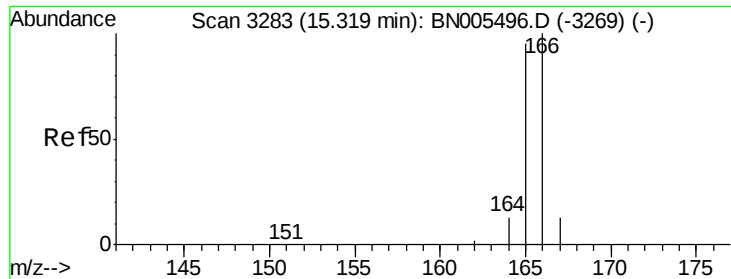


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.391 ng/ul

RT: 15.30 min Scan# 3278

Delta R.T. -0.02 min

Lab File: BN005527.D

Acq: 07 May 2019 21:36

Instrument :

BNA_N

ClientSampleId :

SSTD0.468

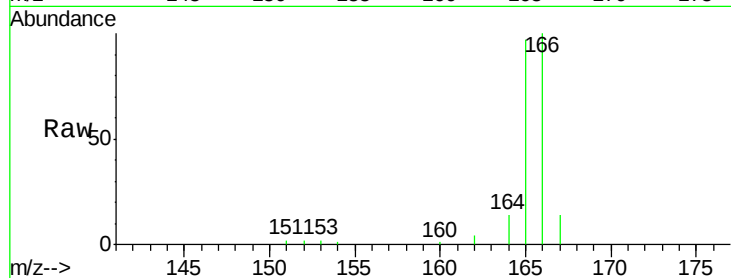
Tgt Ion:166 Resp: 9275

Ion Ratio Lower Upper

166 100

165 96.8 78.0 117.0

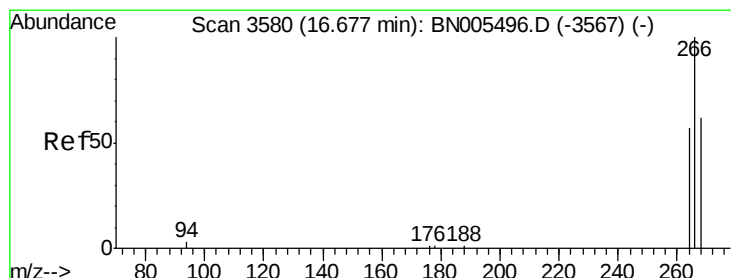
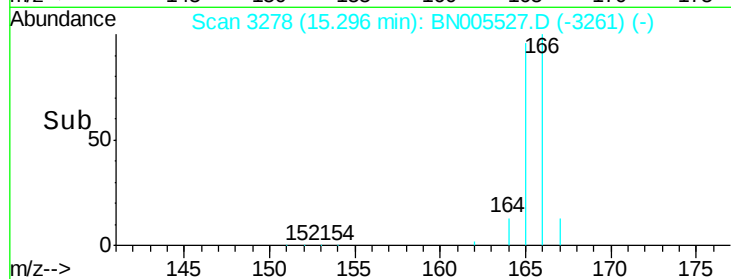
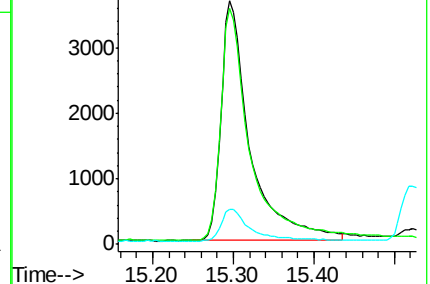
167 14.5 12.2 18.4



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: 0.376 ng/ul

RT: 16.66 min Scan# 3577

Delta R.T. -0.01 min

Lab File: BN005527.D

Acq: 07 May 2019 21:36

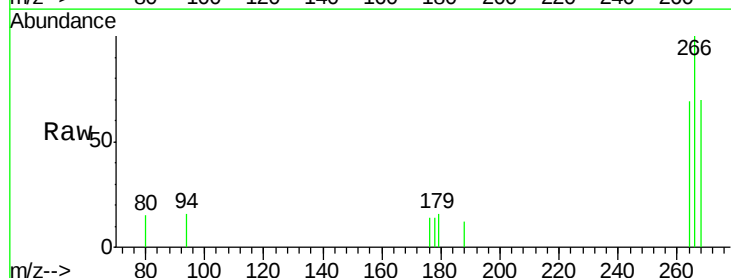
Tgt Ion:266 Resp: 1327

Ion Ratio Lower Upper

266 100

264 63.0 55.3 82.9

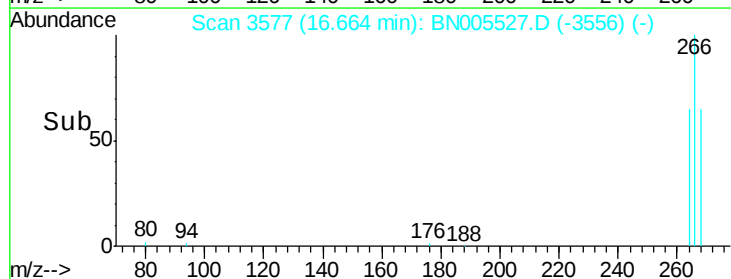
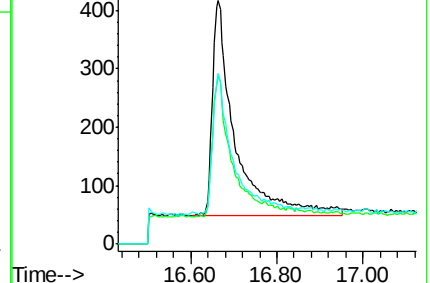
268 63.6 56.7 85.1

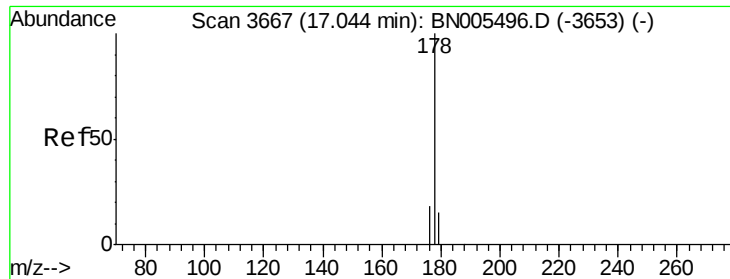


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.397 ng/ul

RT: 17.03 min Scan# 3664

Delta R.T. -0.01 min

Lab File: BN005527.D

Acq: 07 May 2019 21:36

Instrument :

BNA_N

ClientSampleId :

SSTD0.468

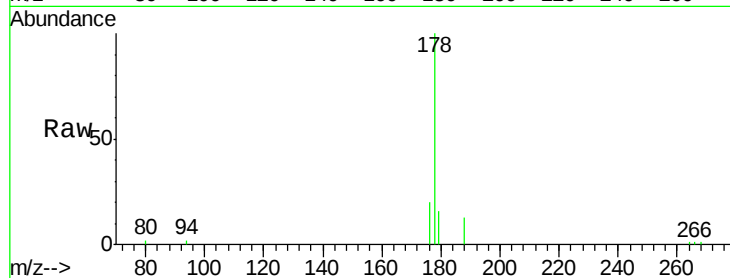
Tgt Ion:178 Resp: 14755

Ion Ratio Lower Upper

178 100

179 16.2 12.8 19.2

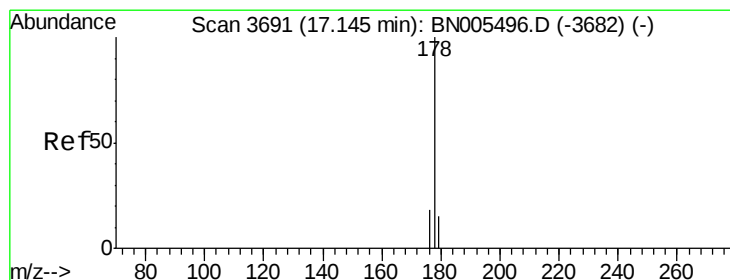
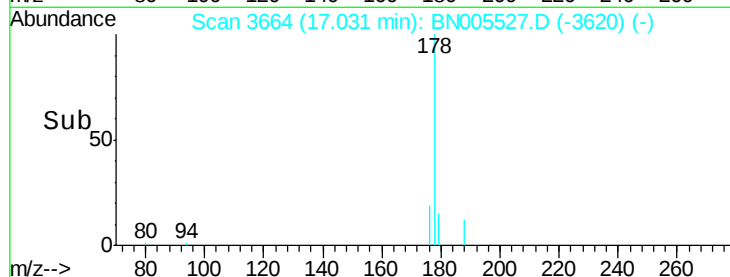
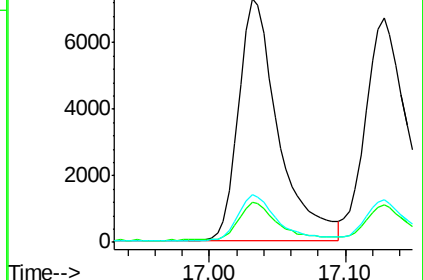
176 19.8 15.3 22.9



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: 0.410 ng/ul

RT: 17.13 min Scan# 3687

Delta R.T. -0.02 min

Lab File: BN005527.D

Acq: 07 May 2019 21:36

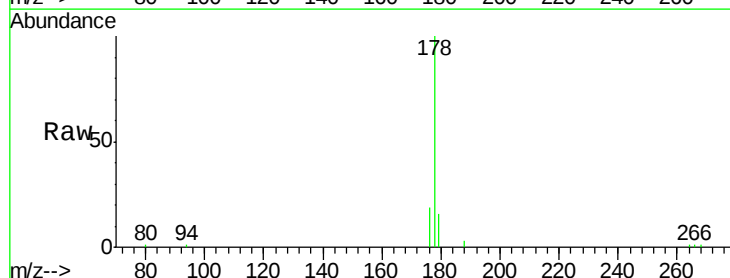
Tgt Ion:178 Resp: 15183

Ion Ratio Lower Upper

178 100

179 16.5 13.4 20.2

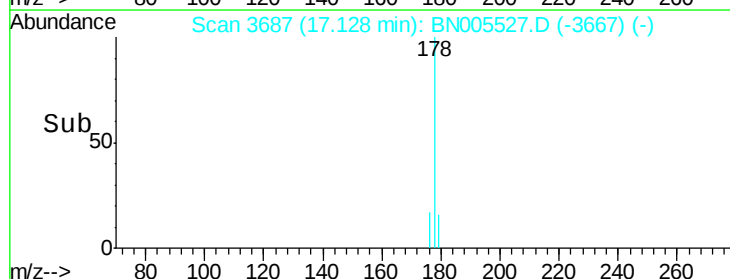
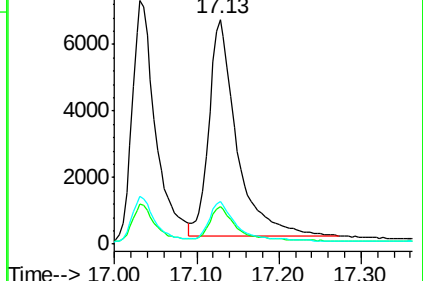
176 18.9 15.1 22.7

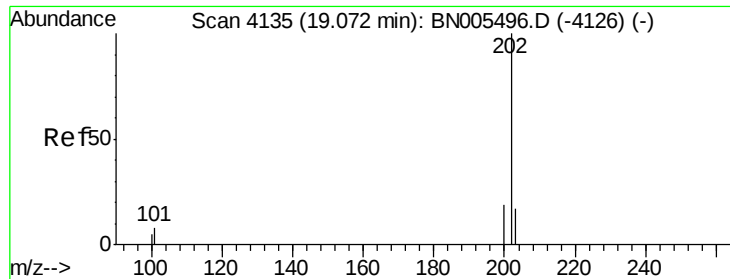


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

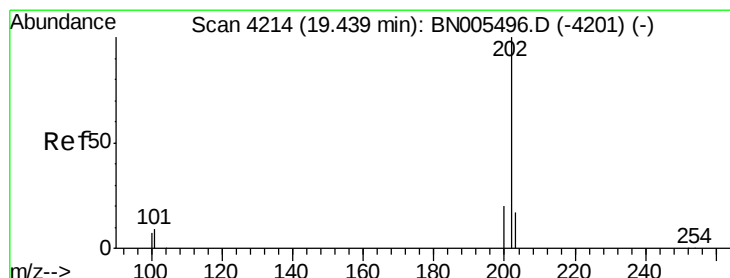
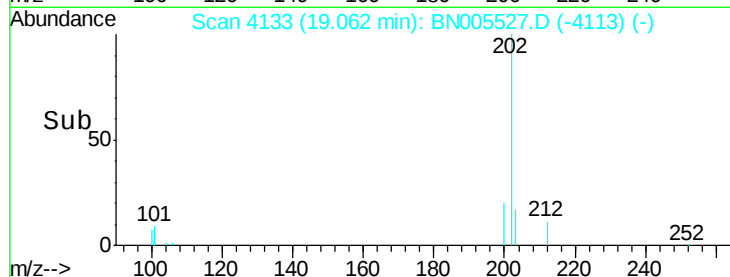
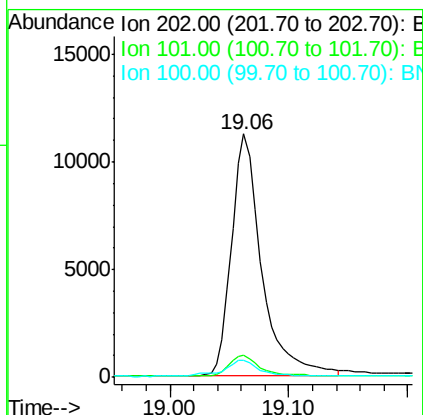
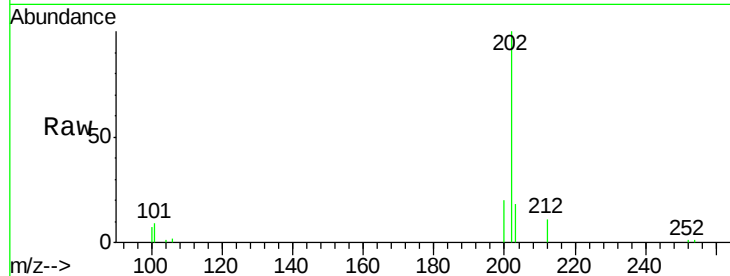




#15
Fluoranthene
Concen: 0.384 ng/ul
RT: 19.06 min Scan# 4133
Delta R.T. -0.01 min
Lab File: BN005527.D
Acq: 07 May 2019 21:36

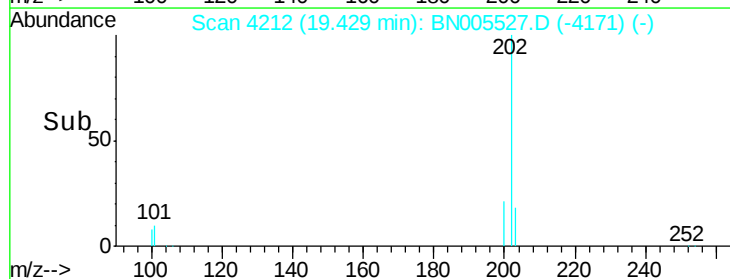
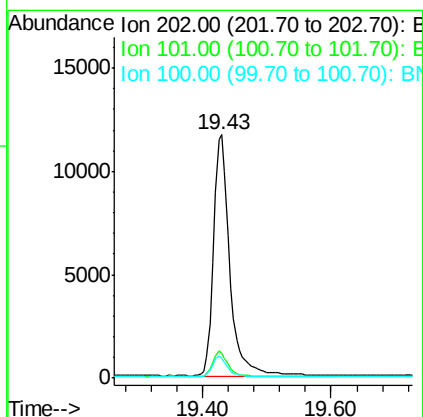
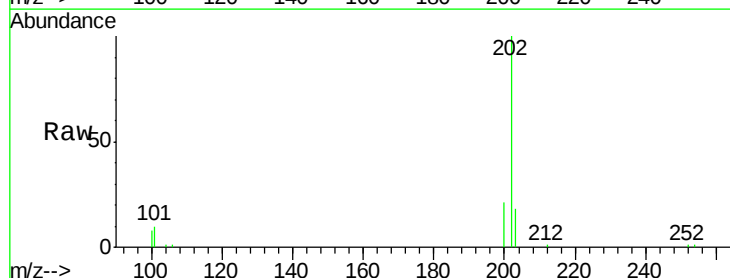
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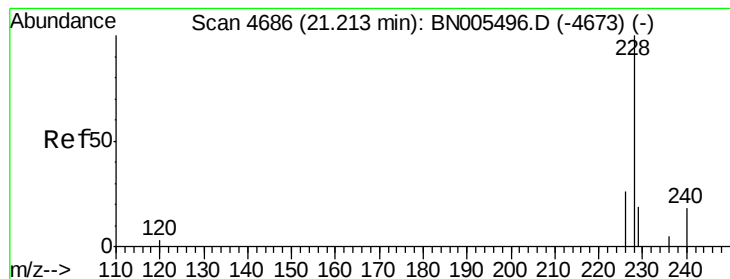
Tgt Ion:202 Resp: 19744
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.4
100 6.9 0.0 27.1



#17
Pyrene
Concen: 0.500 ng/ul
RT: 19.43 min Scan# 4212
Delta R.T. -0.01 min
Lab File: BN005527.D
Acq: 07 May 2019 21:36

Tgt Ion:202 Resp: 20578
Ion Ratio Lower Upper
202 100
101 10.1 8.5 12.7
100 8.1 6.9 10.3





#18

Benzo(a)anthracene

Concen: 0.415 ng/ul

RT: 21.21 min Scan# 4685

Delta R.T. -0.00 min

Lab File: BN005527.D

Acq: 07 May 2019 21:36

Instrument :

BNA_N

ClientSampleId :

SSTD0.468

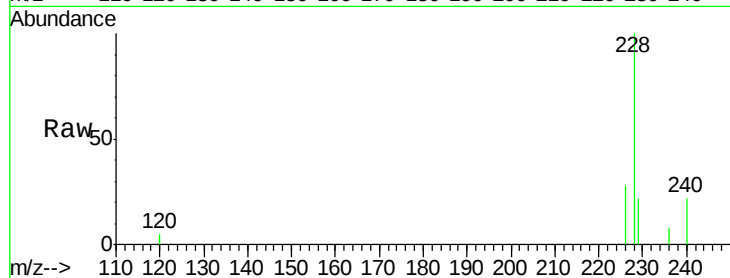
Tgt Ion:228 Resp: 15939

Ion Ratio Lower Upper

228 100

229 21.9 15.8 23.8

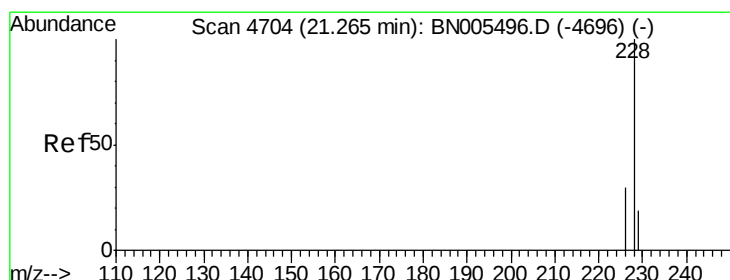
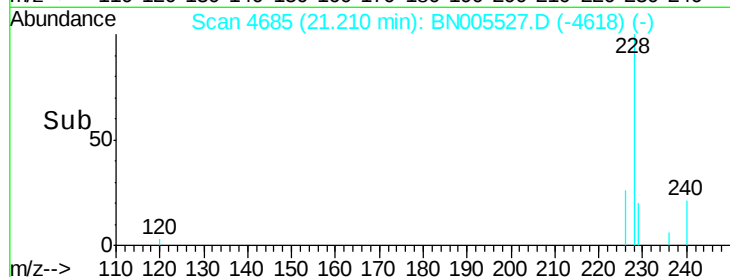
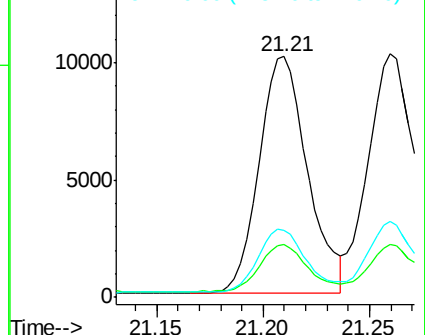
226 28.0 21.7 32.5



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: 0.389 ng/ul

RT: 21.26 min Scan# 4702

Delta R.T. -0.01 min

Lab File: BN005527.D

Acq: 07 May 2019 21:36

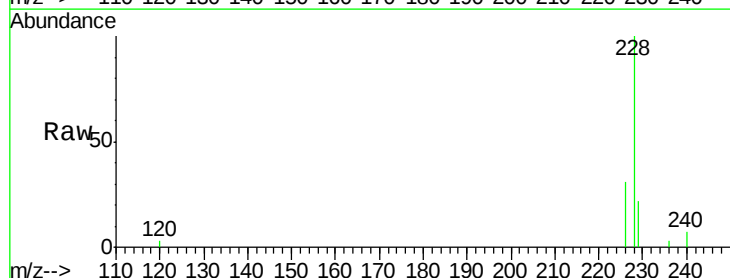
Tgt Ion:228 Resp: 18361

Ion Ratio Lower Upper

228 100

226 31.1 23.2 34.8

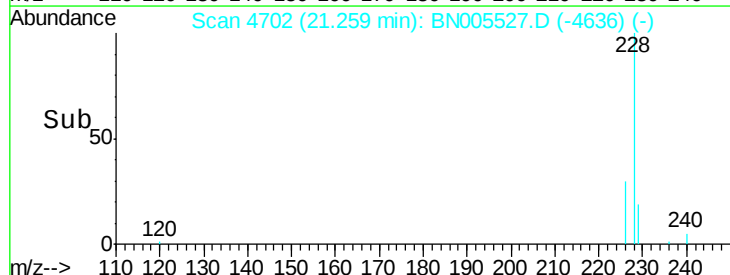
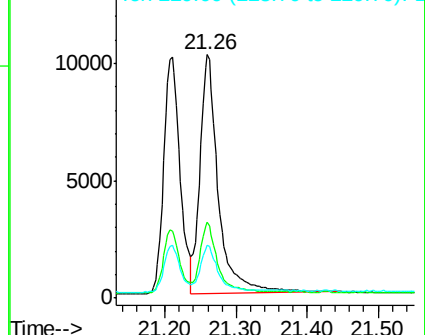
229 21.5 16.0 24.0

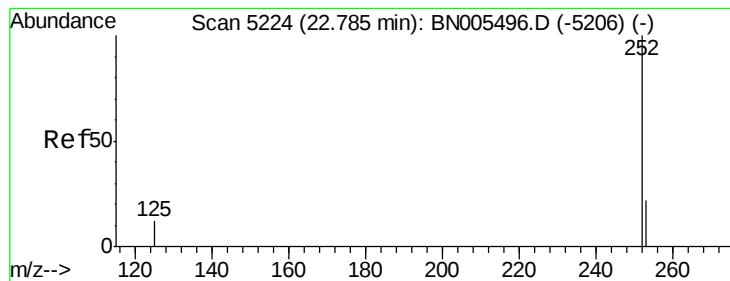


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.516 ng/ul

RT: 22.82 min Scan# 5237

Delta R.T. 0.04 min

Lab File: BN005527.D

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Instrument :

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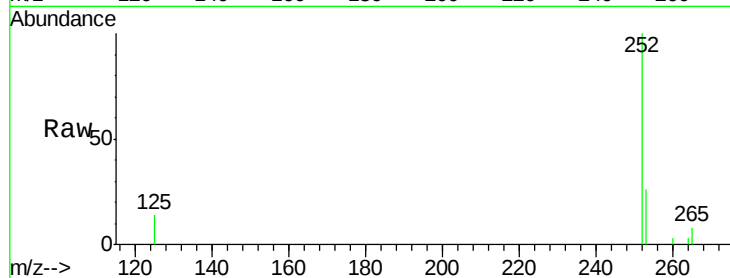
Tgt Ion:252 Resp: 15334

Ion Ratio Lower Upper

252 100

253 25.8 0.0 47.6

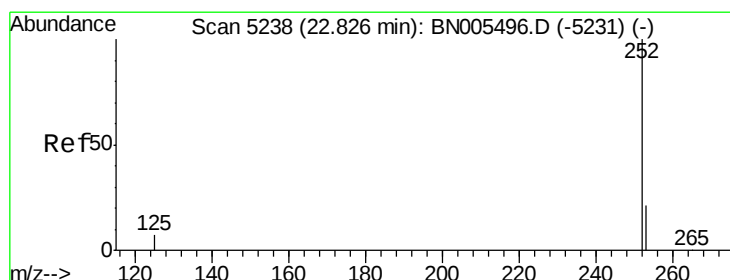
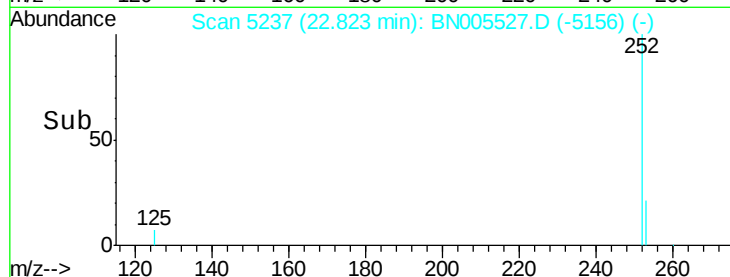
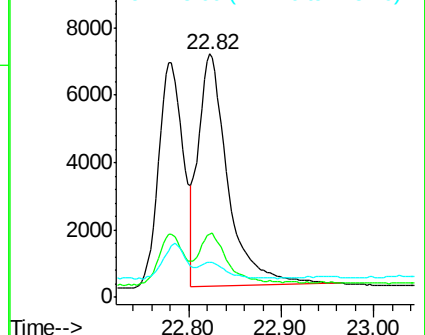
125 14.5 0.0 20.8



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: 0.410 ng/ul

RT: 22.82 min Scan# 5237

Delta R.T. -0.00 min

Lab File: BN005527.D

Acq: 07 May 2019 21:36

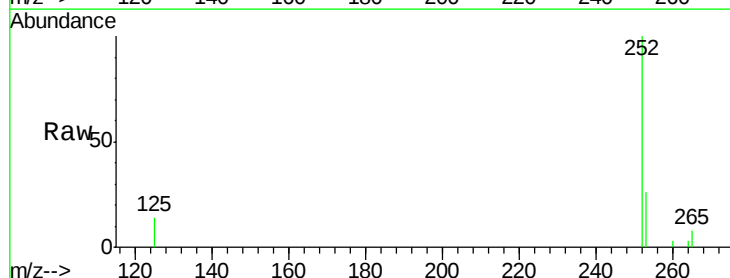
Tgt Ion:252 Resp: 15279

Ion Ratio Lower Upper

252 100

253 25.8 18.8 28.2

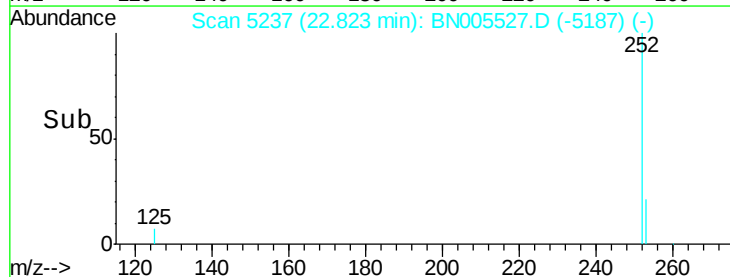
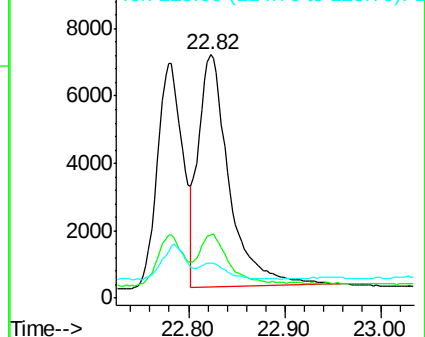
125 14.5 7.6 11.4#

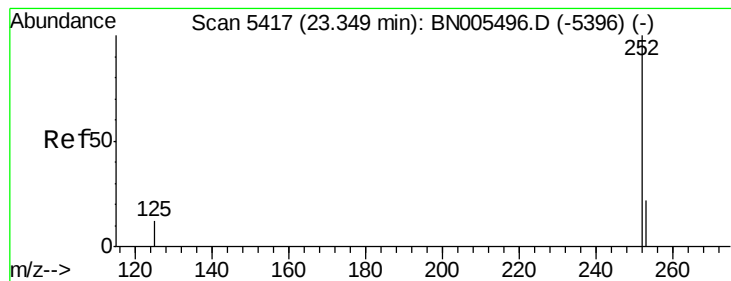


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.391 ng/ul

RT: 23.34 min Scan# 5415

Delta R.T. -0.01 min

Lab File: BN005527.D

Acq: 07 May 2019 21:36

Instrument :

BNA_N

ClientSampleId :

SSTD0.468

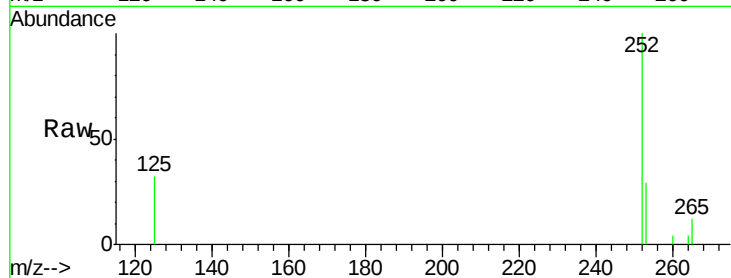
Tgt Ion:252 Resp: 12998

Ion Ratio Lower Upper

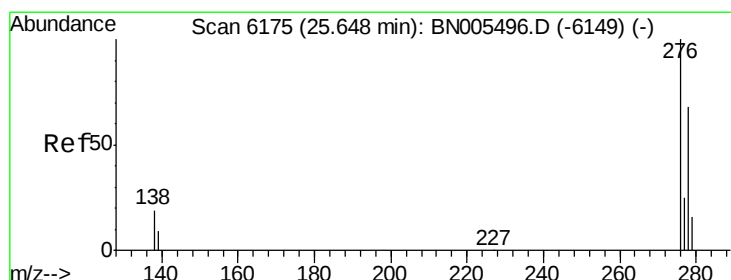
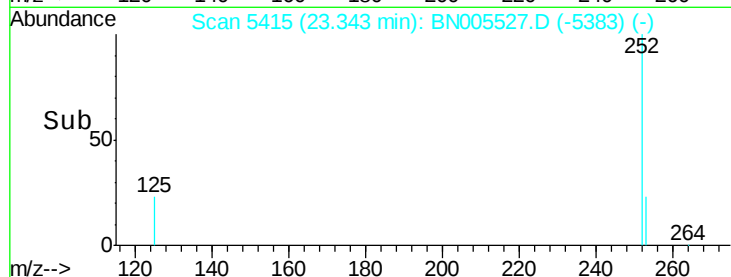
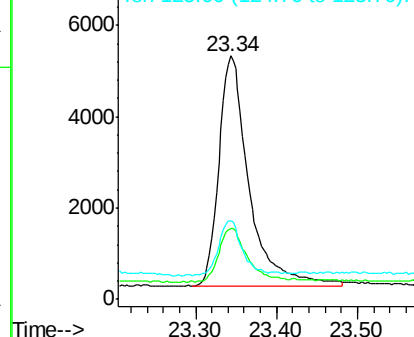
252 100

253 28.8 19.6 29.4

125 32.4 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: 0.354 ng/ul

RT: 25.63 min Scan# 6171

Delta R.T. -0.01 min

Lab File: BN005527.D

Acq: 07 May 2019 21:36

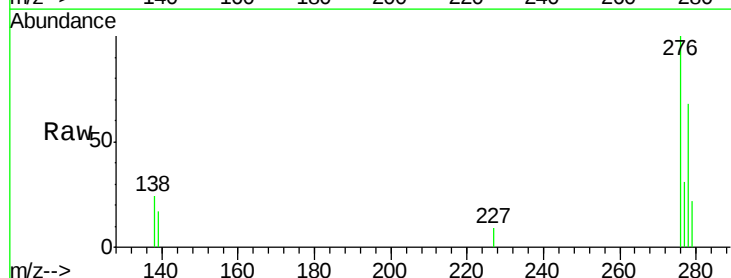
Tgt Ion:276 Resp: 13140

Ion Ratio Lower Upper

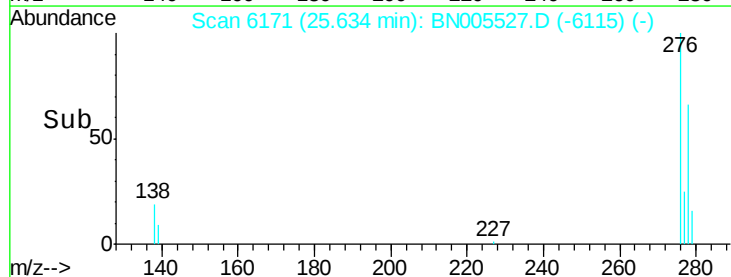
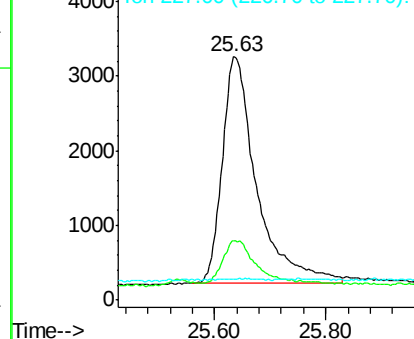
276 100

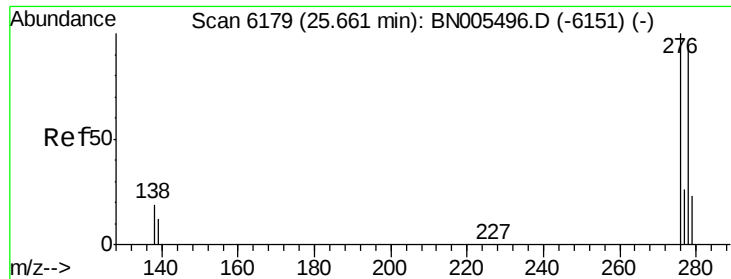
138 18.6 15.8 23.8

227 0.4 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

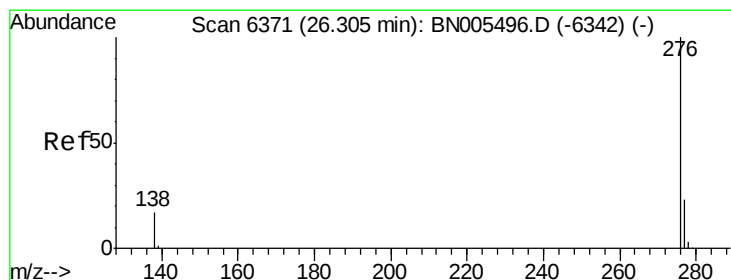
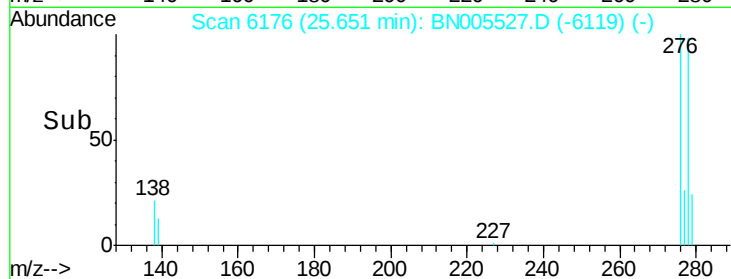
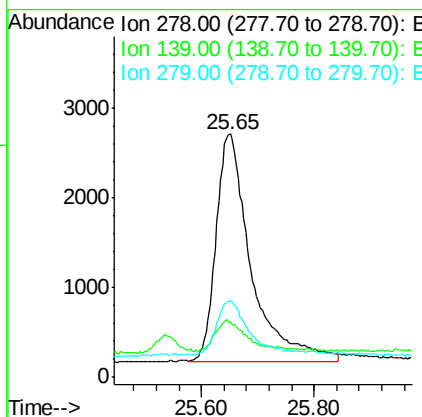
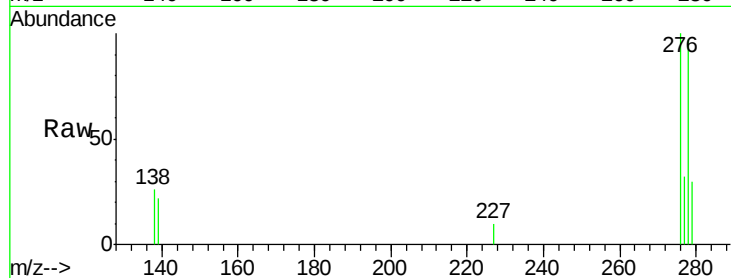




#25
Dibenzo(a,h)anthracene
Concen: 0.354 ng/ul
RT: 25.65 min Scan# 6176
Delta R.T. -0.01 min
Lab File: BN005527.D
Acq: 07 May 2019 21:36

Instrument :
BNA_N
ClientSampleId :
SSTD0.468

Tgt Ion: 278 Resp: 10883
Ion Ratio Lower Upper
278 100
139 23.0 12.4 18.6#
279 31.4 21.0 31.4



#26
Benzo(g,h,i)perylene
Concen: 0.348 ng/ul
RT: 26.29 min Scan# 6366
Delta R.T. -0.02 min
Lab File: BN005527.D
Acq: 07 May 2019 21:36

Tgt Ion: 276 Resp: 11038
Ion Ratio Lower Upper
276 100
138 23.1 15.6 23.4
277 29.8 20.6 31.0

