

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121918\
 Data File : BN004146.D
 Acq On : 20 Dec 2018 10:16
 Operator : JU/SJ
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 20 11:06:58 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 : Thu Dec 20 07:15:48 2018
 Response via : Initial Calibration

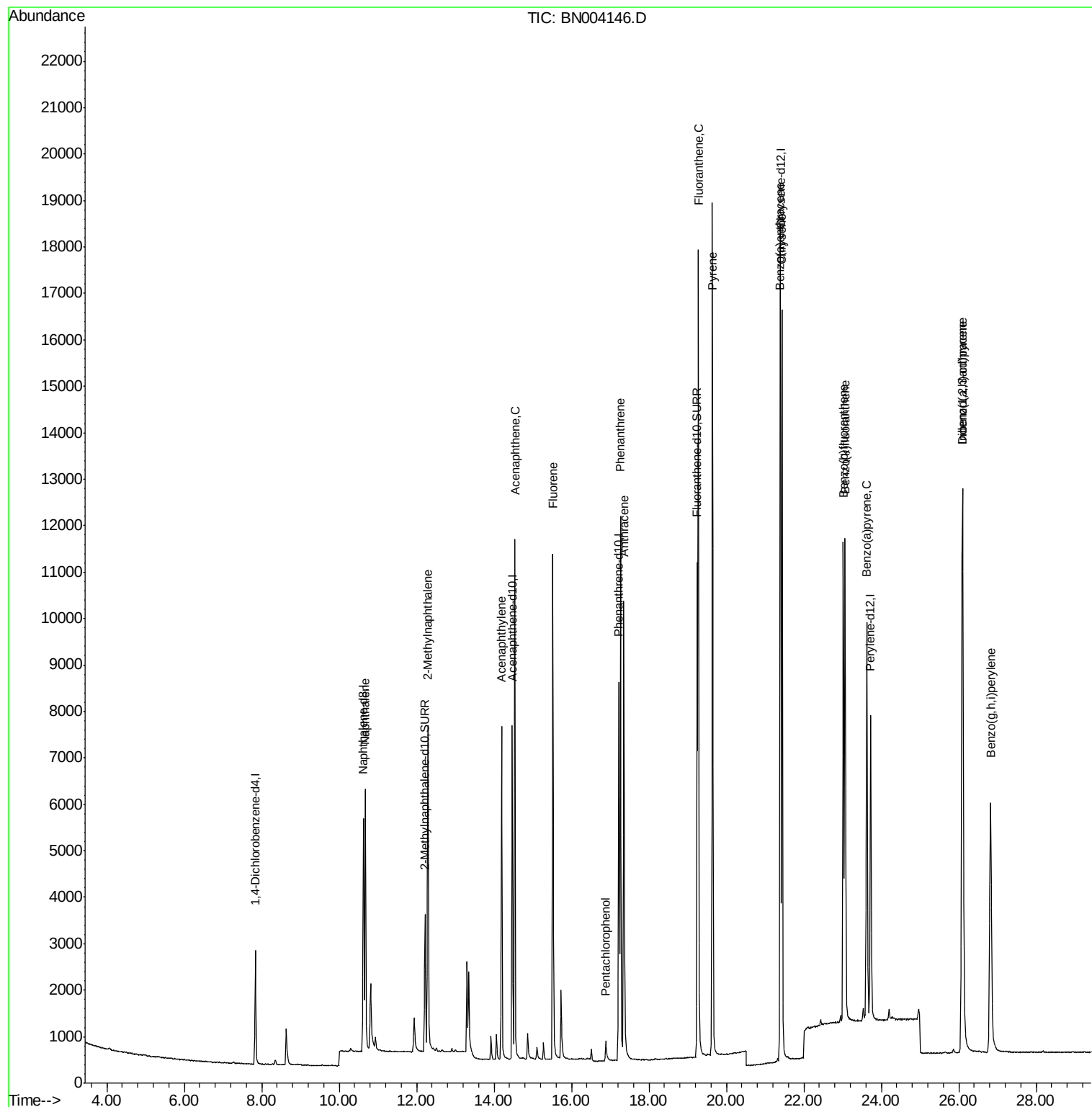
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1381	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7079	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4118	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	10171	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	10107	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	9276	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	4456	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	11951	0.40	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.68	128	7939	0.399	ng/ul	98
5) 2-Methylnaphthalene	12.29	142	5835	0.420	ng/ul	99
7) Acenaphthylene	14.19	152	8640	0.466	ng/ul	99
8) Acenaphthene	14.53	153	6644	0.409	ng/ul	100
9) Fluorene	15.52	166	7650	0.404	ng/ul	100
11) Pentachlorophenol	16.88	266	546	0.298	ng/ul	96
12) Phenanthrene	17.26	178	13261	0.397	ng/ul	99
13) Anthracene	17.35	178	12345	0.450	ng/ul	99
15) Fluoranthene	19.28	202	16017	0.406	ng/ul	97
17) Pyrene	19.64	202	15995	0.441	ng/ul	96
18) Benzo(a)anthracene	21.39	228	14331	0.449	ng/ul	98
19) Chrysene	21.44	228	14399	0.394	ng/ul	99
21) Benzo(b)fluoranthene	23.02	252	13706	0.357	ng/ul	96
22) Benzo(k)fluoranthene	23.07	252	14389	0.385	ng/ul	97
23) Benzo(a)pyrene	23.62	252	13246	0.399	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	26.09	276	15366	0.403	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.10	278	12415	0.405	ng/ul	97
26) Benzo(g,h,i)perylene	26.82	276	12921	0.390	ng/ul	95

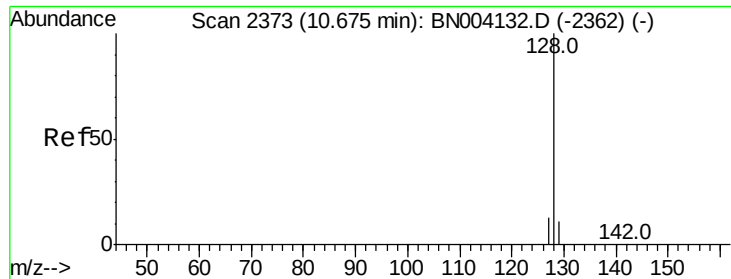
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 20 11:06:58 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 : Thu Dec 20 07:15:48 2018
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#3

Naphthalene

Concen: 0.399 ng/ul

RT: 10.68 min Scan# 2373

Delta R.T. 0.00 min

Lab File: BN004146.D

Acq: 20 Dec 2018 10:16

Instrument :

BNA_N

ClientSampleId :

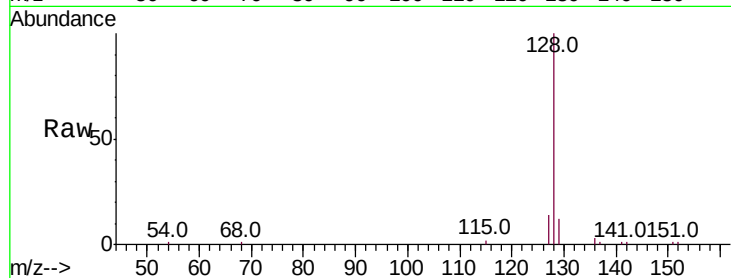
Tot Ion:128 Resp: 7939

Ion Ratio Lower Upper

128 100

129 12.1 9.0 13.6

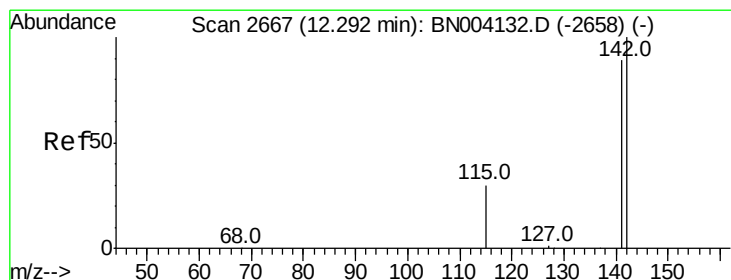
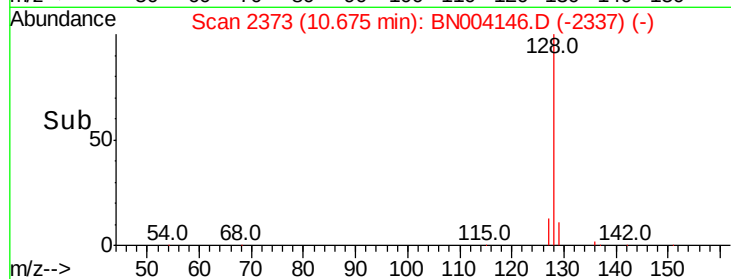
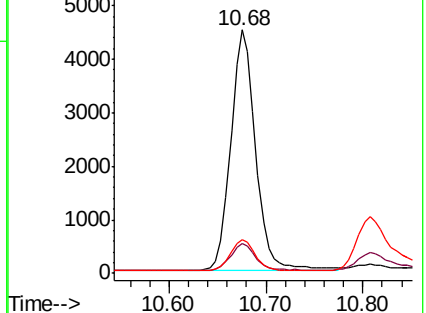
127 13.8 10.5 15.7



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: 0.420 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BN004146.D

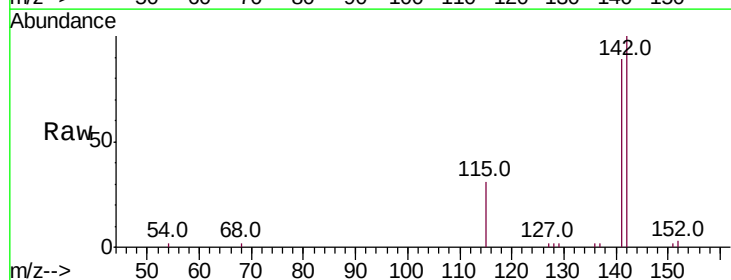
Acq: 20 Dec 2018 10:16

Tgt Ion:142 Resp: 5835

Ion Ratio Lower Upper

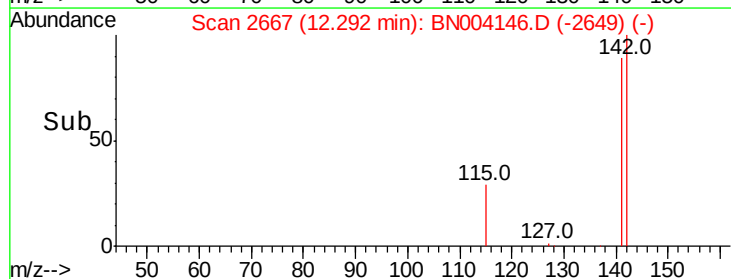
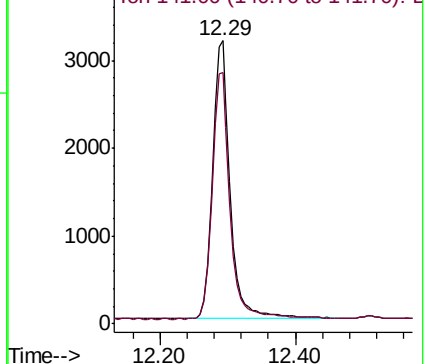
142 100

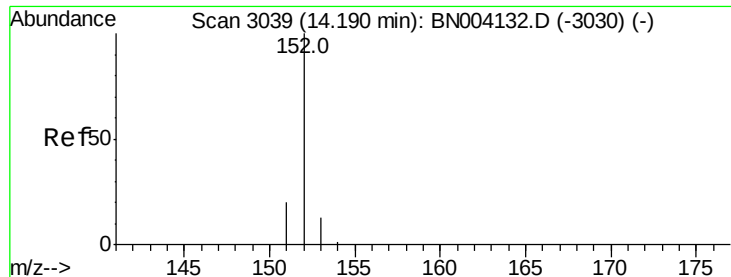
141 90.5 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.466 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. 0.00 min

Lab File: BN004146.D

Acq: 20 Dec 2018 10:16

Instrument :

BNA_N

ClientSampleId :

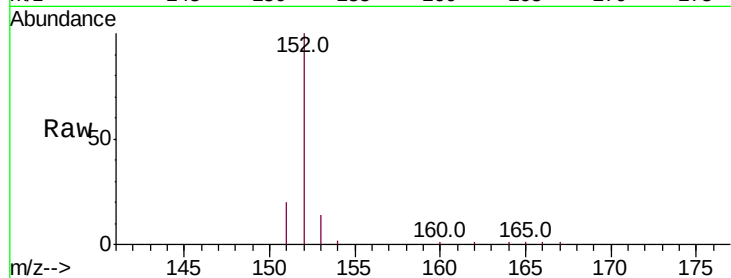
Tot Ion:152 Resp: 8640

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

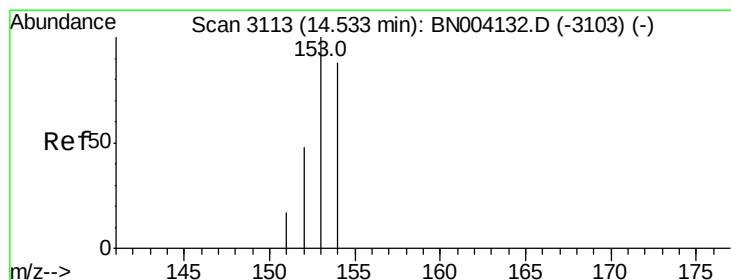
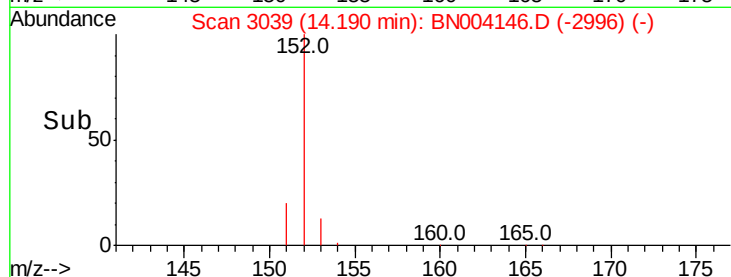
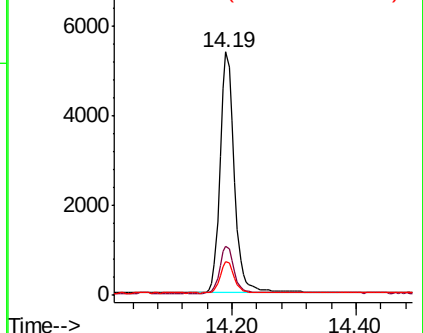
153 13.9 10.7 16.1



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: 0.409 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BN004146.D

Acq: 20 Dec 2018 10:16

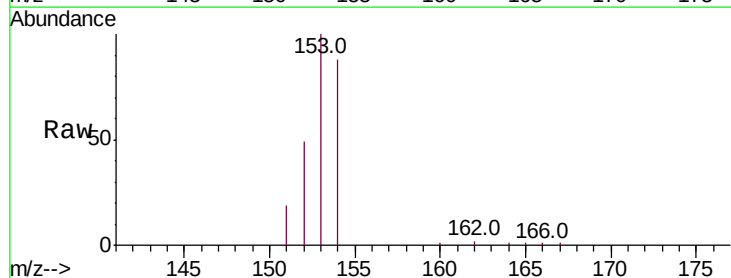
Tgt Ion:153 Resp: 6644

Ion Ratio Lower Upper

153 100

152 49.5 39.3 58.9

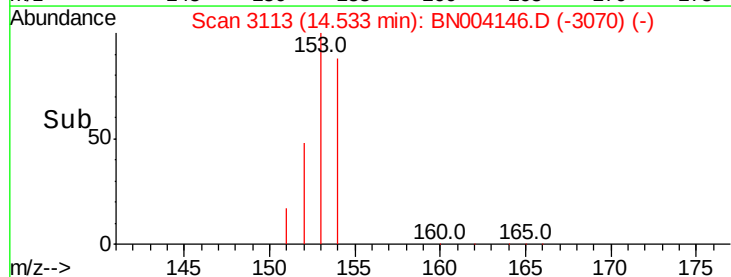
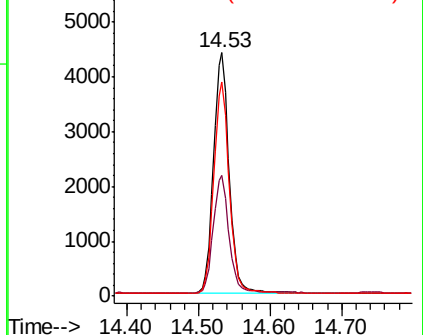
154 87.7 70.3 105.5

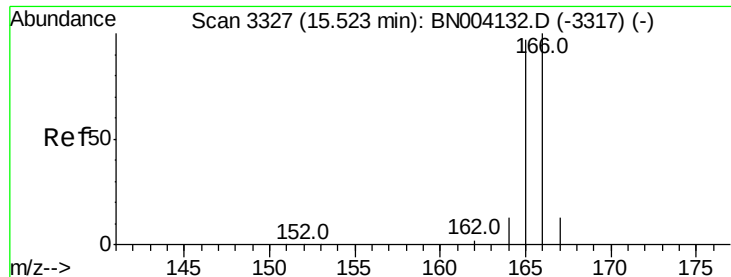


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.404 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. -0.00 min

Lab File: BN004146.D

Acq: 20 Dec 2018 10:16

Instrument :

BNA_N

ClientSampleId :

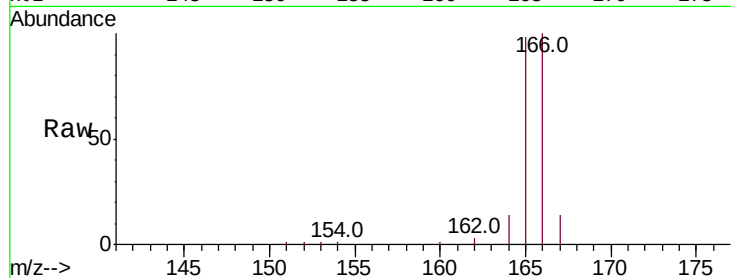
Tot Ion:166 Resp: 7650

Ion Ratio Lower Upper

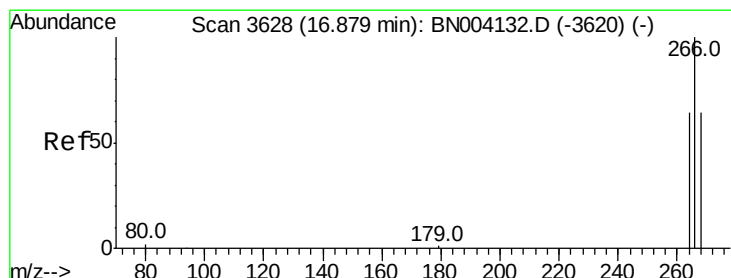
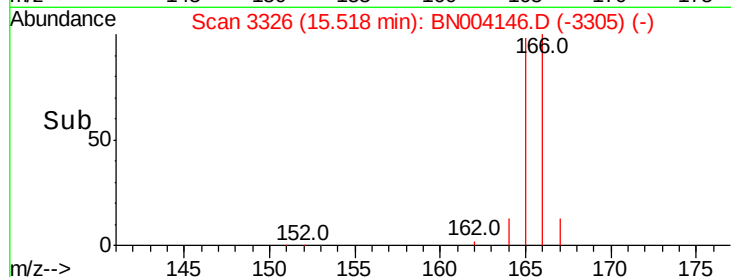
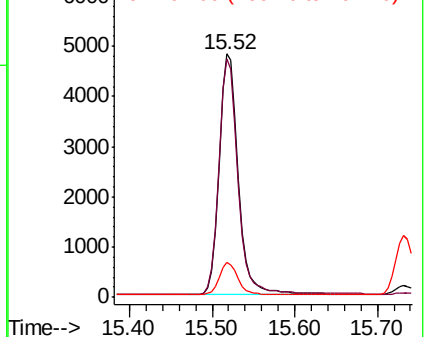
166 100

165 98.0 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: 0.298 ng/ul

RT: 16.88 min Scan# 3629

Delta R.T. 0.00 min

Lab File: BN004146.D

Acq: 20 Dec 2018 10:16

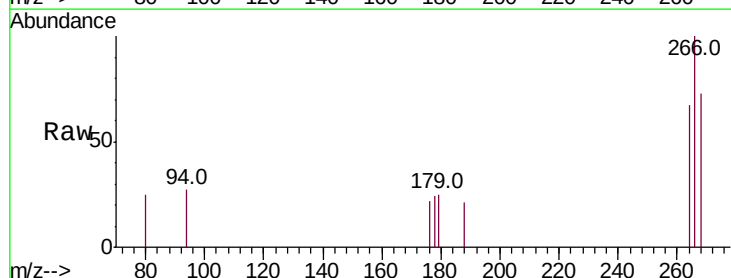
Tgt Ion:266 Resp: 546

Ion Ratio Lower Upper

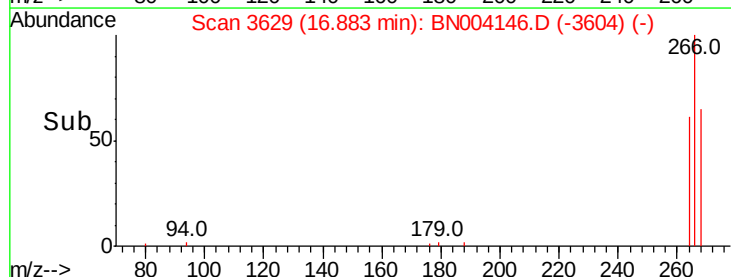
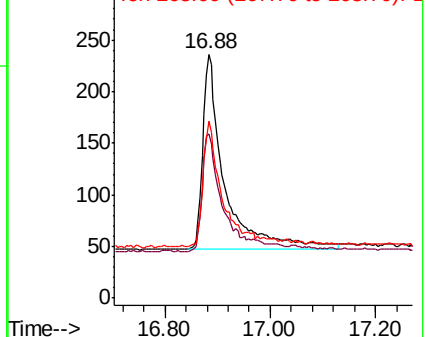
266 100

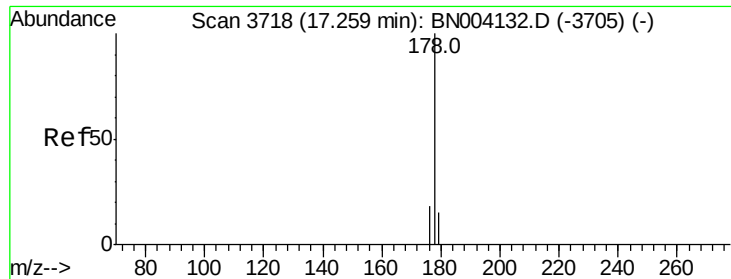
264 58.8 49.4 74.2

268 60.8 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: 0.397 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. 0.00 min

Lab File: BN004146.D

Acq: 20 Dec 2018 10:16

Instrument :

BNA_N

ClientSampleId :

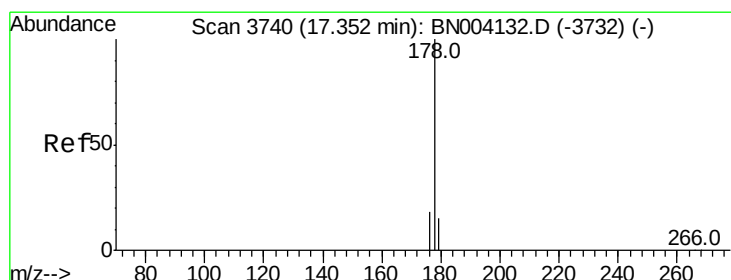
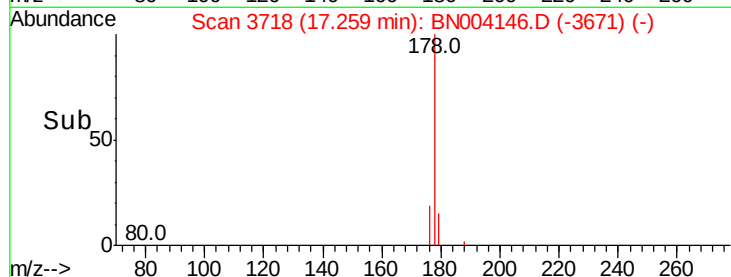
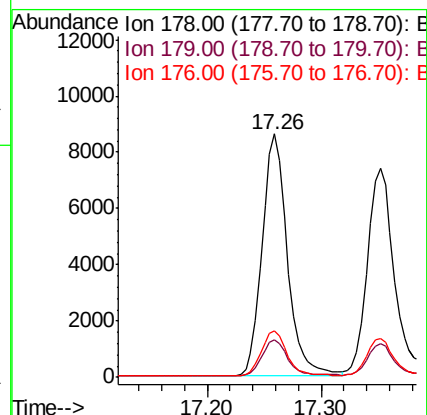
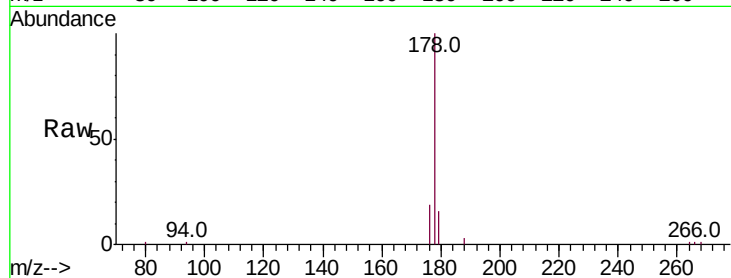
Tot Ion:178 Resp: 13261

Ion Ratio Lower Upper

178 100

179 15.7 12.5 18.7

176 19.1 15.0 22.4



#13

Anthracene

Concen: 0.450 ng/ul

RT: 17.35 min Scan# 3740

Delta R.T. 0.00 min

Lab File: BN004146.D

Acq: 20 Dec 2018 10:16

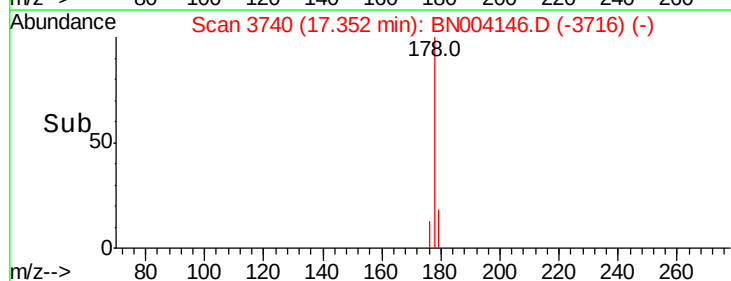
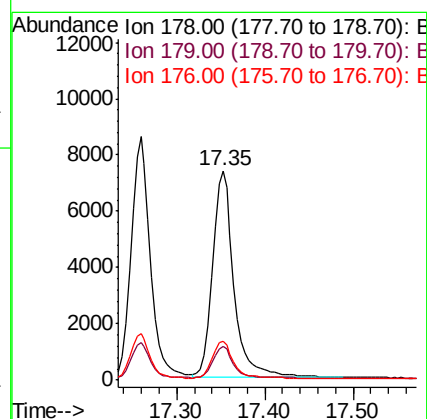
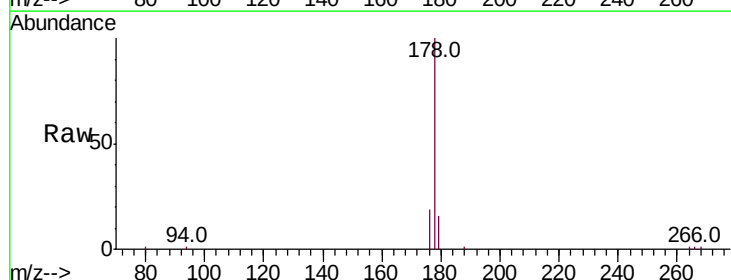
Tgt Ion:178 Resp: 12345

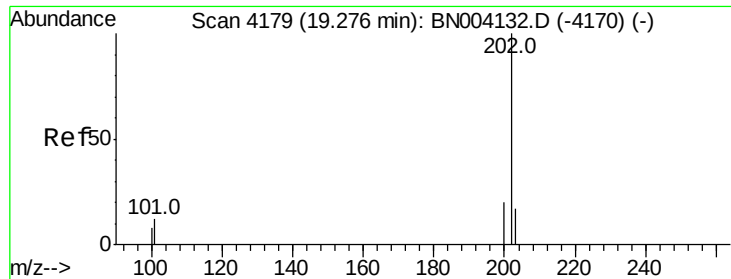
Ion Ratio Lower Upper

178 100

179 16.0 12.3 18.5

176 18.8 14.8 22.2

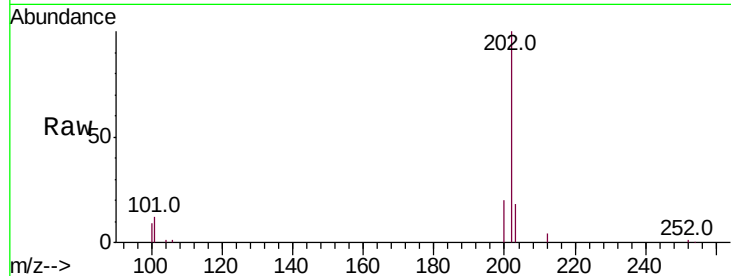




#15
 Fluoranthene
 Concen: 0.406 ng/ul
 RT: 19.28 min Scan# 4179
 Delta R.T. 0.00 min
 Lab File: BN004146.D
 Acq: 20 Dec 2018 10:16

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.7
100	9.1	0.0	28.1

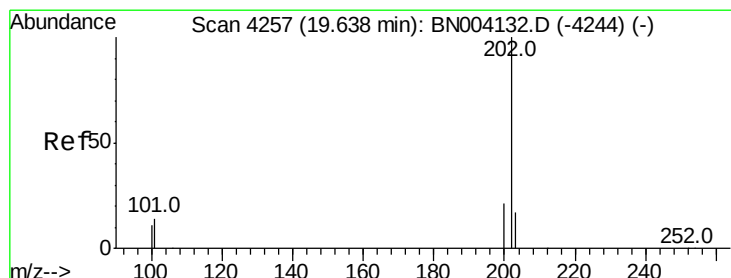
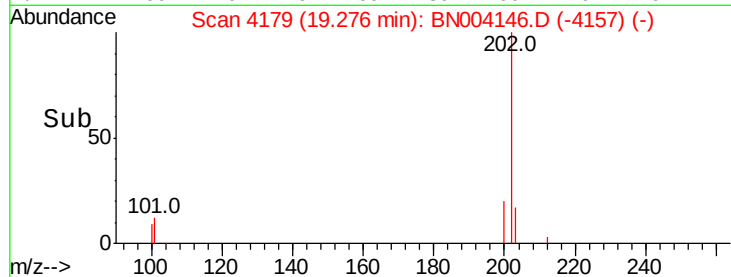
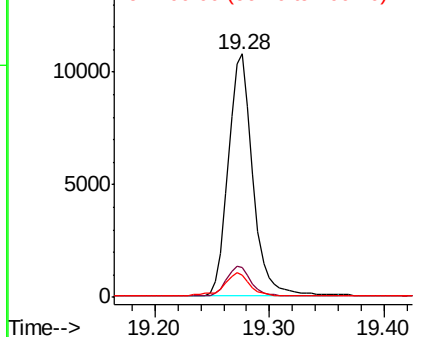


Abundance

Ion 202.00 (201.70 to 202.70): E

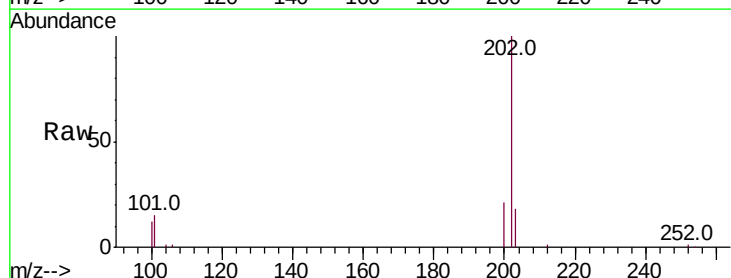
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17
 Pyrene
 Concen: 0.441 ng/ul
 RT: 19.64 min Scan# 4257
 Delta R.T. 0.00 min
 Lab File: BN004146.D
 Acq: 20 Dec 2018 10:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.9	10.3	15.5
100	11.9	8.5	12.7

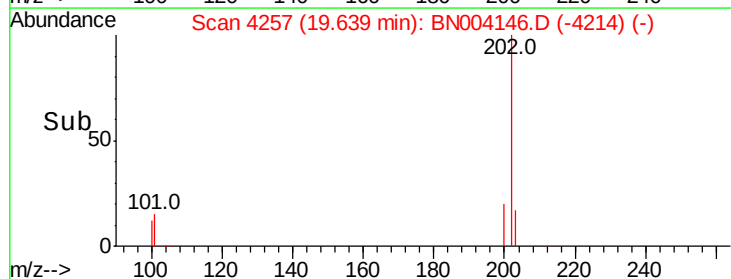
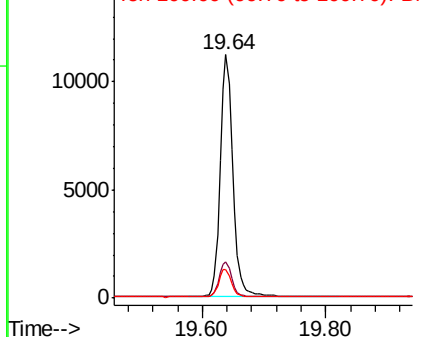


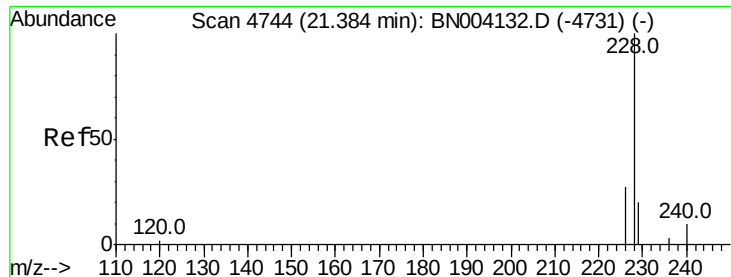
Abundance

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: 0.449 ng/ul

RT: 21.39 min Scan# 4745

Delta R.T. 0.00 min

Lab File: BN004146.D

Acq: 20 Dec 2018 10:16

Instrument :

BNA_N

ClientSampleId :

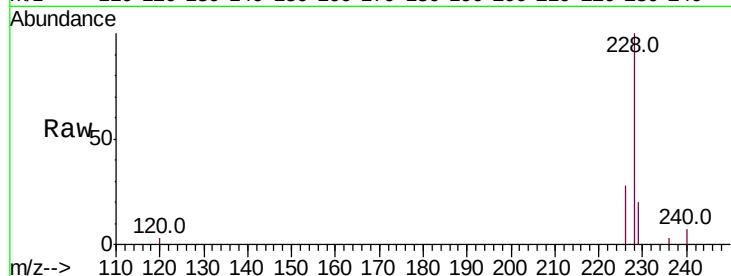
Tot Ion:228 Resp: 14331

Ion Ratio Lower Upper

228 100

229 19.7 15.6 23.4

226 27.6 21.1 31.7

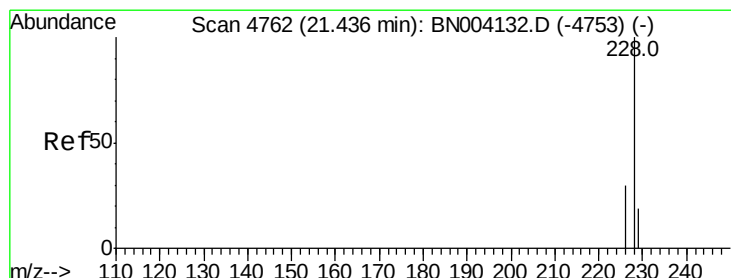
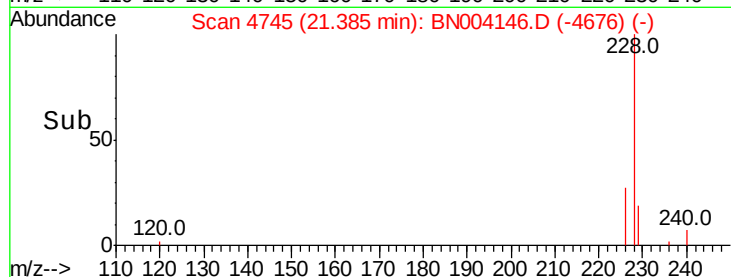
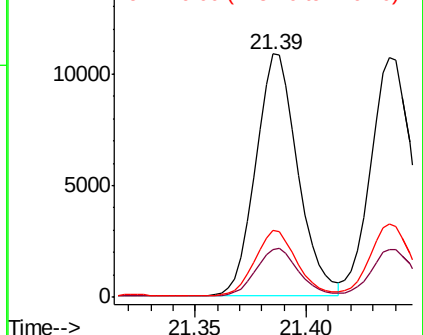


Abundance

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: 0.394 ng/ul

RT: 21.44 min Scan# 4763

Delta R.T. 0.00 min

Lab File: BN004146.D

Acq: 20 Dec 2018 10:16

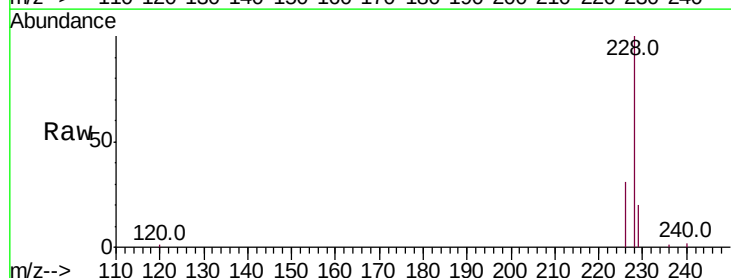
Tgt Ion:228 Resp: 14399

Ion Ratio Lower Upper

228 100

226 30.6 24.0 36.0

229 19.9 15.7 23.5

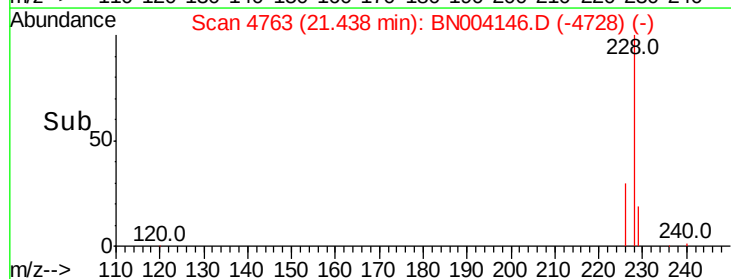
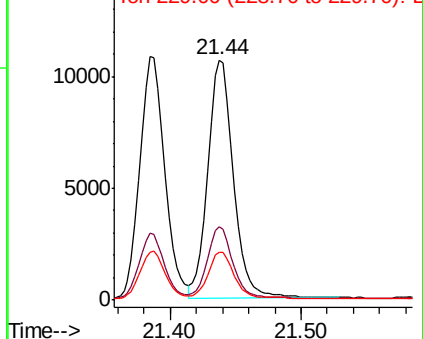


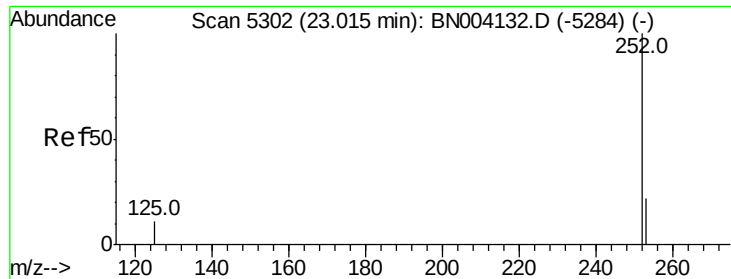
Abundance

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: 0.357 ng/ul

RT: 23.02 min Scan# 5304

Delta R.T. 0.00 min

Lab File: BN004146.D

Acq: 20 Dec 2018 10:16

Instrument :

BNA_N

ClientSampleId :

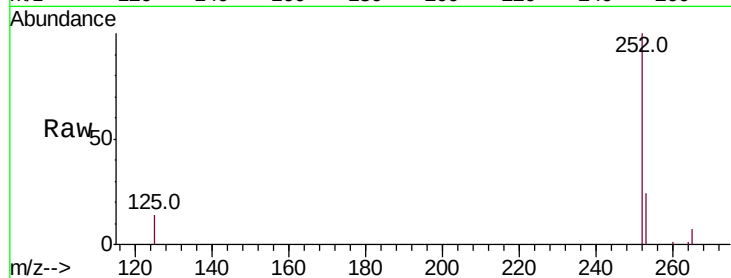
Tot Ion:252 Resp: 13706

Ion Ratio Lower Upper

252 100

253 24.1 0.0 46.0

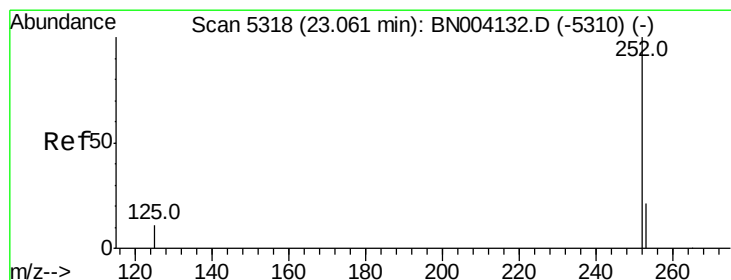
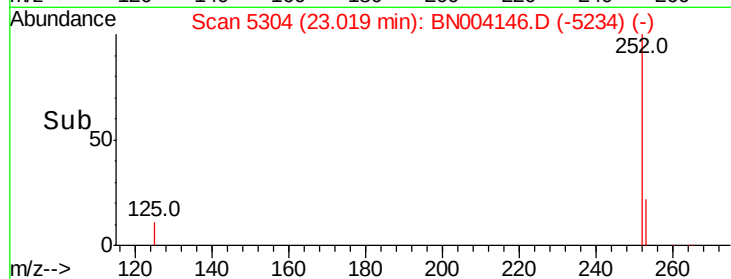
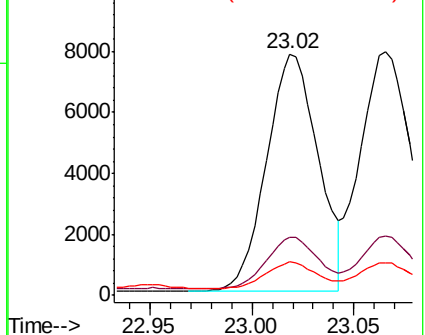
125 13.7 0.0 22.4



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: 0.385 ng/ul

RT: 23.07 min Scan# 5320

Delta R.T. 0.00 min

Lab File: BN004146.D

Acq: 20 Dec 2018 10:16

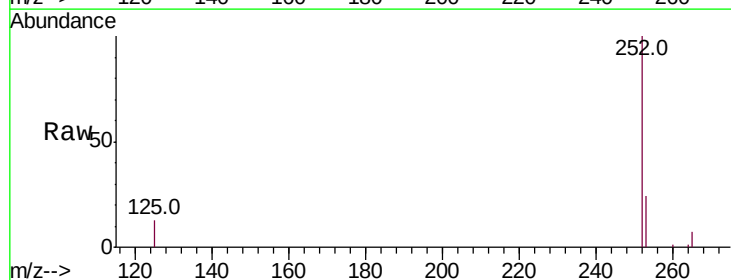
Tgt Ion:252 Resp: 14389

Ion Ratio Lower Upper

252 100

253 24.3 18.5 27.7

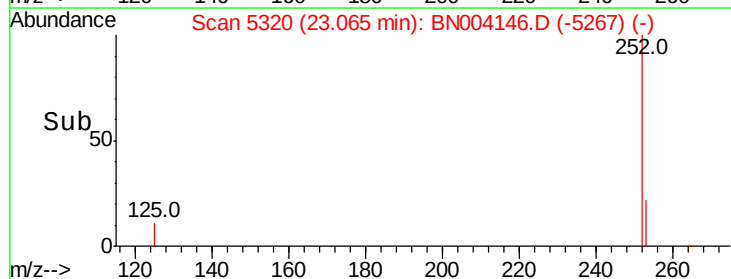
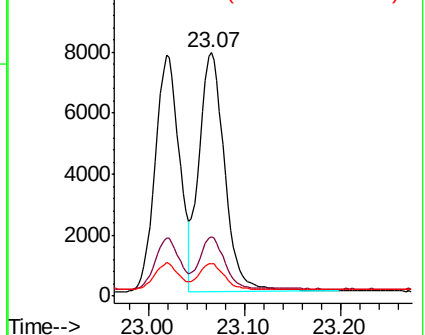
125 13.5 9.0 13.6

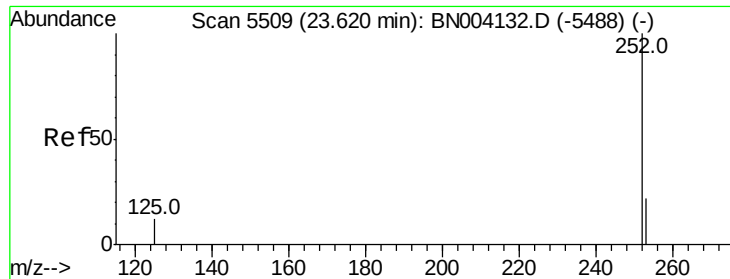


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.399 ng/ul

RT: 23.62 min Scan# 5511

Delta R.T. 0.00 min

Lab File: BN004146.D

Acq: 20 Dec 2018 10:16

Instrument :

BNA_N

ClientSampleId :

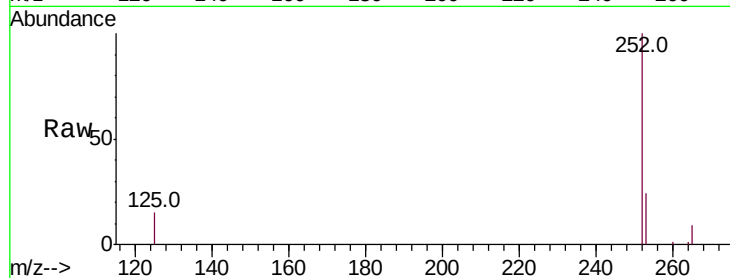
Tot Ion:252 Resp: 13246

Ion Ratio Lower Upper

252 100

253 24.5 19.0 28.4

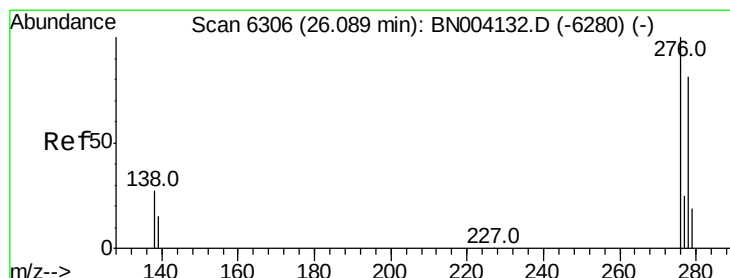
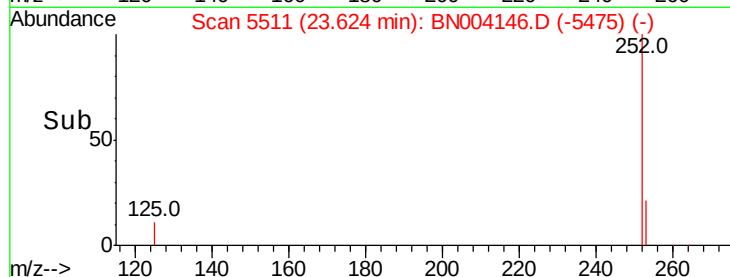
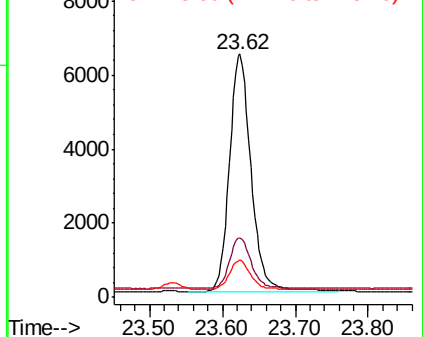
125 15.3 10.2 15.4



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: 0.403 ng/ul

RT: 26.09 min Scan# 6307

Delta R.T. 0.00 min

Lab File: BN004146.D

Acq: 20 Dec 2018 10:16

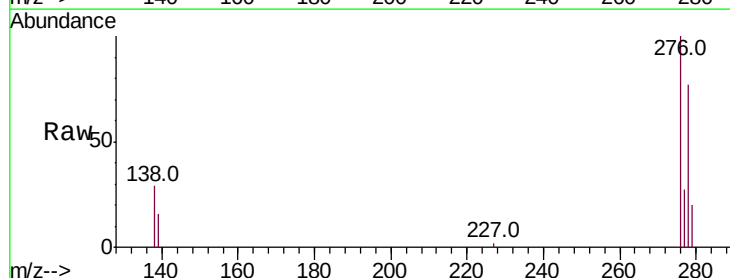
Tgt Ion:276 Resp: 15366

Ion Ratio Lower Upper

276 100

138 27.4 20.3 30.5

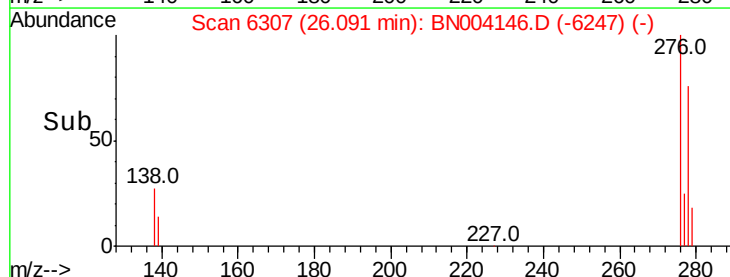
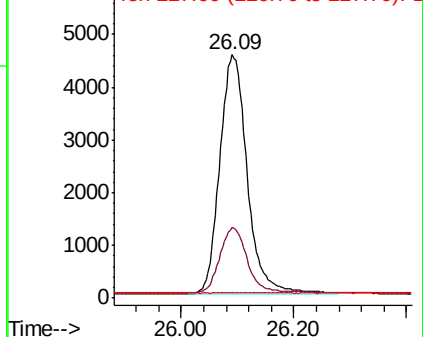
227 0.1 0.2 0.2#

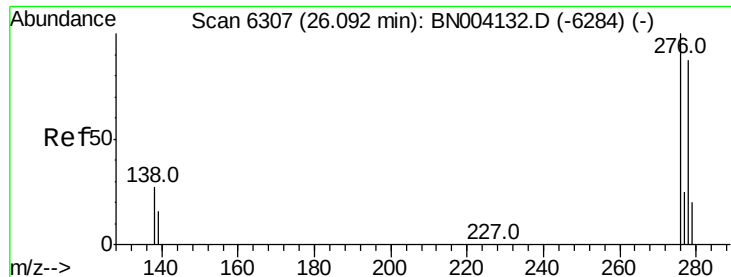


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.405 ng/ul

RT: 26.10 min Scan# 6309

Delta R.T. 0.01 min

Lab File: BN004146.D

Acq: 20 Dec 2018 10:16

Instrument :

BNA_N

ClientSampleId :

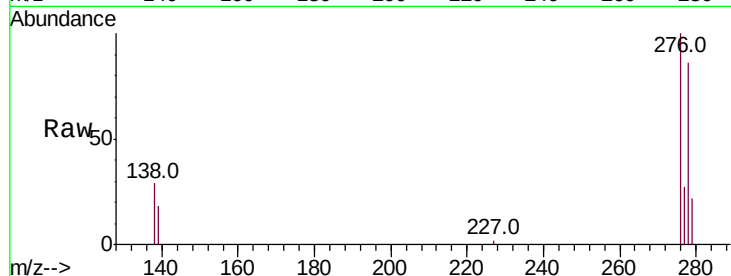
Tot Ion:278 Resp: 12415

Ion Ratio Lower Upper

278 100

139 20.6 14.2 21.4

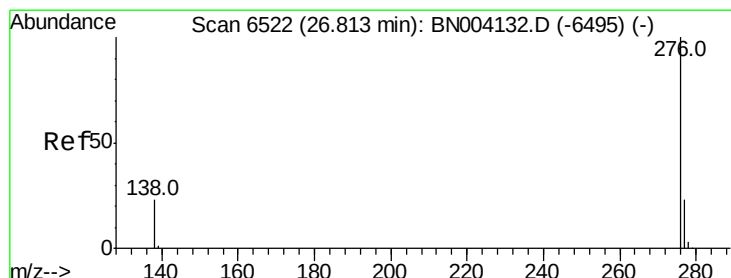
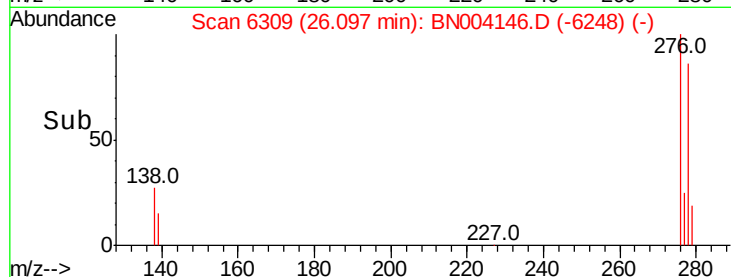
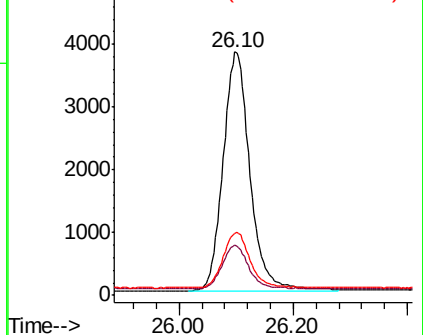
279 25.3 19.8 29.6



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: 0.390 ng/ul

RT: 26.82 min Scan# 6525

Delta R.T. 0.01 min

Lab File: BN004146.D

Acq: 20 Dec 2018 10:16

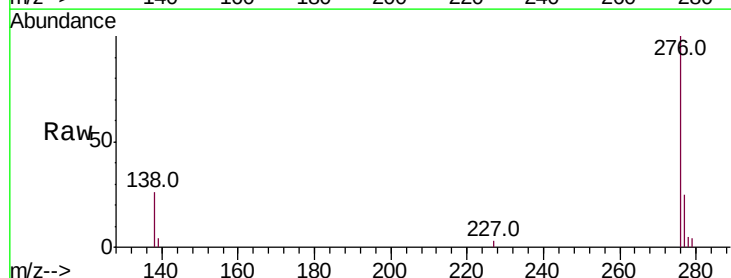
Tgt Ion:276 Resp: 12921

Ion Ratio Lower Upper

276 100

138 25.5 17.7 26.5

277 25.5 19.3 28.9



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

