

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008216.D
 Acq On : 17 Oct 2019 11:23
 Operator : JU
 Sample : K5175-16DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 18 01:58:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 17 01:48:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2802	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	13209	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8488	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.99
16) Chrysene-d12	21.19	240	20322	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	14789	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	729	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	2165	0.00	ng/ul	0.00

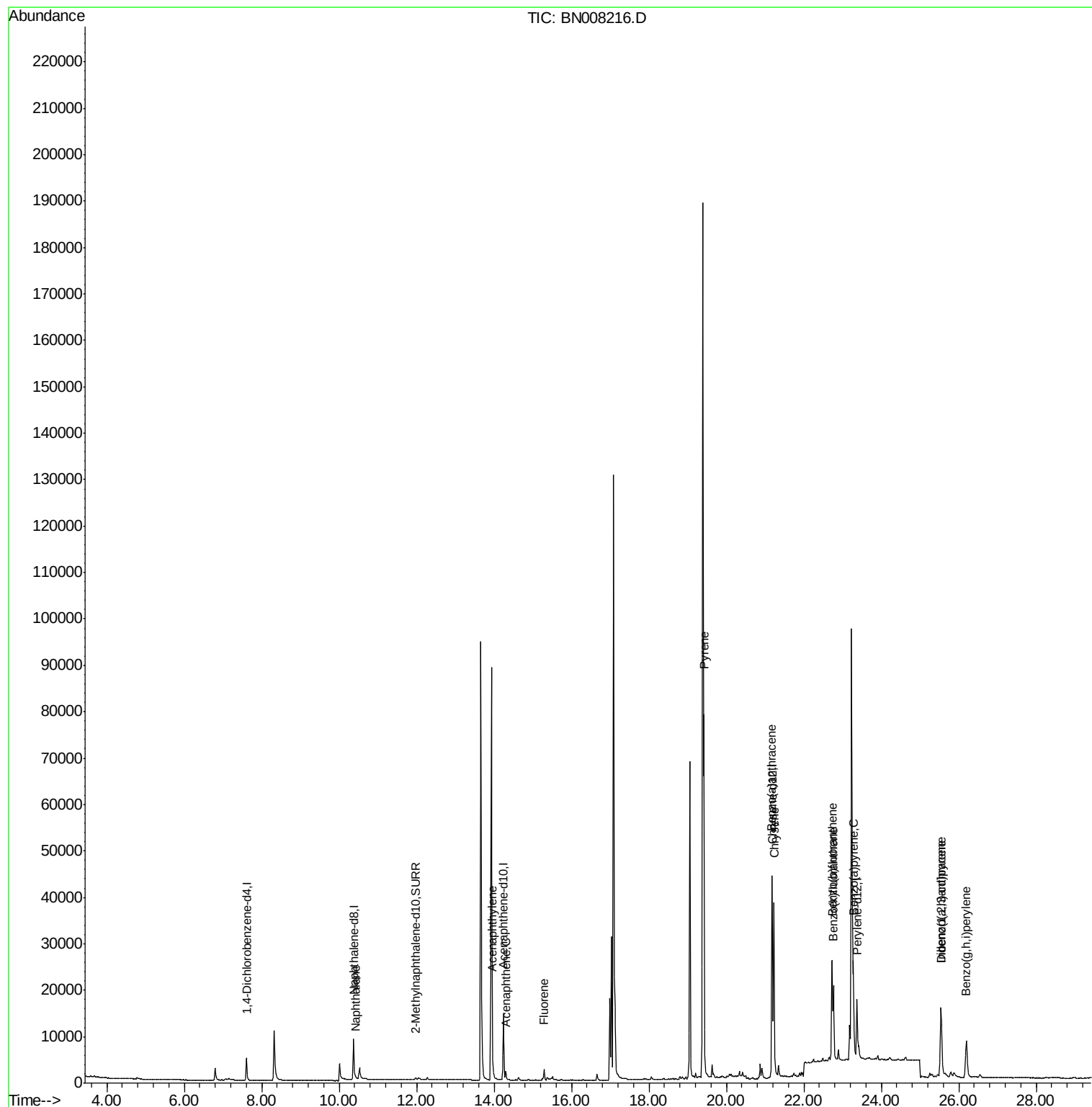
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	834	0.022	ng/ul#	77
7) Acenaphthylene	13.96	152	1340	0.033	ng/ul#	86
8) Acenaphthene	14.30	153	1080	0.034	ng/ul	95
9) Fluorene	15.30	166	1536	0.043	ng/ul#	96
17) Pyrene	19.42	202	63220	0.781	ng/ul	99
18) Benzo(a)anthracene	21.18	228	37696	0.510	ng/ul	98
19) Chrysene	21.23	228	37949	0.419	ng/ul	99
21) Benzo(b)fluoranthene	22.72	252	30925	0.642	ng/ul	97
22) Benzo(k)fluoranthene	22.76	252	20056	0.368	ng/ul	99
23) Benzo(a)pyrene	23.28	252	24743	0.488	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.54	276	20514	0.344	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.55	278	12209	0.259	ng/ul	97
26) Benzo(g,h,i)perylene	26.20	276	17652	0.323	ng/ul	98

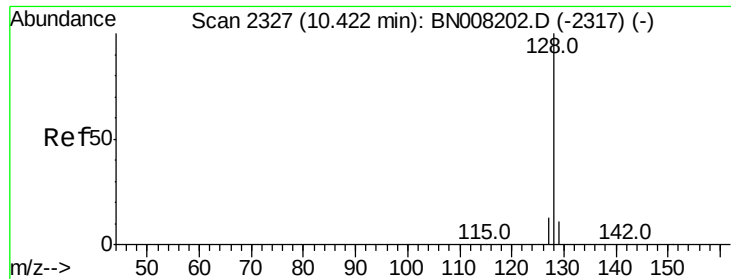
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.022 ng/ul

RT: 10.42 min Scan# 2327

Delta R.T. 0.00 min

Lab File: BN008216.D

Acq: 17 Oct 2019 11:23

Instrument :

BNA_N

ClientSampleId :

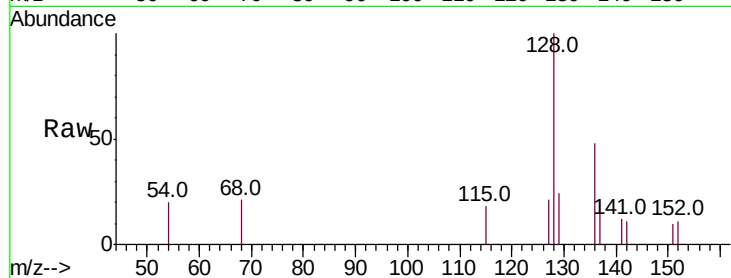
Tot Ion:128 Resp: 834

Ion Ratio Lower Upper

128 100

129 23.6 9.8 14.8#

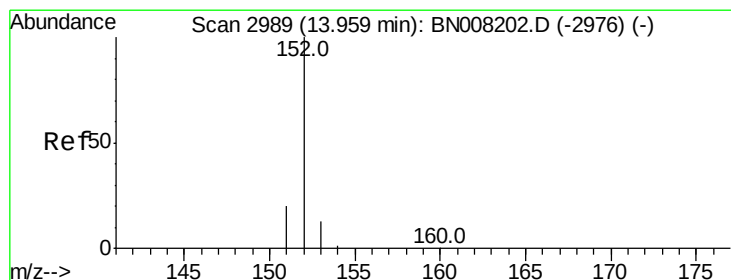
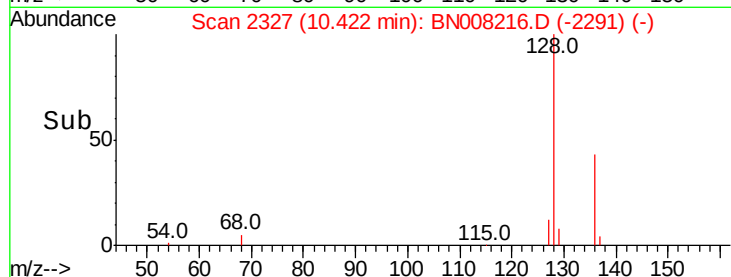
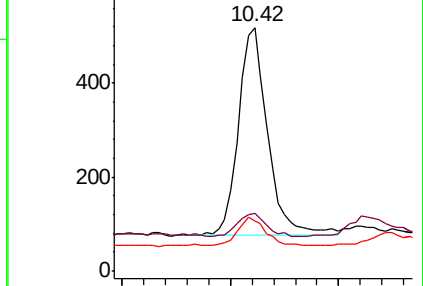
127 20.8 11.1 16.7#



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



#7

Acenaphthylene

Concen: 0.033 ng/ul

RT: 13.96 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BN008216.D

Acq: 17 Oct 2019 11:23

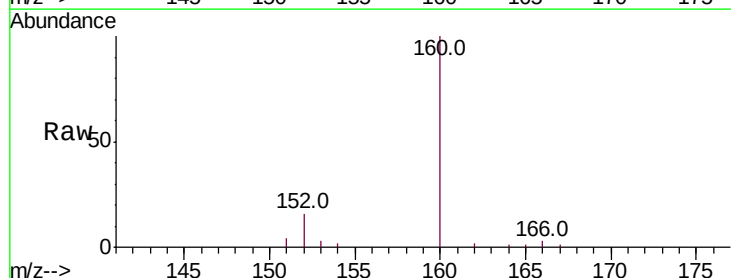
Tgt Ion:152 Resp: 1340

Ion Ratio Lower Upper

152 100

151 25.8 16.2 24.4#

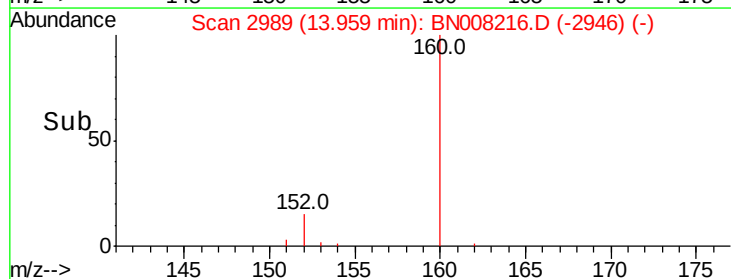
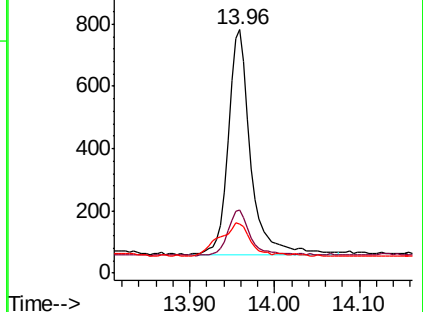
153 20.5 11.0 16.4#

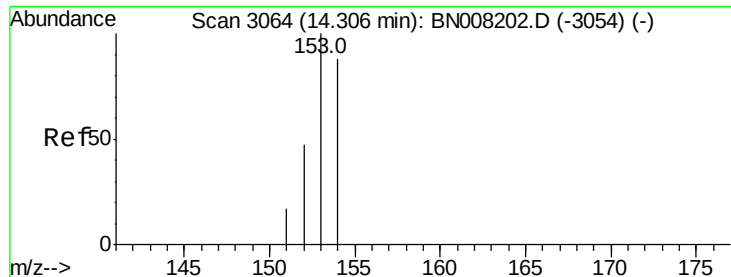


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.034 ng/ul

RT: 14.30 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BN008216.D

Acq: 17 Oct 2019 11:23

Instrument :

BNA_N

ClientSampleId :

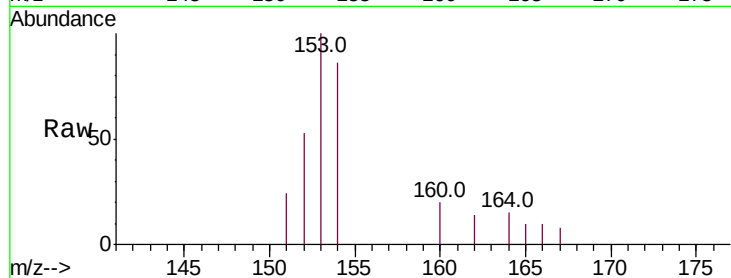
Tot Ion:153 Resp: 1080

Ion Ratio Lower Upper

153 100

152 53.1 38.2 57.2

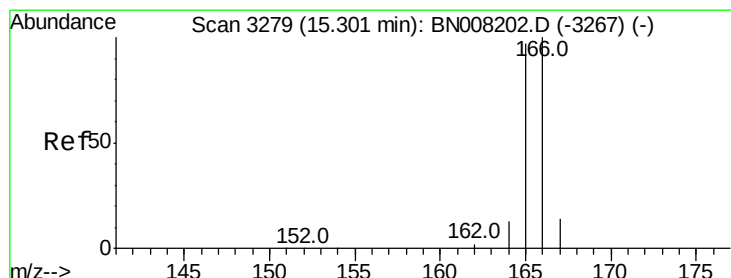
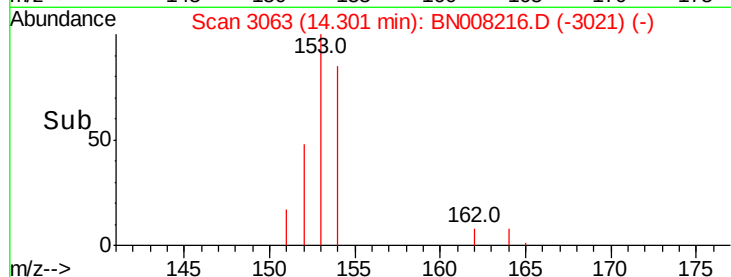
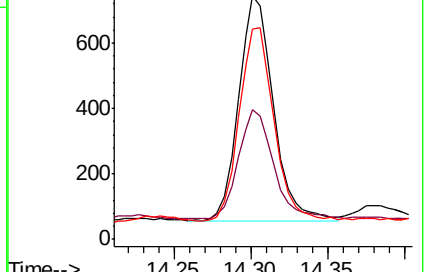
154 86.4 71.8 107.8



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: 0.043 ng/ul

RT: 15.30 min Scan# 3278

Delta R.T. -0.00 min

Lab File: BN008216.D

Acq: 17 Oct 2019 11:23

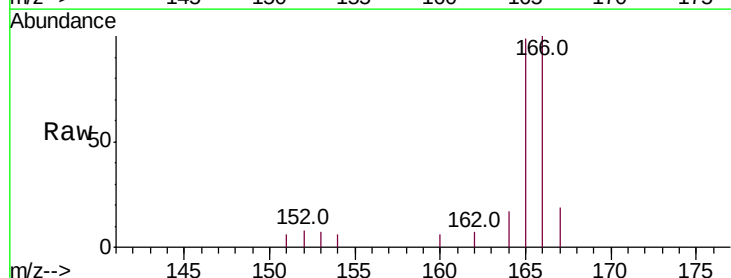
Tgt Ion:166 Resp: 1536

Ion Ratio Lower Upper

166 100

165 98.5 76.6 115.0

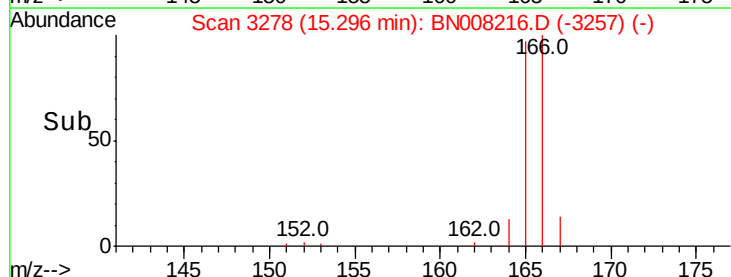
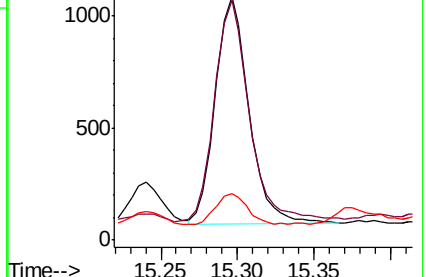
167 19.2 11.7 17.5#

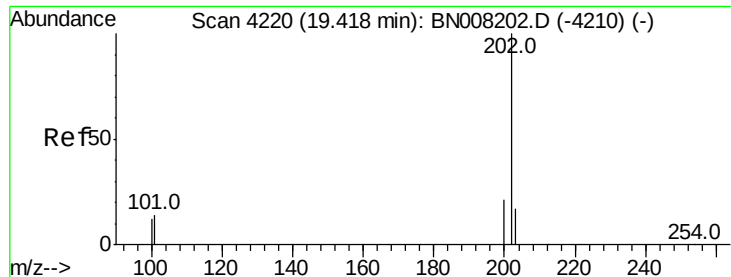


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#17

Pvrene

Concen: 0.781 ng/ul

RT: 19.42 min Scan# 4220

Delta R.T. 0.00 min

Lab File: BN008216.D

Acq: 17 Oct 2019 11:23

Instrument :

BNA_N

ClientSampled :

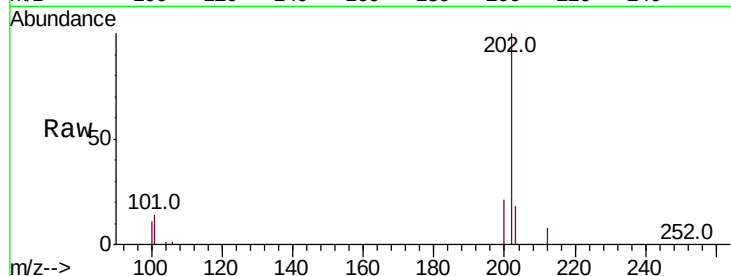
Tot Ion:202 Resp: 63220

Ion Ratio Lower Upper

202 100

101 14.1 10.9 16.3

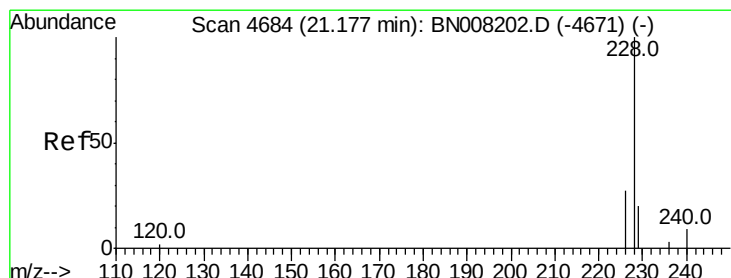
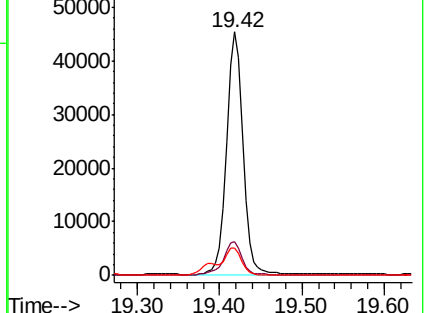
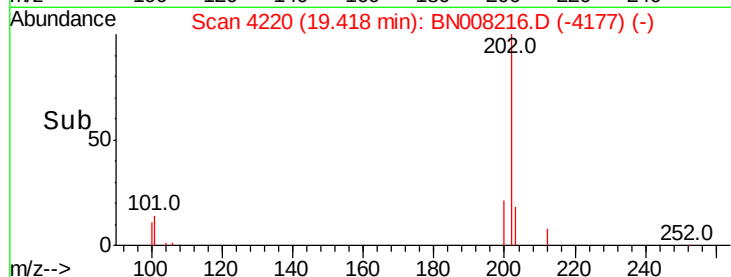
100 11.4 8.7 13.1



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



#18

Benzo(a)anthracene

Concen: 0.510 ng/ul

RT: 21.18 min Scan# 4684

Delta R.T. 0.00 min

Lab File: BN008216.D

Acq: 17 Oct 2019 11:23

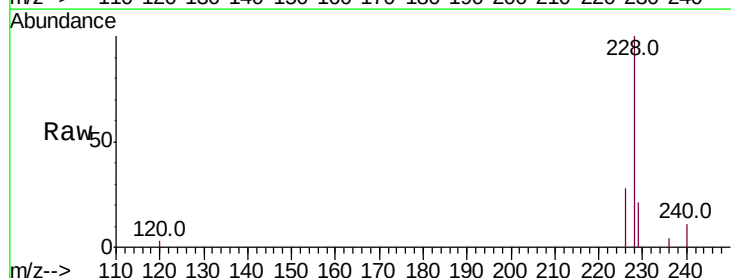
Tgt Ion:228 Resp: 37696

Ion Ratio Lower Upper

228 100

229 20.7 16.2 24.2

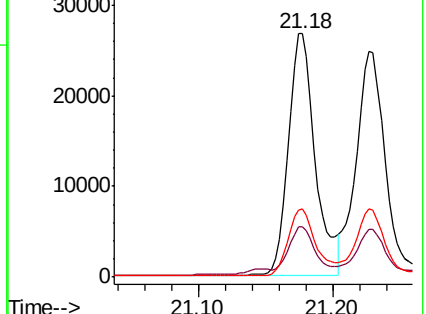
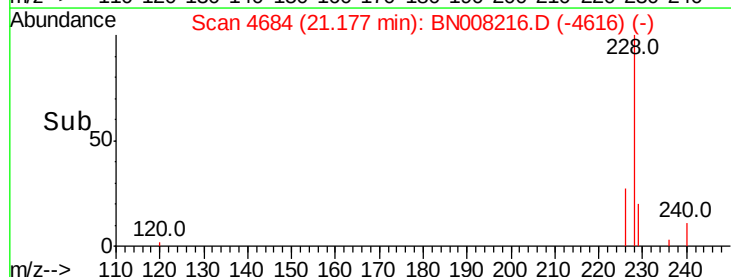
226 27.8 21.4 32.0

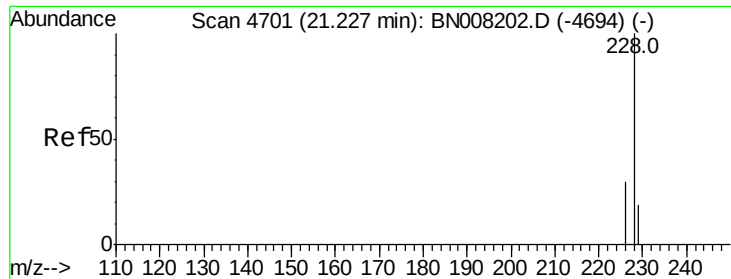


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

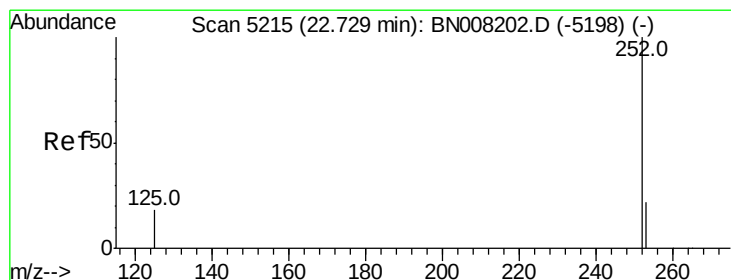
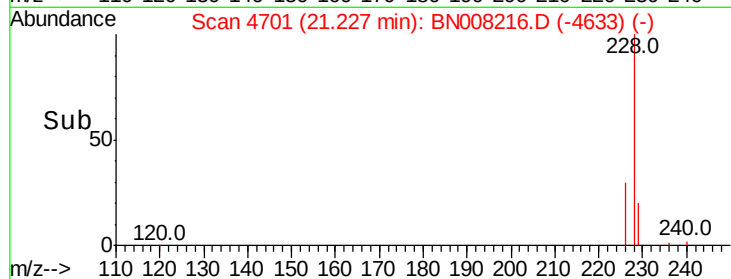
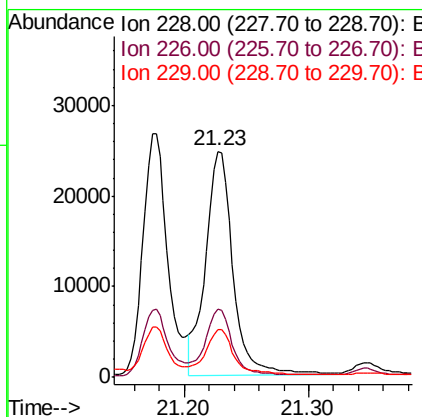
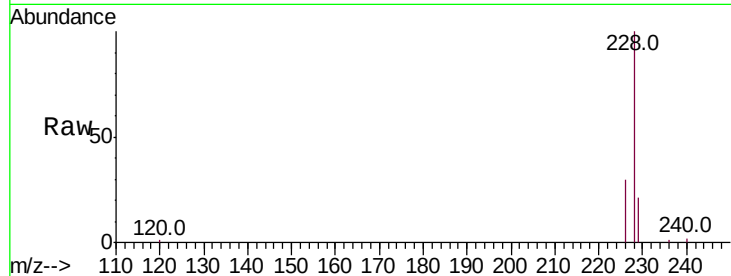




#19
Chrysene
Concen: 0.419 ng/ul
RT: 21.23 min Scan# 4701
Delta R.T. 0.00 min
Lab File: BN008216.D
Acq: 17 Oct 2019 11:23

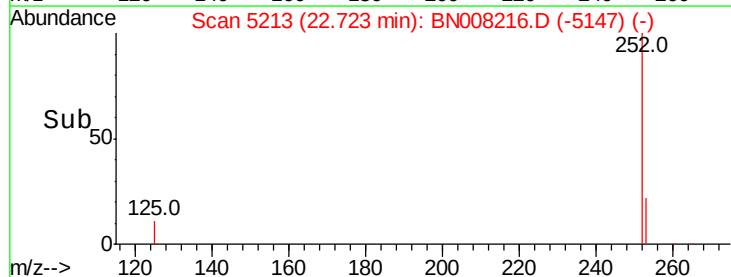
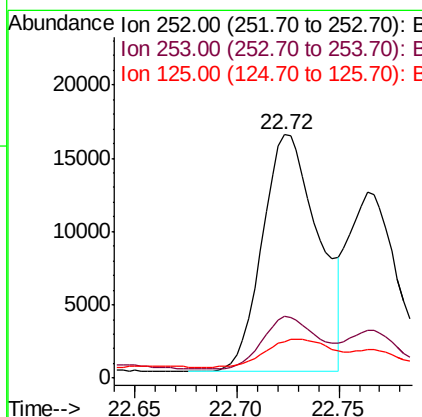
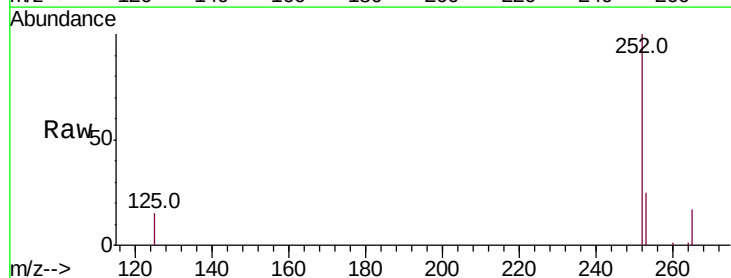
Instrument :
BNA_N
ClientSampleId :

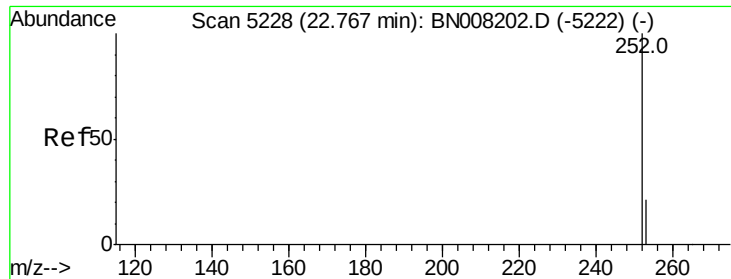
Tot Ion:228 Resp: 37949
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 21.1 16.2 24.2



#21
Benzo(b)fluoranthene
Concen: 0.642 ng/ul
RT: 22.72 min Scan# 5213
Delta R.T. -0.01 min
Lab File: BN008216.D
Acq: 17 Oct 2019 11:23

Tgt Ion:252 Resp: 30925
Ion Ratio Lower Upper
252 100
253 25.3 0.0 53.4
125 14.9 0.0 32.4





#22

Benzo(k)fluoranthene

Concen: 0.368 ng/ul

RT: 22.76 min Scan# 5227

Delta R.T. -0.00 min

Lab File: BN008216.D

Acq: 17 Oct 2019 11:23

Instrument :

BNA_N

ClientSampleId :

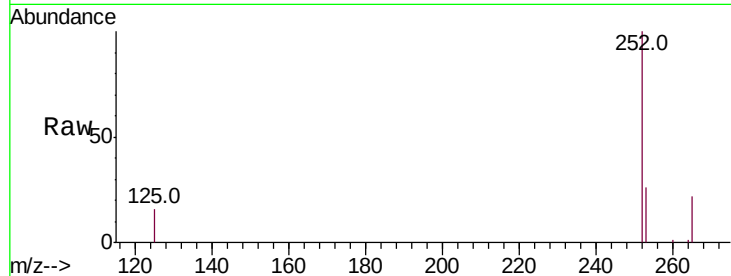
Tot Ion:252 Resp: 20056

Ion Ratio Lower Upper

252 100

253 25.9 21.3 31.9

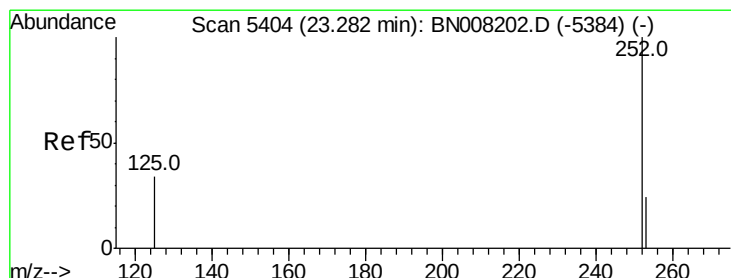
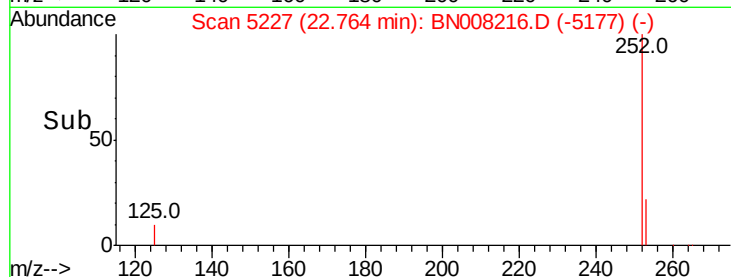
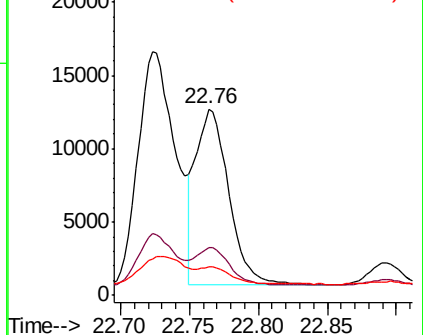
125 15.5 12.3 18.5



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: 0.488 ng/ul

RT: 23.28 min Scan# 5403

Delta R.T. -0.00 min

Lab File: BN008216.D

Acq: 17 Oct 2019 11:23

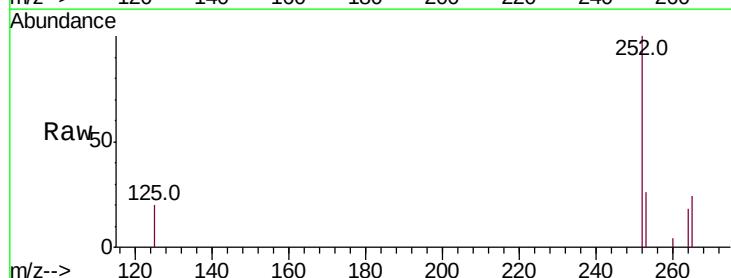
Tgt Ion:252 Resp: 24743

Ion Ratio Lower Upper

252 100

253 26.4 22.8 34.2

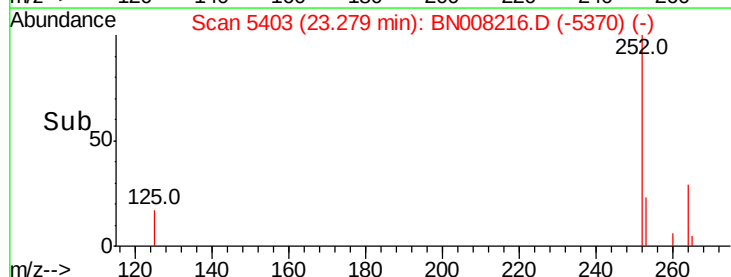
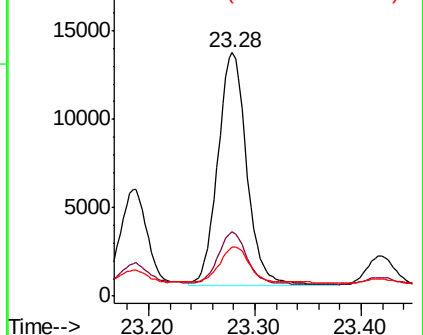
125 20.3 18.4 27.6

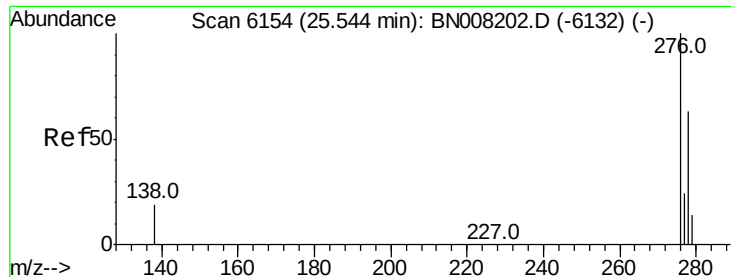


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



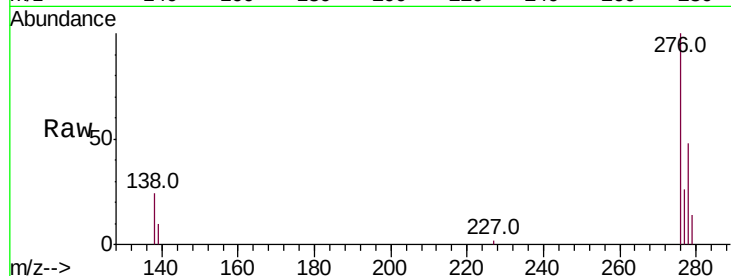


#24

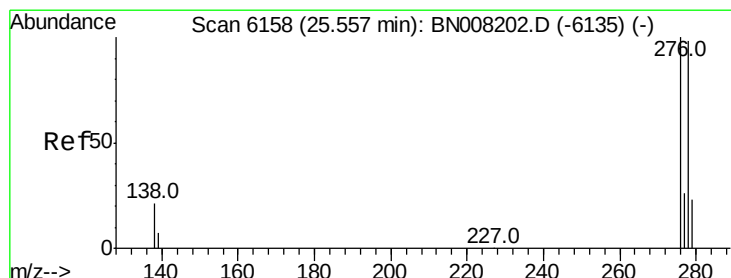
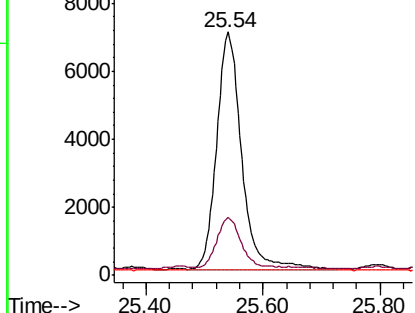
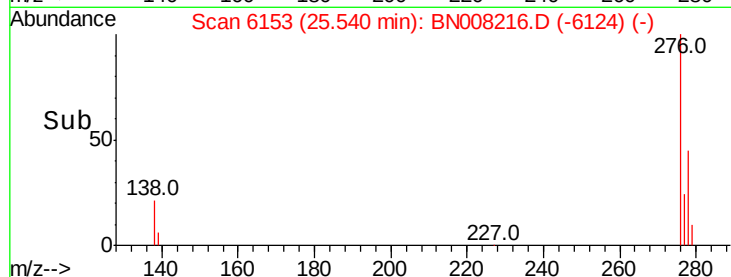
Indeno(1,2,3-cd)pyrene
Concen: 0.344 ng/ul
RT: 25.54 min Scan# 6153
Delta R.T. -0.00 min
Lab File: BN008216.D
Acq: 17 Oct 2019 11:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 20514
Ion Ratio Lower Upper
276 100
138 22.5 16.1 24.1
227 0.1 0.2 0.2#



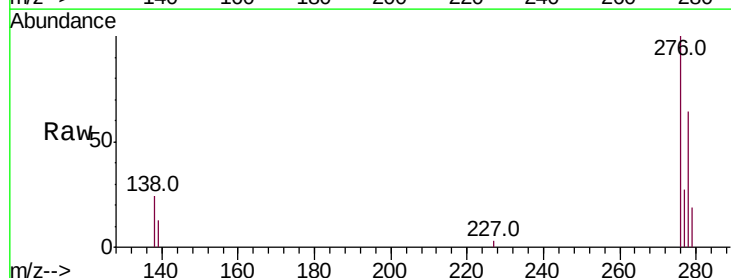
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



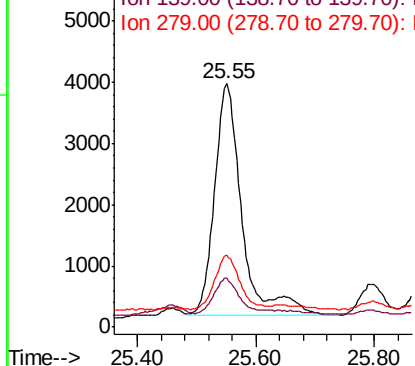
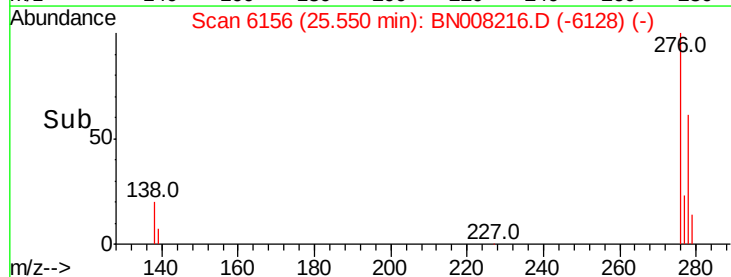
#25

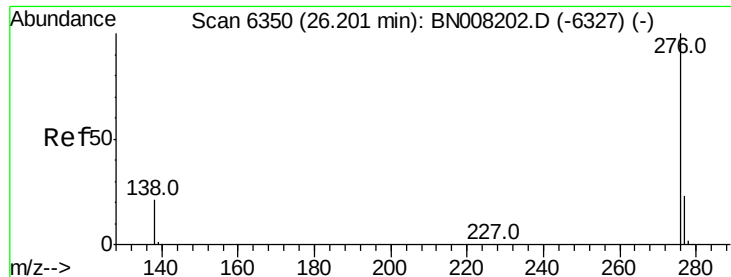
Dibenzo(a,h)anthracene
Concen: 0.259 ng/ul
RT: 25.55 min Scan# 6156
Delta R.T. -0.01 min
Lab File: BN008216.D
Acq: 17 Oct 2019 11:23

Tgt Ion:278 Resp: 12209
Ion Ratio Lower Upper
278 100
139 19.9 15.0 22.6
279 29.6 22.4 33.6



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(a,h,i)perylene

Concen: 0.323 ng/ul

RT: 26.20 min Scan# 6349

Delta R.T. -0.00 min

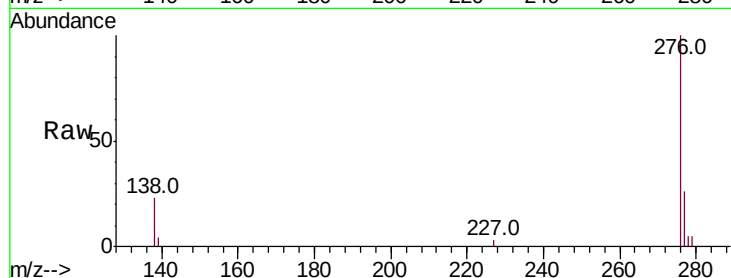
Lab File: BN008216.D

Acq: 17 Oct 2019 11:23

Instrument :

BNA_N

ClientSampleId :



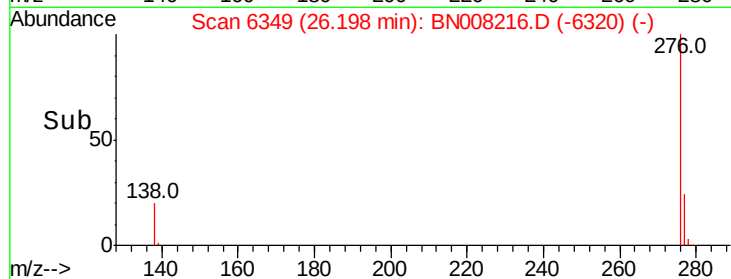
Tot Ion:276 Resp: 17652

Ion Ratio Lower Upper

276 100

138 22.8 17.0 25.4

277 25.7 20.4 30.6



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

