

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008222.D
 Acq On : 17 Oct 2019 14:59
 Operator : JU
 Sample : K5175-12DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 18 01:58:46 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	7.60	152	2998	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	14186	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8891	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	15518	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	11465	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.97	152	1370	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	4140	0.00	ng/ul	0.00

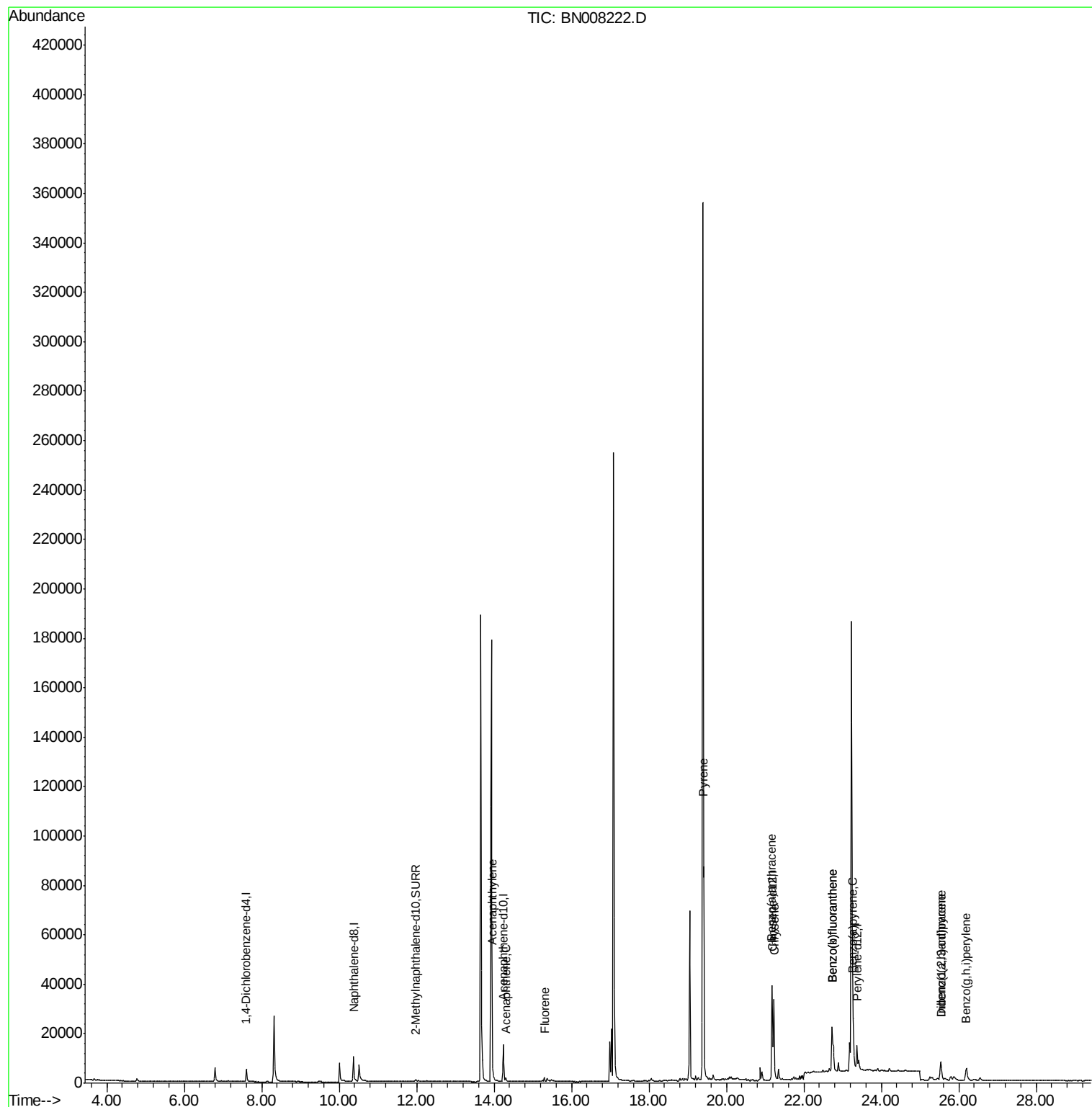
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
7) Acenaphthylene	13.95	152	1581	0.037	ng/ul#	89
8) Acenaphthene	14.30	153	922	0.028	ng/ul	96
9) Fluorene	15.30	166	1067	0.029	ng/ul#	95
17) Pyrene	19.41	202	67256	1.088	ng/ul	98
18) Benzo(a)anthracene	21.17	228	31110	0.551	ng/ul	97
19) Chrysene	21.22	228	35933	0.519	ng/ul	98
21) Benzo(b)fluoranthene	22.72	252	41123	1.102	ng/ul	99
22) Benzo(k)fluoranthene	22.72	252	41123	0.973	ng/ul	99
23) Benzo(a)pyrene	23.27	252	21858	0.557	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.53	276	12885	0.279	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.53	278	3027	0.083	ng/ul#	73
26) Benzo(g,h,i)perylene	26.19	276	11027	0.260	ng/ul	96

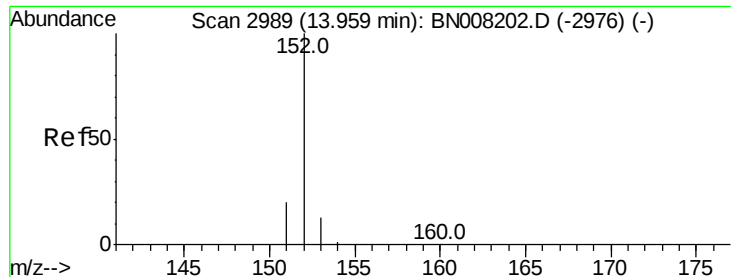
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.037 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN008222.D

Acq: 17 Oct 2019 14:59

Instrument :

BNA_N

ClientSampleId :

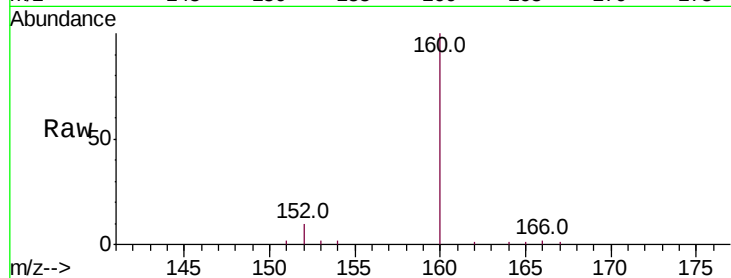
Tot Ion:152 Resp: 1581

Ion Ratio Lower Upper

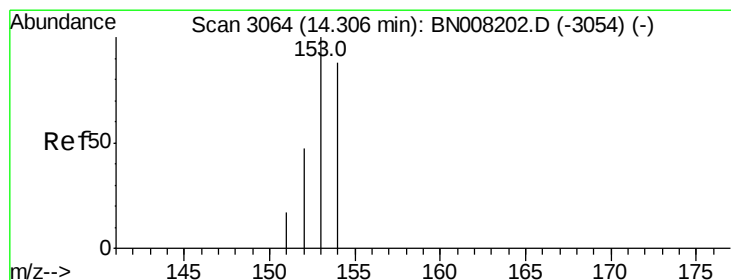
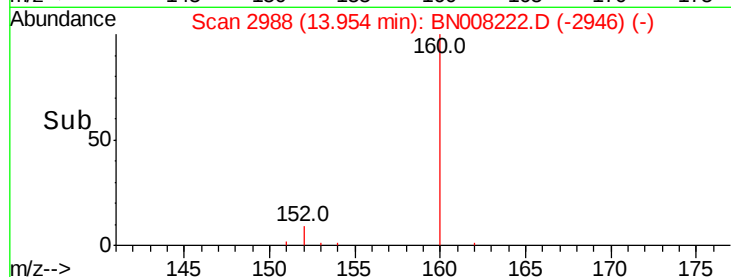
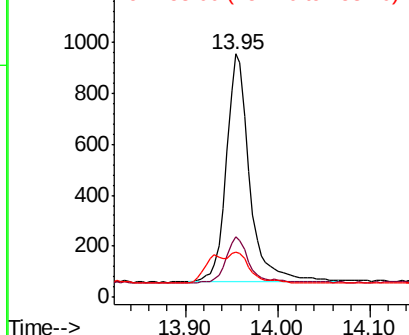
152 100

151 24.9 16.2 24.4#

153 18.8 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: 0.028 ng/ul

RT: 14.30 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BN008222.D

Acq: 17 Oct 2019 14:59

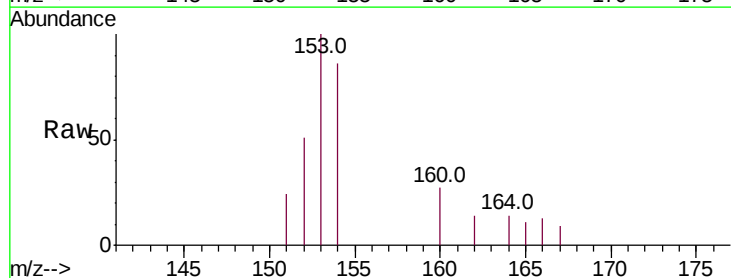
Tgt Ion:153 Resp: 922

Ion Ratio Lower Upper

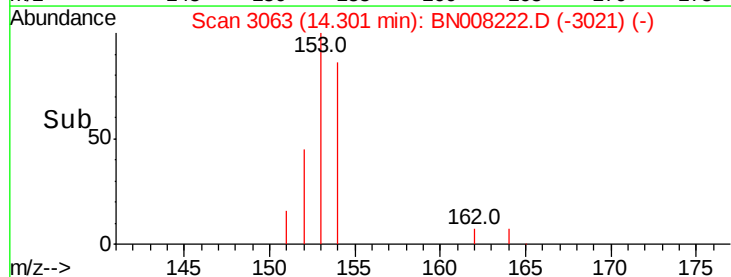
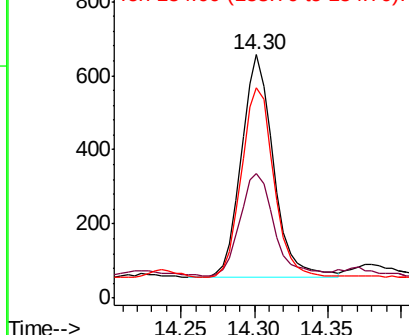
153 100

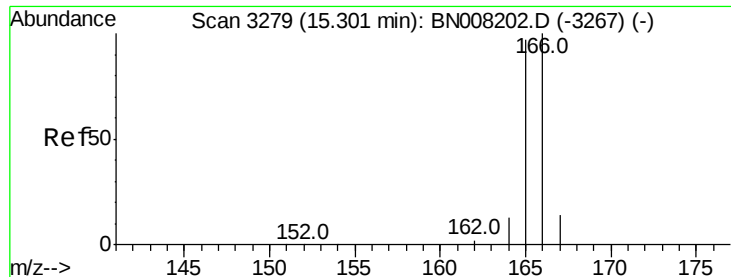
152 51.1 38.2 57.2

154 86.5 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

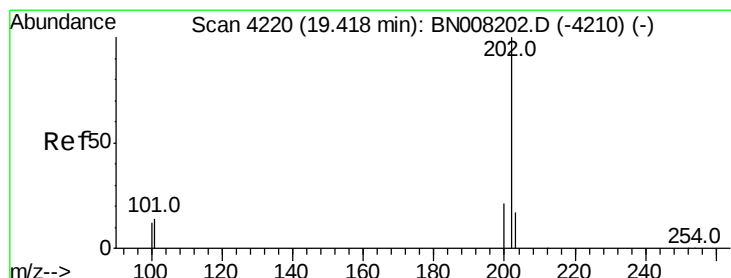
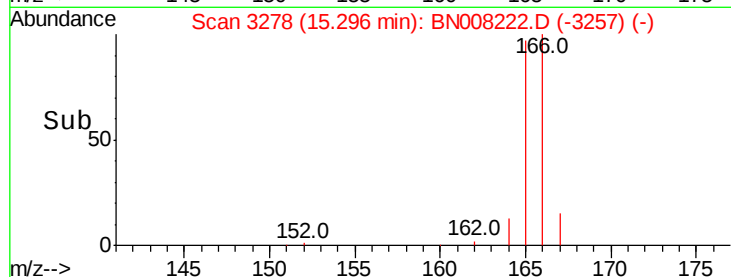
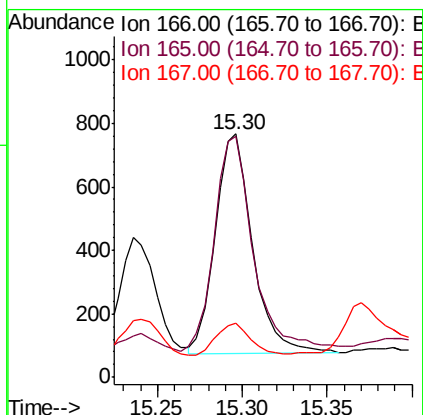
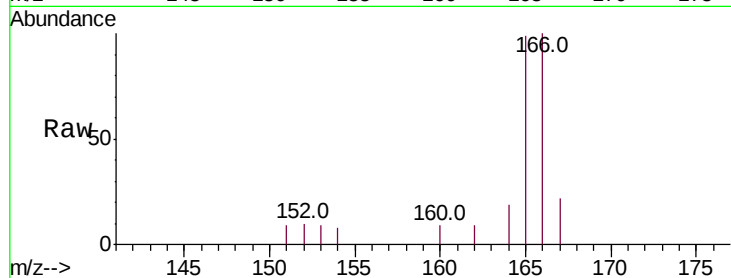




#9
Fluorene
 Concen: 0.029 ng/ul
 RT: 15.30 min Scan# 3278
 Delta R.T. -0.00 min
 Lab File: BN008222.D
 Acq: 17 Oct 2019 14:59

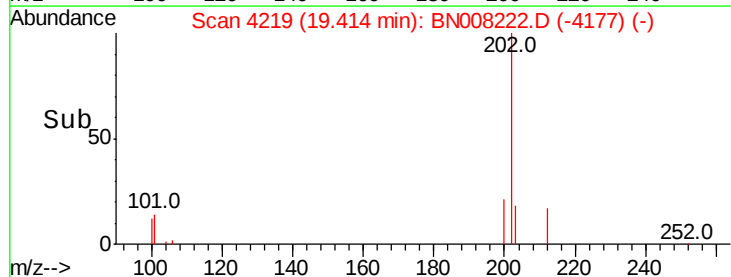
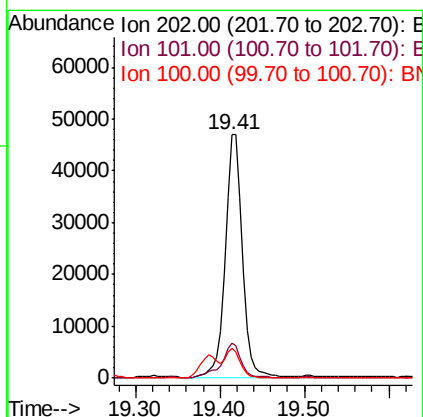
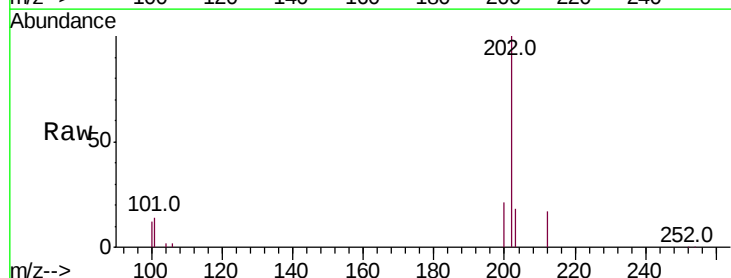
Instrument :
 BNA_N
 ClientSampleId :

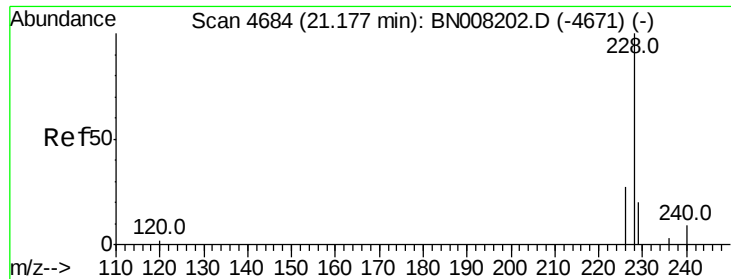
Tot Ion:166 Resp: 1067
 Ion Ratio Lower Upper
 166 100
 165 98.8 76.6 115.0
 167 22.3 11.7 17.5#



#17
Pyrene
 Concen: 1.088 ng/ul
 RT: 19.41 min Scan# 4219
 Delta R.T. -0.00 min
 Lab File: BN008222.D
 Acq: 17 Oct 2019 14:59

Tgt Ion:202 Resp: 67256
 Ion Ratio Lower Upper
 202 100
 101 14.5 10.9 16.3
 100 12.0 8.7 13.1

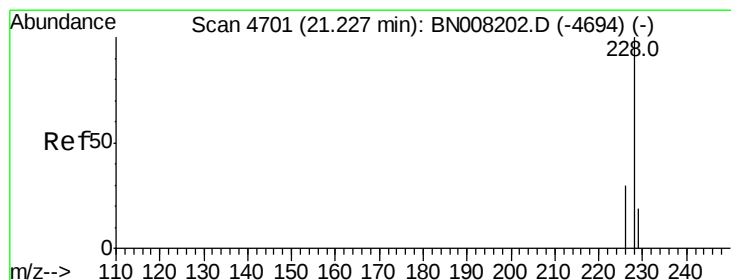
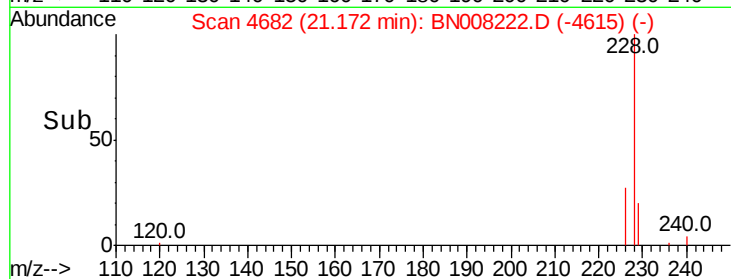
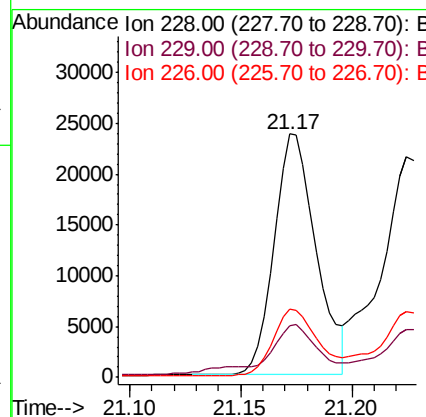
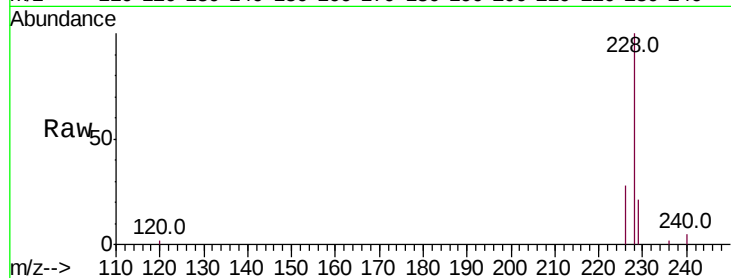




#18
Benzo(a)anthracene
Concen: 0.551 ng/ul
RT: 21.17 min Scan# 4682
Delta R.T. -0.01 min
Lab File: BN008222.D
Acq: 17 Oct 2019 14:59

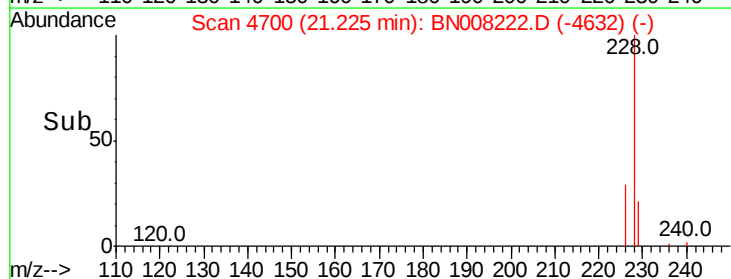
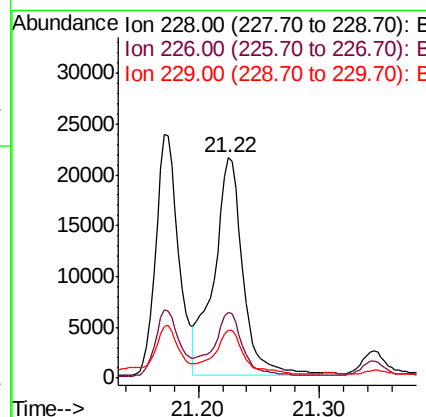
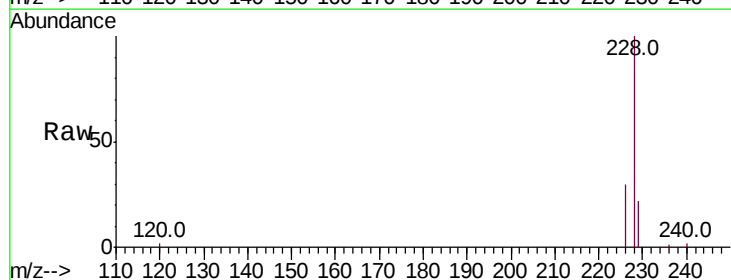
Instrument :
BNA_N
ClientSampleId :

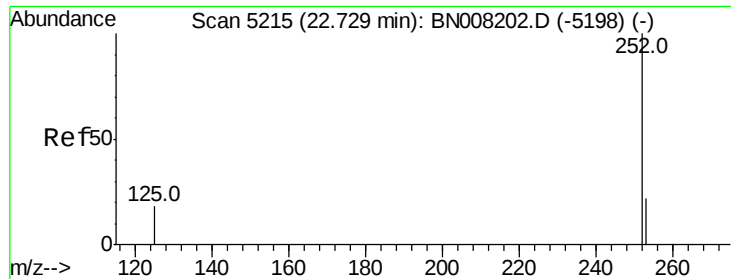
Tot Ion:228 Resp: 31110
Ion Ratio Lower Upper
228 100
229 21.4 16.2 24.2
226 28.0 21.4 32.0



#19
Chrysene
Concen: 0.519 ng/ul
RT: 21.22 min Scan# 4700
Delta R.T. -0.00 min
Lab File: BN008222.D
Acq: 17 Oct 2019 14:59

Tgt Ion:228 Resp: 35933
Ion Ratio Lower Upper
228 100
226 29.8 24.1 36.1
229 21.8 16.2 24.2





#21

Benzo(b)fluoranthene

Concen: 1.102 ng/u1

RT: 22.72 min Scan# 5213

Delta R.T. -0.01 min

Lab File: BN008222.D

Acq: 17 Oct 2019 14:59

Instrument :

BNA_N

ClientSampleId :

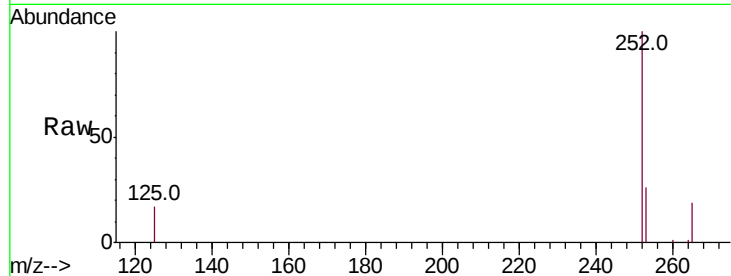
Tot Ion:252 Resp: 41123

Ion Ratio Lower Upper

252 100

253 26.4 0.0 53.4

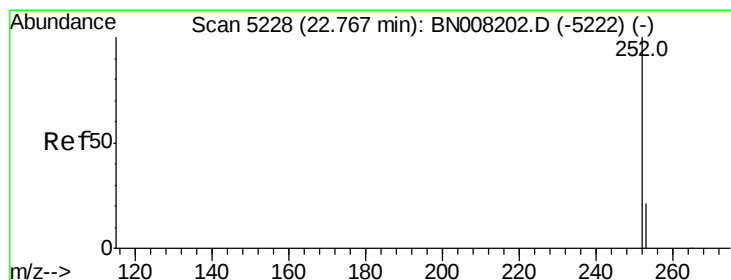
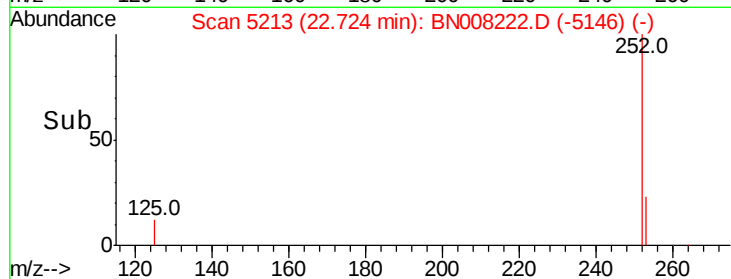
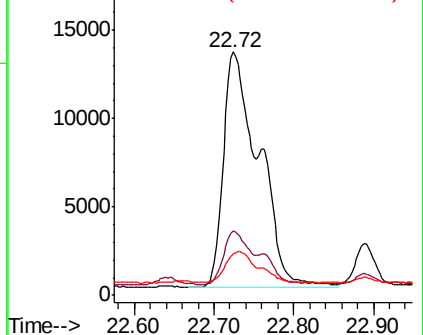
125 16.8 0.0 32.4



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: 0.973 ng/u1

RT: 22.72 min Scan# 5213

Delta R.T. -0.04 min

Lab File: BN008222.D

Acq: 17 Oct 2019 14:59

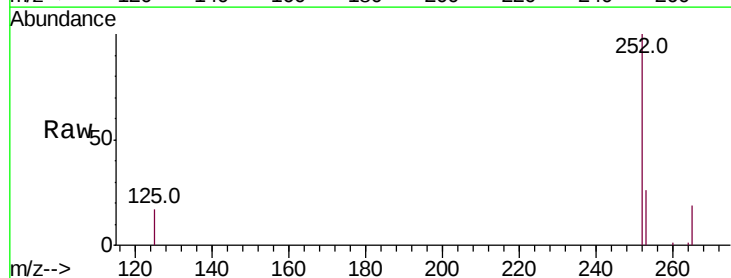
Tgt Ion:252 Resp: 41123

Ion Ratio Lower Upper

252 100

253 26.4 21.3 31.9

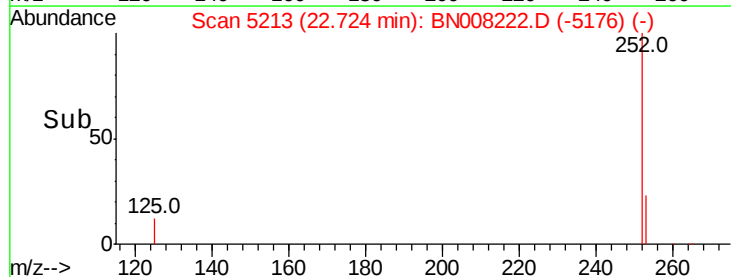
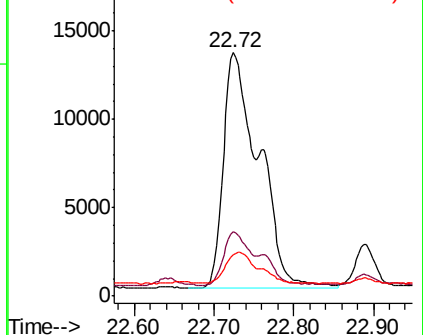
125 16.8 12.3 18.5

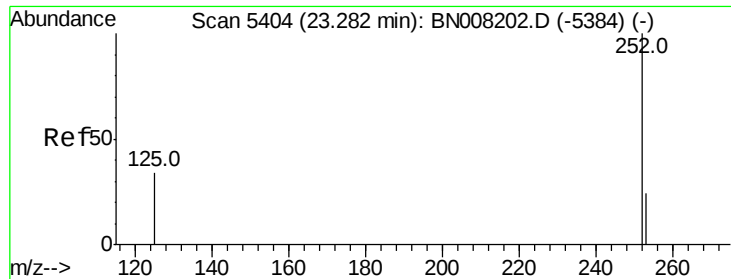


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.557 ng/u1

RT: 23.27 min Scan# 5401

Delta R.T. -0.01 min

Lab File: BN008222.D

Acq: 17 Oct 2019 14:59

Instrument :

BNA_N

ClientSampleId :

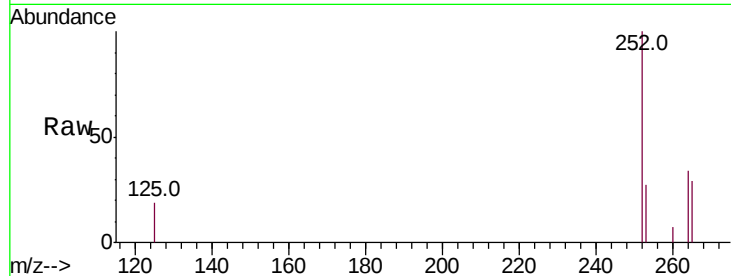
Tot Ion:252 Resp: 21858

Ion Ratio Lower Upper

252 100

253 26.6 22.8 34.2

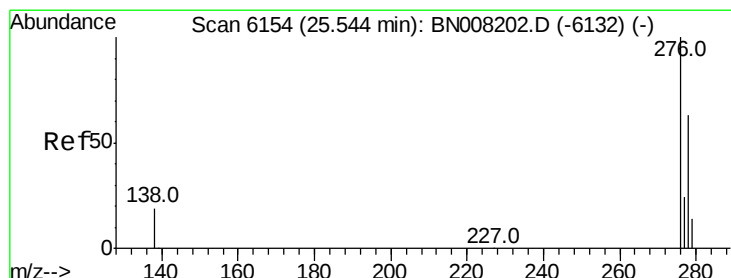
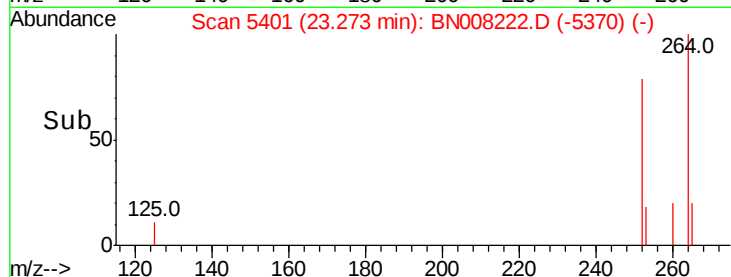
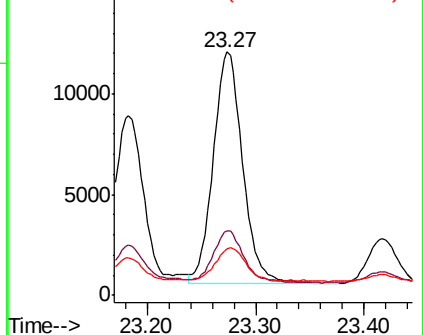
125 19.1 18.4 27.6



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: 0.279 ng/u1

RT: 25.53 min Scan# 6151

Delta R.T. -0.01 min

Lab File: BN008222.D

Acq: 17 Oct 2019 14:59

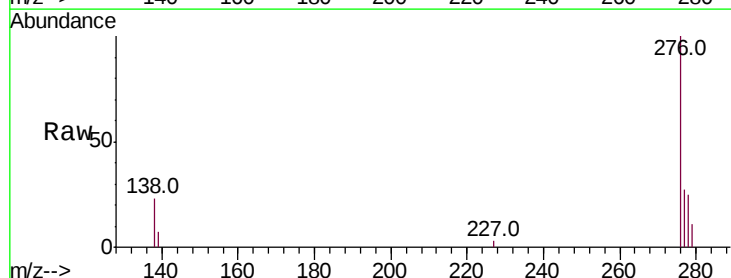
Tgt Ion:276 Resp: 12885

Ion Ratio Lower Upper

276 100

138 17.7 16.1 24.1

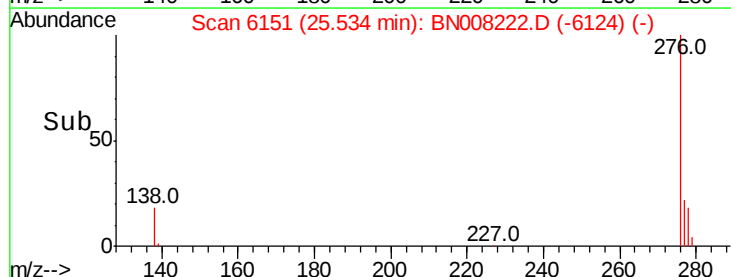
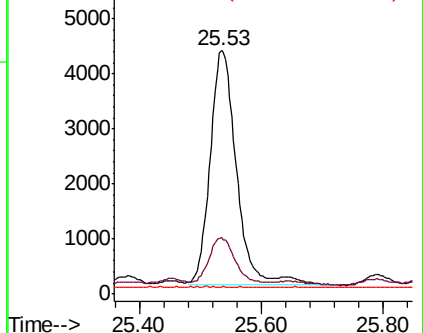
227 0.1 0.2 0.2#

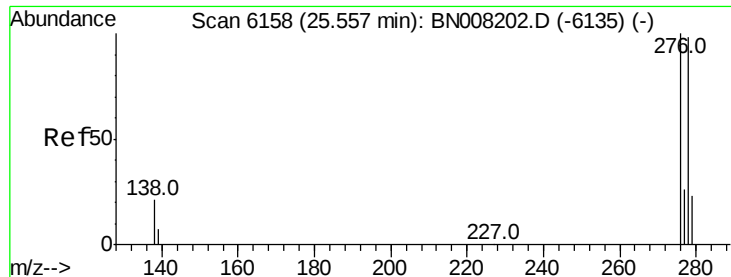


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

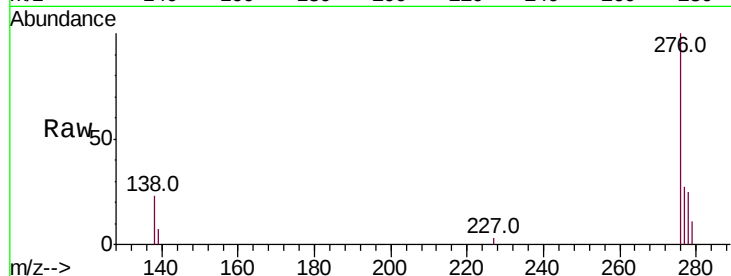




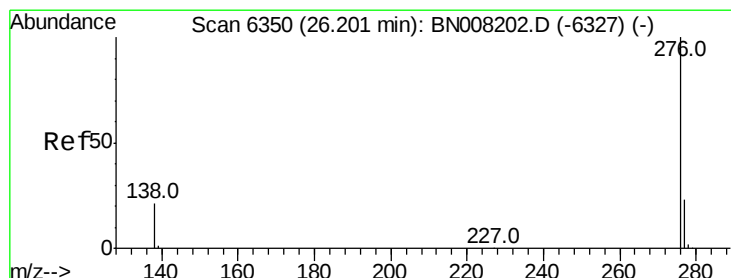
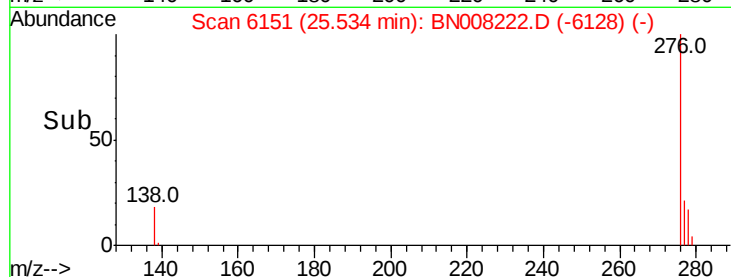
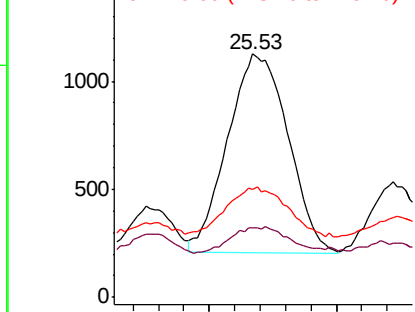
#25
Dibenzo(a,h)anthracene
Concen: 0.083 ng/ul
RT: 25.53 min Scan# 6151
Delta R.T. -0.02 min
Lab File: BN008222.D
Acq: 17 Oct 2019 14:59

Instrument :
BNA_N
ClientSampled :

Tot Ion:278 Resp: 3027
Ion Ratio Lower Upper
278 100
139 28.6 15.0 22.6#
279 44.3 22.4 33.6#

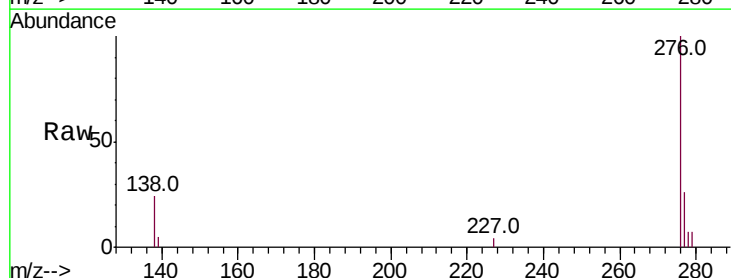


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.260 ng/ul
RT: 26.19 min Scan# 6348
Delta R.T. -0.01 min
Lab File: BN008222.D
Acq: 17 Oct 2019 14:59

Tgt Ion:276 Resp: 11027
Ion Ratio Lower Upper
276 100
138 24.2 17.0 25.4
277 26.4 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

