

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008227.D
 Acq On : 17 Oct 2019 18:46
 Operator : JU
 Sample : K5177-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 18 01:59:08 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

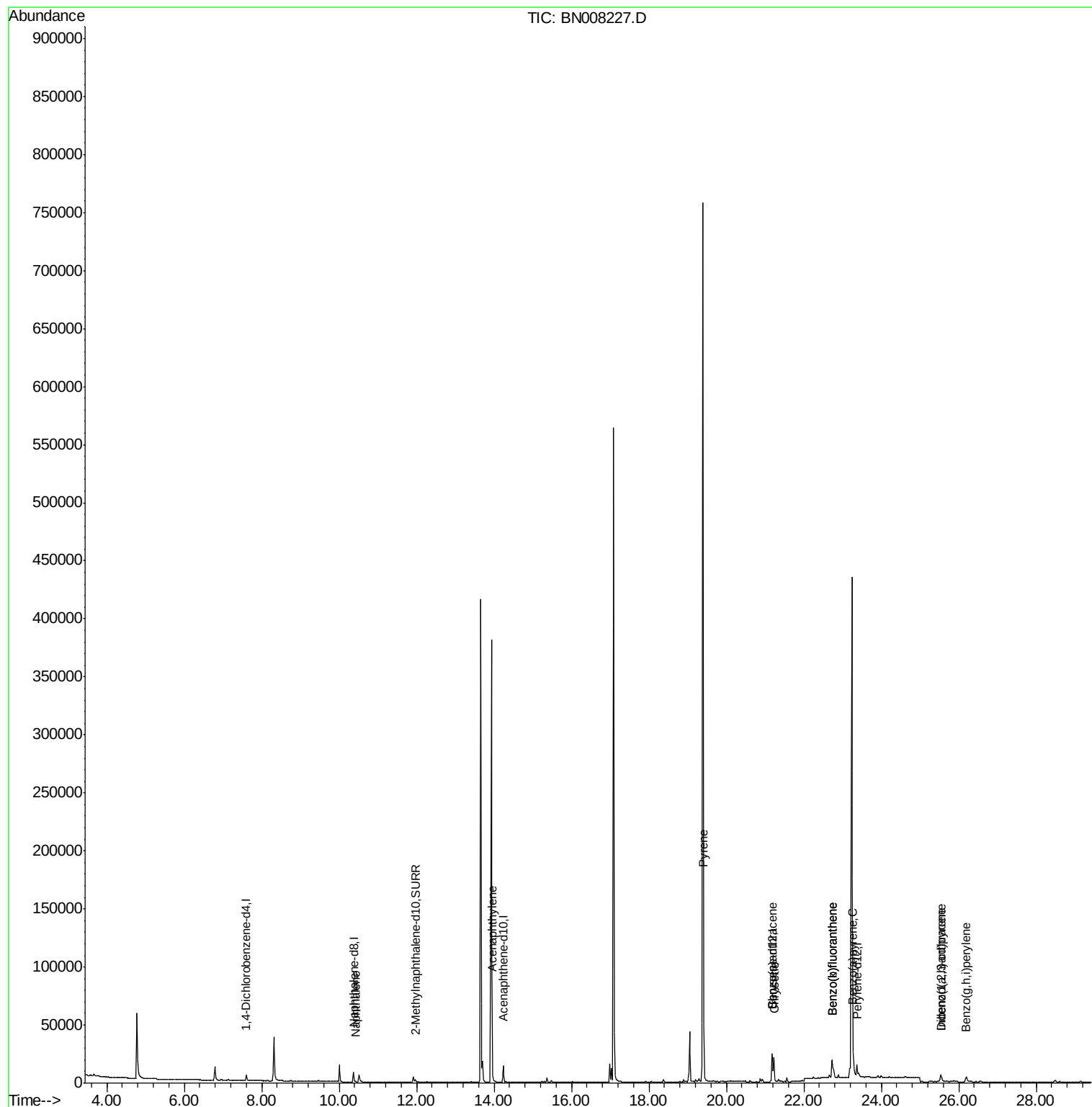
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2571	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	12462	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8014	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.99
16) Chrysene-d12	21.19	240	16222	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	12450	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	2869	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	8950	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	784	0.022	ng/ul#	74
7) Acenaphthylene	13.95	152	1861	0.049	ng/ul#	65
17) Pyrene	19.41	202	35915	0.556	ng/ul	96
18) Benzo(a)anthracene	21.17	228	17759	0.301	ng/ul	96
19) Chrysene	21.23	228	22350	0.309	ng/ul	98
21) Benzo(b)fluoranthene	22.72	252	33141	0.818	ng/ul	96
22) Benzo(k)fluoranthene	22.72	252	33141	0.722	ng/ul#	96
23) Benzo(a)pyrene	23.28	252	15041	0.353	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.54	276	10224	0.204	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.54	278	2253	0.057	ng/ul#	62
26) Benzo(g,h,i)perylene	26.19	276	9715	0.211	ng/ul	96

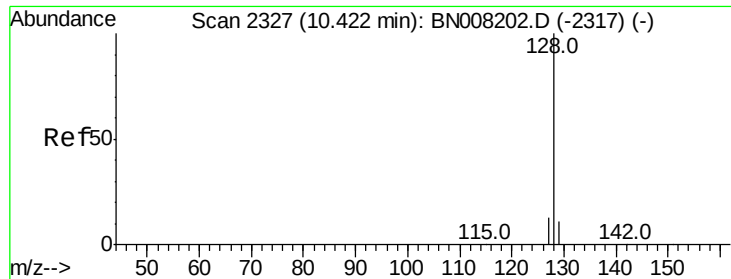
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.022 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BN008227.D

Acq: 17 Oct 2019 18:46

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BNA_N

ClientSampleId :

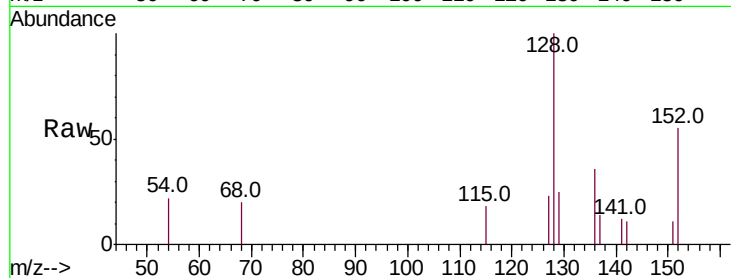
Tot Ion:128 Resp: 784

Ion Ratio Lower Upper

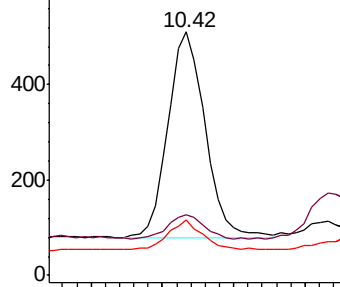
128 100

129 24.7 9.8 14.8#

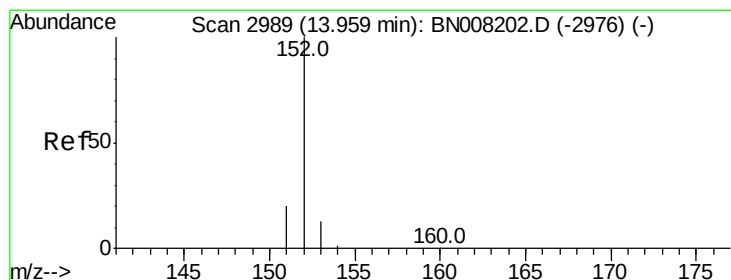
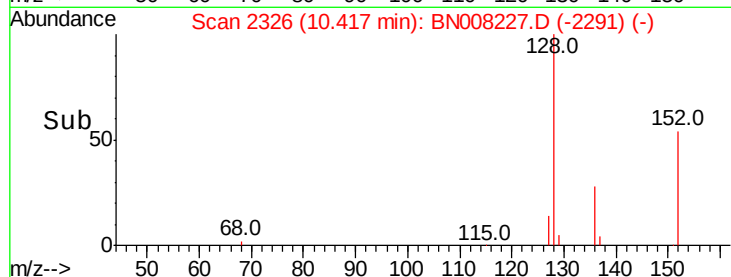
127 22.7 11.1 16.7#



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



Time-->



#7

Acenaphthylene

Concen: 0.049 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN008227.D

Acq: 17 Oct 2019 18:46

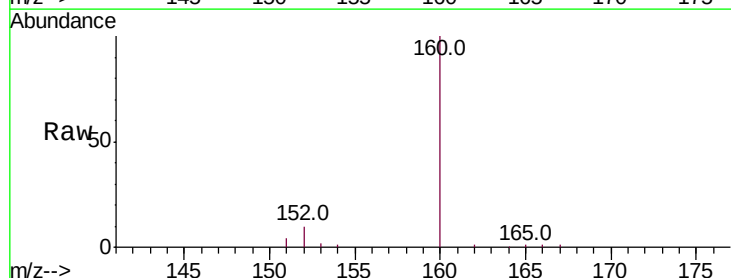
Tgt Ion:152 Resp: 1861

Ion Ratio Lower Upper

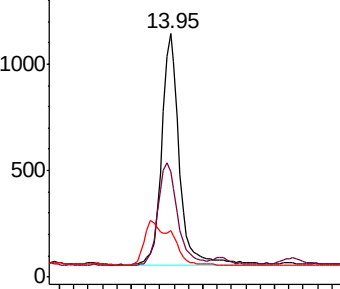
152 100

151 43.5 16.2 24.4#

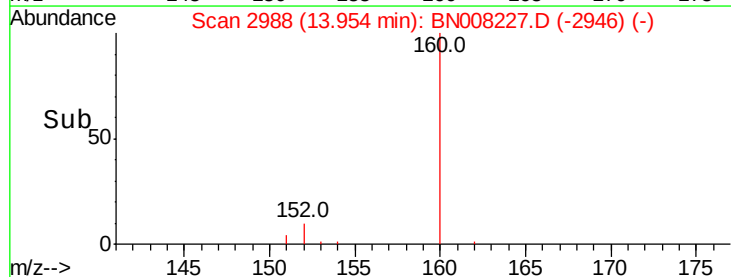
153 19.0 11.0 16.4#

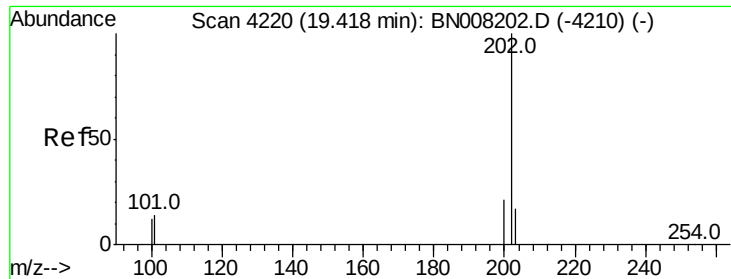


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->

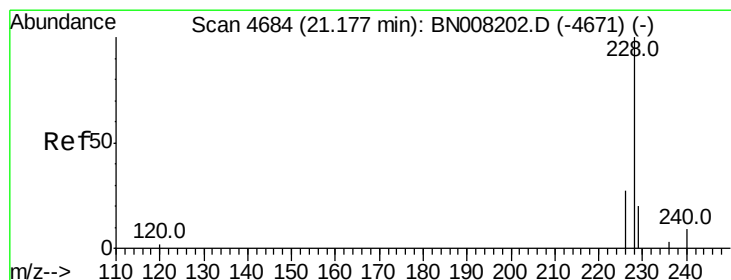
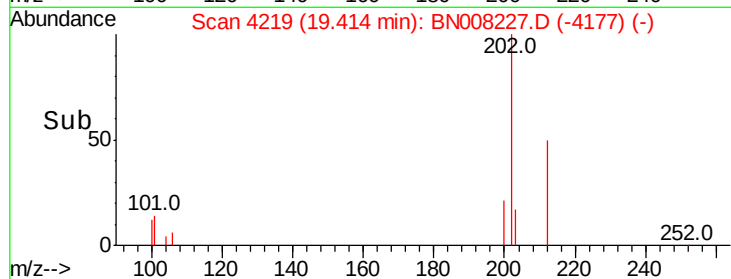
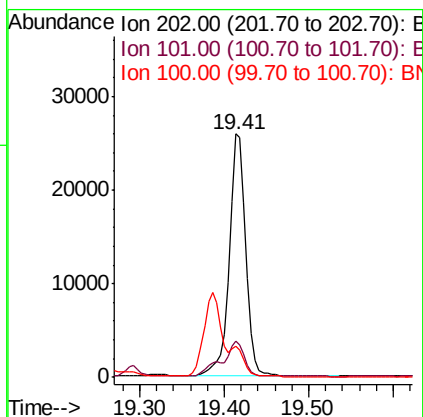
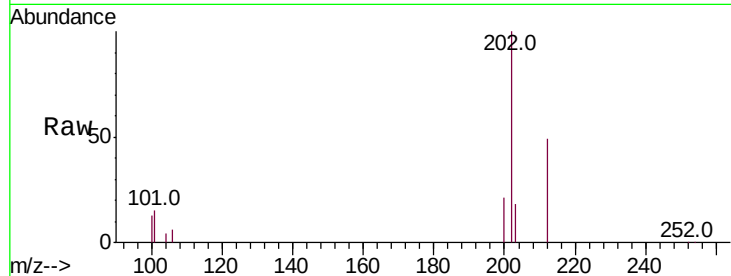




#17
Pvrene
Concen: 0.556 ng/ul
RT: 19.41 min Scan# 4219
Delta R.T. -0.00 min
Lab File: BN008227.D
Acq: 17 Oct 2019 18:46

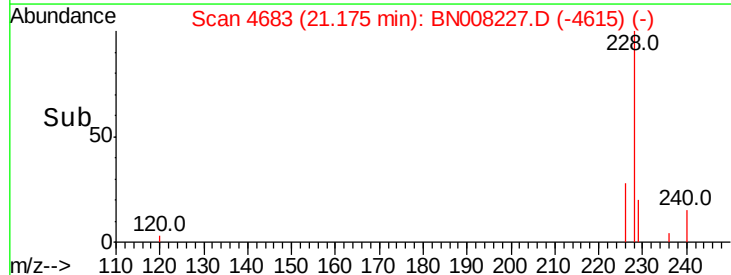
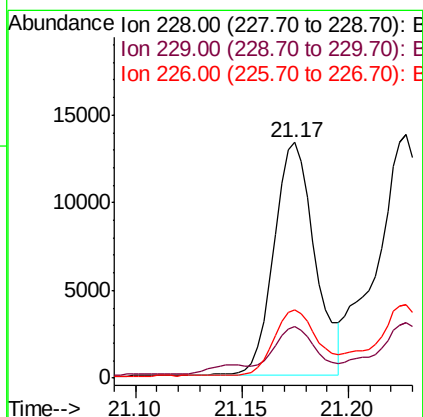
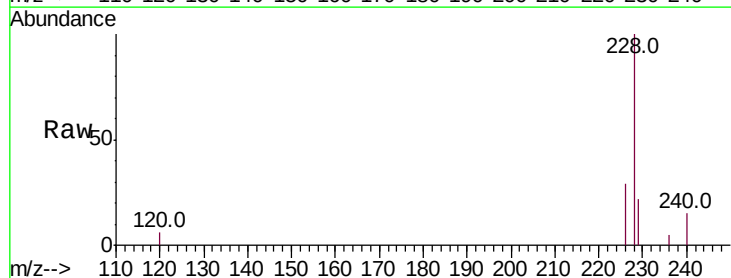
Instrument :
BNA_N
ClientSampleId :

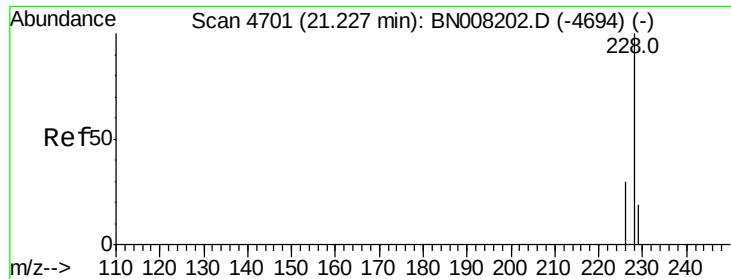
Tot Ion:202 Resp: 35915
Ion Ratio Lower Upper
202 100
101 15.0 10.9 16.3
100 12.5 8.7 13.1



#18
Benzo(a)anthracene
Concen: 0.301 ng/ul
RT: 21.17 min Scan# 4683
Delta R.T. -0.00 min
Lab File: BN008227.D
Acq: 17 Oct 2019 18:46

Tgt Ion:228 Resp: 17759
Ion Ratio Lower Upper
228 100
229 21.7 16.2 24.2
226 29.0 21.4 32.0





#19

Chrysene

Concen: 0.309 ng/ul

RT: 21.23 min Scan# 4701

Delta R.T. 0.00 min

Lab File: BN008227.D

Acq: 17 Oct 2019 18:46

Instrument :

BNA_N

ClientSampleId :

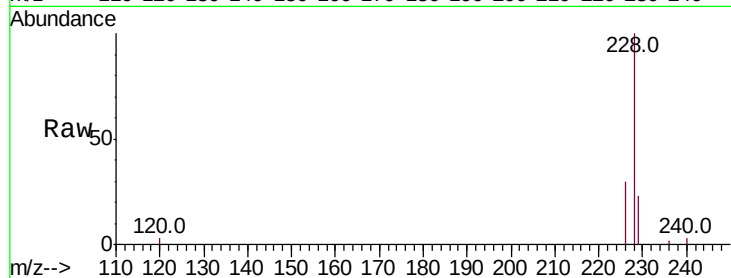
Tot Ion:228 Resp: 22350

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

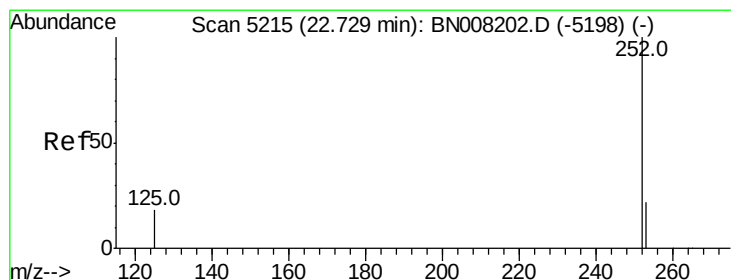
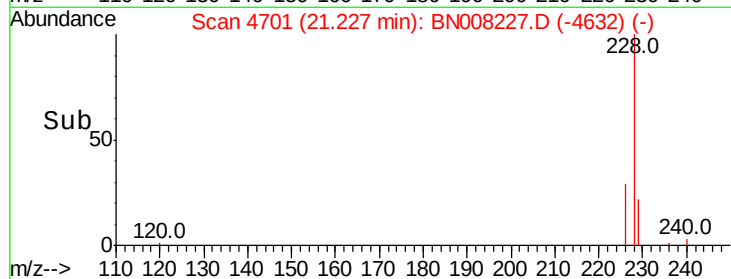
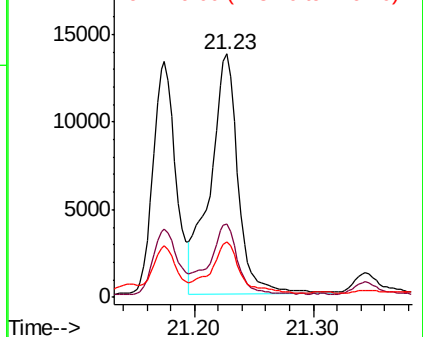
229 22.9 16.2 24.2



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: 0.818 ng/ul

RT: 22.72 min Scan# 5213

Delta R.T. -0.01 min

Lab File: BN008227.D

Acq: 17 Oct 2019 18:46

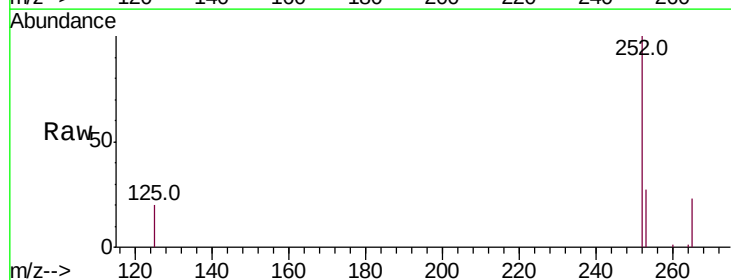
Tgt Ion:252 Resp: 33141

Ion Ratio Lower Upper

252 100

253 26.7 0.0 53.4

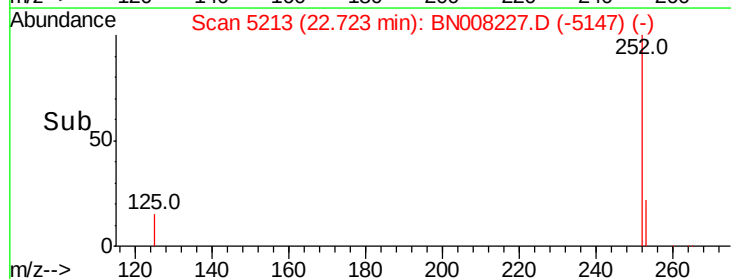
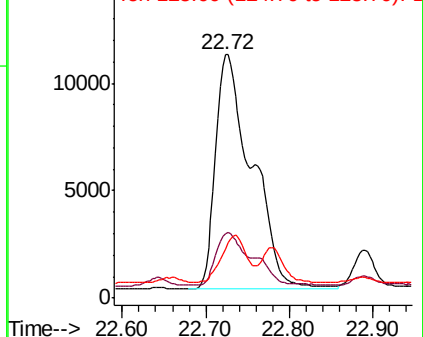
125 20.4 0.0 32.4

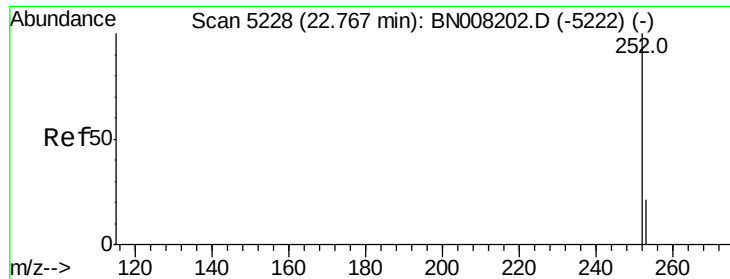


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.722 ng/ul

RT: 22.72 min Scan# 5213

Delta R.T. -0.04 min

Lab File: BN008227.D

Acq: 17 Oct 2019 18:46

Instrument :

BNA_N

ClientSampleId :

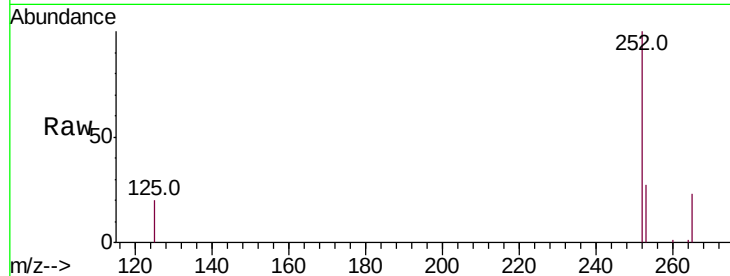
Tot Ion:252 Resp: 33141

Ion Ratio Lower Upper

252 100

253 26.7 21.3 31.9

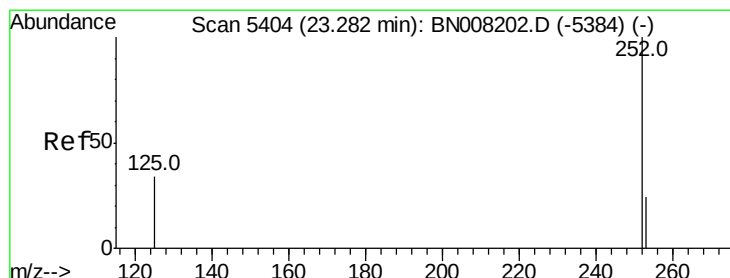
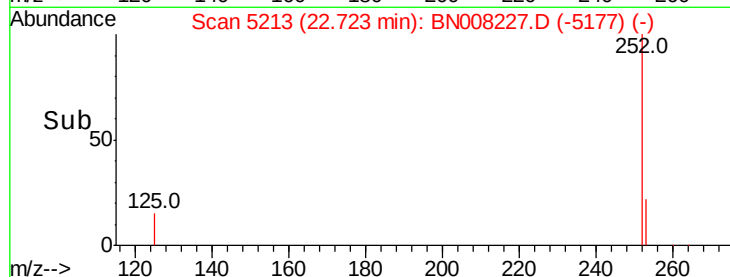
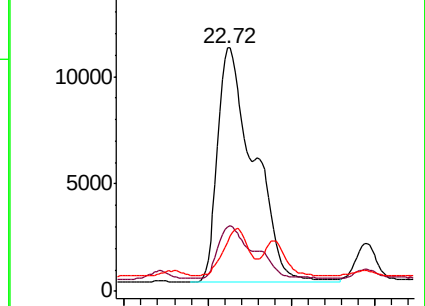
125 20.4 12.3 18.5#



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: 0.353 ng/ul

RT: 23.28 min Scan# 5402

Delta R.T. -0.01 min

Lab File: BN008227.D

Acq: 17 Oct 2019 18:46

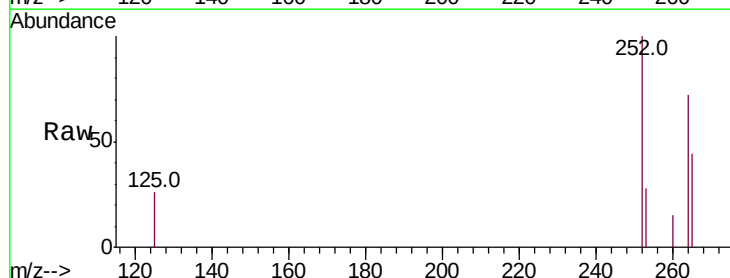
Tgt Ion:252 Resp: 15041

Ion Ratio Lower Upper

252 100

253 28.2 22.8 34.2

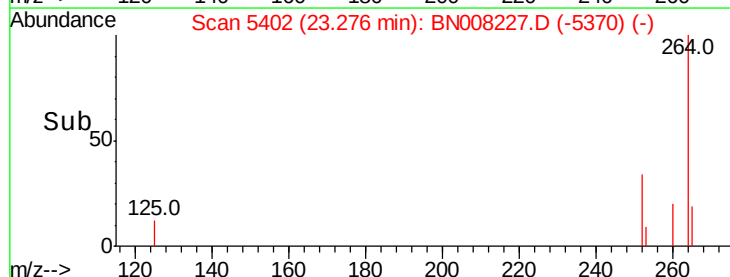
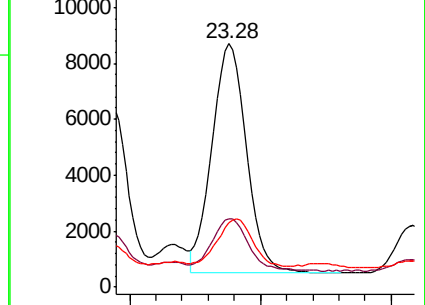
125 26.4 18.4 27.6

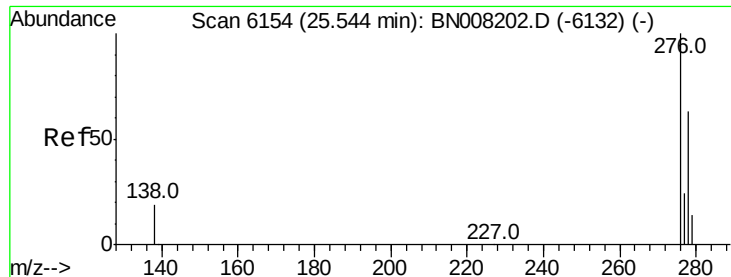


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

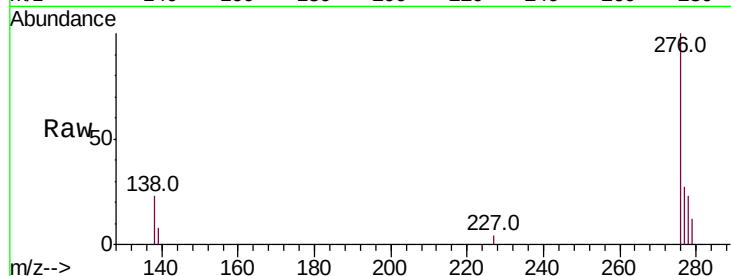




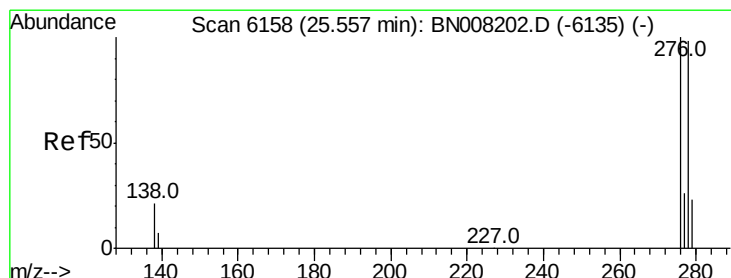
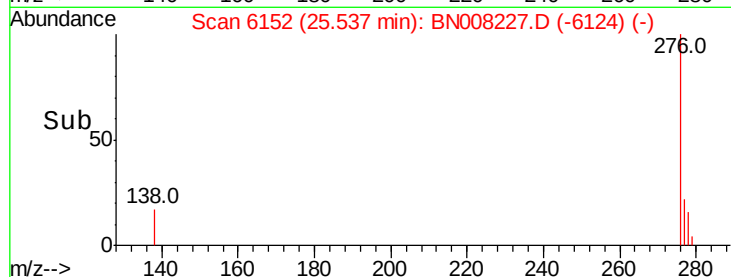
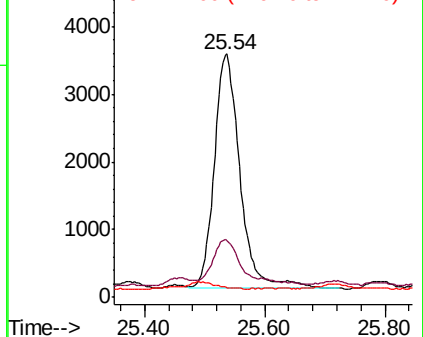
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.204 ng/ul
 RT: 25.54 min Scan# 6152
 Delta R.T. -0.01 min
 Lab File: BN008227.D
 Acq: 17 Oct 2019 18:46

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 10224
 Ion Ratio Lower Upper
 276 100
 138 18.8 16.1 24.1
 227 0.0 0.2 0.2#

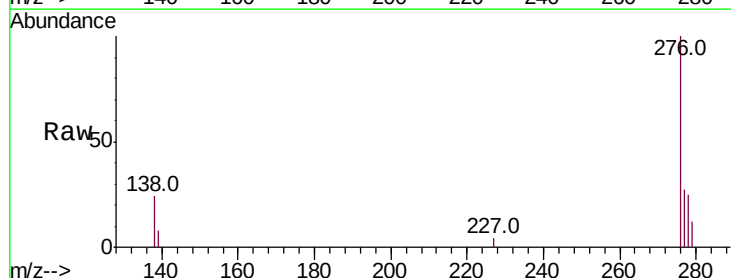


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

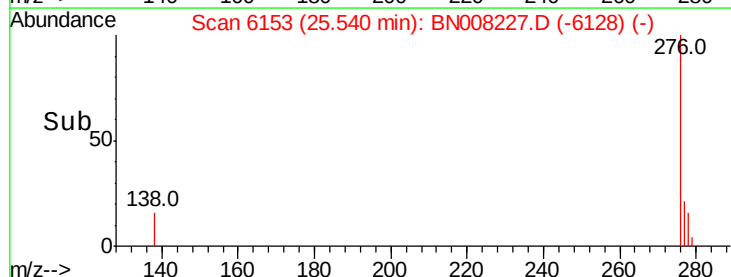
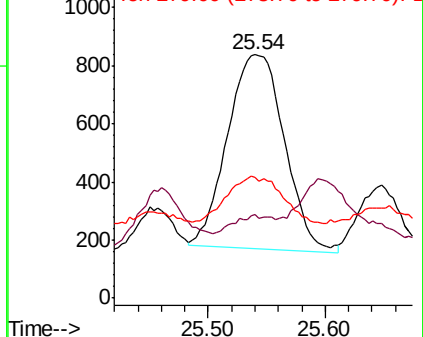


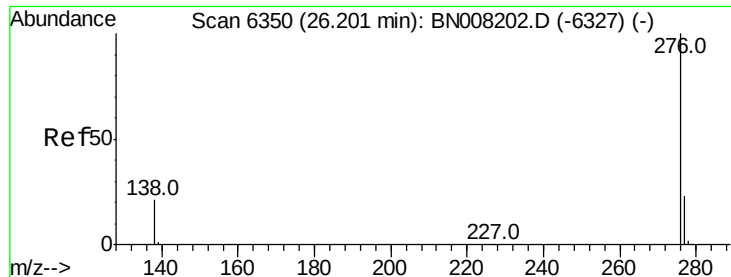
#25
 Dibenzo(a,h)anthracene
 Concen: 0.057 ng/ul
 RT: 25.54 min Scan# 6153
 Delta R.T. -0.02 min
 Lab File: BN008227.D
 Acq: 17 Oct 2019 18:46

Tgt Ion:278 Resp: 2253
 Ion Ratio Lower Upper
 278 100
 139 34.1 15.0 22.6#
 279 49.5 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: 0.211 ng/ul

RT: 26.19 min Scan# 6347

Delta R.T. -0.01 min

Lab File: BN008227.D

Acq: 17 Oct 2019 18:46

Instrument :

BNA_N

ClientSampleId :

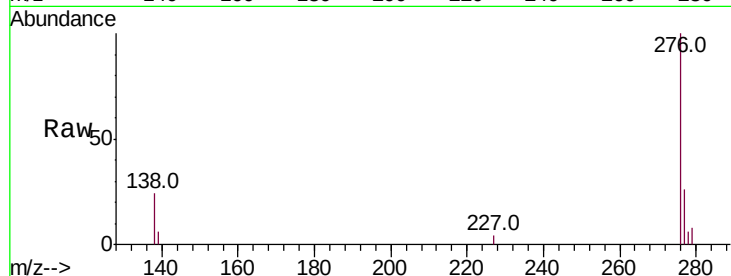
Tot Ion:276 Resp: 9715

Ion Ratio Lower Upper

276 100

138 24.3 17.0 25.4

277 26.3 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

