

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008115.D
 Acq On : 12 Oct 2019 16:33
 Operator : JU
 Sample : K5178-06
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 12 21:41:00 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 : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration

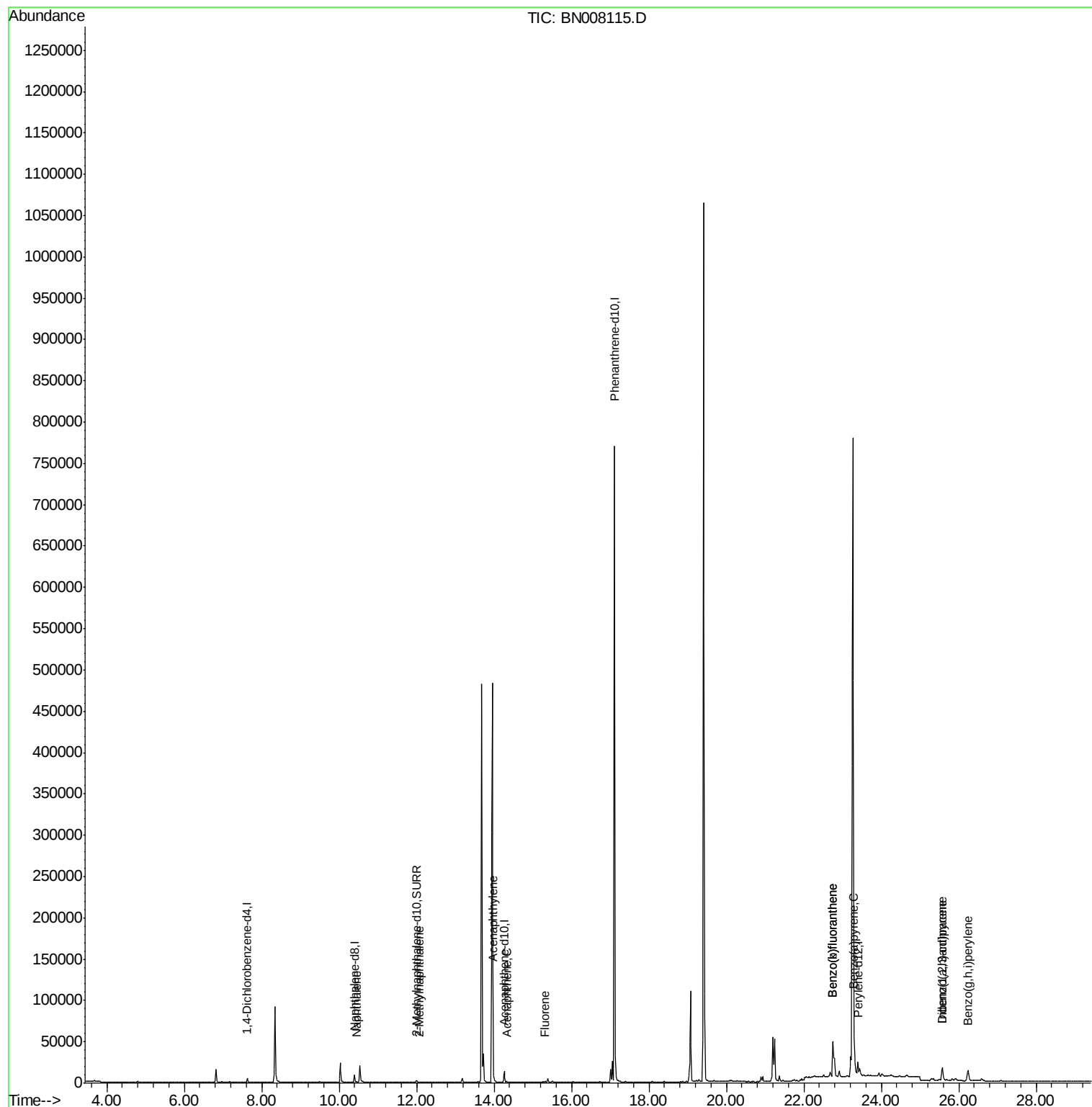
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2439	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	11995	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	7888	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	876120	0.40	ng/ul	0.09
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.22
20) Perylene-d12	23.40	264	19963	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	3809	0.19	ng/ul	-0.01
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	831	0.024	ng/ul#	74
5) 2-Methylnaphthalene	12.07	142	577	0.025	ng/ul	99
7) Acenaphthylene	13.98	152	3146	0.084	ng/ul#	90
8) Acenaphthene	14.32	153	761	0.026	ng/ul	96
9) Fluorene	15.31	166	1075	0.032	ng/ul#	90
21) Benzo(b)fluoranthene	22.75	252	92309	1.420	ng/ul	97
22) Benzo(k)fluoranthene	22.75	252	92309	1.254	ng/ul	97
23) Benzo(a)pyrene	23.30	252	40657	0.595	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.57	276	27148	0.337	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.58	278	5880	0.092	ng/ul#	61
26) Benzo(g,h,i)perylene	26.24	276	26878	0.364	ng/ul	97

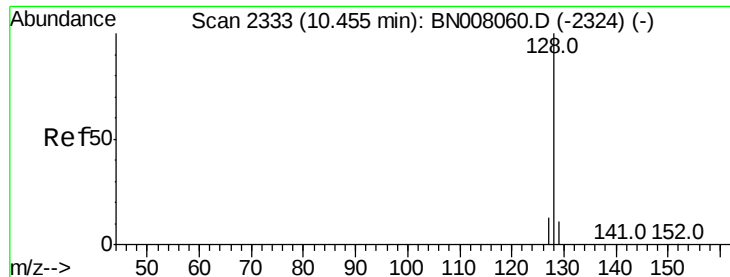
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.024 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BN008115.D

Acq: 12 Oct 2019 16:33

Instrument :

BNA_N

ClientSampleId :

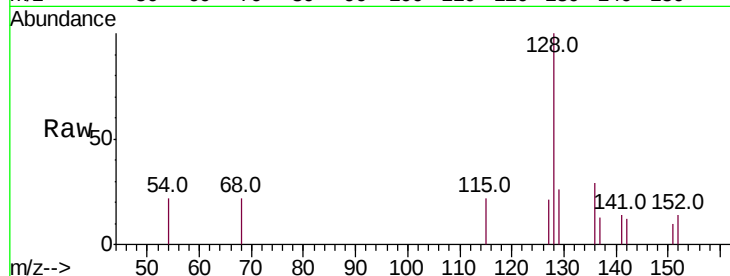
Tot Ion:128 Resp: 831

Ion Ratio Lower Upper

128 100

129 26.2 9.8 14.8#

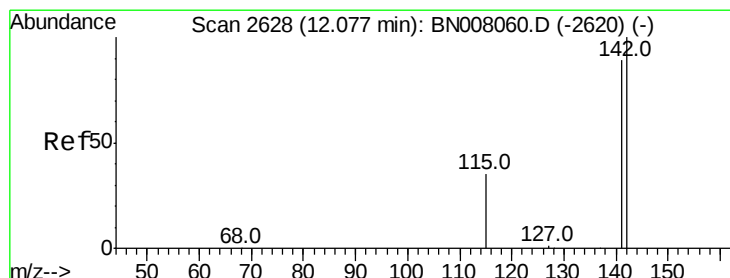
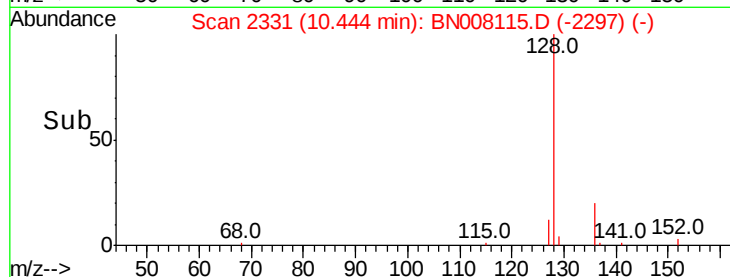
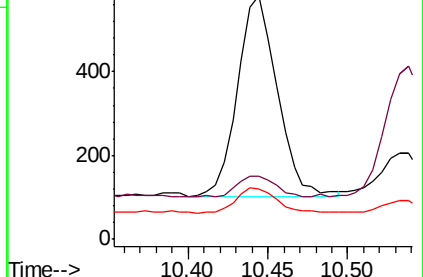
127 20.8 11.1 16.7#



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



#5

2-Methylnaphthalene

Concen: 0.025 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BN008115.D

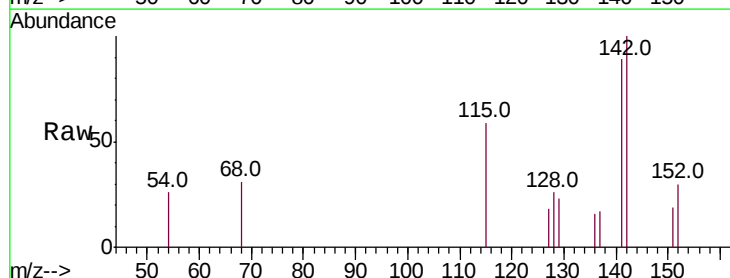
Acq: 12 Oct 2019 16:33

Tgt Ion:142 Resp: 577

Ion Ratio Lower Upper

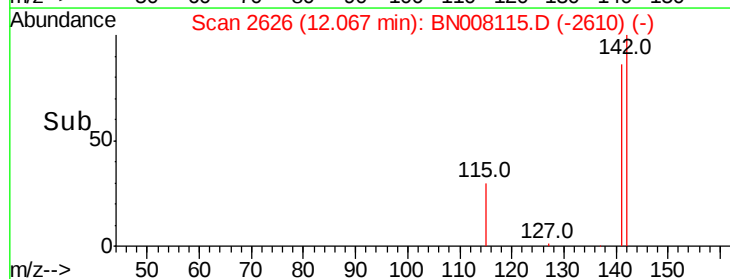
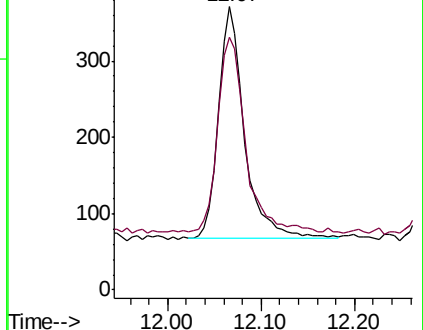
142 100

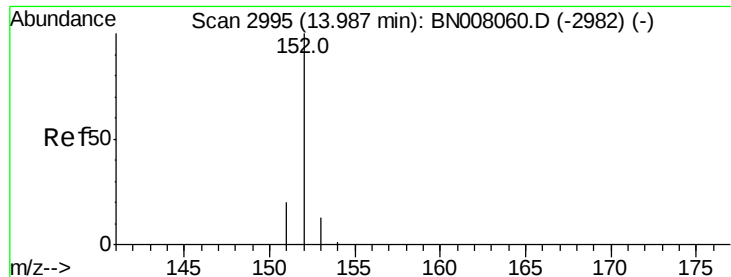
141 90.6 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.084 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BN008115.D

Acq: 12 Oct 2019 16:33

Instrument :

BNA_N

ClientSampleId :

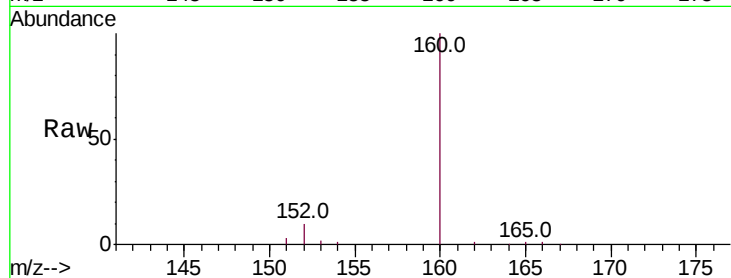
Tot Ion:152 Resp: 3146

Ion Ratio Lower Upper

152 100

151 25.9 16.2 24.4#

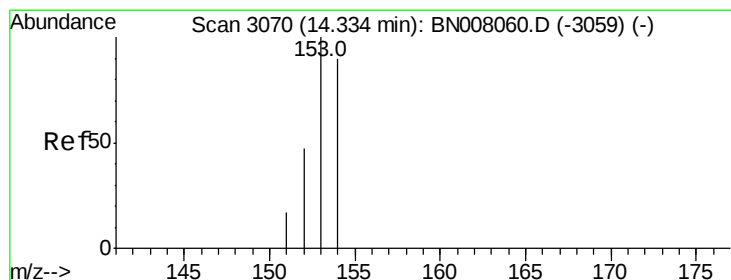
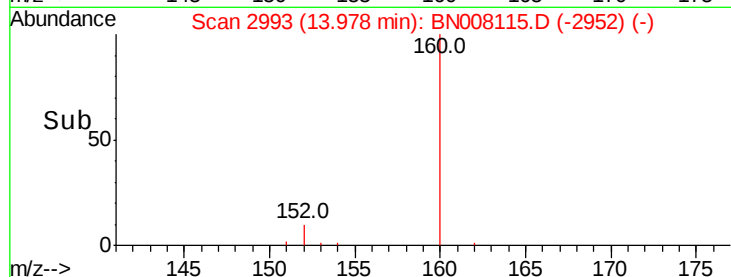
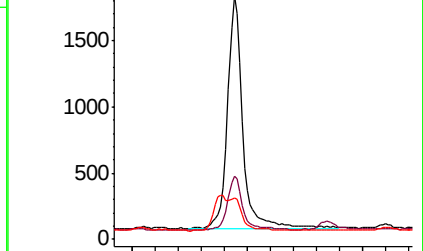
153 16.8 11.0 16.4#



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: 0.026 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN008115.D

Acq: 12 Oct 2019 16:33

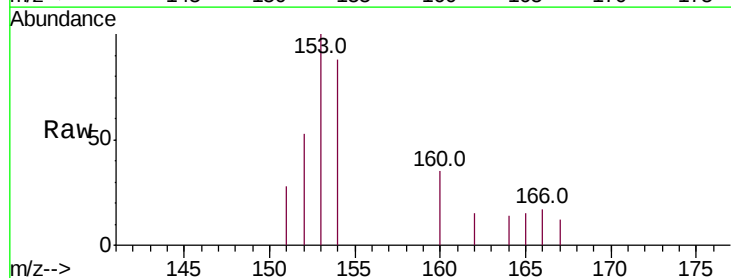
Tgt Ion:153 Resp: 761

Ion Ratio Lower Upper

153 100

152 53.4 38.2 57.2

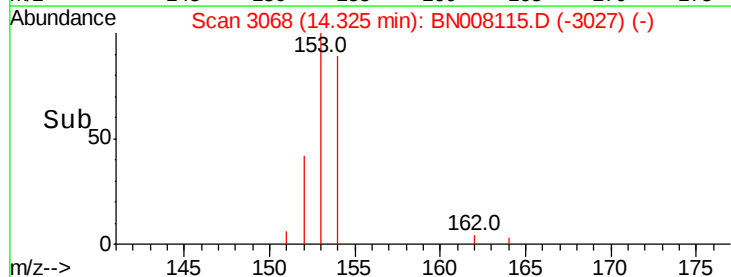
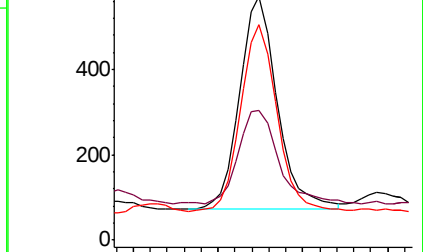
154 88.3 71.8 107.8

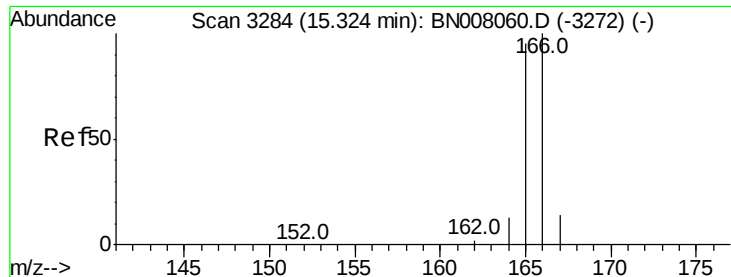


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.032 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.01 min

Lab File: BN008115.D

Acq: 12 Oct 2019 16:33

Instrument :

BNA_N

ClientSampled :

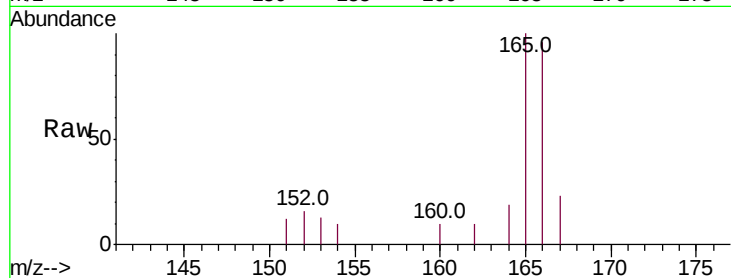
Tot Ion:166 Resp: 1075

Ion Ratio Lower Upper

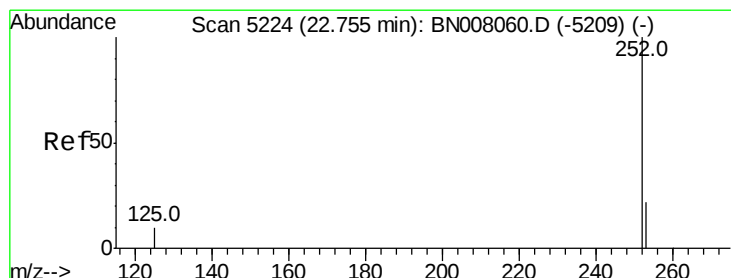
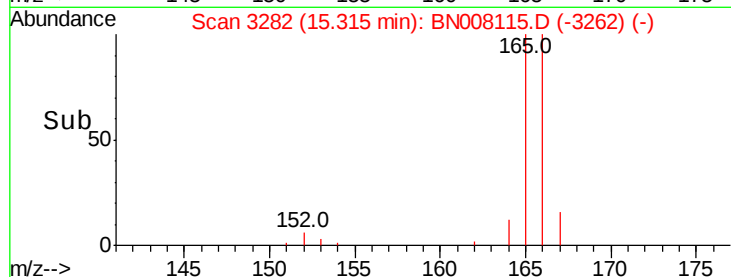
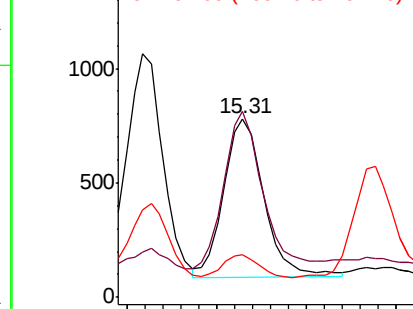
166 100

165 103.7 76.6 115.0

167 23.8 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



#21

Benzo(b)fluoranthene

Concen: 1.420 ng/ul

RT: 22.75 min Scan# 5221

Delta R.T. -0.01 min

Lab File: BN008115.D

Acq: 12 Oct 2019 16:33

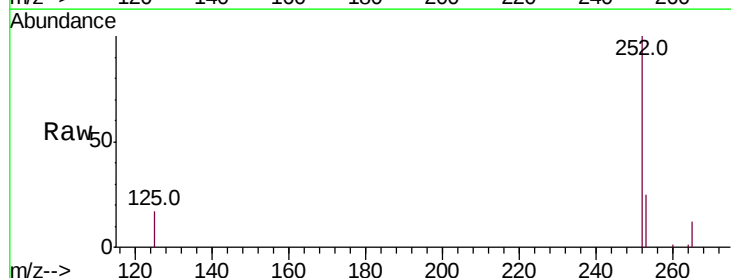
Tgt Ion:252 Resp: 92309

Ion Ratio Lower Upper

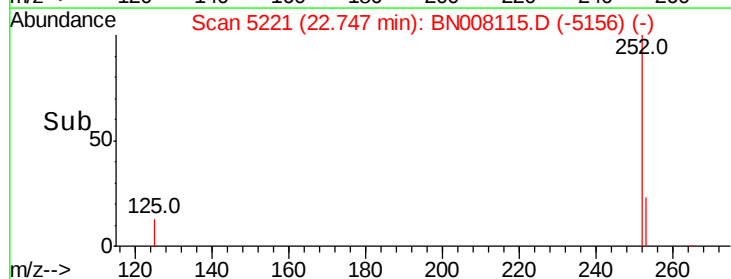
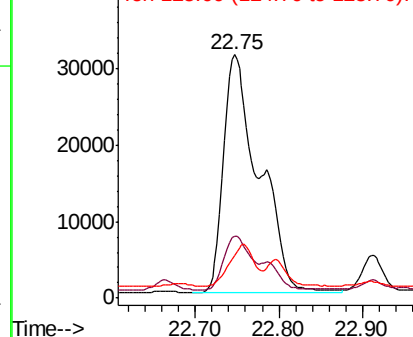
252 100

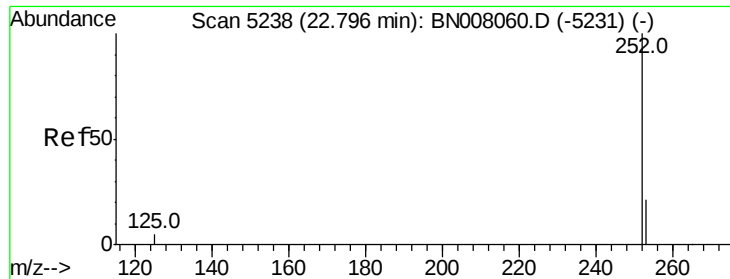
253 25.4 0.0 53.4

125 17.5 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: 1.254 ng/ul

RT: 22.75 min Scan# 5221

Delta R.T. -0.05 min

Lab File: BN008115.D

Acq: 12 Oct 2019 16:33

Instrument :

BNA_N

ClientSampleId :

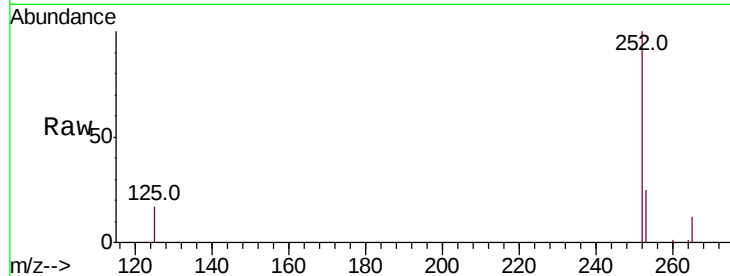
Tot Ion:252 Resp: 92309

Ion Ratio Lower Upper

252 100

253 25.4 21.3 31.9

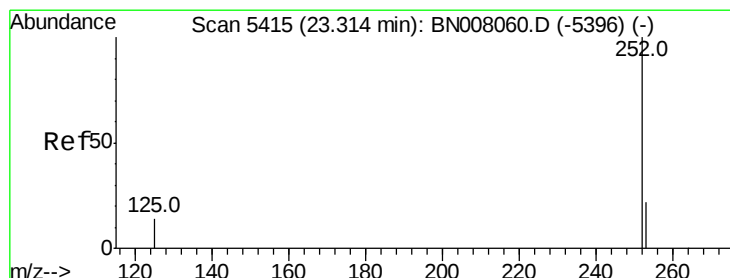
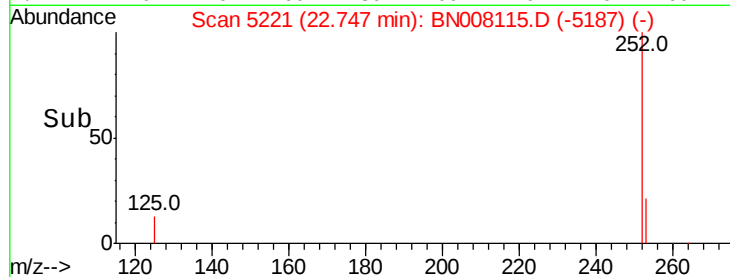
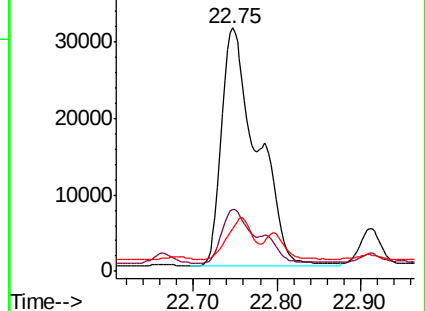
125 17.5 12.3 18.5



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: 0.595 ng/ul

RT: 23.30 min Scan# 5411

Delta R.T. -0.01 min

Lab File: BN008115.D

Acq: 12 Oct 2019 16:33

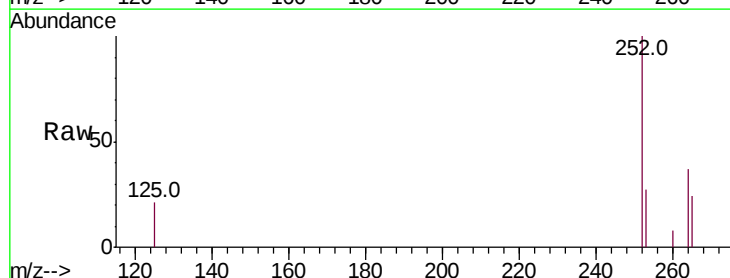
Tgt Ion:252 Resp: 40657

Ion Ratio Lower Upper

252 100

253 26.8 22.8 34.2

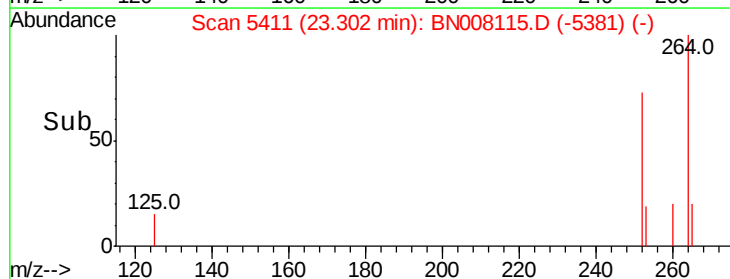
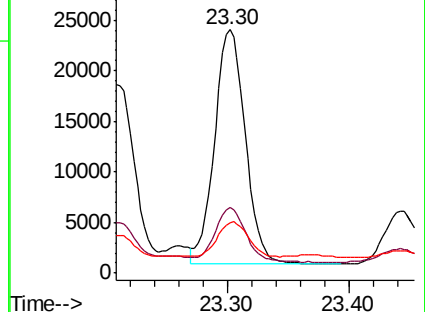
125 20.6 18.4 27.6

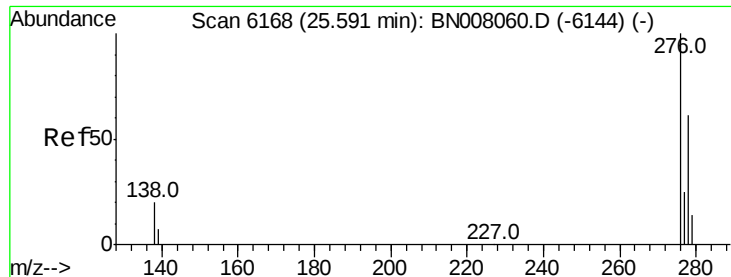


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

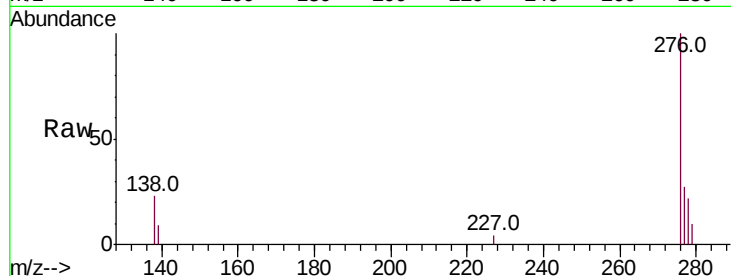




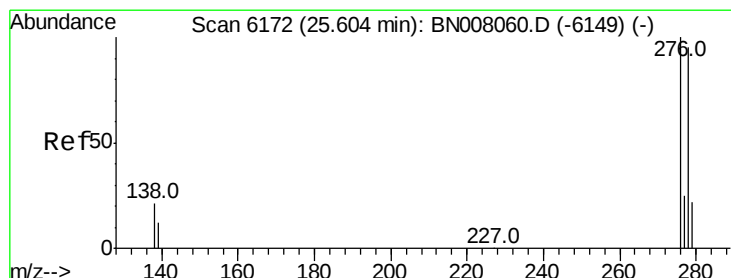
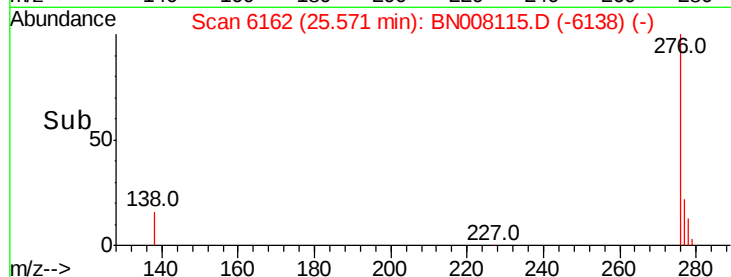
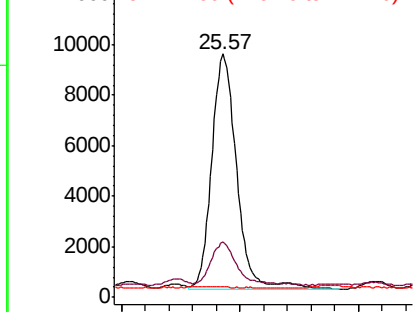
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.337 ng/ul
 RT: 25.57 min Scan# 6162
 Delta R.T. -0.02 min
 Lab File: BN008115.D
 Acq: 12 Oct 2019 16:33

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 27148
 Ion Ratio Lower Upper
 276 100
 138 18.9 16.1 24.1
 227 0.0 0.2 0.2#

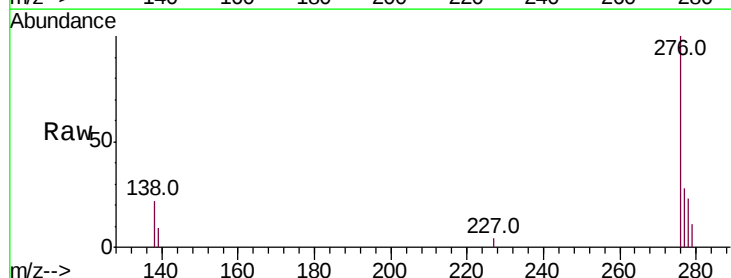


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

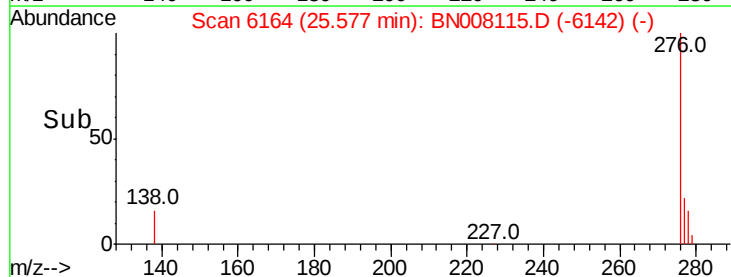
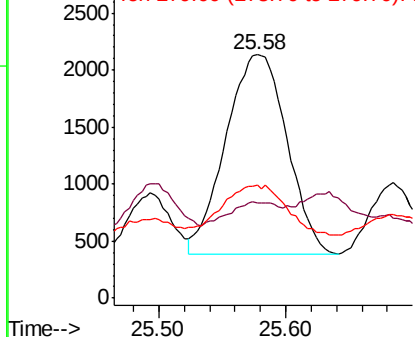


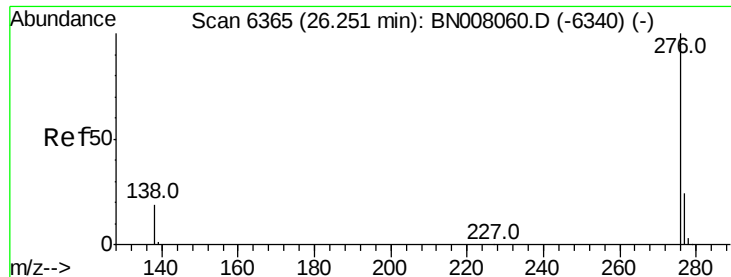
#25
 Dibenzo(a,h)anthracene
 Concen: 0.092 ng/ul
 RT: 25.58 min Scan# 6164
 Delta R.T. -0.03 min
 Lab File: BN008115.D
 Acq: 12 Oct 2019 16:33

Tgt Ion:278 Resp: 5880
 Ion Ratio Lower Upper
 278 100
 139 39.2 15.0 22.6#
 279 46.5 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: 0.364 ng/ul

RT: 26.24 min Scan# 6361

Delta R.T. -0.01 min

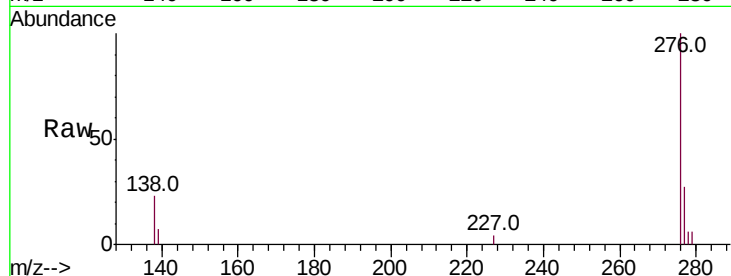
Lab File: BN008115.D

Acq: 12 Oct 2019 16:33

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 26878

Ion Ratio Lower Upper

276 100

138 23.0 17.0 25.4

277 26.7 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

