

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008093.D
 Acq On : 12 Oct 2019 01:39
 Operator : JU
 Sample : K5124-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 12 05:18:35 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

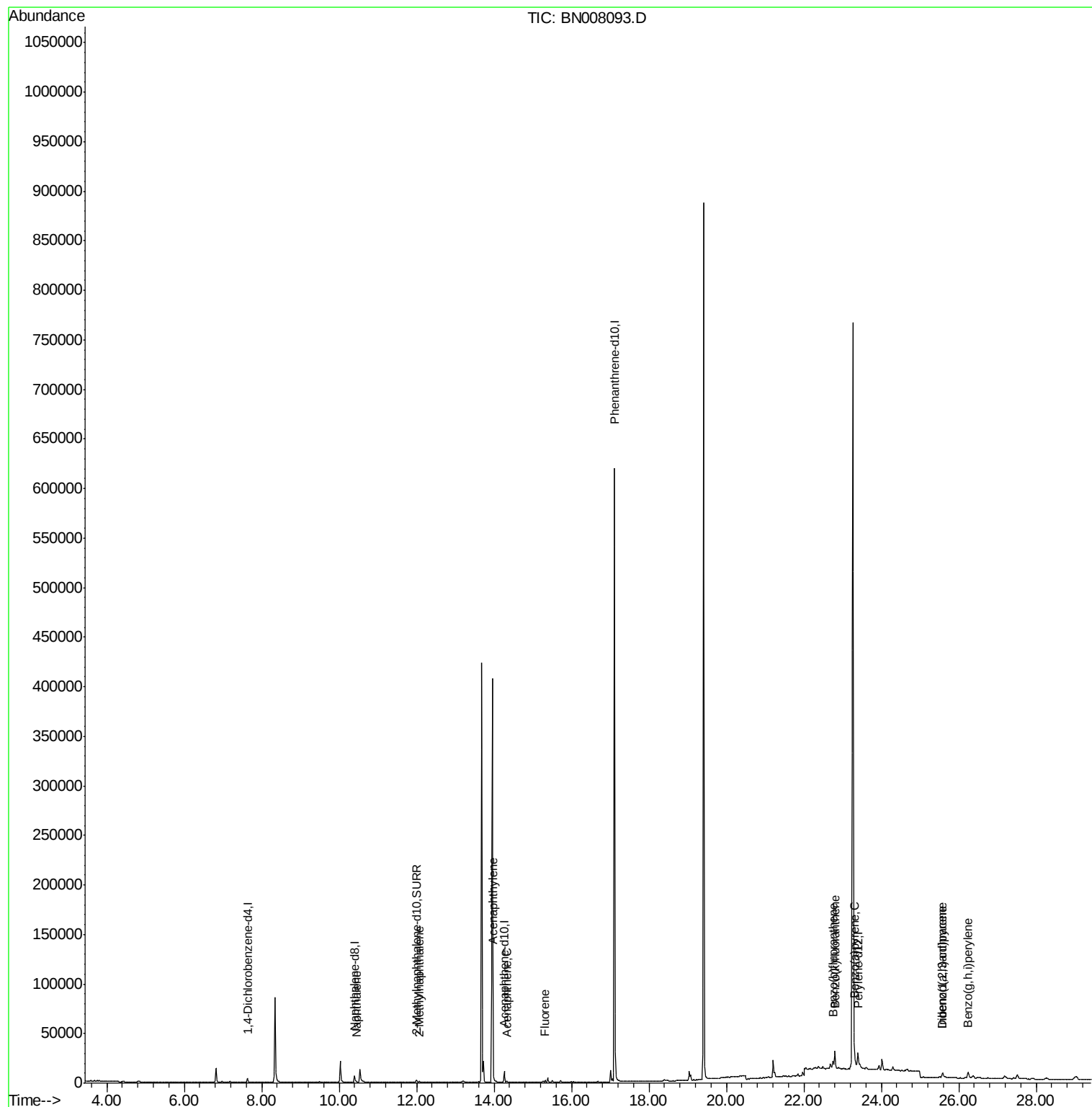
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1952	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	9188	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	5998	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	718321	0.40	ng/ul	0.09
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.22
20) Perylene-d12	23.40	264	18910	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3232	0.21	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	718	0.027	ng/ul#	66
5) 2-Methylnaphthalene	12.07	142	544	0.030	ng/ul	95
7) Acenaphthylene	13.98	152	1113	0.039	ng/ul#	79
8) Acenaphthene	14.32	153	641	0.029	ng/ul#	93
9) Fluorene	15.31	166	1060	0.042	ng/ul#	87
21) Benzo(b)fluoranthene	22.75	252	8077	0.131	ng/ul#	1
22) Benzo(k)fluoranthene	22.79	252	4735	0.068	ng/ul#	1
23) Benzo(a)pyrene	23.31	252	5195	0.080	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.58	276	6332	0.083	ng/ul#	41
25) Dibenzo(a,h)anthracene	25.59	278	4100	0.068	ng/ul#	1
26) Benzo(g,h,i)perylene	26.24	276	13253	0.189	ng/ul#	78

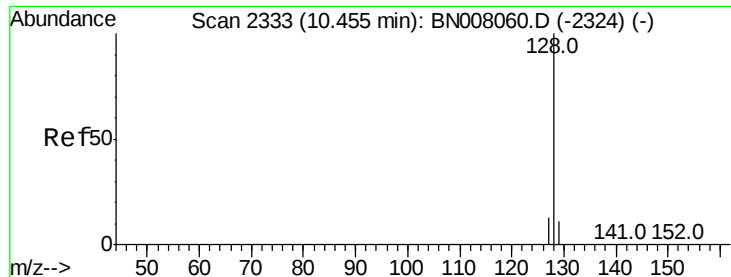
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.027 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BN008093.D

Acq: 12 Oct 2019 01:39

Instrument :

BNA_N

ClientSampleId :

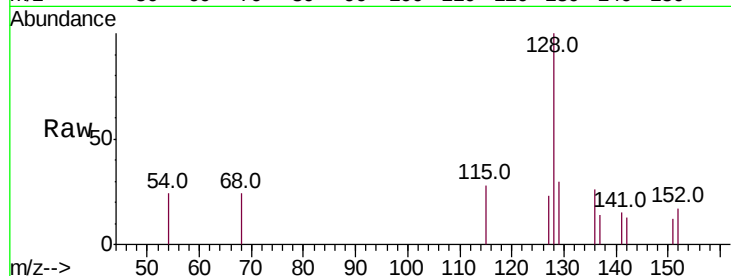
Tot Ion:128 Resp: 718

Ion Ratio Lower Upper

128 100

129 30.5 9.8 14.8#

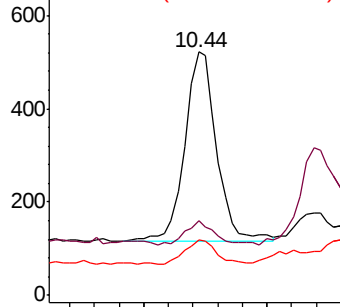
127 23.0 11.1 16.7#



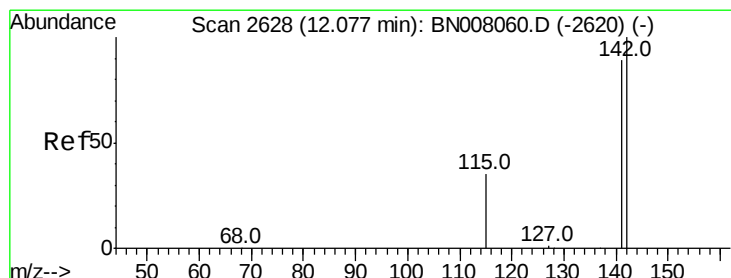
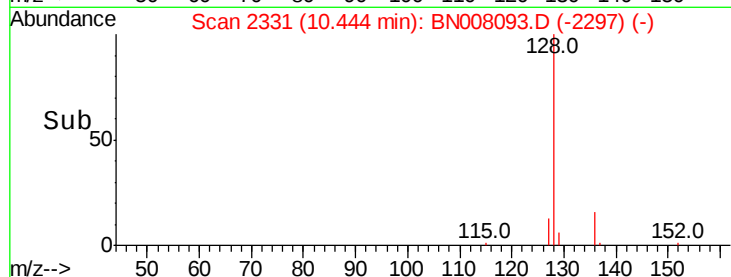
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.030 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BN008093.D

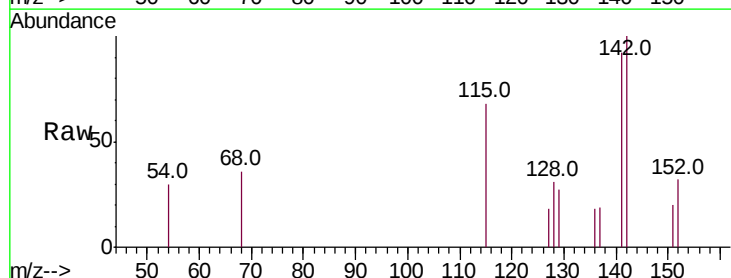
Acq: 12 Oct 2019 01:39

Tgt Ion:142 Resp: 544

Ion Ratio Lower Upper

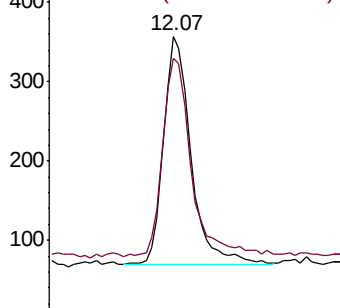
142 100

141 93.6 71.4 107.2

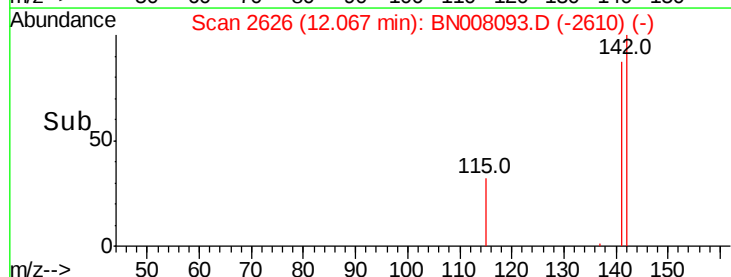


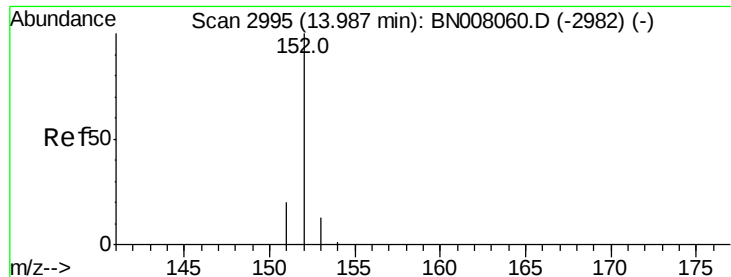
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#7

Acenaphthylene

Concen: 0.039 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BN008093.D

Acq: 12 Oct 2019 01:39

Instrument :

BNA_N

ClientSampleId :

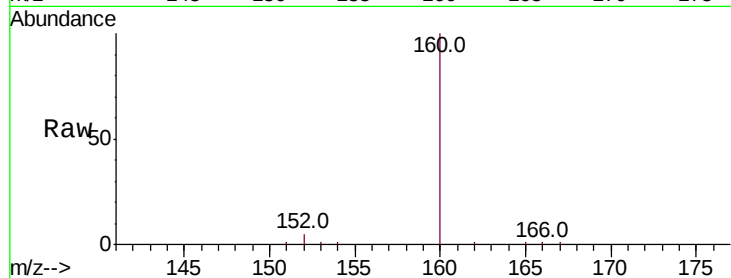
Tot Ion:152 Resp: 1113

Ion Ratio Lower Upper

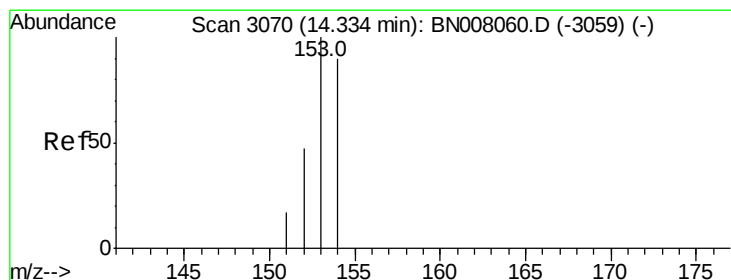
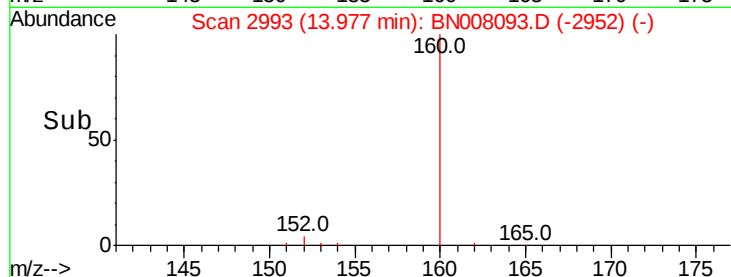
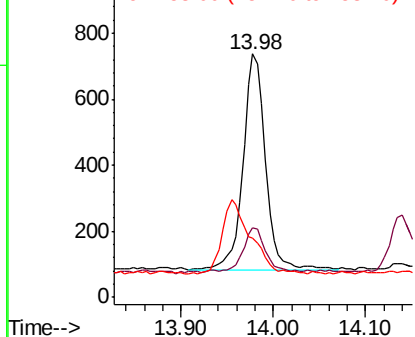
152 100

151 28.4 16.2 24.4#

153 24.4 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: 0.029 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN008093.D

Acq: 12 Oct 2019 01:39

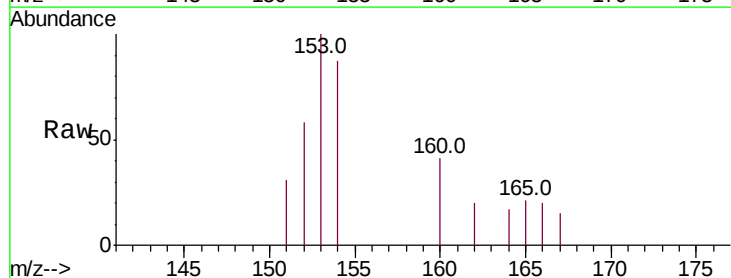
Tgt Ion:153 Resp: 641

Ion Ratio Lower Upper

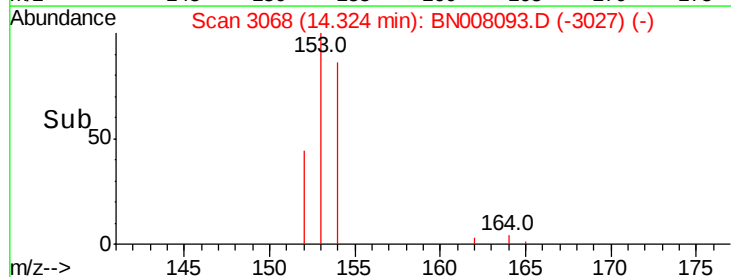
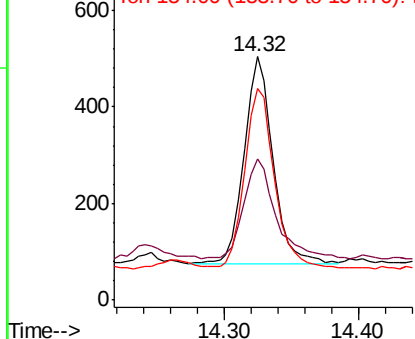
153 100

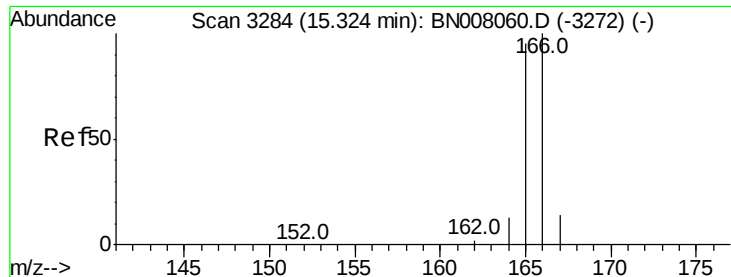
152 57.9 38.2 57.2#

154 86.9 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: 0.042 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.01 min

Lab File: BN008093.D

Acq: 12 Oct 2019 01:39

Instrument :

BNA_N

ClientSampled :

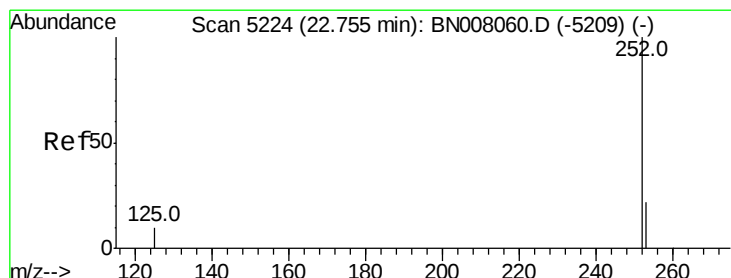
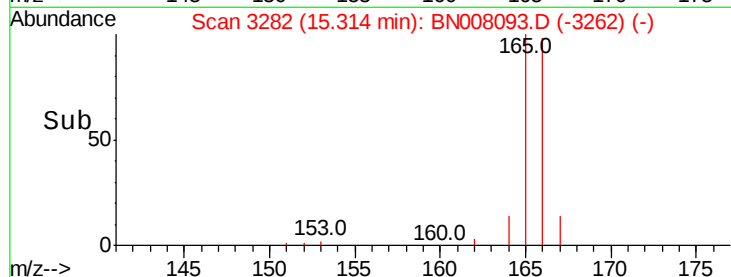
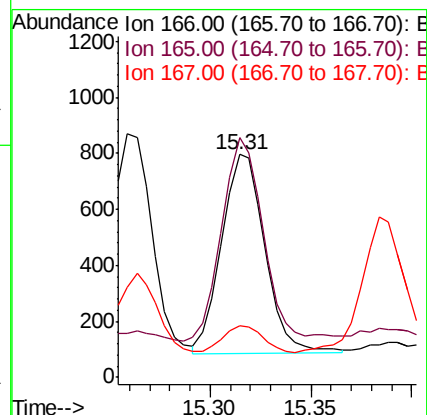
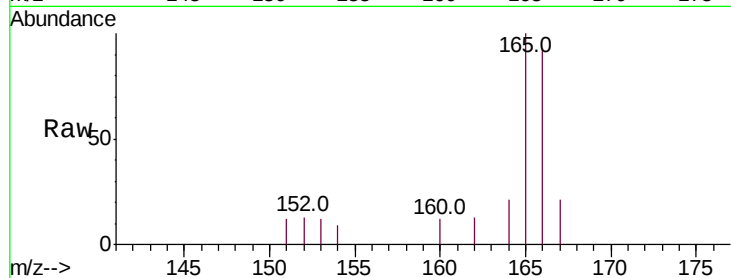
Tot Ion:166 Resp: 1060

Ion Ratio Lower Upper

166 100

165 107.4 76.6 115.0

167 23.0 11.7 17.5#



#21

Benzo(b)fluoranthene

Concen: 0.131 ng/ul

RT: 22.75 min Scan# 5221

Delta R.T. -0.01 min

Lab File: BN008093.D

Acq: 12 Oct 2019 01:39

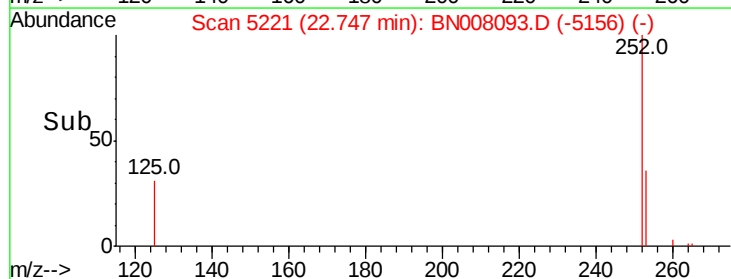
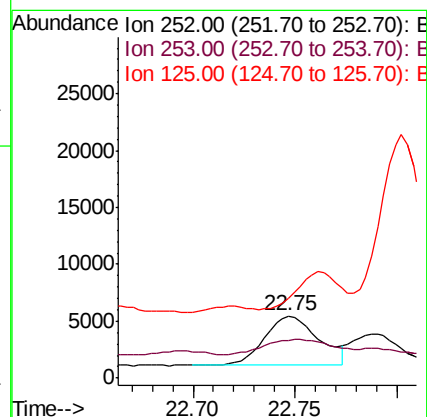
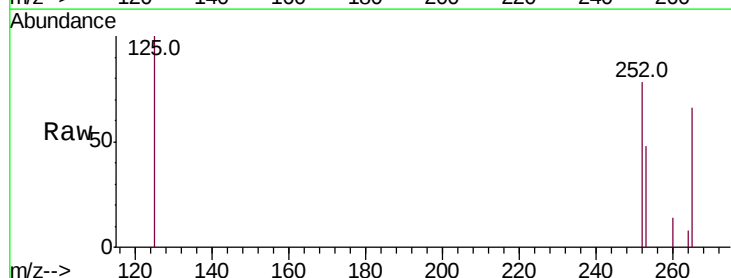
Tgt Ion:252 Resp: 8077

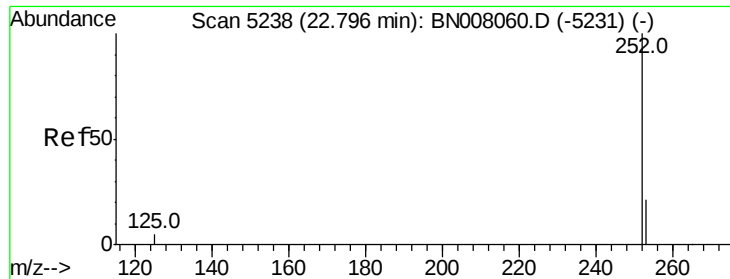
Ion Ratio Lower Upper

252 100

253 61.2 0.0 53.4#

125 128.2 0.0 32.4#





#22

Benzo(k)fluoranthene

Concen: 0.068 ng/ul

RT: 22.79 min Scan# 5235

Delta R.T. -0.01 min

Lab File: BN008093.D

Acq: 12 Oct 2019 01:39

Instrument :

BNA_N

ClientSampleId :

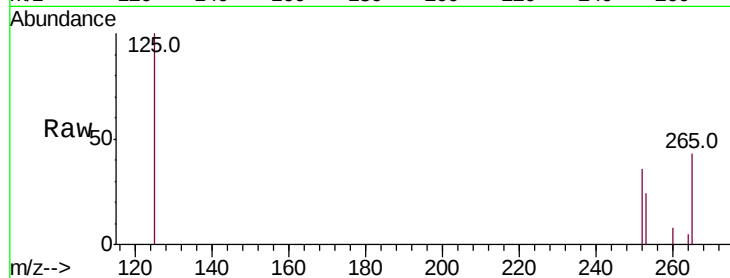
Tot Ion:252 Resp: 4735

Ion Ratio Lower Upper

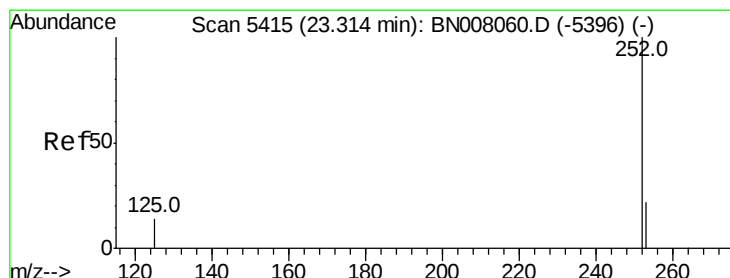
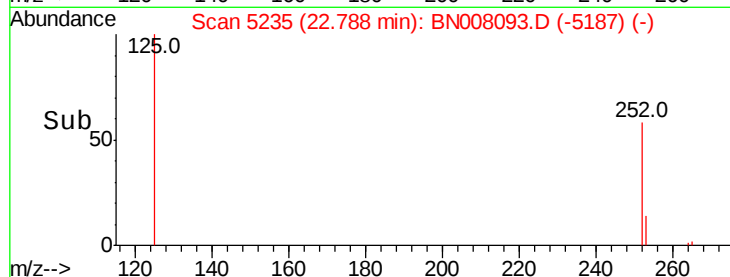
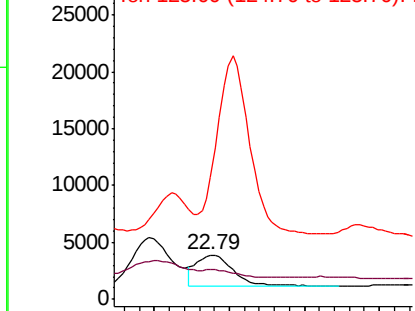
252 100

253 66.9 21.3 31.9#

125 275.3 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: 0.080 ng/ul

RT: 23.31 min Scan# 5412

Delta R.T. -0.01 min

Lab File: BN008093.D

Acq: 12 Oct 2019 01:39

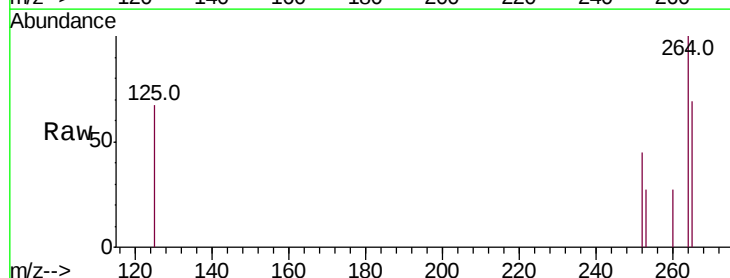
Tgt Ion:252 Resp: 5195

Ion Ratio Lower Upper

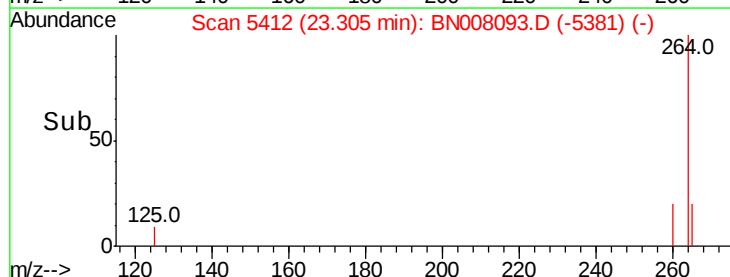
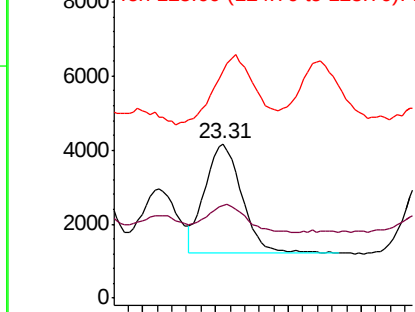
252 100

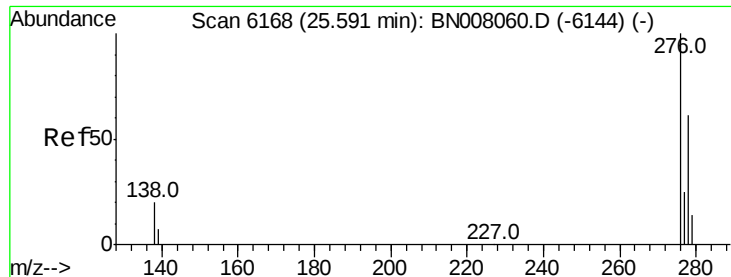
253 59.7 22.8 34.2#

125 147.2 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



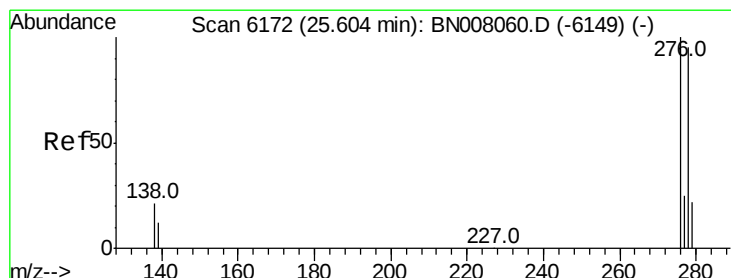
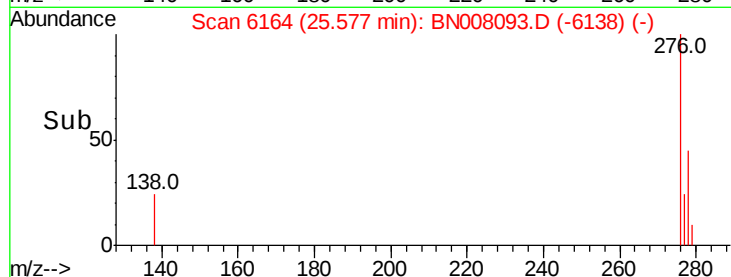
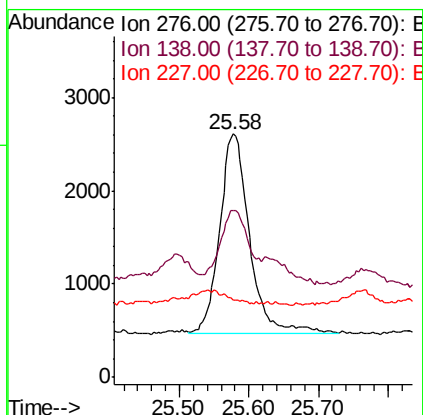
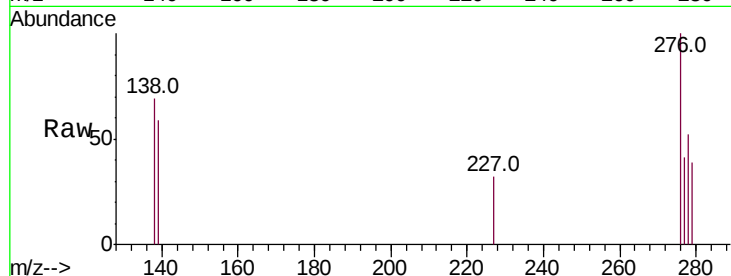


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.083 ng/ul
RT: 25.58 min Scan# 6164
Delta R.T. -0.01 min
Lab File: BN008093.D
Acq: 12 Oct 2019 01:39

Instrument :
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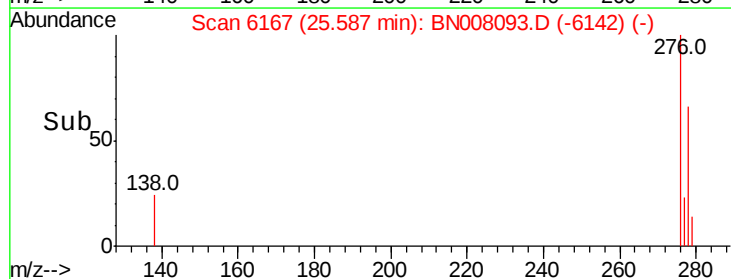
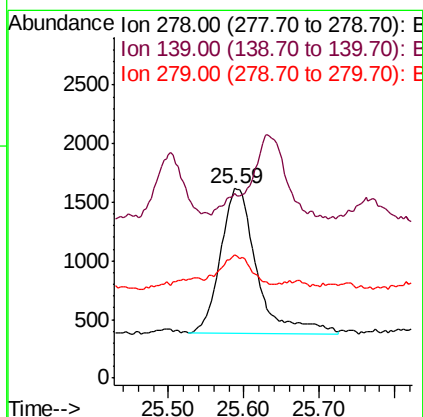
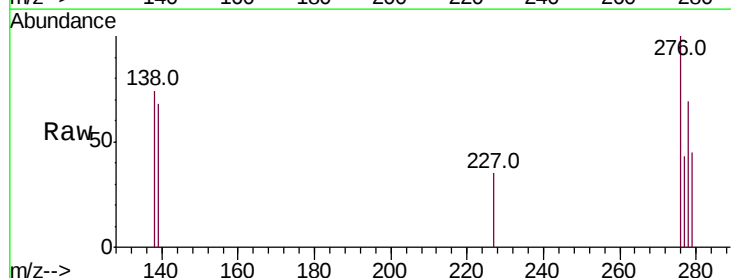
Tot Ion:276 Resp: 6332
Ion Ratio Lower Upper
276 100
138 47.5 16.1 24.1#
227 0.0 0.2 0.2#

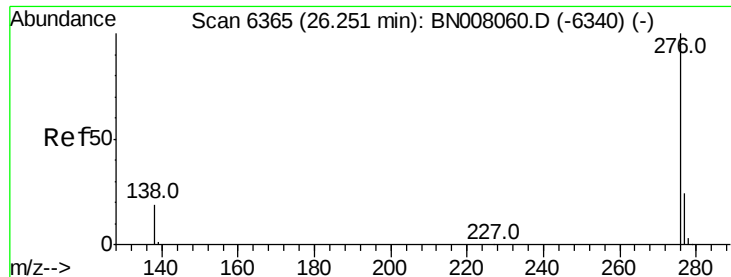


#25

Dibenzo(a,h)anthracene
Concen: 0.068 ng/ul
RT: 25.59 min Scan# 6167
Delta R.T. -0.02 min
Lab File: BN008093.D
Acq: 12 Oct 2019 01:39

Tgt Ion:278 Resp: 4100
Ion Ratio Lower Upper
278 100
139 97.6 15.0 22.6#
279 65.2 22.4 33.6#





#26

Benzo(a,h,i)perylene

Concen: 0.189 ng/ul

RT: 26.24 min Scan# 6362

Delta R.T. -0.01 min

Lab File: BN008093.D

Acq: 12 Oct 2019 01:39

Instrument :

BNA_N

ClientSampleId :

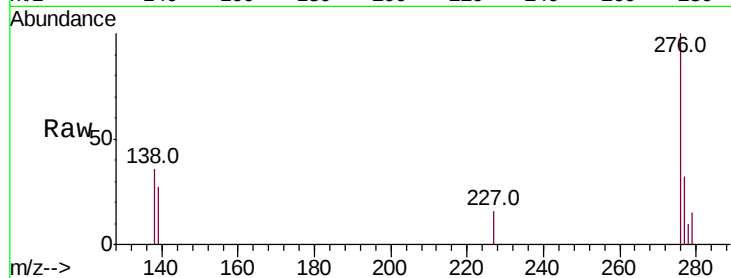
Tot Ion:276 Resp: 13253

Ion Ratio Lower Upper

276 100

138 36.2 17.0 25.4#

277 32.3 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

