

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008114.D
 Acq On : 12 Oct 2019 15:57
 Operator : JU
 Sample : K5178-05
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 12 21:40:56 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

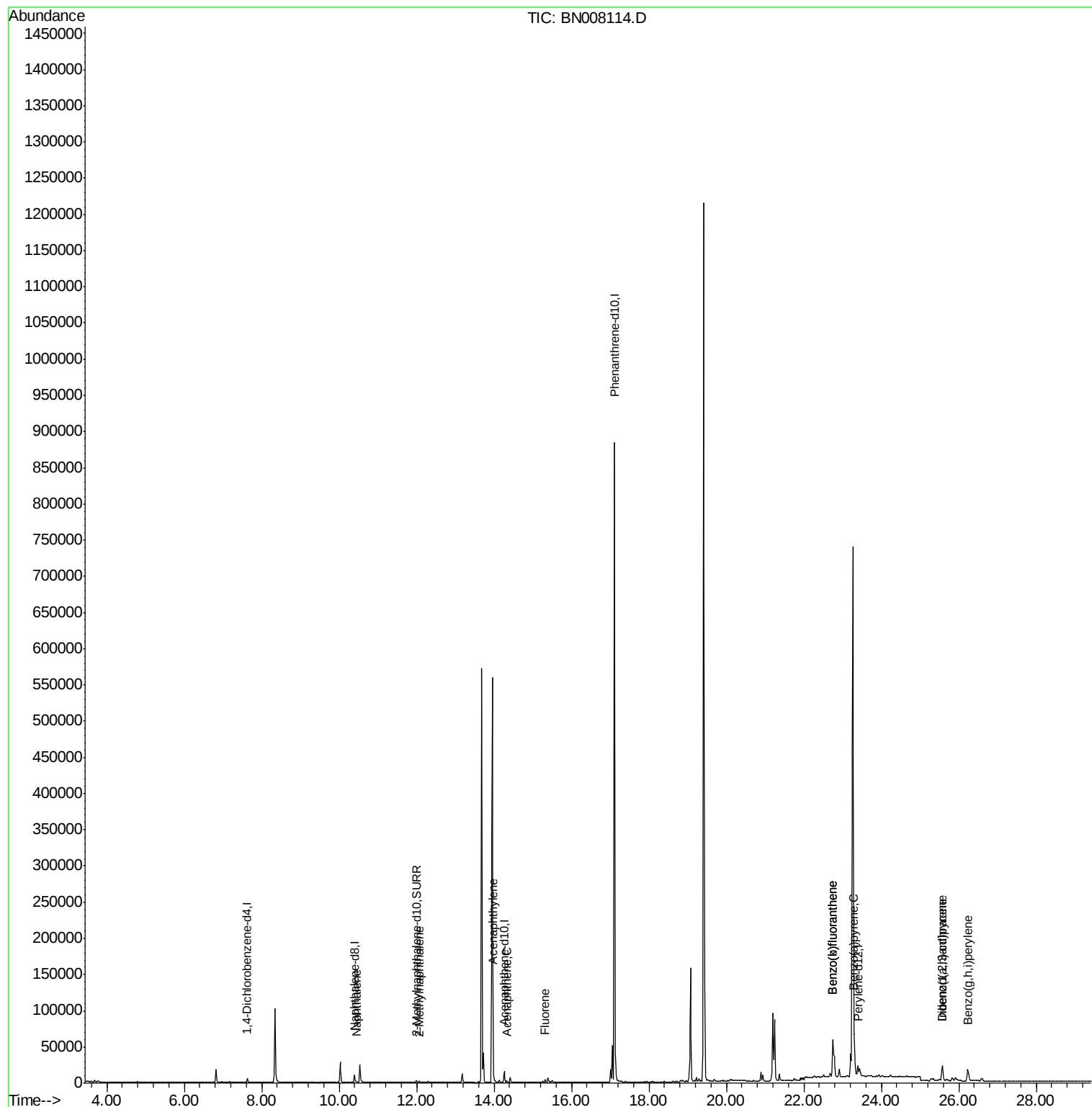
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2918	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	14059	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	9059	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	984452	0.40	ng/ul	0.09
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.22
20) Perylene-d12	23.40	264	17901	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	4318	0.18	ng/ul	-0.01
14) Fluoranthene-d10	19.11	212	341	0.00	ng/ul	0.06
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	2425	0.061	ng/ul#	90
5) 2-Methylnaphthalene	12.07	142	1381	0.050	ng/ul	99
7) Acenaphthylene	13.98	152	7604	0.176	ng/ul	97
8) Acenaphthene	14.32	153	1803	0.054	ng/ul	98
9) Fluorene	15.31	166	2487	0.065	ng/ul#	95
21) Benzo(b)fluoranthene	22.75	252	115815	1.987	ng/ul	97
22) Benzo(k)fluoranthene	22.75	252	115815	1.754	ng/ul	98
23) Benzo(a)pyrene	23.30	252	59247	0.966	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.57	276	34342	0.475	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.58	278	8110	0.142	ng/ul#	70
26) Benzo(g,h,i)perylene	26.23	276	33329	0.503	ng/ul	98

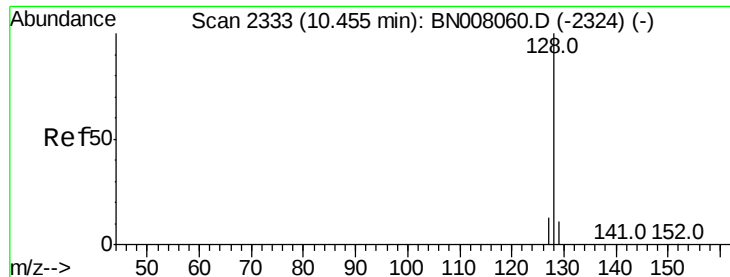
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.061 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BN008114.D

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ClientSampleId :

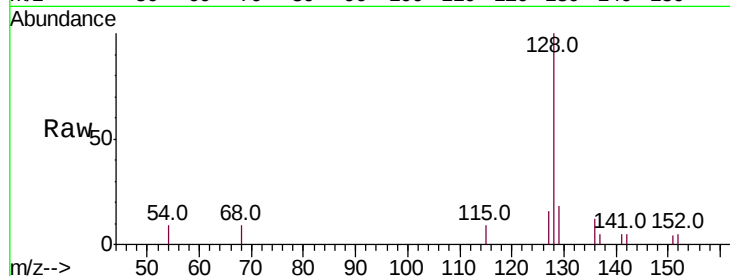
Tot Ion:128 Resp: 2425

Ion Ratio Lower Upper

128 100

129 17.6 9.8 14.8#

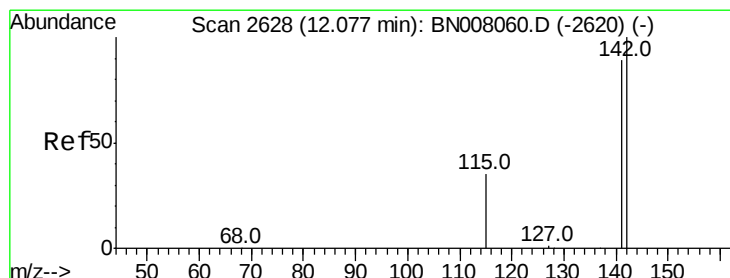
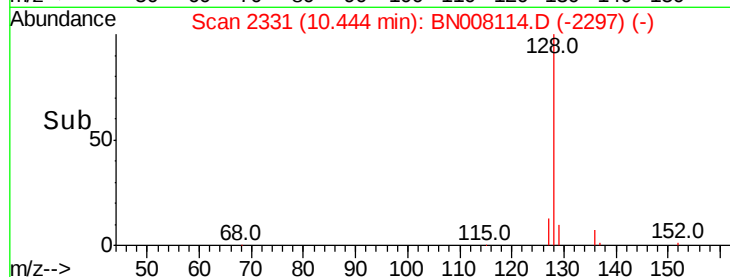
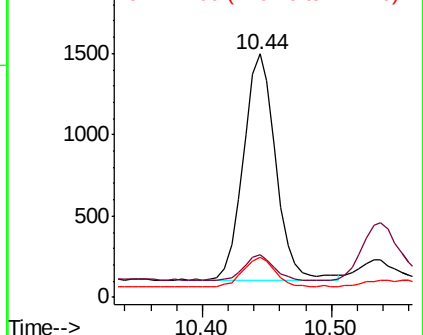
127 16.4 11.1 16.7



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: 0.050 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BN008114.D

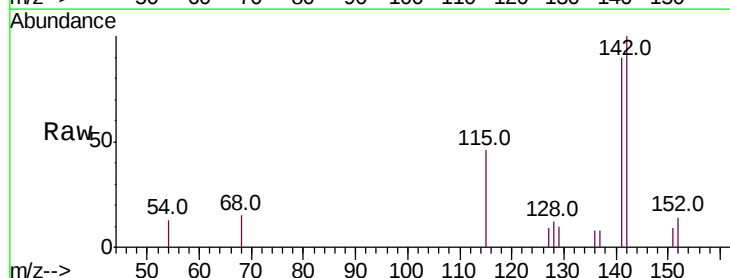
Acq: 12 Oct 2019 15:57

Tgt Ion:142 Resp: 1381

Ion Ratio Lower Upper

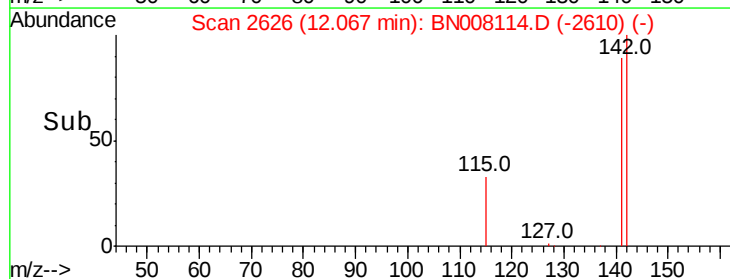
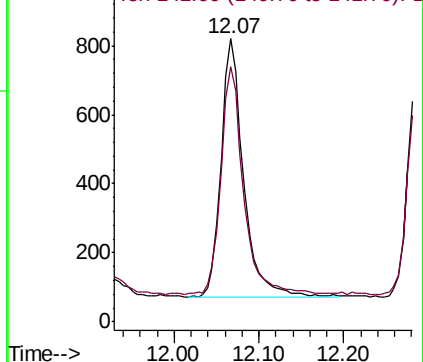
142 100

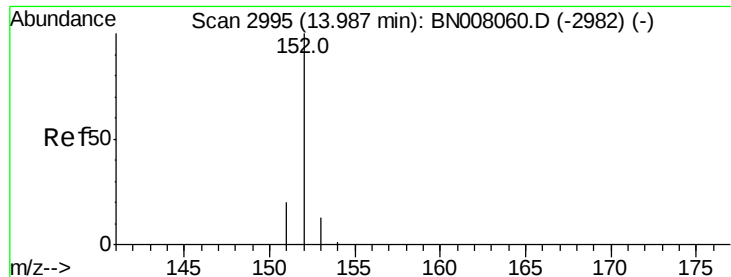
141 87.9 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.176 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BN008114.D

Acq: 12 Oct 2019 15:57

Instrument :

BNA_N

ClientSampleId :

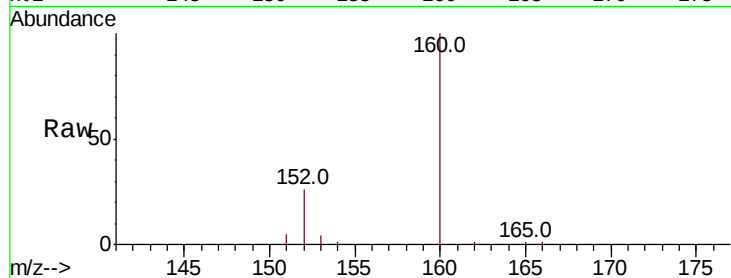
Tot Ion:152 Resp: 7604

Ion Ratio Lower Upper

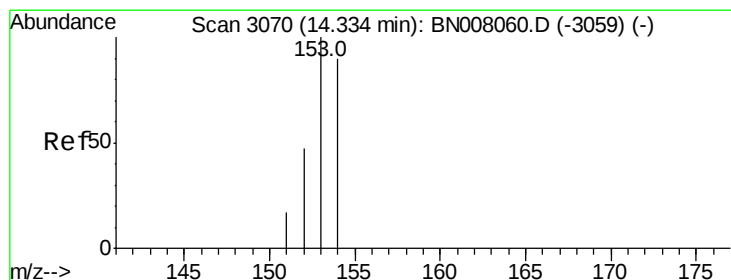
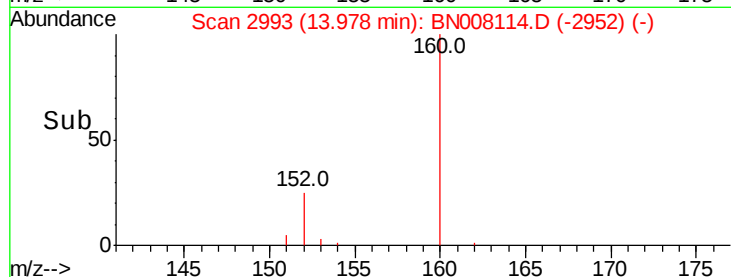
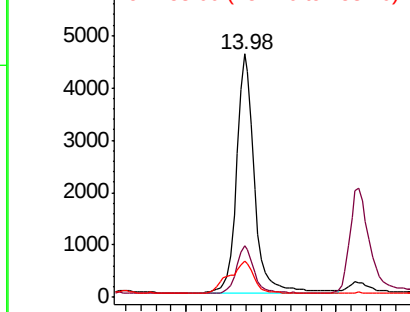
152 100

151 21.3 16.2 24.4

153 15.0 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



#8

Acenaphthene

Concen: 0.054 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN008114.D

Acq: 12 Oct 2019 15:57

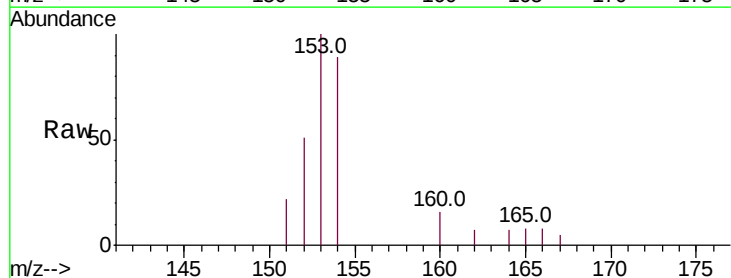
Tgt Ion:153 Resp: 1803

Ion Ratio Lower Upper

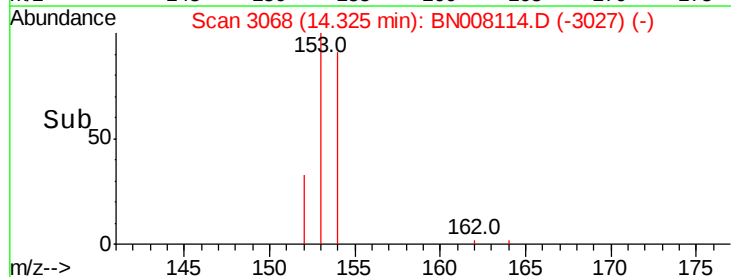
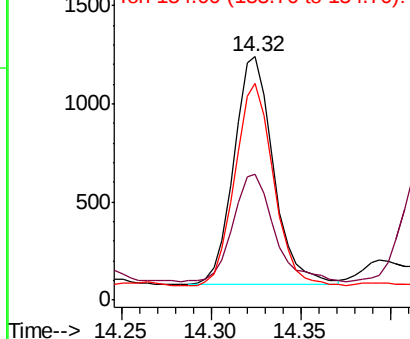
153 100

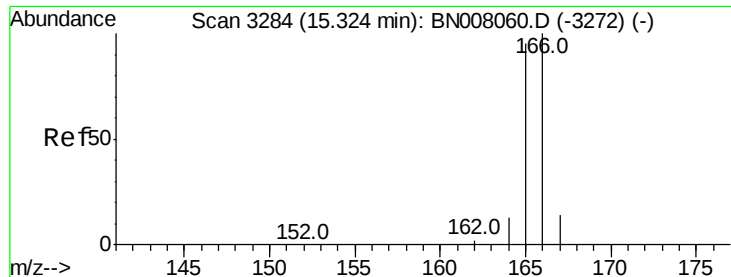
152 51.5 38.2 57.2

154 89.2 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

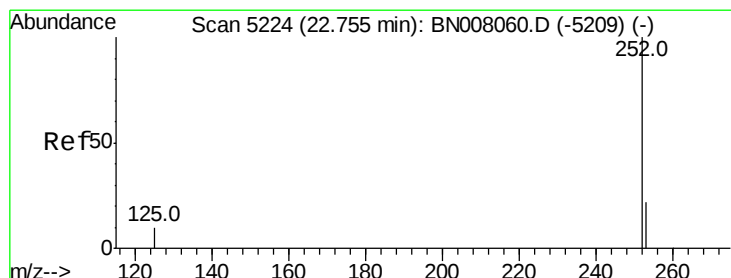
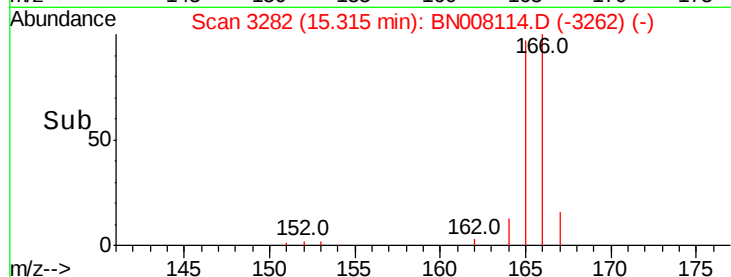
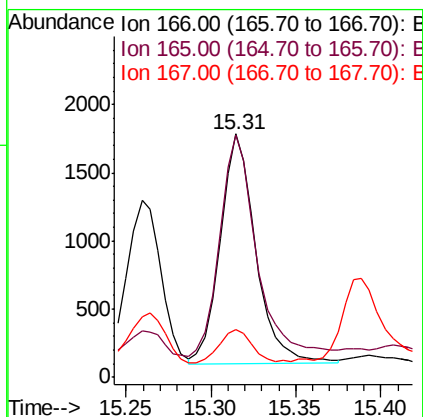
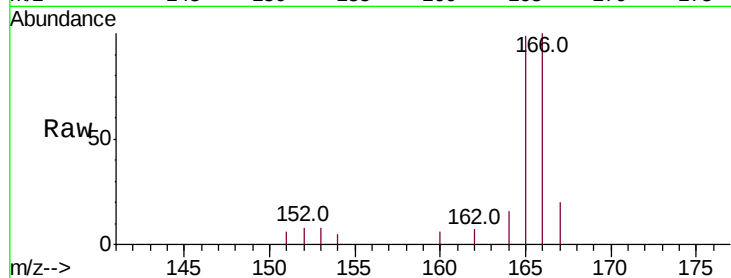




#9
Fluorene
 Concen: 0.065 ng/ul
 RT: 15.31 min Scan# 3282
 Delta R.T. -0.01 min
 Lab File: BN008114.D
 Acq: 12 Oct 2019 15:57

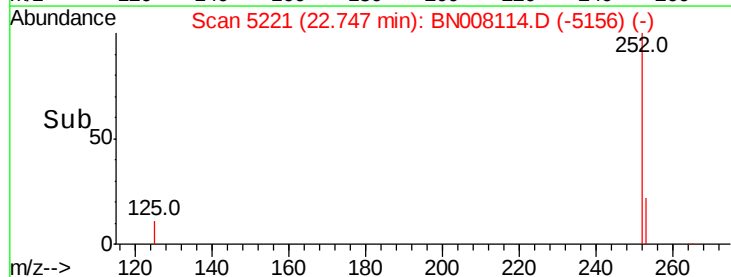
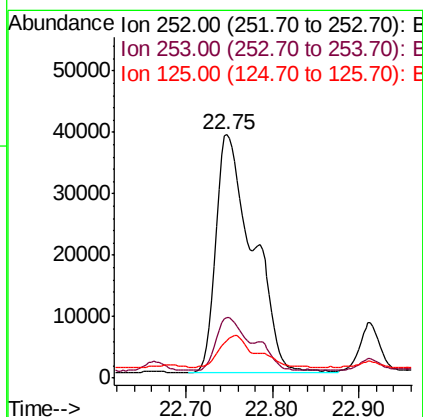
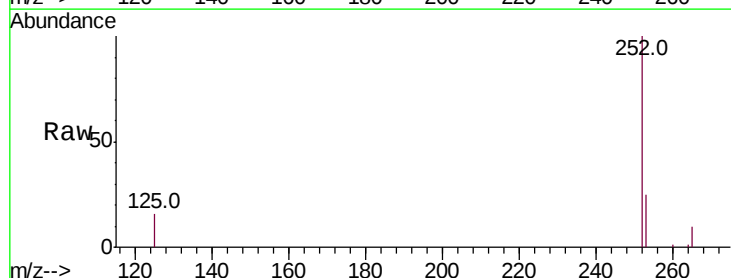
Instrument :
 BNA_N
 ClientSampleId :

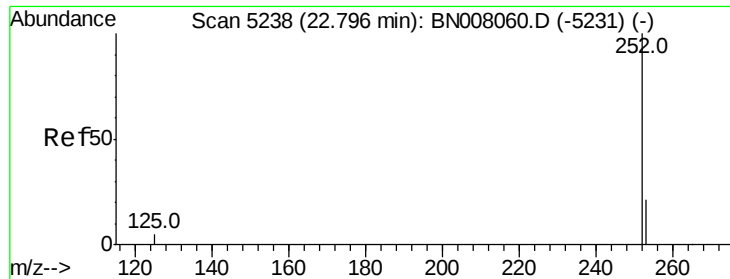
Tot Ion:166 Resp: 2487
 Ion Ratio Lower Upper
 166 100
 165 99.4 76.6 115.0
 167 19.8 11.7 17.5#



#21
Benzo(b)fluoranthene
 Concen: 1.987 ng/ul
 RT: 22.75 min Scan# 5221
 Delta R.T. -0.01 min
 Lab File: BN008114.D
 Acq: 12 Oct 2019 15:57

Tgt Ion:252 Resp: 115815
 Ion Ratio Lower Upper
 252 100
 253 24.8 0.0 53.4
 125 15.7 0.0 32.4

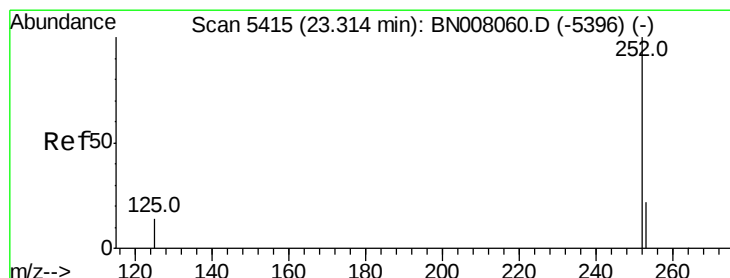
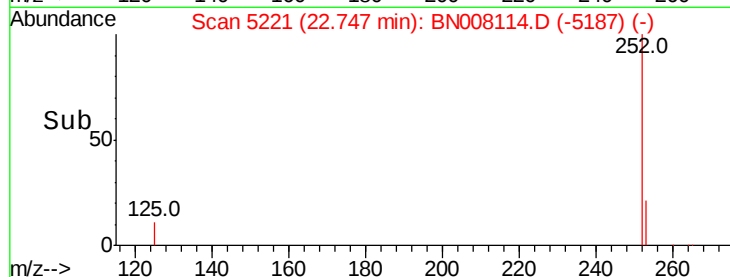
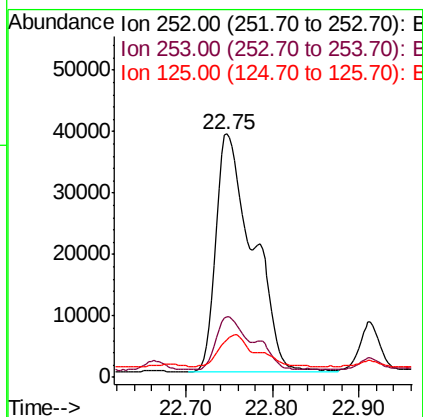
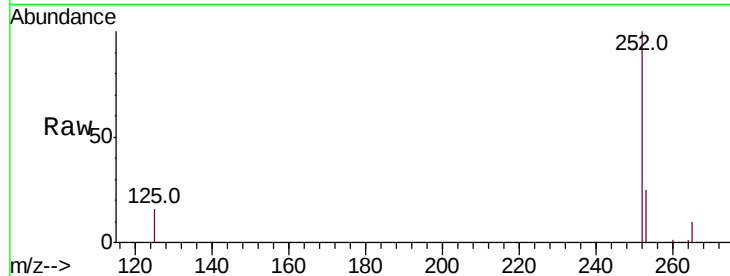




#22
Benzo(k)fluoranthene
Concen: 1.754 ng/ul
RT: 22.75 min Scan# 5221
Delta R.T. -0.05 min
Lab File: BN008114.D
Acq: 12 Oct 2019 15:57

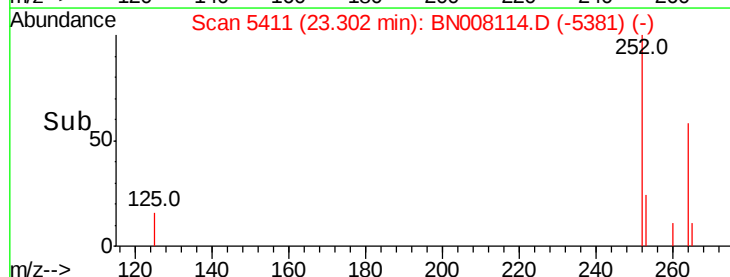
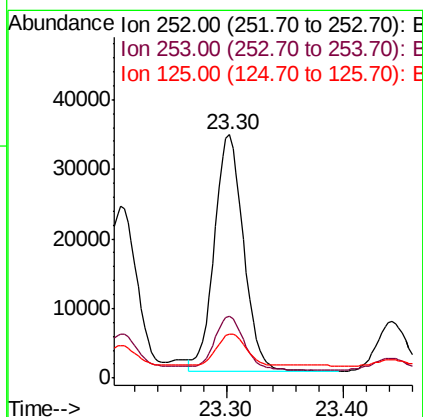
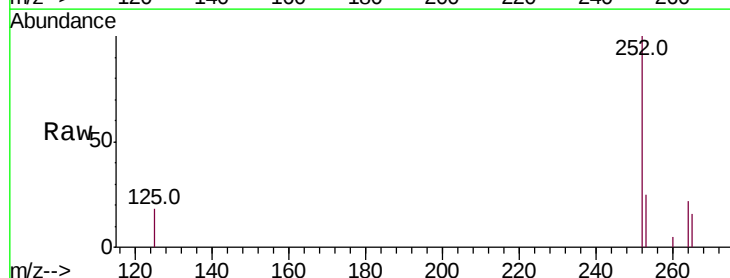
Instrument :
BNA_N
ClientSampleId :

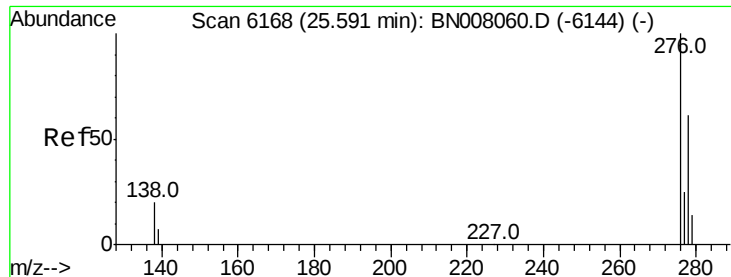
Tot Ion:252 Resp: 115815
Ion Ratio Lower Upper
252 100
253 24.8 21.3 31.9
125 15.7 12.3 18.5



#23
Benzo(a)pyrene
Concen: 0.966 ng/ul
RT: 23.30 min Scan# 5411
Delta R.T. -0.01 min
Lab File: BN008114.D
Acq: 12 Oct 2019 15:57

Tgt Ion:252 Resp: 59247
Ion Ratio Lower Upper
252 100
253 25.4 22.8 34.2
125 17.9 18.4 27.6#

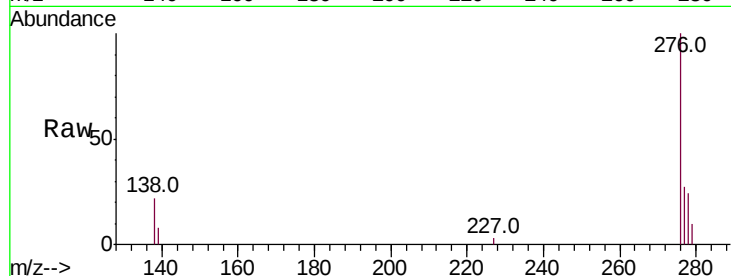




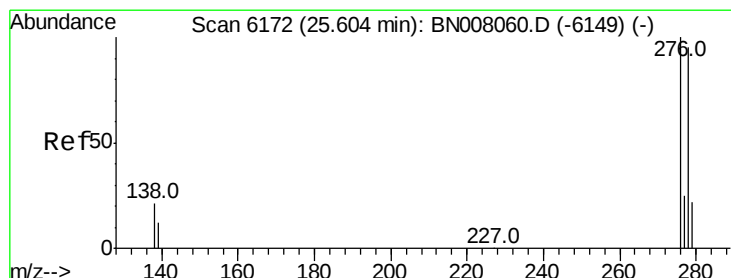
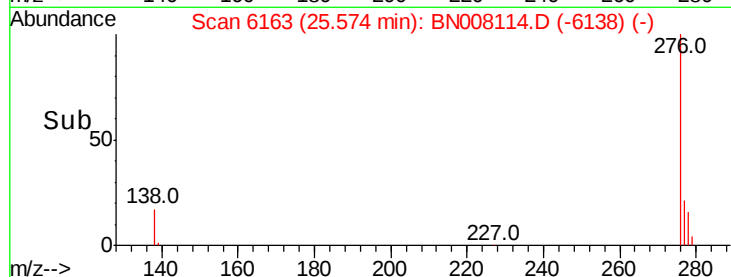
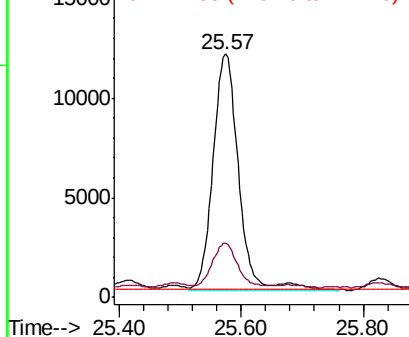
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.475 ng/ul
 RT: 25.57 min Scan# 6163
 Delta R.T. -0.02 min
 Lab File: BN008114.D
 Acq: 12 Oct 2019 15:57

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 34342
 Ion Ratio Lower Upper
 276 100
 138 17.5 16.1 24.1
 227 0.1 0.2 0.2#

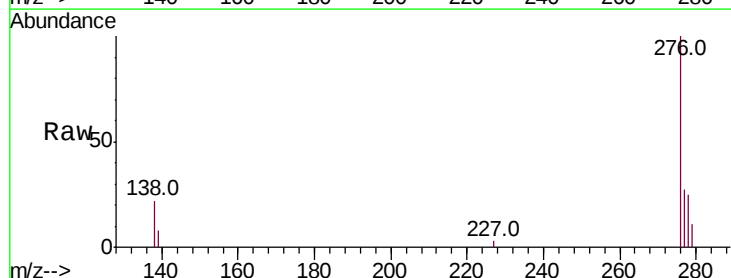


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

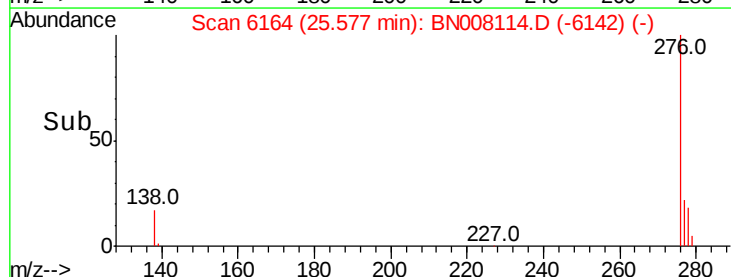
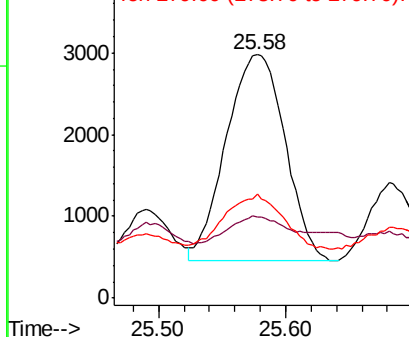


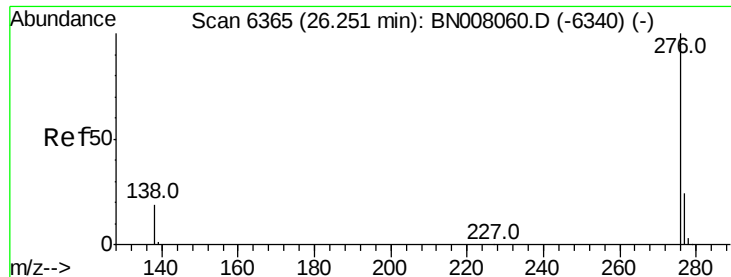
#25
 Dibenzo(a,h)anthracene
 Concen: 0.142 ng/ul
 RT: 25.58 min Scan# 6164
 Delta R.T. -0.03 min
 Lab File: BN008114.D
 Acq: 12 Oct 2019 15:57

Tgt Ion:278 Resp: 8110
 Ion Ratio Lower Upper
 278 100
 139 33.5 15.0 22.6#
 279 42.6 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: 0.503 ng/ul

RT: 26.23 min Scan# 6360

Delta R.T. -0.02 min

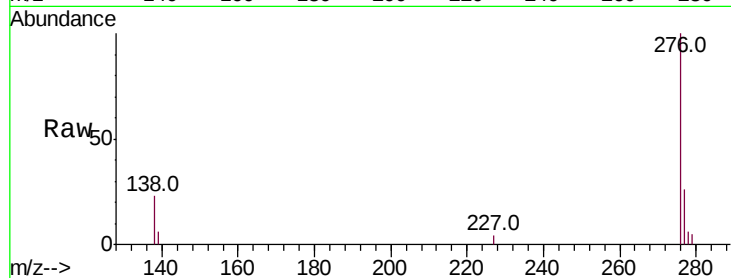
Lab File: BN008114.D

Acq: 12 Oct 2019 15:57

Instrument :

BNA_N

ClientSampleId :



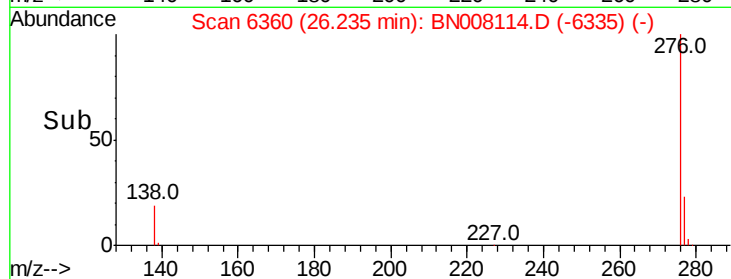
Tot Ion:276 Resp: 33329

Ion Ratio Lower Upper

276 100

138 22.7 17.0 25.4

277 25.8 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

15000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

