

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008320.D
 Acq On : 22 Oct 2019 18:22
 Operator : JU
 Sample : K5199-22DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 23 01:04:43 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 : Mon Oct 21 23:58:15 2019
 Response via : Initial Calibration

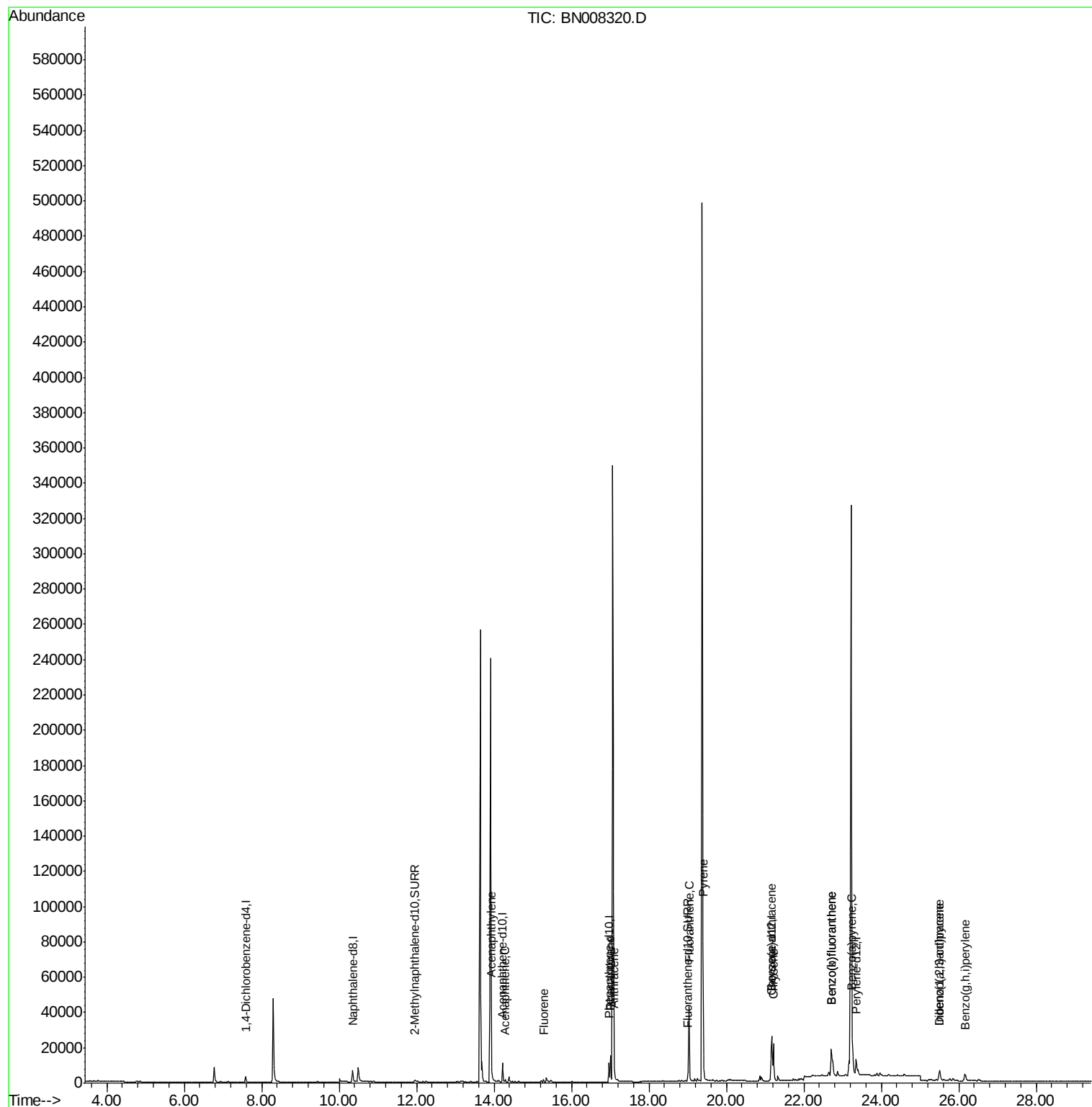
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1815	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	8950	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5737	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12657	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	12162	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	10941	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	1830	0.12	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	5754	0.13	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.94	152	1358	0.050	ng/ul#	72
8) Acenaphthene	14.28	153	685	0.032	ng/ul	97
9) Fluorene	15.27	166	757	0.031	ng/ul#	91
12) Phenanthrene	17.01	178	16348	0.441	ng/ul	99
13) Anthracene	17.10	178	3450	0.106	ng/ul	95
15) Fluoranthene	19.04	202	37258	0.761	ng/ul	98
17) Pyrene	19.40	202	37966	0.784	ng/ul	98
18) Benzo(a)anthracene	21.16	228	20544	0.465	ng/ul	96
19) Chrysene	21.21	228	22505	0.415	ng/ul	97
21) Benzo(b)fluoranthene	22.71	252	32655	0.917	ng/ul	96
22) Benzo(k)fluoranthene	22.71	252	32655	0.809	ng/ul#	96
23) Benzo(a)pyrene	23.26	252	16093	0.429	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.50	276	9736	0.221	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.51	278	2279	0.065	ng/ul#	55
26) Benzo(g,h,i)perylene	26.16	276	8043	0.199	ng/ul#	92

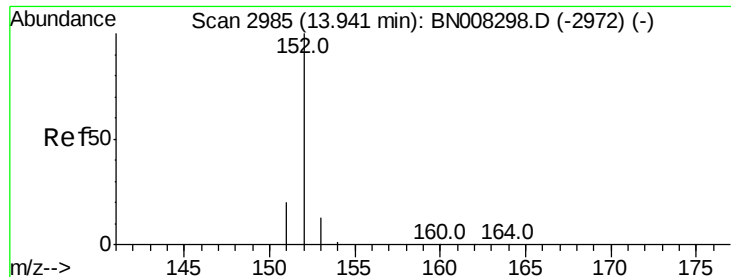
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.050 ng/ul

RT: 13.94 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BN008320.D

Acq: 22 Oct 2019 18:22

Instrument :

BNA_N

ClientSampleId :

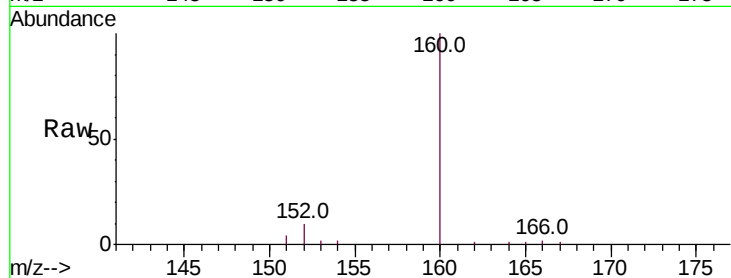
Tot Ion:152 Resp: 1358

Ion Ratio Lower Upper

152 100

151 36.3 16.2 24.4#

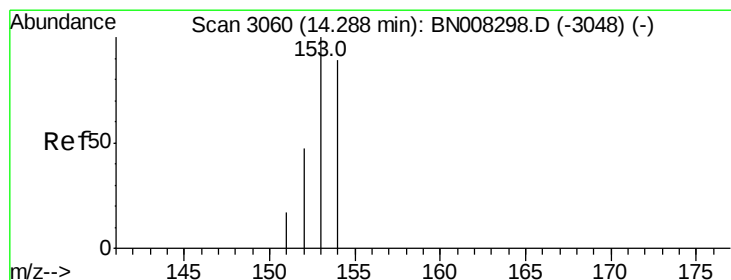
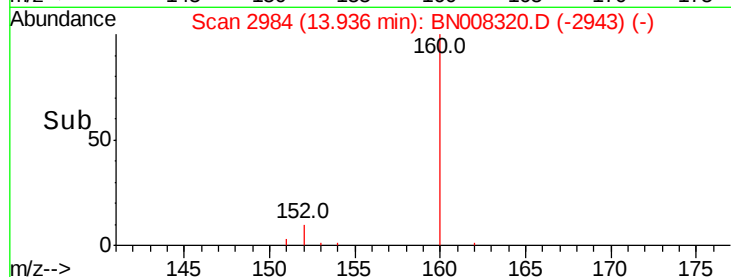
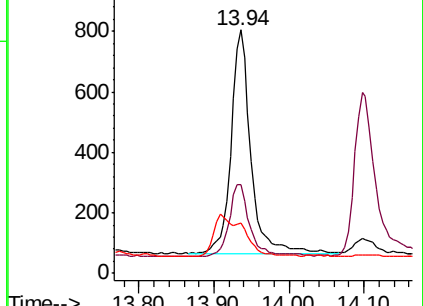
153 20.9 11.0 16.4#



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: 0.032 ng/ul

RT: 14.28 min Scan# 3059

Delta R.T. -0.00 min

Lab File: BN008320.D

Acq: 22 Oct 2019 18:22

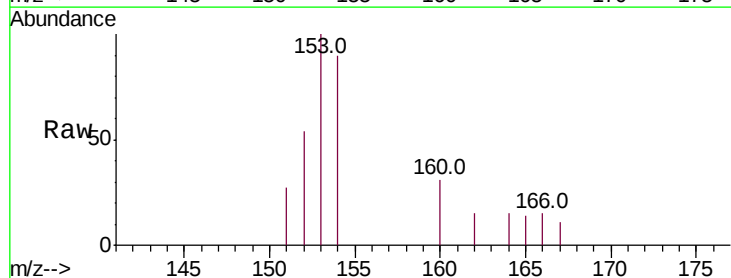
Tgt Ion:153 Resp: 685

Ion Ratio Lower Upper

153 100

152 53.9 38.2 57.2

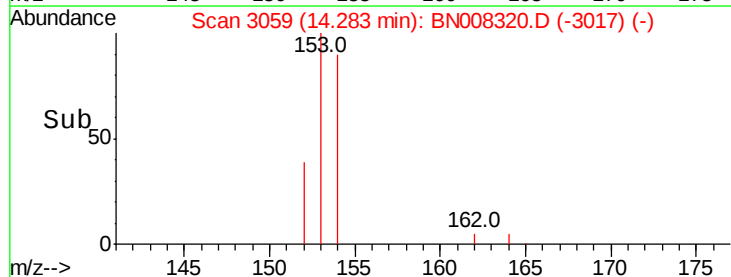
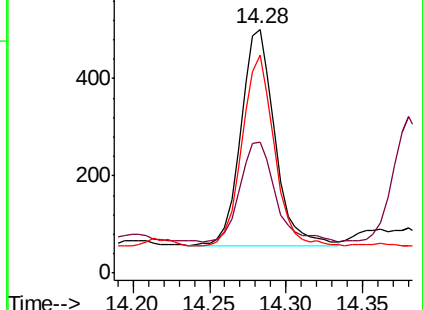
154 89.6 71.8 107.8

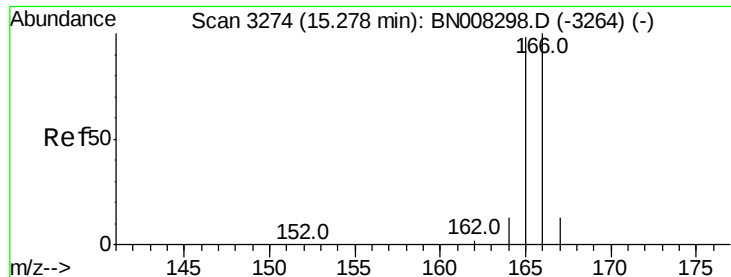


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.031 ng/ul

RT: 15.27 min Scan# 3273

Delta R.T. -0.01 min

Lab File: BN008320.D

Acq: 22 Oct 2019 18:22

Instrument :

BNA_N

ClientSampleId :

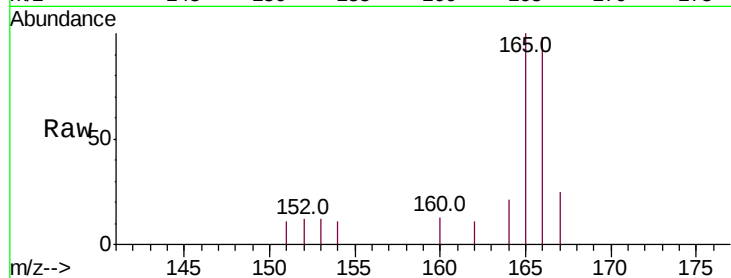
Tot Ion:166 Resp: 757

Ion Ratio Lower Upper

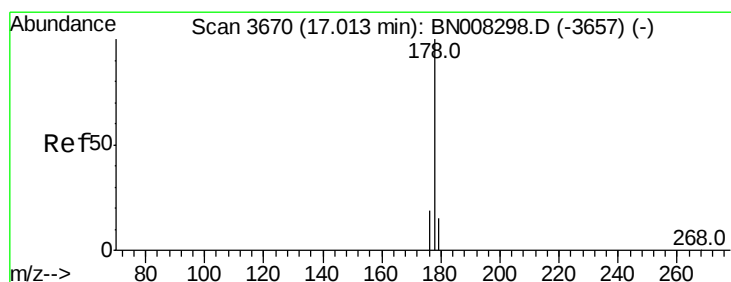
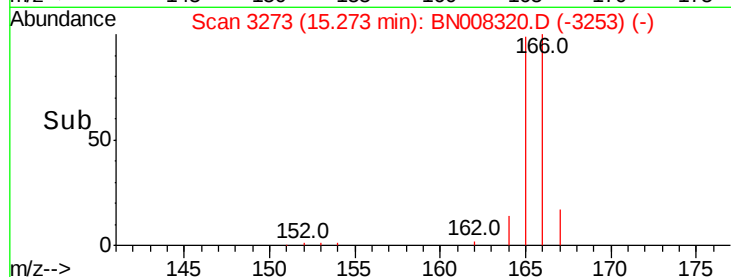
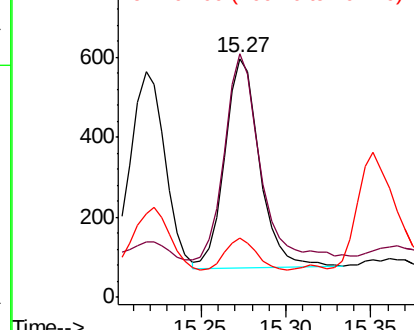
166 100

165 101.8 76.6 115.0

167 25.0 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



#12

Phenanthrene

Concen: 0.441 ng/ul

RT: 17.01 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BN008320.D

Acq: 22 Oct 2019 18:22

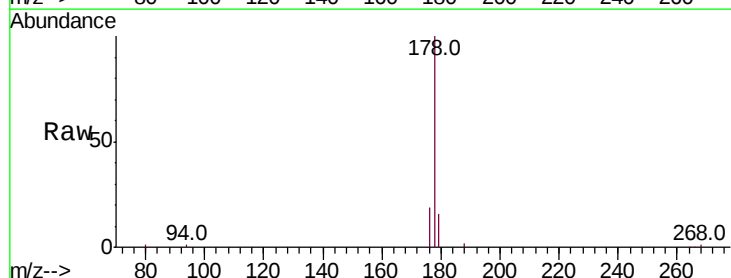
Tgt Ion:178 Resp: 16348

Ion Ratio Lower Upper

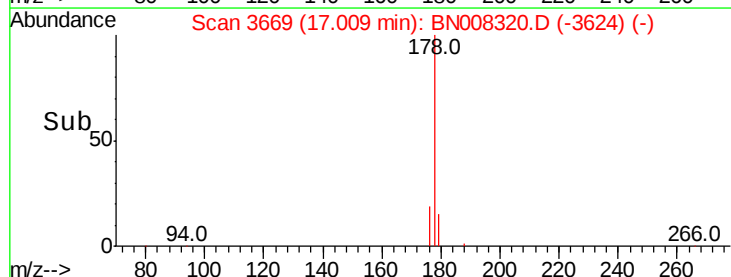
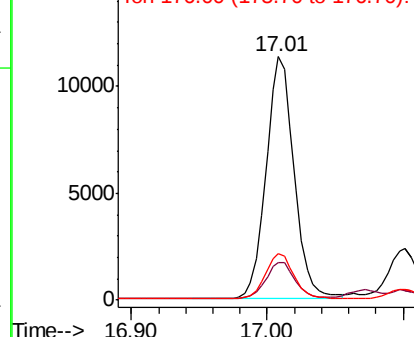
178 100

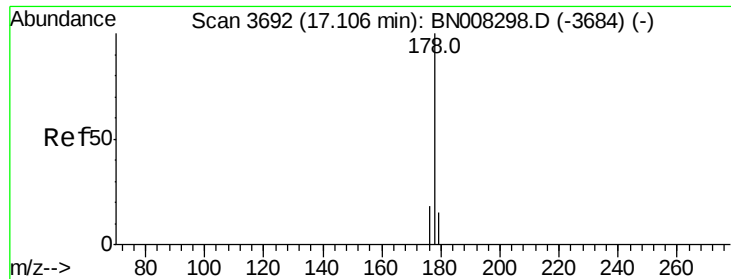
179 15.6 12.8 19.2

176 19.2 15.4 23.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.106 ng/ul

RT: 17.10 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BN008320.D

Acq: 22 Oct 2019 18:22

Instrument :

BNA_N

ClientSampleId :

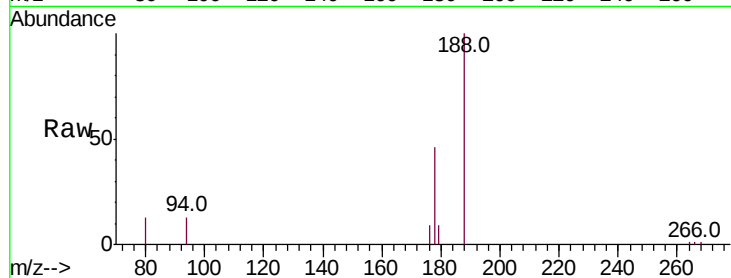
Tot Ion:178 Resp: 3450

Ion Ratio Lower Upper

178 100

179 19.2 13.0 19.6

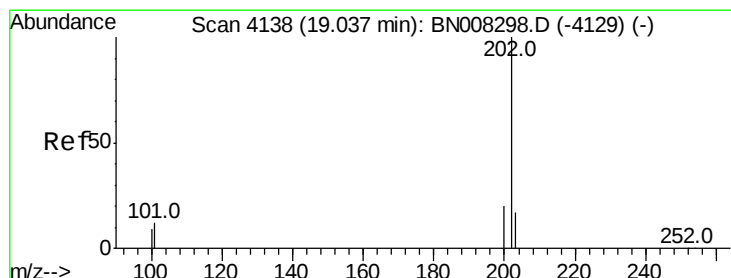
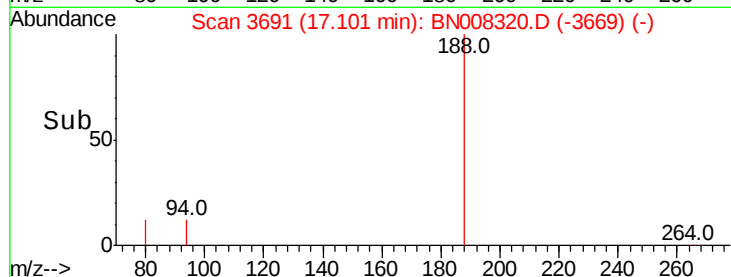
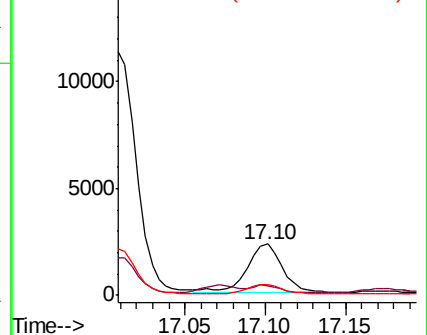
176 20.6 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.761 ng/ul

RT: 19.04 min Scan# 4138

Delta R.T. -0.00 min

Lab File: BN008320.D

Acq: 22 Oct 2019 18:22

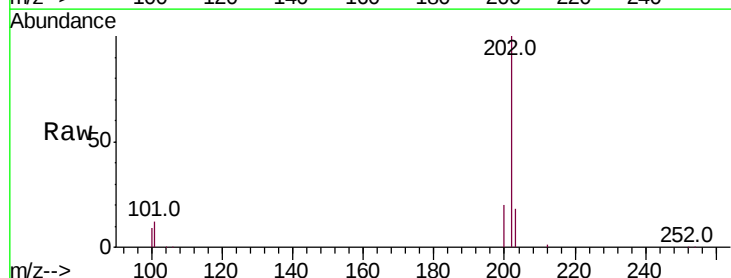
Tgt Ion:202 Resp: 37258

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.2

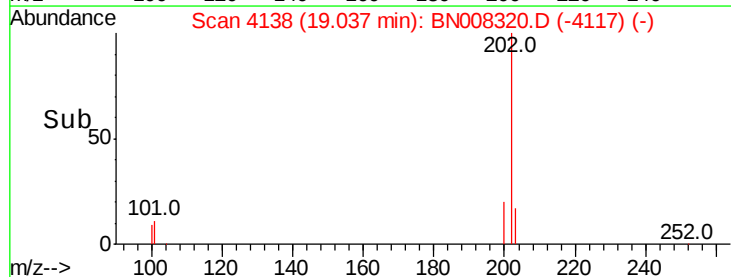
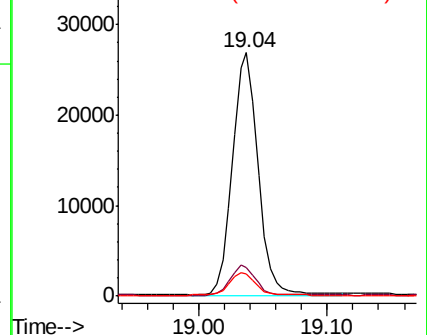
100 8.9 0.0 28.5

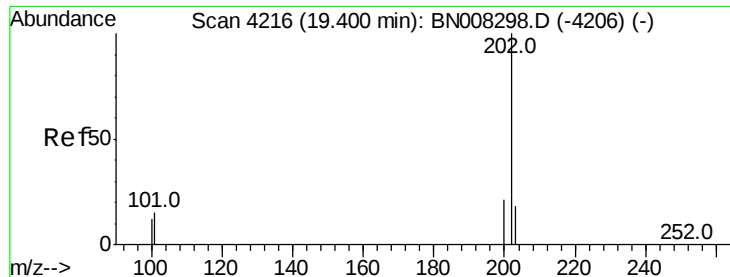


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

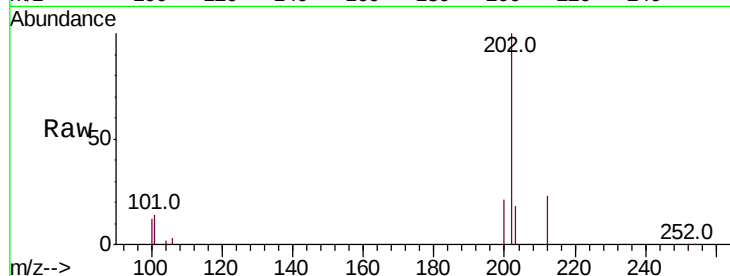




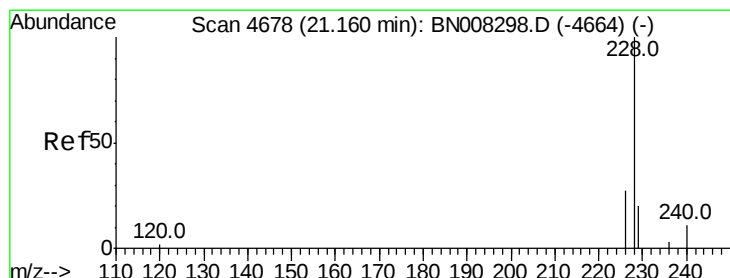
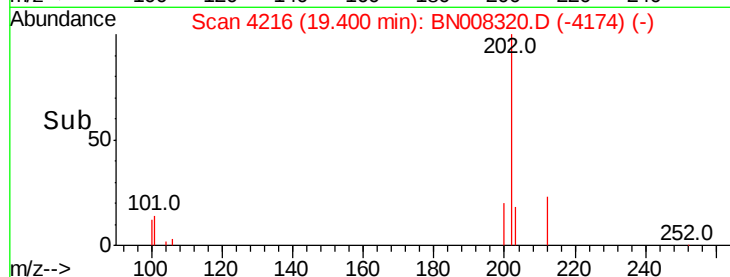
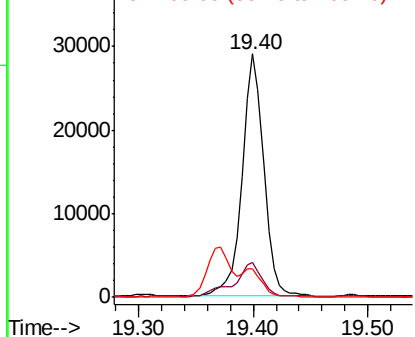
#17
Pvrene
Concen: 0.784 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008320.D
Acq: 22 Oct 2019 18:22

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.2	10.9	16.3
100	11.8	8.7	13.1

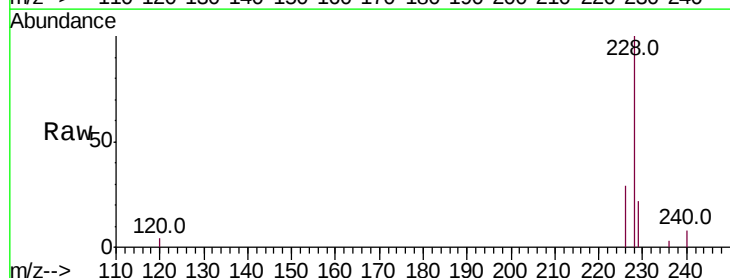


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

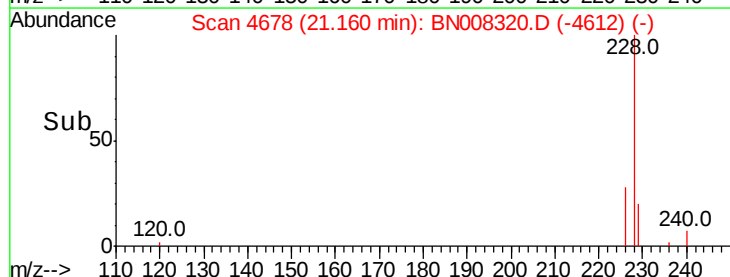
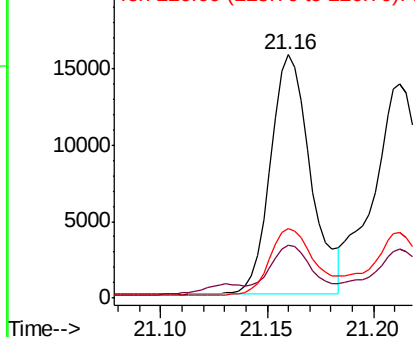


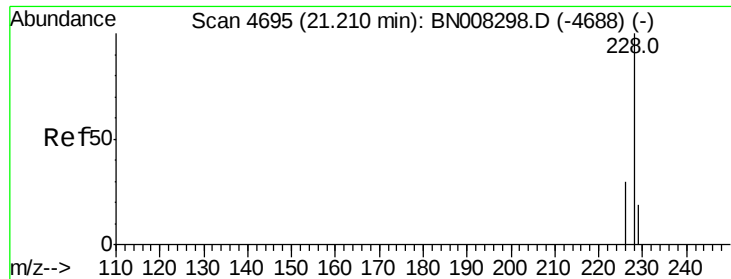
#18
Benzo(a)anthracene
Concen: 0.465 ng/ul
RT: 21.16 min Scan# 4678
Delta R.T. -0.01 min
Lab File: BN008320.D
Acq: 22 Oct 2019 18:22

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.2	24.2
226	28.7	21.4	32.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.415 ng/ul

RT: 21.21 min Scan# 4696

Delta R.T. -0.00 min

Lab File: BN008320.D

Acq: 22 Oct 2019 18:22

Instrument :

BNA_N

ClientSampleId :

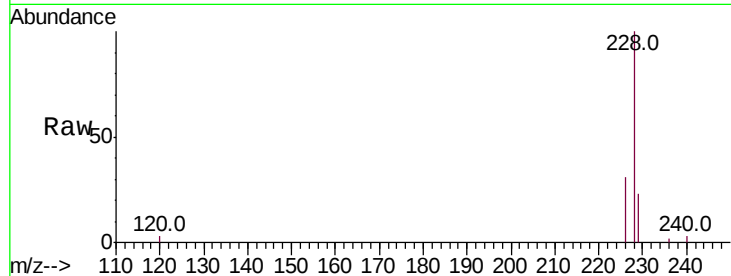
Tot Ion:228 Resp: 22505

Ion Ratio Lower Upper

228 100

226 30.6 24.1 36.1

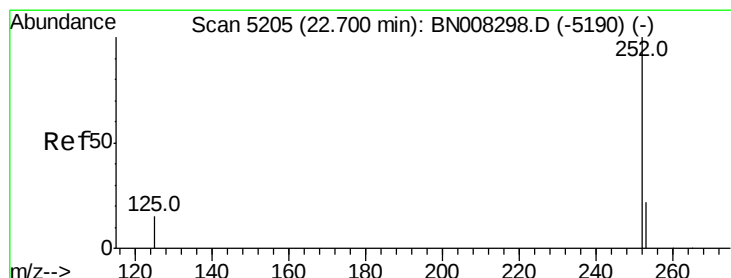
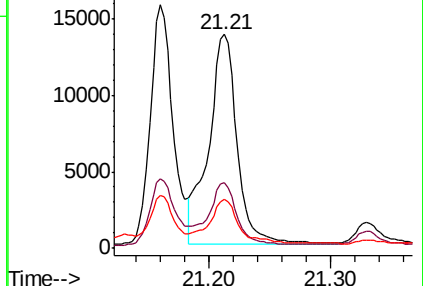
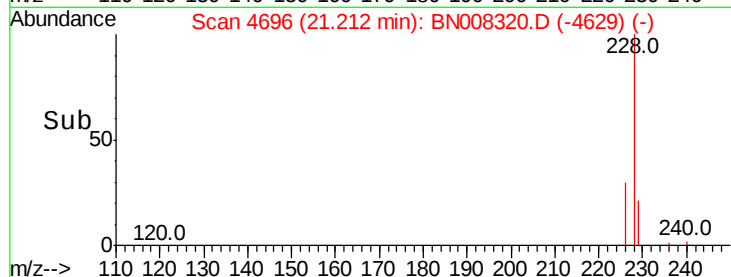
229 22.7 16.2 24.2



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: 0.917 ng/ul

RT: 22.71 min Scan# 5208

Delta R.T. 0.00 min

Lab File: BN008320.D

Acq: 22 Oct 2019 18:22

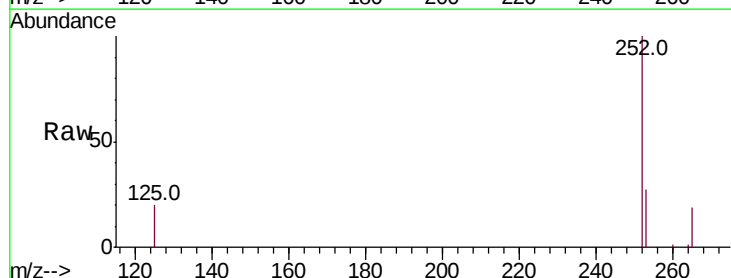
Tgt Ion:252 Resp: 32655

Ion Ratio Lower Upper

252 100

253 26.5 0.0 53.4

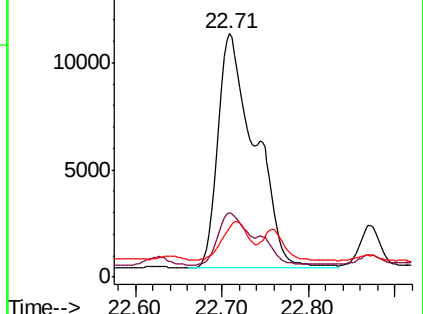
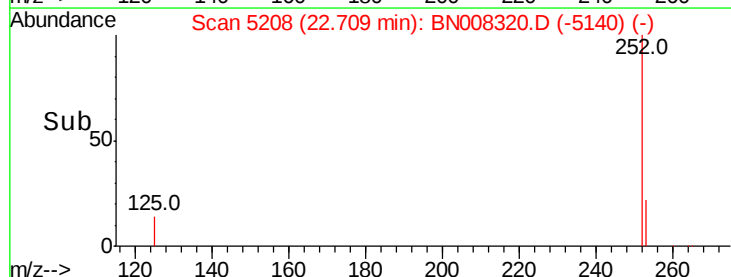
125 20.4 0.0 32.4

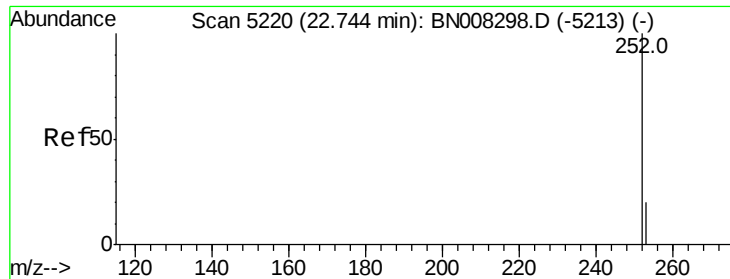


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.809 ng/ul

RT: 22.71 min Scan# 5208

Delta R.T. -0.04 min

Lab File: BN008320.D

Acq: 22 Oct 2019 18:22

Instrument :

BNA_N

ClientSampleId :

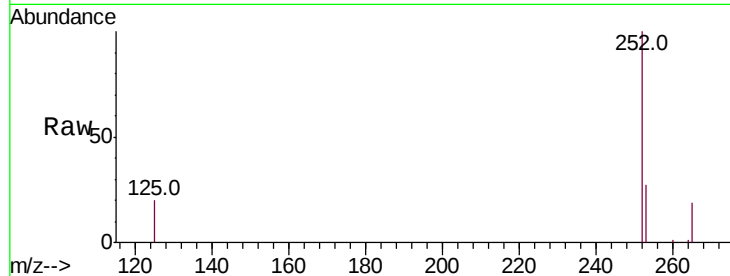
Tot Ion:252 Resp: 32655

Ion Ratio Lower Upper

252 100

253 26.5 21.3 31.9

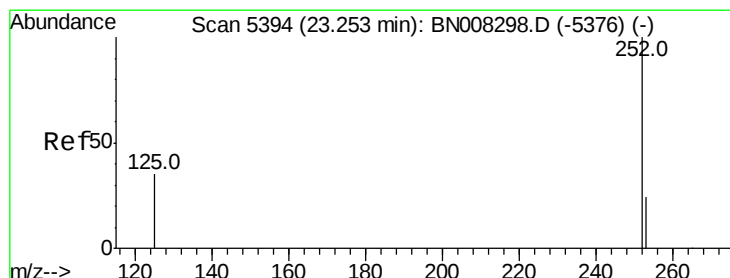
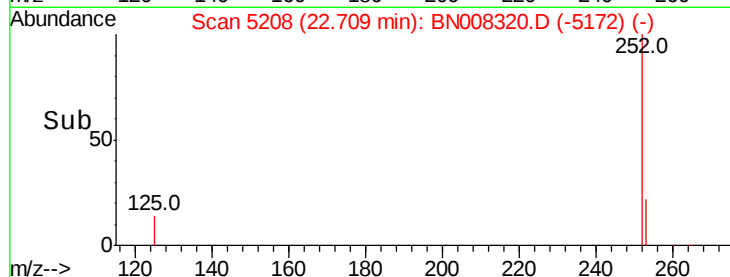
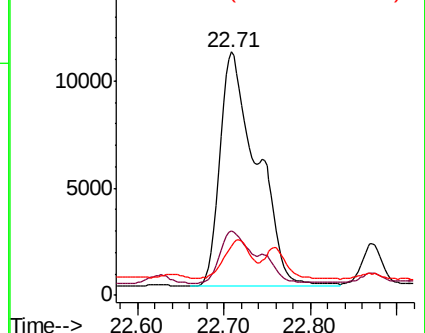
125 20.4 12.3 18.5#



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: 0.429 ng/ul

RT: 23.26 min Scan# 5395

Delta R.T. -0.01 min

Lab File: BN008320.D

Acq: 22 Oct 2019 18:22

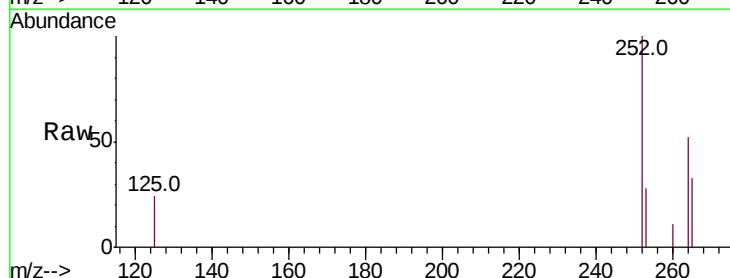
Tgt Ion:252 Resp: 16093

Ion Ratio Lower Upper

252 100

253 27.8 22.8 34.2

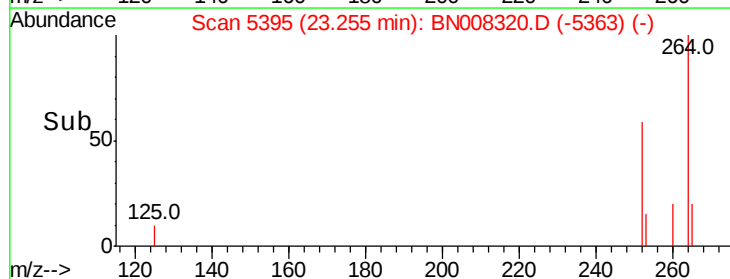
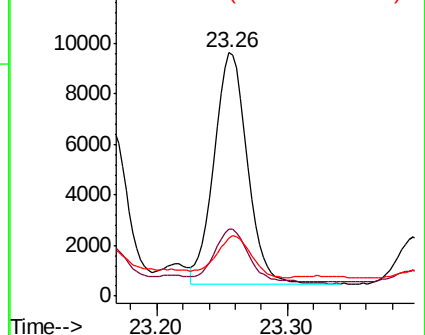
125 23.9 18.4 27.6

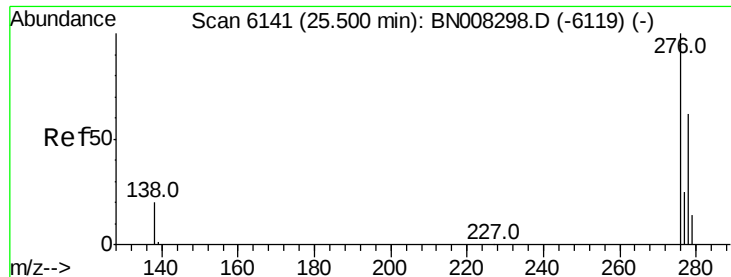


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



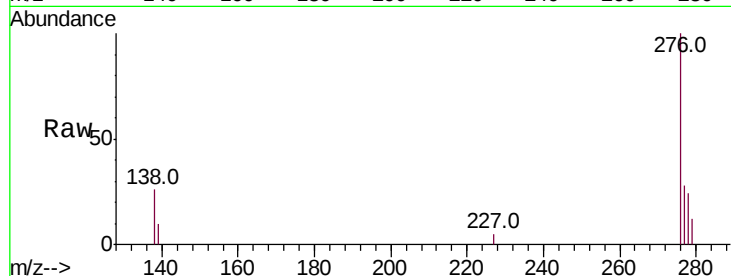


#24

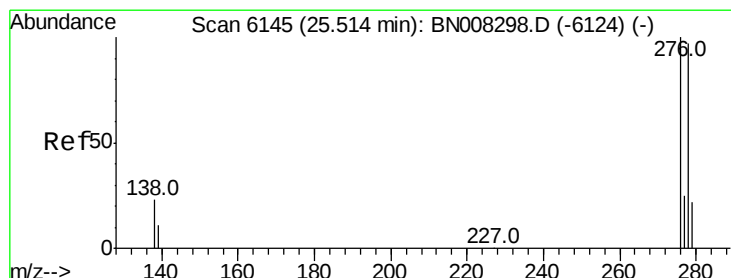
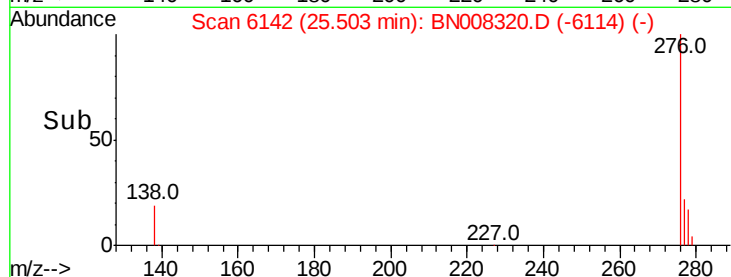
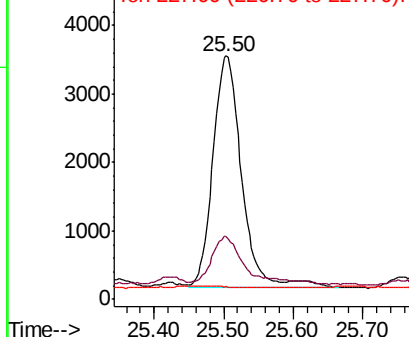
Indeno(1,2,3-cd)pyrene
Concen: 0.221 ng/ul
RT: 25.50 min Scan# 6142
Delta R.T. -0.01 min
Lab File: BN008320.D
Acq: 22 Oct 2019 18:22

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 9736
Ion Ratio Lower Upper
276 100
138 24.0 16.1 24.1
227 0.0 0.2 0.2#



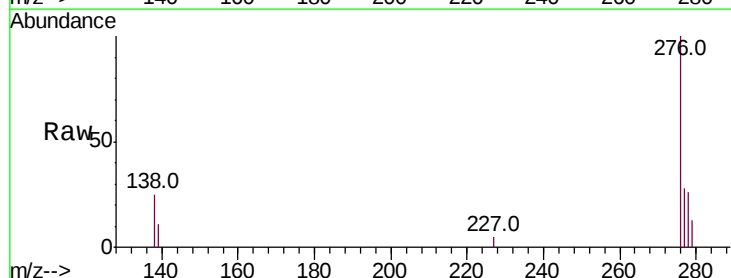
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



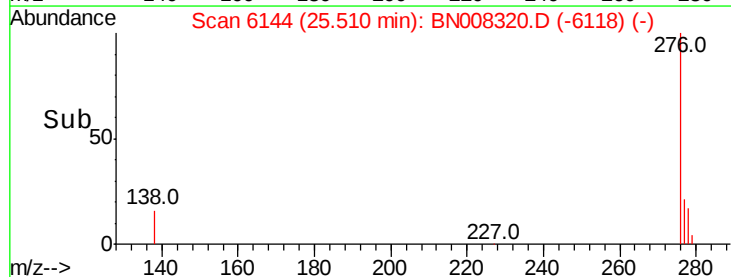
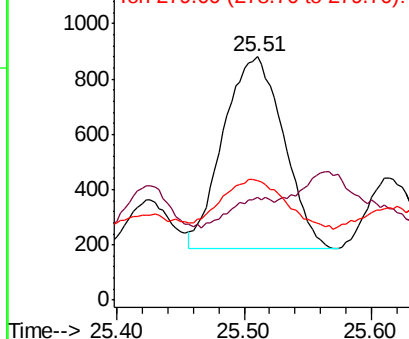
#25

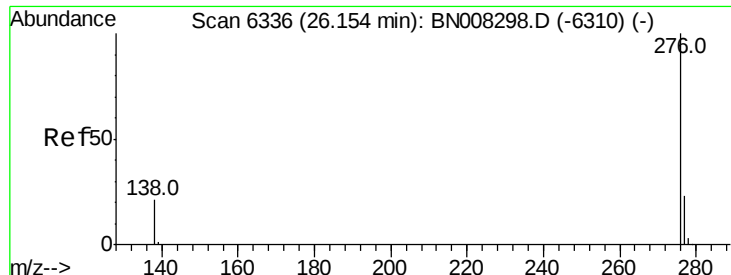
Dibenzo(a,h)anthracene
Concen: 0.065 ng/ul
RT: 25.51 min Scan# 6144
Delta R.T. -0.01 min
Lab File: BN008320.D
Acq: 22 Oct 2019 18:22

Tgt Ion:278 Resp: 2279
Ion Ratio Lower Upper
278 100
139 42.0 15.0 22.6#
279 49.1 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: 0.199 ng/ul

RT: 26.16 min Scan# 6338

Delta R.T. -0.01 min

Lab File: BN008320.D

Acq: 22 Oct 2019 18:22

Instrument :

BNA_N

ClientSampleId :

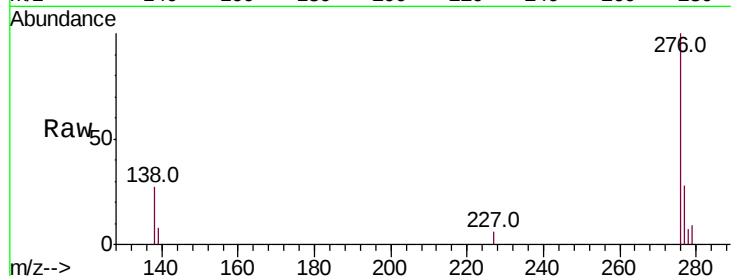
Tot Ion:276 Resp: 8043

Ion Ratio Lower Upper

276 100

138 26.9 17.0 25.4#

277 27.7 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

