

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
 Data File : BN008295.D
 Acq On : 21 Oct 2019 22:26
 Operator : JU
 Sample : K5199-20
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 22 00:01:45 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

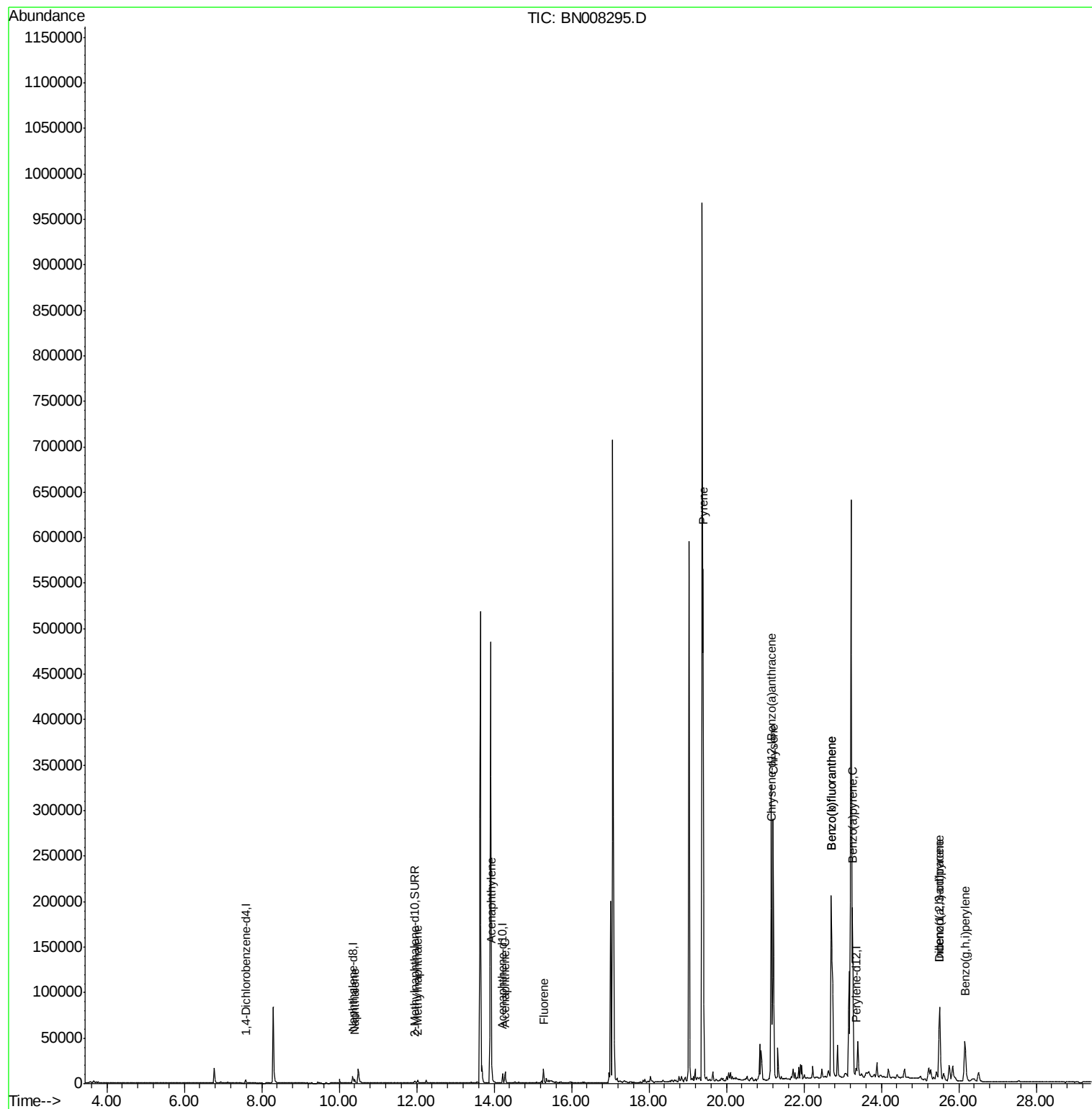
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1972	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	9230	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5783	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.97
16) Chrysene-d12	21.17	240	12198	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	11219	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	3745	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	11961	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	5144	0.196	ng/ul	97
5) 2-Methylnaphthalene	12.02	142	2435	0.135	ng/ul	100
7) Acenaphthylene	13.94	152	12835	0.466	ng/ul	97
8) Acenaphthene	14.28	153	7399	0.345	ng/ul	99
9) Fluorene	15.28	166	9865	0.406	ng/ul	99
17) Pyrene	19.40	202	444505	9.152	ng/ul	99
18) Benzo(a)anthracene	21.16	228	266296	6.005	ng/ul	98
19) Chrysene	21.21	228	279889	5.143	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	431264	11.808	ng/ul	93
22) Benzo(k)fluoranthene	22.71	252	431264	10.424	ng/ul	94
23) Benzo(a)pyrene	23.26	252	217523	5.660	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	25.50	276	120221	2.656	ng/ul	100
25) Dibenzo(a,h)anthracene	25.51	278	31582	0.883	ng/ul	99
26) Benzo(g,h,i)perylene	26.16	276	90158	2.172	ng/ul	98

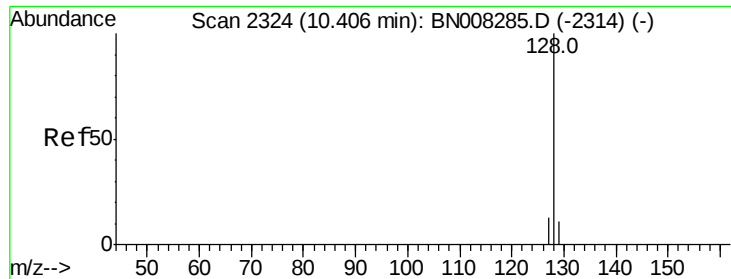
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.196 ng/ul

RT: 10.40 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BN008295.D

Acq: 21 Oct 2019 22:26

Instrument :

BNA_N

ClientSampleId :

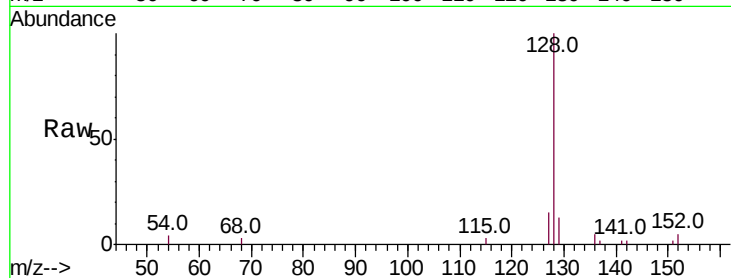
Tot Ion:128 Resp: 5144

Ion Ratio Lower Upper

128 100

129 13.4 9.8 14.8

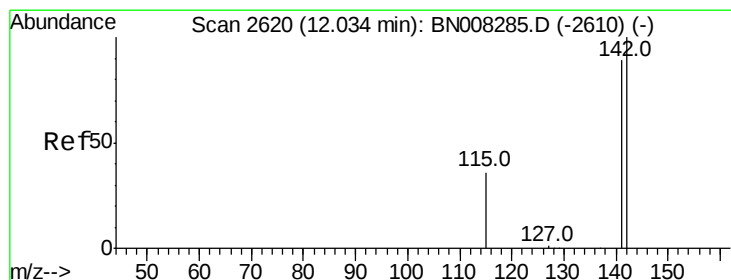
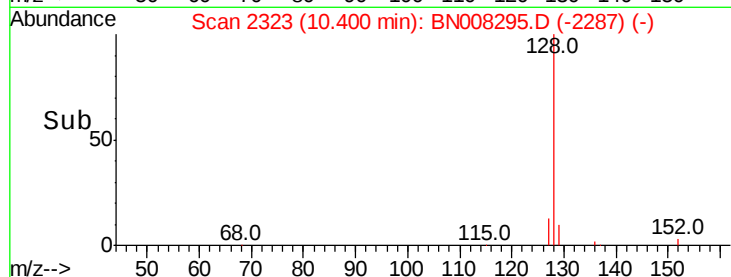
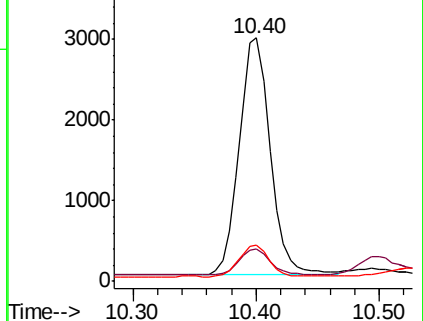
127 14.9 11.1 16.7



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: 0.135 ng/ul

RT: 12.02 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BN008295.D

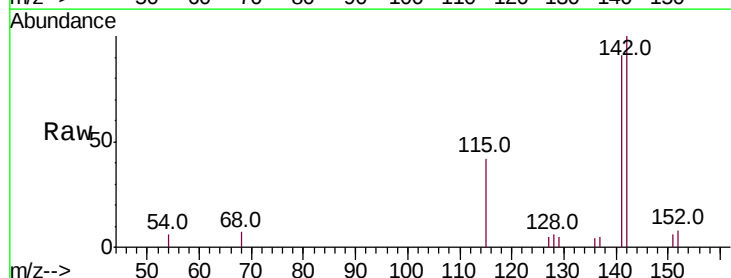
Acq: 21 Oct 2019 22:26

Tgt Ion:142 Resp: 2435

Ion Ratio Lower Upper

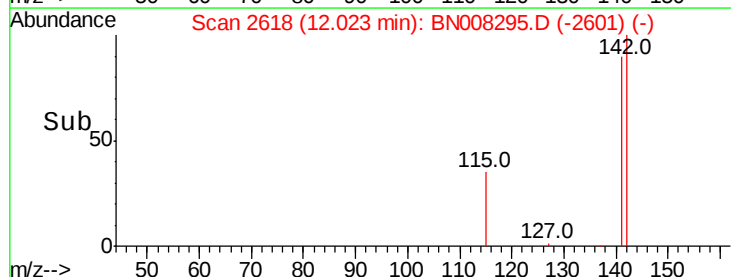
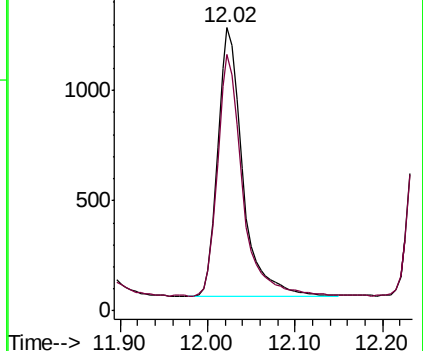
142 100

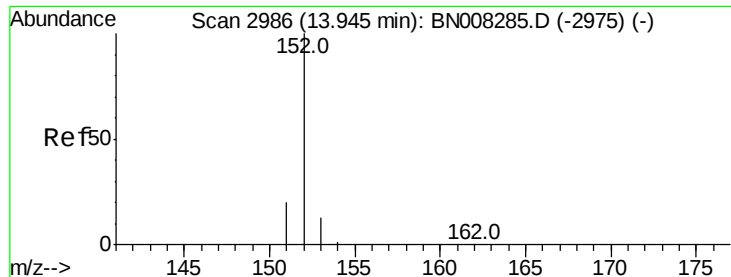
141 89.7 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.466 ng/ul

RT: 13.94 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BN008295.D

Acq: 21 Oct 2019 22:26

Instrument :

BNA_N

ClientSampled :

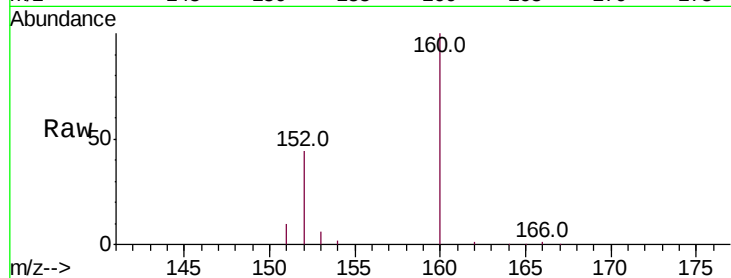
Tot Ion:152 Resp: 12835

Ion Ratio Lower Upper

152 100

151 21.9 16.2 24.4

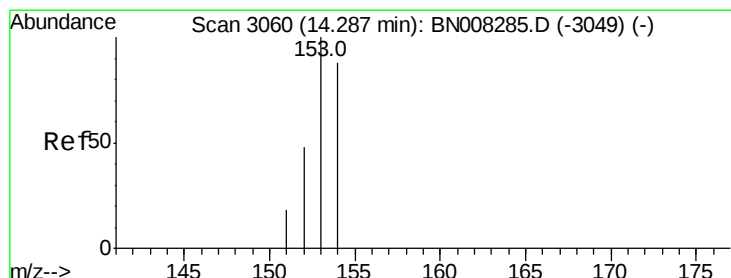
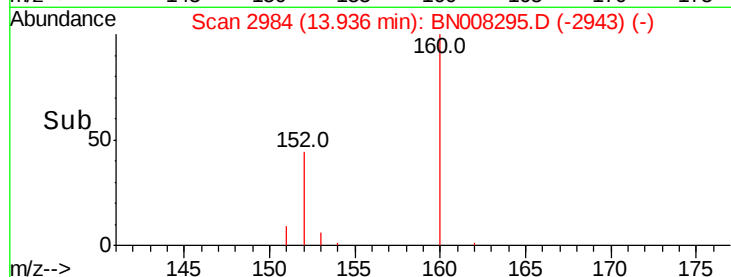
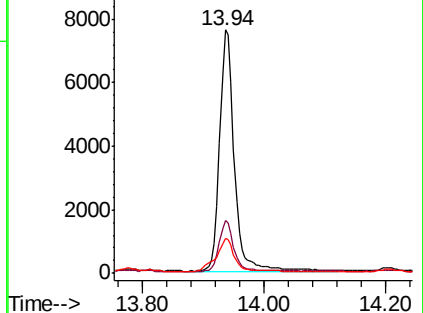
153 14.4 11.0 16.4



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: 0.345 ng/ul

RT: 14.28 min Scan# 3059

Delta R.T. -0.00 min

Lab File: BN008295.D

Acq: 21 Oct 2019 22:26

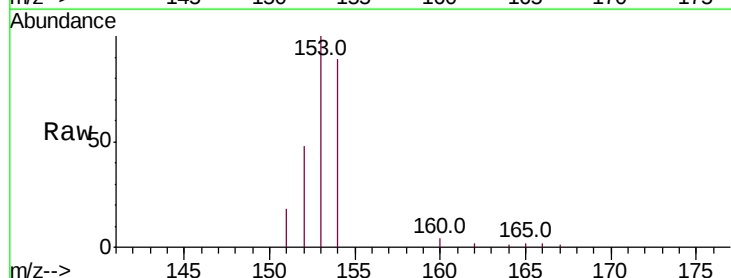
Tgt Ion:153 Resp: 7399

Ion Ratio Lower Upper

153 100

152 48.4 38.2 57.2

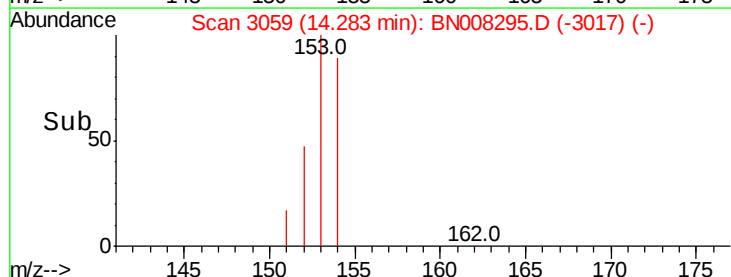
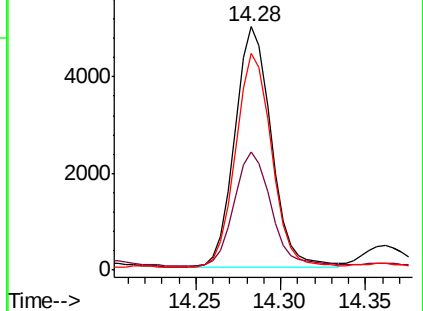
154 88.8 71.8 107.8

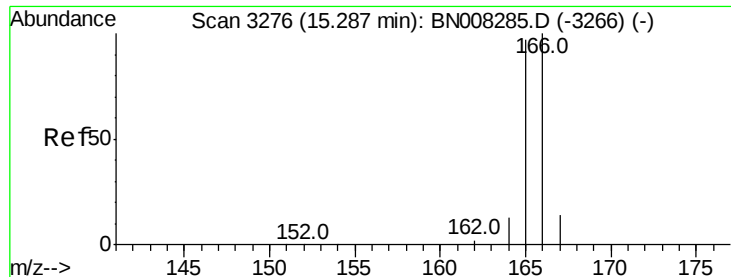


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

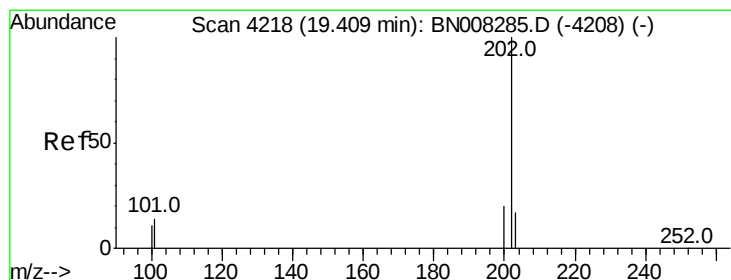
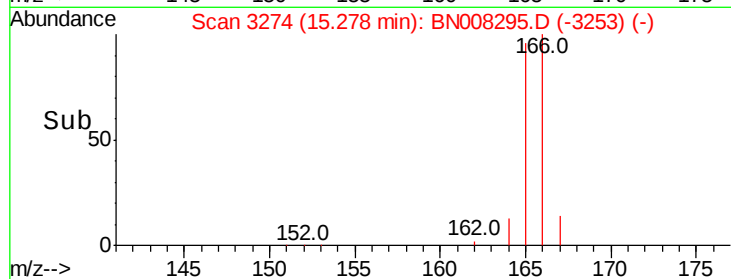
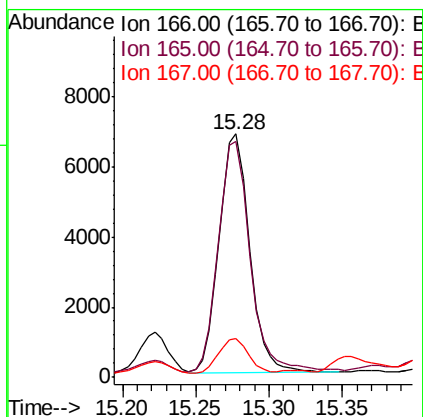
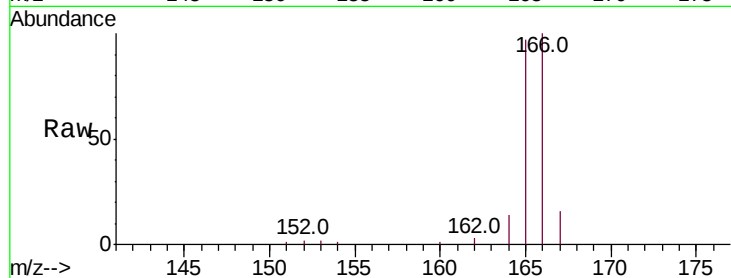




#9
Fluorene
 Concen: 0.406 ng/ul
 RT: 15.28 min Scan# 3274
 Delta R.T. -0.00 min
 Lab File: BN008295.D
 Acq: 21 Oct 2019 22:26

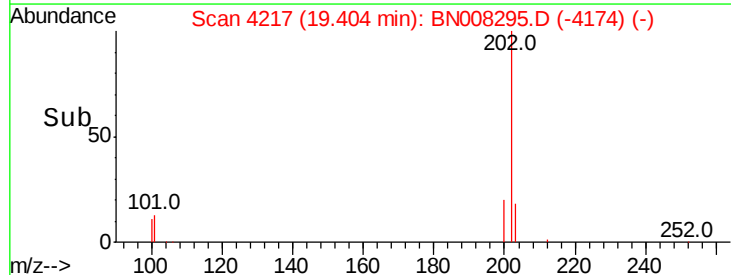
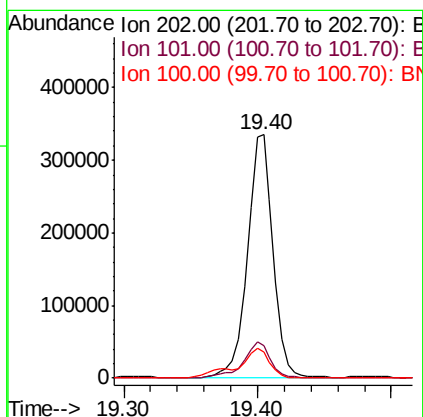
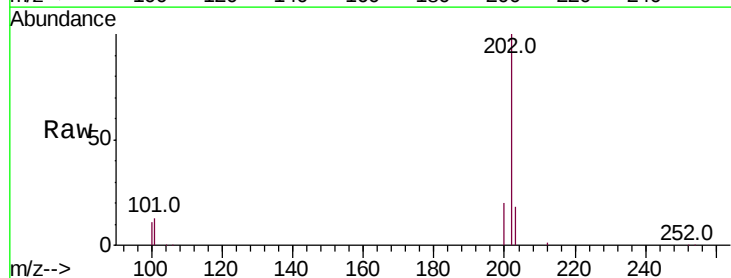
Instrument :
 BNA_N
 ClientSampleId :

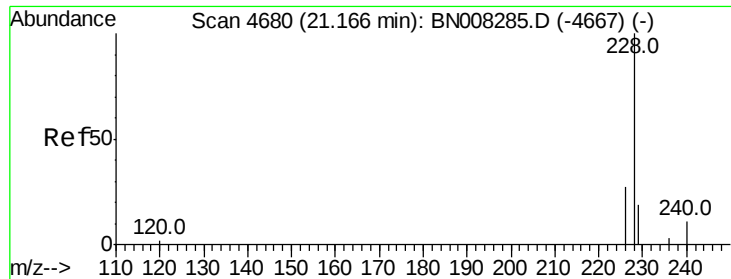
Tot Ion:166 Resp: 9865
 Ion Ratio Lower Upper
 166 100
 165 96.8 76.6 115.0
 167 15.7 11.7 17.5



#17
Pyrene
 Concen: 9.152 ng/ul
 RT: 19.40 min Scan# 4217
 Delta R.T. 0.00 min
 Lab File: BN008295.D
 Acq: 21 Oct 2019 22:26

Tgt Ion:202 Resp: 444505
 Ion Ratio Lower Upper
 202 100
 101 13.2 10.9 16.3
 100 10.6 8.7 13.1





#18

Benzo(a)anthracene

Concen: 6.005 ng/ul

RT: 21.16 min Scan# 4678

Delta R.T. -0.01 min

Lab File: BN008295.D

Acq: 21 Oct 2019 22:26

Instrument :

BNA_N

ClientSampled :

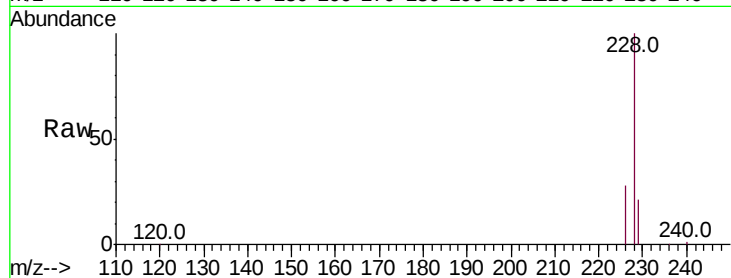
Tot Ion:228 Resp: 266296

Ion Ratio Lower Upper

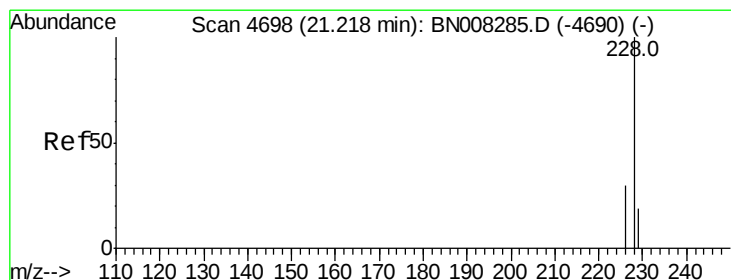
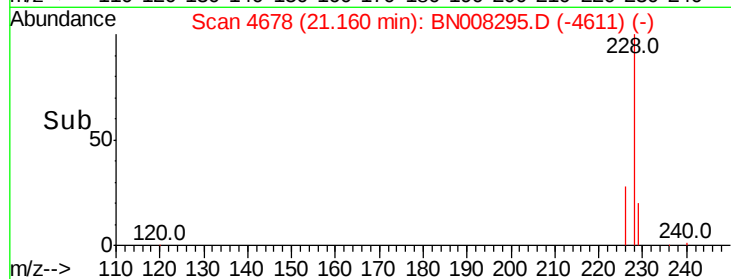
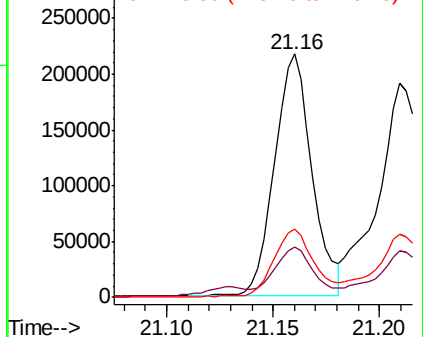
228 100

229 20.8 16.2 24.2

226 28.1 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: 5.143 ng/ul

RT: 21.21 min Scan# 4695

Delta R.T. -0.01 min

Lab File: BN008295.D

Acq: 21 Oct 2019 22:26

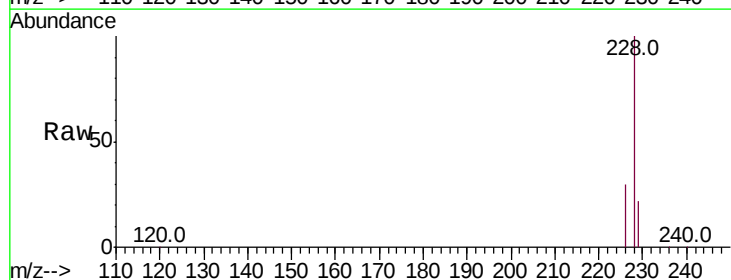
Tgt Ion:228 Resp: 279889

Ion Ratio Lower Upper

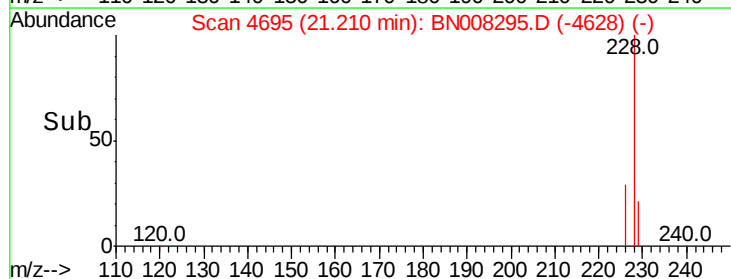
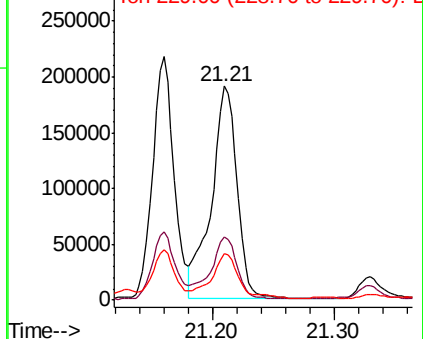
228 100

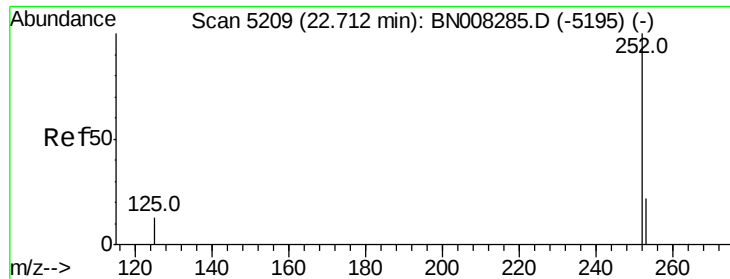
226 29.7 24.1 36.1

229 21.5 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: 11.808 ng/u1

RT: 22.71 min Scan# 5207

Delta R.T. -0.00 min

Lab File: BN008295.D

Acq: 21 Oct 2019 22:26

Instrument :

BNA_N

ClientSampleId :

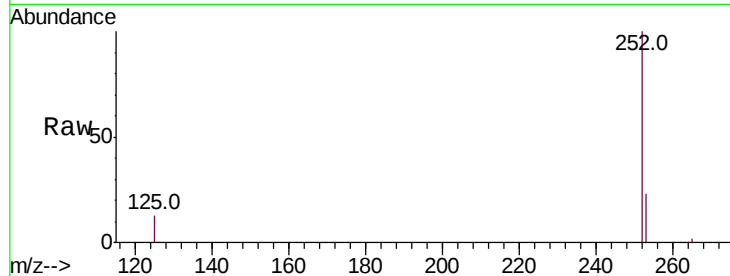
Tot Ion:252 Resp: 431264

Ion Ratio Lower Upper

252 100

253 23.1 0.0 53.4

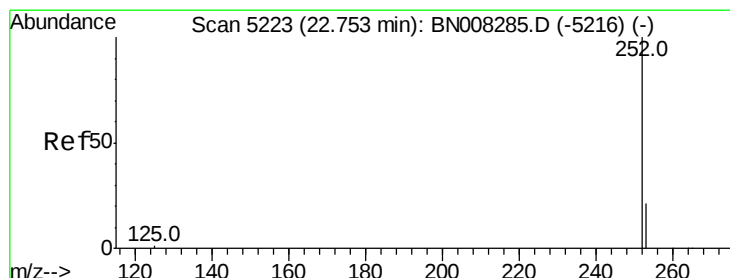
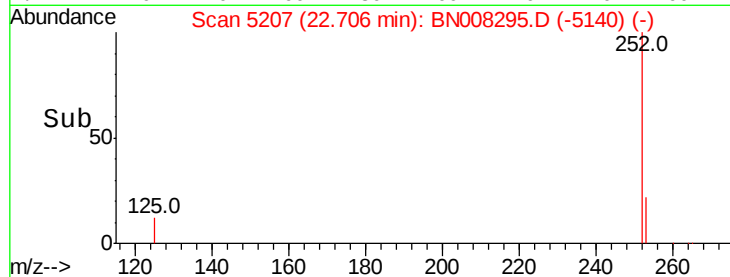
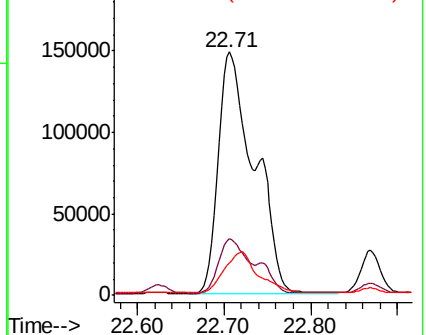
125 13.4 0.0 32.4



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: 10.424 ng/u1

RT: 22.71 min Scan# 5207

Delta R.T. -0.05 min

Lab File: BN008295.D

Acq: 21 Oct 2019 22:26

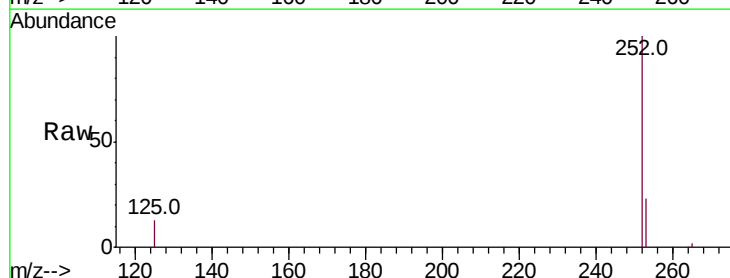
Tgt Ion:252 Resp: 431264

Ion Ratio Lower Upper

252 100

253 23.1 21.3 31.9

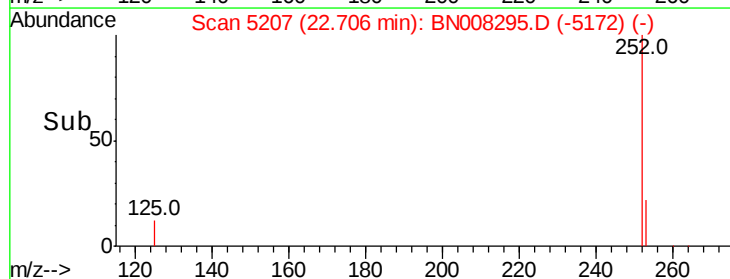
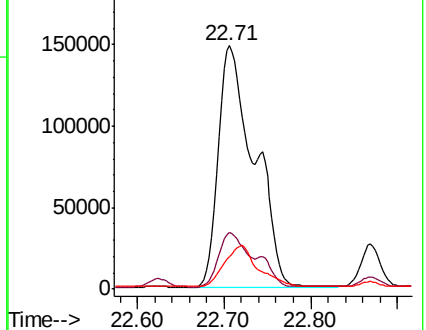
125 13.4 12.3 18.5

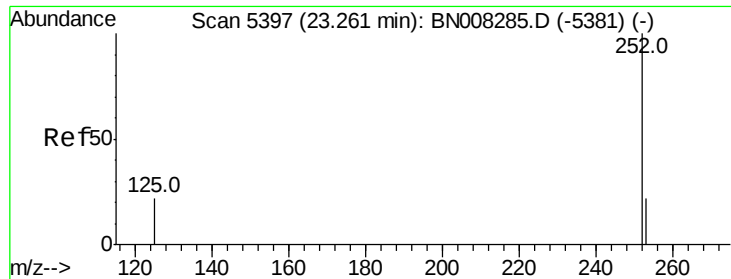


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 5.660 ng/u1

RT: 23.26 min Scan# 5396

Delta R.T. -0.00 min

Lab File: BN008295.D

Acq: 21 Oct 2019 22:26

Instrument :

BNA_N

ClientSampleId :

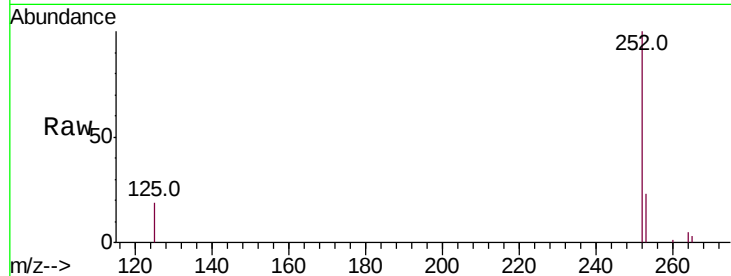
Tot Ion:252 Resp: 217523

Ion Ratio Lower Upper

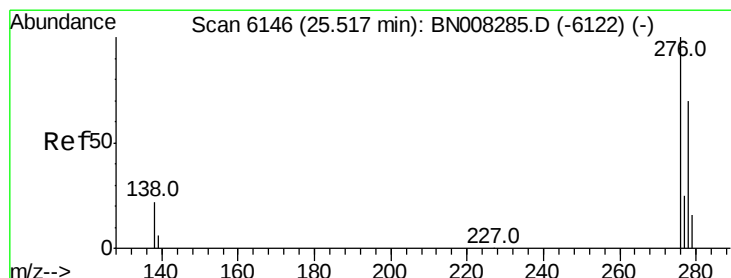
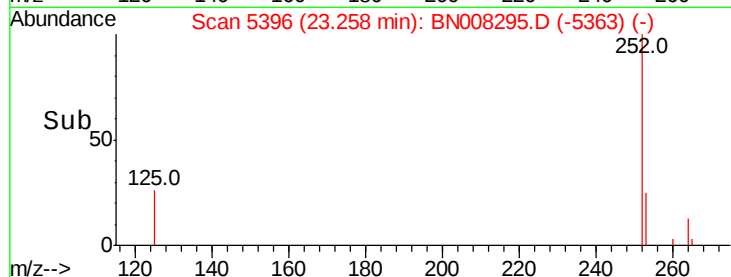
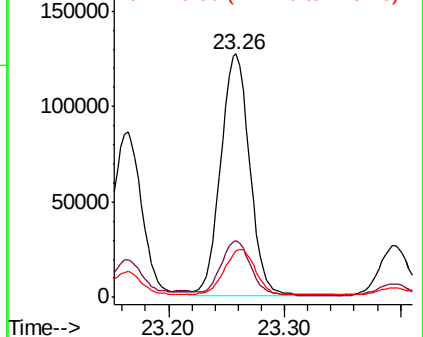
252 100

253 23.5 22.8 34.2

125 19.0 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: 2.656 ng/u1

RT: 25.50 min Scan# 6142

Delta R.T. -0.01 min

Lab File: BN008295.D

Acq: 21 Oct 2019 22:26

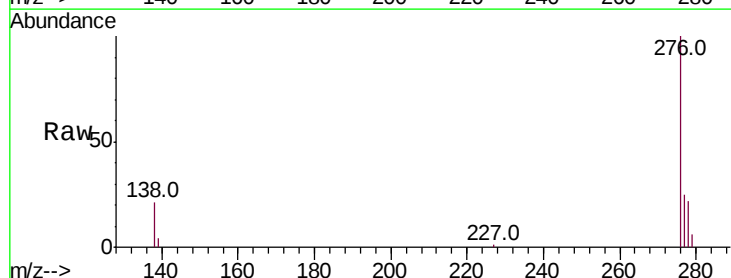
Tgt Ion:276 Resp: 120221

Ion Ratio Lower Upper

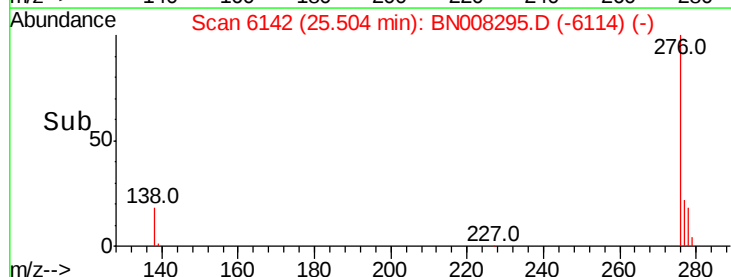
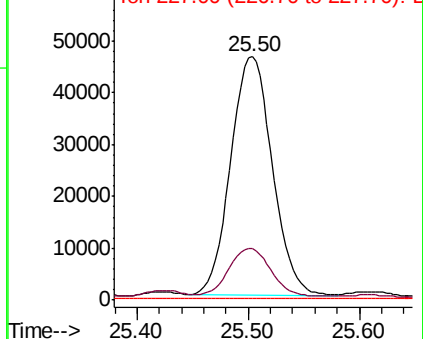
276 100

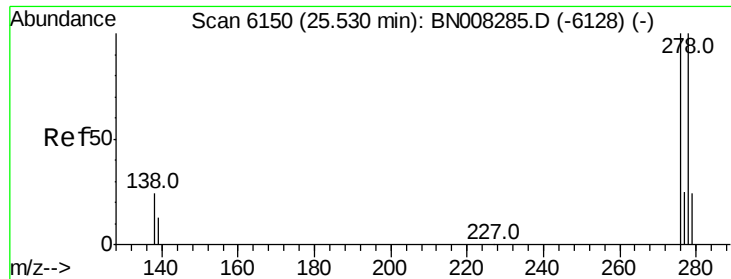
138 20.3 16.1 24.1

227 0.2 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

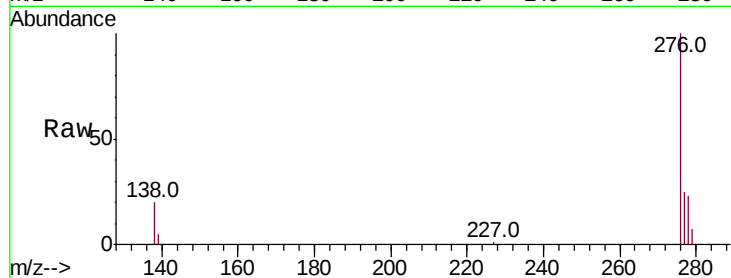




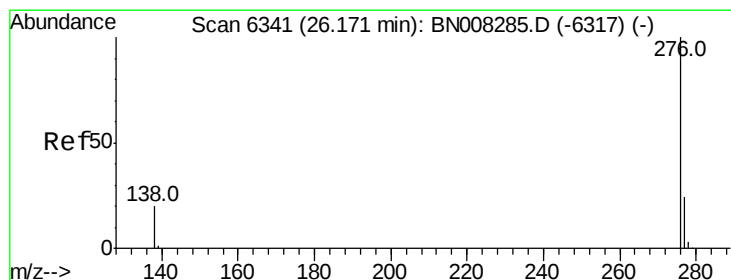
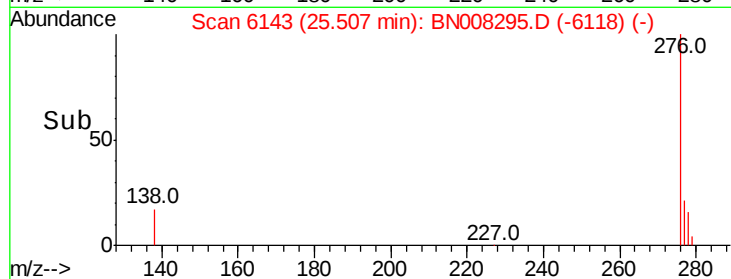
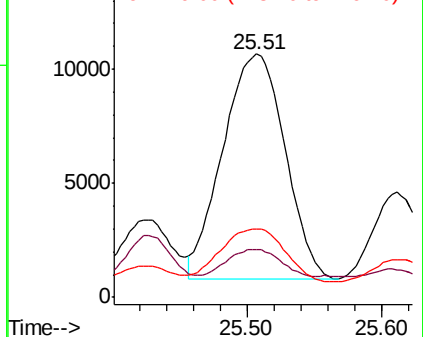
#25
Dibenzo(a,h)anthracene
Concen: 0.883 ng/ul
RT: 25.51 min Scan# 6143
Delta R.T. -0.02 min
Lab File: BN008295.D
Acq: 21 Oct 2019 22:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 31582
Ion Ratio Lower Upper
278 100
139 19.7 15.0 22.6
279 28.3 22.4 33.6

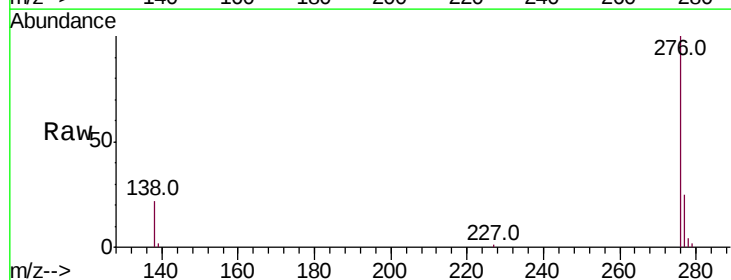


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 2.172 ng/ul
RT: 26.16 min Scan# 6338
Delta R.T. -0.01 min
Lab File: BN008295.D
Acq: 21 Oct 2019 22:26

Tgt Ion:276 Resp: 90158
Ion Ratio Lower Upper
276 100
138 21.9 17.0 25.4
277 24.5 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

