

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008237.D
 Acq On : 18 Oct 2019 00:46
 Operator : JU
 Sample : K5177-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 18 01:59:56 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 : Thu Oct 17 01:48:53 2019
 Response via : Initial Calibration

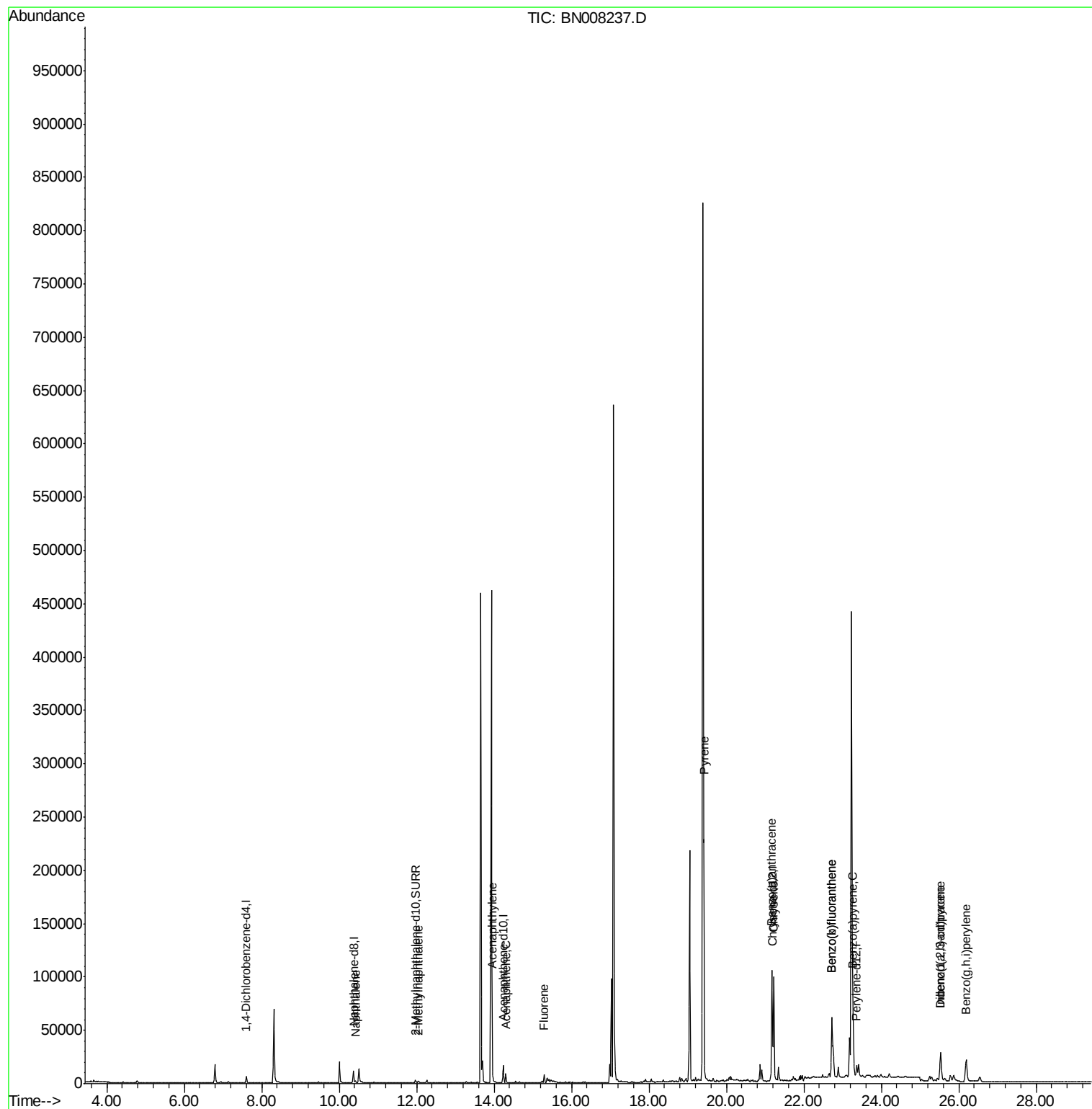
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	3113	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	15057	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	9132	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.99
16) Chrysene-d12	21.19	240	14531	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	12067	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	3669	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	10415	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	2308	0.054	ng/ul#	91
5) 2-Methylnaphthalene	12.04	142	1786	0.061	ng/ul	100
7) Acenaphthylene	13.95	152	4828	0.111	ng/ul#	95
8) Acenaphthene	14.30	153	4972	0.147	ng/ul	99
9) Fluorene	15.29	166	4876	0.127	ng/ul#	97
17) Pyrene	19.41	202	193150	3.338	ng/ul	98
18) Benzo(a)anthracene	21.17	228	88964	1.684	ng/ul	97
19) Chrysene	21.22	228	99570	1.536	ng/ul	99
21) Benzo(b)fluoranthene	22.72	252	125514	3.195	ng/ul	94
22) Benzo(k)fluoranthene	22.72	252	125514	2.821	ng/ul	95
23) Benzo(a)pyrene	23.27	252	66966	1.620	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.53	276	42208	0.867	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.54	278	10749	0.279	ng/ul#	90
26) Benzo(g,h,i)perylene	26.19	276	42577	0.954	ng/ul	99

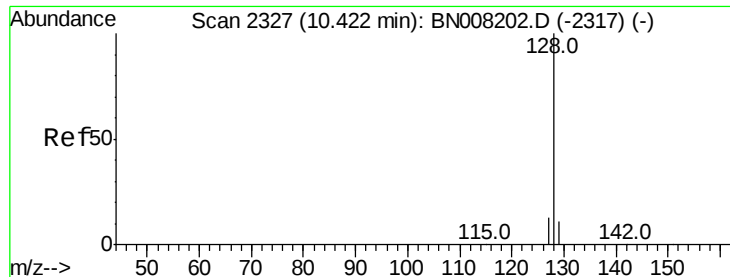
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.054 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BN008237.D

Acq: 18 Oct 2019 00:46

Instrument :

BNA_N

ClientSampleId :

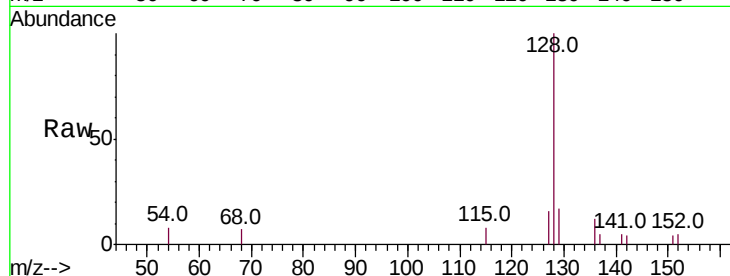
Tot Ion:128 Resp: 2308

Ion Ratio Lower Upper

128 100

129 16.7 9.8 14.8#

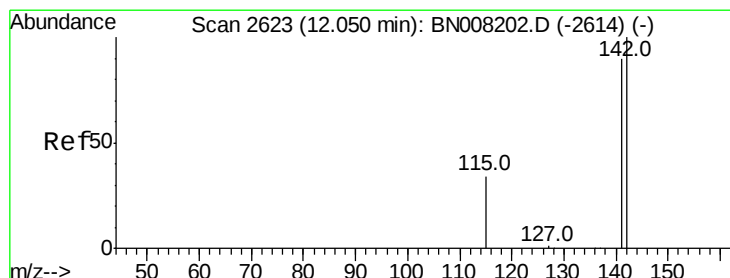
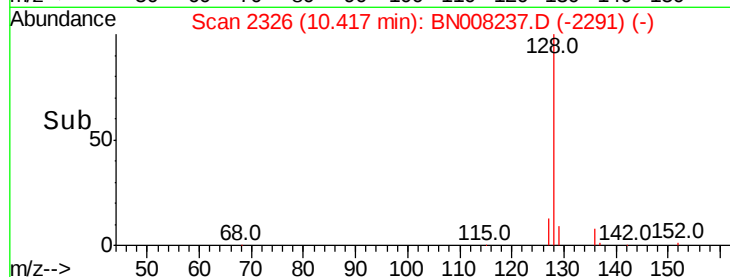
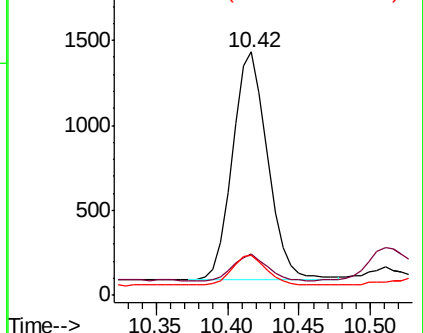
127 16.5 11.1 16.7



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: 0.061 ng/ul

RT: 12.04 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BN008237.D

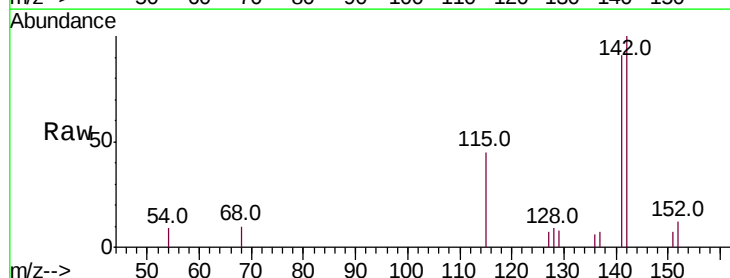
Acq: 18 Oct 2019 00:46

Tgt Ion:142 Resp: 1786

Ion Ratio Lower Upper

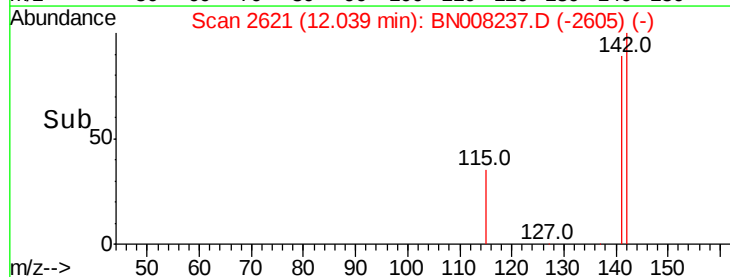
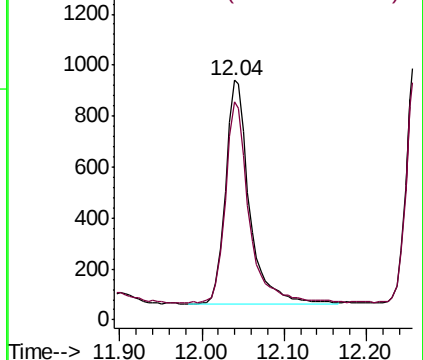
142 100

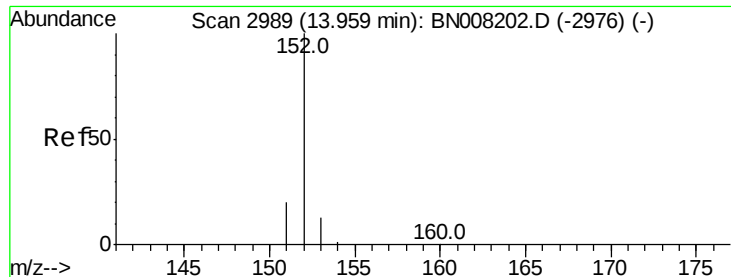
141 89.2 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.111 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN008237.D

Acq: 18 Oct 2019 00:46

Instrument :

BNA_N

ClientSampleId :

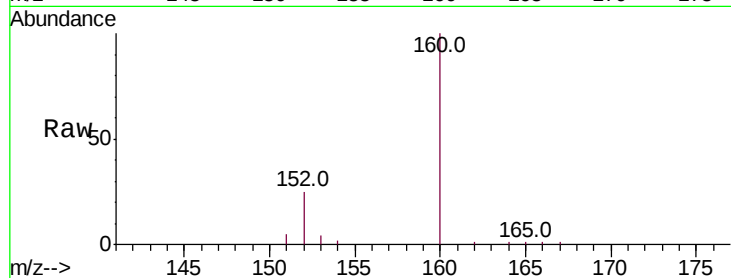
Tot Ion:152 Resp: 4828

Ion Ratio Lower Upper

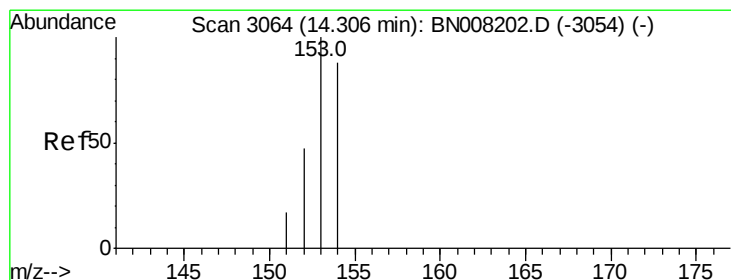
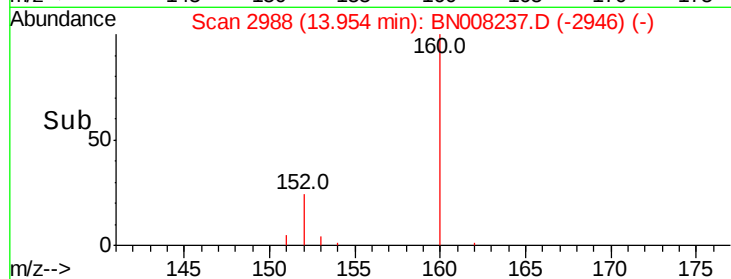
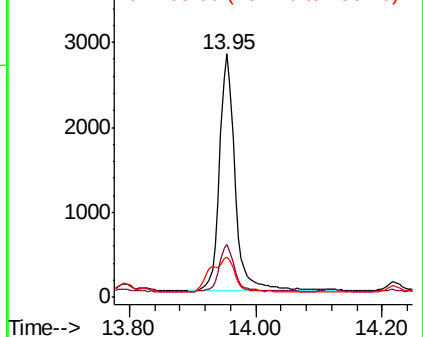
152 100

151 21.7 16.2 24.4

153 16.6 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: 0.147 ng/ul

RT: 14.30 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BN008237.D

Acq: 18 Oct 2019 00:46

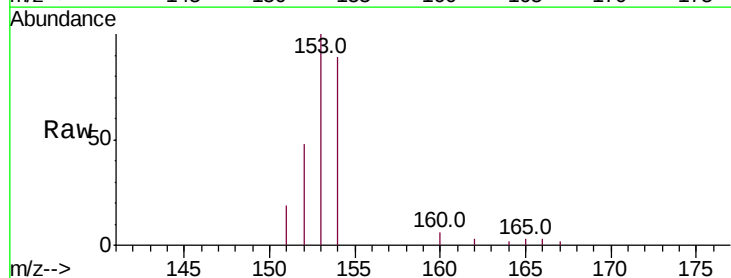
Tgt Ion:153 Resp: 4972

Ion Ratio Lower Upper

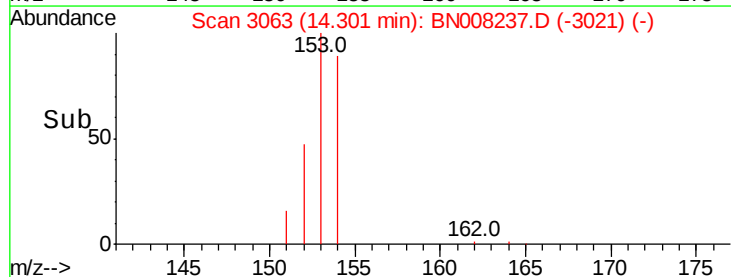
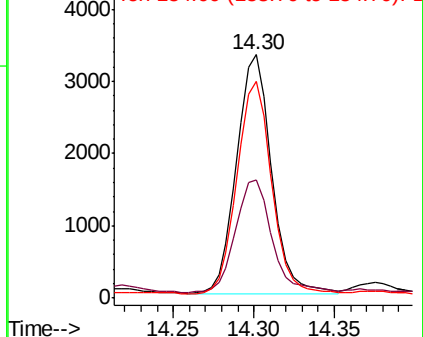
153 100

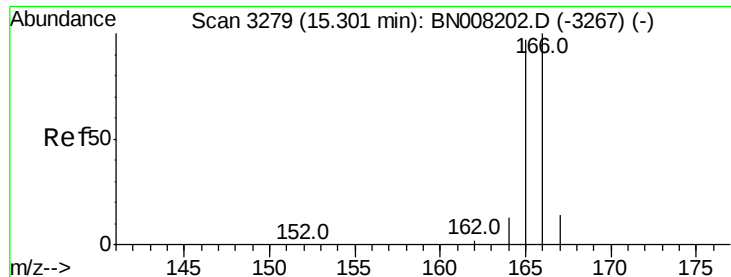
152 48.4 38.2 57.2

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

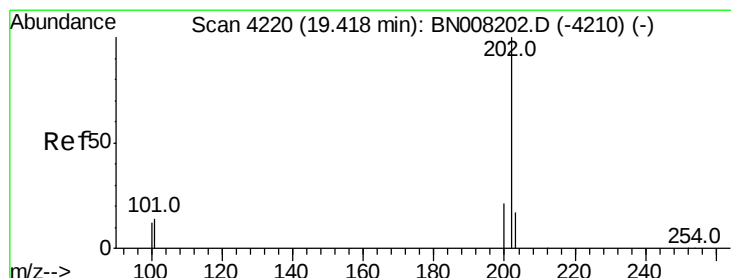
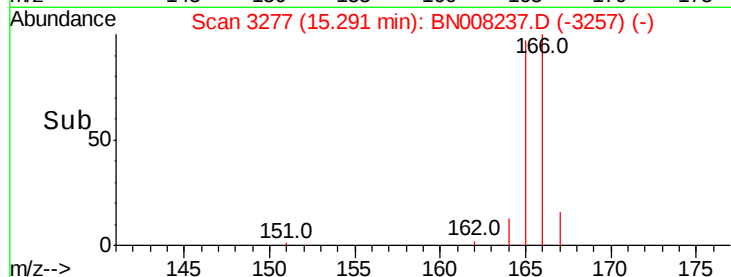
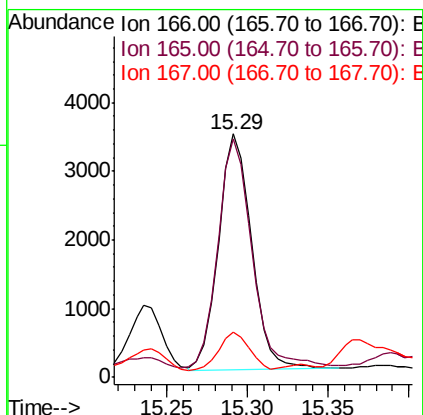
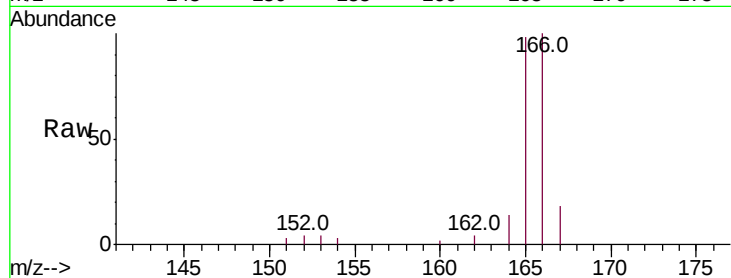




#9
Fluorene
 Concen: 0.127 ng/ul
 RT: 15.29 min Scan# 3277
 Delta R.T. -0.01 min
 Lab File: BN008237.D
 Acq: 18 Oct 2019 00:46

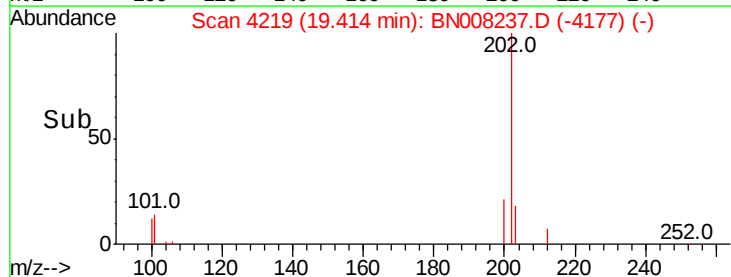
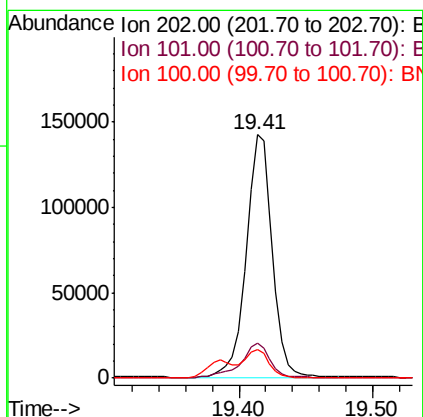
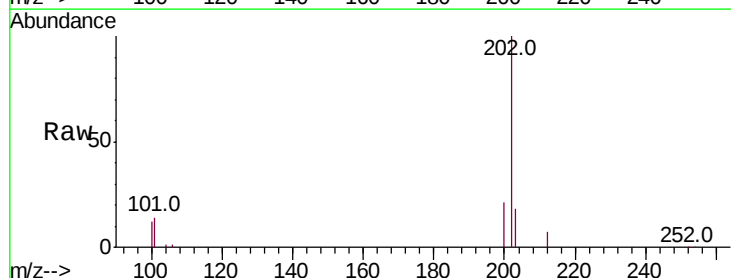
Instrument :
 BNA_N
 ClientSampleId :

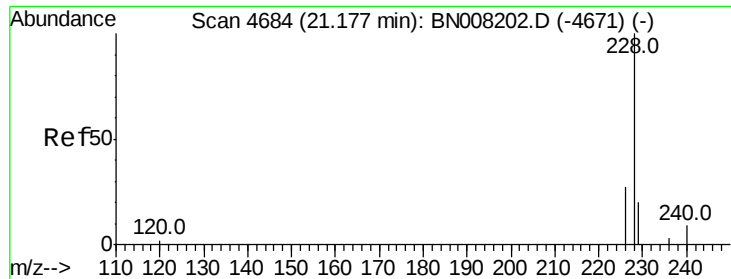
Tot Ion:166 Resp: 4876
 Ion Ratio Lower Upper
 166 100
 165 97.8 76.6 115.0
 167 18.4 11.7 17.5#



#17
Pyrene
 Concen: 3.338 ng/ul
 RT: 19.41 min Scan# 4219
 Delta R.T. -0.00 min
 Lab File: BN008237.D
 Acq: 18 Oct 2019 00:46

Tgt Ion:202 Resp: 193150
 Ion Ratio Lower Upper
 202 100
 101 14.2 10.9 16.3
 100 11.7 8.7 13.1





#18

Benzo(a)anthracene

Concen: 1.684 ng/ul

RT: 21.17 min Scan# 4682

Delta R.T. -0.01 min

Lab File: BN008237.D

Acq: 18 Oct 2019 00:46

Instrument :

BNA_N

ClientSampleId :

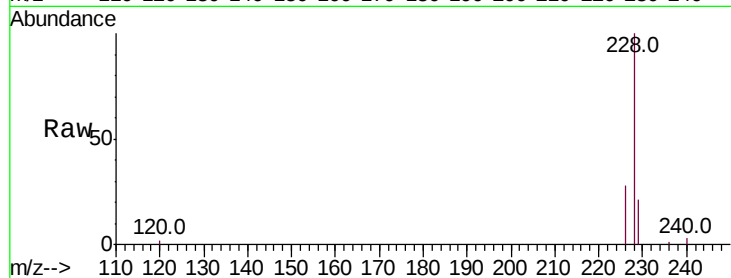
Tot Ion:228 Resp: 88964

Ion Ratio Lower Upper

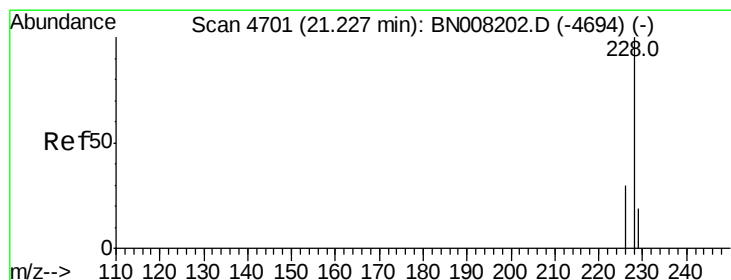
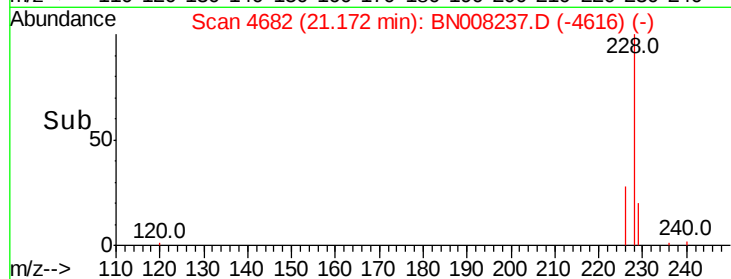
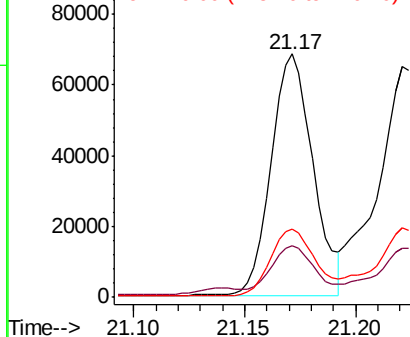
228 100

229 21.2 16.2 24.2

226 28.3 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: 1.536 ng/ul

RT: 21.22 min Scan# 4699

Delta R.T. -0.01 min

Lab File: BN008237.D

Acq: 18 Oct 2019 00:46

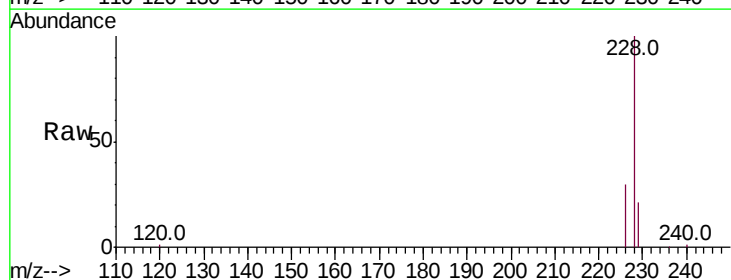
Tgt Ion:228 Resp: 99570

Ion Ratio Lower Upper

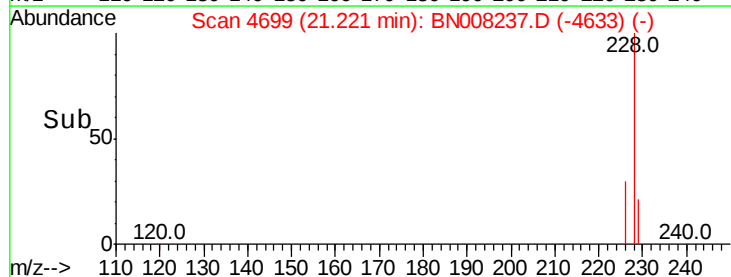
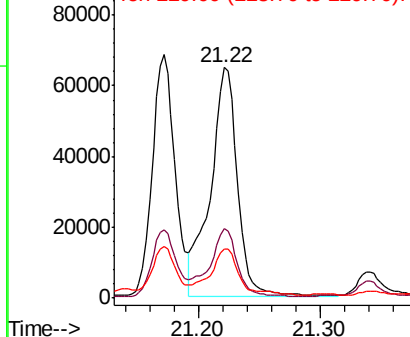
228 100

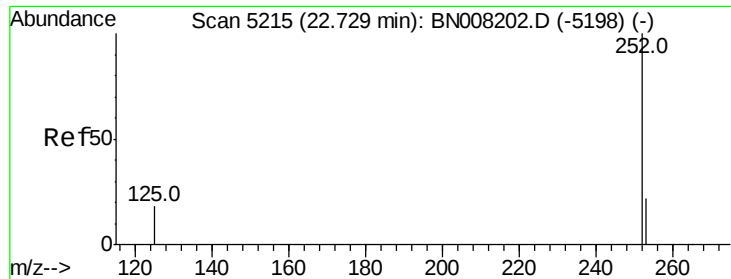
226 30.2 24.1 36.1

229 21.4 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

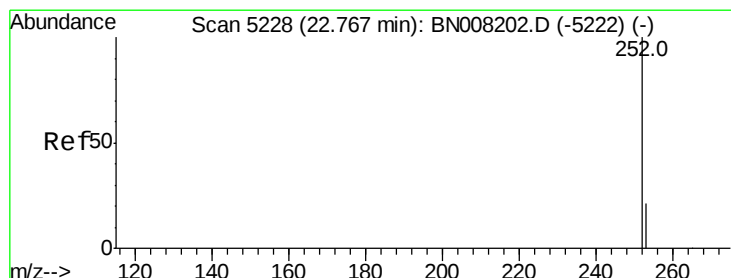
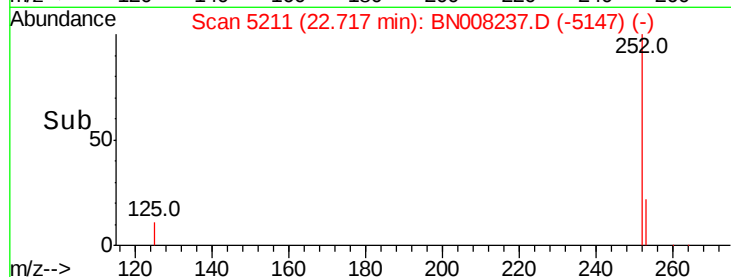
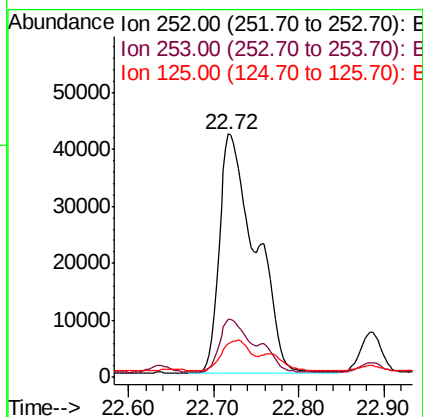
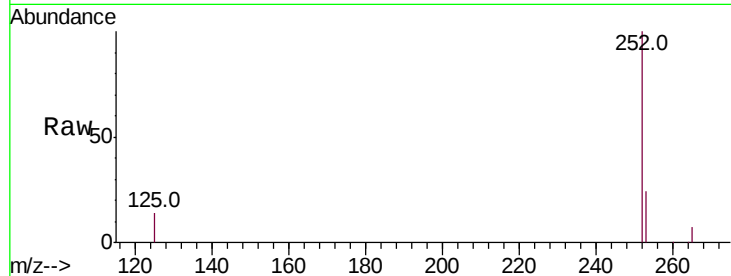




#21
Benzo(b)fluoranthene
Concen: 3.195 ng/ul
RT: 22.72 min Scan# 5211
Delta R.T. -0.01 min
Lab File: BN008237.D
Acq: 18 Oct 2019 00:46

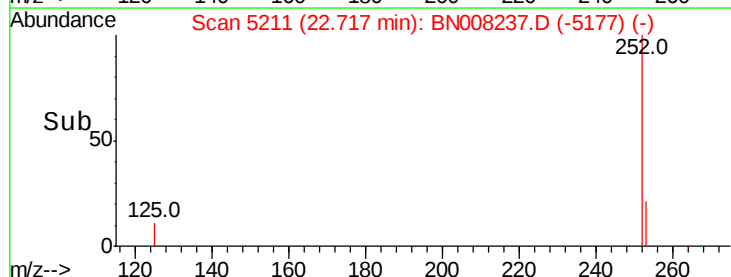
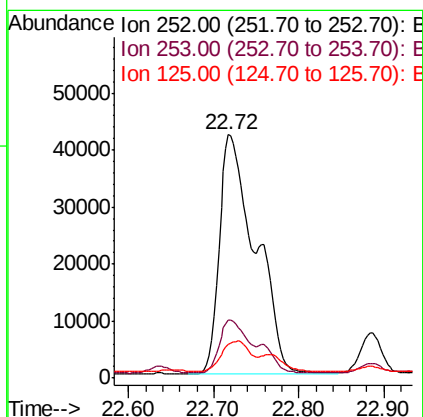
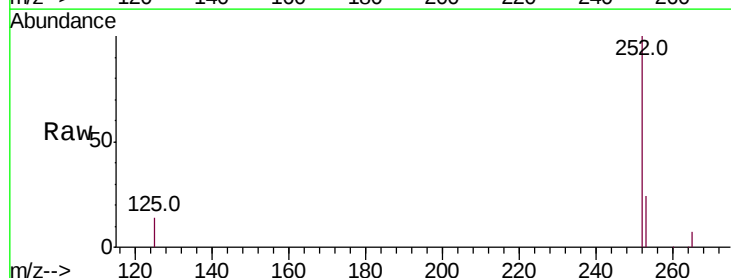
Instrument :
BNA_N
ClientSampleId :

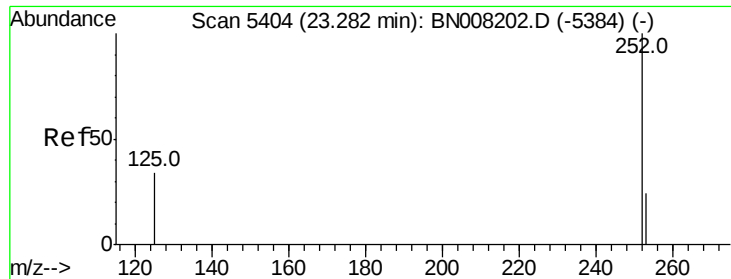
Tot Ion:252 Resp: 125514
Ion Ratio Lower Upper
252 100
253 23.6 0.0 53.4
125 13.7 0.0 32.4



#22
Benzo(k)fluoranthene
Concen: 2.821 ng/ul
RT: 22.72 min Scan# 5211
Delta R.T. -0.05 min
Lab File: BN008237.D
Acq: 18 Oct 2019 00:46

Tgt Ion:252 Resp: 125514
Ion Ratio Lower Upper
252 100
253 23.6 21.3 31.9
125 13.7 12.3 18.5





#23

Benzo(a)pyrene

Concen: 1.620 ng/ul

RT: 23.27 min Scan# 5401

Delta R.T. -0.01 min

Lab File: BN008237.D

Acq: 18 Oct 2019 00:46

Instrument :

BNA_N

ClientSampleId :

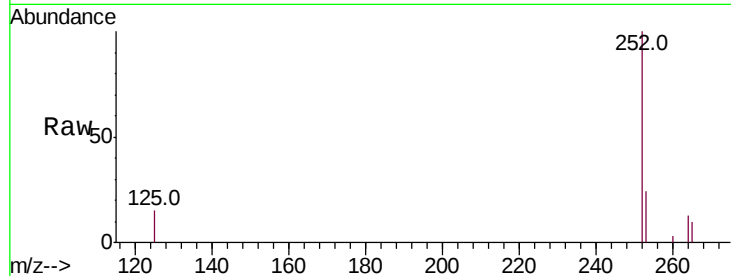
Tot Ion:252 Resp: 66966

Ion Ratio Lower Upper

252 100

253 23.9 22.8 34.2

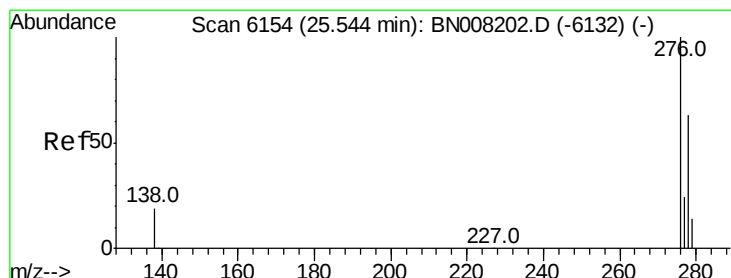
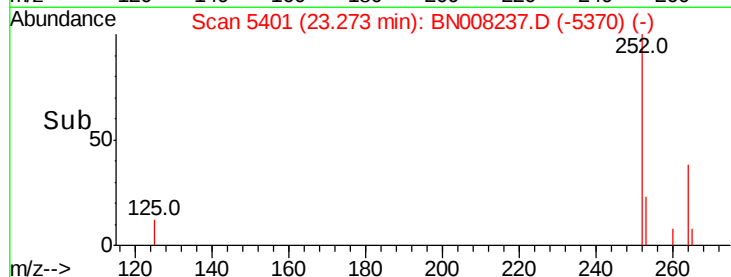
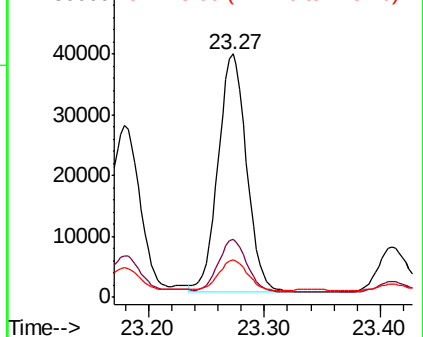
125 15.3 18.4 27.6#



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: 0.867 ng/ul

RT: 25.53 min Scan# 6150

Delta R.T. -0.01 min

Lab File: BN008237.D

Acq: 18 Oct 2019 00:46

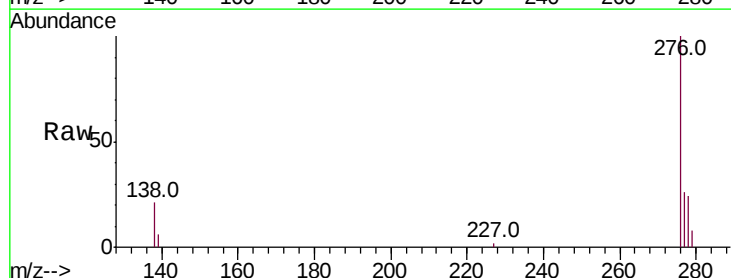
Tgt Ion:276 Resp: 42208

Ion Ratio Lower Upper

276 100

138 19.5 16.1 24.1

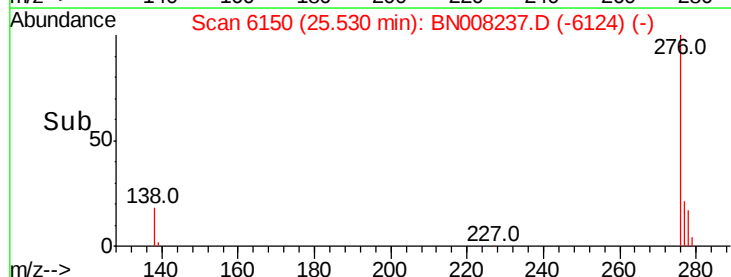
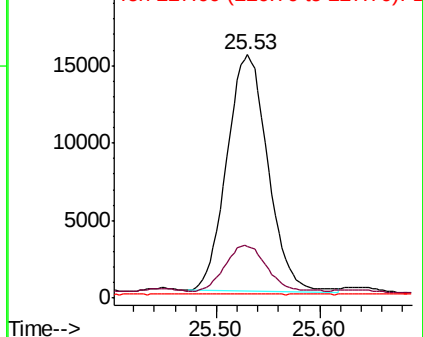
227 0.1 0.2 0.2#

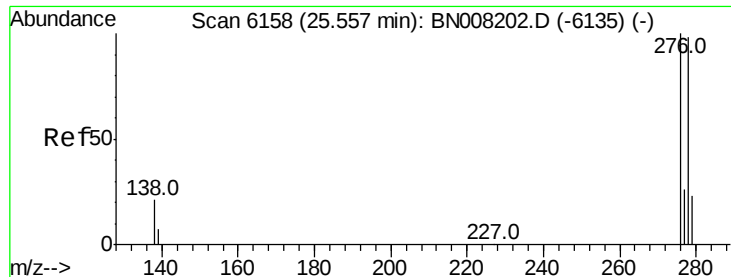


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

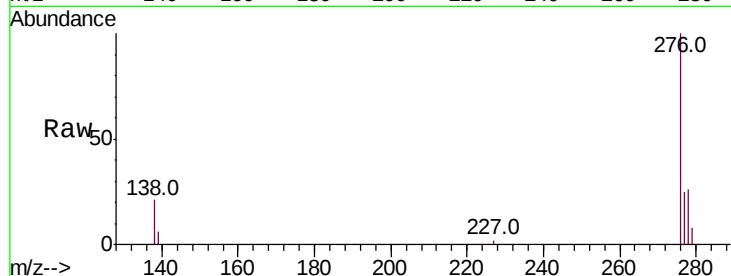




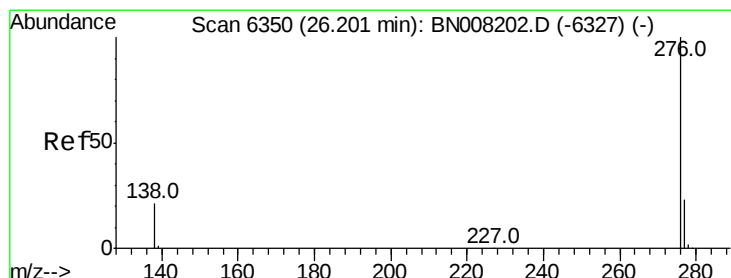
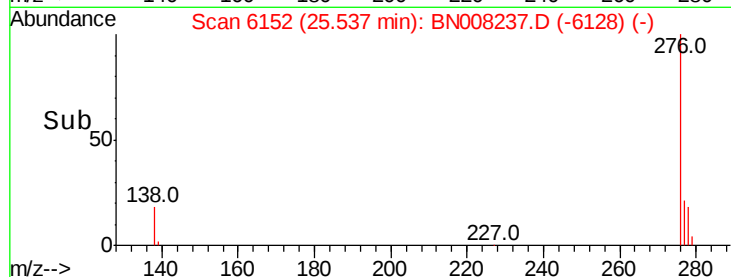
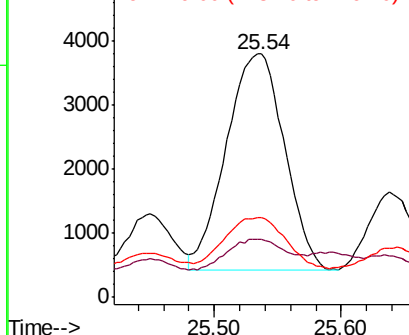
#25
Dibenzo(a,h)anthracene
Concen: 0.279 ng/ul
RT: 25.54 min Scan# 6152
Delta R.T. -0.02 min
Lab File: BN008237.D
Acq: 18 Oct 2019 00:46

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 10749
Ion Ratio Lower Upper
278 100
139 23.8 15.0 22.6#
279 32.9 22.4 33.6

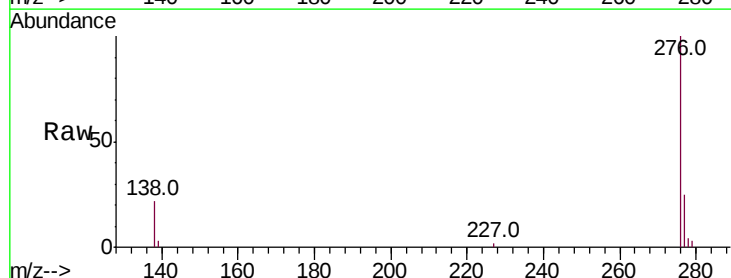


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.954 ng/ul
RT: 26.19 min Scan# 6346
Delta R.T. -0.01 min
Lab File: BN008237.D
Acq: 18 Oct 2019 00:46

Tgt Ion:276 Resp: 42577
Ion Ratio Lower Upper
276 100
138 21.9 17.0 25.4
277 25.1 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

