

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008238.D
 Acq On : 18 Oct 2019 01:21
 Operator : JU
 Sample : K5177-18
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 18 02:00:02 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

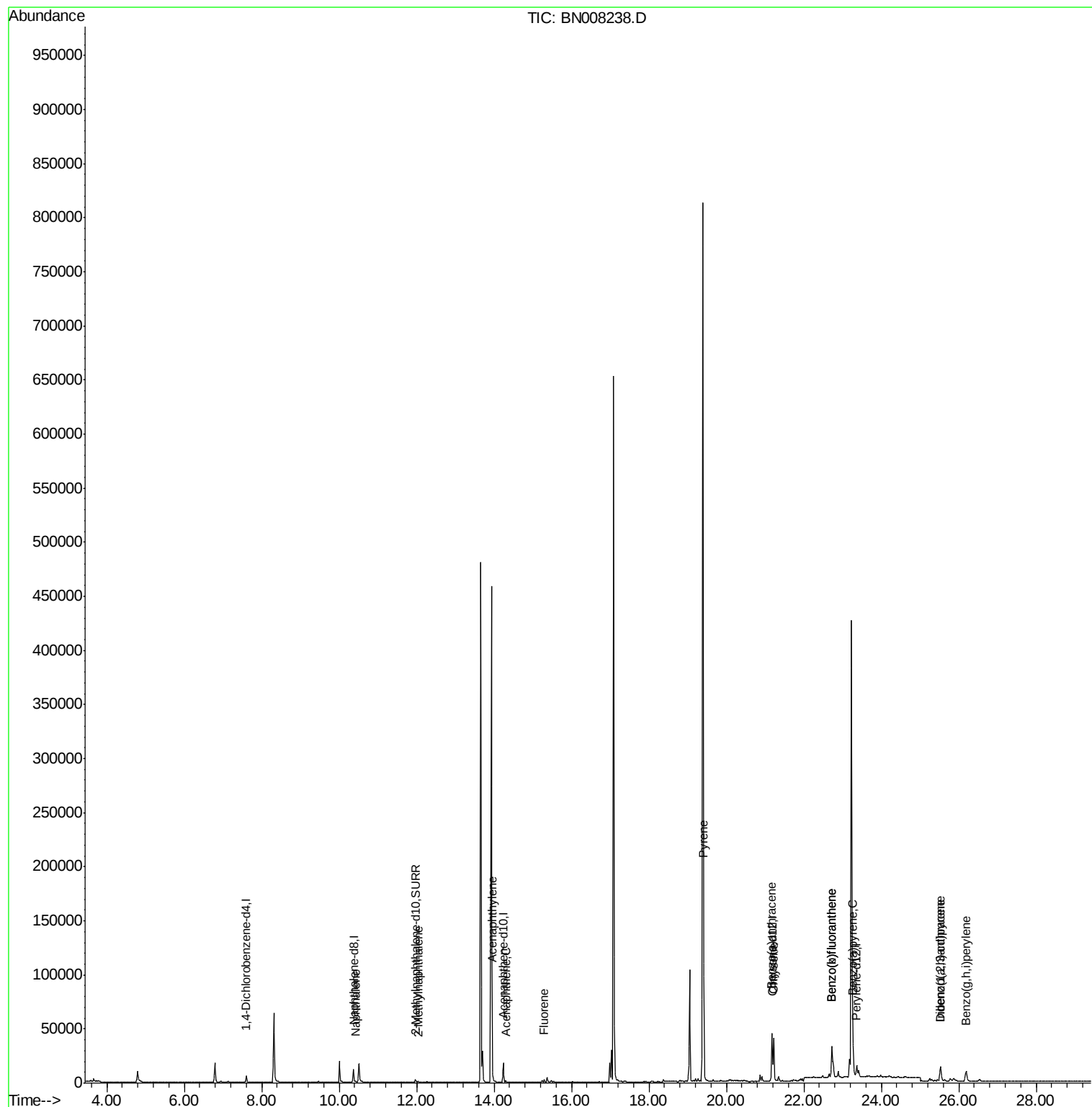
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	3362	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	16094	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	9737	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.99
16) Chrysene-d12	21.19	240	14687	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	12658	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	3807	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	10285	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	1356	0.030	ng/ul#	84
5) 2-Methylnaphthalene	12.04	142	685	0.022	ng/ul	99
7) Acenaphthylene	13.95	152	3913	0.084	ng/ul	96
8) Acenaphthene	14.30	153	933	0.026	ng/ul	96
9) Fluorene	15.29	166	1481	0.036	ng/ul#	96
17) Pyrene	19.41	202	78356	1.340	ng/ul	97
18) Benzo(a)anthracene	21.17	228	36100	0.676	ng/ul	97
19) Chrysene	21.22	228	41989	0.641	ng/ul	98
21) Benzo(b)fluoranthene	22.72	252	62168	1.509	ng/ul	98
22) Benzo(k)fluoranthene	22.72	252	62168	1.332	ng/ul	97
23) Benzo(a)pyrene	23.27	252	30657	0.707	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.53	276	22295	0.437	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.53	278	4927	0.122	ng/ul#	75
26) Benzo(g,h,i)perylene	26.19	276	20537	0.439	ng/ul	97

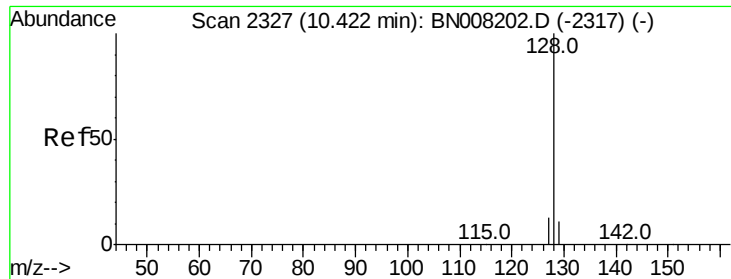
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 17 01:48:53 2019
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#3

Naphthalene

Concen: 0.030 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BN008238.D

Acq: 18 Oct 2019 01:21

Instrument :

BNA_N

ClientSampleId :

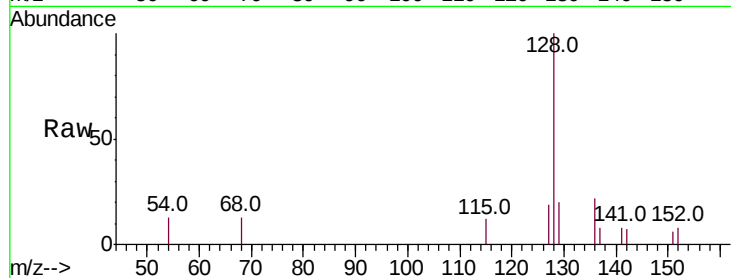
Tot Ion:128 Resp: 1356

Ion Ratio Lower Upper

128 100

129 19.8 9.8 14.8#

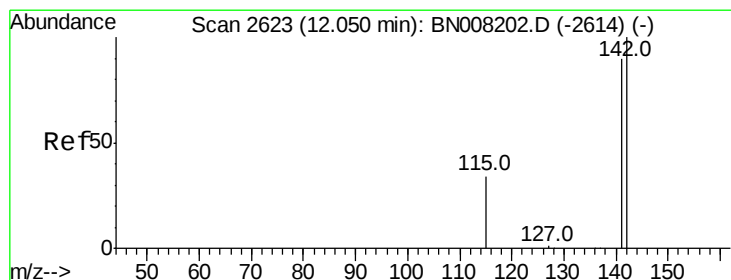
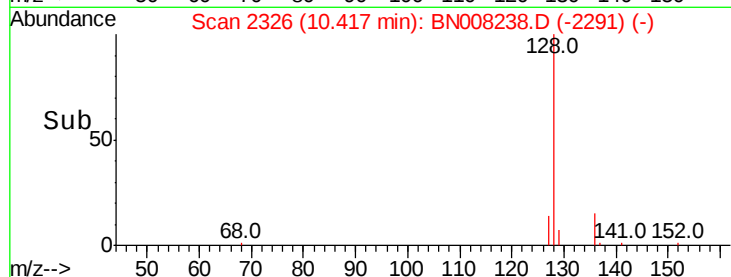
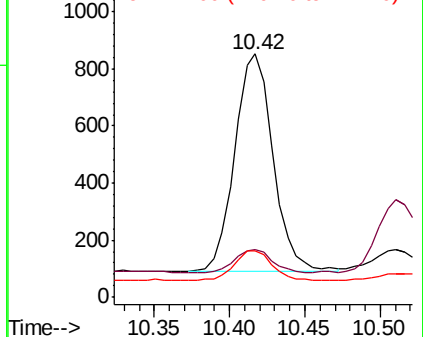
127 19.0 11.1 16.7#



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



#5

2-Methylnaphthalene

Concen: 0.022 ng/ul

RT: 12.04 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BN008238.D

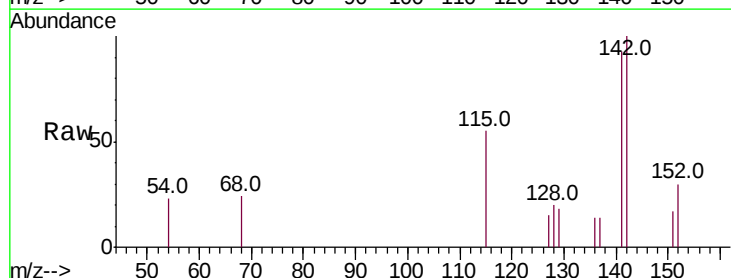
Acq: 18 Oct 2019 01:21

Tgt Ion:142 Resp: 685

Ion Ratio Lower Upper

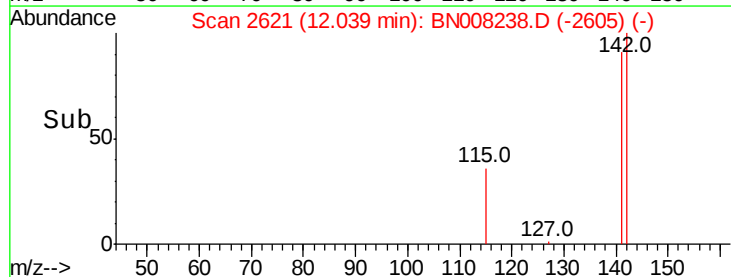
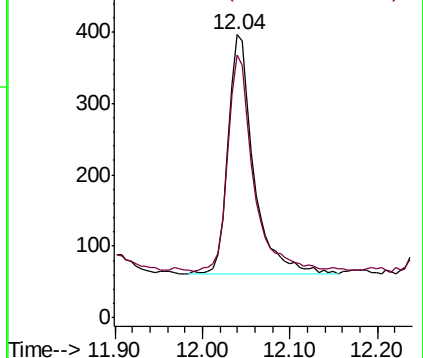
142 100

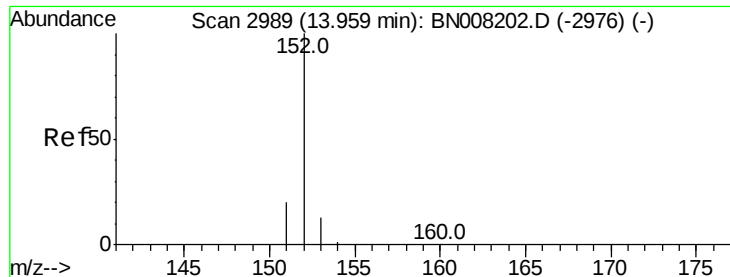
141 90.4 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.084 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN008238.D

Acq: 18 Oct 2019 01:21

Instrument :

BNA_N

ClientSampleId :

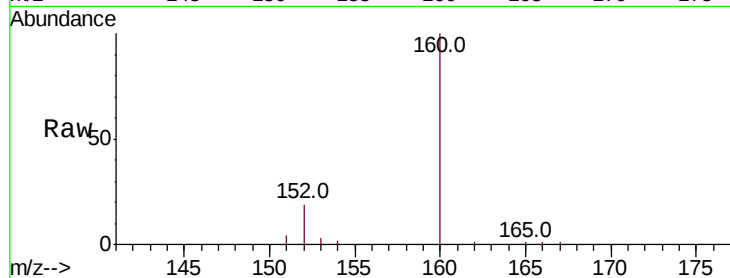
Tot Ion:152 Resp: 3913

Ion Ratio Lower Upper

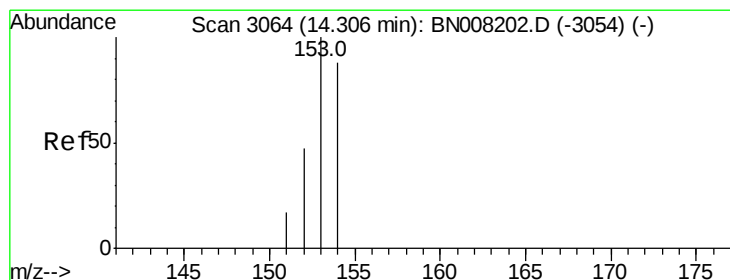
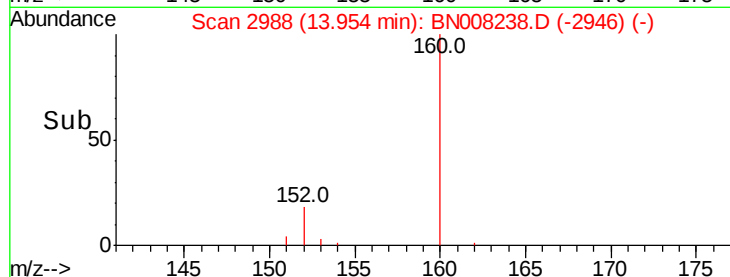
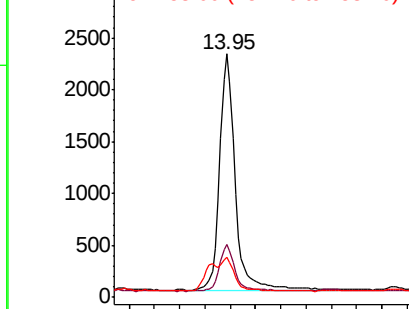
152 100

151 21.7 16.2 24.4

153 16.4 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: 0.026 ng/ul

RT: 14.30 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BN008238.D

Acq: 18 Oct 2019 01:21

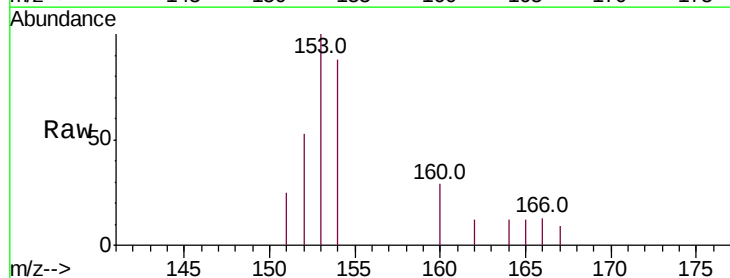
Tgt Ion:153 Resp: 933

Ion Ratio Lower Upper

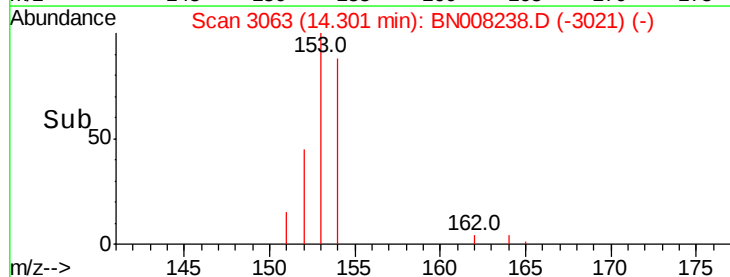
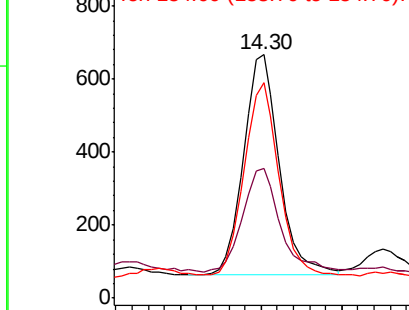
153 100

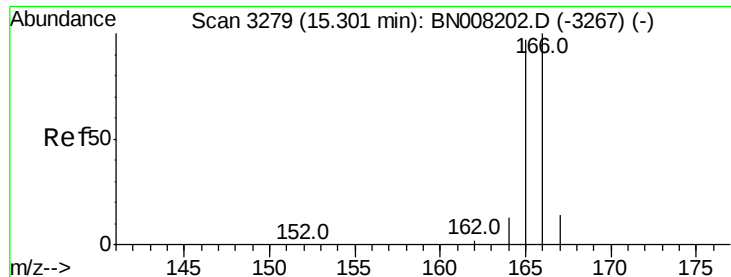
152 53.4 38.2 57.2

154 88.5 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: 0.036 ng/ul

RT: 15.29 min Scan# 3277

Delta R.T. -0.01 min

Lab File: BN008238.D

Acq: 18 Oct 2019 01:21

Instrument :

BNA_N

ClientSampled :

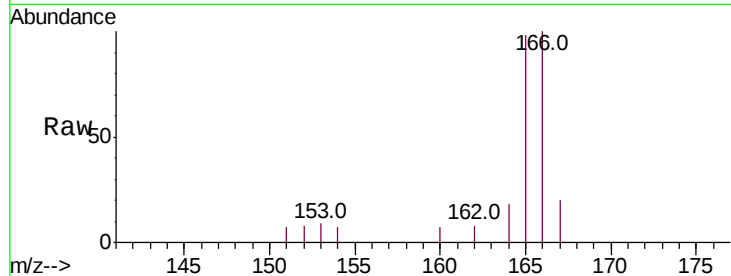
Tot Ion:166 Resp: 1481

Ion Ratio Lower Upper

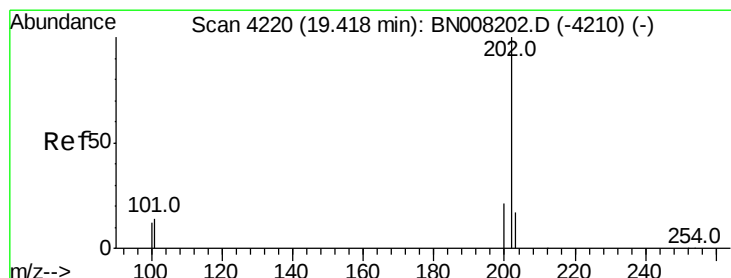
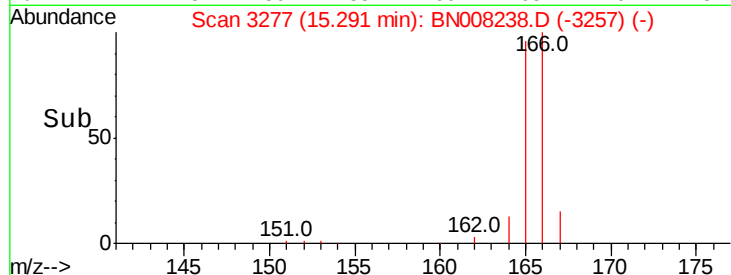
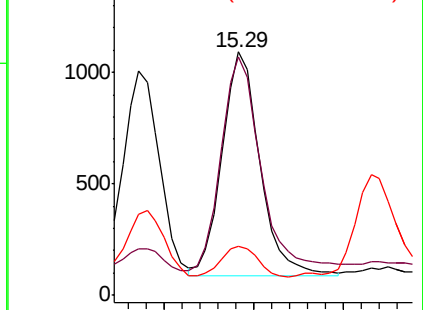
166 100

165 98.2 76.6 115.0

167 20.3 11.7 17.5#



Abundance Ion 166.00 (165.70 to 166.70): E
1500 Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#17

Pyrene

Concen: 1.340 ng/ul

RT: 19.41 min Scan# 4219

Delta R.T. -0.00 min

Lab File: BN008238.D

Acq: 18 Oct 2019 01:21

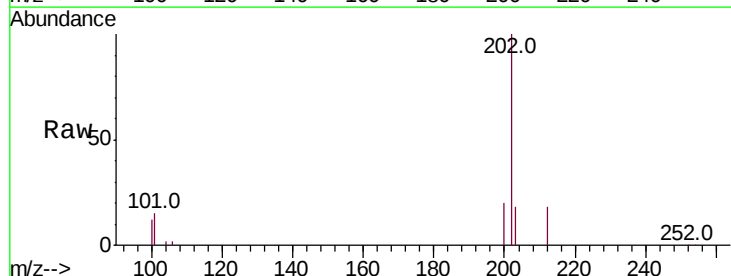
Tgt Ion:202 Resp: 78356

Ion Ratio Lower Upper

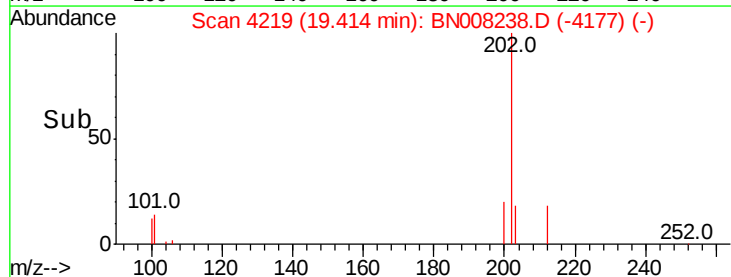
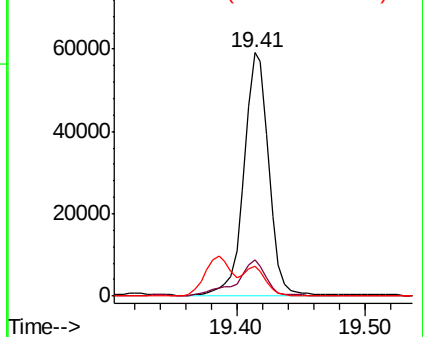
202 100

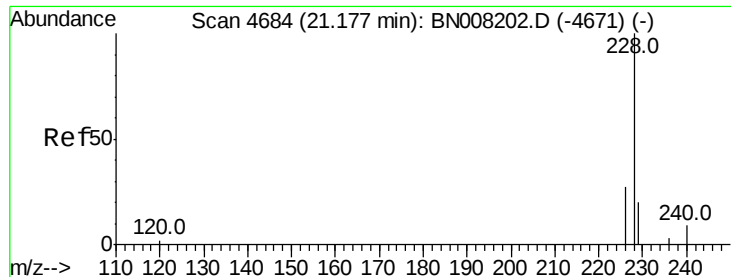
101 14.6 10.9 16.3

100 12.1 8.7 13.1



Abundance Ion 202.00 (201.70 to 202.70): E
80000 Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

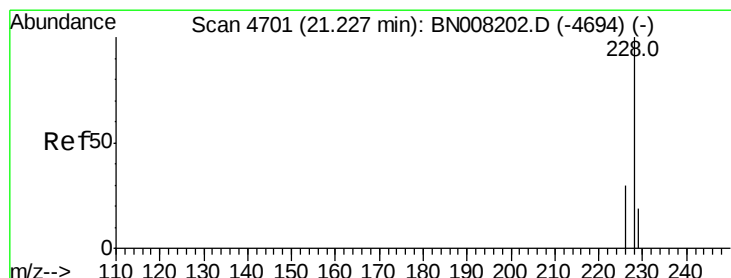
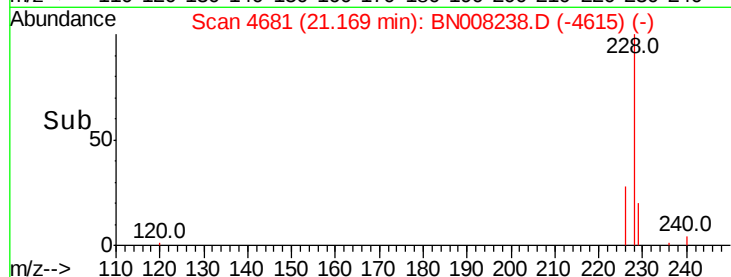
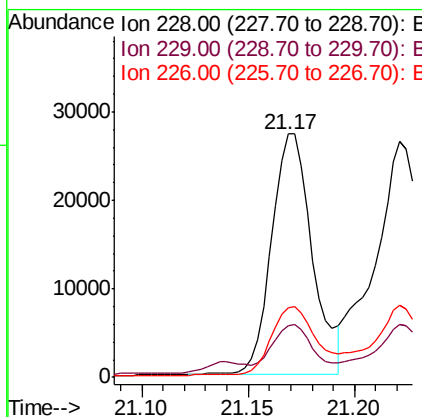
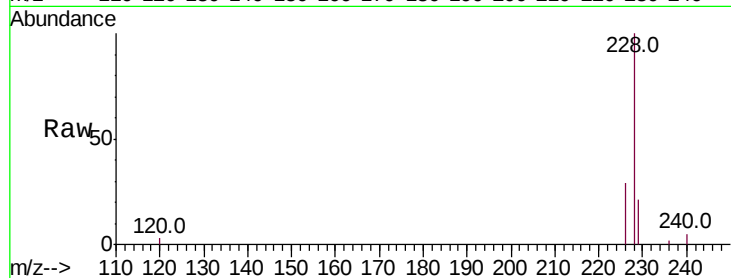




#18
Benzo(a)anthracene
Concen: 0.676 ng/ul
RT: 21.17 min Scan# 4681
Delta R.T. -0.01 min
Lab File: BN008238.D
Acq: 18 Oct 2019 01:21

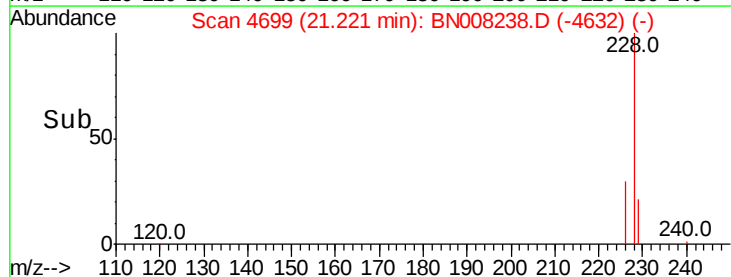
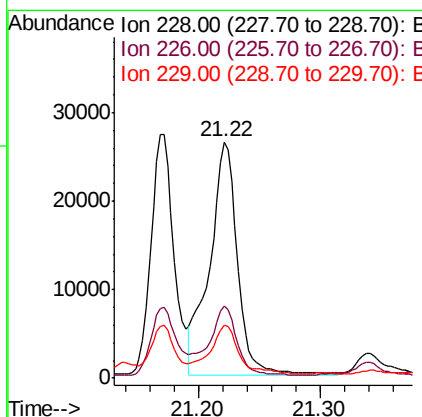
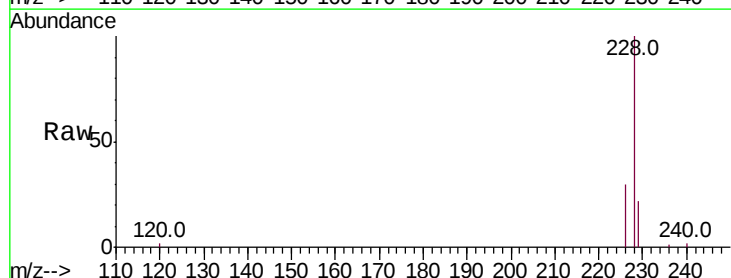
Instrument :
BNA_N
ClientSampleId :

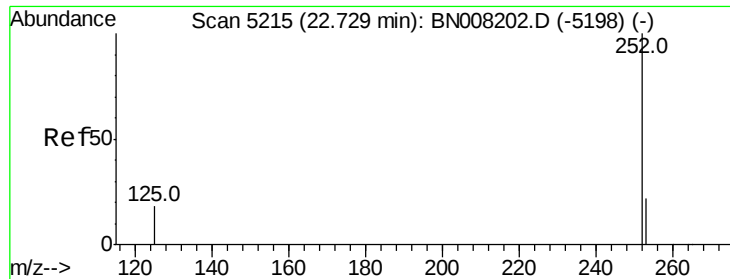
Tot Ion:228 Resp: 36100
Ion Ratio Lower Upper
228 100
229 21.3 16.2 24.2
226 28.8 21.4 32.0



#19
Chrysene
Concen: 0.641 ng/ul
RT: 21.22 min Scan# 4699
Delta R.T. -0.01 min
Lab File: BN008238.D
Acq: 18 Oct 2019 01:21

Tgt Ion:228 Resp: 41989
Ion Ratio Lower Upper
228 100
226 30.4 24.1 36.1
229 22.1 16.2 24.2





#21

Benzo(b)fluoranthene

Concen: 1.509 ng/ul

RT: 22.72 min Scan# 5211

Delta R.T. -0.01 min

Lab File: BN008238.D

Acq: 18 Oct 2019 01:21

Instrument :

BNA_N

ClientSampleId :

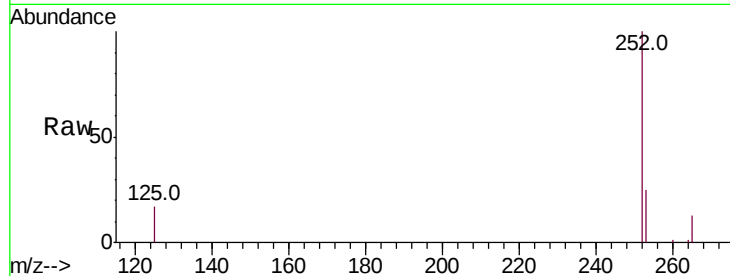
Tot Ion:252 Resp: 62168

Ion Ratio Lower Upper

252 100

253 25.2 0.0 53.4

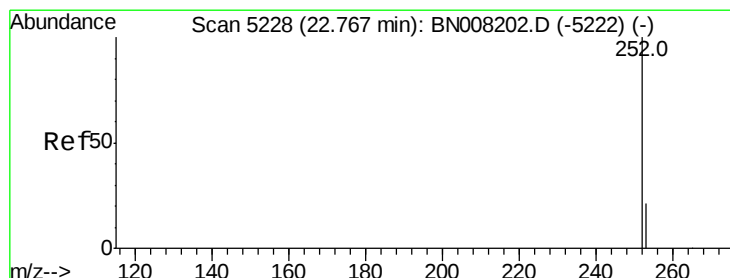
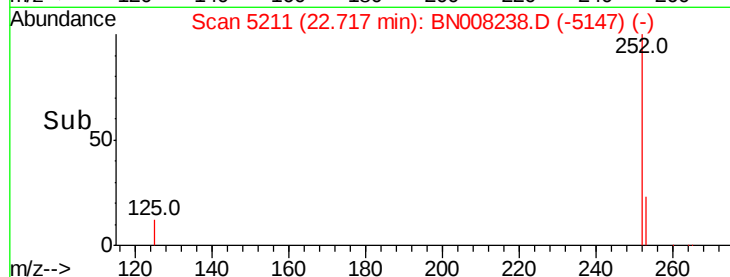
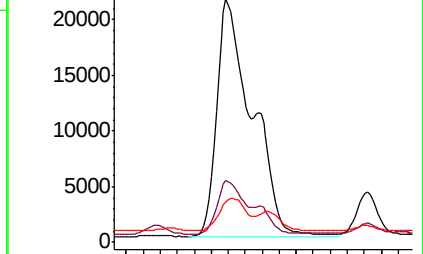
125 16.6 0.0 32.4



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: 1.332 ng/ul

RT: 22.72 min Scan# 5211

Delta R.T. -0.05 min

Lab File: BN008238.D

Acq: 18 Oct 2019 01:21

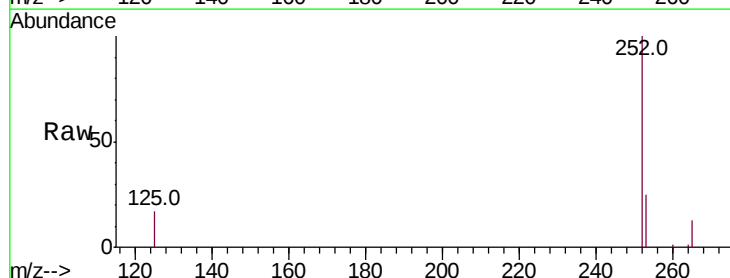
Tgt Ion:252 Resp: 62168

Ion Ratio Lower Upper

252 100

253 25.2 21.3 31.9

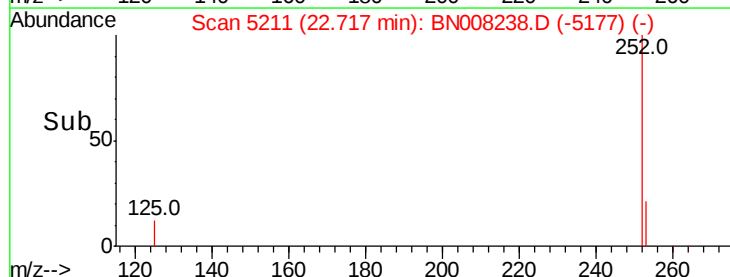
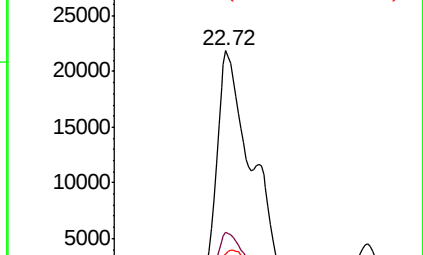
125 16.6 12.3 18.5

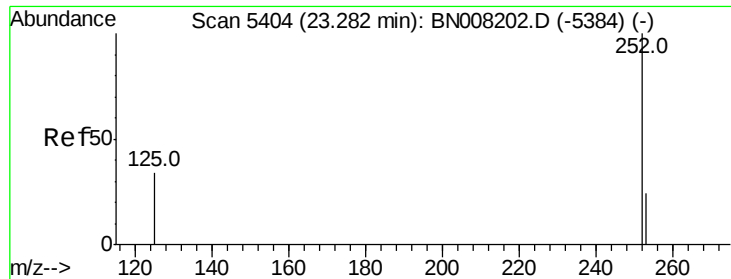


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.707 ng/ul

RT: 23.27 min Scan# 5400

Delta R.T. -0.01 min

Lab File: BN008238.D

Acq: 18 Oct 2019 01:21

Instrument :

BNA_N

ClientSampled :

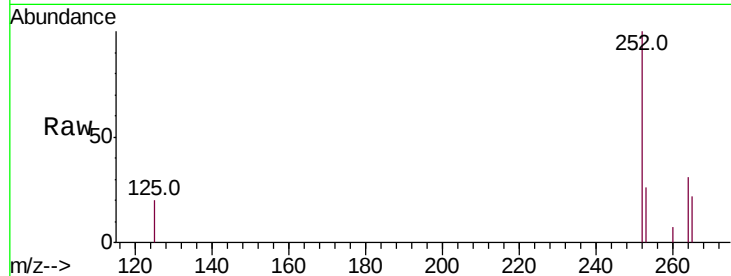
Tot Ion:252 Resp: 30657

Ion Ratio Lower Upper

252 100

253 26.2 22.8 34.2

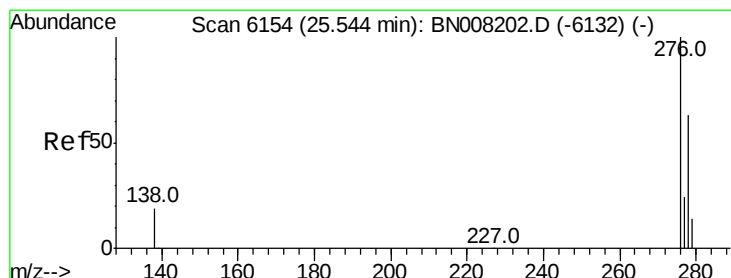
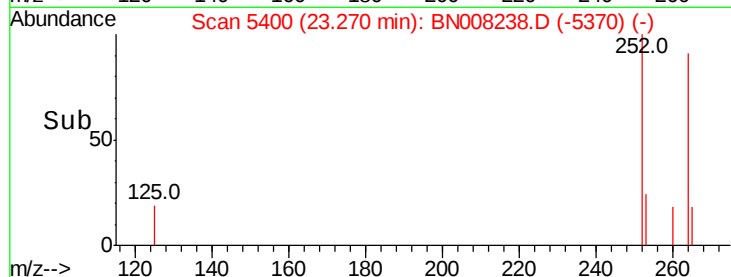
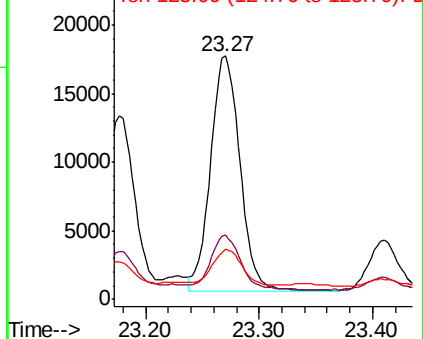
125 20.5 18.4 27.6



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: 0.437 ng/ul

RT: 25.53 min Scan# 6149

Delta R.T. -0.02 min

Lab File: BN008238.D

Acq: 18 Oct 2019 01:21

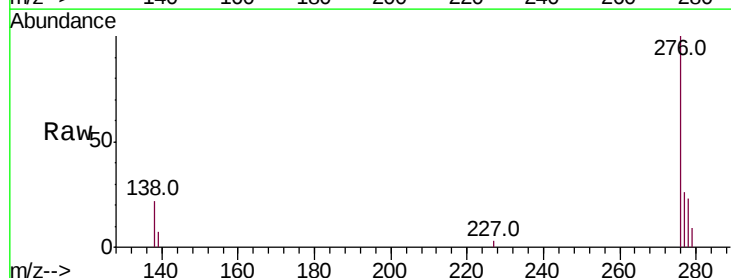
Tgt Ion:276 Resp: 22295

Ion Ratio Lower Upper

276 100

138 21.0 16.1 24.1

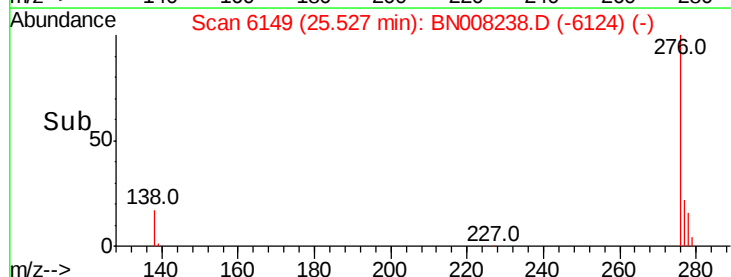
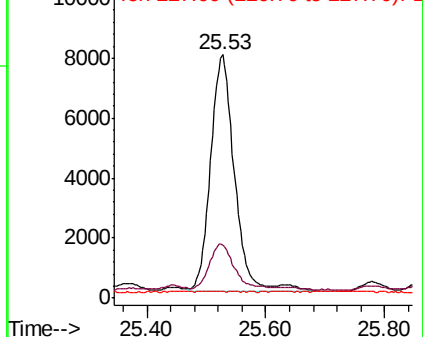
227 0.1 0.2 0.2#

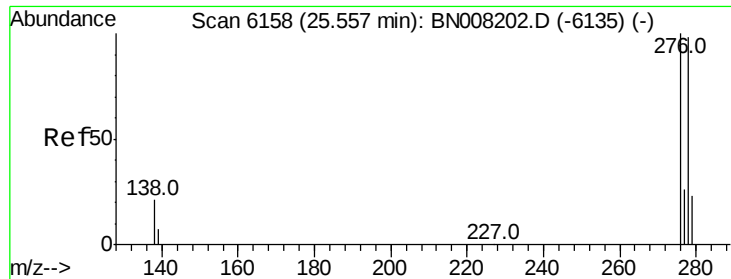


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

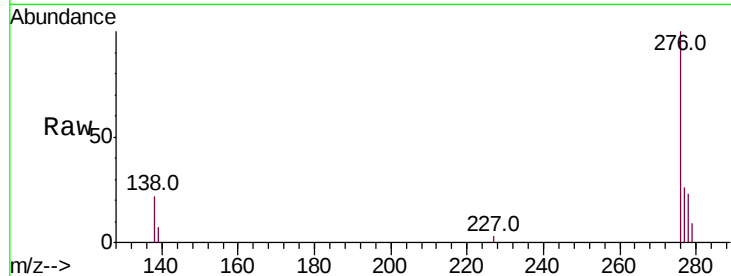




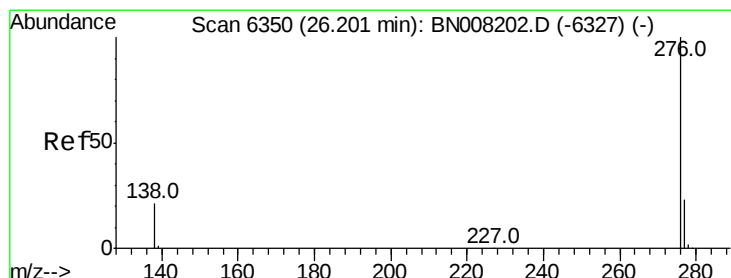
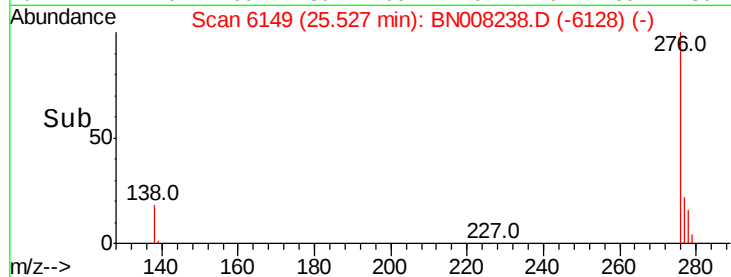
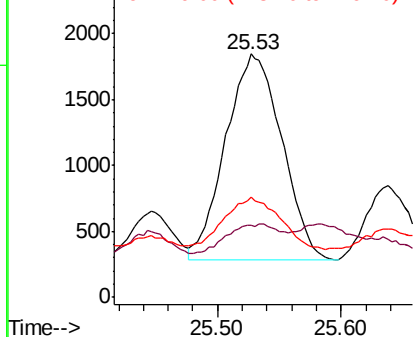
#25
Dibenzo(a,h)anthracene
Concen: 0.122 ng/ul
RT: 25.53 min Scan# 6149
Delta R.T. -0.03 min
Lab File: BN008238.D
Acq: 18 Oct 2019 01:21

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 4927
Ion Ratio Lower Upper
278 100
139 29.8 15.0 22.6#
279 41.0 22.4 33.6#

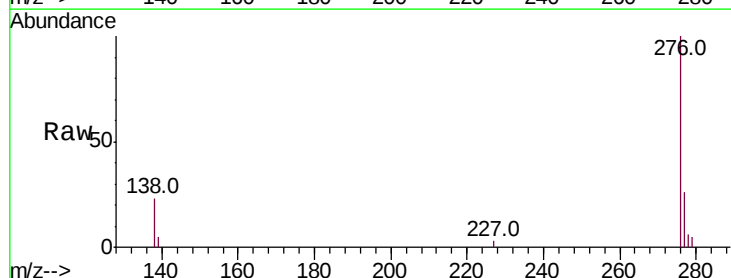


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.439 ng/ul
RT: 26.19 min Scan# 6346
Delta R.T. -0.01 min
Lab File: BN008238.D
Acq: 18 Oct 2019 01:21

Tgt Ion:276 Resp: 20537
Ion Ratio Lower Upper
276 100
138 23.3 17.0 25.4
277 26.0 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

