

Data File : BN008462.D
Acq On : 06 Nov 2019 00:11
Operator : JU
Sample : PB124382BL
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK82

Quant Time: Nov 06 01:00:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 00:56:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	1527	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.32	136	6748	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	4028	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.95
16) Chrysene-d12	21.16	240	5885	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	7395	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	3125	0.30	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	7753	0.00	ng/ul	0.00

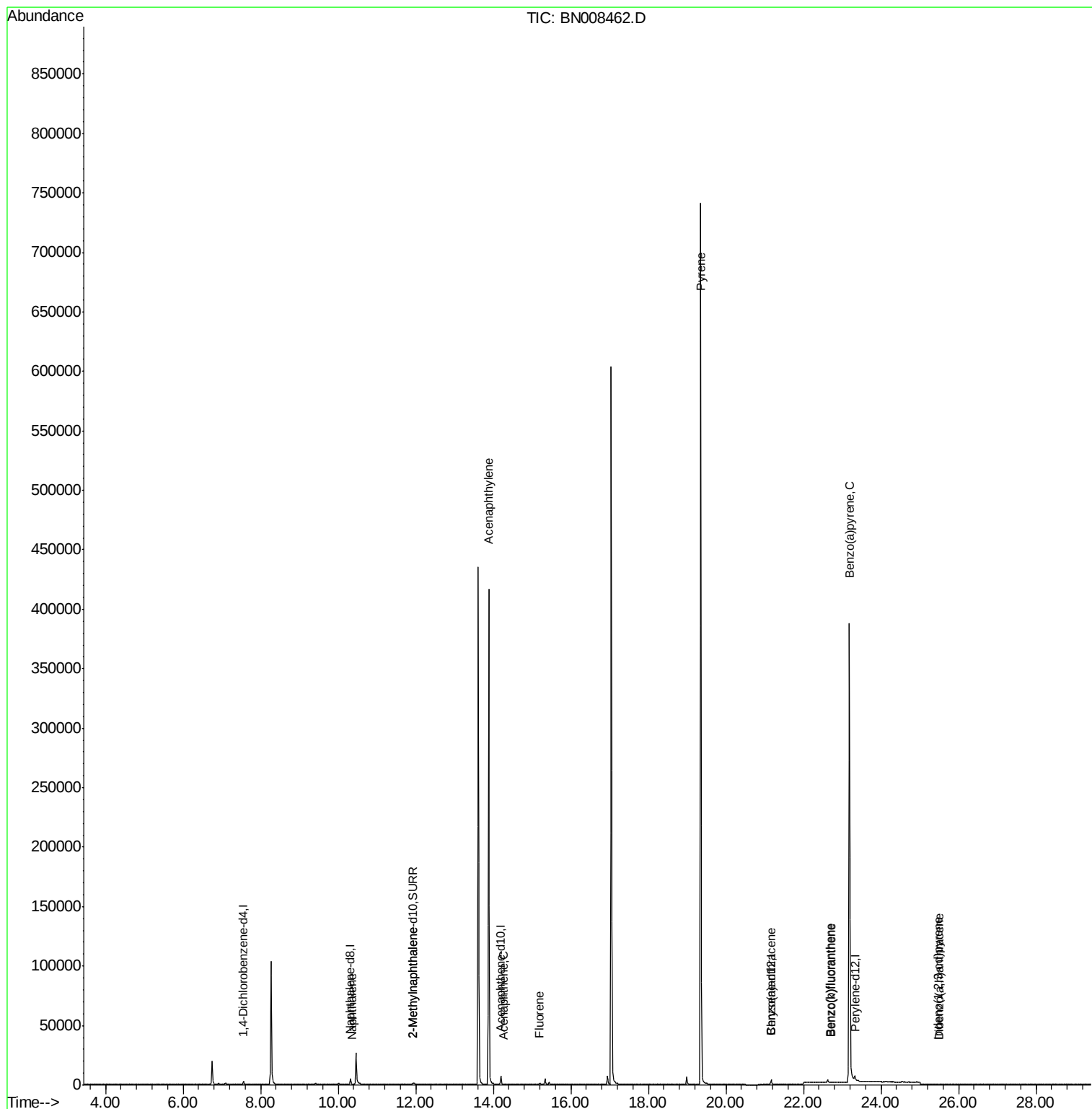
Target Compounds					Qvalue	
3) Naphthalene	10.37	128	39	0.002	ng/ul#	1
5) 2-Methylnaphthalene	11.94	142	4	0.015	ng/ul	84
7) Acenaphthylene	13.88	152	47	0.033	ng/ul#	1
8) Acenaphthene	14.26	153	2	0.017	ng/ul#	67
9) Fluorene	15.19	166	1150	0.094	ng/ul#	16
17) Pyrene	19.35	202	1074	0.026	ng/ul#	1
18) Benzo(a)anthracene	21.16	228	28	0.028	ng/ul#	1
19) Chrysene	21.20	228	22	Below Cal	#	1
21) Benzo(b)fluoranthene	22.69	252	38	0.024	ng/ul#	1
22) Benzo(k)fluoranthene	22.73	252	8	0.018	ng/ul#	1
23) Benzo(a)pyrene	23.18	252	1680	0.066	ng/ul#	68
24) Indeno(1,2,3-cd)pyrene	25.47	276	3	0.004	ng/ul#	14
25) Dibenzo(a,h)anthracene	25.49	278	5	0.009	ng/ul#	1
26) Benzo(g,h,i)perylene	26.10	276	2	Below Cal	#	1

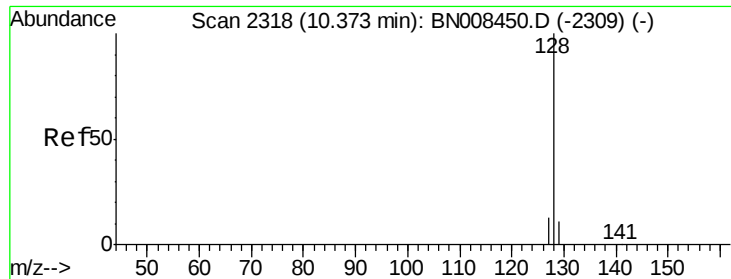
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BN008462.D
Acq On : 06 Nov 2019 00:11
Operator : JU
Sample : PB124382BL
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK82

Quant Time: Nov 06 01:00:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 00:56:29 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.002 ng/ul

RT: 10.37 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BN008462.D

Acq: 06 Nov 2019 00:11

Instrument :

BNA_N

ClientSampleId :

SBLK82

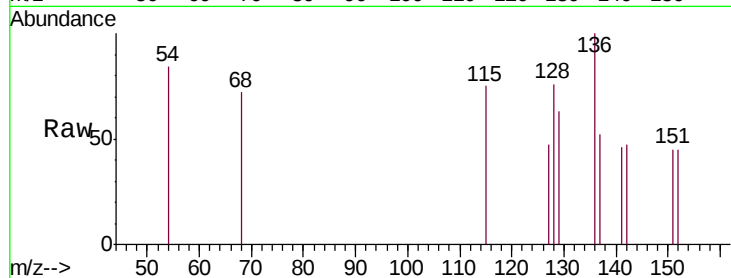
Tgt Ion:128 Resp: 39

Ion Ratio Lower Upper

128 100

129 82.1 10.2 15.2#

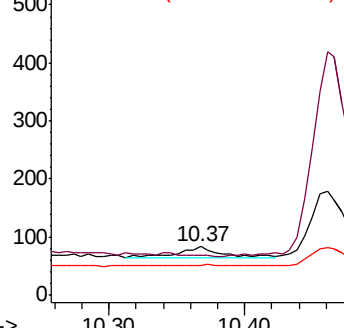
127 61.9 11.4 17.2#



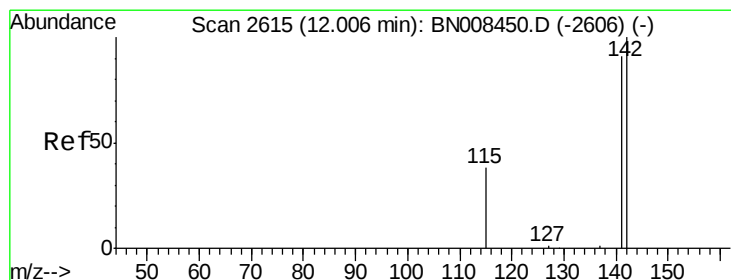
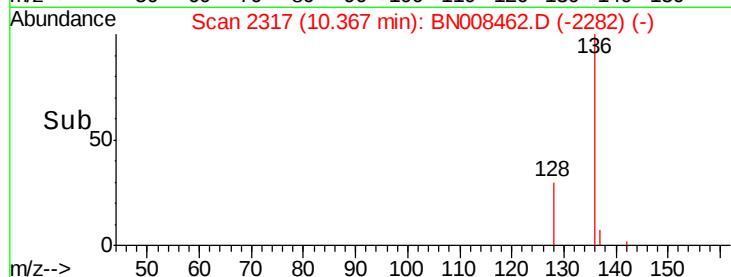
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.015 ng/ul

RT: 11.94 min Scan# 2603

Delta R.T. -0.07 min

Lab File: BN008462.D

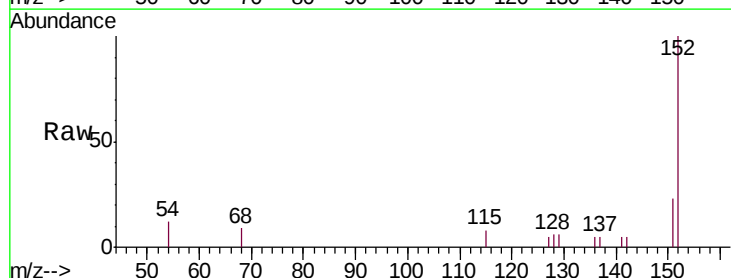
Acq: 06 Nov 2019 00:11

Tgt Ion:142 Resp: 4

Ion Ratio Lower Upper

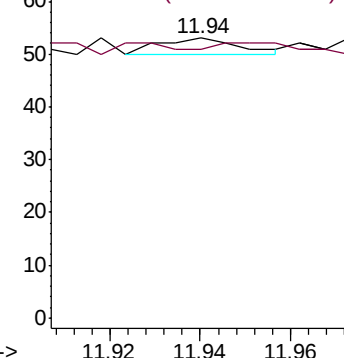
142 100

141 75.0 72.1 108.1

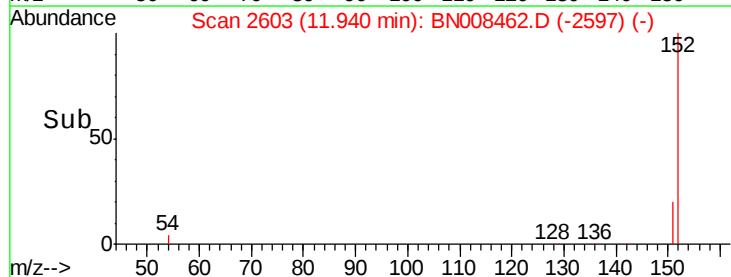


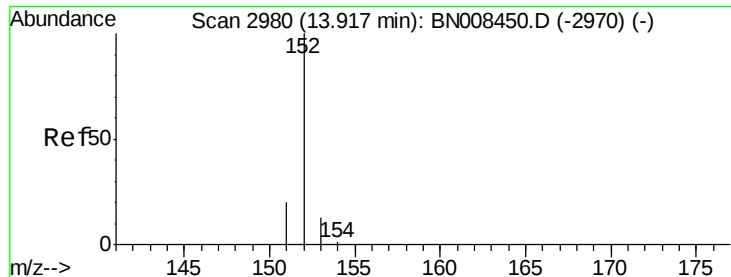
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#7

Acenaphthylene

Concen: 0.033 ng/ul

RT: 13.88 min Scan# 2972

Delta R.T. -0.04 min

Lab File: BN008462.D

Acq: 06 Nov 2019 00:11

Instrument :

BNA_N

ClientSampleId :

SBLK82

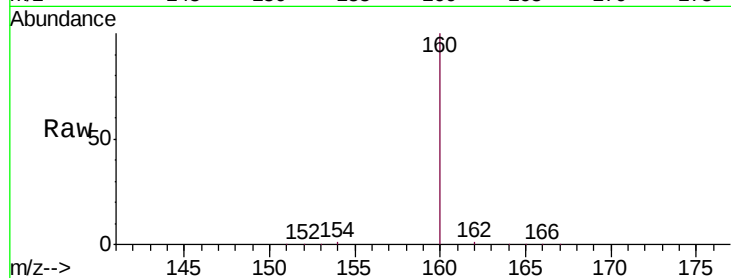
Tgt Ion:152 Resp: 47

Ion Ratio Lower Upper

152 100

151 70.1 16.6 25.0#

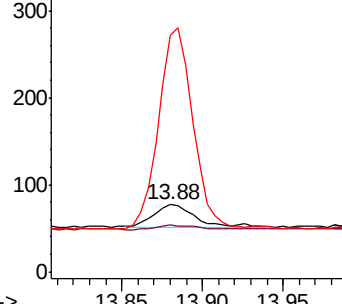
153 353.2 11.4 17.0#



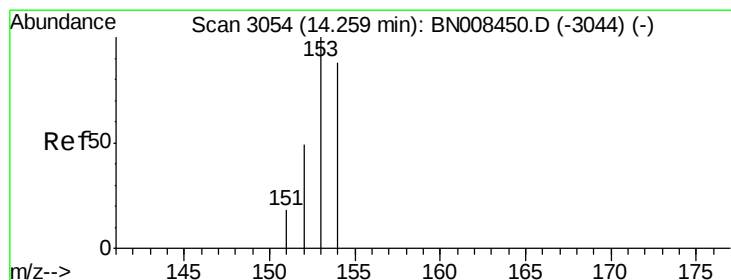
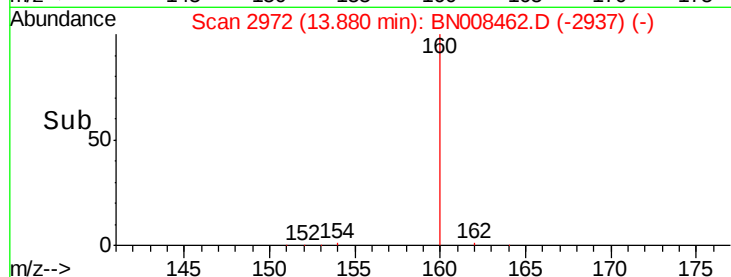
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.017 ng/ul

RT: 14.26 min Scan# 3054

Delta R.T. 0.00 min

Lab File: BN008462.D

Acq: 06 Nov 2019 00:11

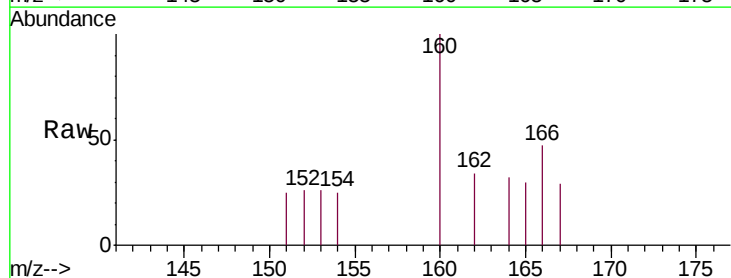
Tgt Ion:153 Resp: 2

Ion Ratio Lower Upper

153 100

152 100.0 40.2 60.2#

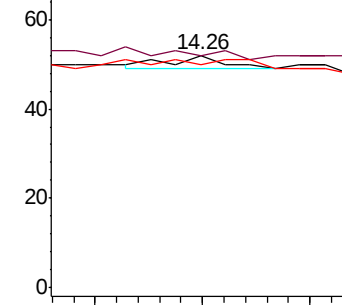
154 96.2 69.1 103.7



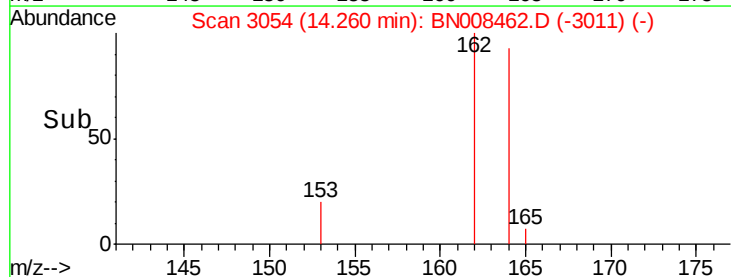
Abundance Ion 153.00 (152.70 to 153.70): E

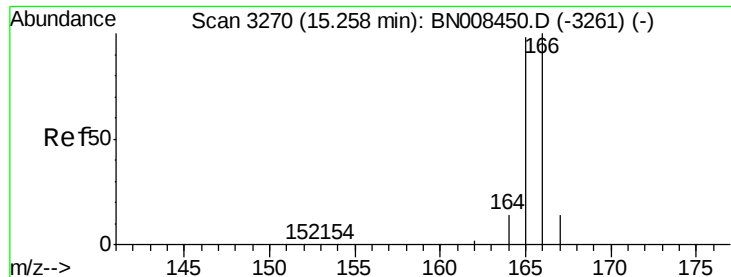
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->





#9

Fluorene

Concen: 0.094 ng/ul

RT: 15.19 min Scan# 3256

Delta R.T. -0.06 min

Lab File: BN008462.D

Acq: 06 Nov 2019 00:11

Instrument :

BNA_N

ClientSampleId :

SBLK82

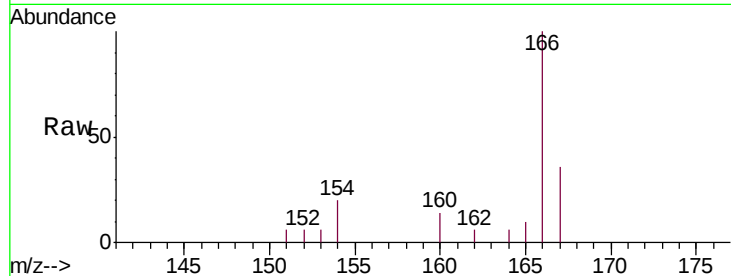
Tgt Ion:166 Resp: 1150

Ion Ratio Lower Upper

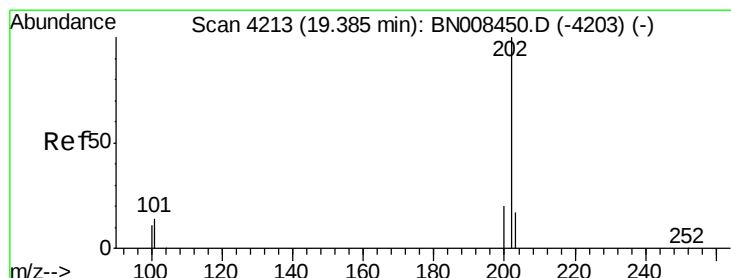
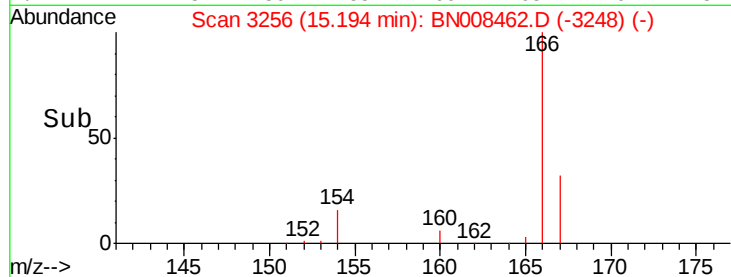
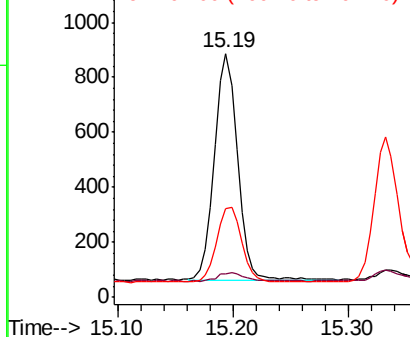
166 100

165 9.6 78.5 117.7#

167 36.3 12.4 18.6#



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



#17

Pyrene

Concen: 0.026 ng/ul

RT: 19.35 min Scan# 4205

Delta R.T. -0.04 min

Lab File: BN008462.D

Acq: 06 Nov 2019 00:11

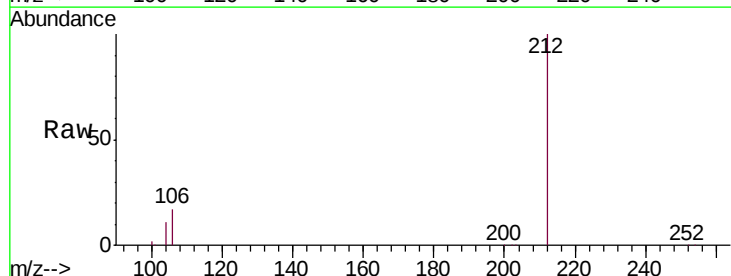
Tgt Ion:202 Resp: 1074

Ion Ratio Lower Upper

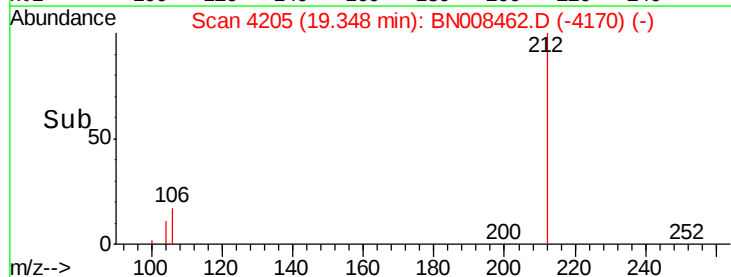
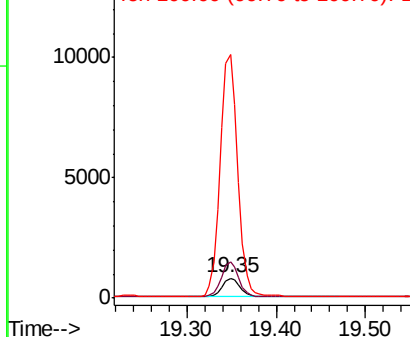
202 100

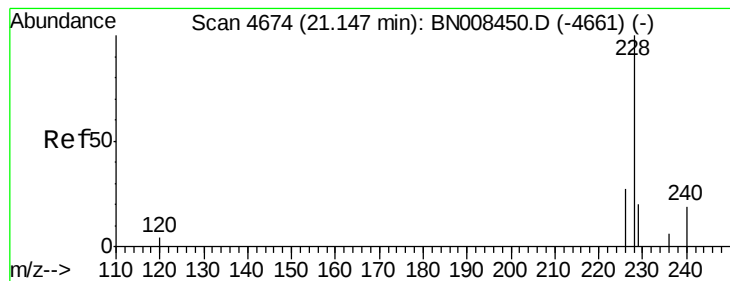
101 182.3 11.6 17.4#

100 1234.4 9.4 14.0#



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: 0.028 ng/ul

RT: 21.16 min Scan# 4679

Delta R.T. 0.02 min

Lab File: BN008462.D

Acq: 06 Nov 2019 00:11

Instrument :

BNA_N

ClientSampleId :

SBLK82

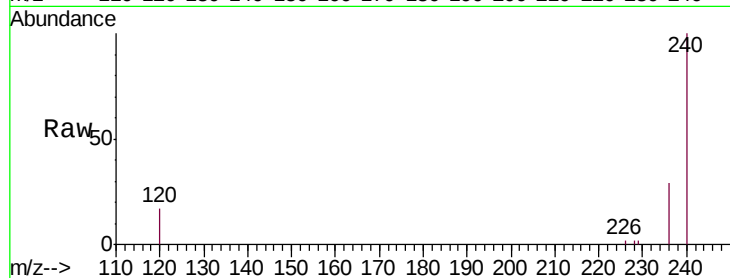
Tgt Ion:228 Resp: 28

Ion Ratio Lower Upper

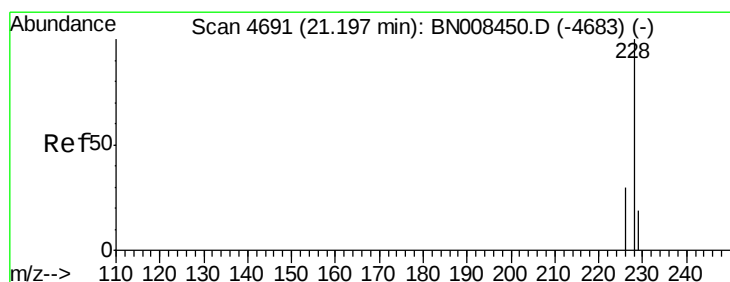
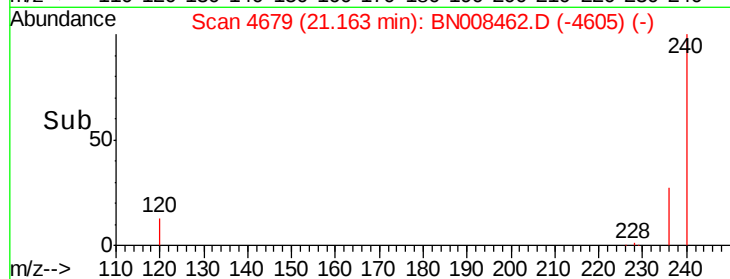
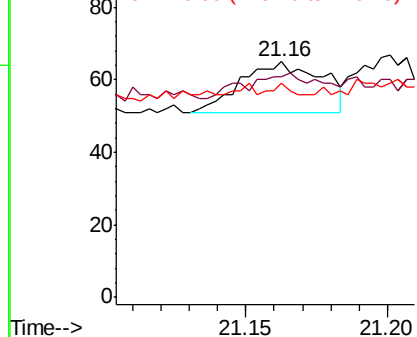
228 100

229 93.8 16.8 25.2#

226 90.8 22.1 33.1#



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: Below Cal

RT: 21.20 min Scan# 4692

Delta R.T. 0.00 min

Lab File: BN008462.D

Acq: 06 Nov 2019 00:11

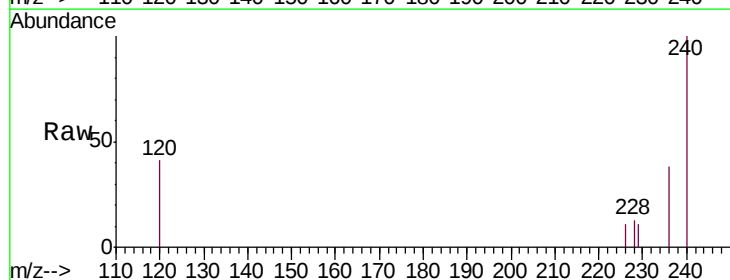
Tgt Ion:228 Resp: 22

Ion Ratio Lower Upper

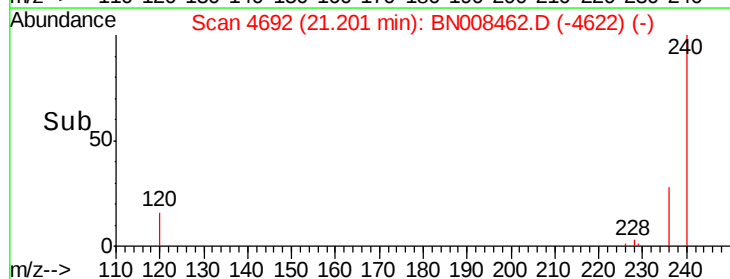
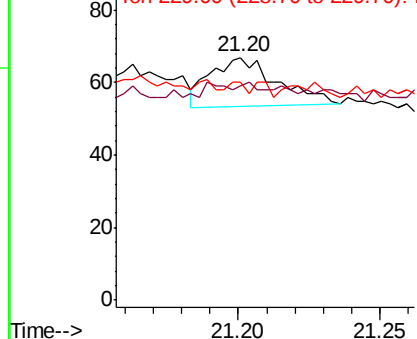
228 100

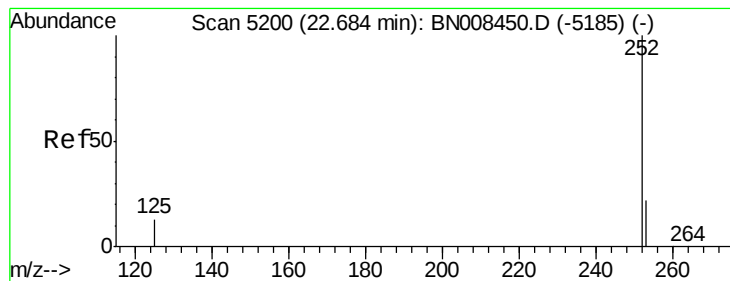
226 88.1 24.6 37.0#

229 89.6 16.6 24.8#



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: 0.024 ng/u1

RT: 22.69 min Scan# 5200

Delta R.T. 0.00 min

Lab File: BN008462.D

Acq: 06 Nov 2019 00:11

Instrument :

BNA_N

ClientSampleId :

SBLK82

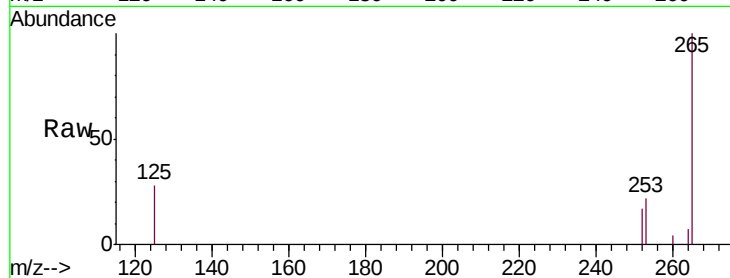
Tgt Ion:252 Resp: 38

Ion Ratio Lower Upper

252 100

253 131.4 0.0 59.6#

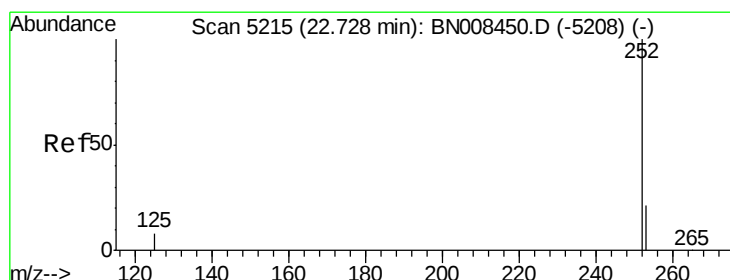
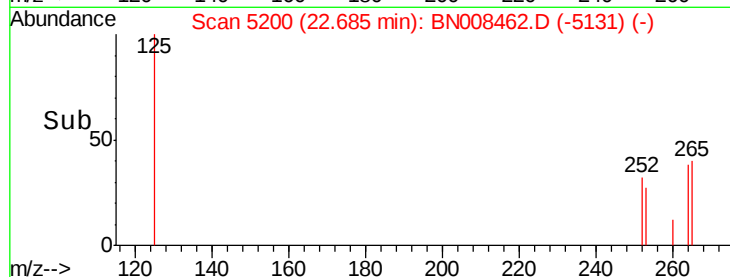
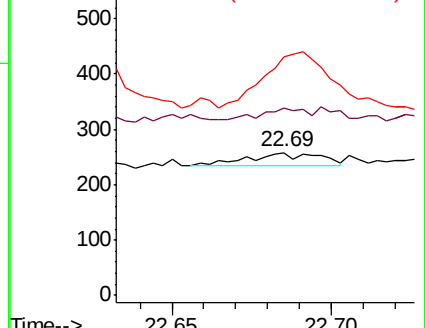
125 167.1 0.0 40.0#



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: 0.018 ng/u1

RT: 22.73 min Scan# 5215

Delta R.T. 0.00 min

Lab File: BN008462.D

Acq: 06 Nov 2019 00:11

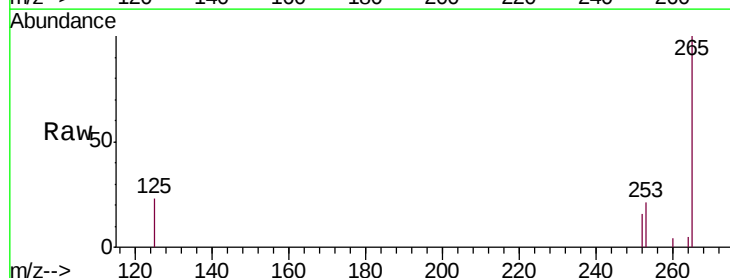
Tgt Ion:252 Resp: 8

Ion Ratio Lower Upper

252 100

253 130.0 24.3 36.5#

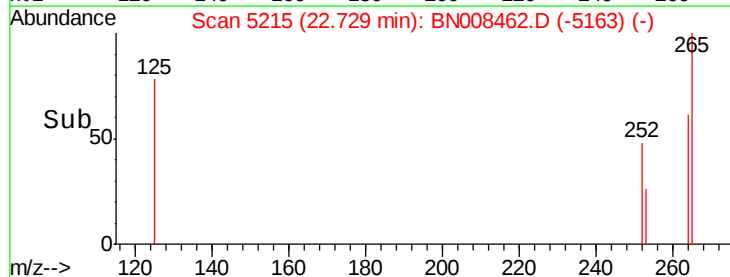
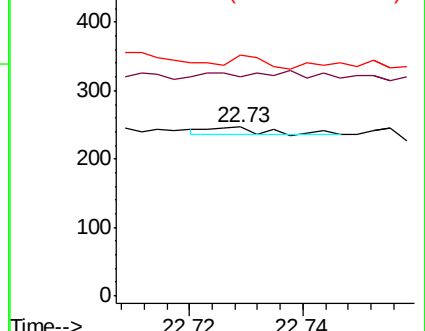
125 142.5 15.8 23.8#

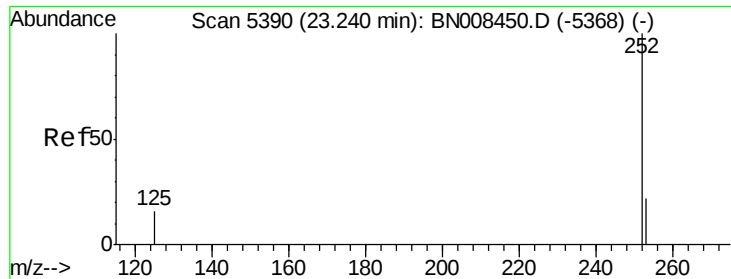


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.066 ng/ul

RT: 23.18 min Scan# 5370

Delta R.T. -0.06 min

Lab File: BN008462.D

Acq: 06 Nov 2019 00:11

Instrument :

BNA_N

ClientSampleId :

SBLK82

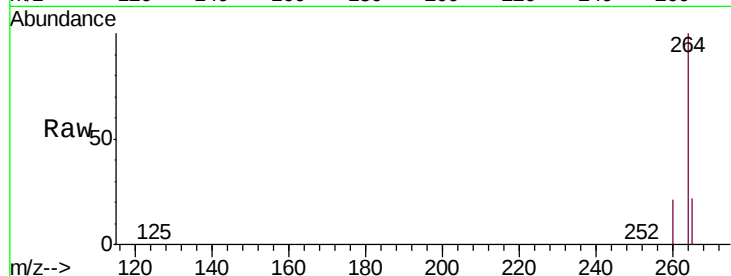
Tgt Ion: 252 Resp: 1680

Ion Ratio Lower Upper

252 100

253 48.7 26.7 40.1#

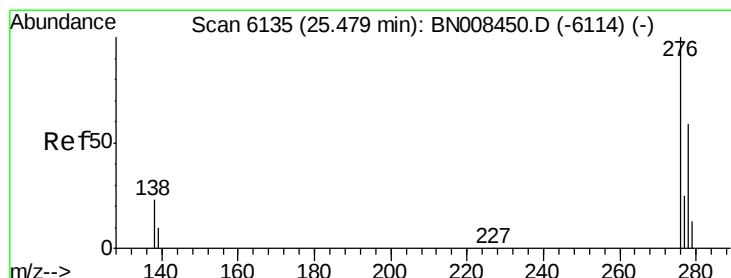
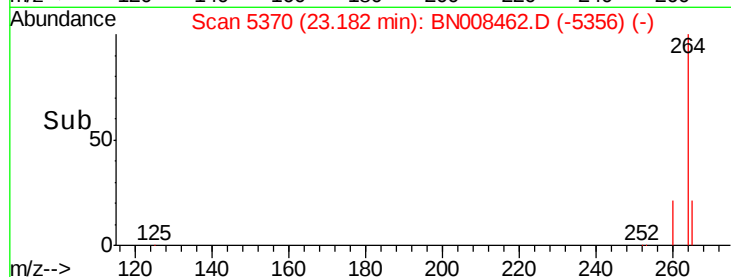
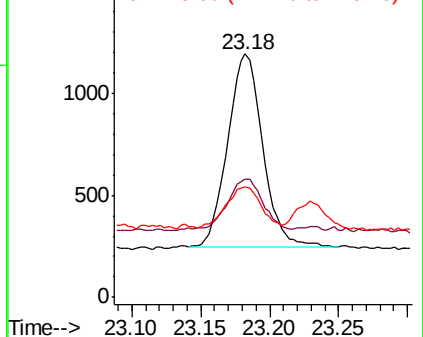
125 45.6 20.6 30.8#



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: 0.004 ng/ul

RT: 25.47 min Scan# 6131

Delta R.T. -0.01 min

Lab File: BN008462.D

Acq: 06 Nov 2019 00:11

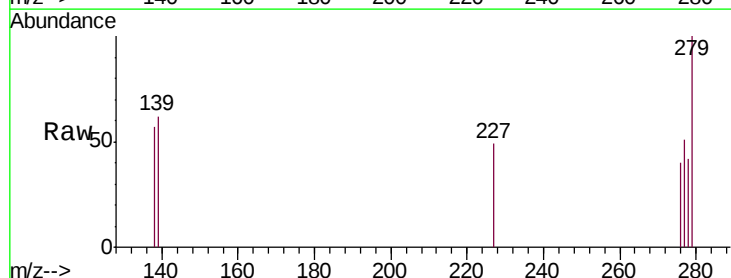
Tgt Ion: 276 Resp: 3

Ion Ratio Lower Upper

276 100

138 66.7 19.4 29.0#

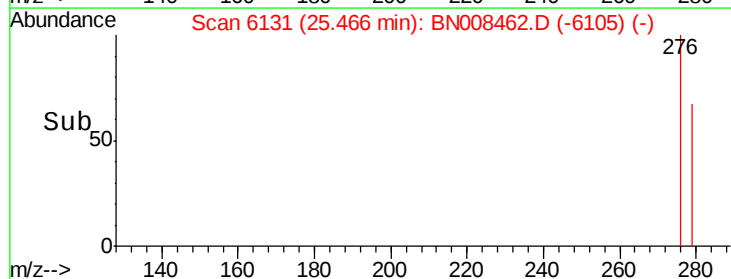
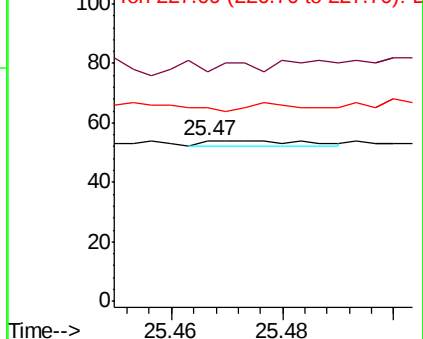
227 66.7 0.2 0.2#

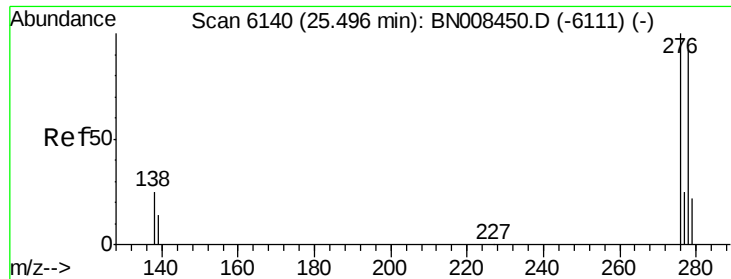


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

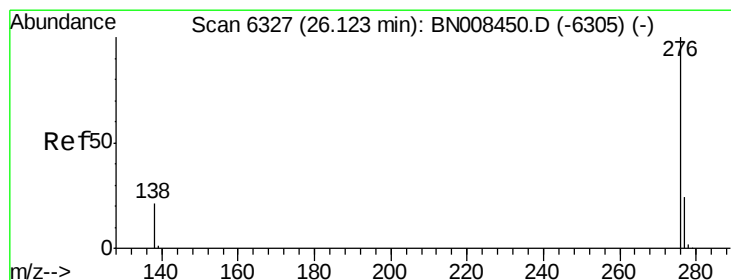
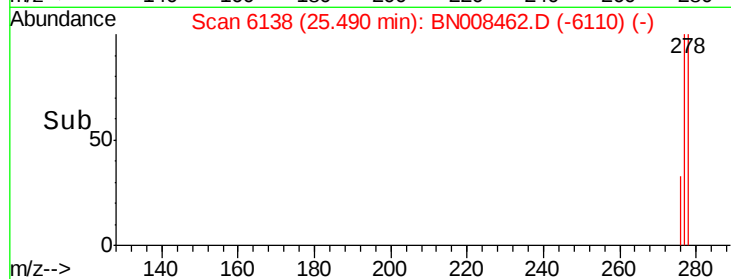
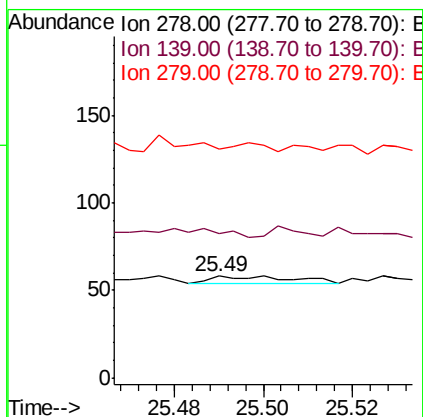
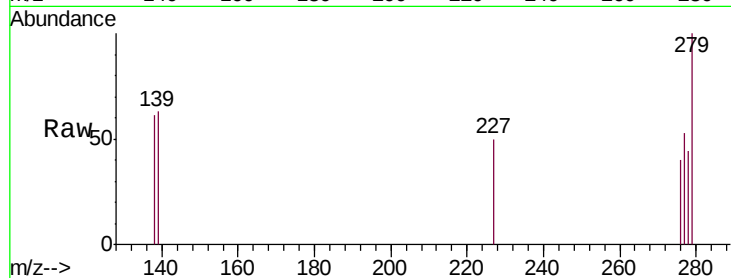




#25
Dibenzo(a,h)anthracene
Concen: 0.009 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.01 min
Lab File: BN008462.D
Acq: 06 Nov 2019 00:11

Instrument :
BNA_N
ClientSampleId :
SBLK82

Tgt Ion: 278 Resp: 5
Ion Ratio Lower Upper
278 100
139 141.4 17.8 26.6#
279 225.9 26.6 40.0#



#26
Benzo(g,h,i)perylene
Concen: Below Cal
RT: 26.10 min Scan# 6321
Delta R.T. -0.02 min
Lab File: BN008462.D
Acq: 06 Nov 2019 00:11

Tgt Ion: 276 Resp: 2
Ion Ratio Lower Upper
276 100
138 147.2 19.9 29.9#
277 130.2 20.9 31.3#

