

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008949.D
 Acq On : 12 Dec 2019 17:16
 Operator : JU
 Sample : K6089-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 13 00:50:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 12 00:49:42 2019
 Response via : Initial Calibration

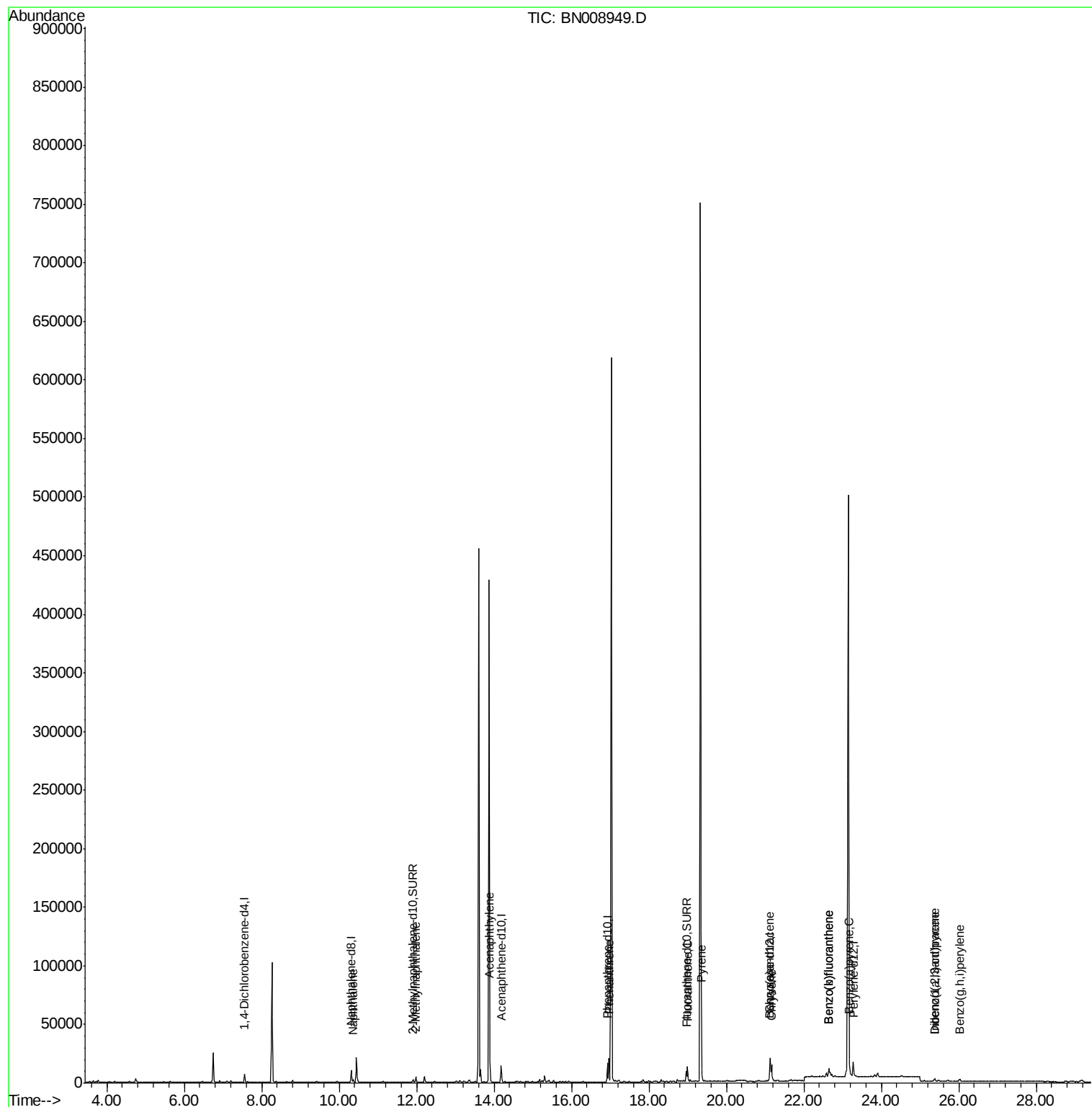
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2826	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	12267	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	7769	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	17538	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	14787	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	14608	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	3347	0.17	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	9254	0.17	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.36	128	2555	0.069	ng/ul#	92
5) 2-Methylnaphthalene	11.98	142	3118	0.121	ng/ul	99
7) Acenaphthylene	13.90	152	971	0.023	ng/ul#	73
12) Phenanthrene	16.97	178	21057	0.356	ng/ul	100
15) Fluoranthene	18.99	202	11652	0.160	ng/ul	96
17) Pyrene	19.36	202	11162	0.188	ng/ul	99
18) Benzo(a)anthracene	21.11	228	4942	0.083	ng/ul#	80
19) Chrysene	21.17	228	15524	0.266	ng/ul#	93
21) Benzo(b)fluoranthene	22.64	252	11966	0.199	ng/ul	78
22) Benzo(k)fluoranthene	22.64	252	11966	0.200	ng/ul#	80
23) Benzo(a)pyrene	23.18	252	3962	0.070	ng/ul#	57
24) Indeno(1,2,3-cd)pyrene	25.38	276	3092	0.047	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.39	278	1278	0.024	ng/ul#	15
26) Benzo(g,h,i)perylene	26.02	276	3852	0.070	ng/ul#	82

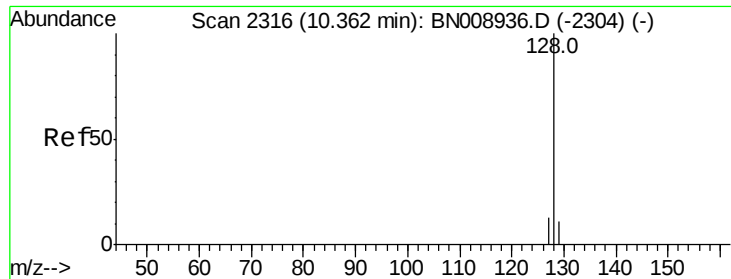
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.069 ng/ul

RT: 10.36 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BN008949.D

Acq: 12 Dec 2019 17:16

Instrument :

BNA_N

ClientSampleId :

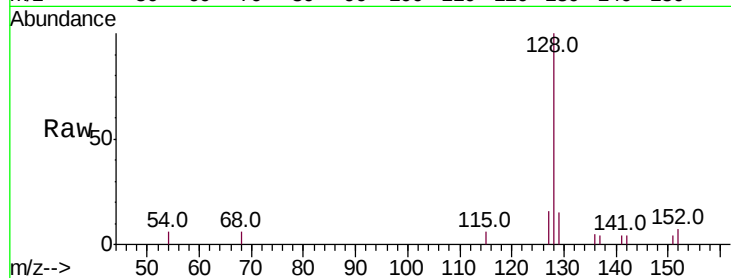
Tot Ion:128 Resp: 2555

Ion Ratio Lower Upper

128 100

129 15.4 9.1 13.7#

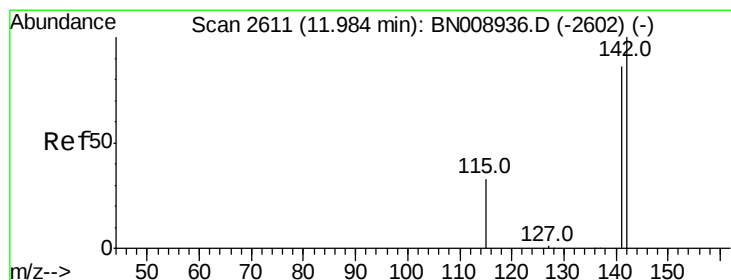
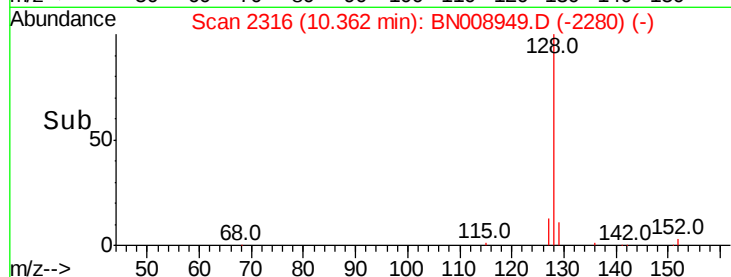
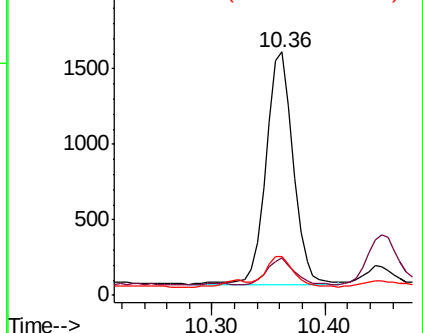
127 15.8 10.7 16.1



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: 0.121 ng/ul

RT: 11.98 min Scan# 2610

Delta R.T. -0.01 min

Lab File: BN008949.D

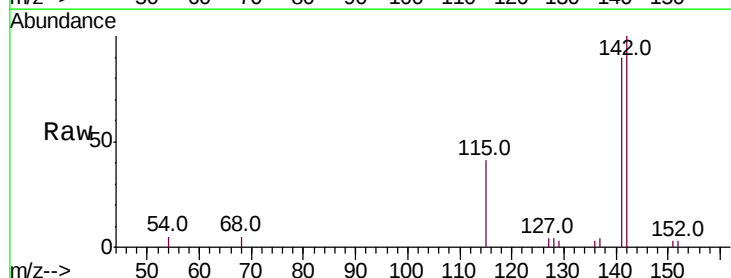
Acq: 12 Dec 2019 17:16

Tgt Ion:142 Resp: 3118

Ion Ratio Lower Upper

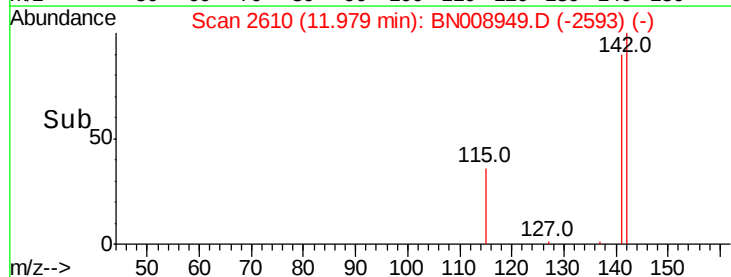
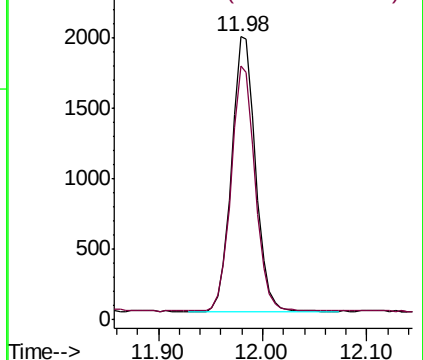
142 100

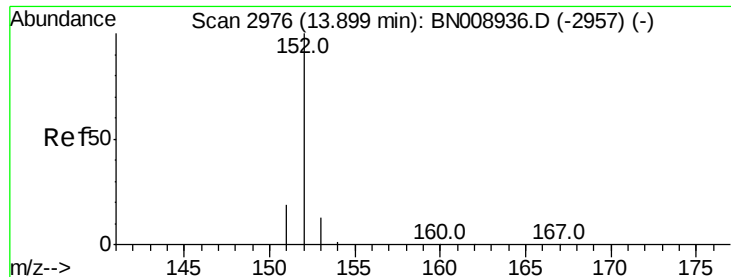
141 88.6 70.1 105.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.023 ng/ul

RT: 13.90 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BN008949.D

Acq: 12 Dec 2019 17:16

Instrument :

BNA_N

ClientSampleId :

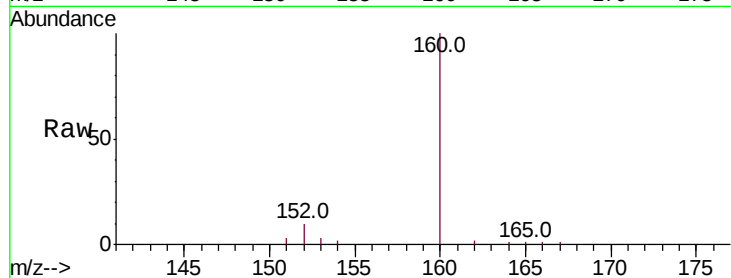
Tot Ion:152 Resp: 971

Ion Ratio Lower Upper

152 100

151 30.9 15.8 23.6#

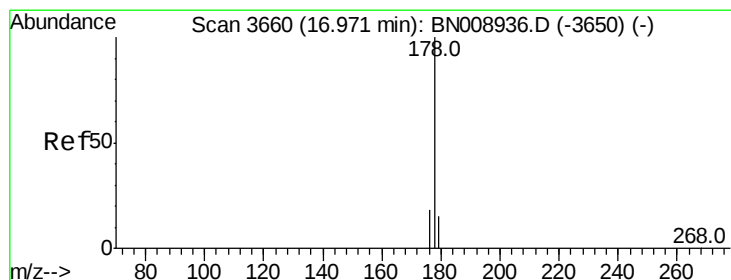
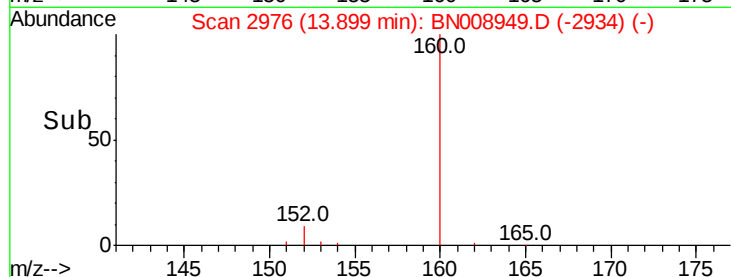
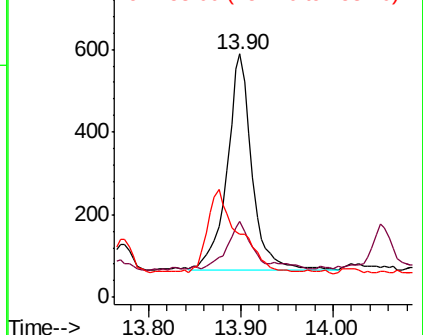
153 25.8 10.6 15.8#



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



#12

Phenanthrene

Concen: 0.356 ng/ul

RT: 16.97 min Scan# 3659

Delta R.T. -0.00 min

Lab File: BN008949.D

Acq: 12 Dec 2019 17:16

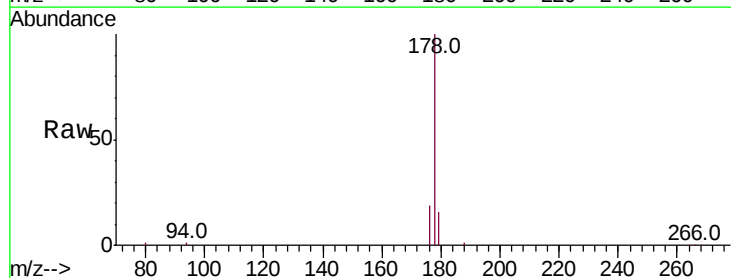
Tgt Ion:178 Resp: 21057

Ion Ratio Lower Upper

178 100

179 15.8 12.6 18.8

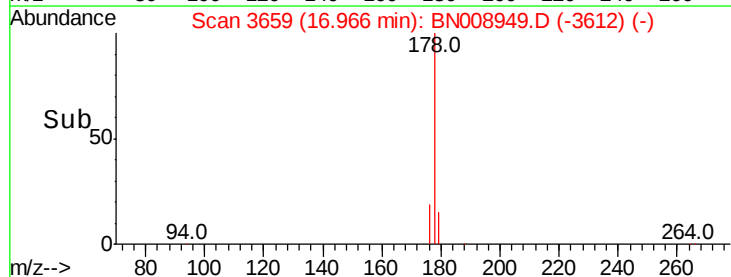
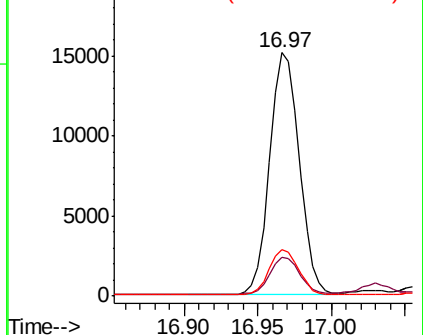
176 19.0 15.3 22.9

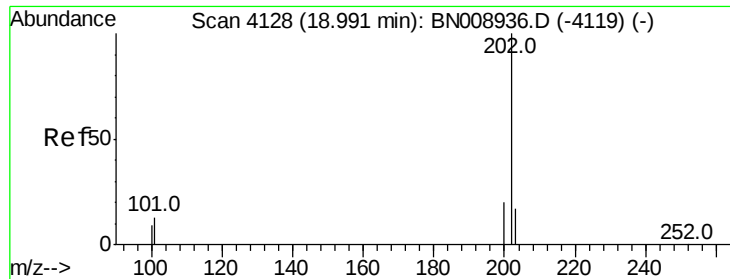


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.160 ng/ul

RT: 18.99 min Scan# 4128

Delta R.T. -0.00 min

Lab File: BN008949.D

Acq: 12 Dec 2019 17:16

Instrument :

BNA_N

ClientSampleId :

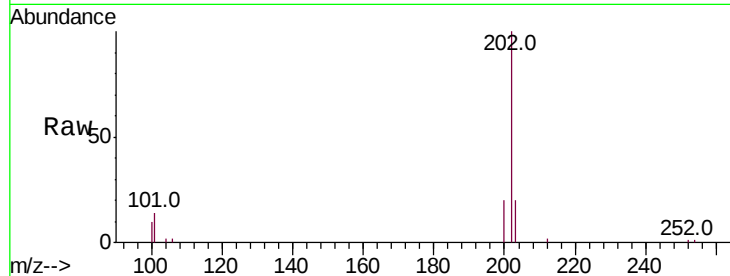
Tot Ion:202 Resp: 11652

Ion Ratio Lower Upper

202 100

101 14.4 0.0 32.4

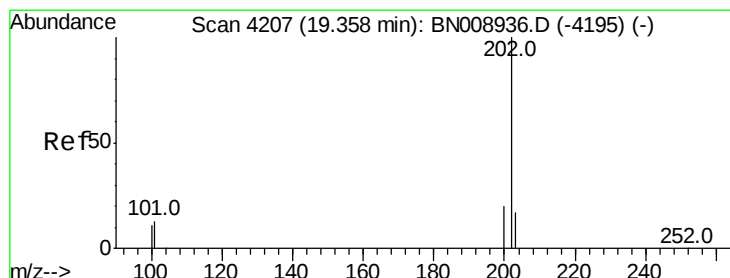
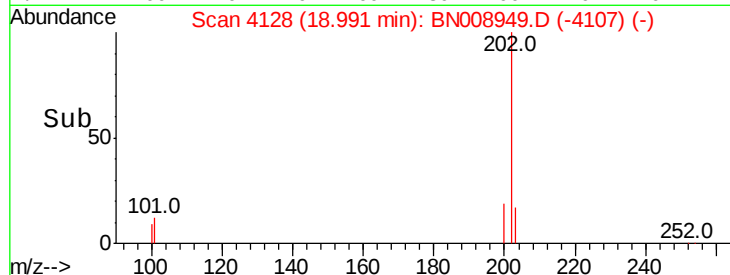
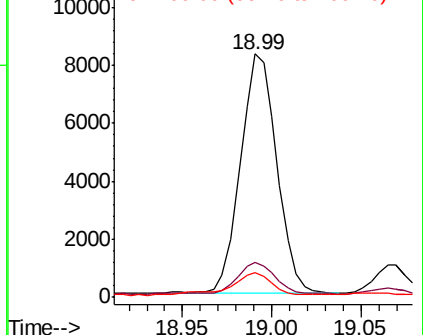
100 10.1 0.0 29.2



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

Pyrene

Concen: 0.188 ng/ul

RT: 19.36 min Scan# 4207

Delta R.T. 0.00 min

Lab File: BN008949.D

Acq: 12 Dec 2019 17:16

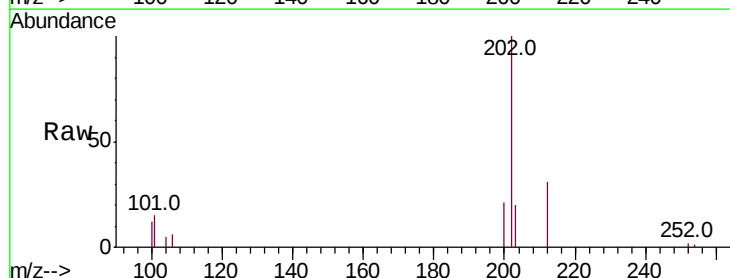
Tgt Ion:202 Resp: 11162

Ion Ratio Lower Upper

202 100

101 15.2 12.2 18.4

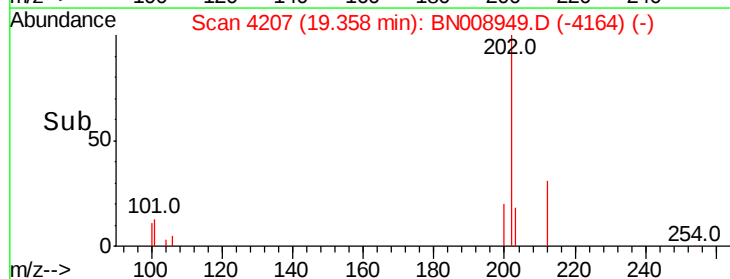
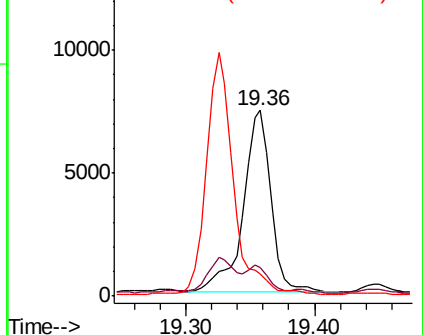
100 12.3 9.5 14.3

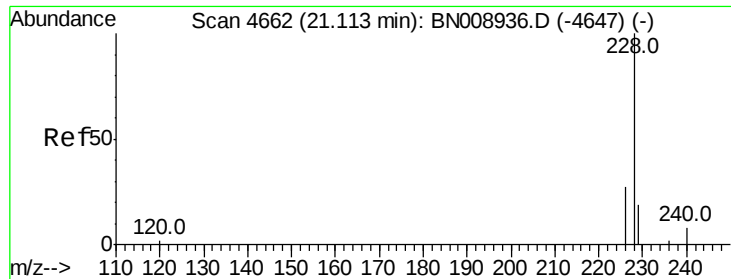


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.083 ng/ul

RT: 21.11 min Scan# 4662

Delta R.T. -0.01 min

Lab File: BN008949.D

Acq: 12 Dec 2019 17:16

Instrument :

BNA_N

ClientSampleId :

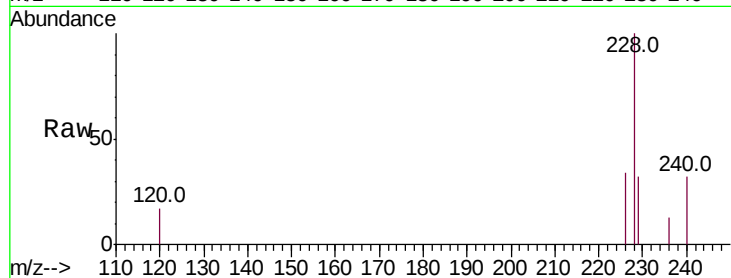
Tot Ion:228 Resp: 4942

Ion Ratio Lower Upper

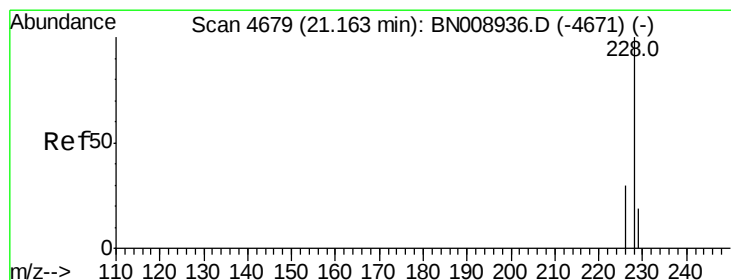
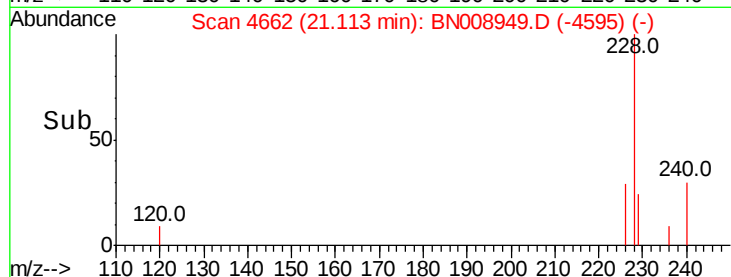
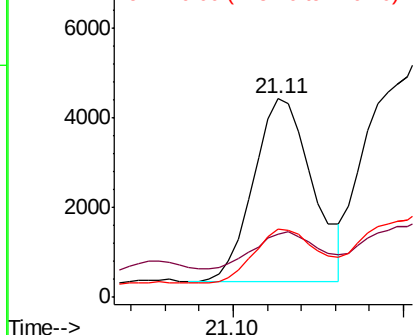
228 100

229 32.1 15.7 23.5#

226 34.2 21.5 32.3#



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: 0.266 ng/ul

RT: 21.17 min Scan# 4680

Delta R.T. -0.01 min

Lab File: BN008949.D

Acq: 12 Dec 2019 17:16

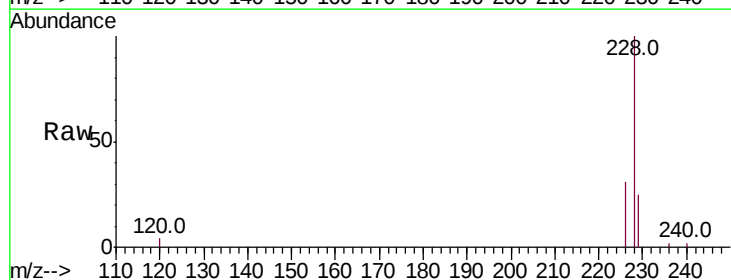
Tgt Ion:228 Resp: 15524

Ion Ratio Lower Upper

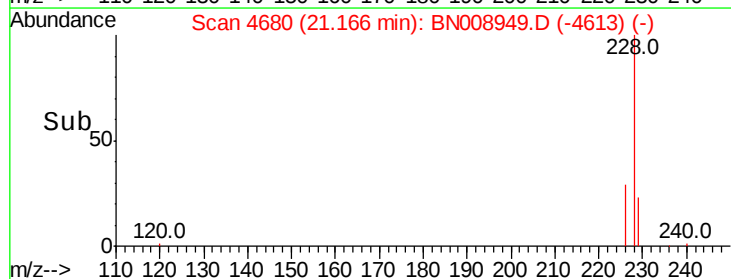
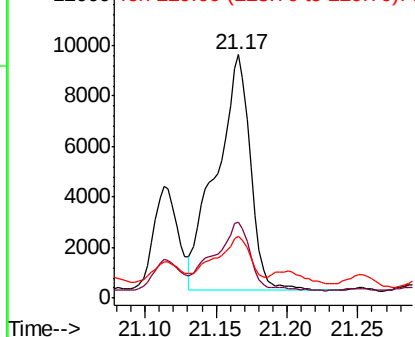
228 100

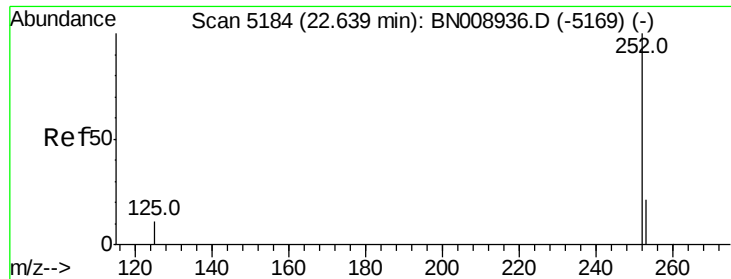
226 31.1 23.8 35.6

229 25.4 15.6 23.4#



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: 0.199 ng/uL

RT: 22.64 min Scan# 5185

Delta R.T. -0.01 min

Lab File: BN008949.D

Acq: 12 Dec 2019 17:16

Instrument :

BNA_N

ClientSampleId :

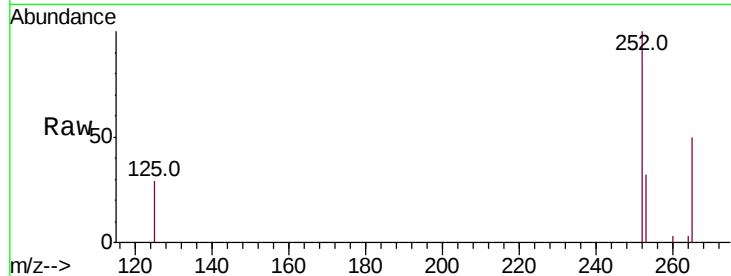
Tot Ion:252 Resp: 11966

Ion Ratio Lower Upper

252 100

253 31.8 0.0 48.6

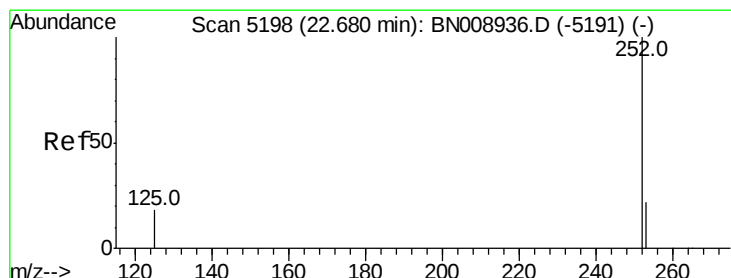
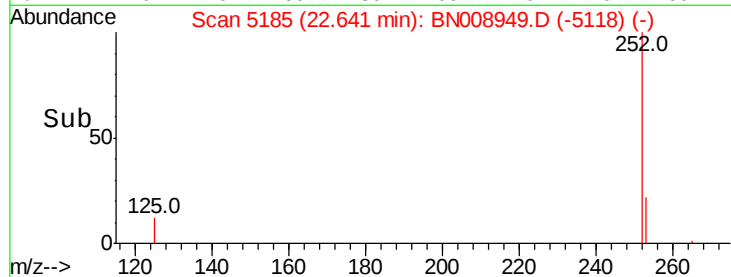
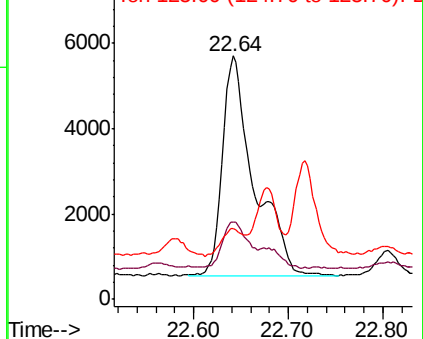
125 29.2 0.0 31.6



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



#22

Benzo(k)fluoranthene

Concen: 0.200 ng/uL

RT: 22.64 min Scan# 5185

Delta R.T. -0.05 min

Lab File: BN008949.D

Acq: 12 Dec 2019 17:16

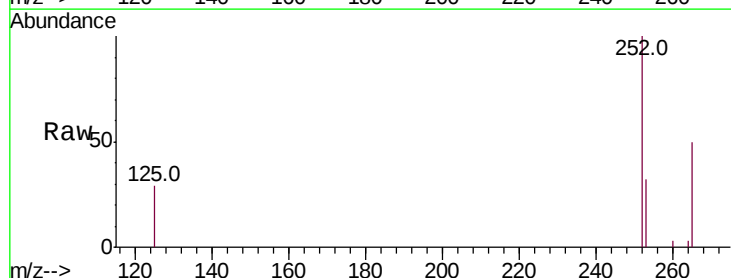
Tgt Ion:252 Resp: 11966

Ion Ratio Lower Upper

252 100

253 31.8 19.6 29.4#

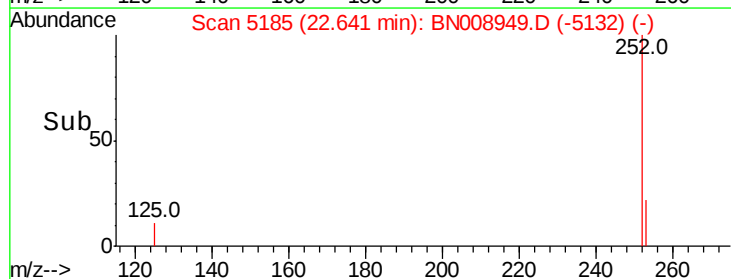
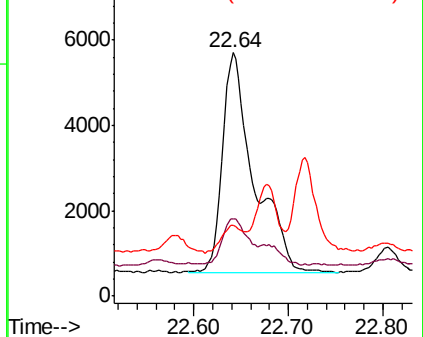
125 29.2 13.8 20.6#

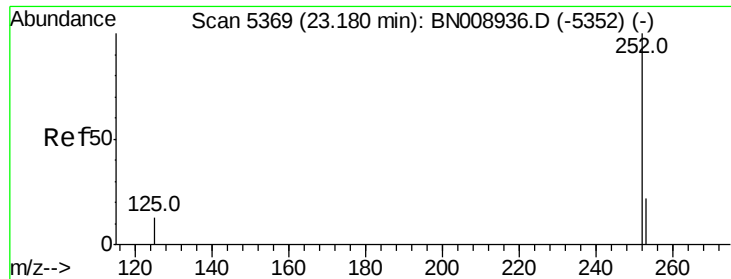


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.070 ng/u1

RT: 23.18 min Scan# 5370

Delta R.T. -0.01 min

Lab File: BN008949.D

Acq: 12 Dec 2019 17:16

Instrument :

BNA_N

ClientSampleId :

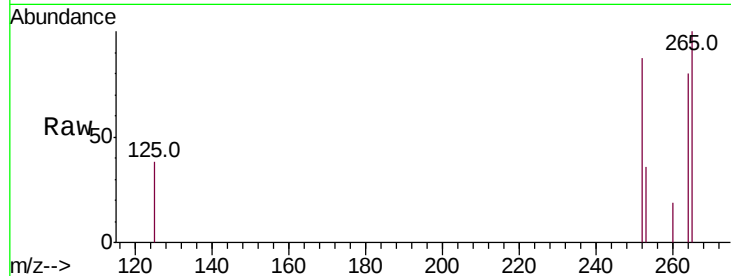
Tot Ion:252 Resp: 3962

Ion Ratio Lower Upper

252 100

253 41.4 19.9 29.9#

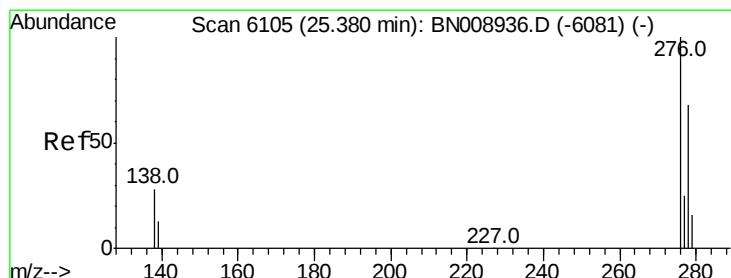
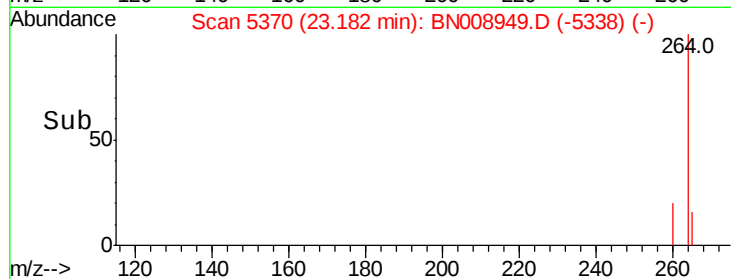
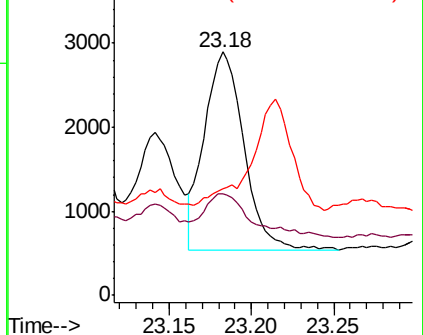
125 43.7 14.6 22.0#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.047 ng/u1

RT: 25.38 min Scan# 6105

Delta R.T. -0.01 min

Lab File: BN008949.D

Acq: 12 Dec 2019 17:16

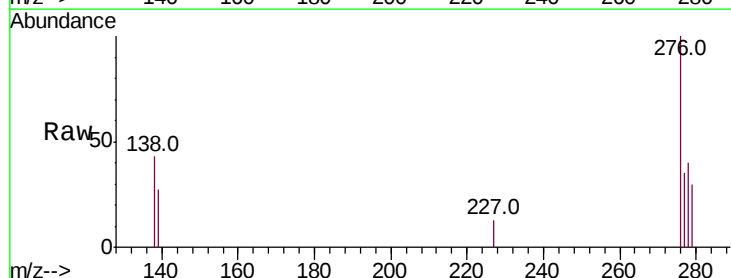
Tgt Ion:276 Resp: 3092

Ion Ratio Lower Upper

276 100

138 33.8 23.8 35.6

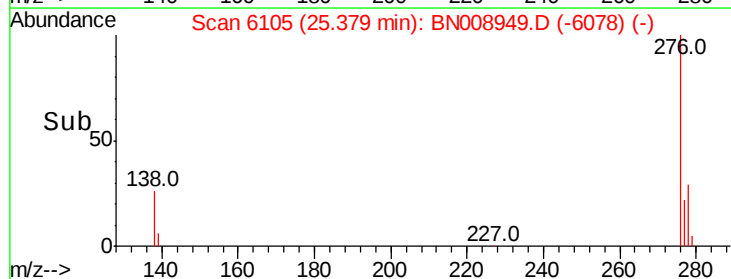
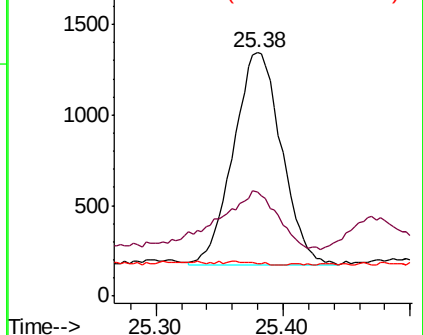
227 0.0 0.2 0.2#

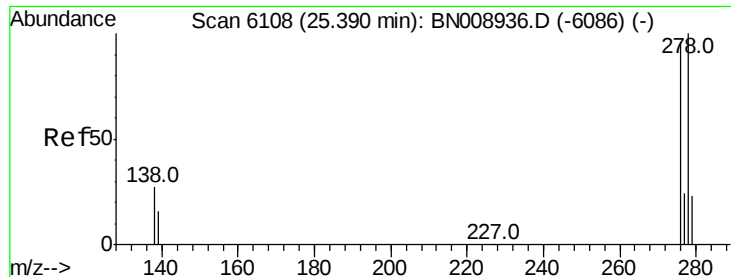


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

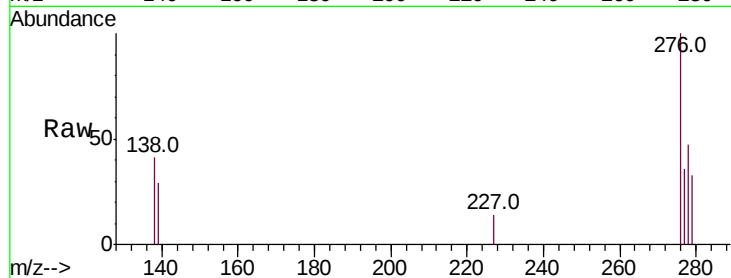




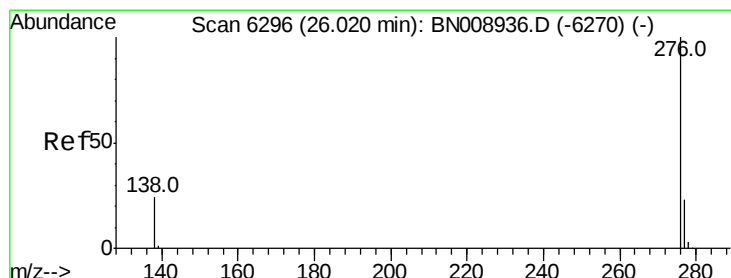
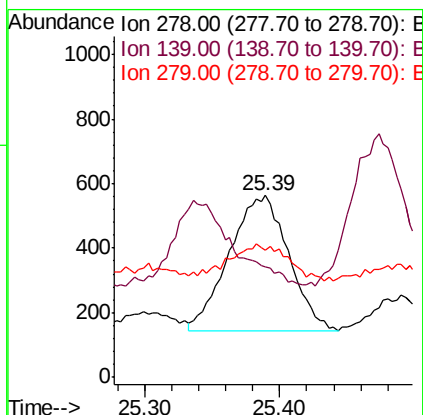
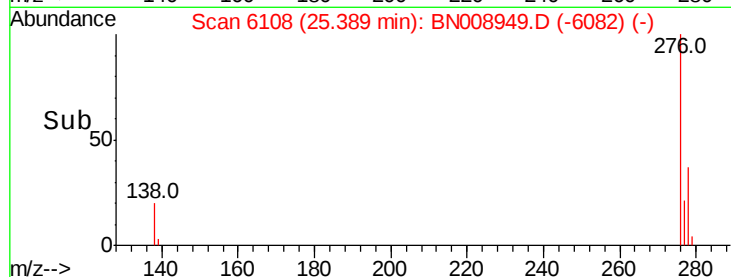
#25
Dibenzo(a,h)anthracene
Concen: 0.024 ng/u1
RT: 25.39 min Scan# 6108
Delta R.T. -0.01 min
Lab File: BN008949.D
Acq: 12 Dec 2019 17:16

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 1278
Ion Ratio Lower Upper
278 100
139 60.9 17.4 26.0#
279 69.8 20.5 30.7#

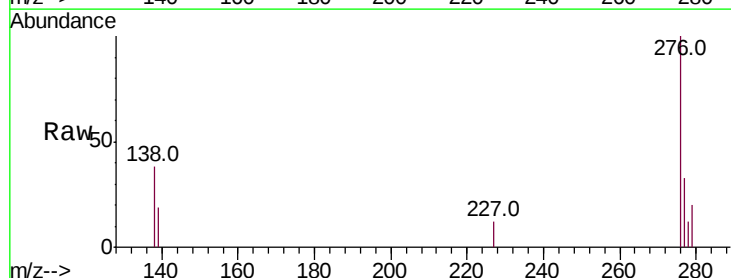


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.070 ng/u1
RT: 26.02 min Scan# 6295
Delta R.T. -0.01 min
Lab File: BN008949.D
Acq: 12 Dec 2019 17:16

Tgt Ion:276 Resp: 3852
Ion Ratio Lower Upper
276 100
138 38.1 21.9 32.9#
277 32.9 19.9 29.9#



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

