

Data File : BN008607.D
Acq On : 18 Nov 2019 17:07
Operator : JU
Sample : K5678-06RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLM73

Quant Time: Nov 19 01:50:52 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 : Tue Nov 19 01:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3063	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	10917	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	6308	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	12967	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	10484	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	11067	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	2998	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	6793	0.17	ng/ul	0.00

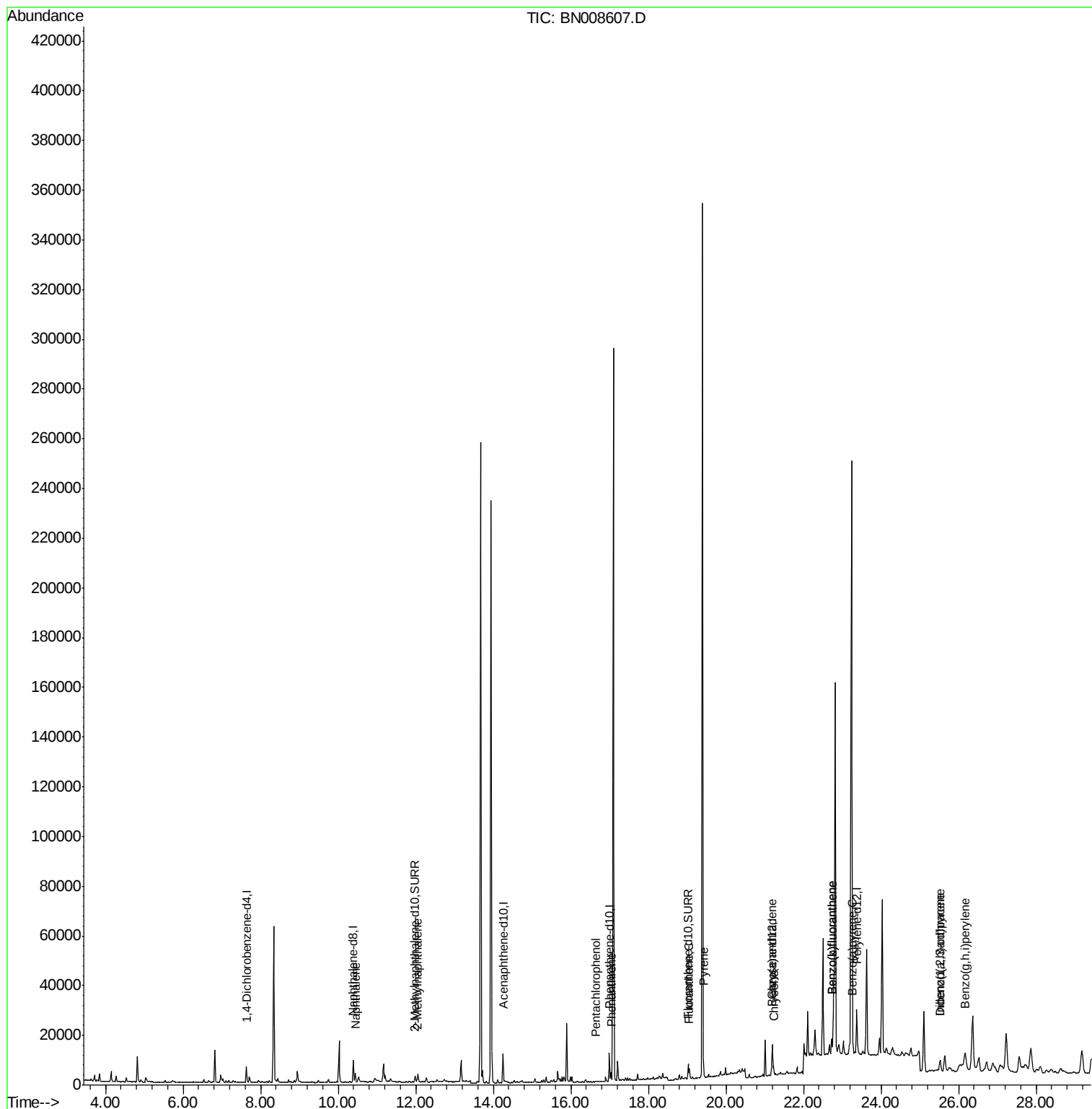
Target Compounds					Qvalue	
3) Naphthalene	10.44	128	4738	0.144	ng/ul	95
5) 2-Methylnaphthalene	12.06	142	2063	0.090	ng/ul	99
11) Pentachlorophenol	16.65	266	134	0.027	ng/ul	97
12) Phenanthrene	17.03	178	3838	0.088	ng/ul#	88
15) Fluoranthene	19.06	202	3659	0.068	ng/ul	81
17) Pyrene	19.42	202	4137	0.098	ng/ul#	84
18) Benzo(a)anthracene	21.18	228	2190	0.052	ng/ul#	57
19) Chrysene	21.23	228	4198	0.101	ng/ul#	68
21) Benzo(b)fluoranthene	22.73	252	7930	0.174	ng/ul#	1
22) Benzo(k)fluoranthene	22.73	252	7930	0.175	ng/ul#	1
23) Benzo(a)pyrene	23.28	252	3974	0.093	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.52	276	4070	0.081	ng/ul#	49
25) Dibenzo(a,h)anthracene	25.53	278	1203	0.030	ng/ul#	1
26) Benzo(g,h,i)perylene	26.18	276	3963	0.095	ng/ul#	1

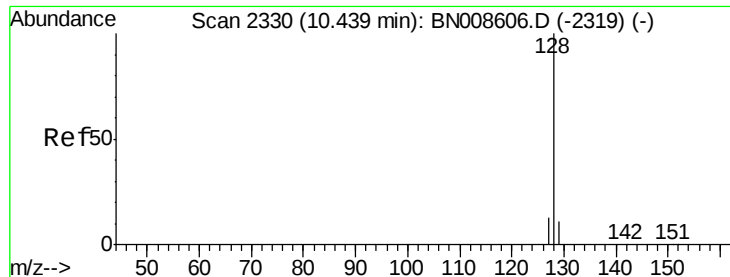
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.144 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BN008607.D

Acq: 18 Nov 2019 17:07

Instrument :

BNA_N

ClientSampleId :

JLM73

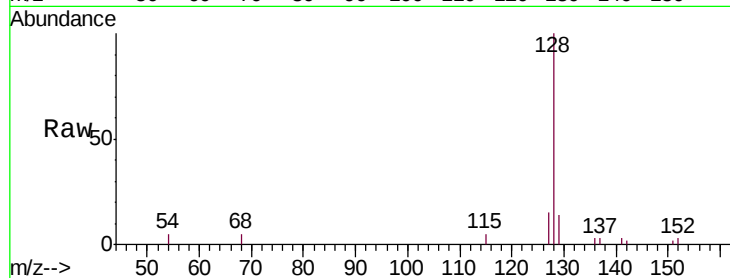
Tgt Ion:128 Resp: 4738

Ion Ratio Lower Upper

128 100

129 14.2 9.7 14.5

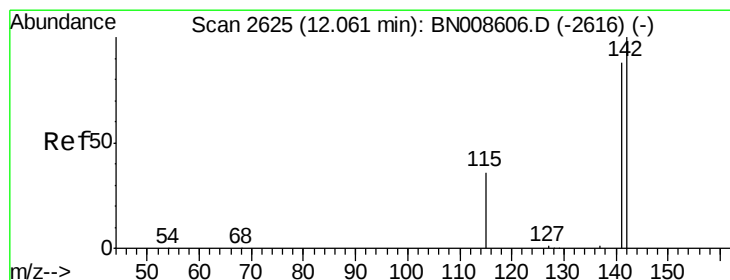
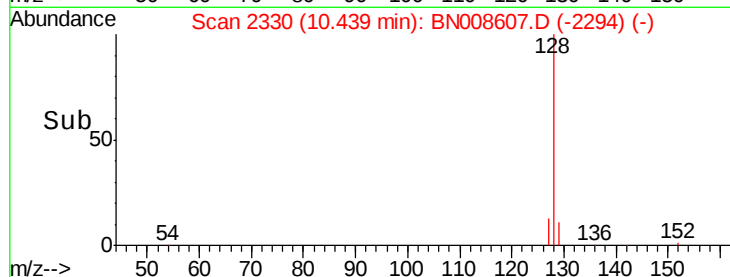
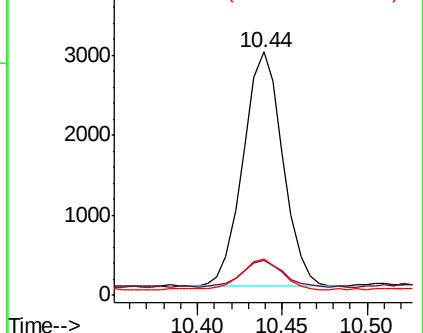
127 15.0 10.8 16.2



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



#5

2-Methylnaphthalene

Concen: 0.090 ng/ul

RT: 12.06 min Scan# 2624

Delta R.T. -0.01 min

Lab File: BN008607.D

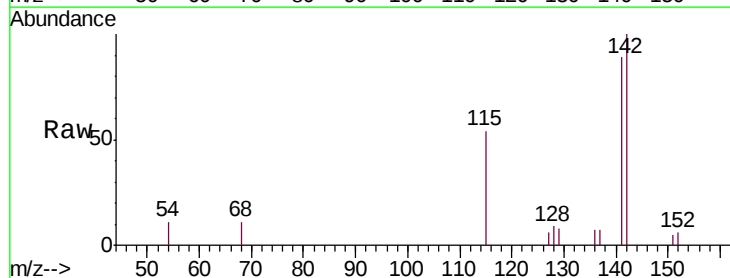
Acq: 18 Nov 2019 17:07

Tgt Ion:142 Resp: 2063

Ion Ratio Lower Upper

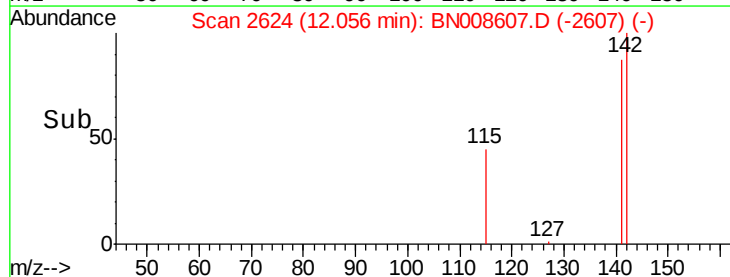
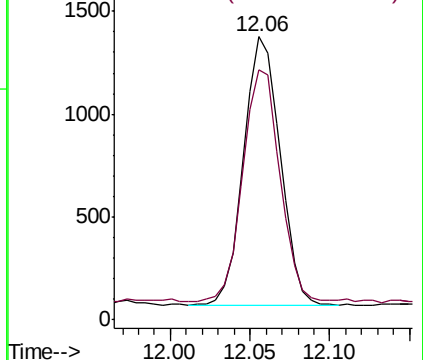
142 100

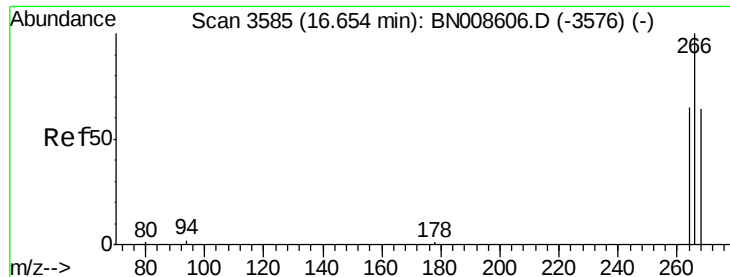
141 89.0 70.5 105.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

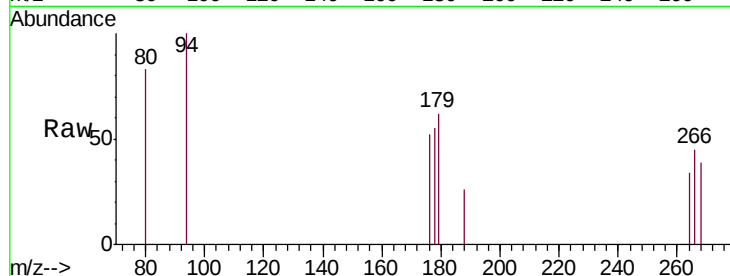




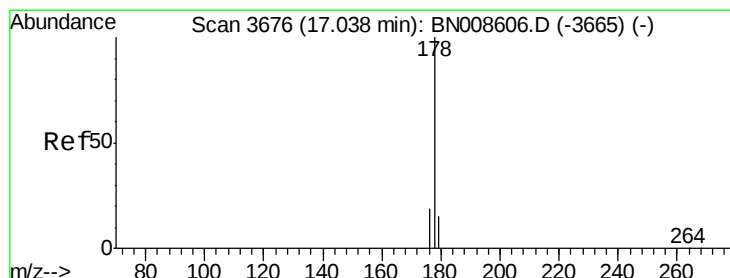
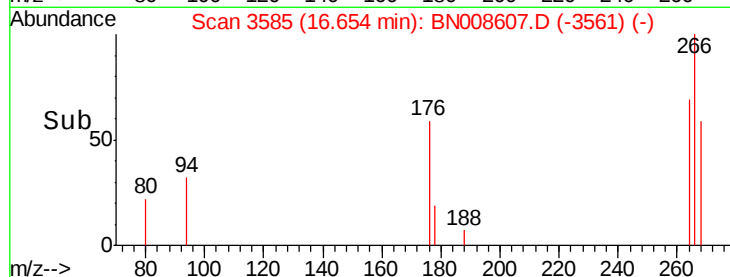
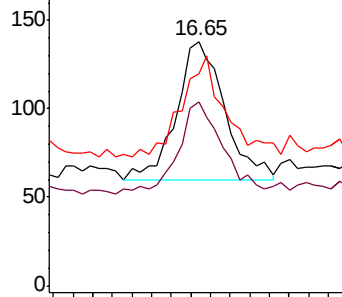
#11
 Pentachlorophenol
 Concen: 0.027 ng/ul
 RT: 16.65 min Scan# 3585
 Delta R.T. -0.00 min
 Lab File: BN008607.D
 Acq: 18 Nov 2019 17:07

Instrument :
 BNA_N
 ClientSampleId :
 JLM73

Tgt Ion: 266 Resp: 134
 Ion Ratio Lower Upper
 266 100
 264 64.2 49.2 73.8
 268 65.7 50.9 76.3

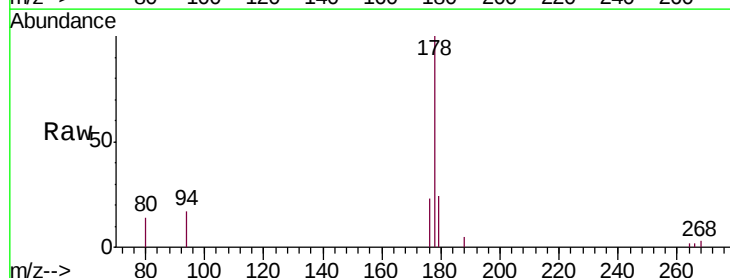


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

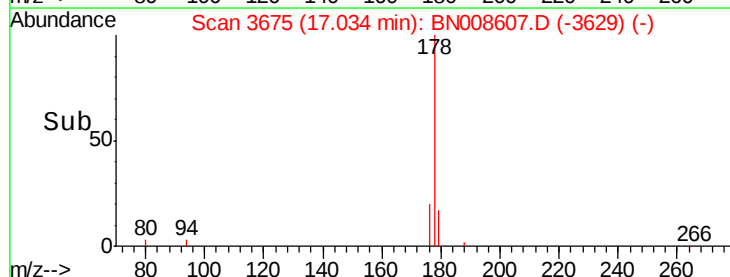
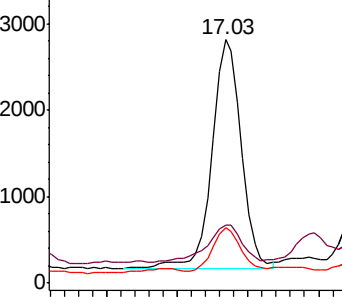


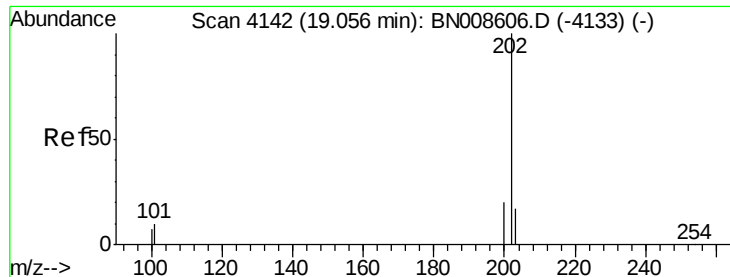
#12
 Phenanthrene
 Concen: 0.088 ng/ul
 RT: 17.03 min Scan# 3675
 Delta R.T. -0.00 min
 Lab File: BN008607.D
 Acq: 18 Nov 2019 17:07

Tgt Ion: 178 Resp: 3838
 Ion Ratio Lower Upper
 178 100
 179 23.9 12.8 19.2#
 176 22.7 16.0 24.0



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: 0.068 ng/ul

RT: 19.06 min Scan# 4142

Delta R.T. -0.00 min

Lab File: BN008607.D

Acq: 18 Nov 2019 17:07

Instrument :

BNA_N

ClientSampleId :

JLM73

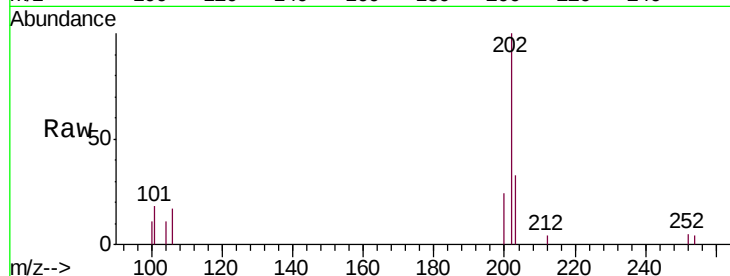
Tgt Ion:202 Resp: 3659

Ion Ratio Lower Upper

202 100

101 18.3 0.0 29.6

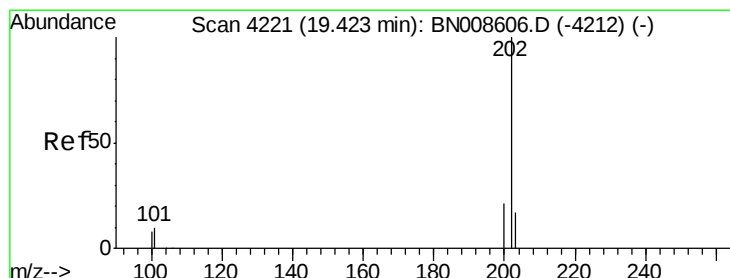
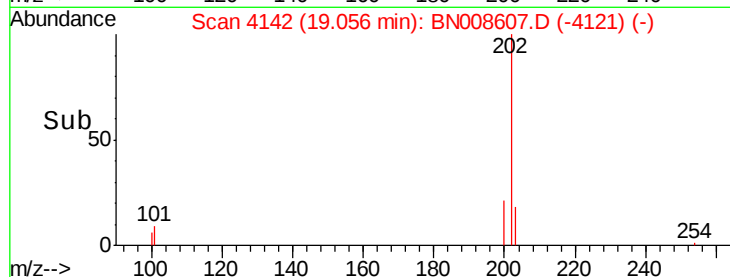
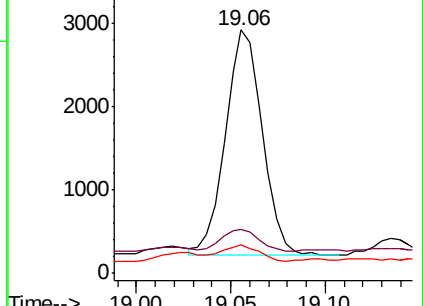
100 11.5 0.0 27.0



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



#17

Pyrene

Concen: 0.098 ng/ul

RT: 19.42 min Scan# 4221

Delta R.T. -0.00 min

Lab File: BN008607.D

Acq: 18 Nov 2019 17:07

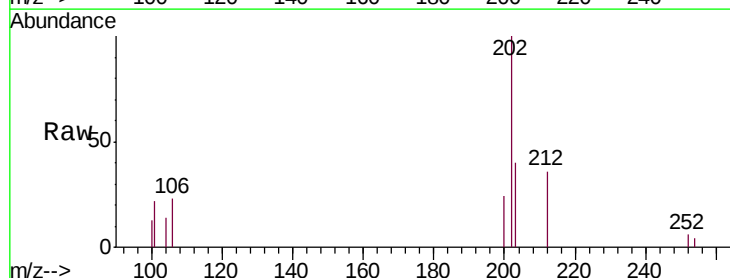
Tgt Ion:202 Resp: 4137

Ion Ratio Lower Upper

202 100

101 21.6 10.2 15.2#

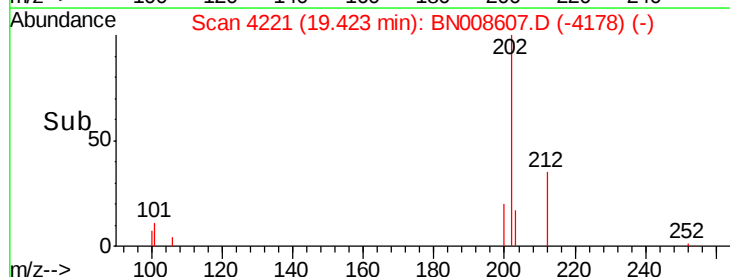
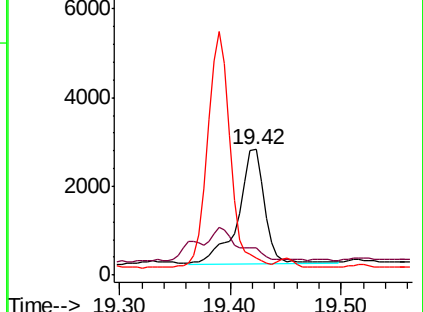
100 13.3 8.2 12.2#

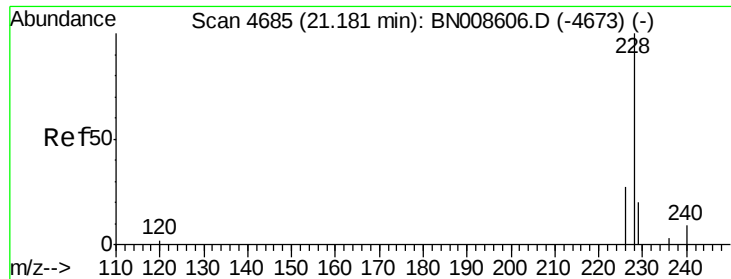


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.052 ng/ul

RT: 21.18 min Scan# 4684

Delta R.T. -0.00 min

Lab File: BN008607.D

Acq: 18 Nov 2019 17:07

Instrument :

BNA_N

ClientSampleId :

JLM73

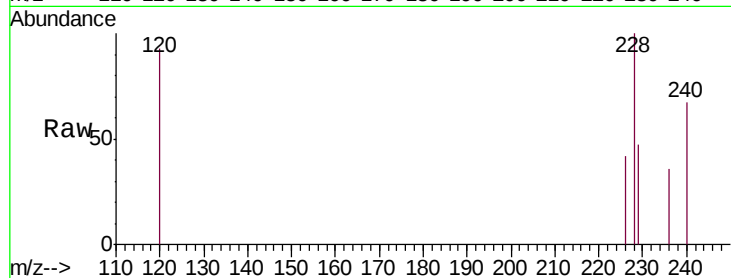
Tgt Ion:228 Resp: 2190

Ion Ratio Lower Upper

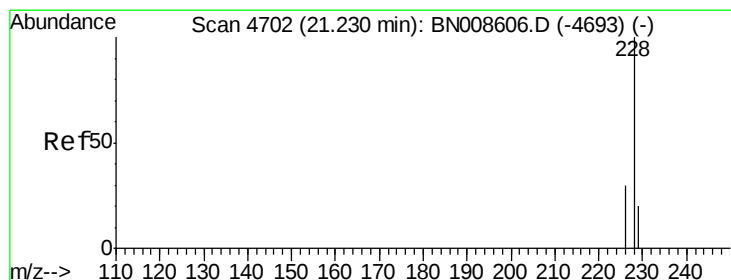
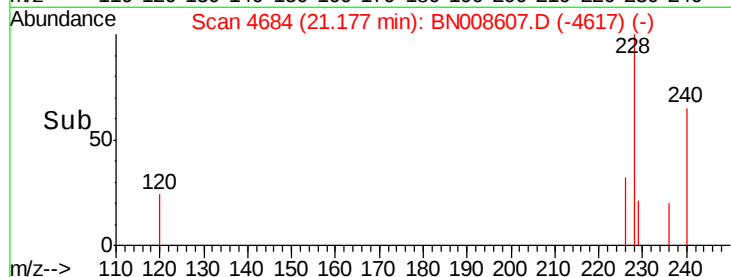
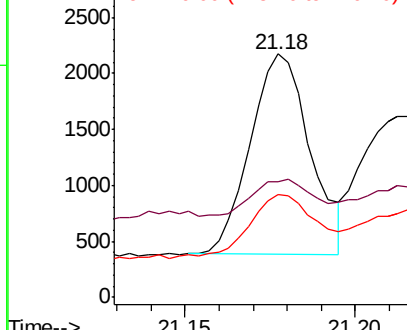
228 100

229 47.4 15.8 23.6#

226 42.3 21.6 32.4#



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: 0.101 ng/ul

RT: 21.23 min Scan# 4702

Delta R.T. -0.00 min

Lab File: BN008607.D

Acq: 18 Nov 2019 17:07

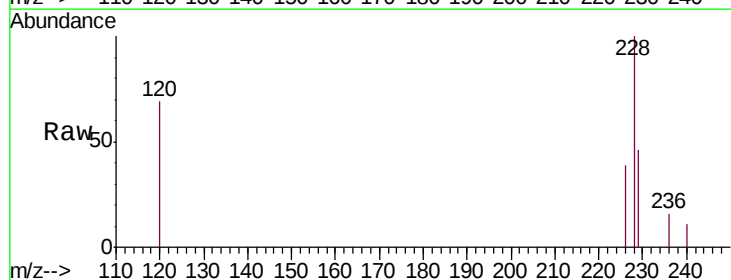
Tgt Ion:228 Resp: 4198

Ion Ratio Lower Upper

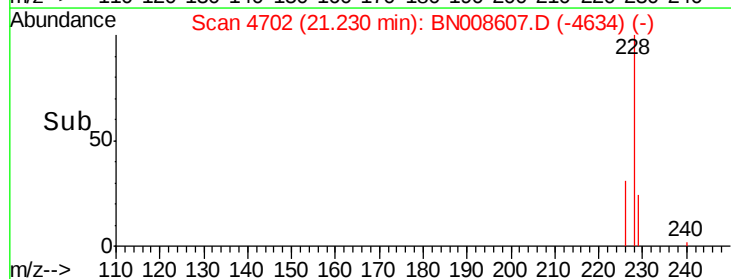
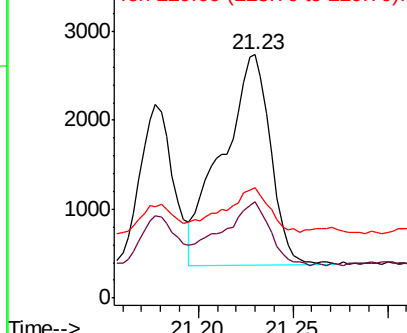
228 100

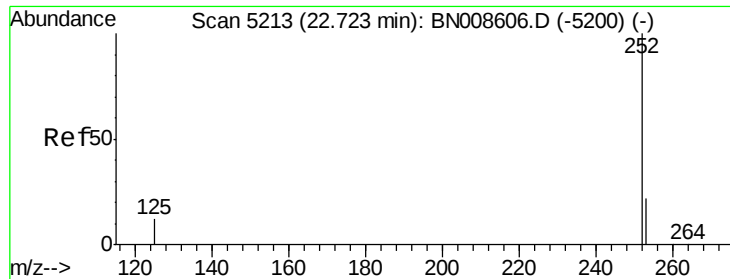
226 39.4 24.5 36.7#

229 45.5 15.5 23.3#



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: 0.174 ng/u1

RT: 22.73 min Scan# 5214

Delta R.T. 0.00 min

Lab File: BN008607.D

Acq: 18 Nov 2019 17:07

Instrument :

BNA_N

ClientSampleId :

JLM73

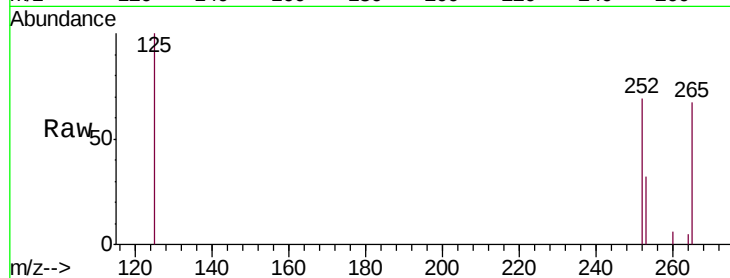
Tgt Ion:252 Resp: 7930

Ion Ratio Lower Upper

252 100

253 46.8 0.0 50.2

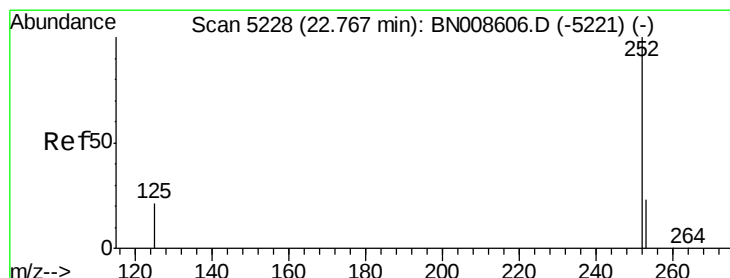
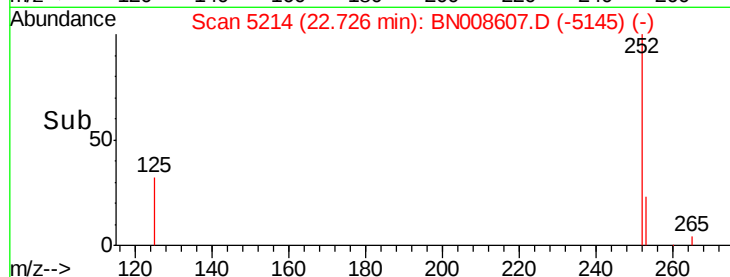
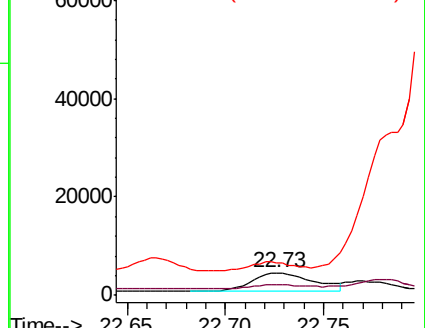
125 144.4 0.0 30.0#



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: 0.175 ng/u1

RT: 22.73 min Scan# 5214

Delta R.T. -0.04 min

Lab File: BN008607.D

Acq: 18 Nov 2019 17:07

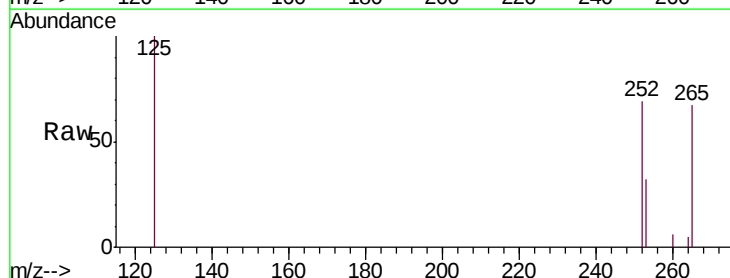
Tgt Ion:252 Resp: 7930

Ion Ratio Lower Upper

252 100

253 46.8 20.5 30.7#

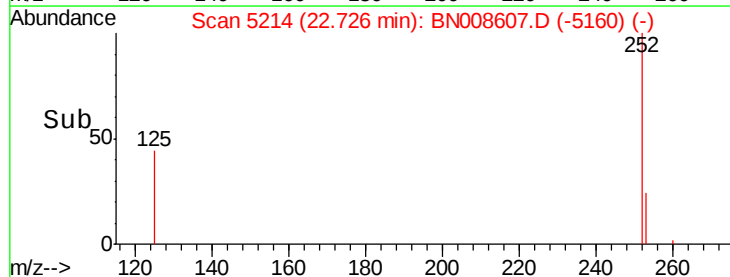
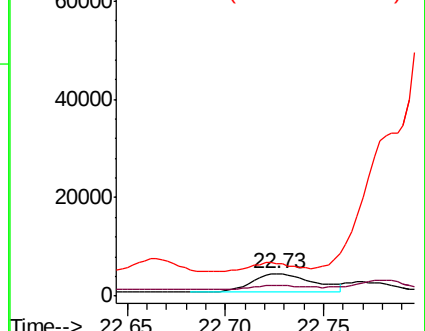
125 144.4 15.0 22.4#

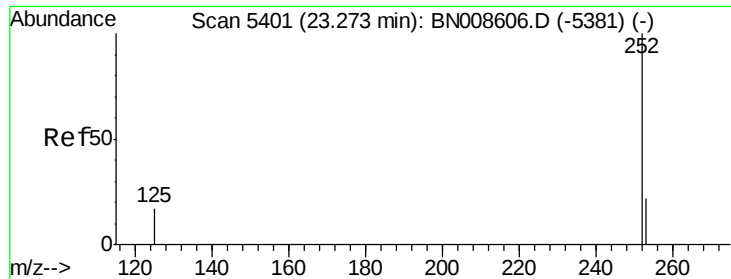


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.093 ng/u1

RT: 23.28 min Scan# 5403

Delta R.T. 0.01 min

Lab File: BN008607.D

Acq: 18 Nov 2019 17:07

Instrument :

BNA_N

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JLM73

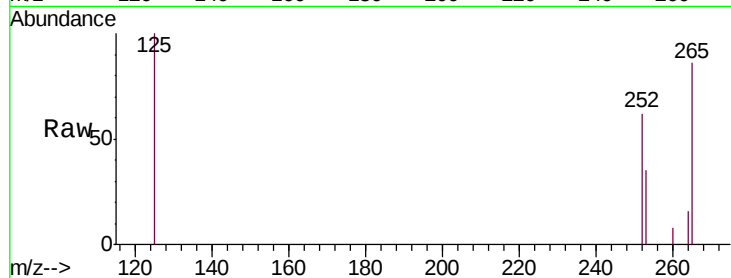
Tgt Ion:252 Resp: 3974

Ion Ratio Lower Upper

252 100

253 55.4 21.4 32.2#

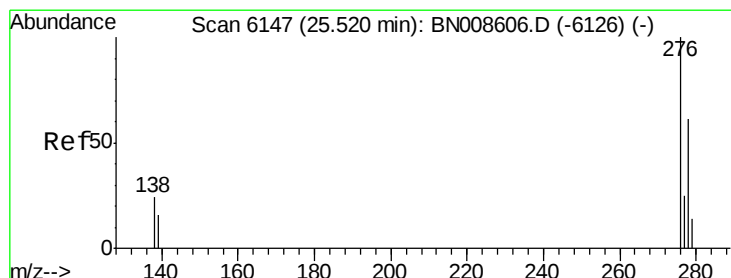
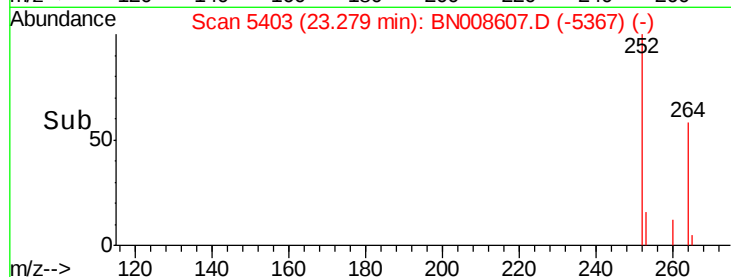
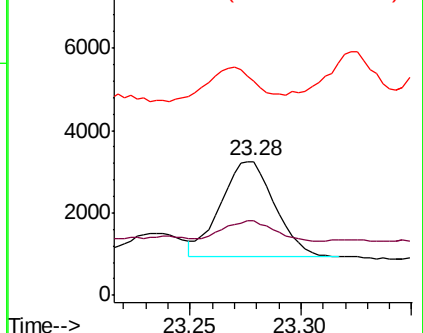
125 160.2 13.8 20.8#



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: 0.081 ng/u1

RT: 25.52 min Scan# 6147

Delta R.T. -0.00 min

Lab File: BN008607.D

Acq: 18 Nov 2019 17:07

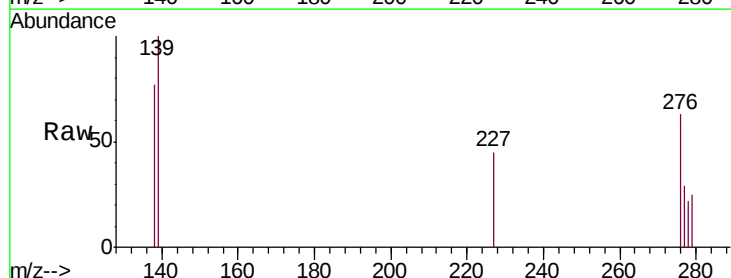
Tgt Ion:276 Resp: 4070

Ion Ratio Lower Upper

276 100

138 53.6 21.7 32.5#

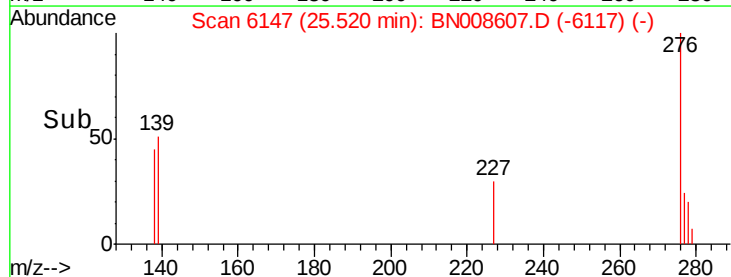
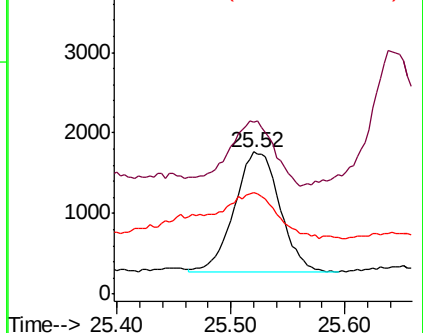
227 39.6 0.2 0.2#

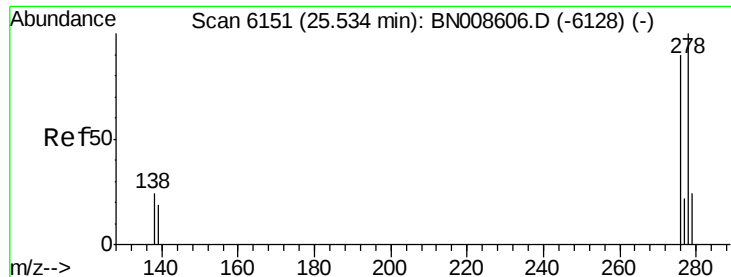


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

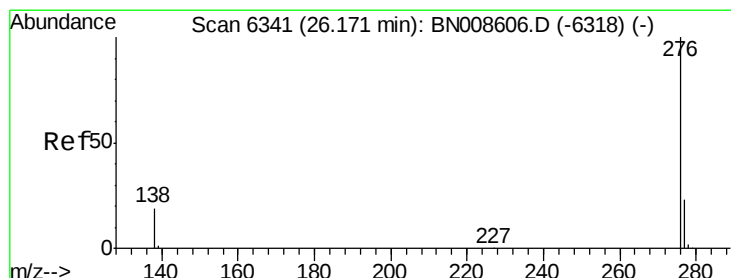
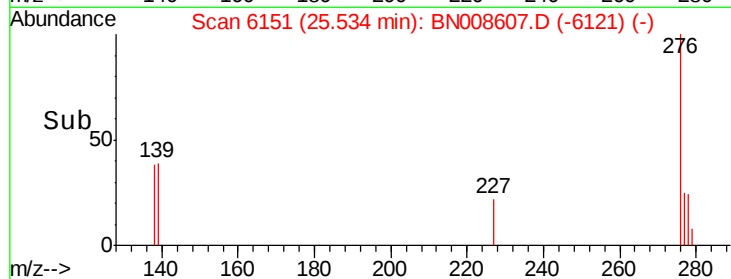
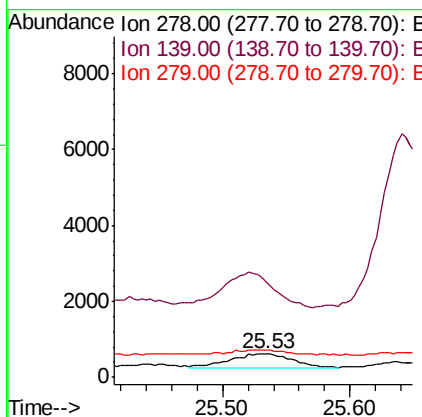
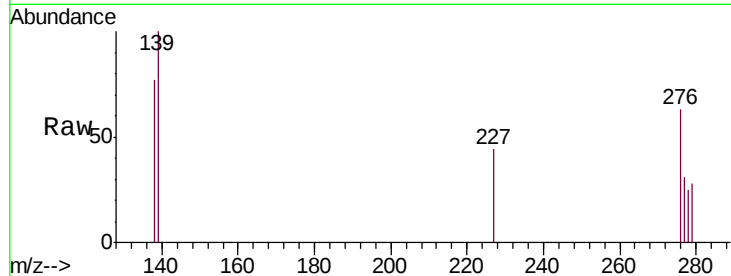




#25
Dibenzo(a,h)anthracene
Concen: 0.030 ng/u1
RT: 25.53 min Scan# 6151
Delta R.T. -0.00 min
Lab File: BN008607.D
Acq: 18 Nov 2019 17:07

Instrument :
BNA_N
ClientSampleId :
JLM73

Tgt Ion:278 Resp: 1203
Ion Ratio Lower Upper
278 100
139 400.5 18.7 28.1#
279 112.7 20.8 31.2#



#26
Benzo(g,h,i)perylene
Concen: 0.095 ng/u1
RT: 26.18 min Scan# 6344
Delta R.T. 0.01 min
Lab File: BN008607.D
Acq: 18 Nov 2019 17:07

Tgt Ion:276 Resp: 3963
Ion Ratio Lower Upper
276 100
138 362.7 20.0 30.0#
277 45.4 20.0 30.0#

