

Data File : BN008619.D
Acq On : 19 Nov 2019 00:20
Operator : JU
Sample : K5678-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLMK4

Quant Time: Nov 19 01:52:56 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	3370	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	12230	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	7135	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.00
16) Chrysene-d12	21.20	240	11419	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	11808	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	4467	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	9880	0.00	ng/ul	0.00

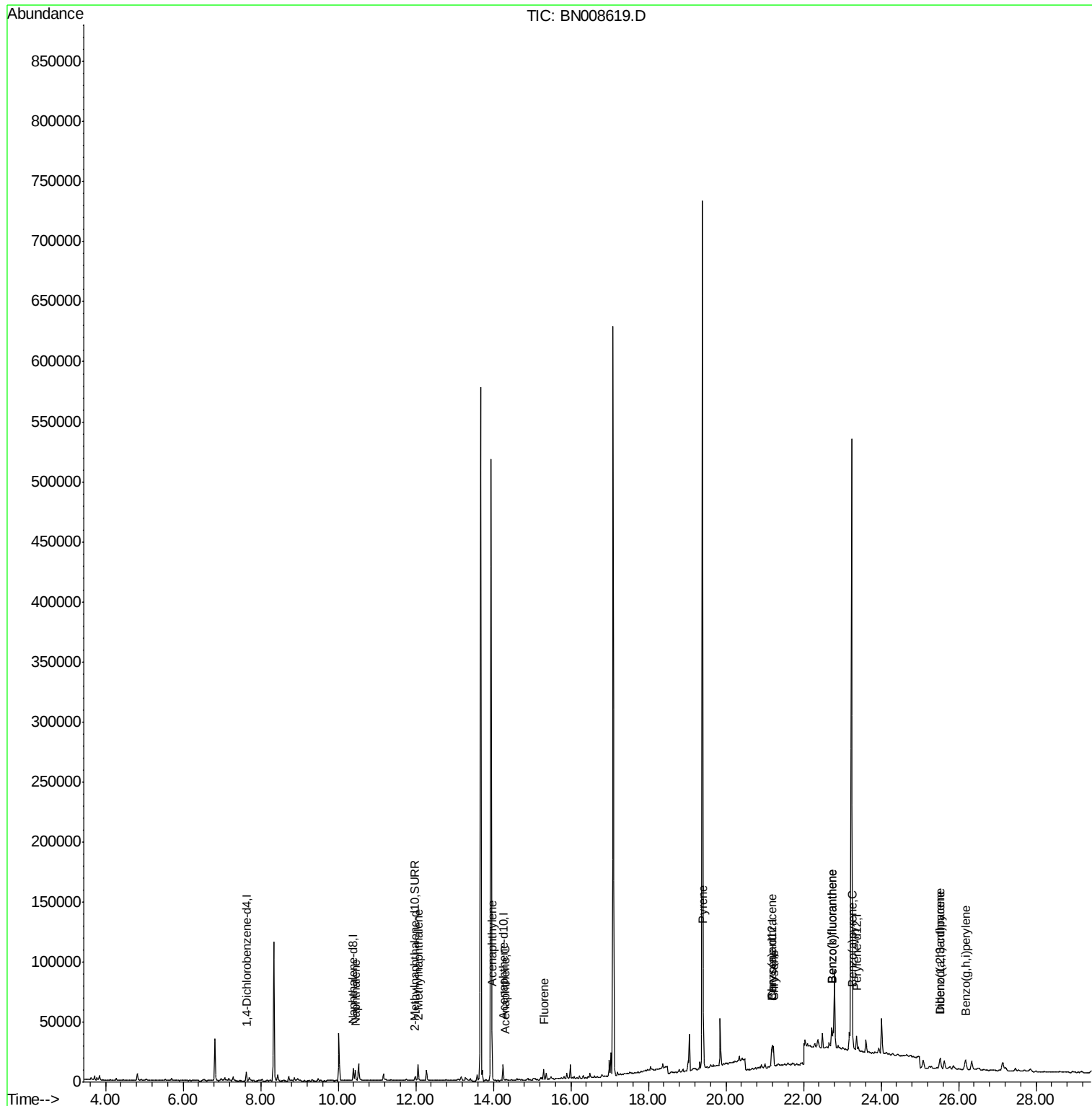
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	11728	0.318	ng/ul	99
5) 2-Methylnaphthalene	12.06	142	9304	0.361	ng/ul	100
7) Acenaphthylene	13.97	152	3498	0.089	ng/ul#	82
8) Acenaphthene	14.32	153	1075	0.037	ng/ul	93
9) Fluorene	15.31	166	1685	0.049	ng/ul#	56
17) Pyrene	19.42	202	29265	0.639	ng/ul	99
18) Benzo(a)anthracene	21.18	228	10506	0.229	ng/ul#	58
19) Chrysene	21.23	228	20997	0.466	ng/ul#	73
21) Benzo(b)fluoranthene	22.73	252	29833	0.613	ng/ul#	1
22) Benzo(k)fluoranthene	22.73	252	29833	0.618	ng/ul#	1
23) Benzo(a)pyrene	23.28	252	12968	0.284	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.52	276	11811	0.221	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.53	278	3368	0.078	ng/ul#	1
26) Benzo(g,h,i)perylene	26.18	276	15288	0.342	ng/ul#	56

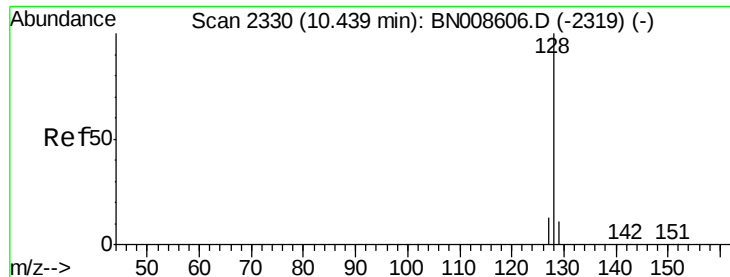
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.318 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BN008619.D

Acq: 19 Nov 2019 00:20

Instrument :

BNA_N

ClientSampleId :

JLMK4

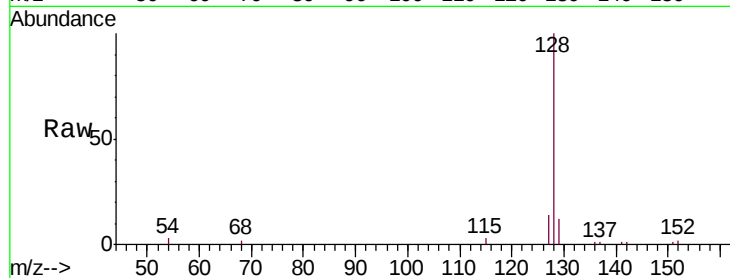
Tgt Ion:128 Resp: 11728

Ion Ratio Lower Upper

128 100

129 12.5 9.7 14.5

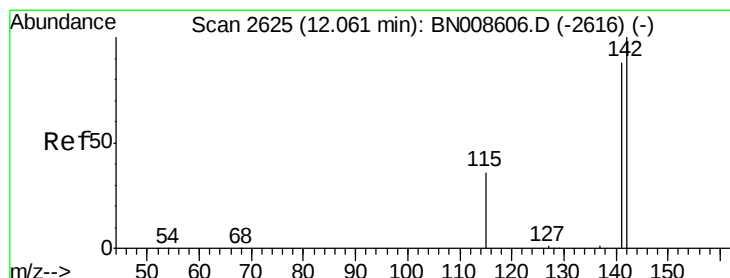
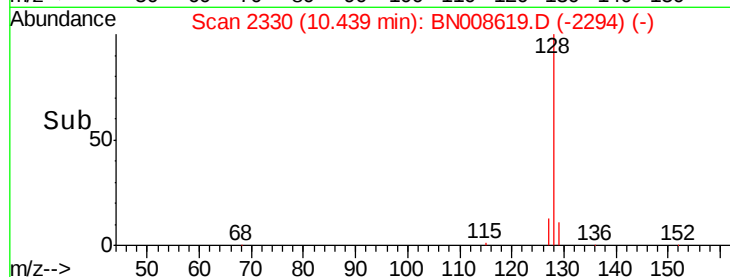
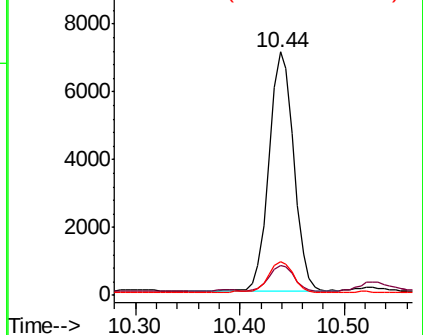
127 14.0 10.8 16.2



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: 0.361 ng/ul

RT: 12.06 min Scan# 2625

Delta R.T. -0.00 min

Lab File: BN008619.D

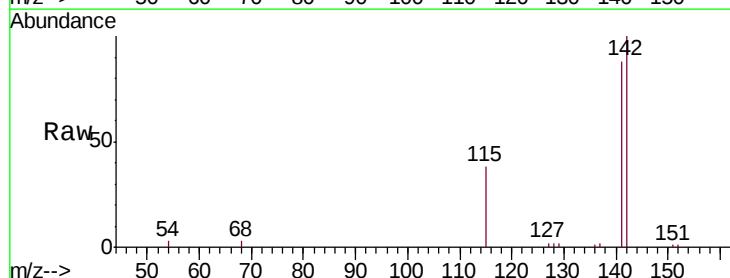
Acq: 19 Nov 2019 00:20

Tgt Ion:142 Resp: 9304

Ion Ratio Lower Upper

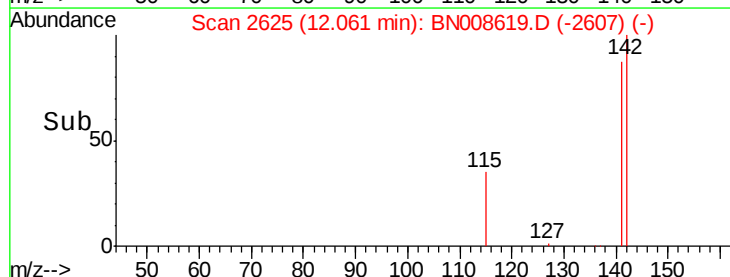
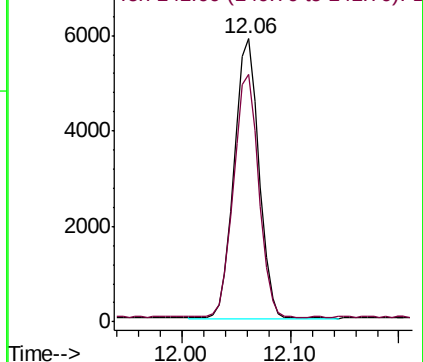
142 100

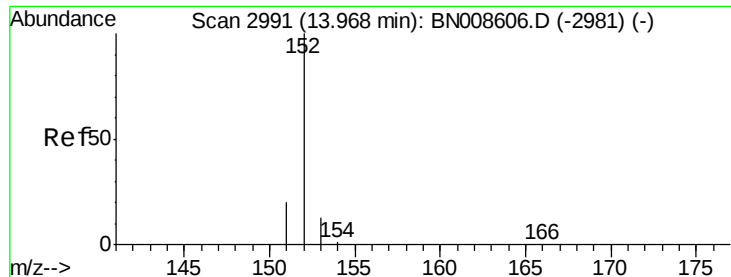
141 87.8 70.5 105.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.089 ng/ul

RT: 13.97 min Scan# 2992

Delta R.T. 0.00 min

Lab File: BN008619.D

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Instrument :

BNA_N

ClientSampleId :

JLMK4

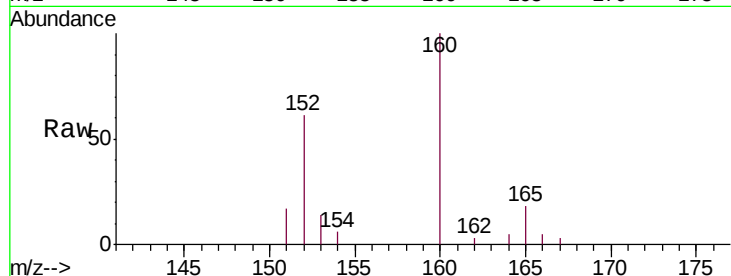
Tgt Ion:152 Resp: 3498

Ion Ratio Lower Upper

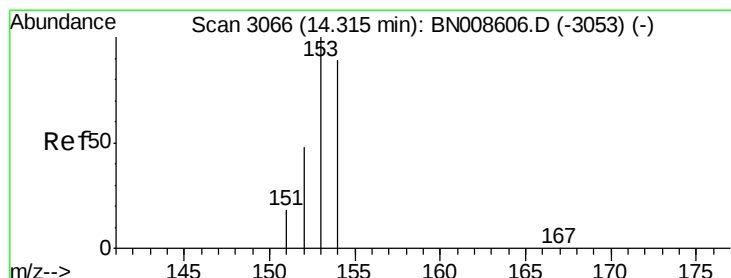
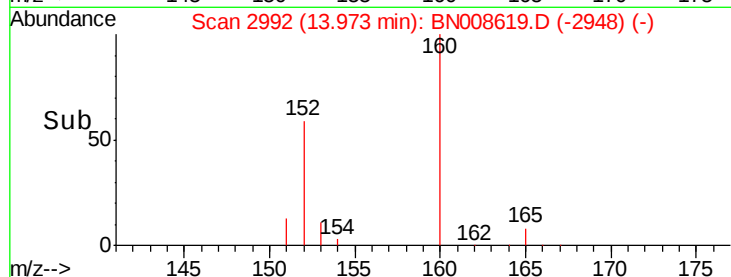
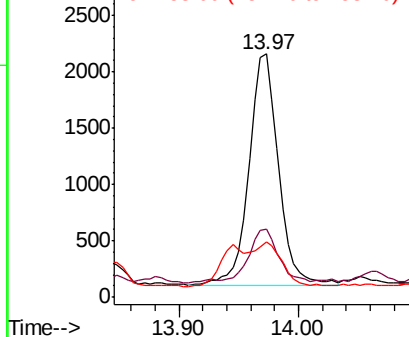
152 100

151 28.1 16.6 24.8#

153 22.7 11.1 16.7#



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: 0.037 ng/ul

RT: 14.32 min Scan# 3066

Delta R.T. -0.00 min

Lab File: BN008619.D

Acq: 19 Nov 2019 00:20

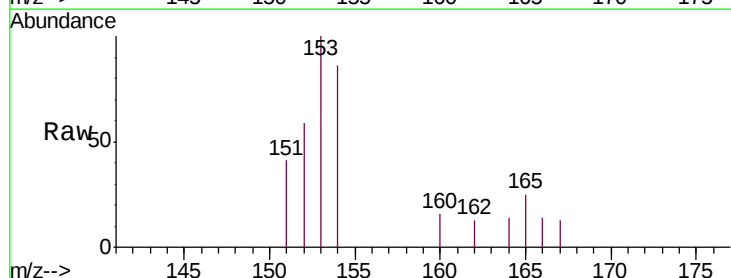
Tgt Ion:153 Resp: 1075

Ion Ratio Lower Upper

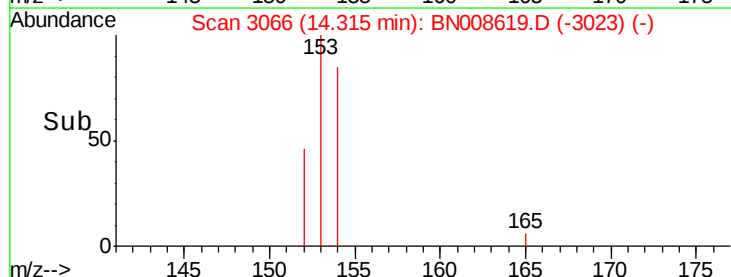
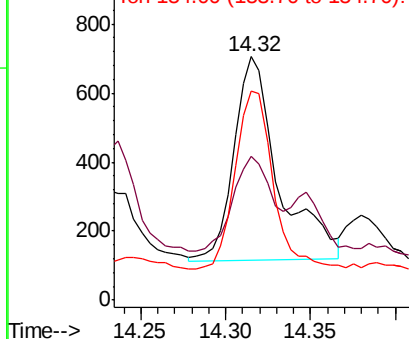
153 100

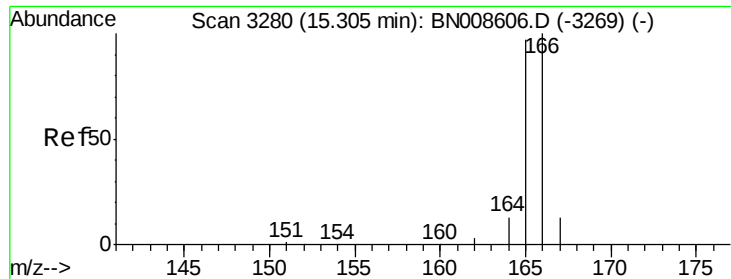
152 59.2 39.6 59.4

154 86.0 70.6 106.0



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: 0.049 ng/ul

RT: 15.31 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BN008619.D

Acq: 19 Nov 2019 00:20

Instrument :

BNA_N

ClientSampleId :

JLMK4

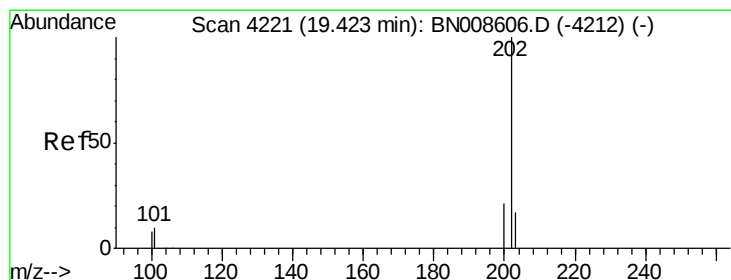
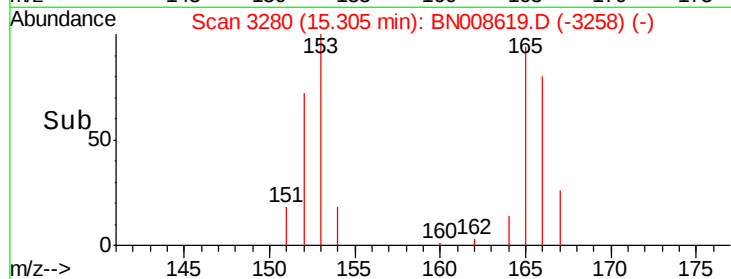
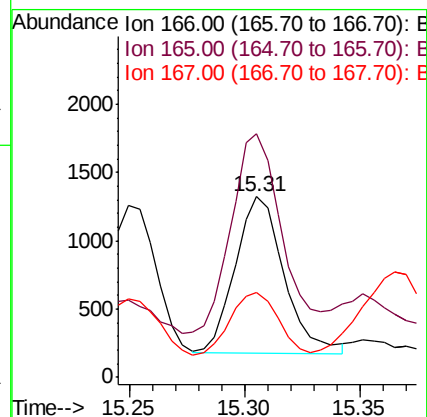
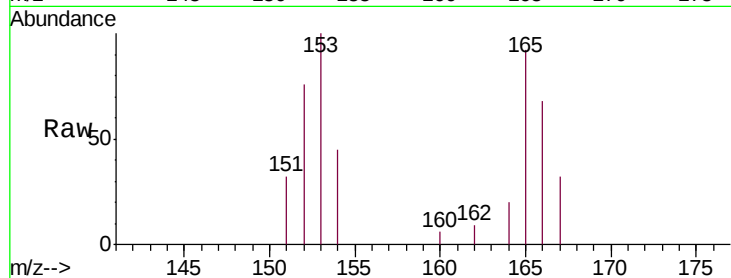
Tgt Ion:166 Resp: 1685

Ion Ratio Lower Upper

166 100

165 134.9 77.4 116.0#

167 47.3 11.4 17.0#



#17

Pyrene

Concen: 0.639 ng/ul

RT: 19.42 min Scan# 4221

Delta R.T. -0.00 min

Lab File: BN008619.D

Acq: 19 Nov 2019 00:20

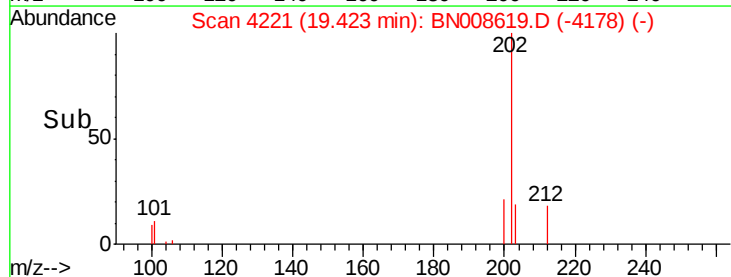
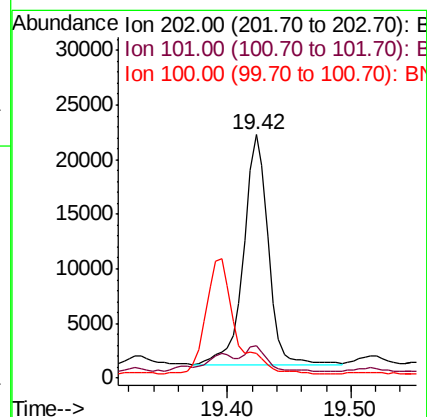
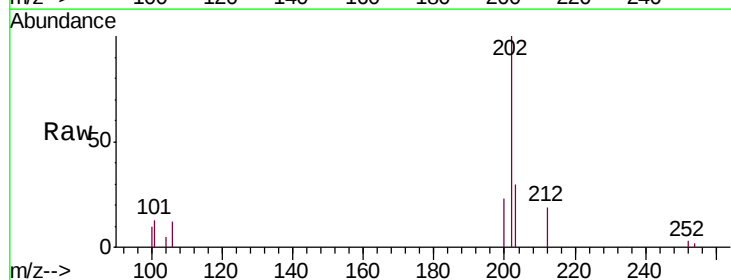
Tgt Ion:202 Resp: 29265

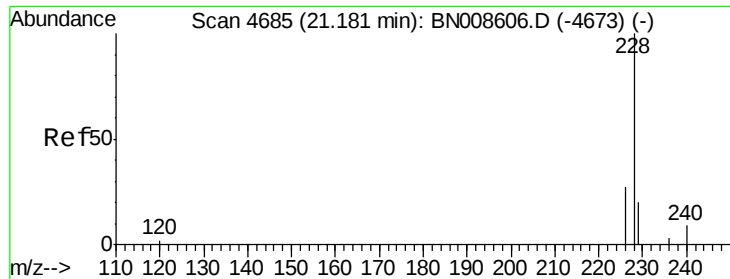
Ion Ratio Lower Upper

202 100

101 13.2 10.2 15.2

100 10.3 8.2 12.2





#18

Benzo(a)anthracene

Concen: 0.229 ng/ul

RT: 21.18 min Scan# 4684

Delta R.T. -0.00 min

Lab File: BN008619.D

Acq: 19 Nov 2019 00:20

Instrument :

BNA_N

ClientSampleId :

JLMK4

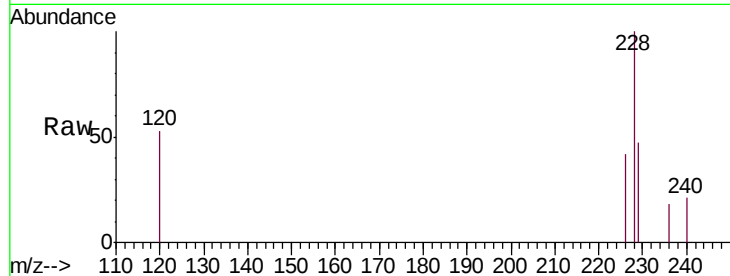
Tgt Ion:228 Resp: 10506

Ion Ratio Lower Upper

228 100

229 47.1 15.8 23.6#

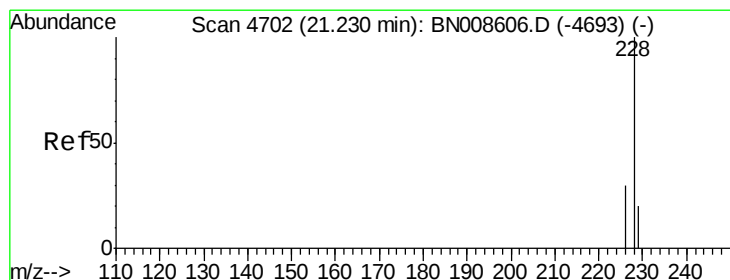
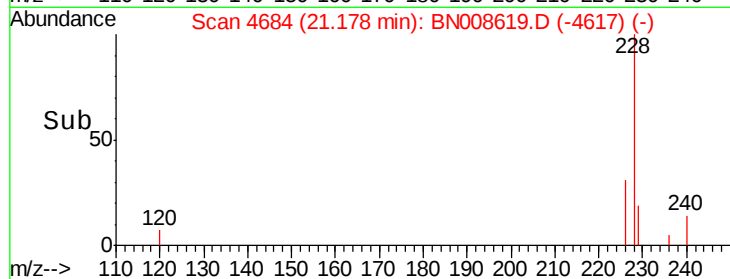
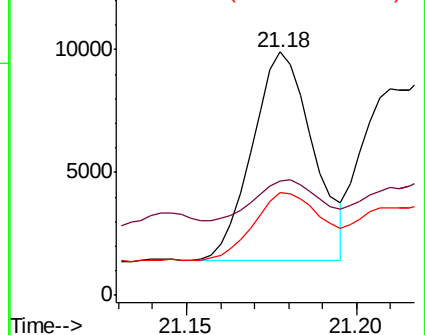
226 42.0 21.6 32.4#



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: 0.466 ng/ul

RT: 21.23 min Scan# 4702

Delta R.T. -0.00 min

Lab File: BN008619.D

Acq: 19 Nov 2019 00:20

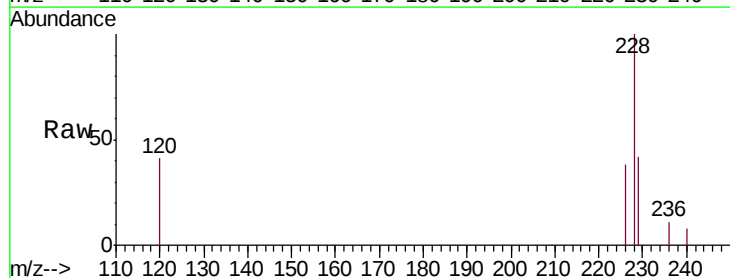
Tgt Ion:228 Resp: 20997

Ion Ratio Lower Upper

228 100

226 37.7 24.5 36.7#

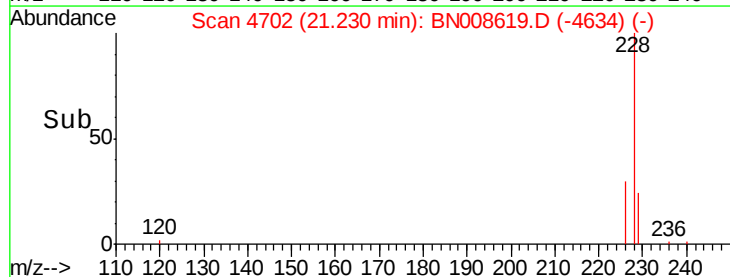
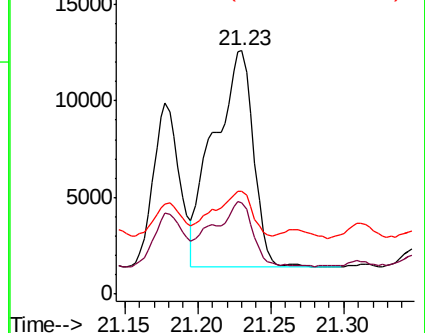
229 42.2 15.5 23.3#

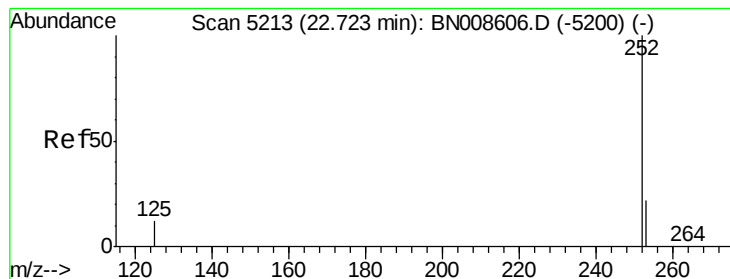


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.613 ng/ul

RT: 22.73 min Scan# 5215

Delta R.T. 0.01 min

Lab File: BN008619.D

Acq: 19 Nov 2019 00:20

Instrument :

BNA_N

ClientSampleId :

JLMK4

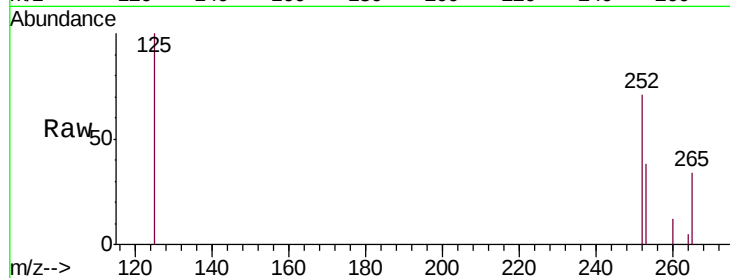
Tgt Ion:252 Resp: 29833

Ion Ratio Lower Upper

252 100

253 53.8 0.0 50.2#

125 140.8 0.0 30.0#

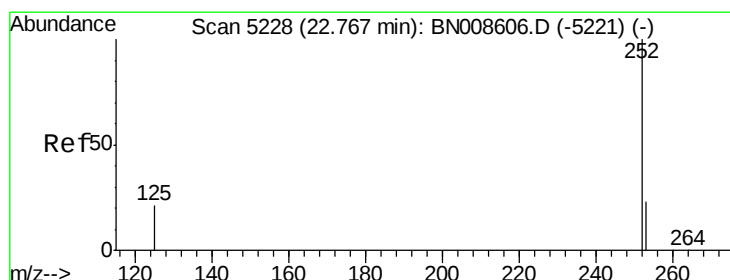
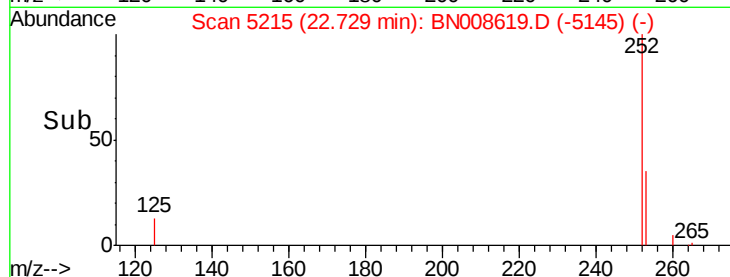
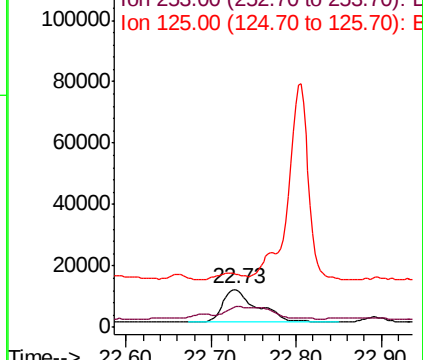


Abundance

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: 0.618 ng/ul

RT: 22.73 min Scan# 5215

Delta R.T. -0.04 min

Lab File: BN008619.D

Acq: 19 Nov 2019 00:20

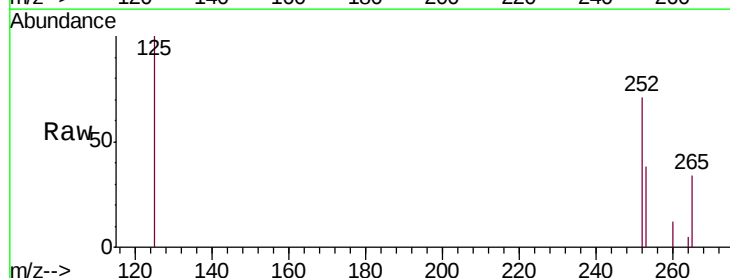
Tgt Ion:252 Resp: 29833

Ion Ratio Lower Upper

252 100

253 53.8 20.5 30.7#

125 140.8 15.0 22.4#

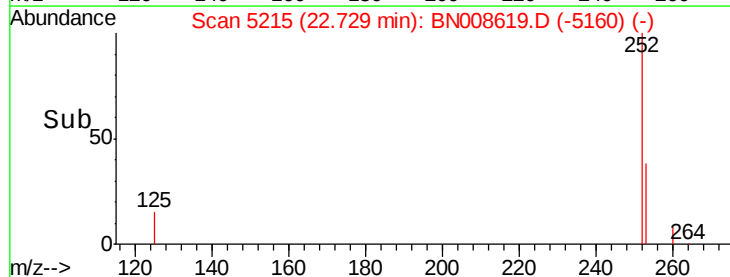
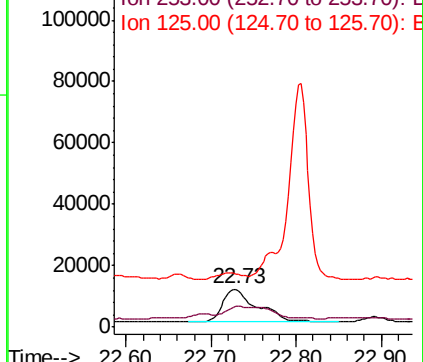


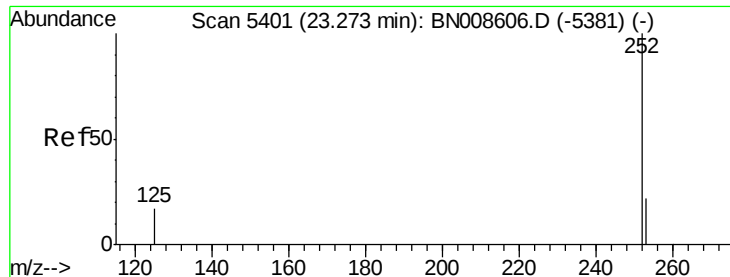
Abundance

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: 0.284 ng/ul

RT: 23.28 min Scan# 5403

Delta R.T. 0.01 min

Lab File: BN008619.D

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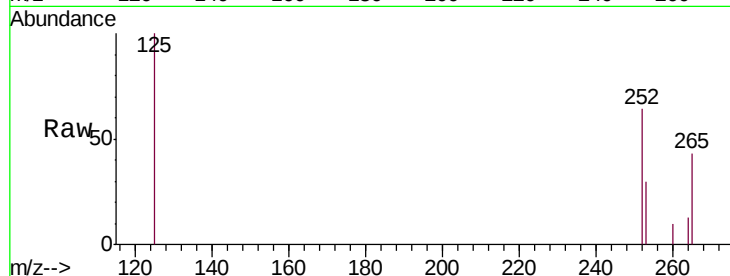
Tgt Ion:252 Resp: 12968

Ion Ratio Lower Upper

252 100

253 47.4 21.4 32.2#

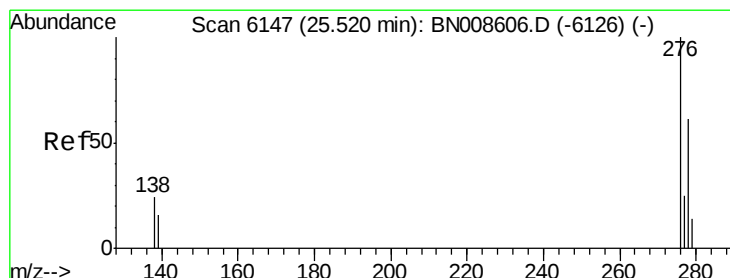
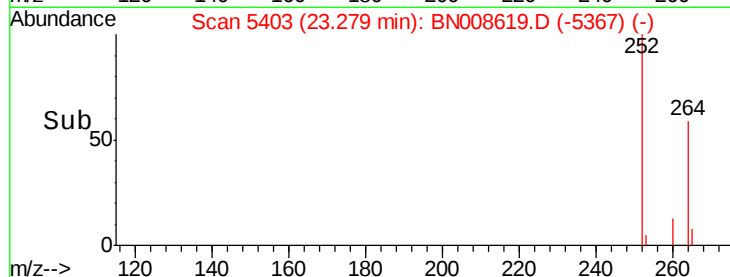
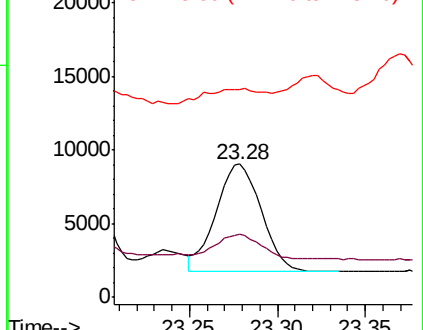
125 155.9 13.8 20.8#



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: 0.221 ng/ul

RT: 25.52 min Scan# 6148

Delta R.T. 0.00 min

Lab File: BN008619.D

Acq: 19 Nov 2019 00:20

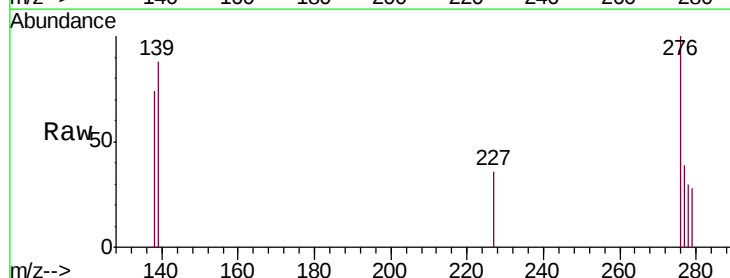
Tgt Ion:276 Resp: 11811

Ion Ratio Lower Upper

276 100

138 28.8 21.7 32.5

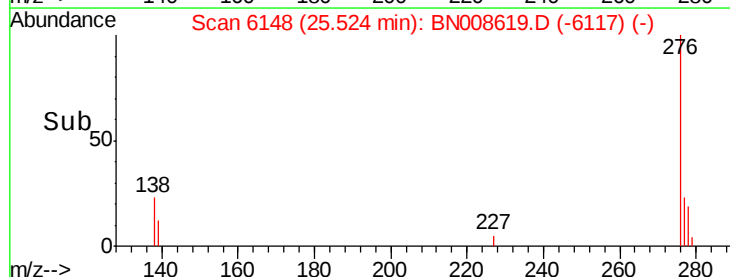
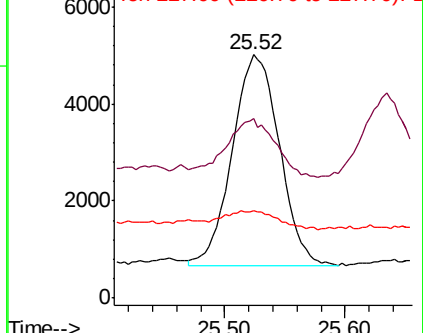
227 10.4 0.2 0.2#

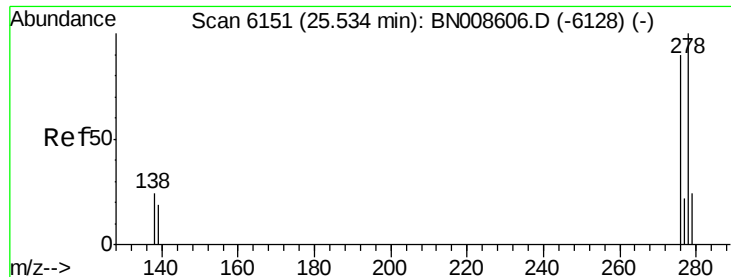


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

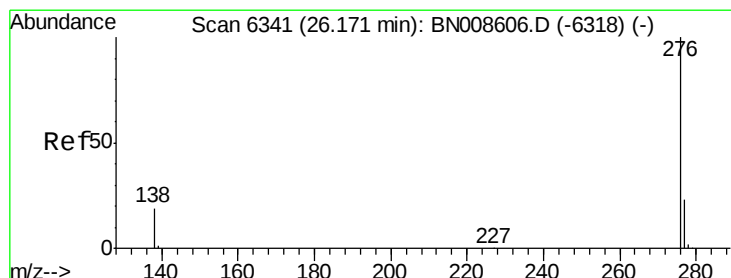
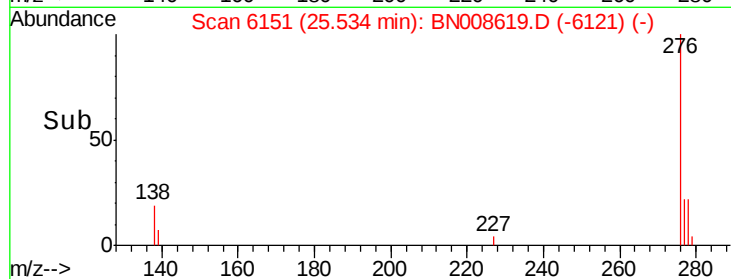
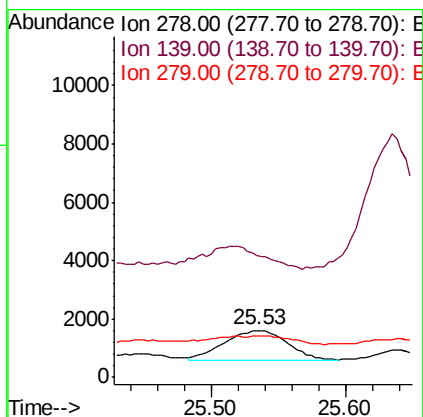
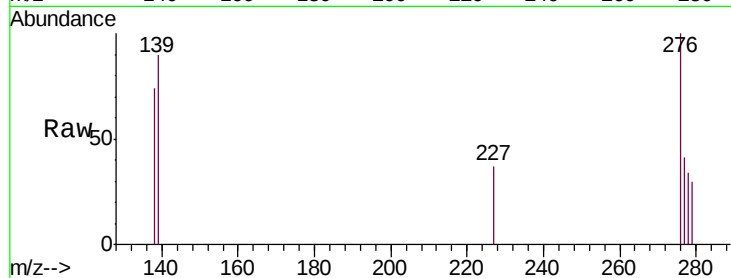




#25
Dibenzo(a,h)anthracene
Concen: 0.078 ng/u1
RT: 25.53 min Scan# 6151
Delta R.T. -0.00 min
Lab File: BN008619.D
Acq: 19 Nov 2019 00:20

Instrument :
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Tgt Ion:278 Resp: 3368
Ion Ratio Lower Upper
278 100
139 261.3 18.7 28.1#
279 87.2 20.8 31.2#



#26
Benzo(g,h,i)perylene
Concen: 0.342 ng/u1
RT: 26.18 min Scan# 6345
Delta R.T. 0.01 min
Lab File: BN008619.D
Acq: 19 Nov 2019 00:20

Tgt Ion:276 Resp: 15288
Ion Ratio Lower Upper
276 100
138 57.8 20.0 30.0#
277 36.4 20.0 30.0#

