

Data File : BN008617.D
Acq On : 18 Nov 2019 23:07
Operator : JU
Sample : K5678-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLMA1MS

Quant Time: Nov 19 01:52:37 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	3455	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	12415	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	7247	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.00
16) Chrysene-d12	21.19	240	11266	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	12117	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	4722	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	10293	0.00	ng/ul	0.00

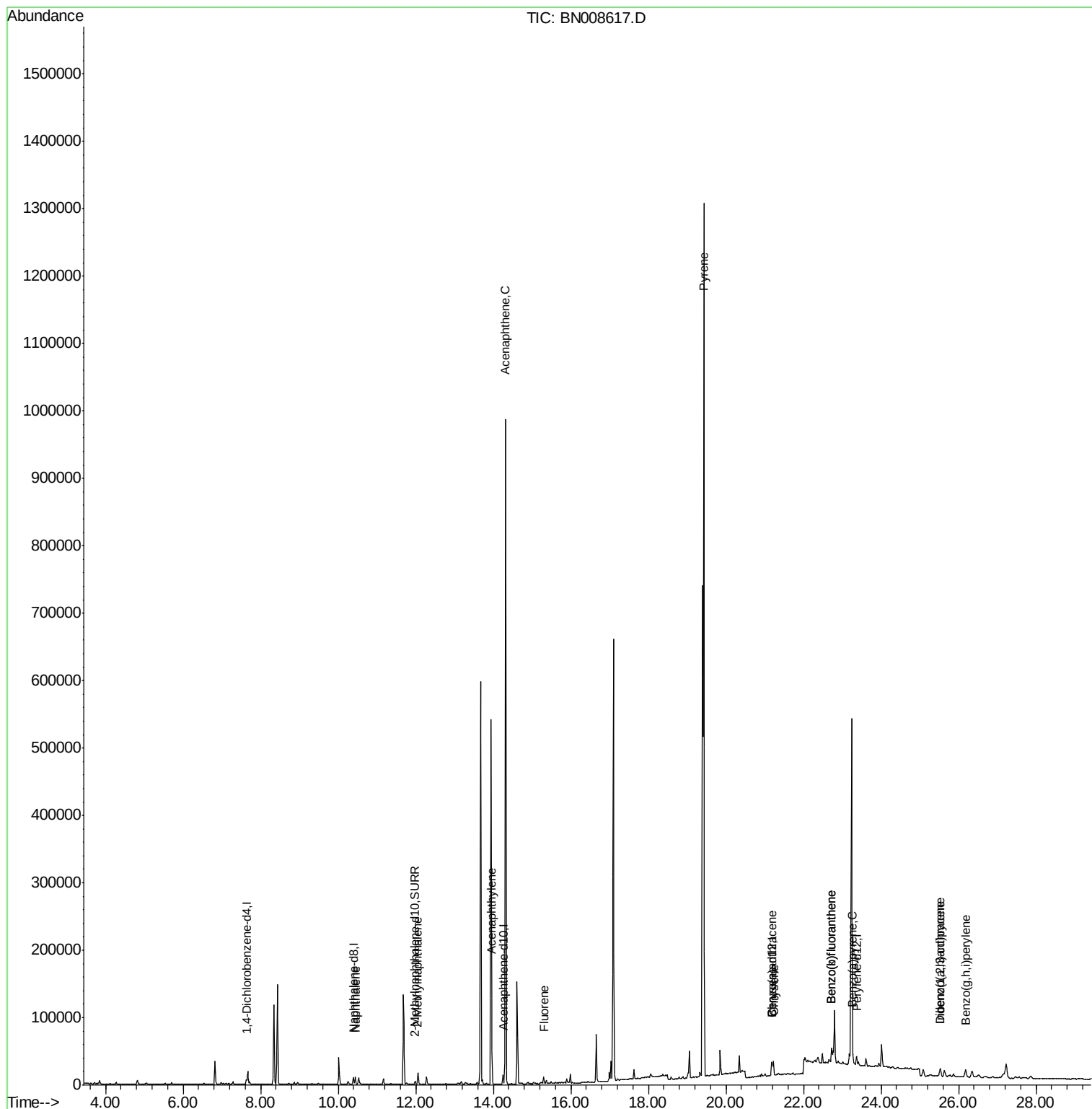
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	13582	0.363	ng/ul	99
5) 2-Methylnaphthalene	12.06	142	11924	0.456	ng/ul	100
7) Acenaphthylene	13.97	152	4293	0.107	ng/ul#	85
8) Acenaphthene	14.32	153	535884	18.023	ng/ul	99
9) Fluorene	15.31	166	2666	0.076	ng/ul#	67
17) Pyrene	19.43	202	1092653	24.175	ng/ul	94
18) Benzo(a)anthracene	21.18	228	14232	0.314	ng/ul#	65
19) Chrysene	21.23	228	25177	0.566	ng/ul#	78
21) Benzo(b)fluoranthene	22.73	252	38567	0.772	ng/ul#	1
22) Benzo(k)fluoranthene	22.73	252	38567	0.778	ng/ul#	1
23) Benzo(a)pyrene	23.28	252	17673	0.377	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.53	276	16075	0.293	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.54	278	4834	0.109	ng/ul#	1
26) Benzo(g,h,i)perylene	26.18	276	20578	0.448	ng/ul#	61

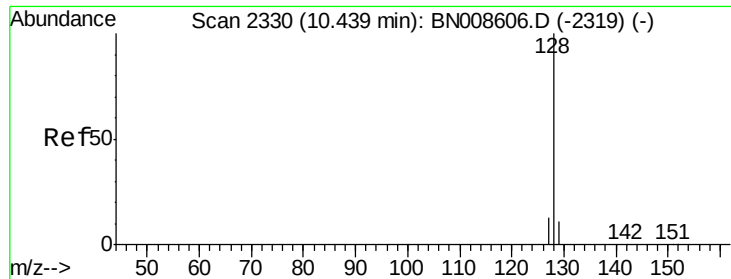
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.363 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BN008617.D

Acq: 18 Nov 2019 23:07

Instrument :

BNA_N

ClientSampleId :

JLMA1MS

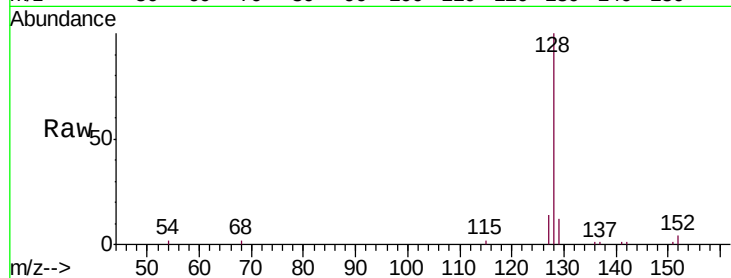
Tgt Ion:128 Resp: 13582

Ion Ratio Lower Upper

128 100

129 12.3 9.7 14.5

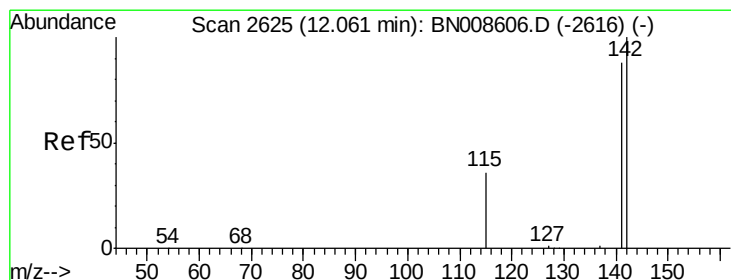
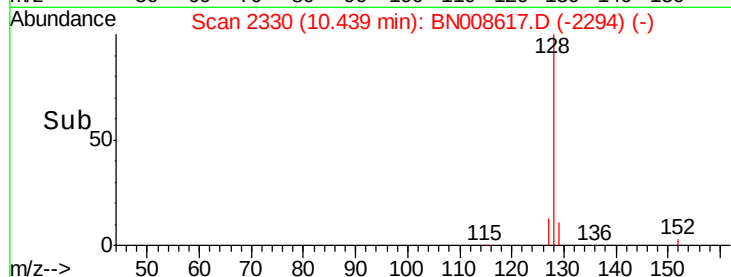
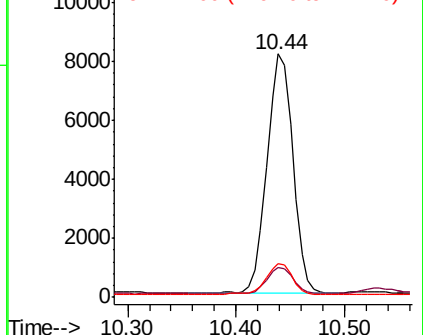
127 13.9 10.8 16.2



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: 0.456 ng/ul

RT: 12.06 min Scan# 2625

Delta R.T. -0.00 min

Lab File: BN008617.D

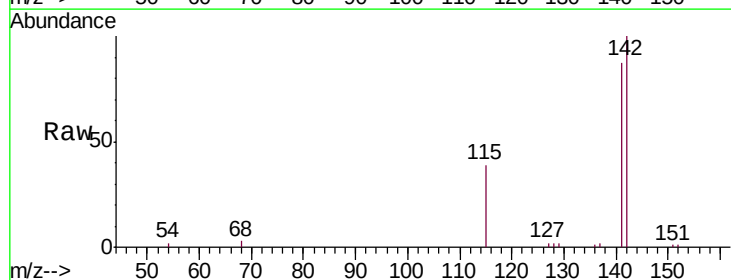
Acq: 18 Nov 2019 23:07

Tgt Ion:142 Resp: 11924

Ion Ratio Lower Upper

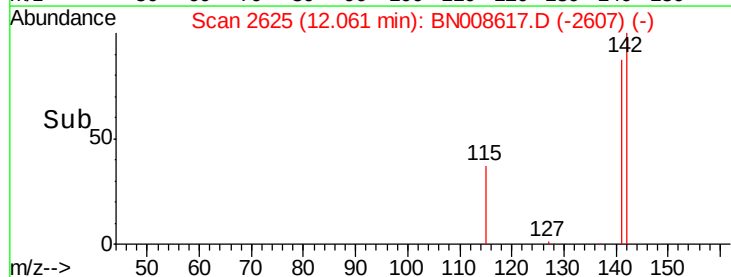
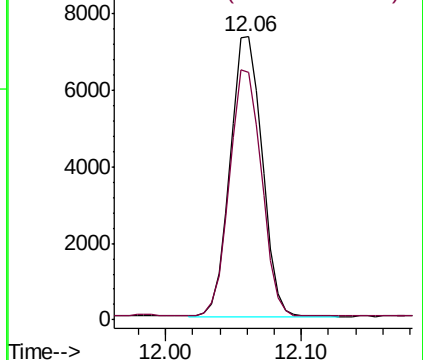
142 100

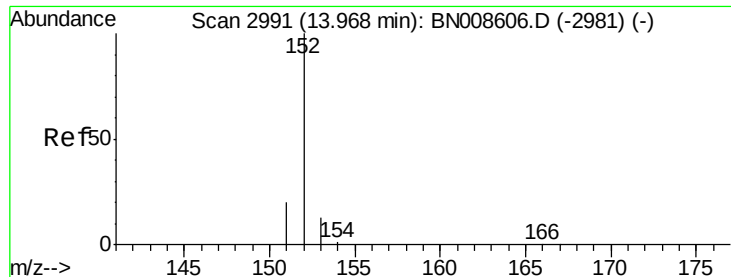
141 88.2 70.5 105.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.107 ng/ul

RT: 13.97 min Scan# 2991

Delta R.T. -0.00 min

Lab File: BN008617.D

Acq: 18 Nov 2019 23:07

Instrument :

BNA_N

ClientSampleId :

JLMA1MS

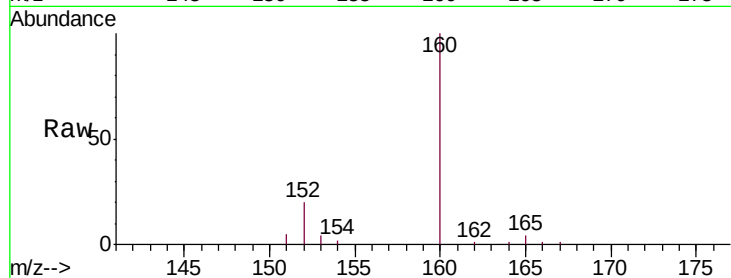
Tgt Ion:152 Resp: 4293

Ion Ratio Lower Upper

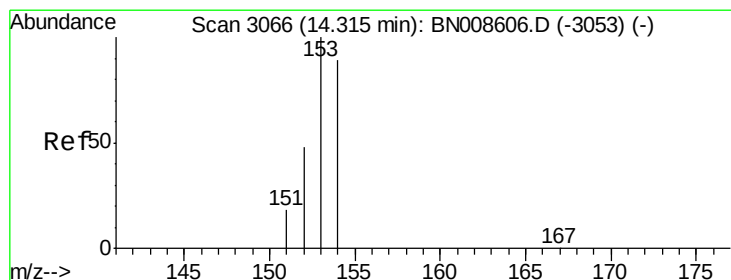
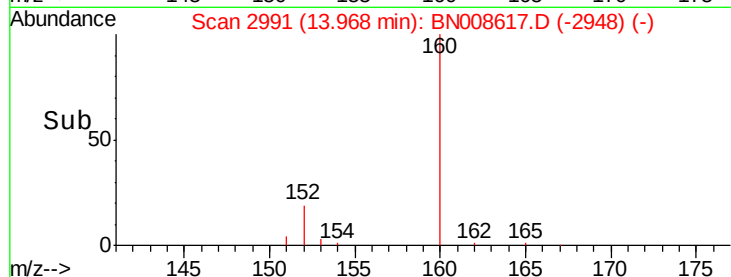
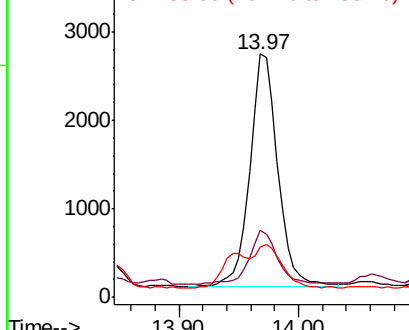
152 100

151 27.3 16.6 24.8#

153 20.8 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: 18.023 ng/ul

RT: 14.32 min Scan# 3066

Delta R.T. -0.00 min

Lab File: BN008617.D

Acq: 18 Nov 2019 23:07

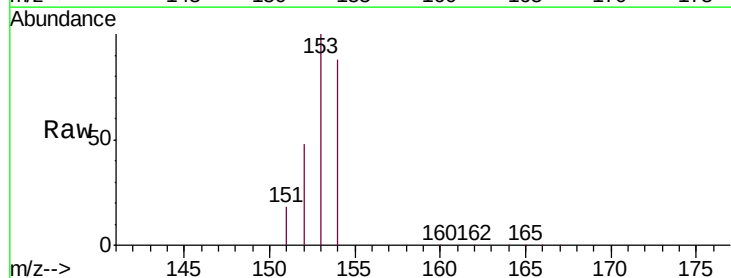
Tgt Ion:153 Resp: 535884

Ion Ratio Lower Upper

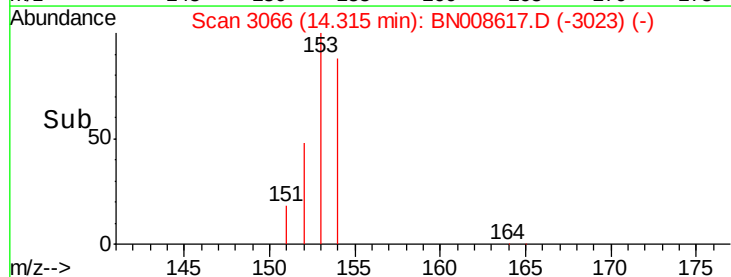
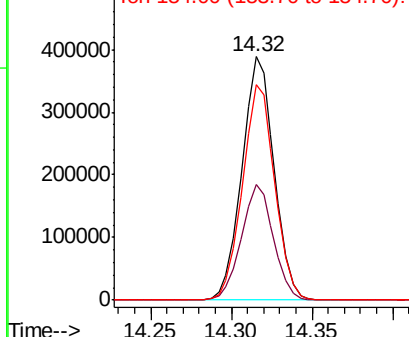
153 100

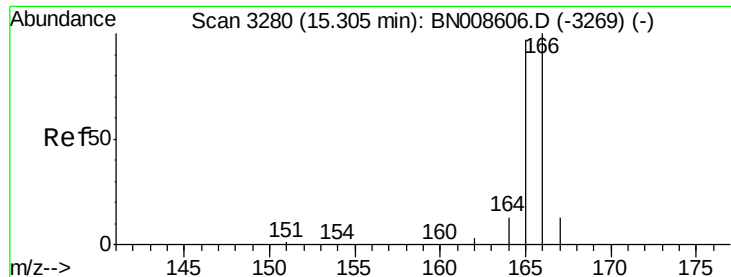
152 47.6 39.6 59.4

154 88.4 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: 0.076 ng/ul

RT: 15.31 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BN008617.D

Acq: 18 Nov 2019 23:07

Instrument :

BNA_N

ClientSampleId :

JLMA1MS

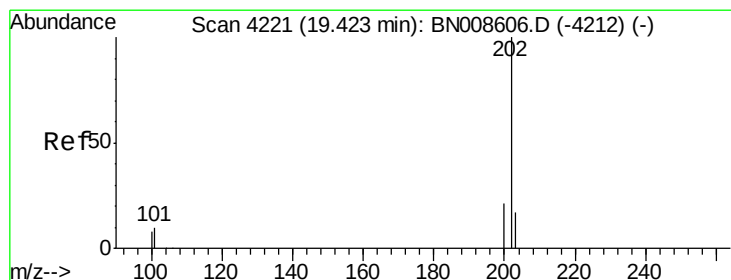
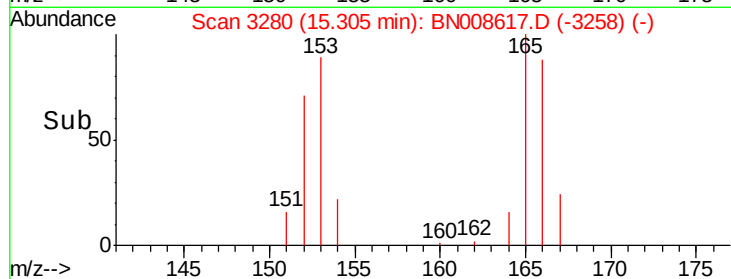
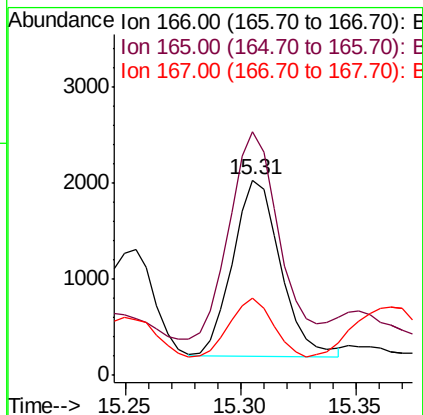
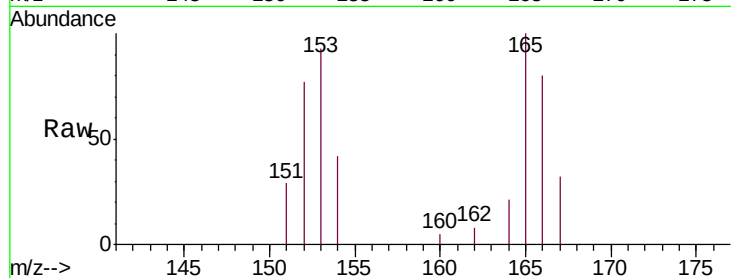
Tgt Ion:166 Resp: 2666

Ion Ratio Lower Upper

166 100

165 124.9 77.4 116.0#

167 39.5 11.4 17.0#



#17

Pyrene

Concen: 24.175 ng/ul

RT: 19.43 min Scan# 4222

Delta R.T. 0.00 min

Lab File: BN008617.D

Acq: 18 Nov 2019 23:07

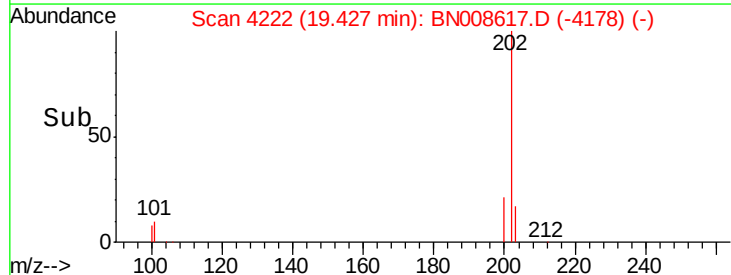
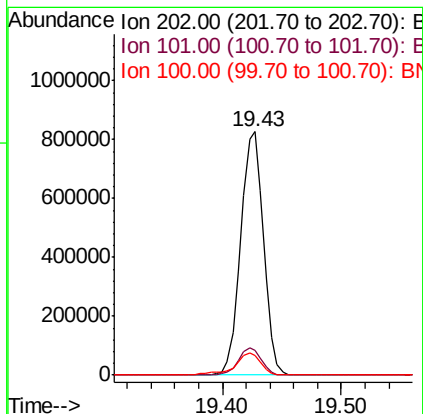
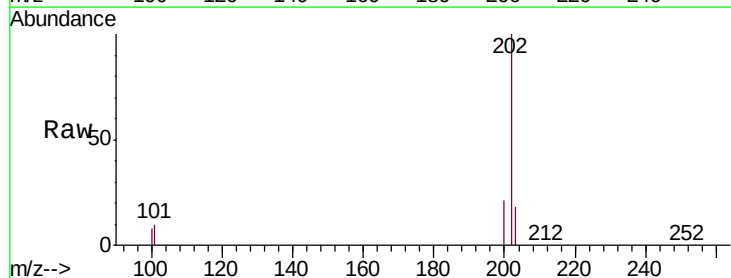
Tgt Ion:202 Resp: 1092653

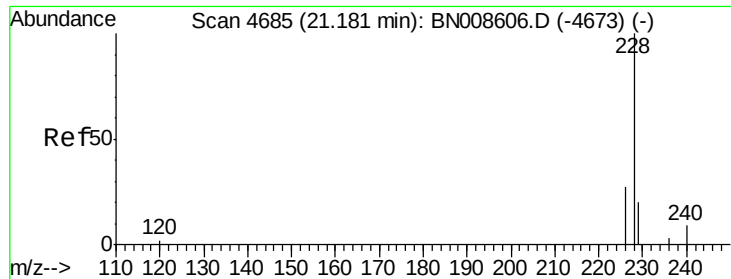
Ion Ratio Lower Upper

202 100

101 10.4 10.2 15.2

100 8.2 8.2 12.2





#18

Benzo(a)anthracene

Concen: 0.314 ng/ul

RT: 21.18 min Scan# 4684

Delta R.T. -0.00 min

Lab File: BN008617.D

Acq: 18 Nov 2019 23:07

Instrument :

BNA_N

ClientSampleId :

JLMA1MS

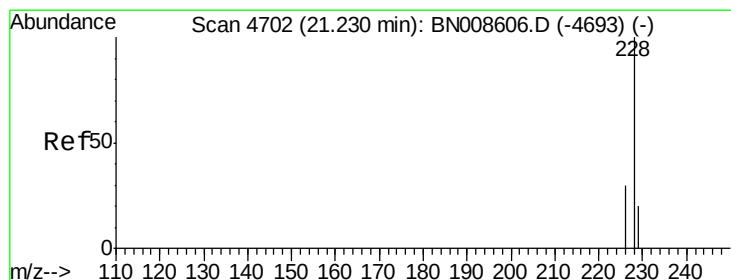
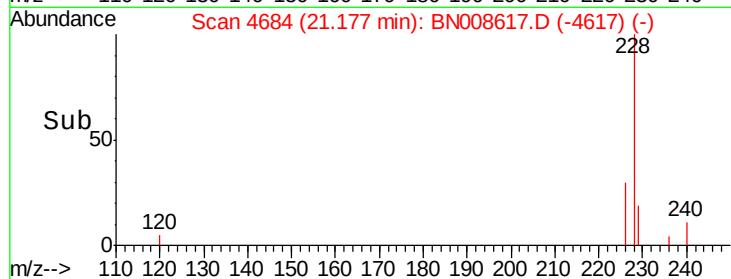
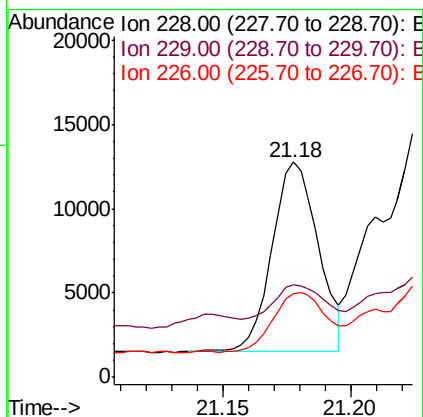
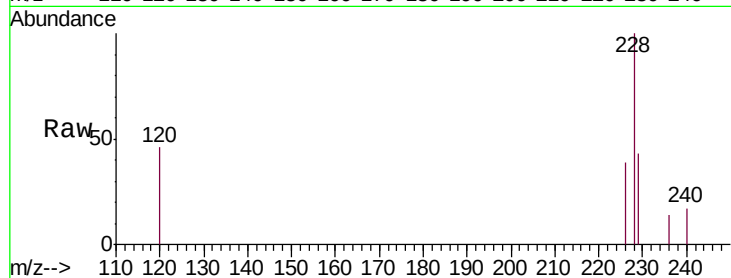
Tgt Ion:228 Resp: 14232

Ion Ratio Lower Upper

228 100

229 43.0 15.8 23.6#

226 38.8 21.6 32.4#



#19

Chrysene

Concen: 0.566 ng/ul

RT: 21.23 min Scan# 4702

Delta R.T. -0.00 min

Lab File: BN008617.D

Acq: 18 Nov 2019 23:07

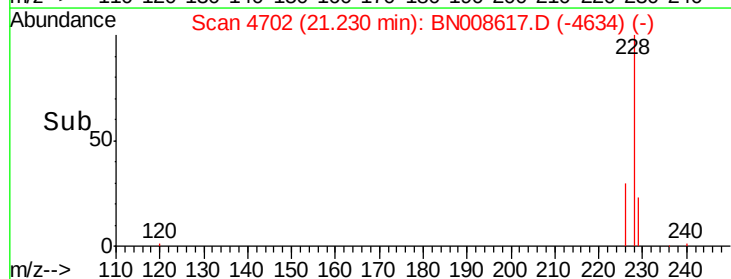
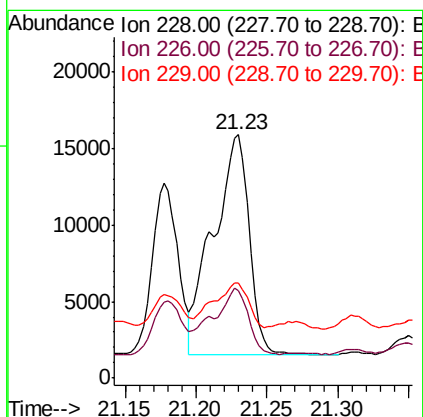
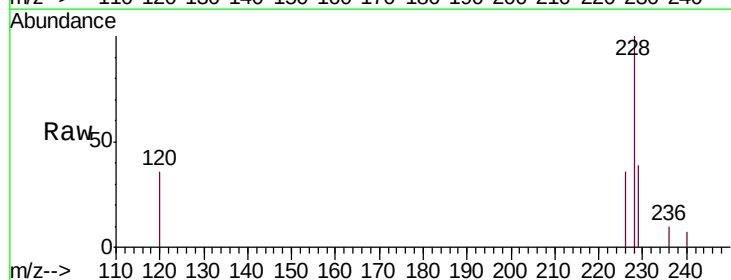
Tgt Ion:228 Resp: 25177

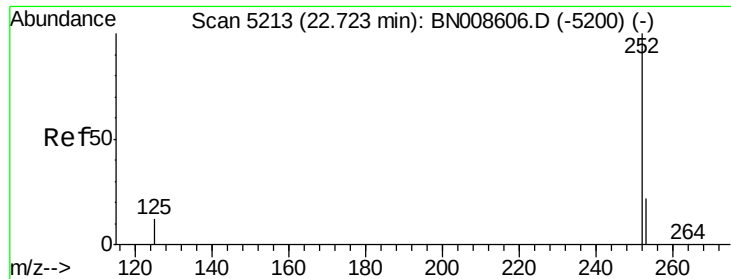
Ion Ratio Lower Upper

228 100

226 35.8 24.5 36.7

229 38.9 15.5 23.3#





#21

Benzo(b)fluoranthene

Concen: 0.772 ng/ul

RT: 22.73 min Scan# 5214

Delta R.T. 0.00 min

Lab File: BN008617.D

Acq: 18 Nov 2019 23:07

Instrument :

BNA_N

ClientSampleId :

JLMA1MS

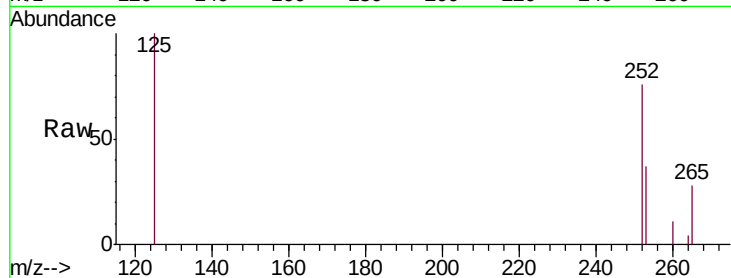
Tgt Ion:252 Resp: 38567

Ion Ratio Lower Upper

252 100

253 48.6 0.0 50.2

125 131.9 0.0 30.0#

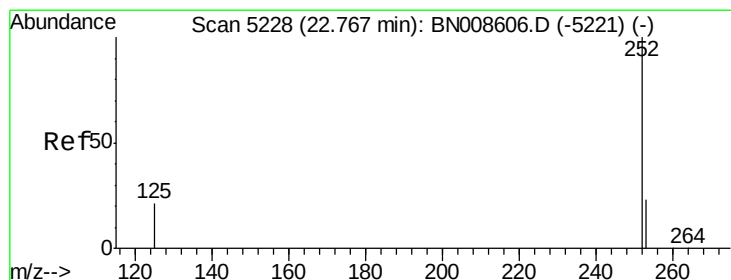
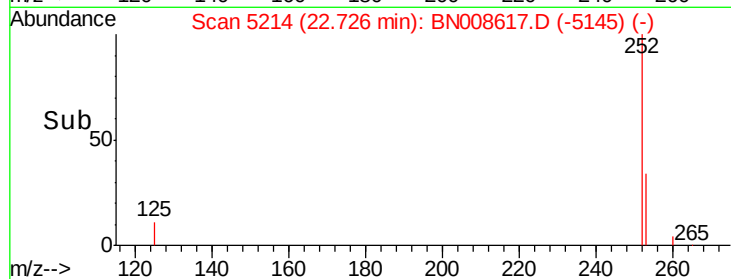
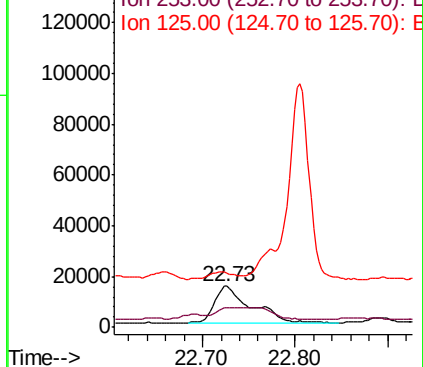


Abundance

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: 0.778 ng/ul

RT: 22.73 min Scan# 5214

Delta R.T. -0.04 min

Lab File: BN008617.D

Acq: 18 Nov 2019 23:07

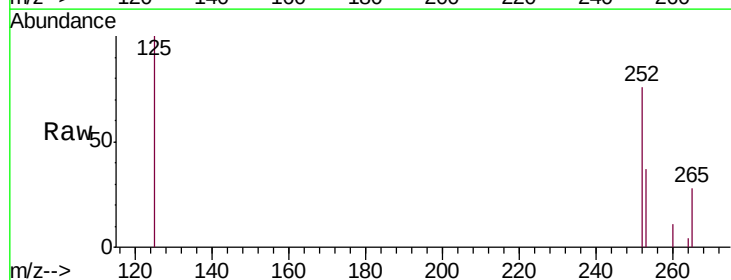
Tgt Ion:252 Resp: 38567

Ion Ratio Lower Upper

252 100

253 48.6 20.5 30.7#

125 131.9 15.0 22.4#

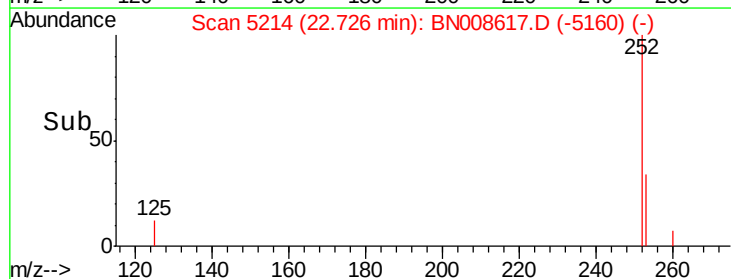
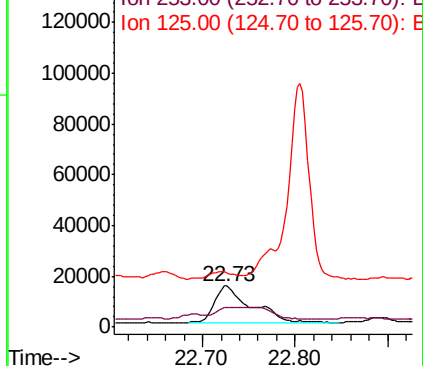


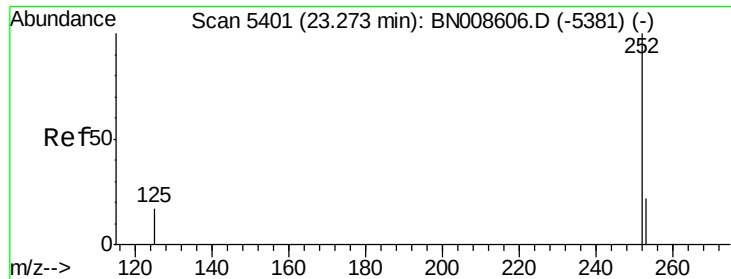
Abundance

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: 0.377 ng/ul

RT: 23.28 min Scan# 5403

Delta R.T. 0.01 min

Lab File: BN008617.D

Acq: 18 Nov 2019 23:07

Instrument :

BNA_N

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JLMA1MS

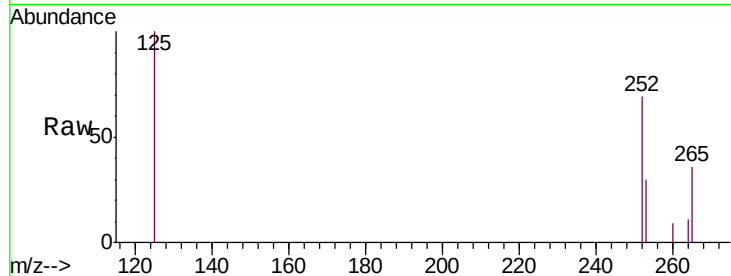
Tgt Ion: 252 Resp: 17673

Ion Ratio Lower Upper

252 100

253 43.4 21.4 32.2#

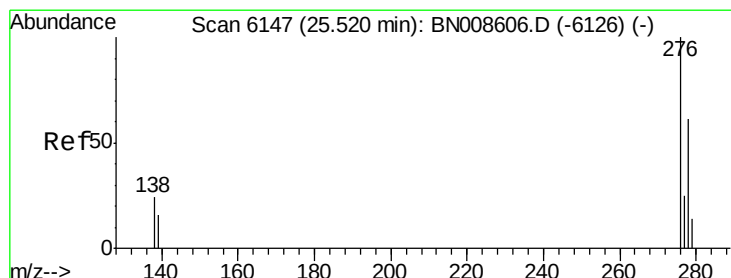
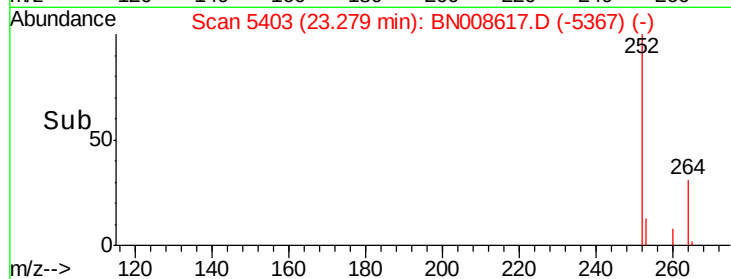
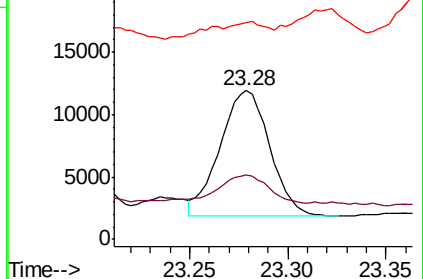
125 145.8 13.8 20.8#



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: 0.293 ng/ul

RT: 25.53 min Scan# 6149

Delta R.T. 0.01 min

Lab File: BN008617.D

Acq: 18 Nov 2019 23:07

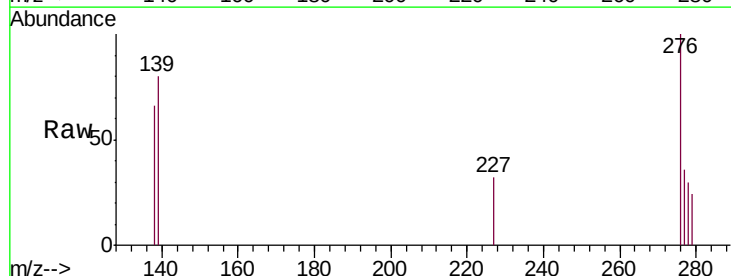
Tgt Ion: 276 Resp: 16075

Ion Ratio Lower Upper

276 100

138 31.6 21.7 32.5

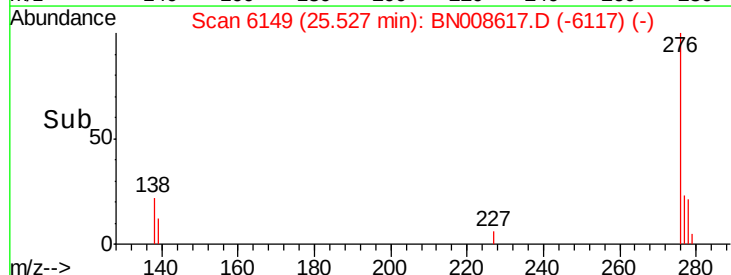
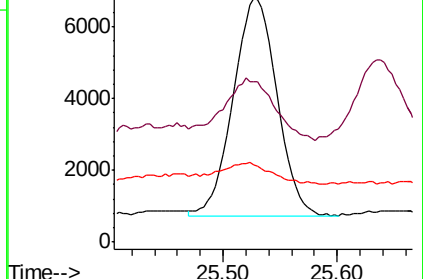
227 10.6 0.2 0.2#

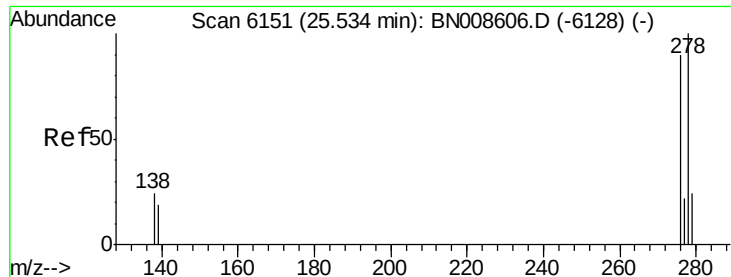


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

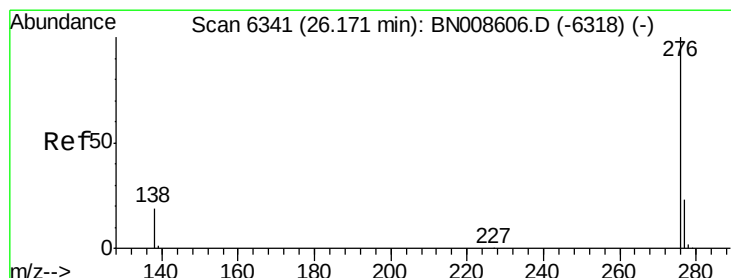
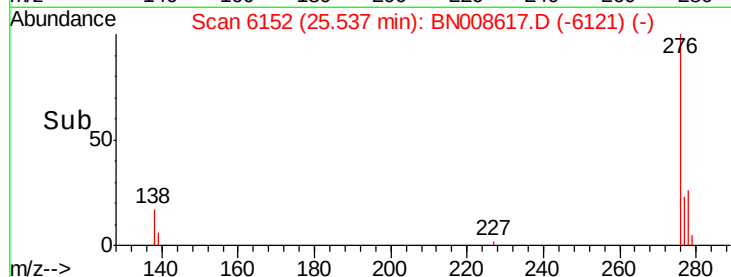
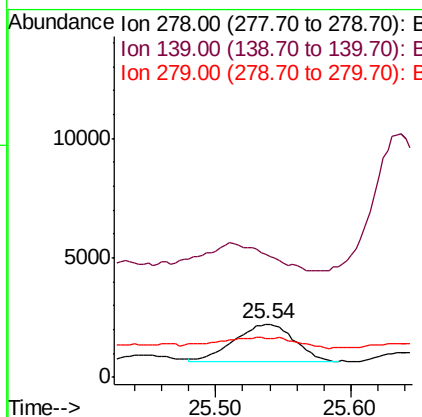
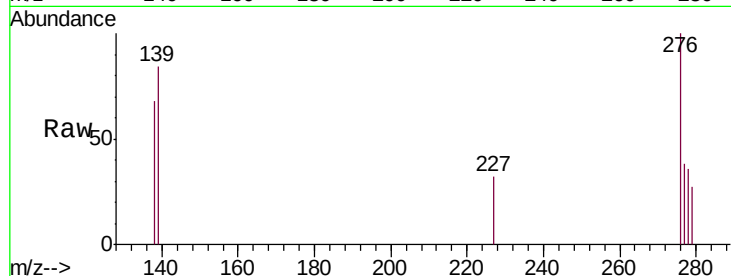




#25
Dibenzo(a,h)anthracene
Concen: 0.109 ng/ul
RT: 25.54 min Scan# 6152
Delta R.T. 0.00 min
Lab File: BN008617.D
Acq: 18 Nov 2019 23:07

Instrument :
BNA_N
ClientSampleId :
JLMA1MS

Tgt Ion: 278 Resp: 4834
Ion Ratio Lower Upper
278 100
139 231.0 18.7 28.1#
279 73.0 20.8 31.2#



#26
Benzo(g,h,i)perylene
Concen: 0.448 ng/ul
RT: 26.18 min Scan# 6345
Delta R.T. 0.01 min
Lab File: BN008617.D
Acq: 18 Nov 2019 23:07

Tgt Ion: 276 Resp: 20578
Ion Ratio Lower Upper
276 100
138 55.4 20.0 30.0#
277 33.5 20.0 30.0#

