

Data File : BN008612.D
Acq On : 18 Nov 2019 20:07
Operator : JU
Sample : K5678-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLM97

Quant Time: Nov 19 01:51:42 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	2958	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	10708	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	6263	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	12435	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	9613	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	10326	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	3642	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	7731	0.20	ng/ul	0.00

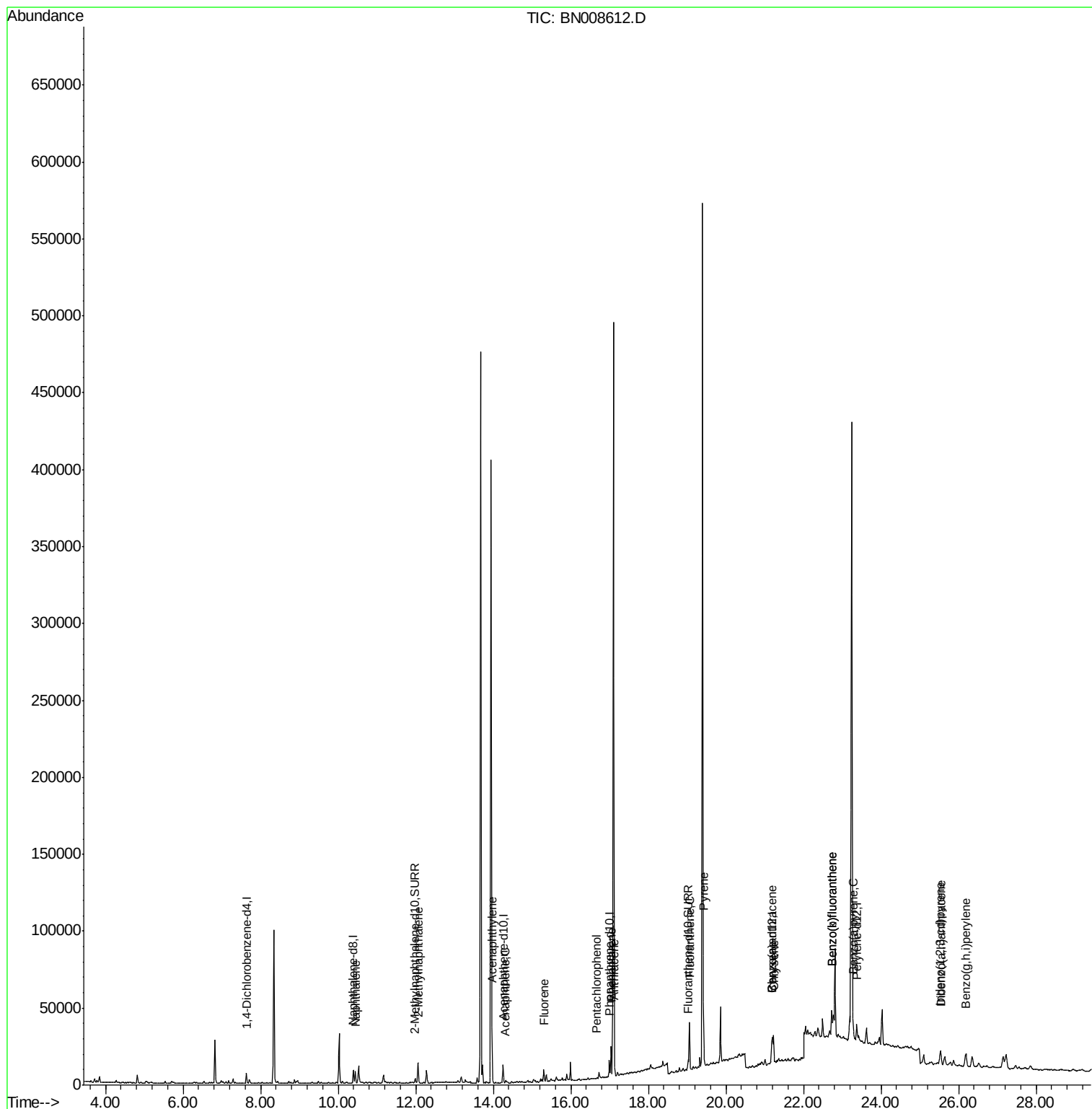
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	10041	0.311	ng/ul	99
5) 2-Methylnaphthalene	12.06	142	9069	0.402	ng/ul	99
7) Acenaphthylene	13.97	152	3336	0.096	ng/ul#	82
8) Acenaphthene	14.32	153	1228	0.048	ng/ul	95
9) Fluorene	15.31	166	1750	0.058	ng/ul#	54
11) Pentachlorophenol	16.66	266	189	0.040	ng/ul	93
12) Phenanthrene	17.04	178	20125	0.480	ng/ul#	91
13) Anthracene	17.13	178	4812	0.121	ng/ul#	64
15) Fluoranthene	19.06	202	27379	0.531	ng/ul	96
17) Pyrene	19.42	202	29508	0.765	ng/ul	99
18) Benzo(a)anthracene	21.18	228	10572	0.273	ng/ul#	55
19) Chrysene	21.23	228	21904	0.577	ng/ul#	72
21) Benzo(b)fluoranthene	22.73	252	29490	0.693	ng/ul#	1
22) Benzo(k)fluoranthene	22.73	252	29490	0.698	ng/ul#	1
23) Benzo(a)pyrene	23.28	252	13823	0.346	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.53	276	11949	0.256	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.54	278	3874	0.103	ng/ul#	1
26) Benzo(g,h,i)perylene	26.18	276	16288	0.417	ng/ul#	49

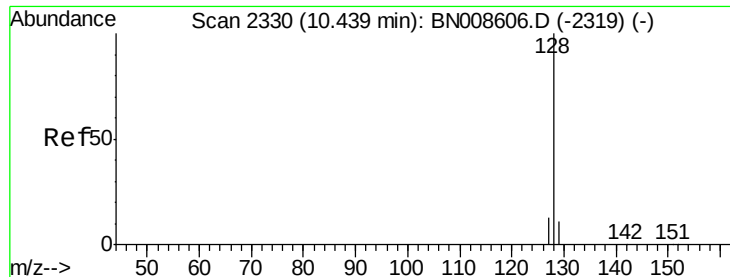
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.311 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.00 min

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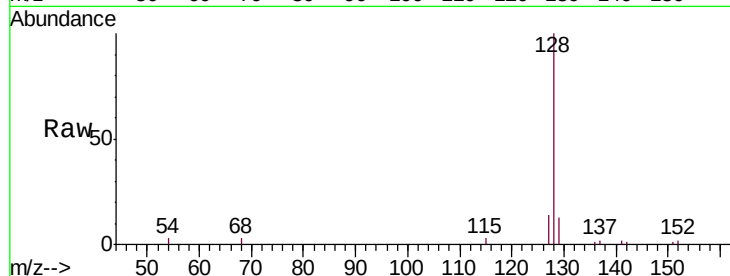
Tgt Ion:128 Resp: 10041

Ion Ratio Lower Upper

128 100

129 12.7 9.7 14.5

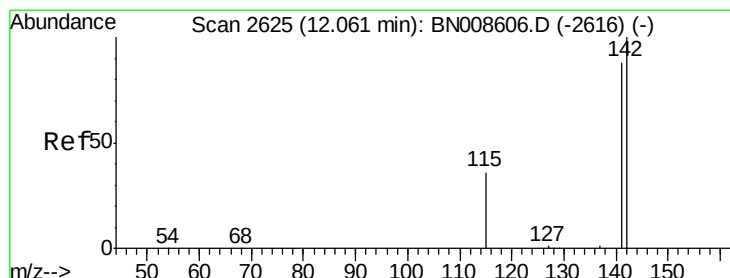
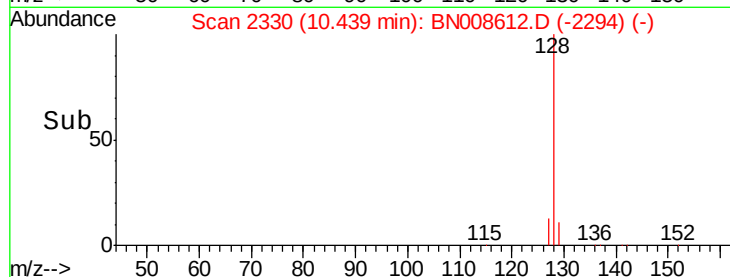
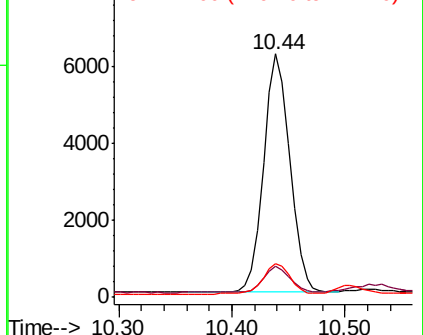
127 14.0 10.8 16.2



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: 0.402 ng/ul

RT: 12.06 min Scan# 2625

Delta R.T. -0.00 min

Lab File: BN008612.D

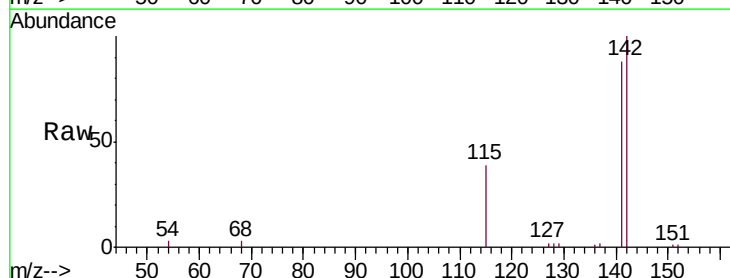
Acq: 18 Nov 2019 20:07

Tgt Ion:142 Resp: 9069

Ion Ratio Lower Upper

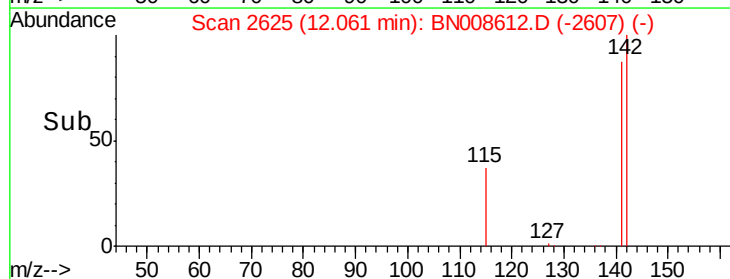
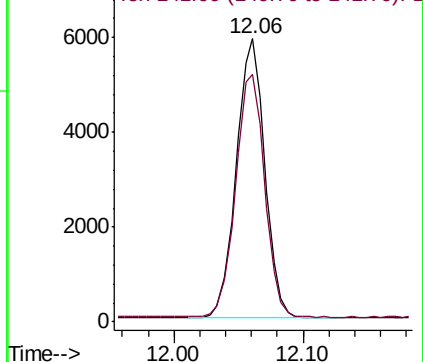
142 100

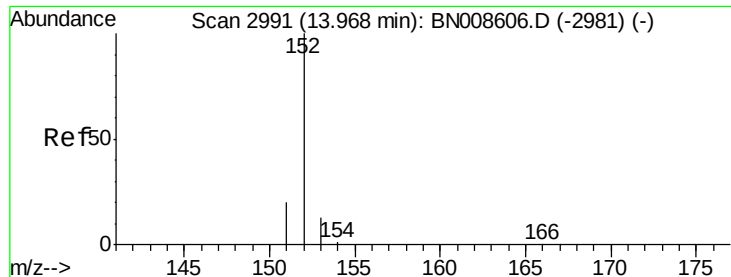
141 88.6 70.5 105.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.096 ng/ul

RT: 13.97 min Scan# 2992

Delta R.T. 0.00 min

Lab File: BN008612.D

Acq: 18 Nov 2019 20:07

Instrument :

BNA_N

ClientSampled :

JLM97

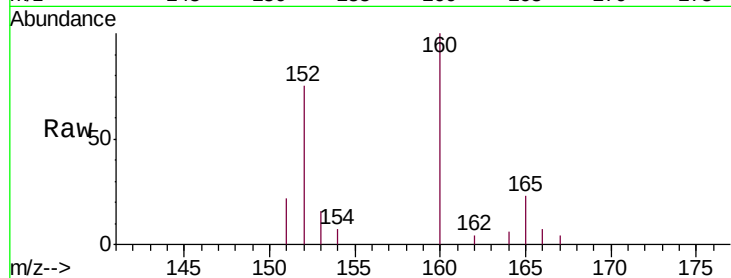
Tgt Ion:152 Resp: 3336

Ion Ratio Lower Upper

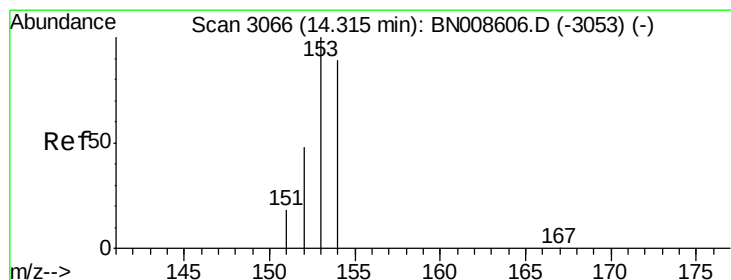
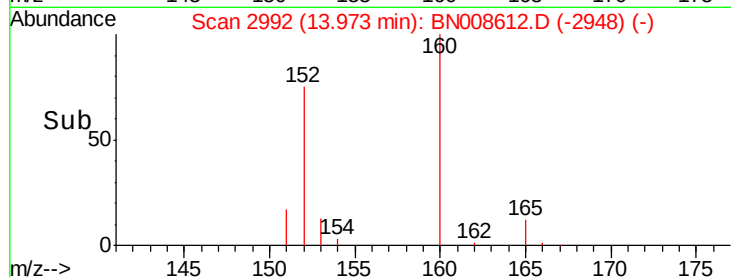
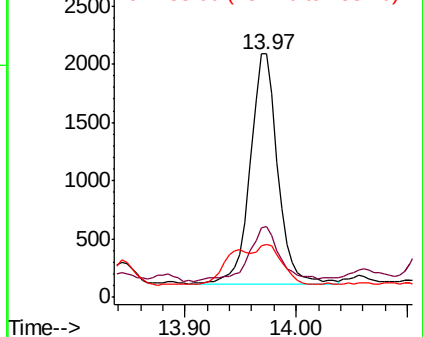
152 100

151 28.8 16.6 24.8#

153 21.7 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: 0.048 ng/ul

RT: 14.32 min Scan# 3066

Delta R.T. -0.00 min

Lab File: BN008612.D

Acq: 18 Nov 2019 20:07

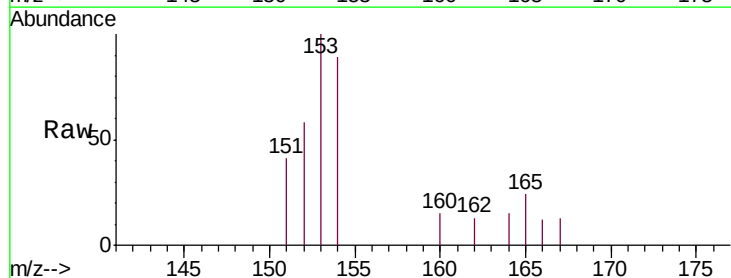
Tgt Ion:153 Resp: 1228

Ion Ratio Lower Upper

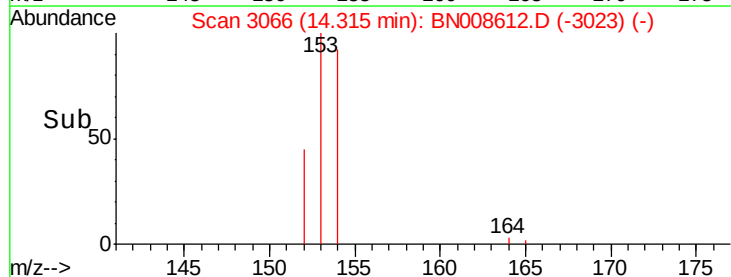
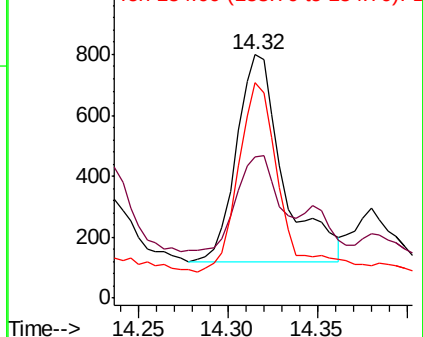
153 100

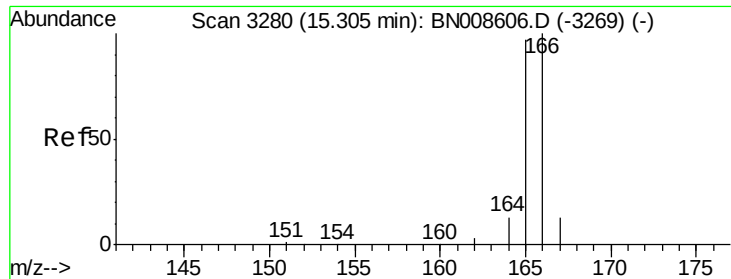
152 58.2 39.6 59.4

154 88.7 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: 0.058 ng/ul

RT: 15.31 min Scan# 3280

Delta R.T. -0.00 min

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Instrument :

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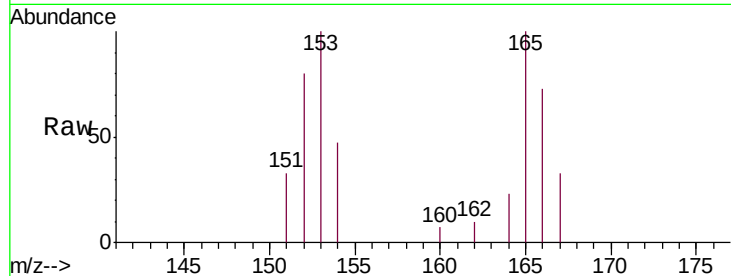
Tgt Ion:166 Resp: 1750

Ion Ratio Lower Upper

166 100

165 137.3 77.4 116.0#

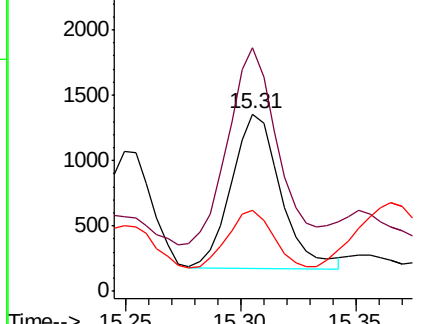
167 45.6 11.4 17.0#



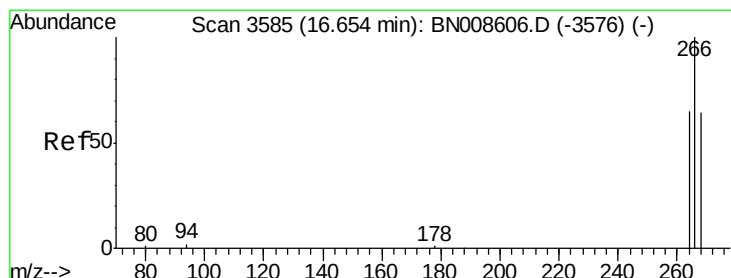
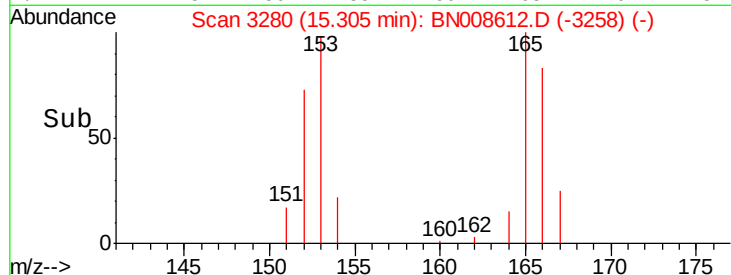
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#11

Pentachlorophenol

Concen: 0.040 ng/ul

RT: 16.66 min Scan# 3586

Delta R.T. 0.00 min

Lab File: BN008612.D

Acq: 18 Nov 2019 20:07

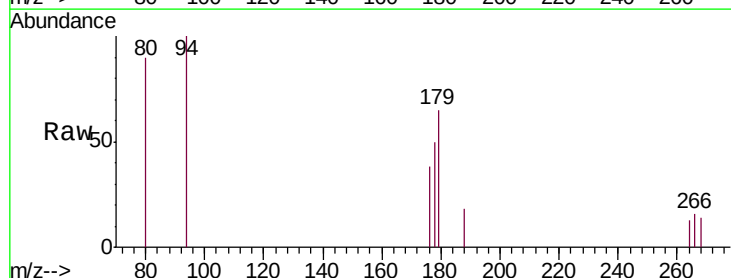
Tgt Ion:266 Resp: 189

Ion Ratio Lower Upper

266 100

264 72.5 49.2 73.8

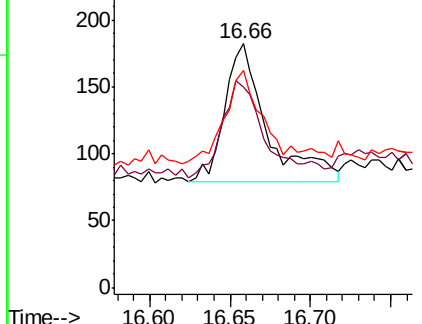
268 64.0 50.9 76.3



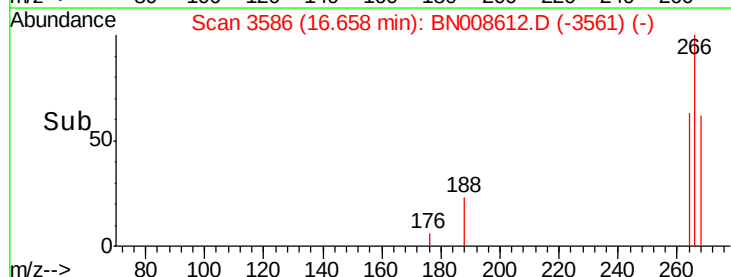
Abundance Ion 266.00 (265.70 to 266.70): E

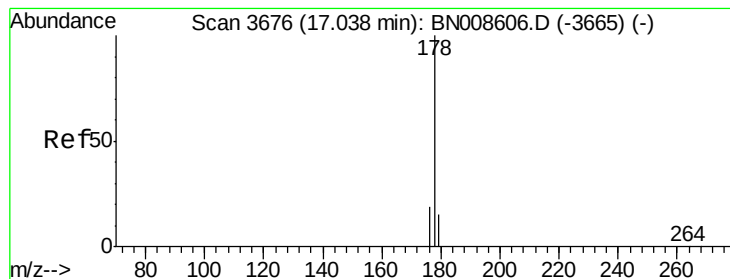
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->





#12

Phenanthrene

Concen: 0.480 ng/ul

RT: 17.04 min Scan# 3676

Delta R.T. -0.00 min

Lab File: BN008612.D

Acq: 18 Nov 2019 20:07

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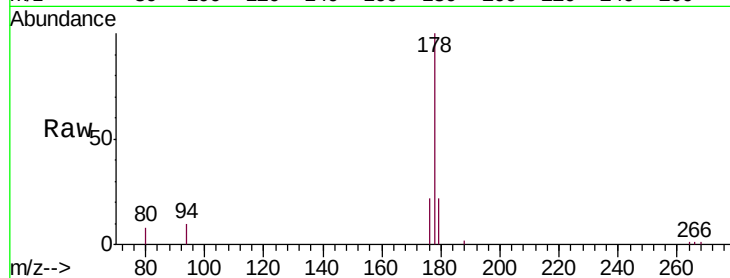
Tgt Ion:178 Resp: 20125

Ion Ratio Lower Upper

178 100

179 22.3 12.8 19.2#

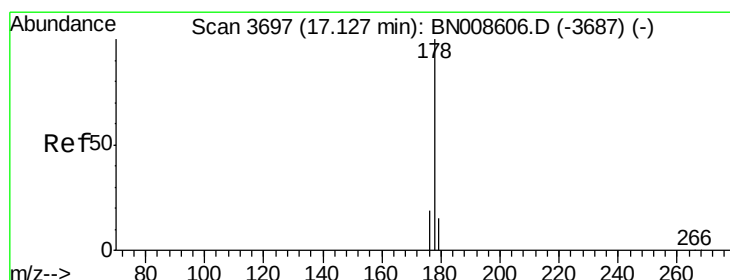
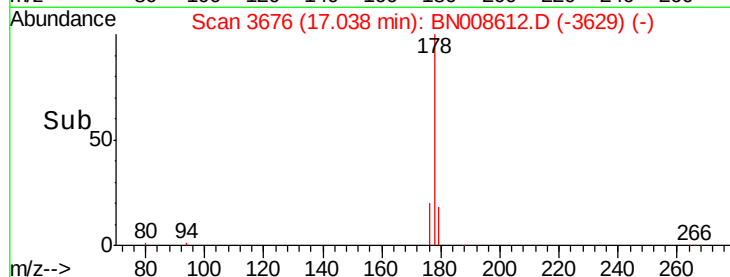
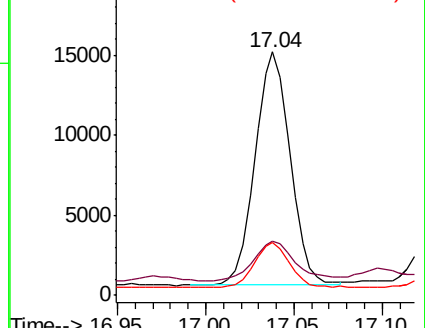
176 21.6 16.0 24.0



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



#13

Anthracene

Concen: 0.121 ng/ul

RT: 17.13 min Scan# 3697

Delta R.T. -0.00 min

Lab File: BN008612.D

Acq: 18 Nov 2019 20:07

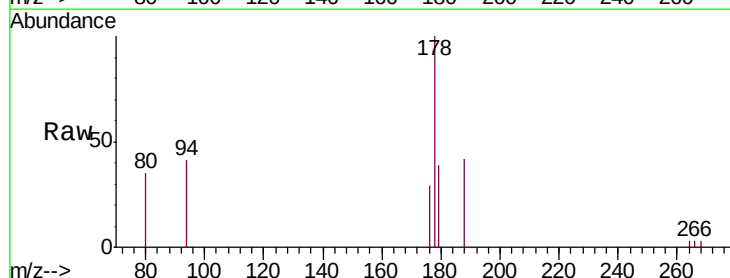
Tgt Ion:178 Resp: 4812

Ion Ratio Lower Upper

178 100

179 38.5 13.0 19.4#

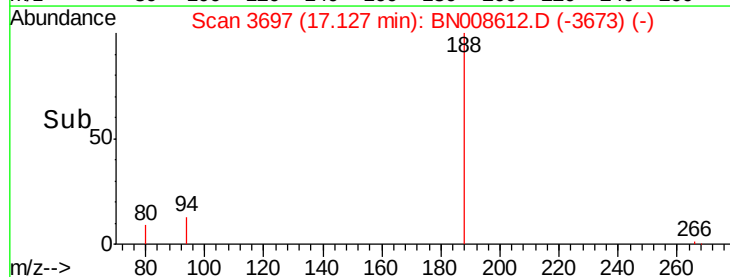
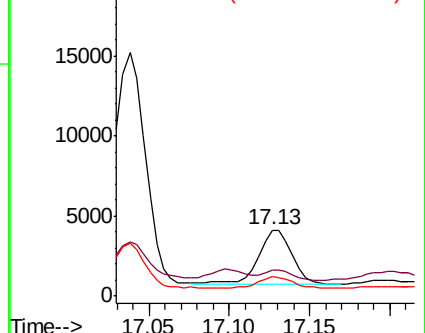
176 28.7 15.3 22.9#

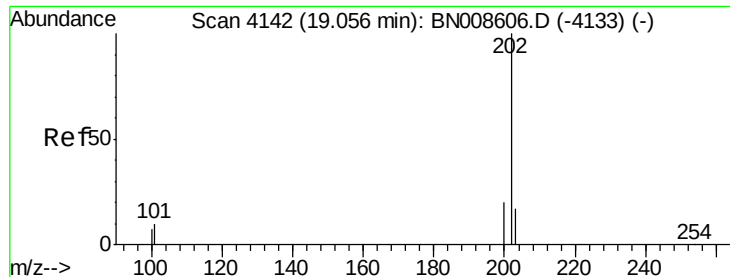


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.531 ng/ul

RT: 19.06 min Scan# 4143

Delta R.T. 0.00 min

Lab File: BN008612.D

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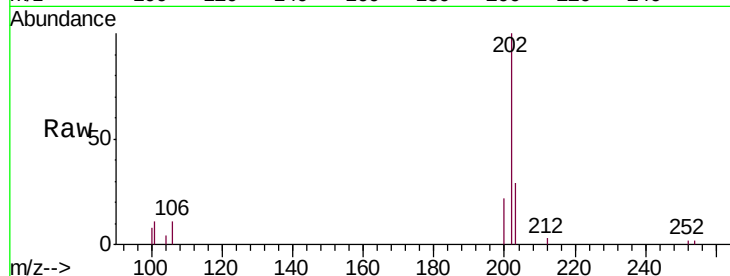
Tgt Ion:202 Resp: 27379

Ion Ratio Lower Upper

202 100

101 11.0 0.0 29.6

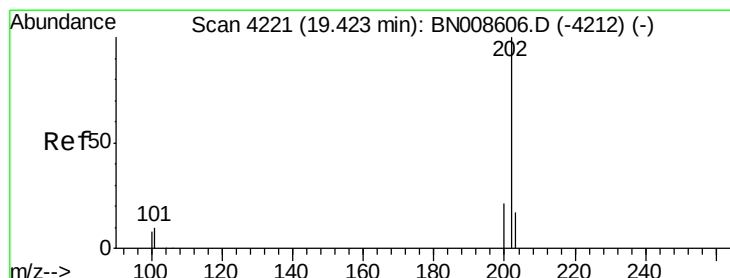
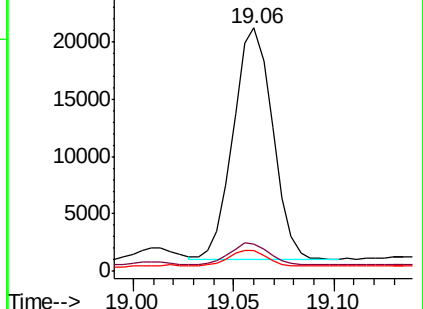
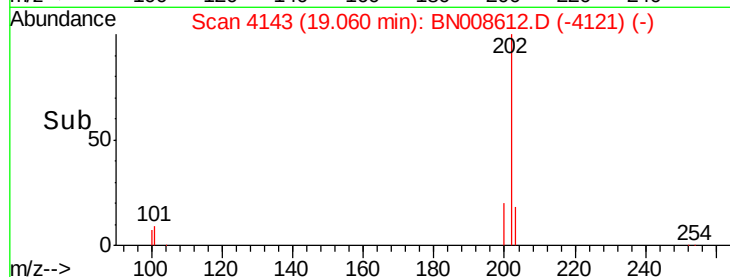
100 8.5 0.0 27.0



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: 0.765 ng/ul

RT: 19.42 min Scan# 4221

Delta R.T. -0.00 min

Lab File: BN008612.D

Acq: 18 Nov 2019 20:07

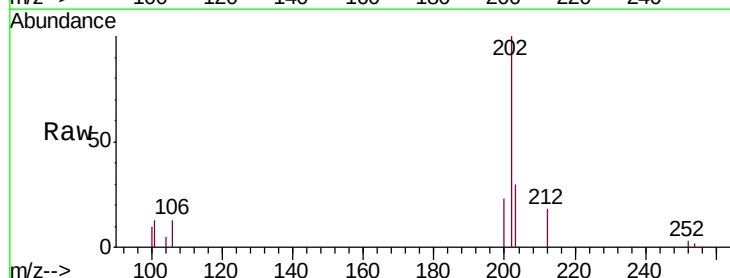
Tgt Ion:202 Resp: 29508

Ion Ratio Lower Upper

202 100

101 13.1 10.2 15.2

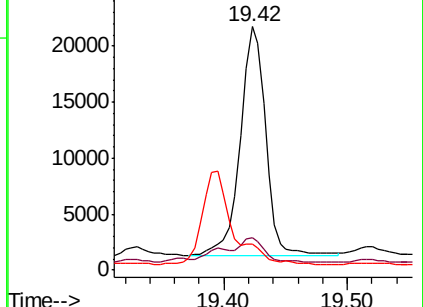
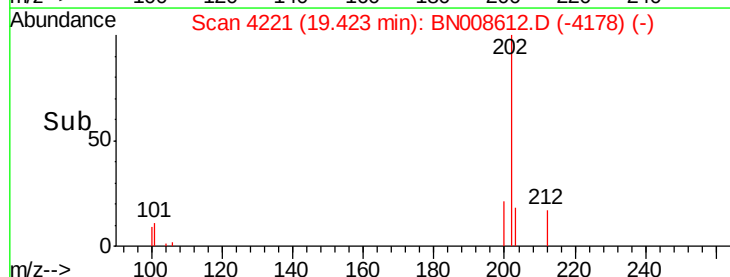
100 10.5 8.2 12.2

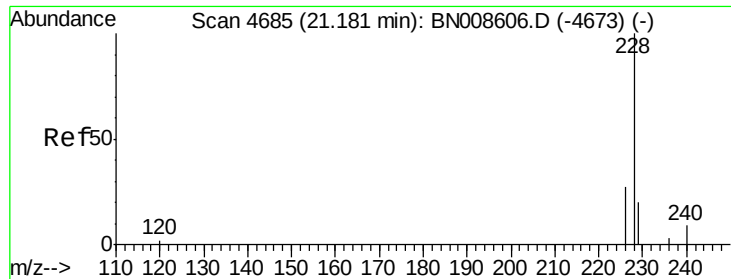


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.273 ng/ul

RT: 21.18 min Scan# 4685

Delta R.T. -0.00 min

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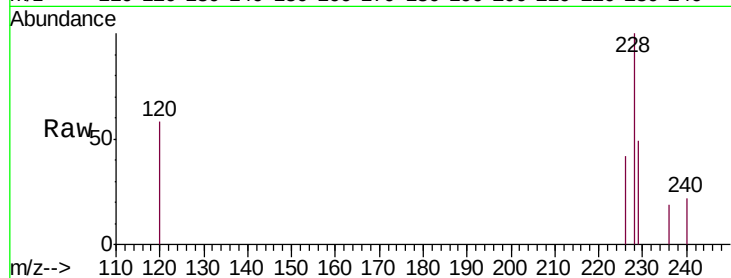
Tgt Ion:228 Resp: 10572

Ion Ratio Lower Upper

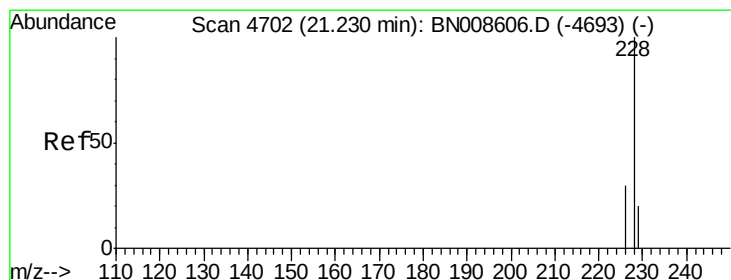
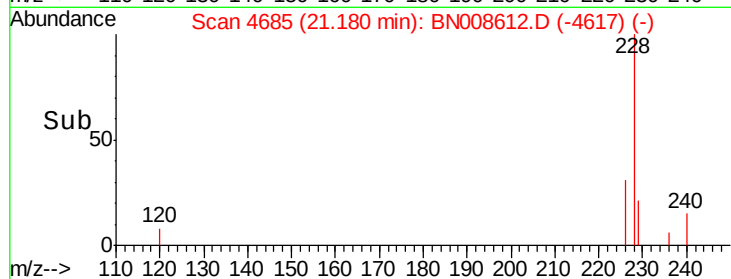
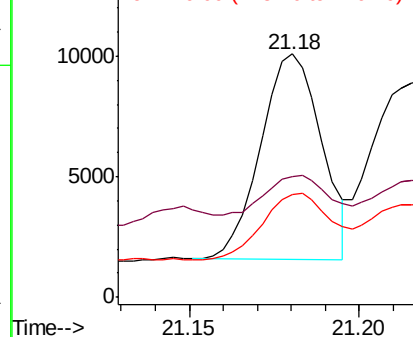
228 100

229 49.4 15.8 23.6#

226 42.4 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: 0.577 ng/ul

RT: 21.23 min Scan# 4702

Delta R.T. -0.00 min

Lab File: BN008612.D

Acq: 18 Nov 2019 20:07

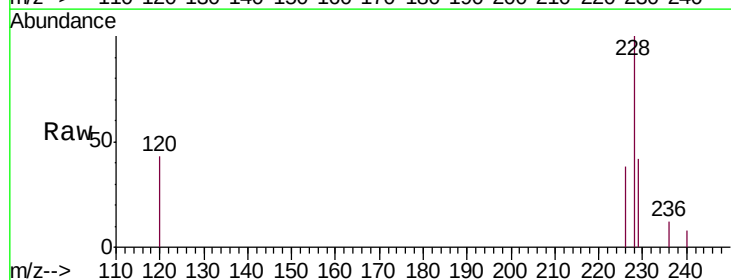
Tgt Ion:228 Resp: 21904

Ion Ratio Lower Upper

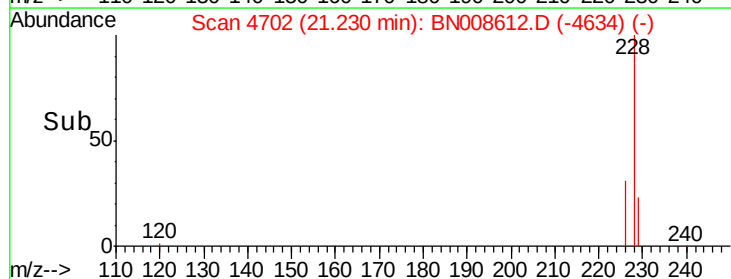
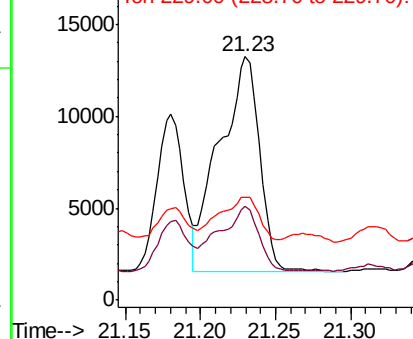
228 100

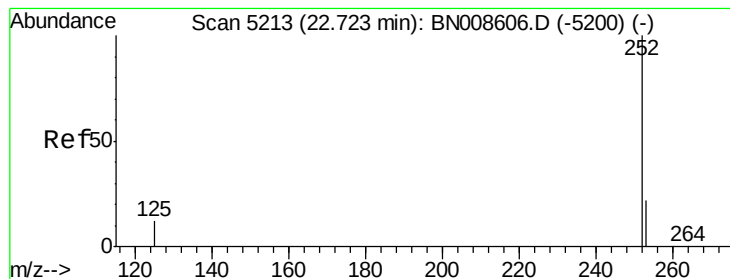
226 38.4 24.5 36.7#

229 42.3 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: 0.693 ng/ul

RT: 22.73 min Scan# 5215

Delta R.T. 0.01 min

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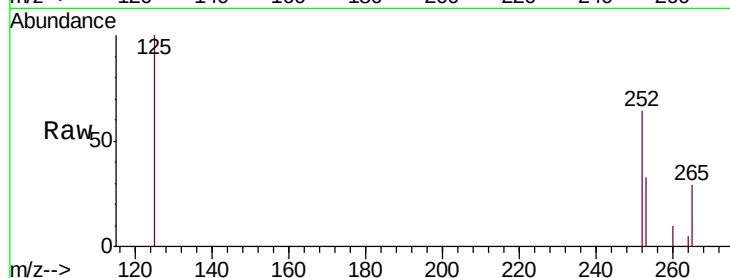
Tgt Ion:252 Resp: 29490

Ion Ratio Lower Upper

252 100

253 51.1 0.0 50.2#

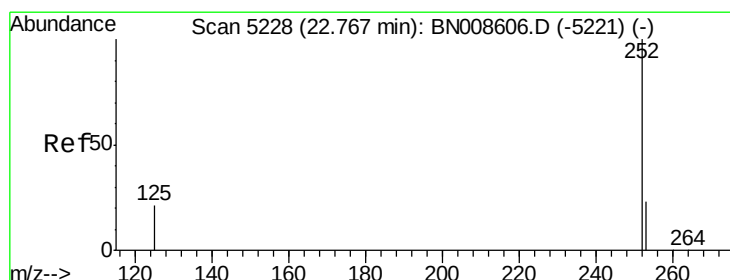
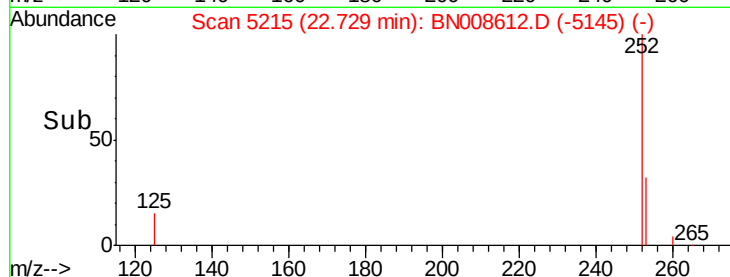
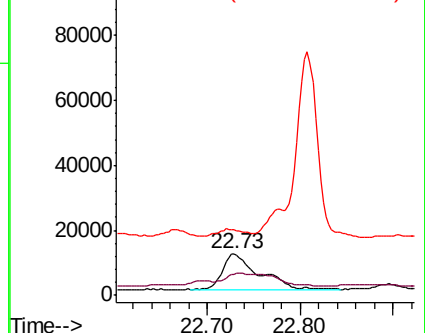
125 156.3 0.0 30.0#



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: 0.698 ng/ul

RT: 22.73 min Scan# 5215

Delta R.T. -0.04 min

Lab File: BN008612.D

Acq: 18 Nov 2019 20:07

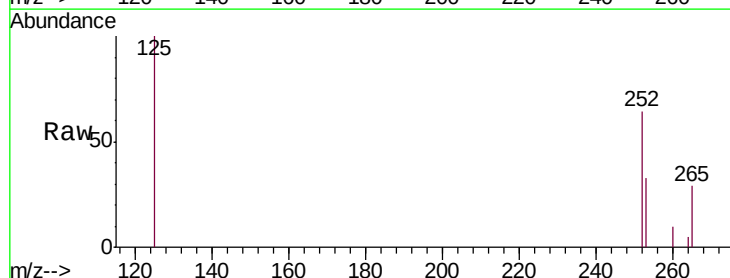
Tgt Ion:252 Resp: 29490

Ion Ratio Lower Upper

252 100

253 51.1 20.5 30.7#

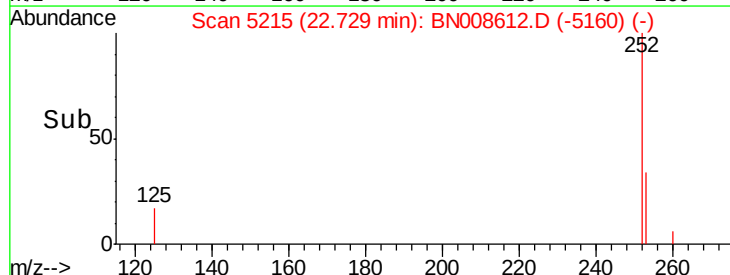
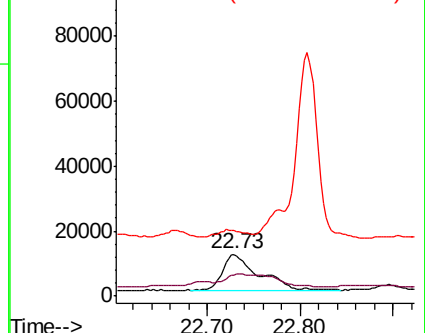
125 156.3 15.0 22.4#

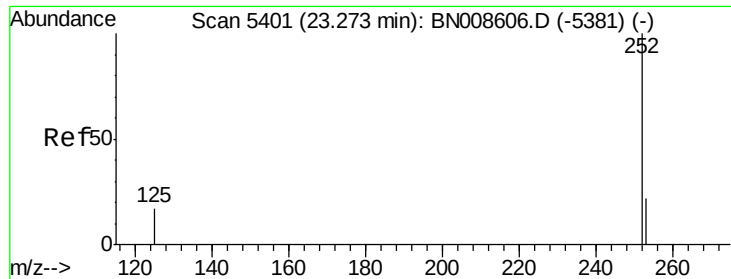


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.346 ng/ul

RT: 23.28 min Scan# 5404

Delta R.T. 0.01 min

Lab File: BN008612.D

Acq: 18 Nov 2019 20:07

Instrument :

BNA_N

ClientSampleId :

JLM97

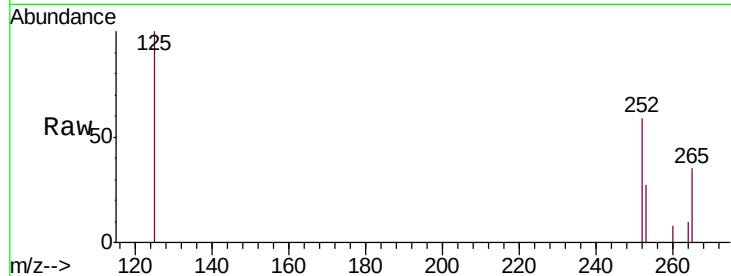
Tgt Ion: 252 Resp: 13823

Ion Ratio Lower Upper

252 100

253 46.7 21.4 32.2#

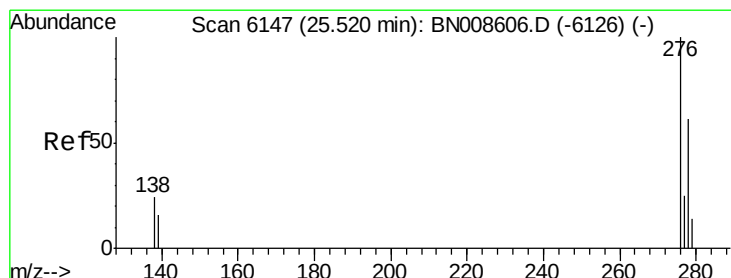
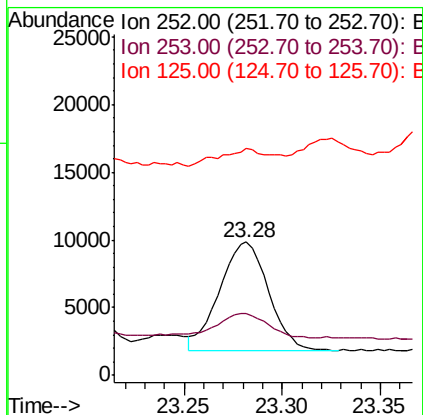
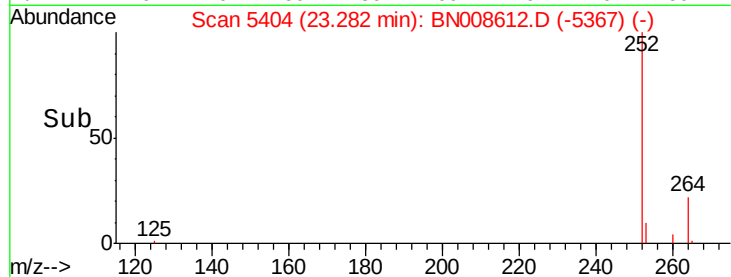
125 170.3 13.8 20.8#



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: 0.256 ng/ul

RT: 25.53 min Scan# 6150

Delta R.T. 0.01 min

Lab File: BN008612.D

Acq: 18 Nov 2019 20:07

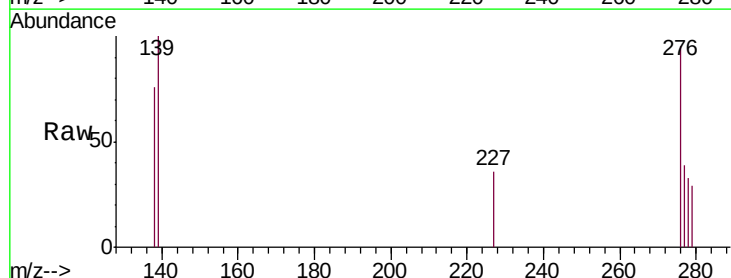
Tgt Ion: 276 Resp: 11949

Ion Ratio Lower Upper

276 100

138 33.5 21.7 32.5#

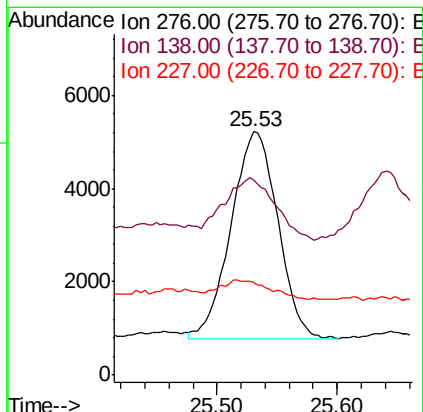
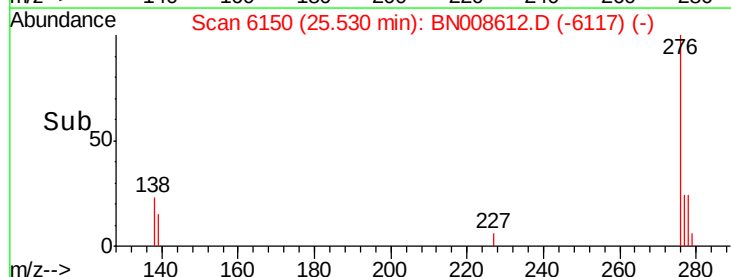
227 10.0 0.2 0.2#

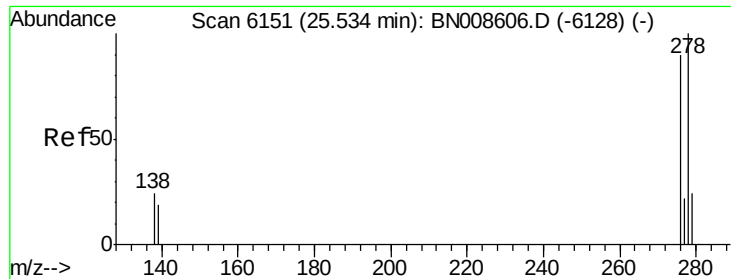


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.103 ng/ul

RT: 25.54 min Scan# 6153

Delta R.T. 0.01 min

Lab File: BN008612.D

Acq: 18 Nov 2019 20:07

Instrument :

BNA_N

ClientSampleId :

JLM97

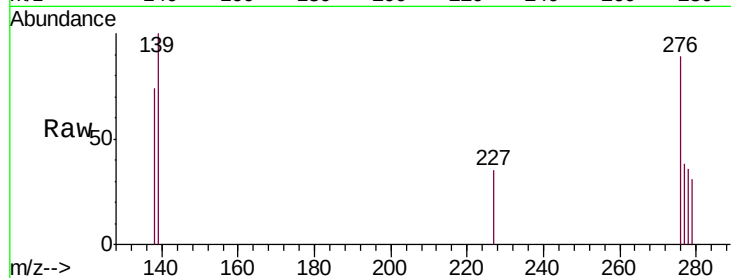
Tgt Ion:278 Resp: 3874

Ion Ratio Lower Upper

278 100

139 280.3 18.7 28.1#

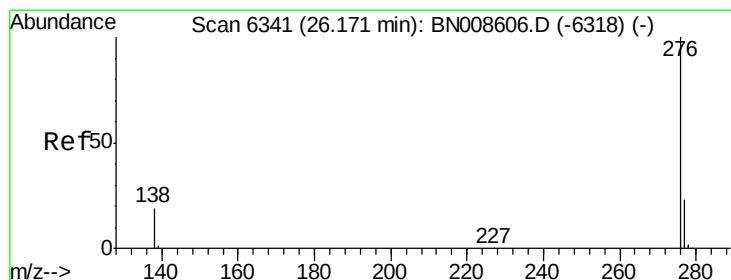
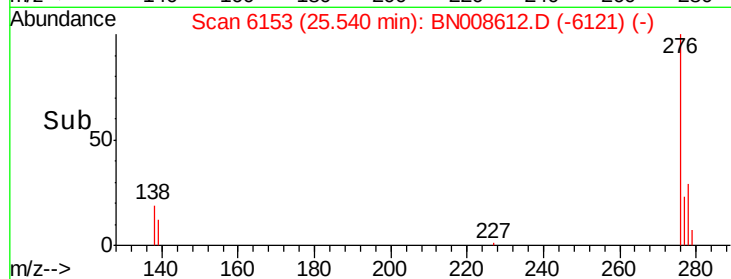
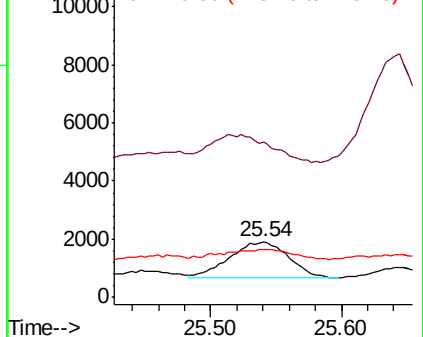
279 86.1 20.8 31.2#



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: 0.417 ng/ul

RT: 26.18 min Scan# 6345

Delta R.T. 0.01 min

Lab File: BN008612.D

Acq: 18 Nov 2019 20:07

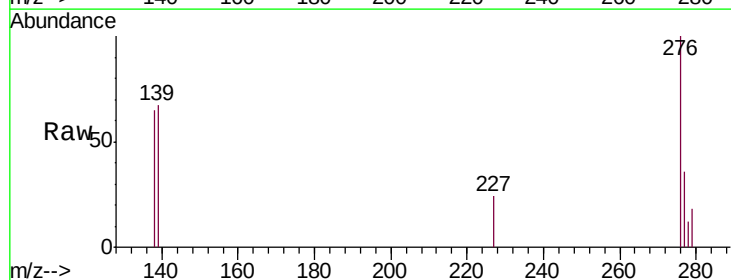
Tgt Ion:276 Resp: 16288

Ion Ratio Lower Upper

276 100

138 65.1 20.0 30.0#

277 35.8 20.0 30.0#



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

