

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071620\
 Data File : BM026783.D
 Acq On : 16 Jul 2020 12:50
 Operator : JU/CG
 Sample : PB130183BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK83

Quant Time: Jul 16 13:27:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 16 13:06:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	87549	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	355397	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	243882	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	563729	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	630687	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	665893	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.90	96	18537	6.36	ng/uL	0.00
5) Phenol-d5	6.52	99	311799	38.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	195451	36.04	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	235873	38.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	253387	39.51	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	101984	36.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	115173	38.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	221379	37.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.21	131	280478	45.39	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	739339	38.00	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	807887	34.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.22	143	97373	34.68	ng/ul	0.00
58) Fluorene-d10	14.98	176	612213	35.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	120530	34.22	ng/ul	0.00
71) Anthracene-d10	16.83	188	974602	35.11	ng/ul	0.00
79) Pyrene-d10	19.14	212	1145142	34.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	1316668	36.64	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	2.94	88	111	0.035	ng/uL#	35
4) Benzaldehyde	6.52	77	869	0.204	ng/ul#	8
8) Bis(2-Chloroethyl)ether	6.84	93	327	0.049	ng/ul#	1
20) Nitrobenzene	8.45	77	1175	0.133	ng/ul#	39
21) Isophorone	9.17	82	14340	0.962	ng/ul#	73
28) Naphthalene	10.21	128	127	0.006	ng/ul#	1
45) Dimethylphthalate	13.40	163	304	0.015	ng/ul#	1
59) Fluorene	14.97	166	1577	0.076	ng/ul#	11
61) 4-Nitroaniline	15.13	138	376	0.102	ng/ul#	1
65) N-Nitrosodiphenylamine	15.14	169	1141	0.061	ng/ul#	30
70) Phenanthrene	16.83	178	305	0.009	ng/ul#	1
72) Anthracene	16.83	178	305	0.009	ng/ul#	1
76) Di-n-butylphthalate	17.74	149	347	0.010	ng/ul#	78
80) Pyrene	19.14	202	1605	0.036	ng/ul#	1
81) Butylbenzylphthalate	20.11	149	168	0.011	ng/ul#	17
83) Benzo(a)anthracene	20.95	228	1773	0.041	ng/ul#	66
84) Bis(2-ethylhexyl)phthalate	20.91	149	1105	0.047	ng/ul#	97
85) Chrysene	20.95	228	1773	0.041	ng/ul#	64
87) Di-n-octyl phthalate	21.75	149	488	0.012	ng/ul	100
88) Benzo(b)fluoranthene	22.41	252	247	0.005	ng/ul#	1
89) Benzo(k)fluoranthene	22.45	252	291	0.006	ng/ul#	1
91) Benzo(a)pyrene	22.95	252	412	0.010	ng/ul#	1

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 13:06:40 2020
Response via : Initial Calibration

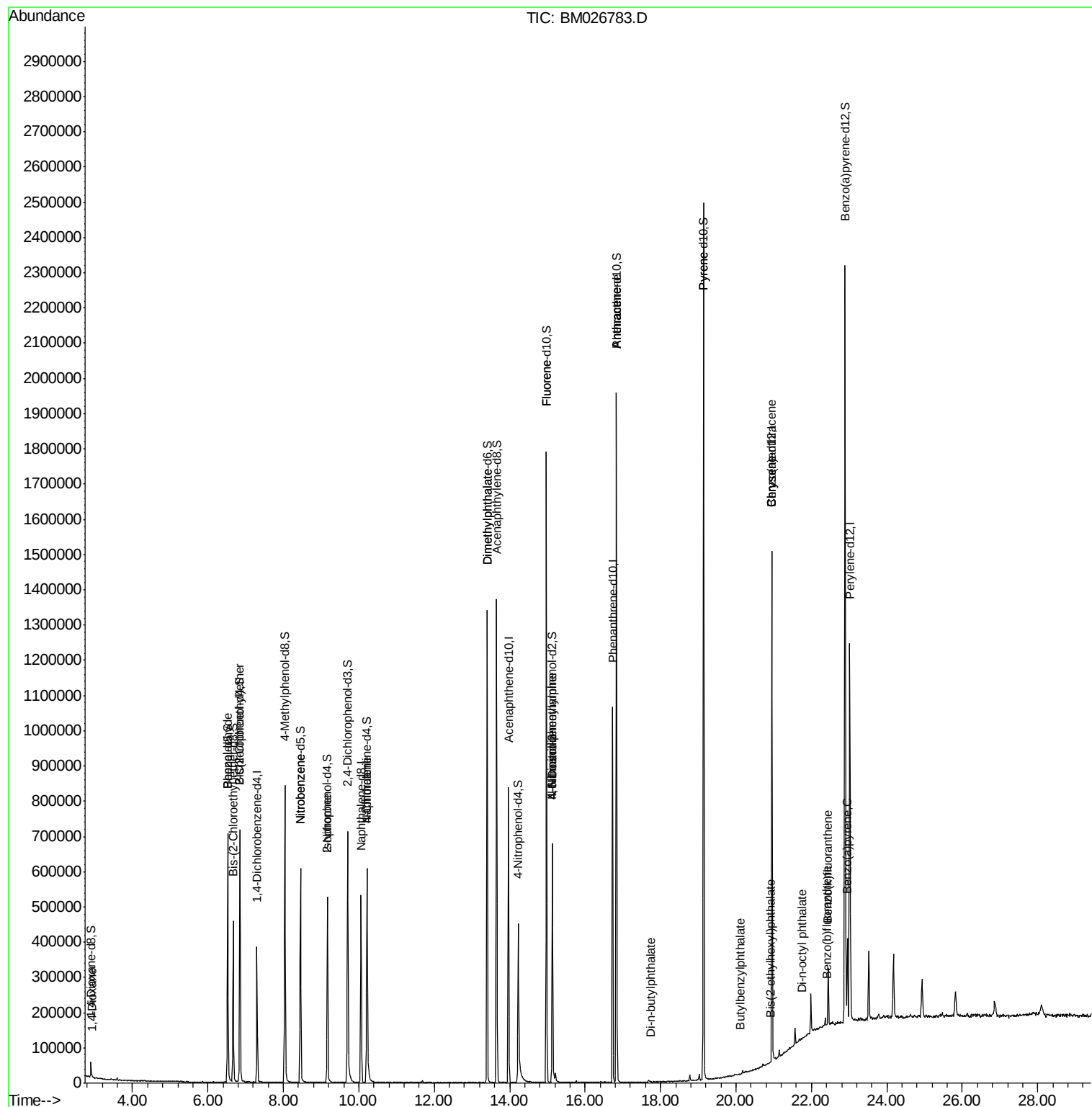
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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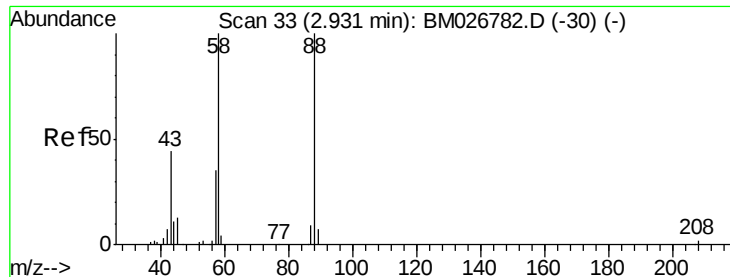
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.035 ng/uL

RT: 2.94 min Scan# 35

Delta R.T. 0.01 min

Lab File: BM026783.D

Acq: 16 Jul 2020 12:50

Instrument :

BNA_M

ClientSampleId :

SBLK83

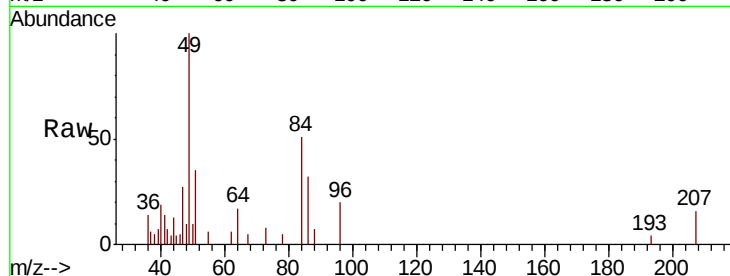
Tot Ion: 88 Resp: 111

Ion Ratio Lower Upper

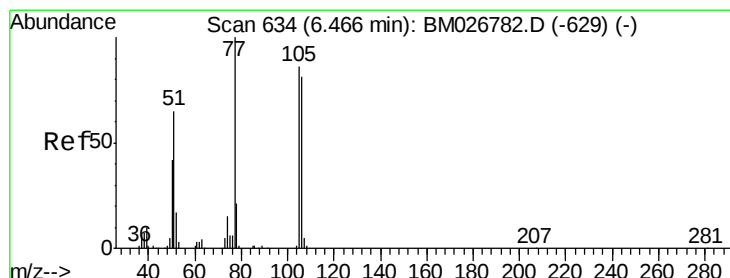
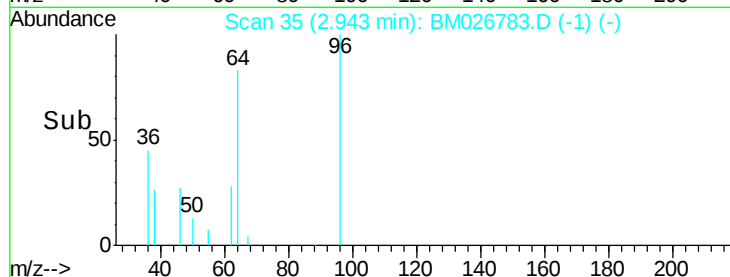
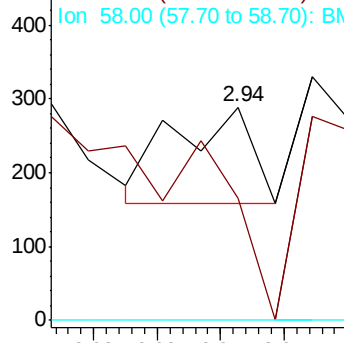
88 100

43 57.1 38.2 57.2

58 0.0 68.9 103.3#



Abundance Ion 88.00 (87.70 to 88.70): BM026783.D (-1) (-)



#4

Benzaldehyde

Concen: 0.204 ng/uL

RT: 6.52 min Scan# 643

Delta R.T. 0.05 min

Lab File: BM026783.D

Acq: 16 Jul 2020 12:50

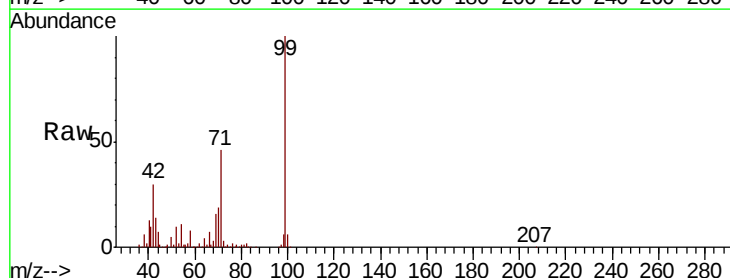
Tgt Ion: 77 Resp: 869

Ion Ratio Lower Upper

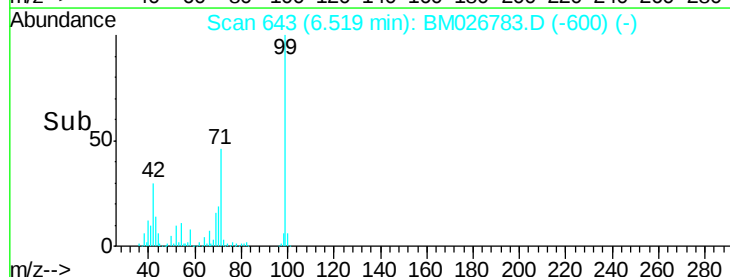
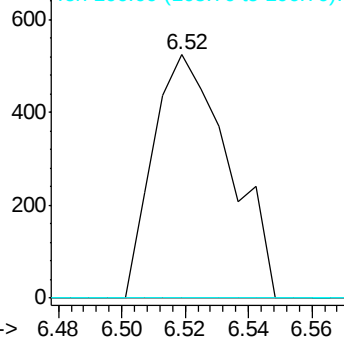
77 100

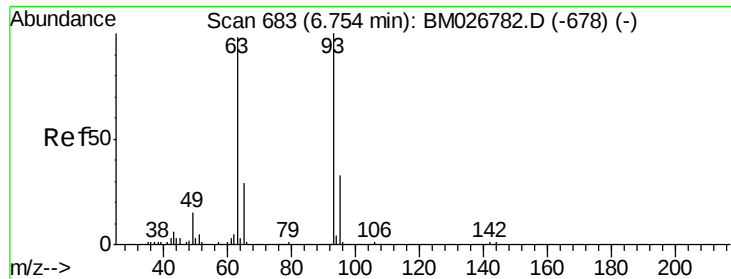
105 0.0 67.5 101.3#

106 0.0 66.2 99.4#



Abundance Ion 77.00 (76.70 to 77.70): BM026783.D (-600) (-)





#8

Bis(2-Chloroethyl)ether

Concen: 0.049 ng/ul

RT: 6.84 min Scan# 698

Delta R.T. 0.09 min

Lab File: BM026783.D

Acq: 16 Jul 2020 12:50

Instrument :

BNA_M

ClientSampleId :

SBLK83

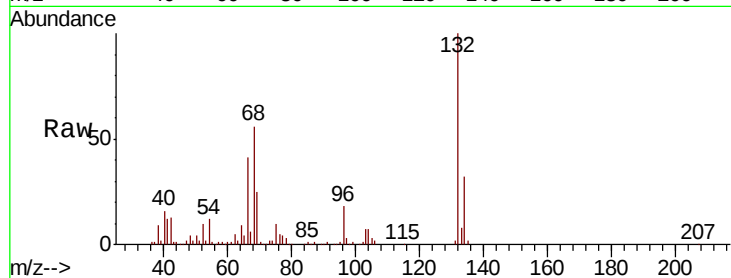
Tot Ion: 93 Resp: 327

Ion Ratio Lower Upper

93 100

63 874.2 75.5 113.3#

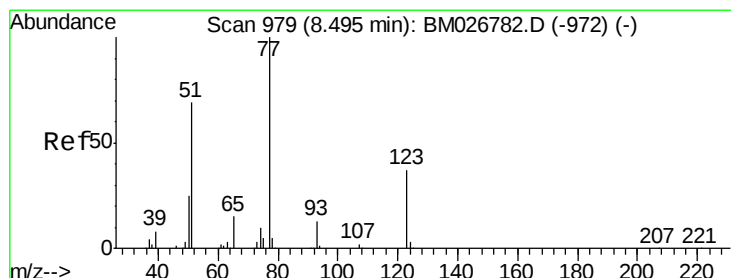
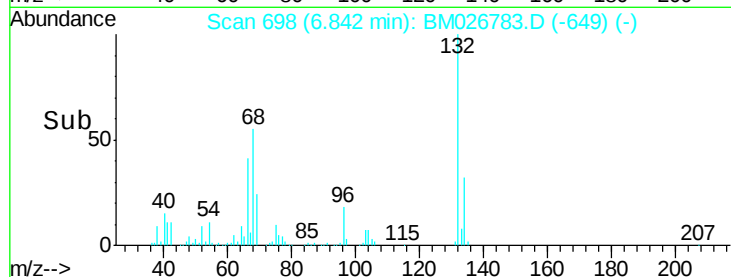
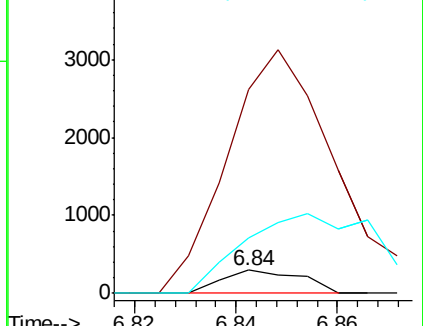
95 236.8 25.2 37.8#



Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 63.00 (62.70 to 63.70): BM0

Ion 95.00 (94.70 to 95.70): BM0



#20

Nitrobenzene

Concen: 0.133 ng/ul

RT: 8.45 min Scan# 972

Delta R.T. -0.04 min

Lab File: BM026783.D

Acq: 16 Jul 2020 12:50

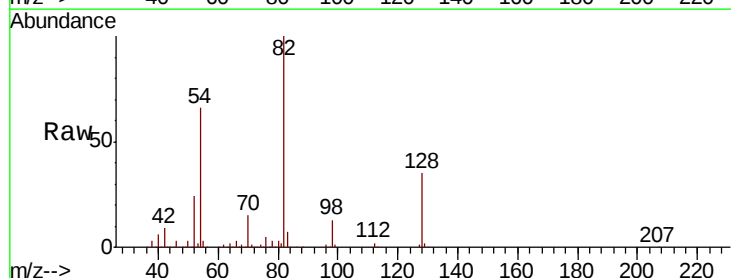
Tgt Ion: 77 Resp: 1175

Ion Ratio Lower Upper

77 100

123 0.0 29.8 44.8#

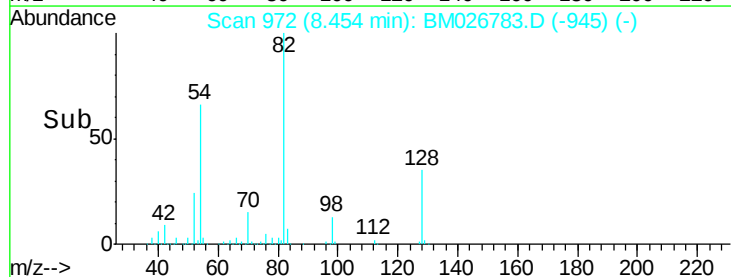
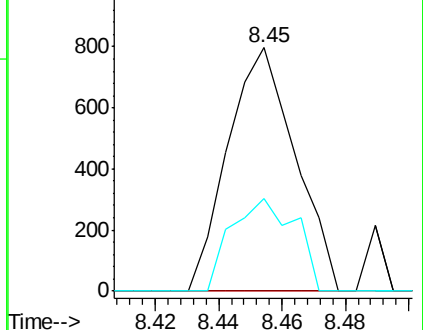
65 37.9 11.8 17.6#

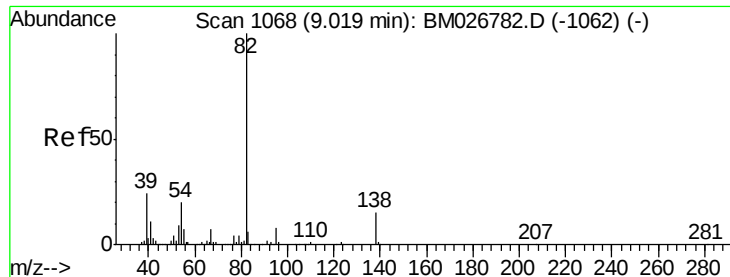


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 0.962 ng/ul

RT: 9.17 min Scan# 1093

Delta R.T. 0.15 min

Lab File: BM026783.D

Acq: 16 Jul 2020 12:50

Instrument :

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ClientSampleId :

SBLK83

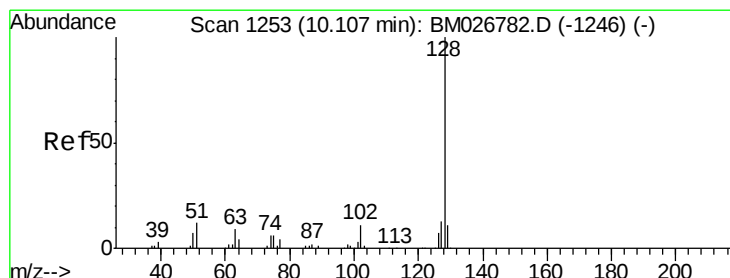
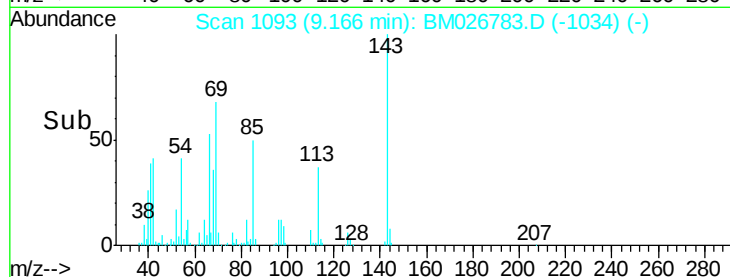
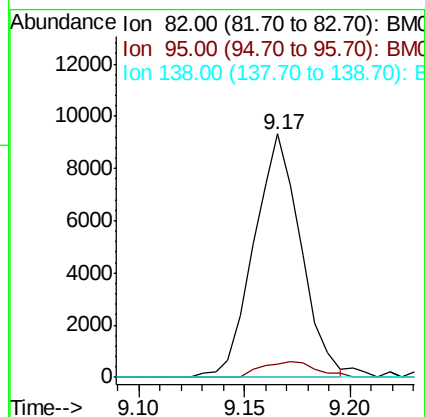
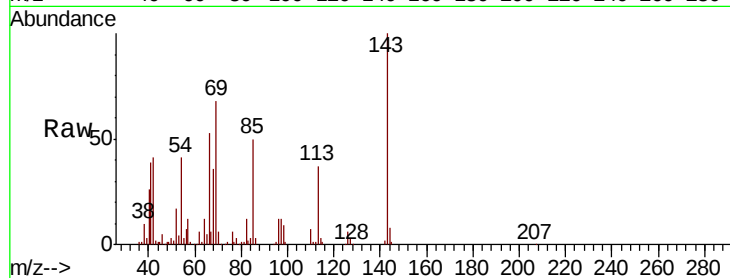
Tot Ion: 82 Resp: 14340

Ion Ratio Lower Upper

82 100

95 5.4 6.4 9.6#

138 0.0 12.2 18.4#



#28

Naphthalene

Concen: 0.006 ng/ul

RT: 10.21 min Scan# 1270

Delta R.T. 0.10 min

Lab File: BM026783.D

Acq: 16 Jul 2020 12:50

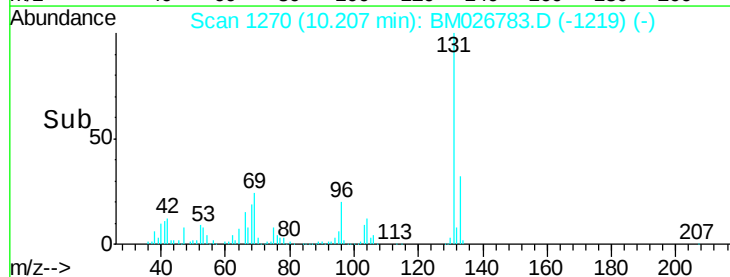
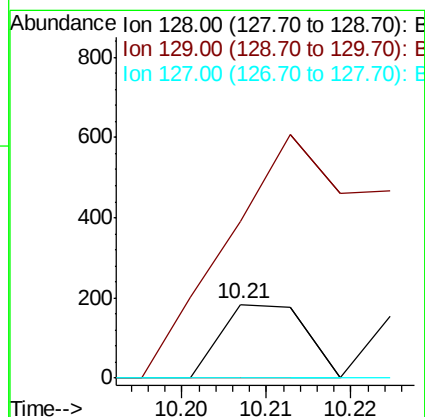
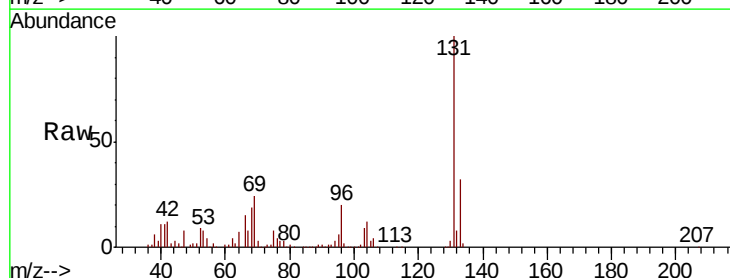
Tgt Ion: 128 Resp: 127

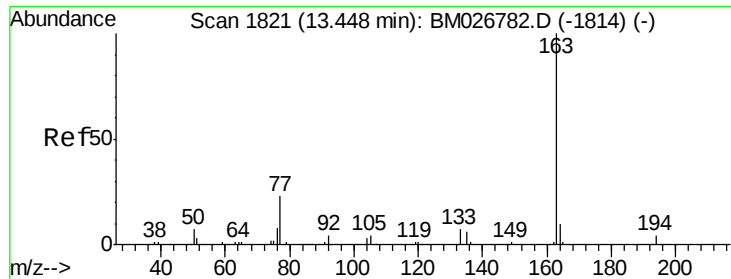
Ion Ratio Lower Upper

128 100

129 213.0 8.5 12.7#

127 0.0 10.6 15.8#





#45

Dimethylphthalate

Concen: 0.015 ng/ul

RT: 13.40 min Scan# 1813

Delta R.T. -0.05 min

Lab File: BM026783.D

Acq: 16 Jul 2020 12:50

Instrument :

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ClientSampleId :

SBLK83

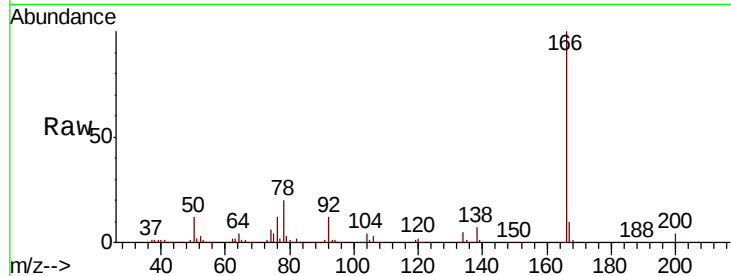
Tot Ion:163 Resp: 304

Ion Ratio Lower Upper

163 100

194 0.0 3.5 5.3#

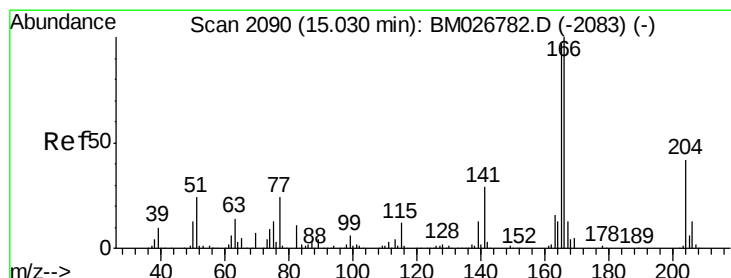
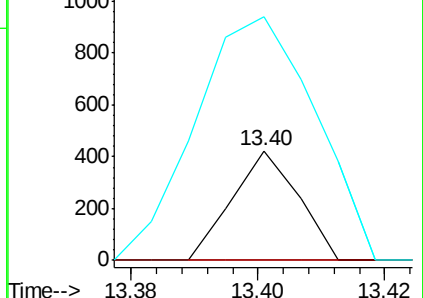
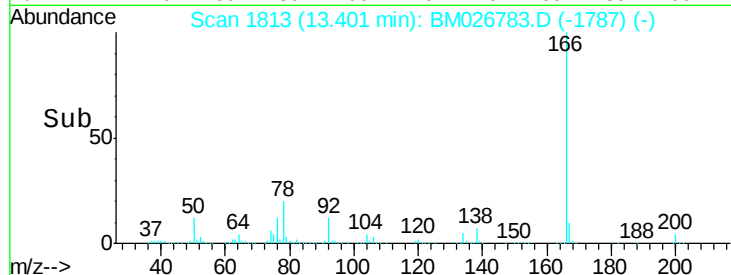
164 222.7 7.8 11.6#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#59

Fluorene

Concen: 0.076 ng/ul

RT: 14.97 min Scan# 2080

Delta R.T. -0.06 min

Lab File: BM026783.D

Acq: 16 Jul 2020 12:50

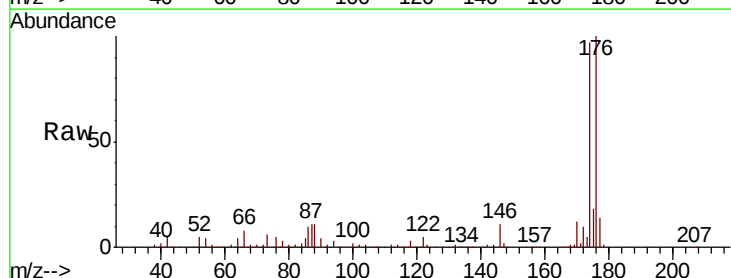
Tgt Ion:166 Resp: 1577

Ion Ratio Lower Upper

166 100

165 0.0 77.0 115.4#

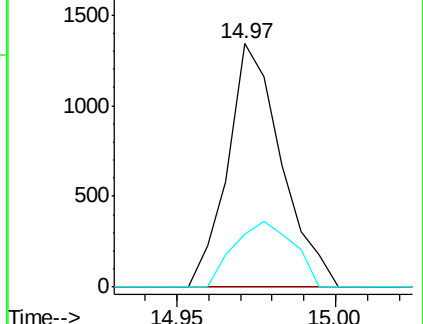
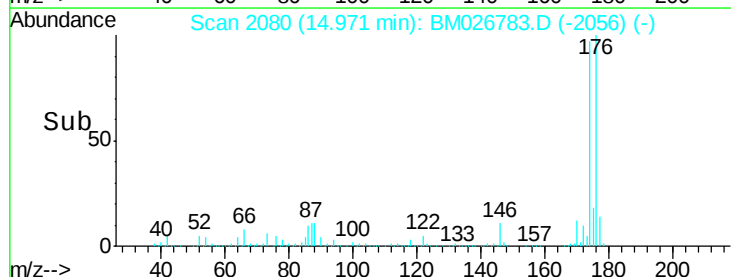
167 21.6 10.7 16.1#

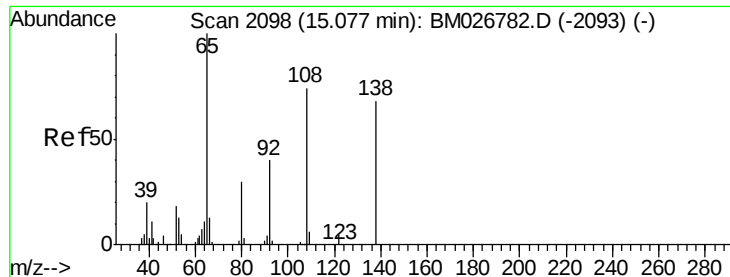


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

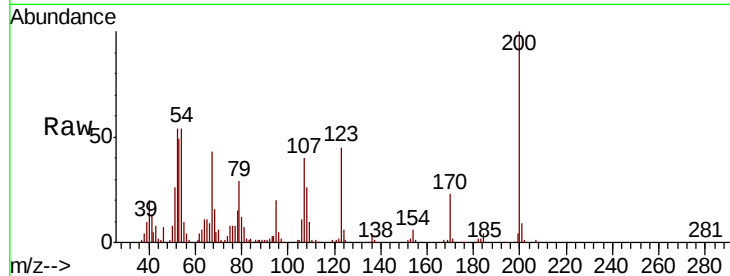




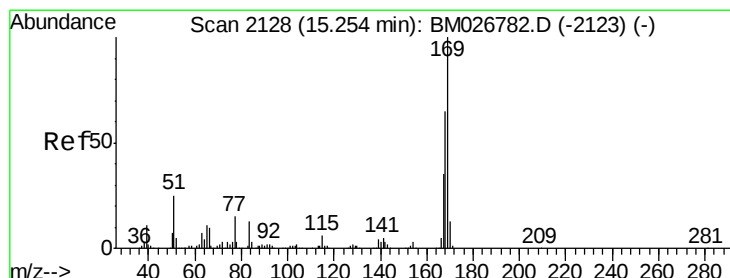
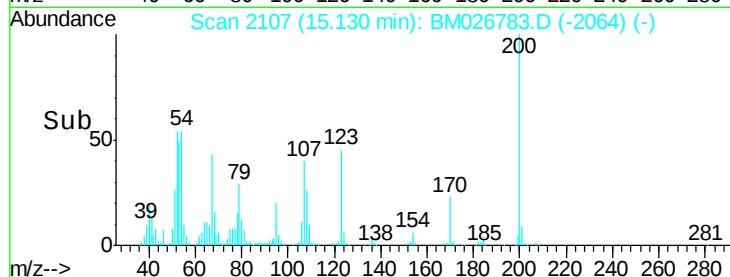
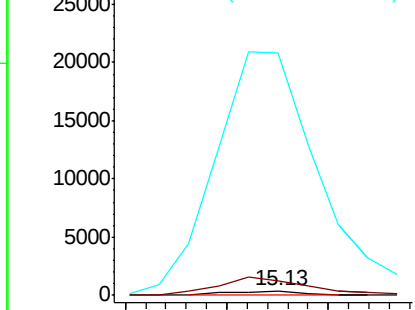
#61
4-Nitroaniline
Concen: 0.102 ng/ul
RT: 15.13 min Scan# 2107
Delta R.T. 0.05 min
Lab File: BM026783.D
Acq: 16 Jul 2020 12:50

Instrument :
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Tot Ion:138 Resp: 376
Ion Ratio Lower Upper
138 100
92 314.4 47.7 71.5#
108 5155.3 82.6 123.8#

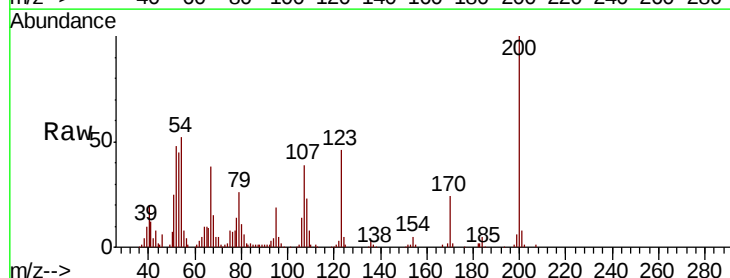


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E

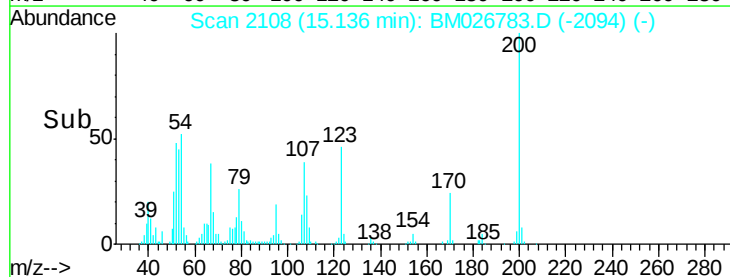
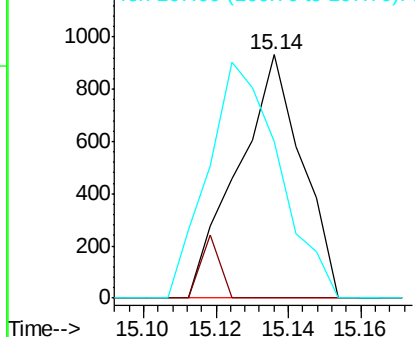


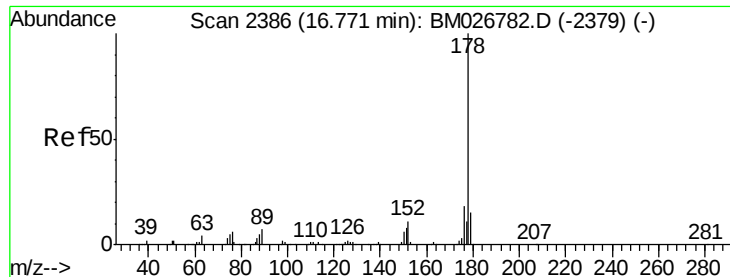
#65
N-Nitrosodiphenylamine
Concen: 0.061 ng/ul
RT: 15.14 min Scan# 2108
Delta R.T. -0.12 min
Lab File: BM026783.D
Acq: 16 Jul 2020 12:50

Tgt Ion:169 Resp: 1141
Ion Ratio Lower Upper
169 100
168 0.0 51.7 77.5#
167 64.2 28.4 42.6#



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 0.009 ng/ul

RT: 16.83 min Scan# 2396

Delta R.T. 0.06 min

Lab File: BM026783.D

Acq: 16 Jul 2020 12:50

Instrument :

BNA_M

ClientSampled :

SBLK83

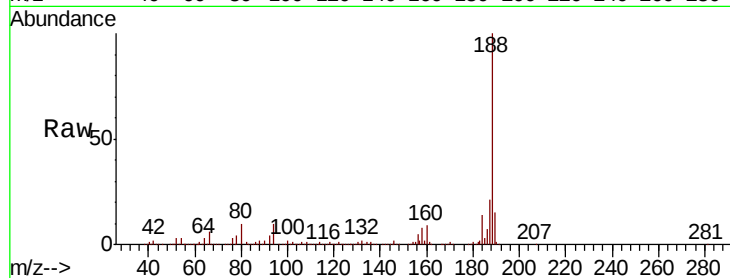
Tot Ion:178 Resp: 305

Ion Ratio Lower Upper

178 100

179 406.5 12.4 18.6#

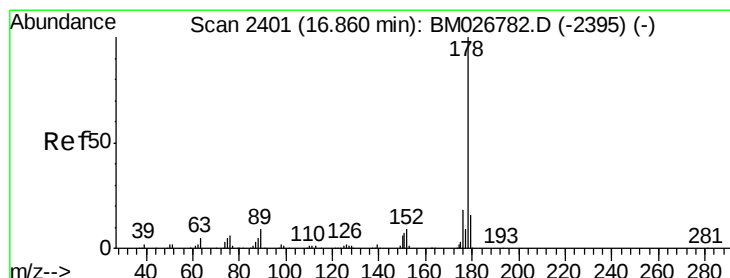
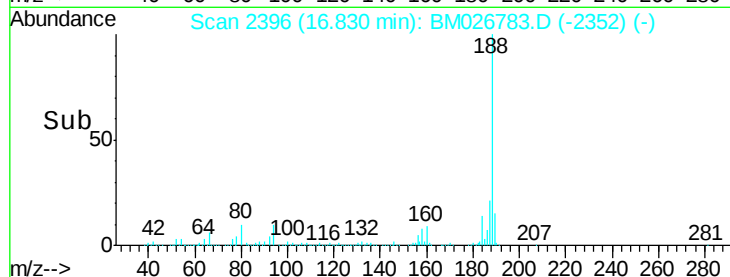
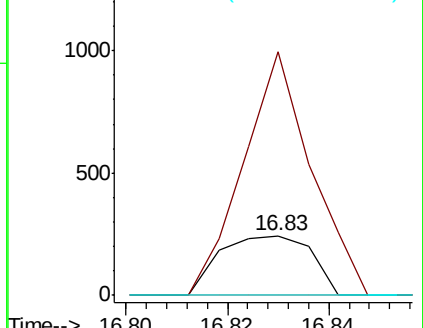
176 0.0 14.3 21.5#



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



#72

Anthracene

Concen: 0.009 ng/ul

RT: 16.83 min Scan# 2396

Delta R.T. -0.03 min

Lab File: BM026783.D

Acq: 16 Jul 2020 12:50

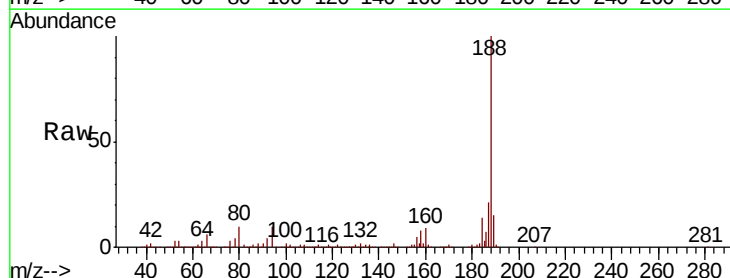
Tgt Ion:178 Resp: 305

Ion Ratio Lower Upper

178 100

179 406.5 11.8 17.6#

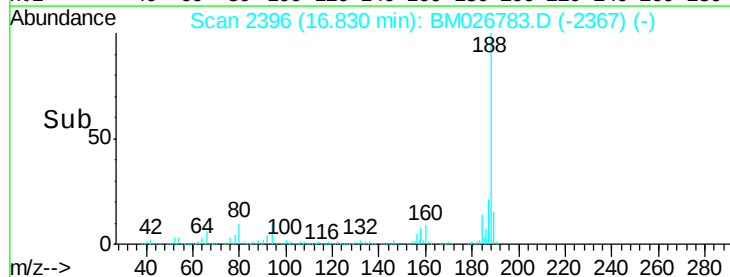
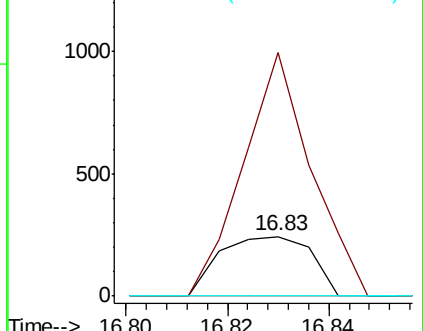
176 0.0 14.7 22.1#

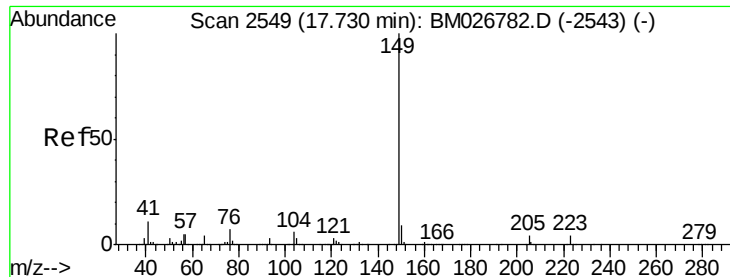


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

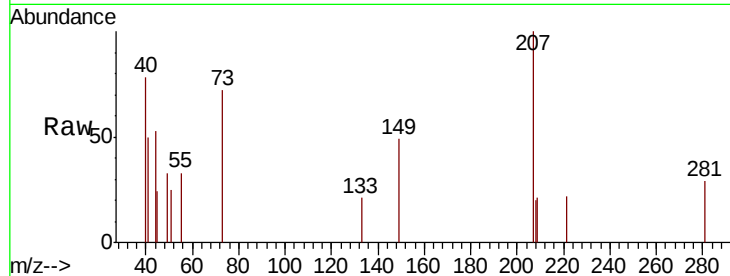




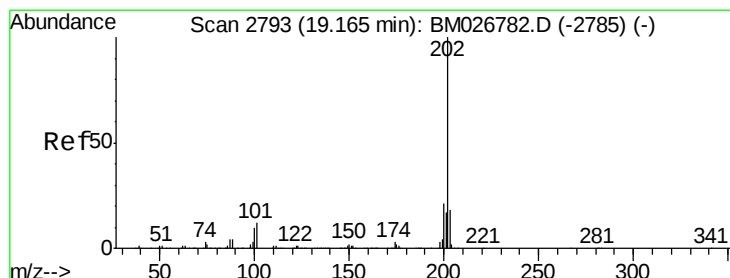
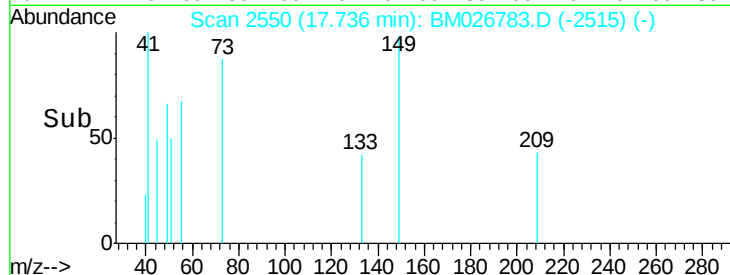
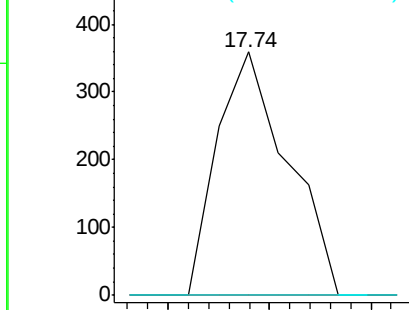
#76
Di-n-butylphthalate
Concen: 0.010 ng/ul
RT: 17.74 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BM026783.D
Acq: 16 Jul 2020 12:50

Instrument :
BNA_M
ClientSampleID :
SBLK83

Tot Ion:149 Resp: 347
Ion Ratio Lower Upper
149 100
150 0.0 7.1 10.7#
104 0.0 5.2 7.8#

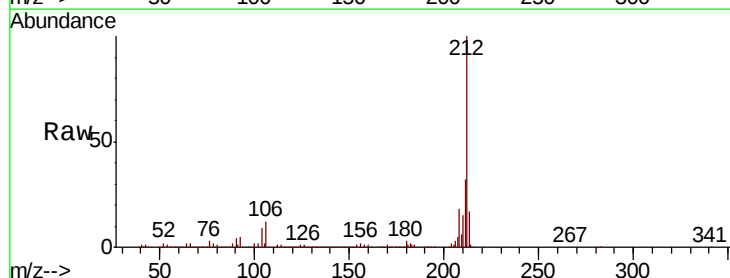


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

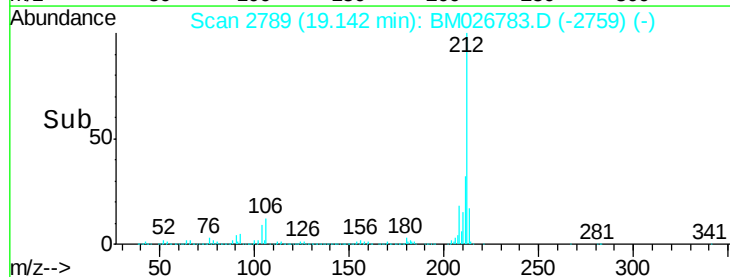
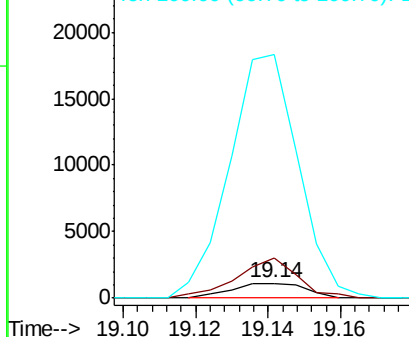


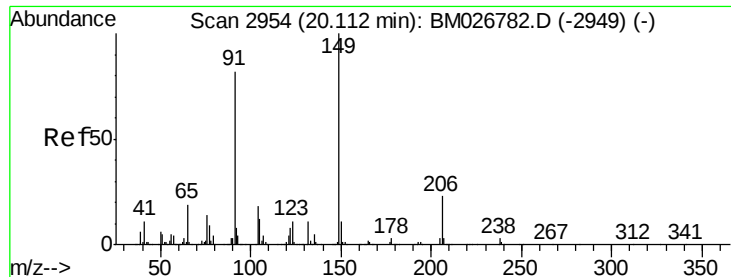
#80
Pyrene
Concen: 0.036 ng/ul
RT: 19.14 min Scan# 2789
Delta R.T. -0.02 min
Lab File: BM026783.D
Acq: 16 Jul 2020 12:50

Tgt Ion:202 Resp: 1605
Ion Ratio Lower Upper
202 100
101 265.4 9.4 14.2#
100 1621.2 8.0 12.0#



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

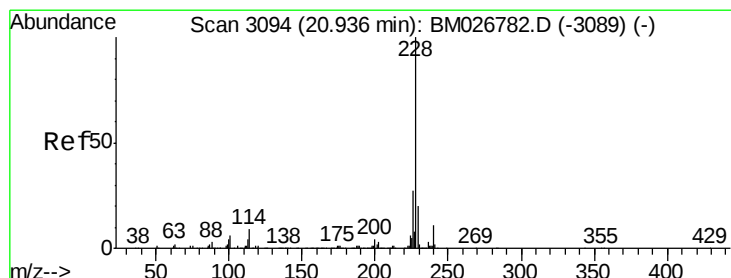
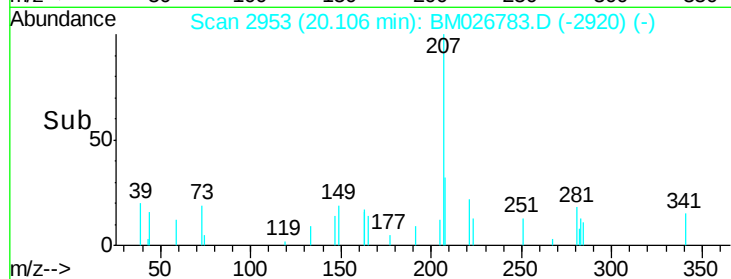
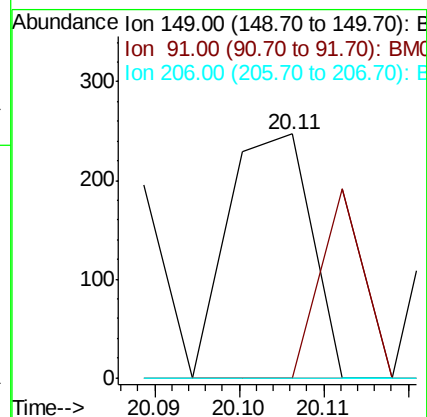
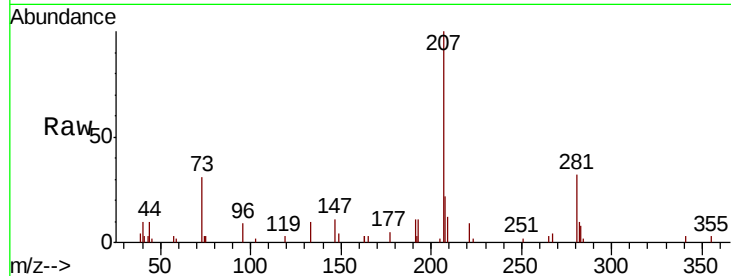




#81
Butylbenzylphthalate
Concen: 0.011 ng/ul
RT: 20.11 min Scan# 2953
Delta R.T. -0.01 min
Lab File: BM026783.D
Acq: 16 Jul 2020 12:50

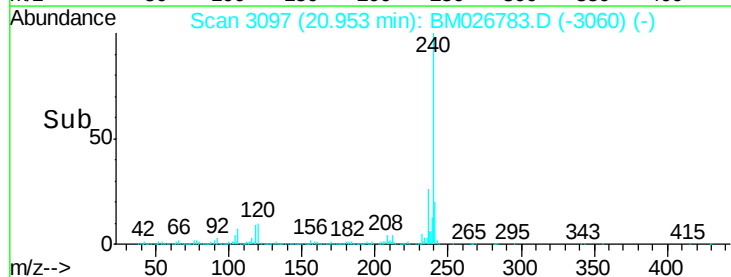
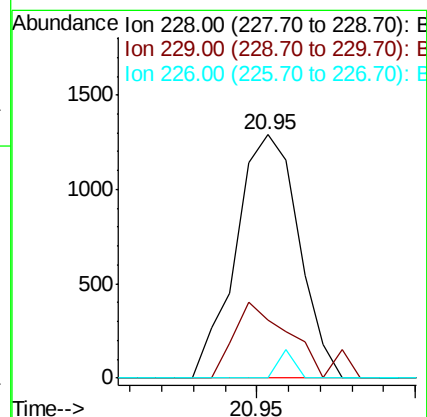
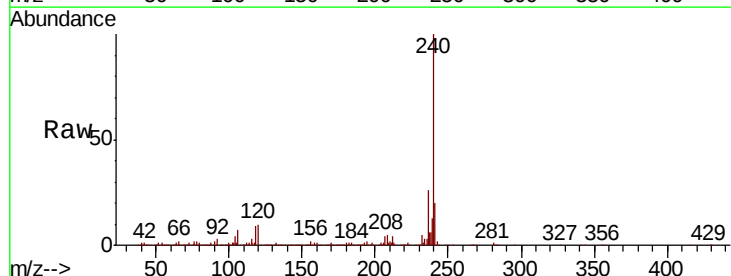
Instrument :
BNA_M
ClientSampleId :
SBLK83

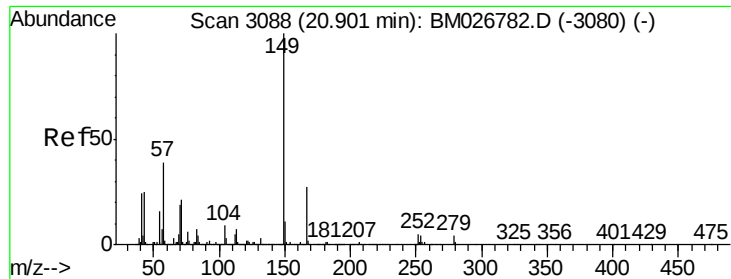
Tot Ion	Ratio	Lower	Upper
149	100		
91	0.0	66.4	99.6#
206	0.0	16.3	24.5#



#83
Benzo(a)anthracene
Concen: 0.041 ng/ul
RT: 20.95 min Scan# 3097
Delta R.T. 0.02 min
Lab File: BM026783.D
Acq: 16 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.5	15.4	23.0#
226	0.0	21.2	31.8#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.047 ng/ul

RT: 20.91 min Scan# 3089

Delta R.T. 0.01 min

Lab File: BM026783.D

Acq: 16 Jul 2020 12:50

Instrument :

BNA_M

ClientSampleId :

SBLK83

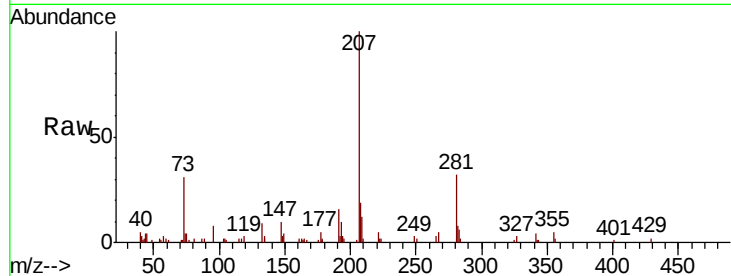
Tot Ion:149 Resp: 1105

Ion Ratio Lower Upper

149 100

167 28.2 22.1 33.1

279 0.0 3.6 5.4#

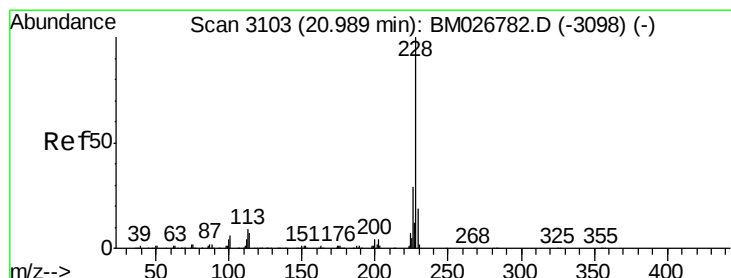
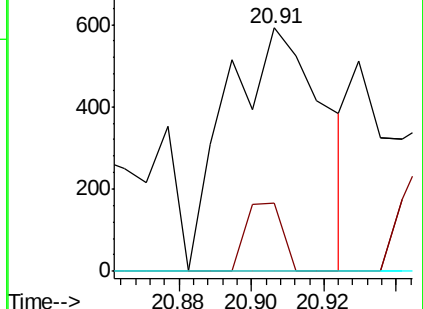
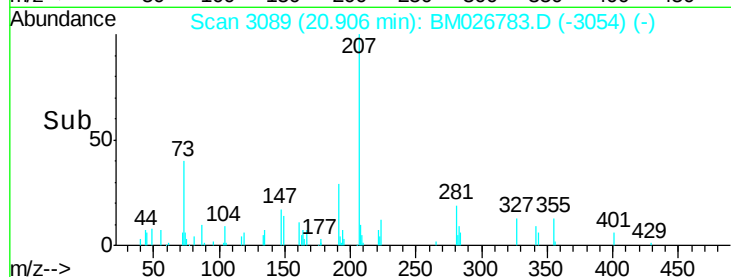


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->



#85

Chrysene

Concen: 0.041 ng/ul

RT: 20.95 min Scan# 3097

Delta R.T. -0.04 min

Lab File: BM026783.D

Acq: 16 Jul 2020 12:50

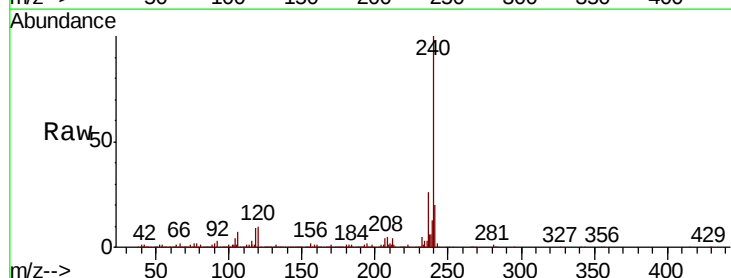
Tgt Ion:228 Resp: 1773

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

229 23.5 15.5 23.3#

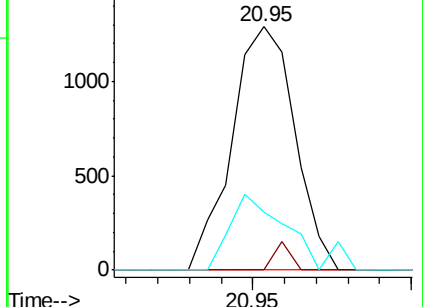
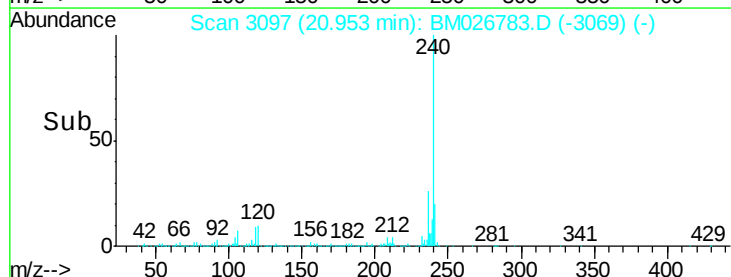


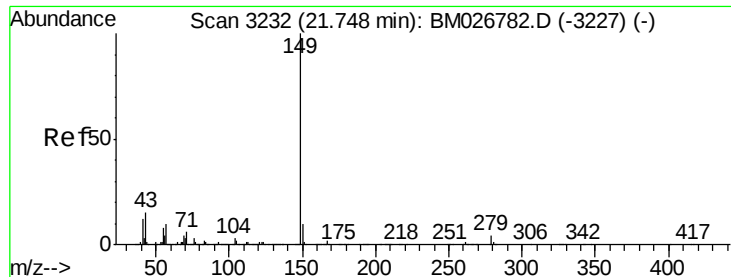
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->

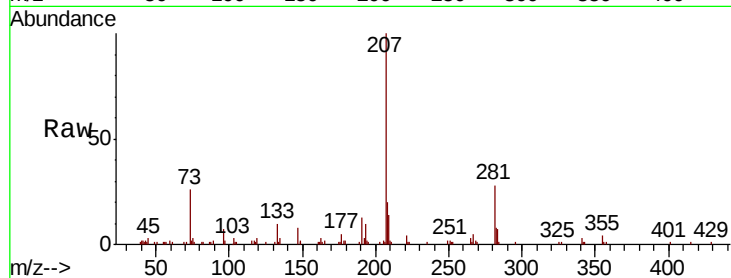




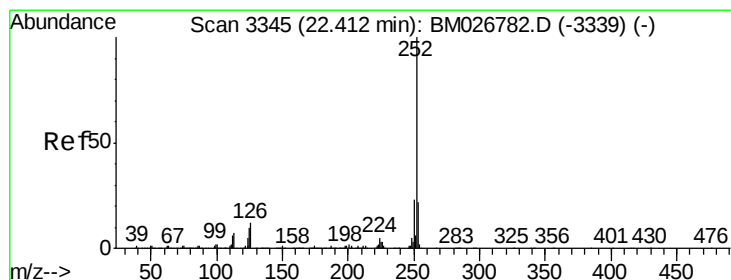
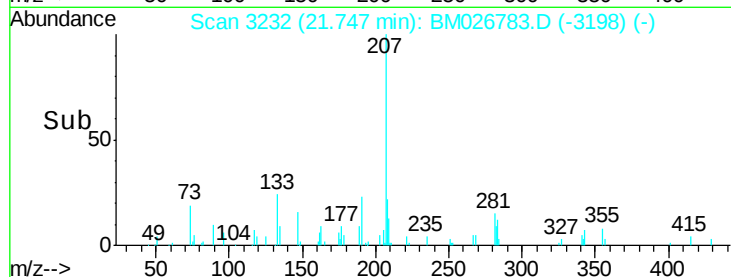
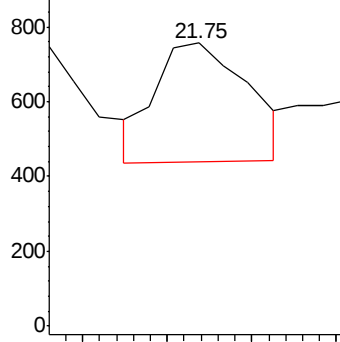
#87
Di-n-octyl phthalate
Concen: 0.012 ng/ul
RT: 21.75 min Scan# 3232
Delta R.T. -0.00 min
Lab File: BM026783.D
Acq: 16 Jul 2020 12:50

Instrument :
BNA_M
ClientSampleId :
SBLK83

Tgt Ion:149 Resp: 488

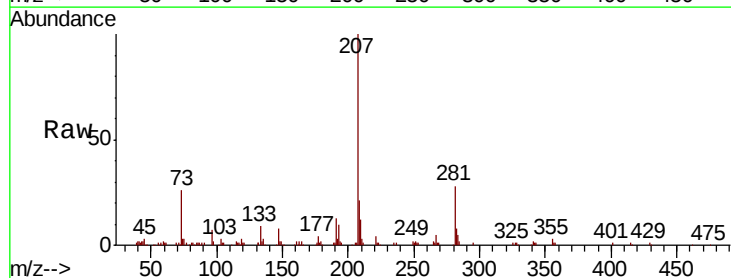


Abundance Ion 149.00 (148.70 to 149.70): E

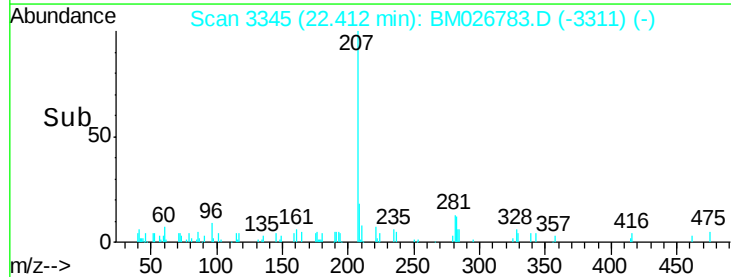
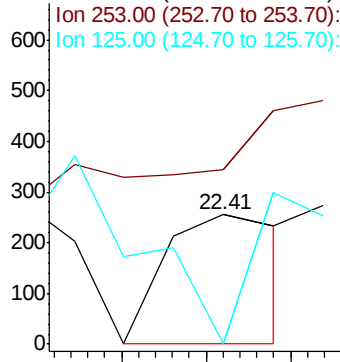


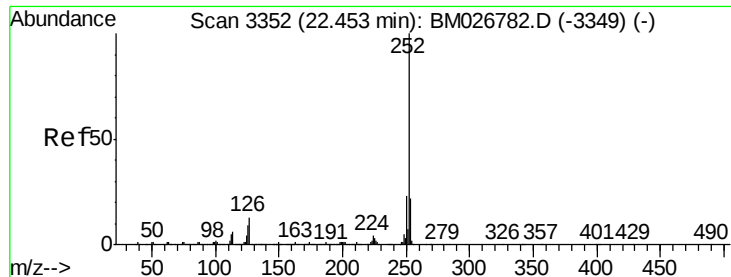
#88
Benzo(b)fluoranthene
Concen: 0.005 ng/ul
RT: 22.41 min Scan# 3345
Delta R.T. -0.00 min
Lab File: BM026783.D
Acq: 16 Jul 2020 12:50

Tgt Ion:252 Resp: 247
Ion Ratio Lower Upper
252 100
253 135.3 17.2 25.8#
125 0.0 7.6 11.4#



Abundance Ion 252.00 (251.70 to 252.70): E





#89

Benzo(k)fluoranthene

Concen: 0.006 ng/ul

RT: 22.45 min Scan# 3351

Delta R.T. -0.01 min

Lab File: BM026783.D

Acq: 16 Jul 2020 12:50

Instrument :

BNA_M

ClientSampleId :

SBLK83

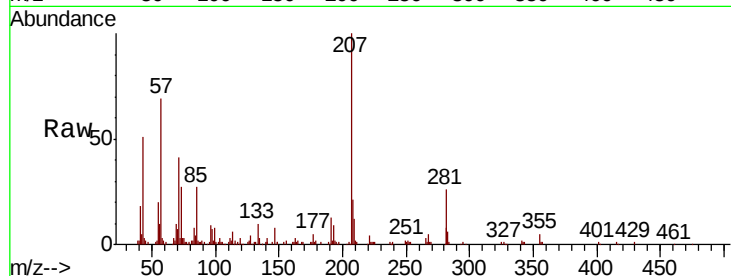
Tot Ion:252 Resp: 291

Ion Ratio Lower Upper

252 100

253 62.2 17.1 25.7#

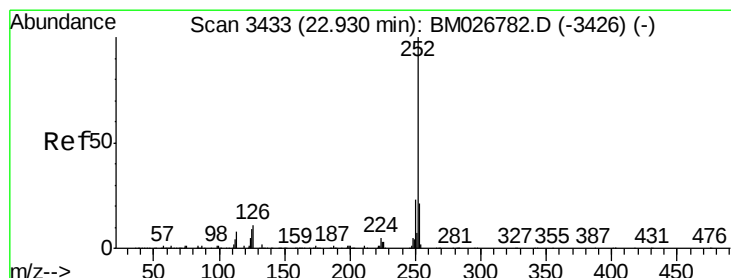
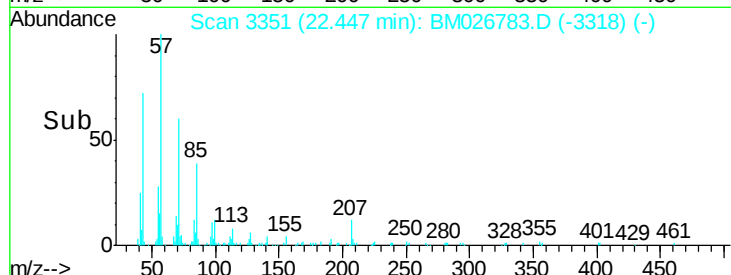
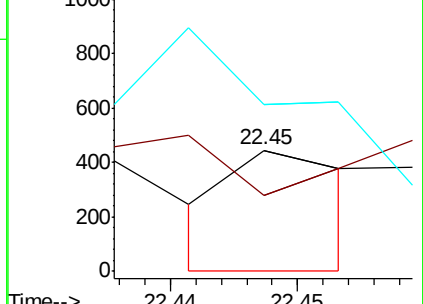
125 138.0 7.7 11.5#



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



#91

Benzo(a)pyrene

Concen: 0.010 ng/ul

RT: 22.95 min Scan# 3437

Delta R.T. 0.02 min

Lab File: BM026783.D

Acq: 16 Jul 2020 12:50

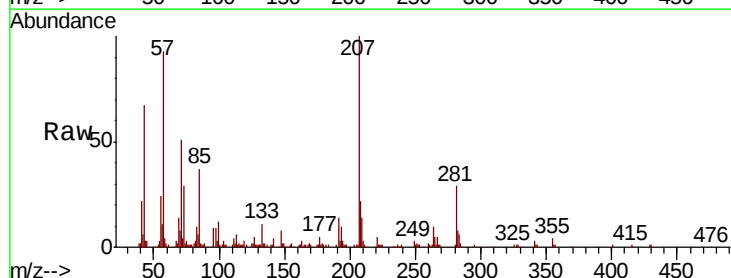
Tgt Ion:252 Resp: 412

Ion Ratio Lower Upper

252 100

253 151.6 17.4 26.0#

125 228.1 7.5 11.3#



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

