

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052120\
 Data File : BM026073.D
 Acq On : 22 May 2020 00:58
 Operator : MA/SJ
 Sample : L2725-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 22 01:56:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 21 10:18:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	145818	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	627905	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	376694	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	844201	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	893889	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	933972	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	24894	5.15	ng/uL	0.00
5) Phenol-d5	6.69	99	99698	7.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	257653	28.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	251334	24.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	173074	17.36	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	147775	28.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	157889	31.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	272163	26.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	2748	0.27	ng/ul	0.02
44) Dimethylphthalate-d6	13.56	166	853339	28.25	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1006913	28.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	35336	6.61	ng/ul	0.00
58) Fluorene-d10	15.14	176	737398	28.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	126774	25.76	ng/ul	0.00
71) Anthracene-d10	16.99	188	1159968	27.88	ng/ul	0.00
79) Pyrene-d10	19.29	212	1309483	28.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1195636	24.05	ng/ul	0.00

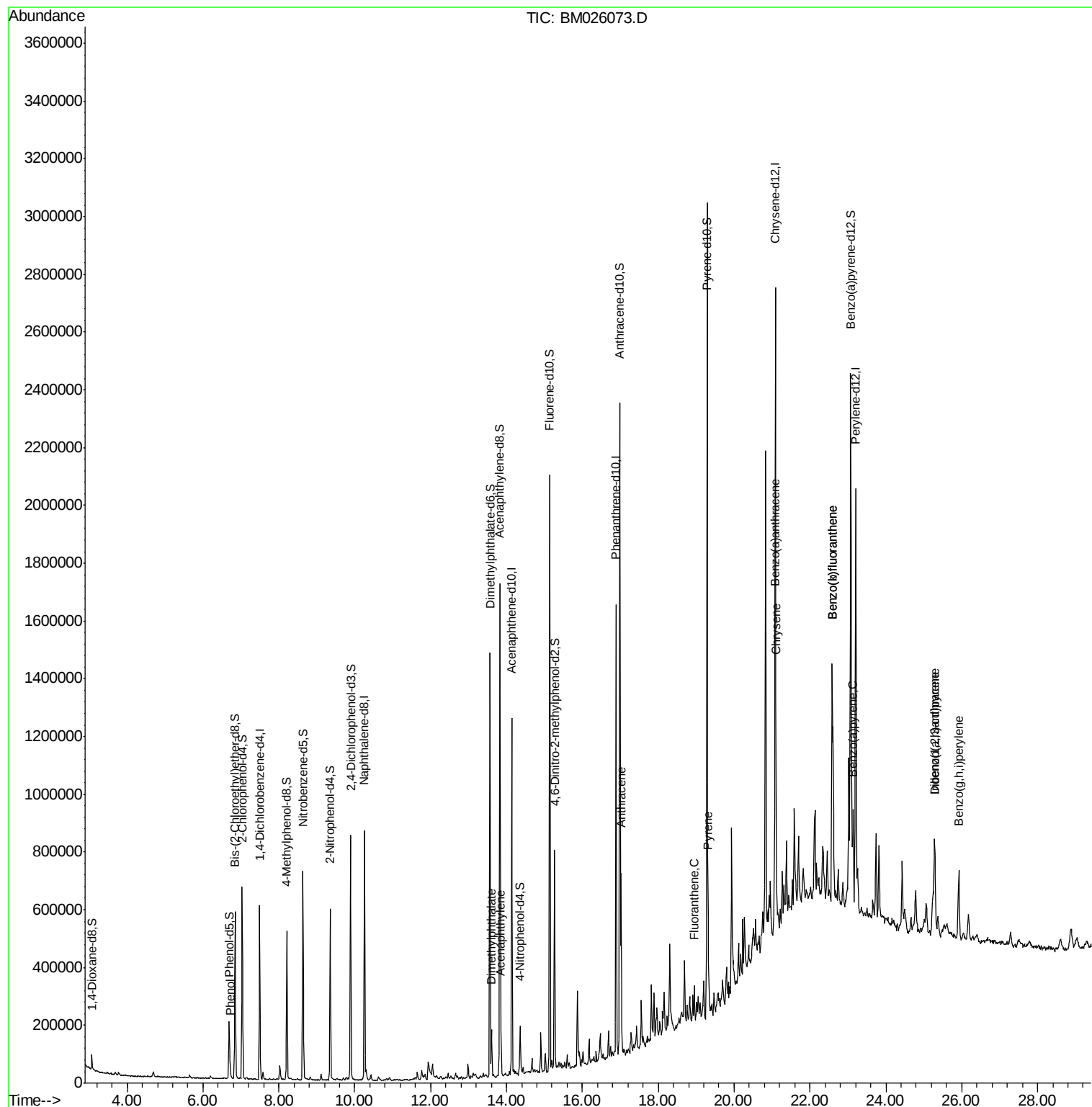
Target Compounds				Ovalue		
6) Phenol	6.72	94	19878	1.341	ng/ul	96
45) Dimethylphthalate	13.61	163	89086	2.809	ng/ul	99
48) Acenaphthylene	13.86	152	87313	2.222	ng/ul	98
72) Anthracene	17.02	178	348040	6.524	ng/ul	99
77) Fluoranthene	18.95	202	67492	1.210	ng/ul	98
80) Pyrene	19.32	202	212197	3.381	ng/ul	99
83) Benzo(a)anthracene	21.07	228	62346	1.012	ng/ul#	75
85) Chrysene	21.10	228	135479	2.212	ng/ul	95
88) Benzo(b)fluoranthene	22.58	252	552405	8.744	ng/ul	97
89) Benzo(k)fluoranthene	22.58	252	552405	8.754	ng/ul	97
91) Benzo(a)pyrene	23.11	252	190430	3.425	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.29	276	280876	3.893	ng/ul	95
93) Dibenzo(a,h)anthracene	25.29	278	70252	1.150	ng/ul#	83
94) Benzo(g,h,i)perylene	25.92	276	246868	4.099	ng/ul	96

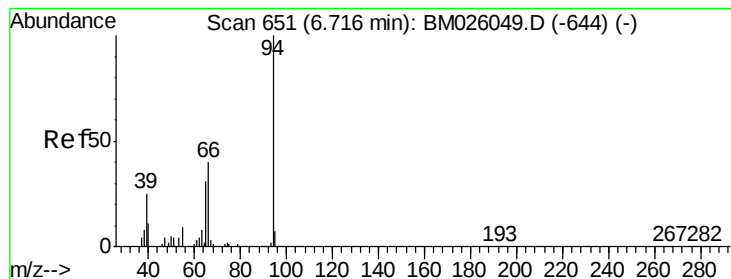
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu May 21 10:18:34 2020
Response via : Initial Calibration





#6

Phenol

Concen: 1.341 ng/ul

RT: 6.72 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM026073.D

Acq: 22 May 2020 00:58

Instrument :

BNA_M

ClientSampleId :

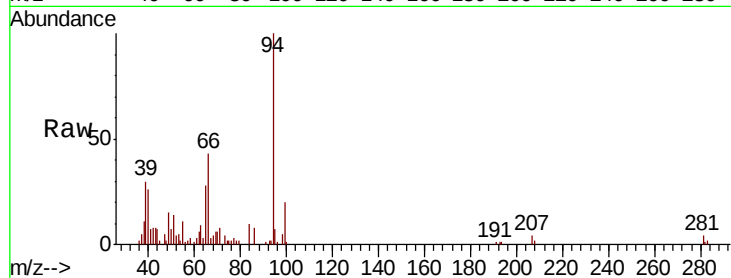
Tot Ion: 94 Resp: 19878

Ion Ratio Lower Upper

94 100

65 28.3 25.8 38.8

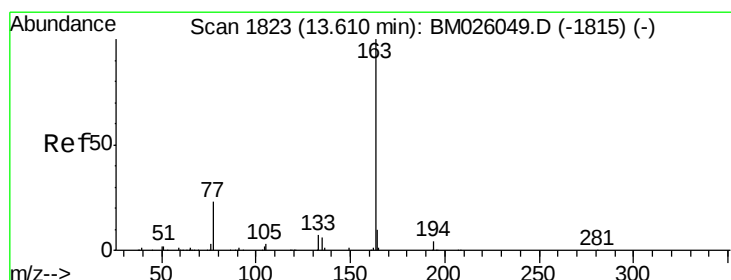
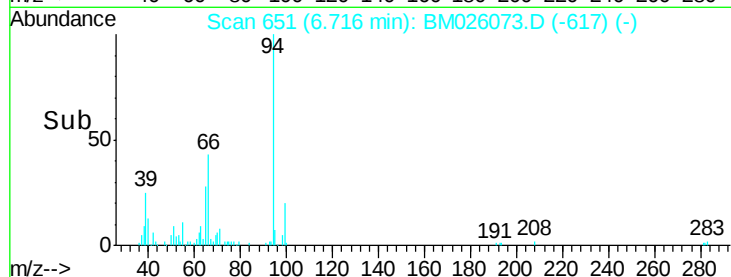
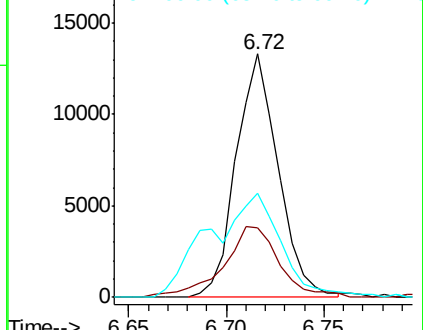
66 42.8 33.3 49.9



Abundance Ion 94.00 (93.70 to 94.70): BM026049.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BM026049.D (-644) (-)

Ion 66.00 (65.70 to 66.70): BM026049.D (-644) (-)



#45

Dimethylphthalate

Concen: 2.809 ng/ul

RT: 13.61 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BM026073.D

Acq: 22 May 2020 00:58

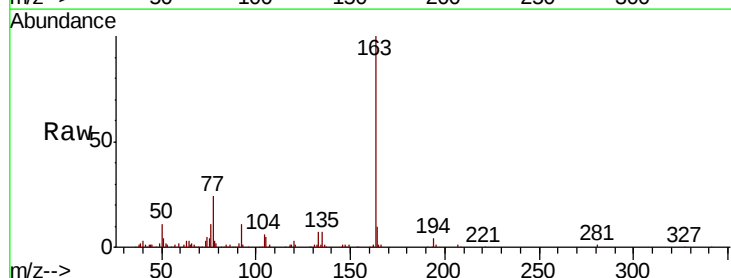
Tgt Ion: 163 Resp: 89086

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

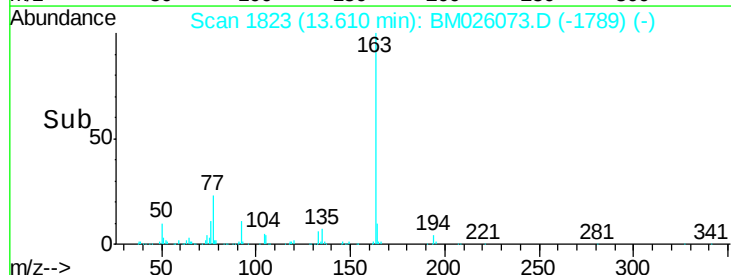
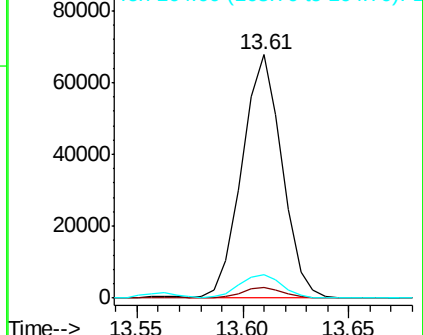
164 9.5 8.0 12.0

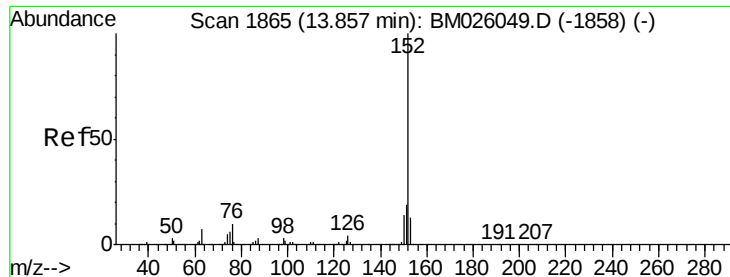


Abundance Ion 163.00 (162.70 to 163.70): BM026049.D (-1815) (-)

Ion 194.00 (193.70 to 194.70): BM026049.D (-1815) (-)

Ion 164.00 (163.70 to 164.70): BM026049.D (-1815) (-)





#48

Acenaphthylene

Concen: 2.222 ng/ul

RT: 13.86 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BM026073.D

Acq: 22 May 2020 00:58

Instrument :

BNA_M

ClientSampleId :

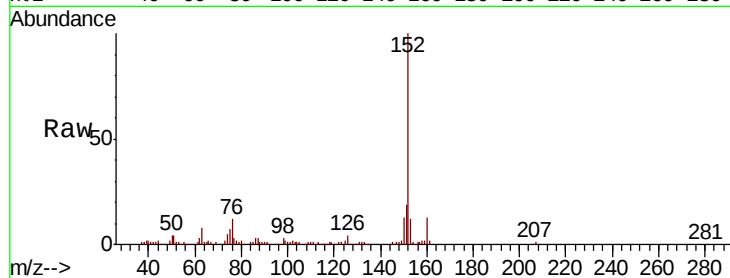
Tot Ion:152 Resp: 87313

Ion Ratio Lower Upper

152 100

151 18.8 15.7 23.5

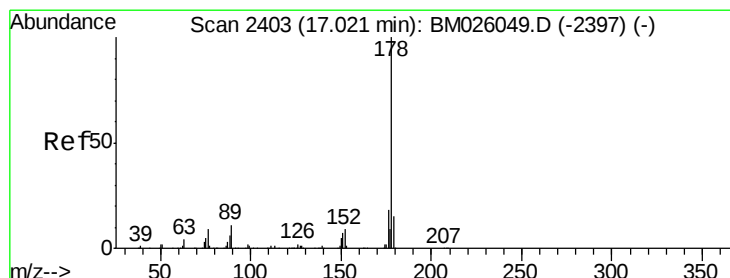
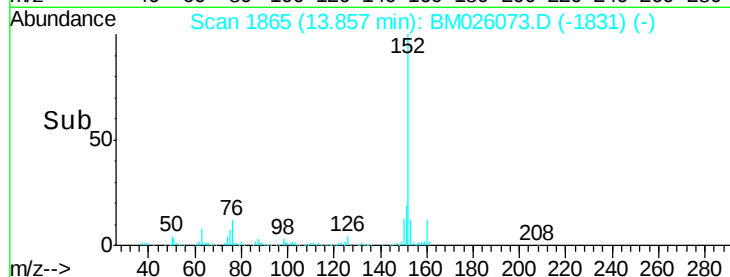
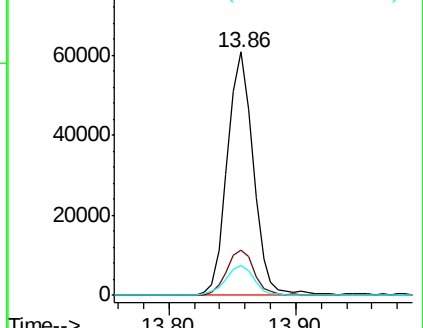
153 12.0 10.2 15.2



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



#72

Anthracene

Concen: 6.524 ng/ul

RT: 17.02 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BM026073.D

Acq: 22 May 2020 00:58

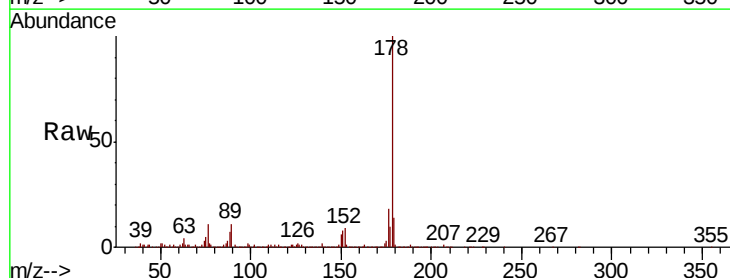
Tgt Ion:178 Resp: 348040

Ion Ratio Lower Upper

178 100

179 14.5 12.2 18.4

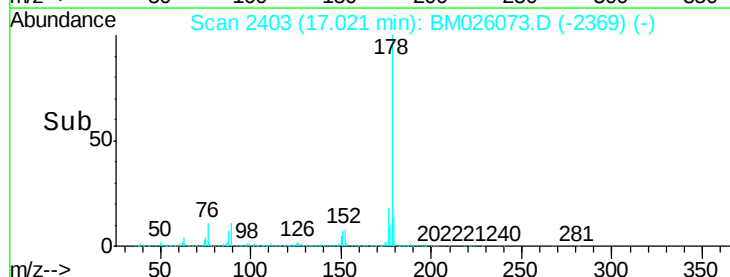
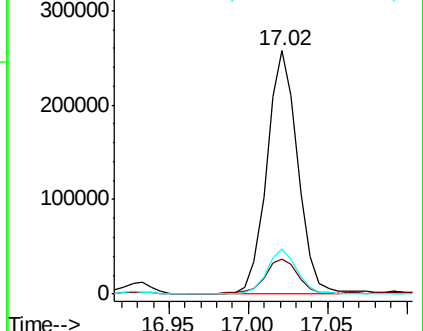
176 18.4 14.9 22.3

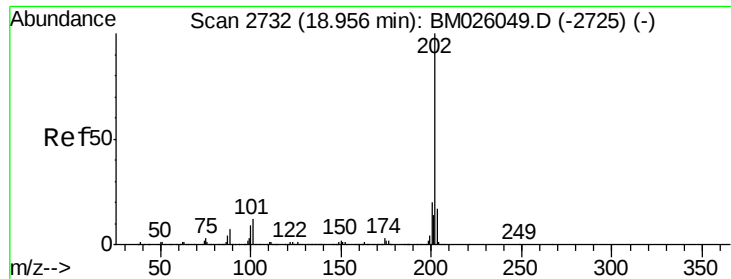


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

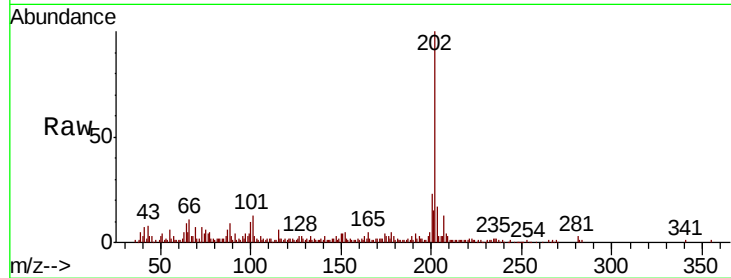




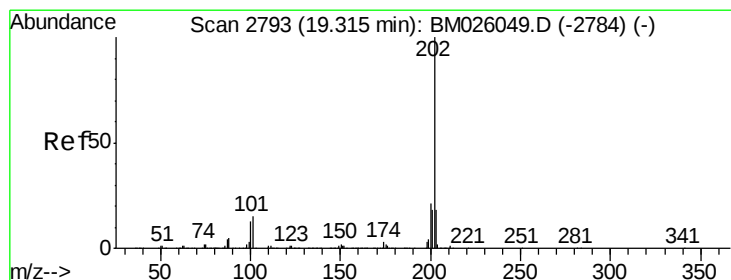
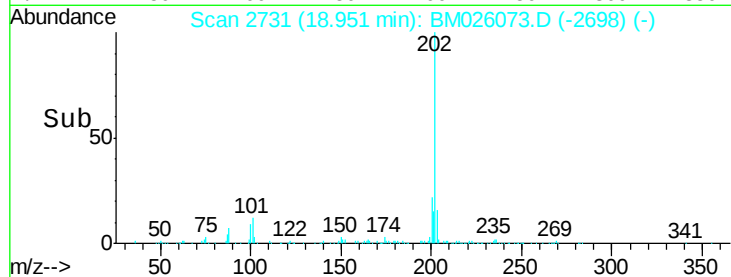
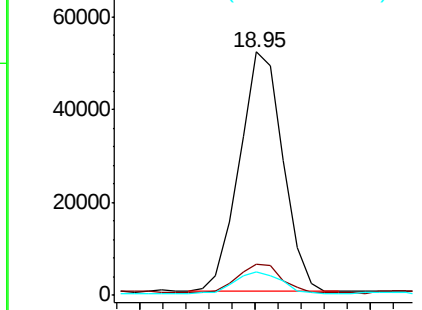
#77
 Fluoranthene
 Concen: 1.210 ng/ul
 RT: 18.95 min Scan# 2731
 Delta R.T. -0.01 min
 Lab File: BM026073.D
 Acq: 22 May 2020 00:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.5	14.3
100	9.7	7.6	11.4

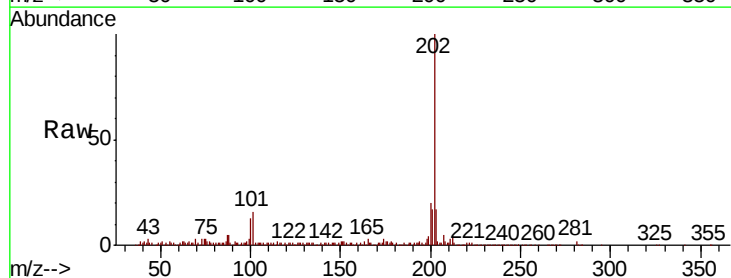


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

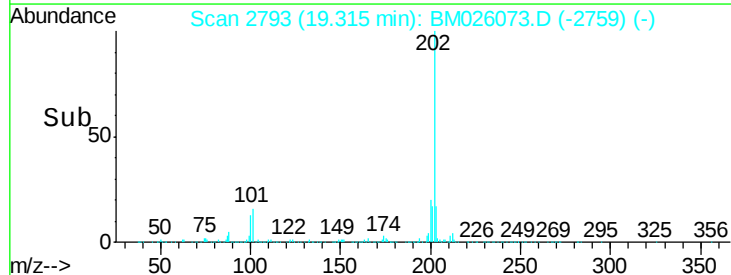
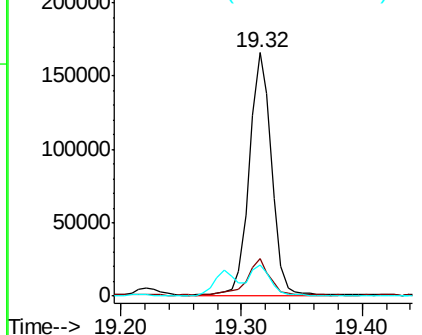


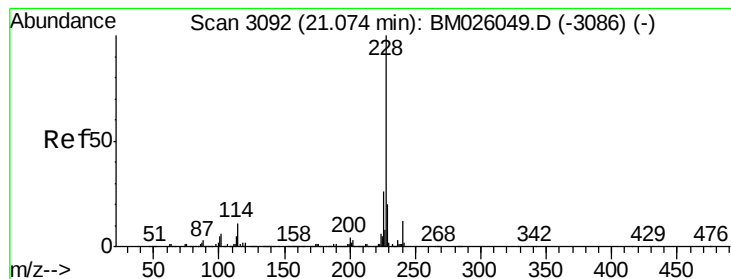
#80
 Pyrene
 Concen: 3.381 ng/ul
 RT: 19.32 min Scan# 2793
 Delta R.T. 0.00 min
 Lab File: BM026073.D
 Acq: 22 May 2020 00:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.6	12.2	18.4
100	12.5	10.2	15.4



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





#83

Benzo(a)anthracene

Concen: 1.012 ng/ul

RT: 21.07 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM026073.D

Acq: 22 May 2020 00:58

Instrument :

BNA_M

ClientSampleId :

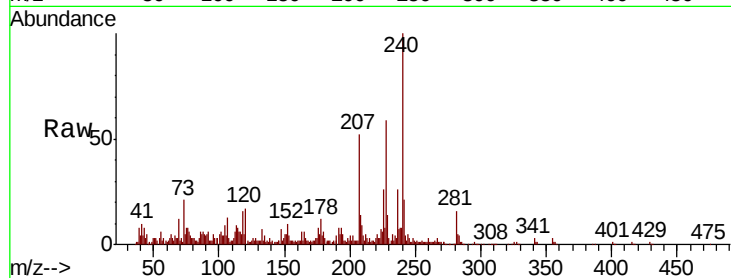
Tot Ion:228 Resp: 62346

Ion Ratio Lower Upper

228 100

229 24.3 15.5 23.3#

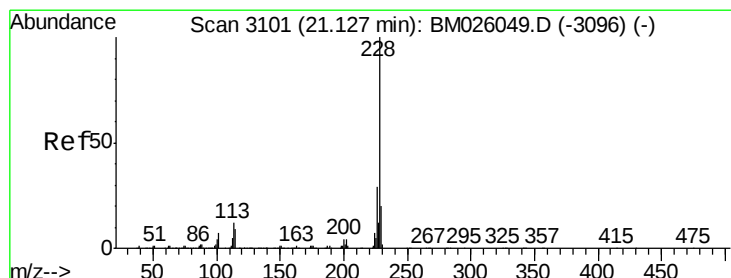
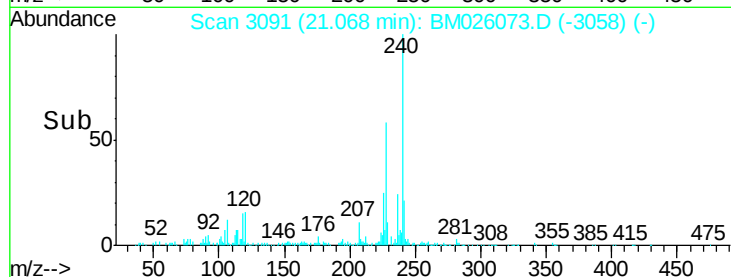
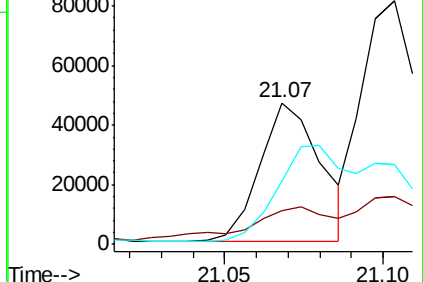
226 44.4 21.2 31.8#



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



#85

Chrysene

Concen: 2.212 ng/ul

RT: 21.10 min Scan# 3097

Delta R.T. -0.02 min

Lab File: BM026073.D

Acq: 22 May 2020 00:58

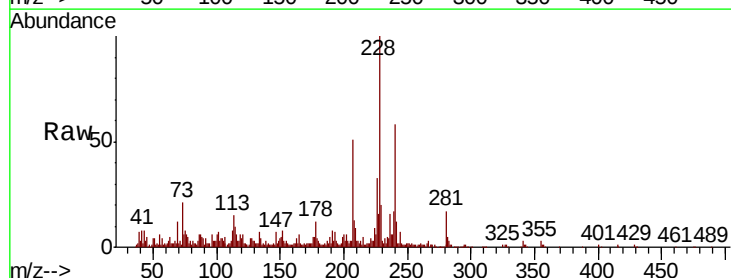
Tgt Ion:228 Resp: 135479

Ion Ratio Lower Upper

228 100

226 32.6 23.0 34.6

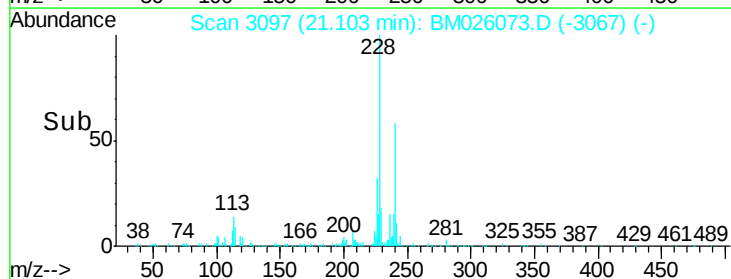
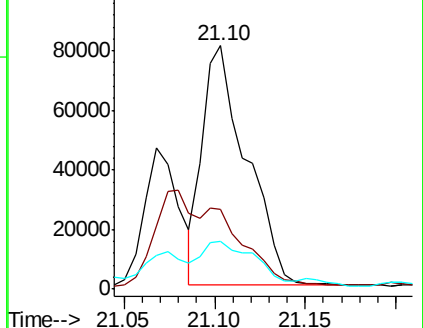
229 19.8 15.5 23.3

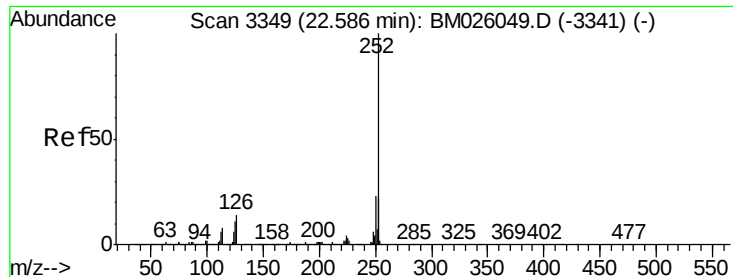


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 8.744 ng/ul

RT: 22.58 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BM026073.D

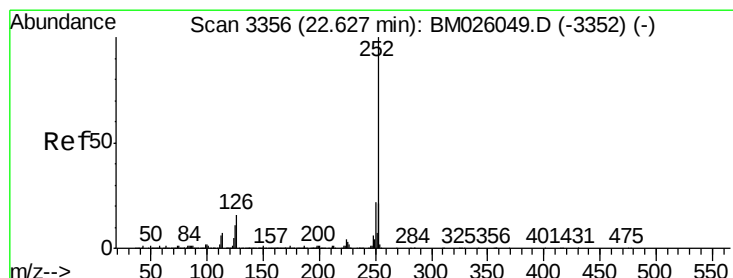
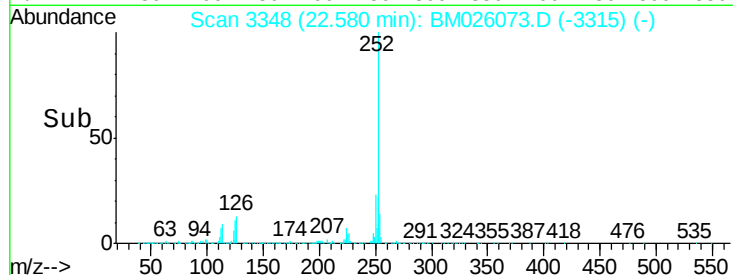
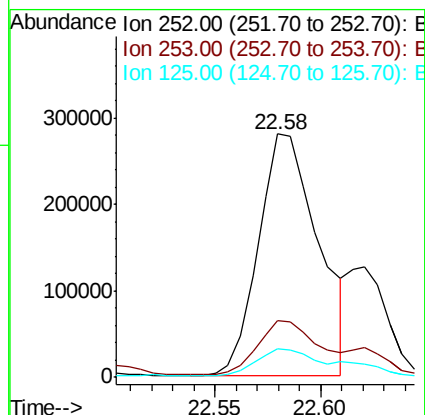
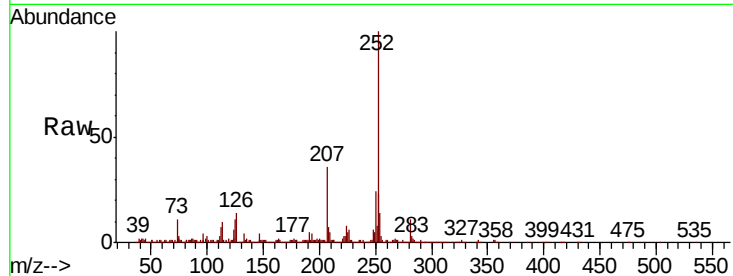
Acq: 22 May 2020 00:58

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	552405
Ion Ratio	Lower	Upper
252	100	
253	23.1	17.1 25.7
125	11.5	8.9 13.3



#89

Benzo(k)fluoranthene

Concen: 8.754 ng/ul

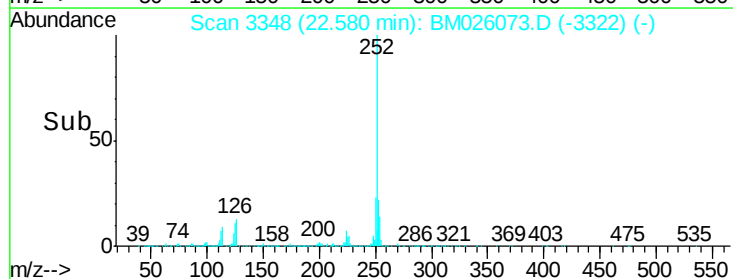
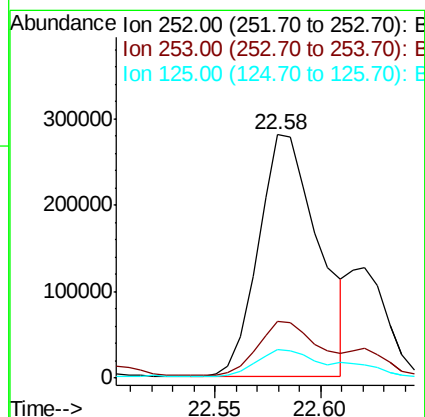
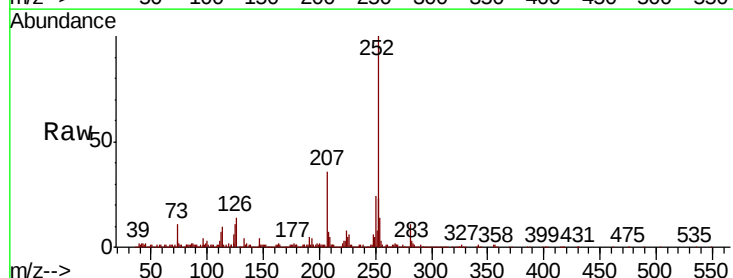
RT: 22.58 min Scan# 3348

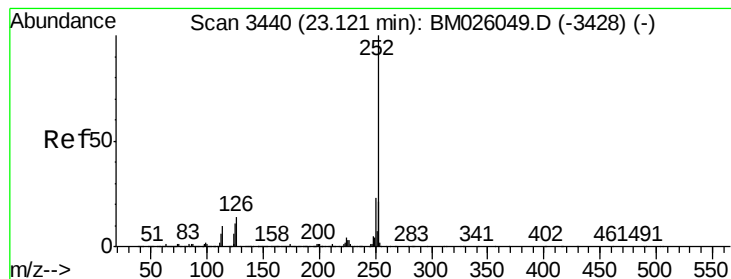
Delta R.T. -0.05 min

Lab File: BM026073.D

Acq: 22 May 2020 00:58

Tgt Ion:252	Resp:	552405
Ion Ratio	Lower	Upper
252	100	
253	23.1	17.0 25.4
125	11.5	8.6 13.0





#91

Benzo(a)pyrene

Concen: 3.425 ng/ul

RT: 23.11 min Scan# 3439

Delta R.T. -0.01 min

Lab File: BM026073.D

Acq: 22 May 2020 00:58

Instrument :

BNA_M

ClientSampleId :

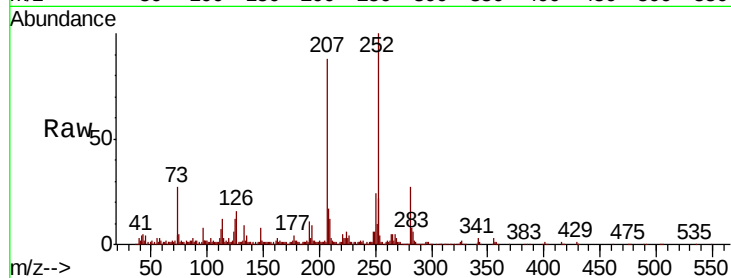
Tot Ion:252 Resp: 190430

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

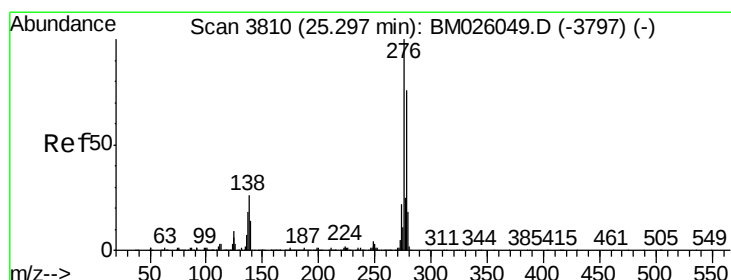
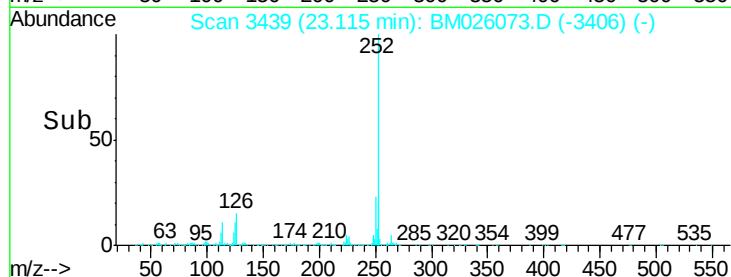
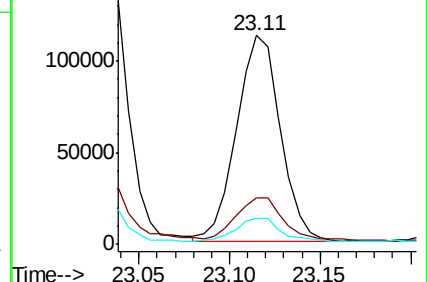
125 12.2 9.8 14.6



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 3.893 ng/ul

RT: 25.29 min Scan# 3808

Delta R.T. -0.01 min

Lab File: BM026073.D

Acq: 22 May 2020 00:58

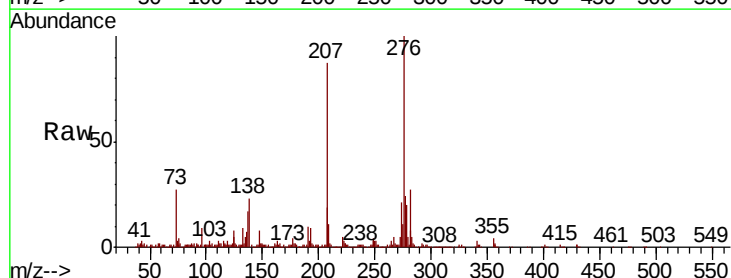
Tgt Ion:276 Resp: 280876

Ion Ratio Lower Upper

276 100

138 22.6 21.6 32.4

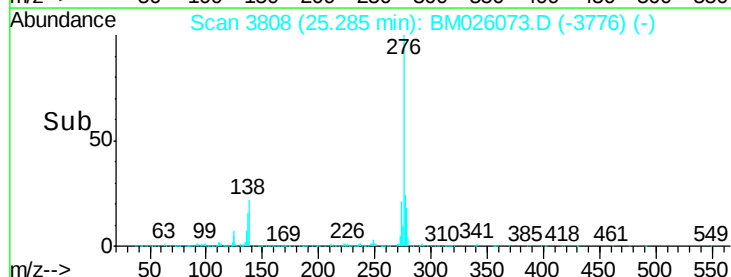
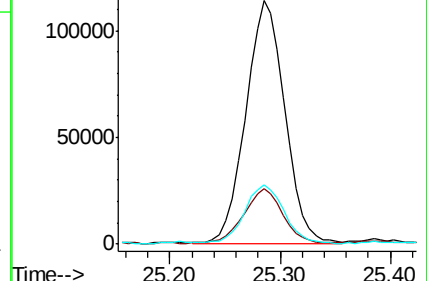
277 24.3 20.3 30.5

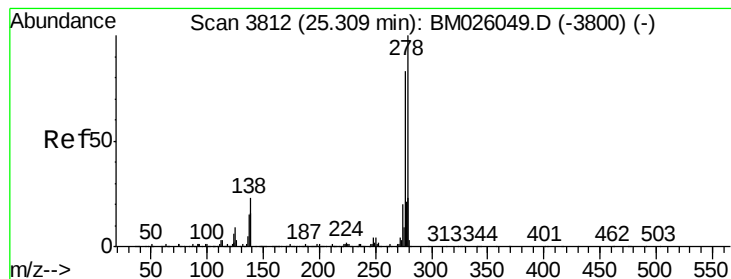


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 1.150 ng/ul

RT: 25.29 min Scan# 3809

Delta R.T. -0.02 min

Lab File: BM026073.D

Acq: 22 May 2020 00:58

Instrument :

BNA_M

ClientSampleId :

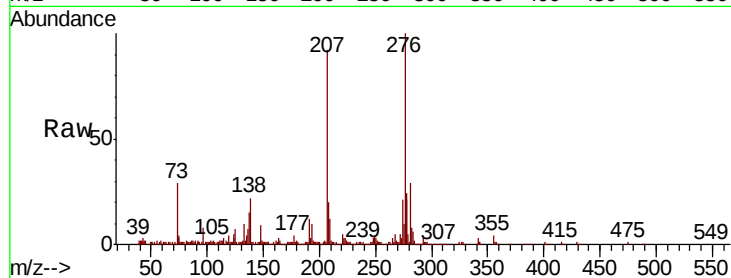
Tot Ion:278 Resp: 70252

Ion Ratio Lower Upper

278 100

139 0.0 13.5 20.3#

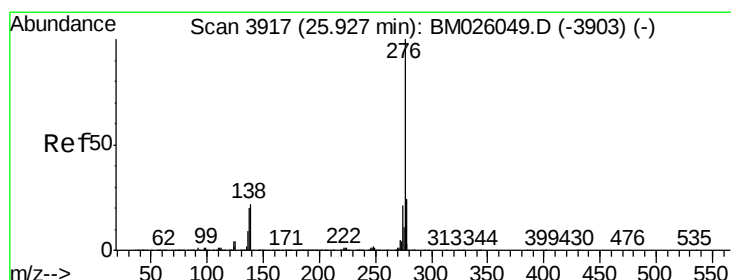
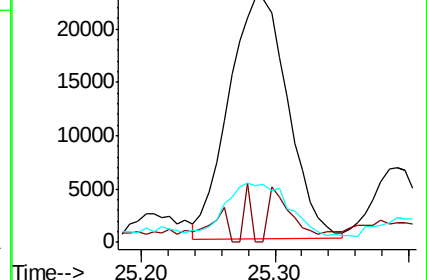
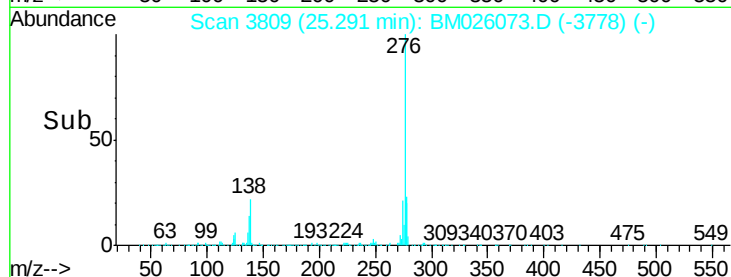
279 23.9 18.8 28.2



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



#94

Benzo(g,h,i)perylene

Concen: 4.099 ng/ul

RT: 25.92 min Scan# 3916

Delta R.T. -0.01 min

Lab File: BM026073.D

Acq: 22 May 2020 00:58

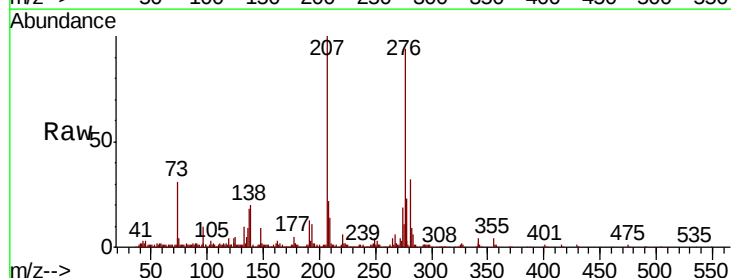
Tgt Ion:276 Resp: 246868

Ion Ratio Lower Upper

276 100

138 21.0 18.7 28.1

277 24.6 18.8 28.2



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

