

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052920\
 Data File : BM026189.D
 Acq On : 30 May 2020 01:58
 Operator : MA/SJ
 Sample : L2820-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB644

Quant Time: May 30 04:05:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 29 11:06:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	134618	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	573803	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	359847	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	795654	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	850752	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	888130	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	17105	3.83	ng/uL	0.00
5) Phenol-d5	6.67	99	51583	4.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	106738	12.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	105998	11.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	81816	8.89	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	60300	12.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	65442	14.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	131700	14.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	145679	15.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	416952	14.45	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	442175	12.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	17740	3.47	ng/ul	0.01
58) Fluorene-d10	15.12	176	327005	13.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	27882	6.01	ng/ul	0.00
71) Anthracene-d10	16.97	188	477641	12.18	ng/ul	0.00
79) Pyrene-d10	19.27	212	394839	9.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.05	264	172428	3.65	ng/ul	0.00

Target Compounds

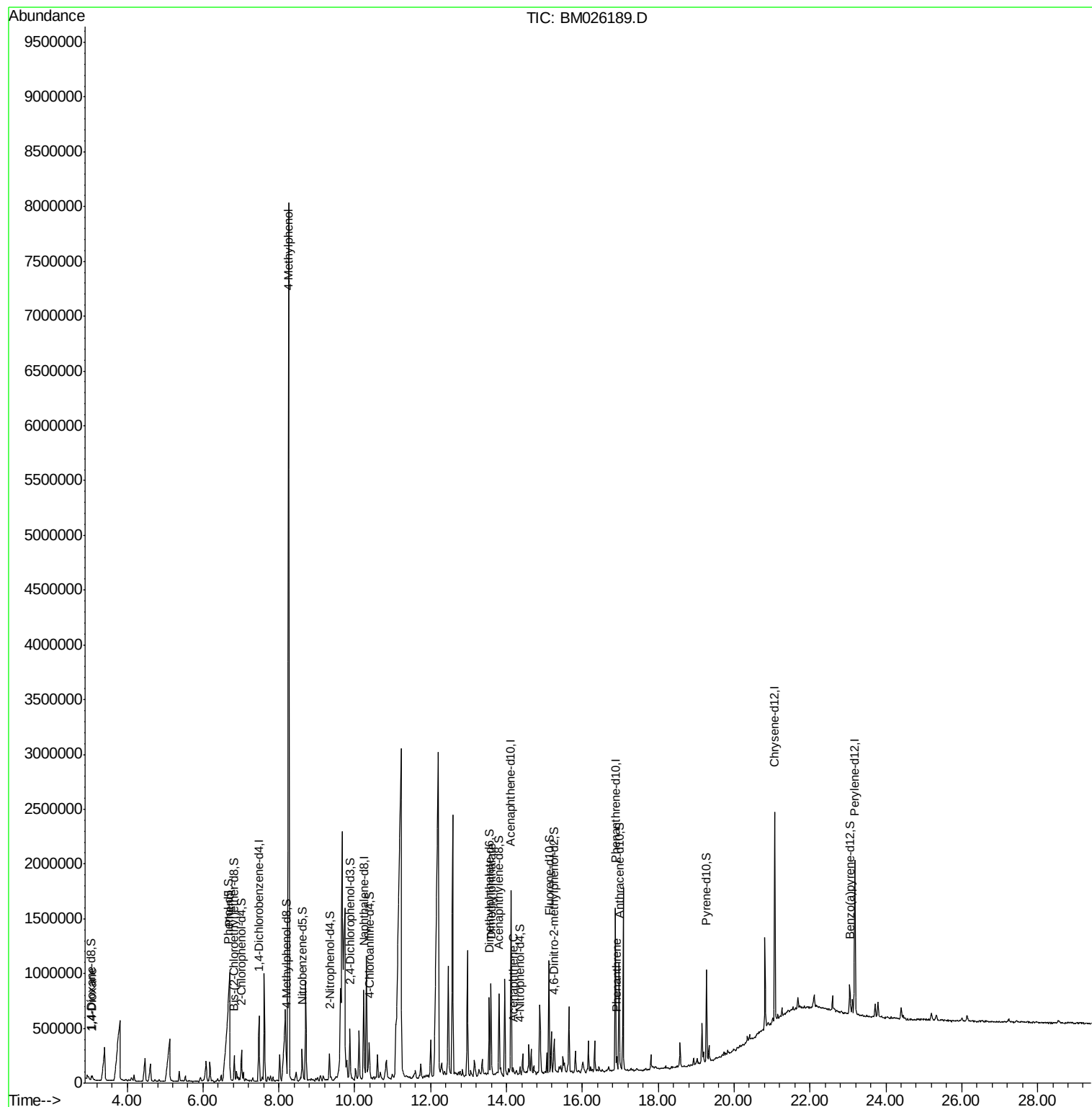
					Ovalue
2) 1,4-Dioxane	3.09	88	15484	3.339	ng/uL# 82
6) Phenol	6.70	94	89105	6.509	ng/ul 98
16) 4-Methylphenol	8.26	108	2778059	270.824	ng/ul 85
45) Dimethylphthalate	13.59	163	306639	10.121	ng/ul 99
50) Acenaphthene	14.19	153	28817	1.089	ng/ul 94
70) Phenanthrene	16.91	178	57604	1.149	ng/ul 99

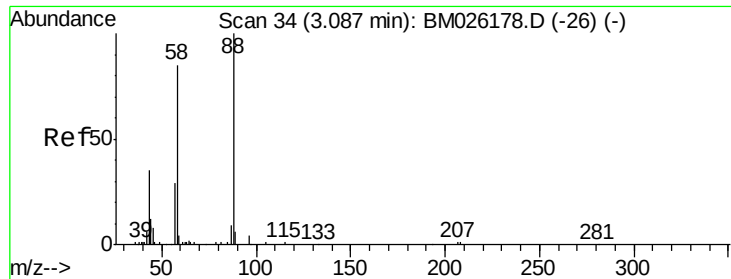
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 3.339 ng/uL

RT: 3.09 min Scan# 34

Delta R.T. 0.00 min

Lab File: BM026189.D

Acq: 30 May 2020 01:58

Instrument :

BNA_M

ClientSampleId :

CB644

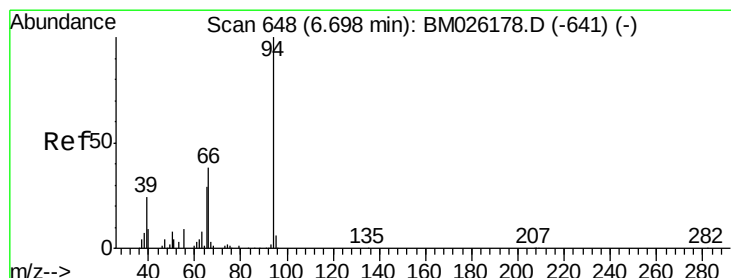
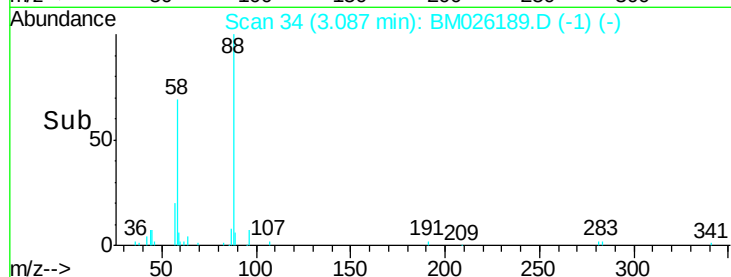
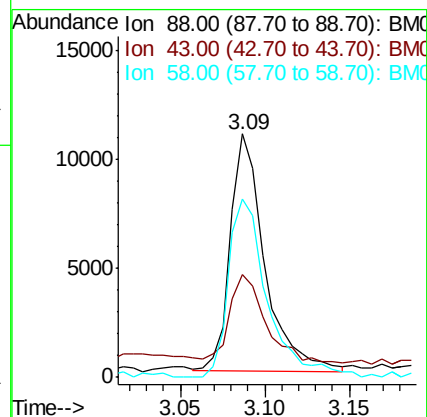
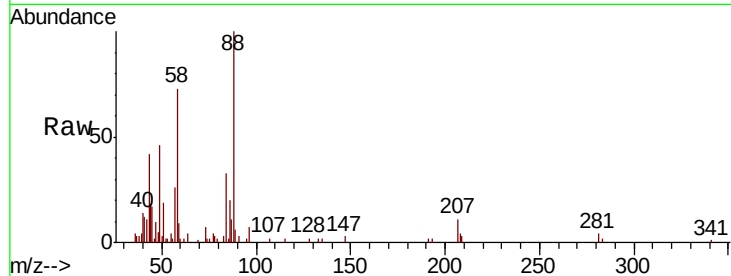
Tot Ion: 88 Resp: 15484

Ion Ratio Lower Upper

88 100

43 42.2 30.1 45.1

58 73.4 76.2 114.4#



#6

Phenol

Concen: 6.509 ng/uL

RT: 6.70 min Scan# 648

Delta R.T. 0.00 min

Lab File: BM026189.D

Acq: 30 May 2020 01:58

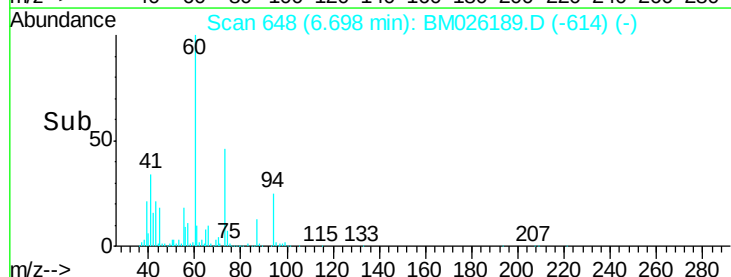
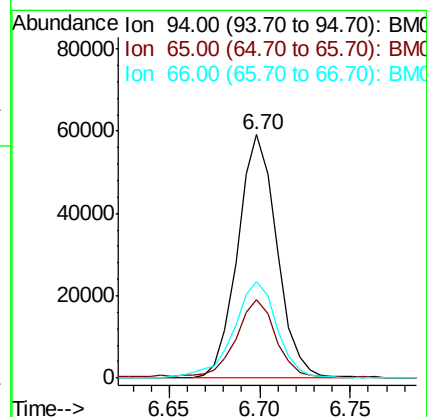
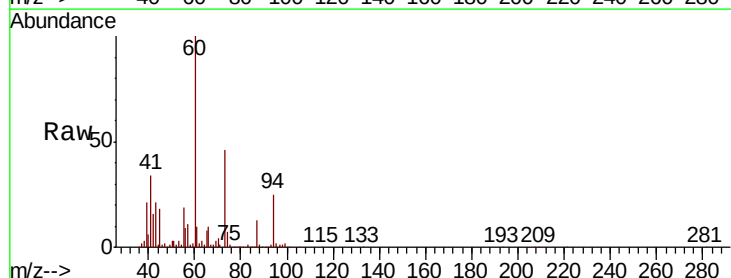
Tgt Ion: 94 Resp: 89105

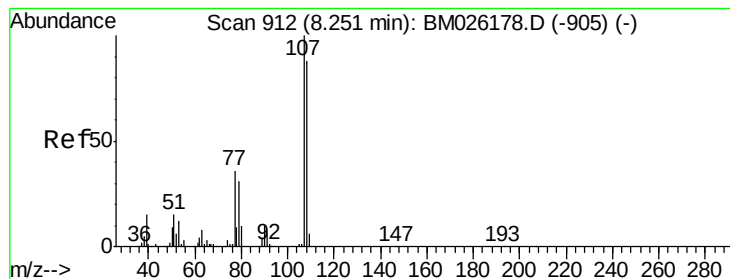
Ion Ratio Lower Upper

94 100

65 32.0 25.8 38.8

66 39.5 33.3 49.9





#16

4-Methylphenol

Concen: 270.824 ng/ul

RT: 8.26 min Scan# 914

Delta R.T. 0.01 min

Lab File: BM026189.D

Acq: 30 May 2020 01:58

Instrument :

BNA_M

ClientSampleId :

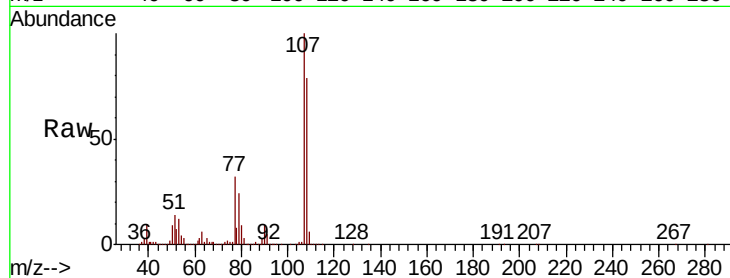
CB644

Tot Ion:108 Resp: 2778059

Ion Ratio Lower Upper

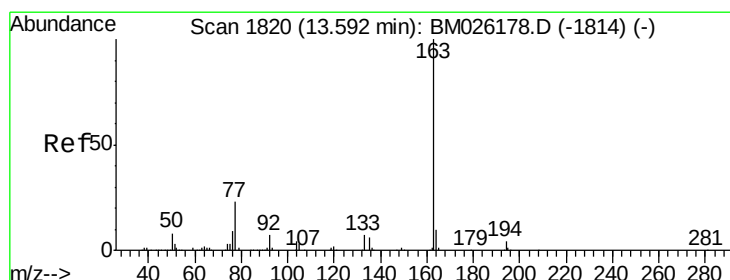
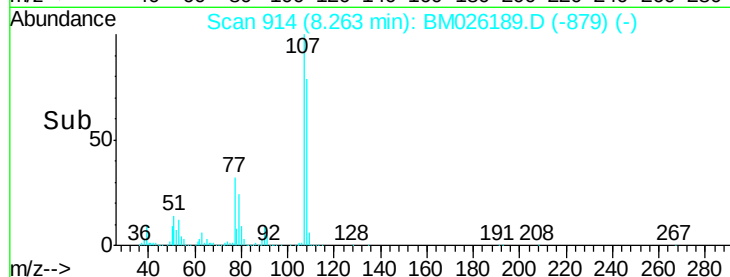
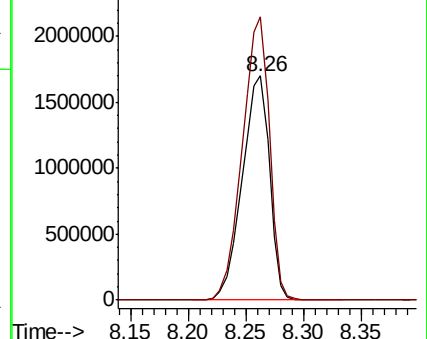
108 100

107 126.4 88.6 132.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#45

Dimethylphthalate

Concen: 10.121 ng/ul

RT: 13.59 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BM026189.D

Acq: 30 May 2020 01:58

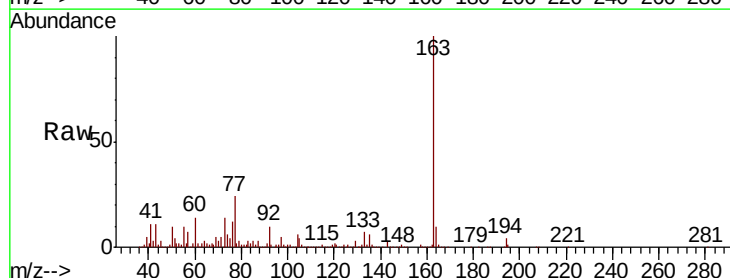
Tgt Ion:163 Resp: 306639

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

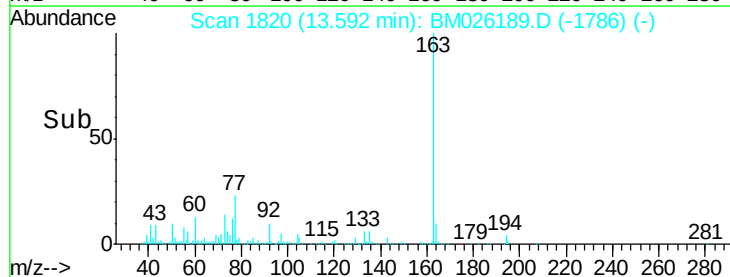
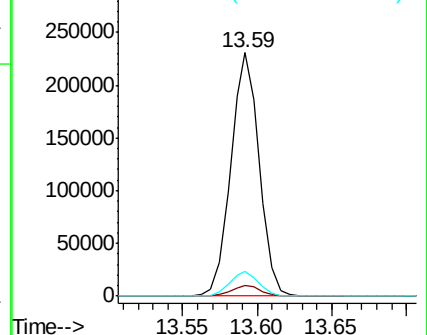
164 9.9 8.0 12.0

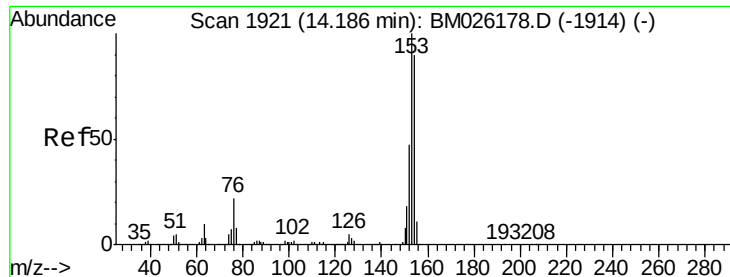


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

Acenaphthene

Concen: 1.089 ng/ul

RT: 14.19 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BM026189.D

Acq: 30 May 2020 01:58

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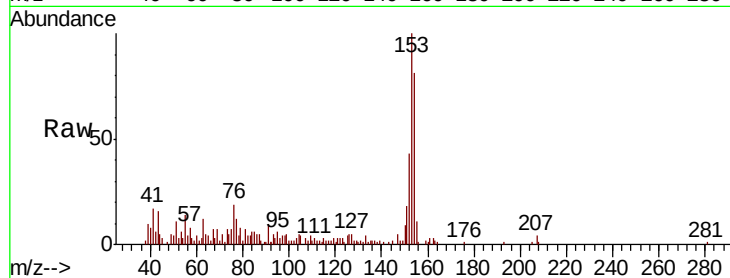
Tot Ion:153 Resp: 28817

Ion Ratio Lower Upper

153 100

152 43.5 37.2 55.8

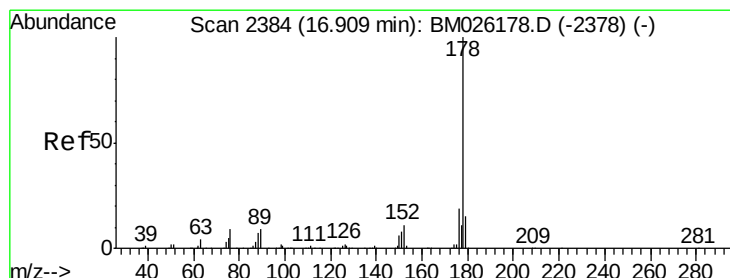
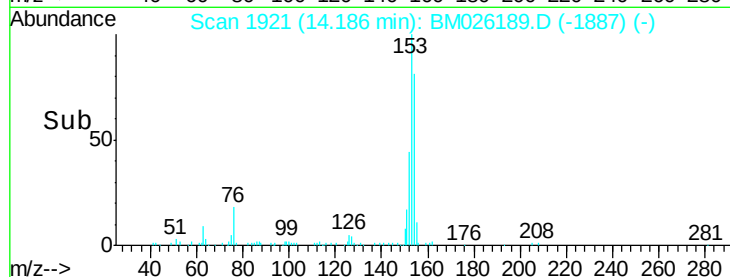
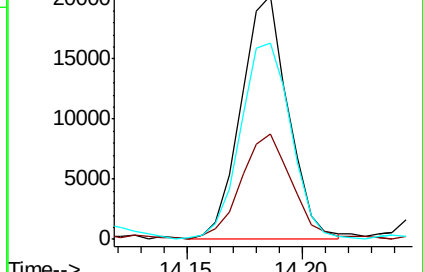
154 80.6 69.8 104.8



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



#70

Phenanthrene

Concen: 1.149 ng/ul

RT: 16.91 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM026189.D

Acq: 30 May 2020 01:58

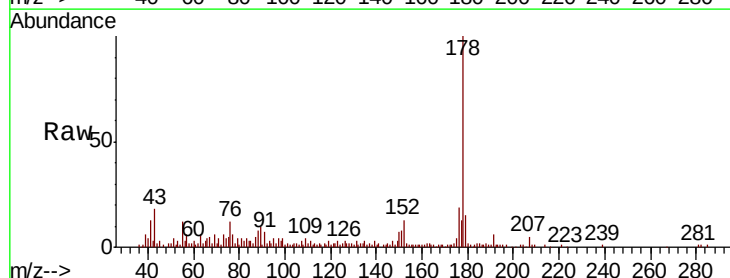
Tgt Ion:178 Resp: 57604

Ion Ratio Lower Upper

178 100

179 15.2 11.9 17.9

176 19.5 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

