

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
 Data File : BM026159.D
 Acq On : 28 May 2020 14:54
 Operator : MA/SJ
 Sample : L2785-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB7E2

Quant Time: May 28 15:36:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 28 11:12:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	166522	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	682714	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	393958	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	829138	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	925138	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1000526	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	19214	3.48	ng/uL	0.00
5) Phenol-d5	6.68	99	354318	23.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	242854	23.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	270722	22.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	267682	23.51	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	129459	23.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	133976	24.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	247985	22.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	333894	29.78	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	759446	24.04	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	887263	23.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	123327	22.04	ng/ul	0.00
58) Fluorene-d10	15.13	176	655265	23.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	94948	19.64	ng/ul	0.00
71) Anthracene-d10	16.97	188	1037699	25.40	ng/ul	0.00
79) Pyrene-d10	19.27	212	1244424	26.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1449856	27.22	ng/ul	0.00

Target Compounds

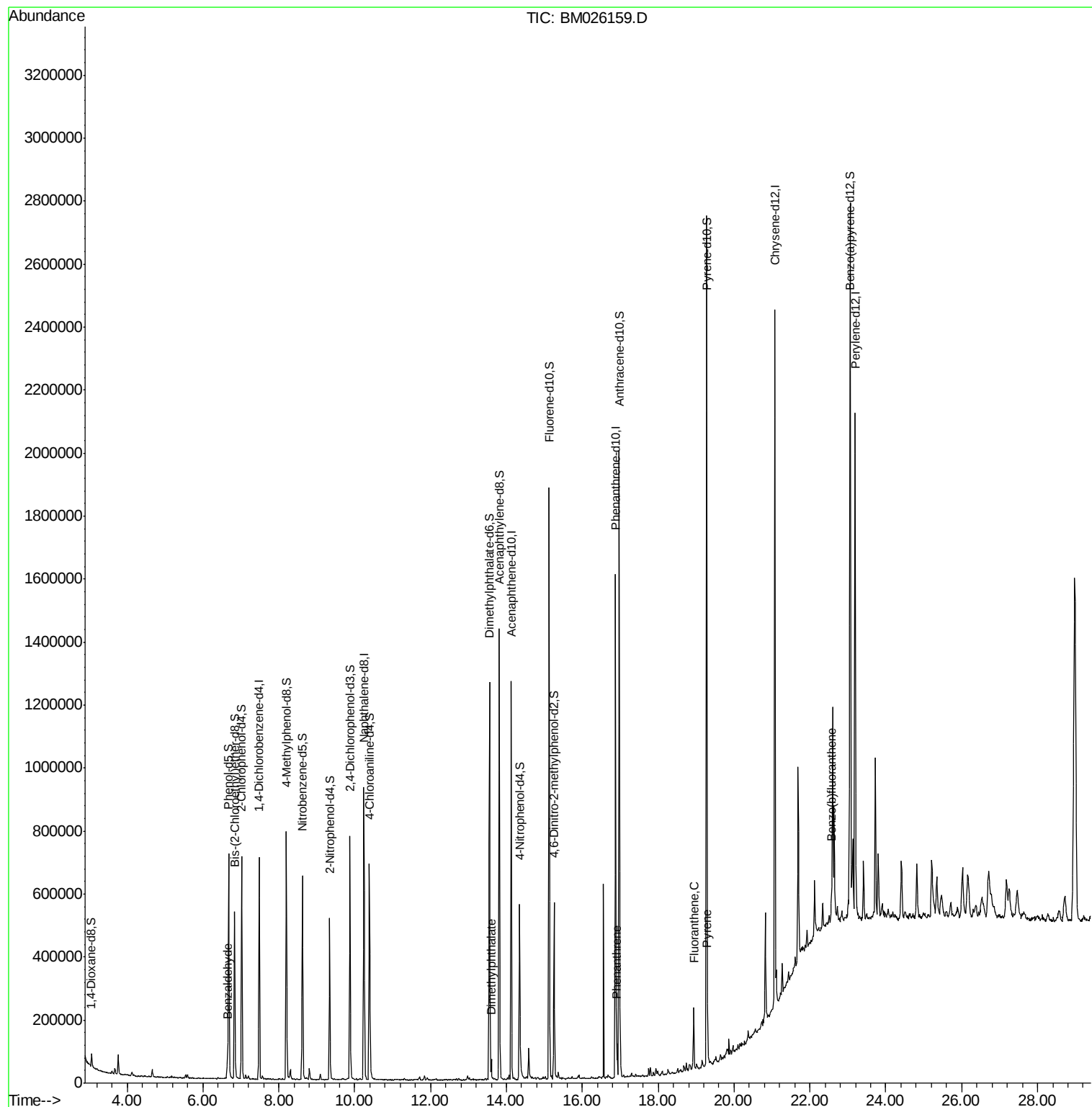
					Ovalue	
4) Benzaldehyde	6.64	77	17687	1.799	ng/ul	92
45) Dimethylphthalate	13.60	163	36291	1.094	ng/ul#	98
70) Phenanthrene	16.92	178	54977	1.053	ng/ul	97
77) Fluoranthene	18.94	202	104166	1.901	ng/ul	99
80) Pyrene	19.30	202	100892	1.553	ng/ul	99
88) Benzo(b)fluoranthene	22.57	252	79880	1.180	ng/ul#	91

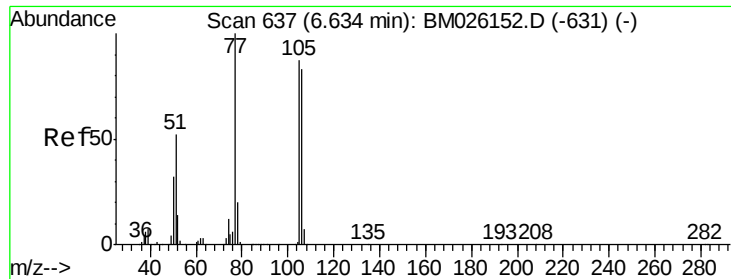
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.799 ng/ul

RT: 6.64 min Scan# 638

Delta R.T. 0.01 min

Lab File: BM026159.D

Acq: 28 May 2020 14:54

Instrument :

BNA_M

ClientSampleId :

CB7E2

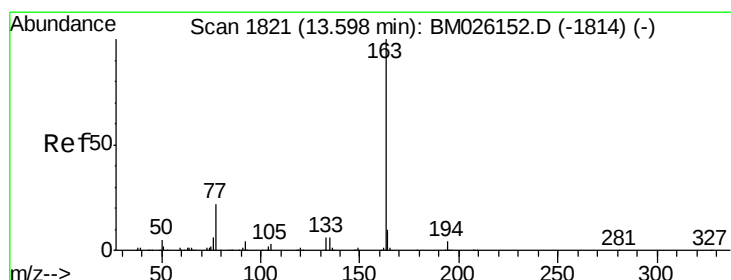
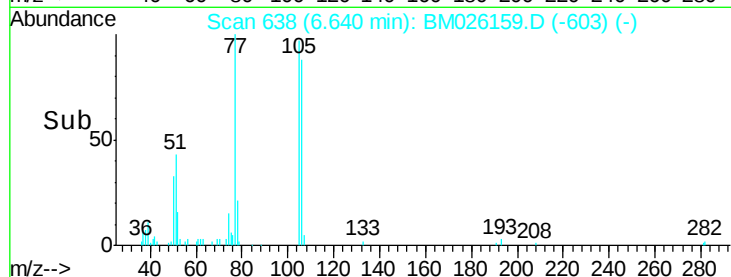
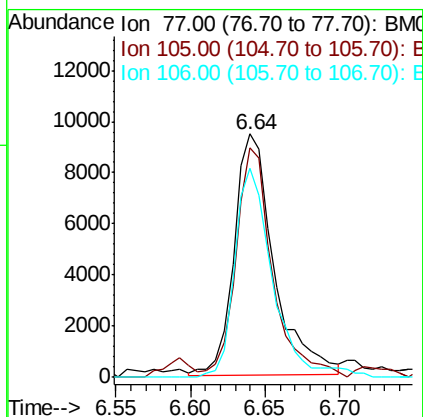
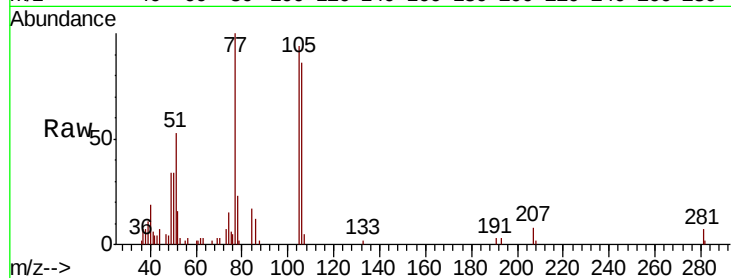
Tot Ion: 77 Resp: 17687

Ion Ratio Lower Upper

77 100

105 94.1 68.6 102.8

106 85.8 63.4 95.0



#45

Dimethylphthalate

Concen: 1.094 ng/ul

RT: 13.60 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BM026159.D

Acq: 28 May 2020 14:54

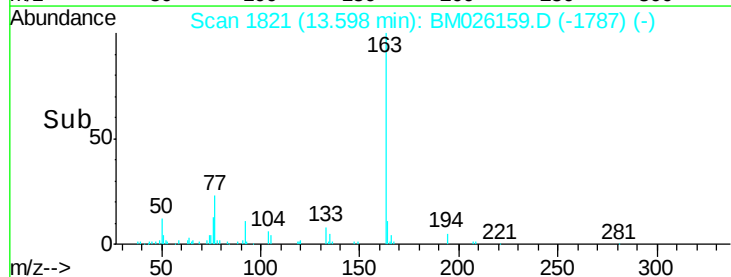
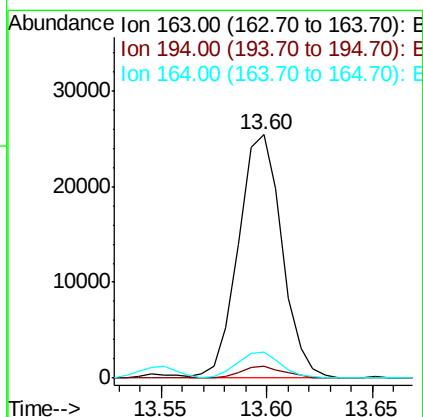
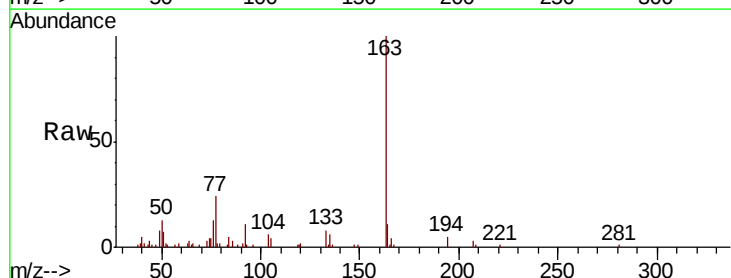
Tgt Ion: 163 Resp: 36291

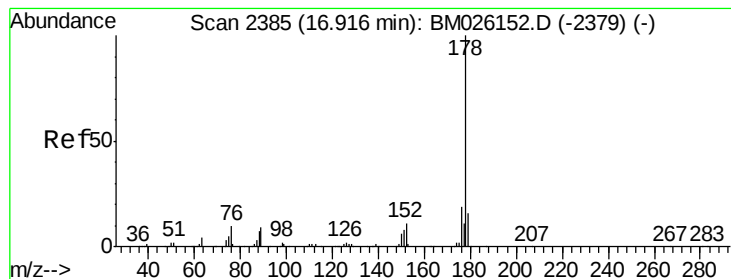
Ion Ratio Lower Upper

163 100

194 5.1 3.2 4.8#

164 10.6 8.0 12.0





#70

Phenanthrene

Concen: 1.053 ng/ul

RT: 16.92 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BM026159.D

Acq: 28 May 2020 14:54

Instrument :

BNA_M

ClientSampleId :

CB7E2

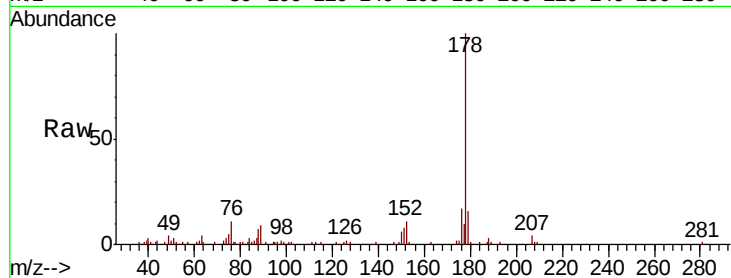
Tot Ion:178 Resp: 54977

Ion Ratio Lower Upper

178 100

179 16.4 11.9 17.9

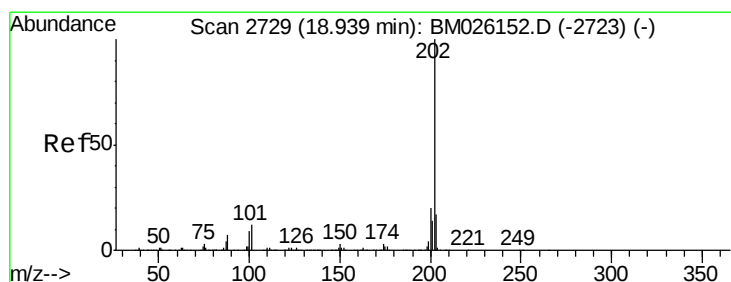
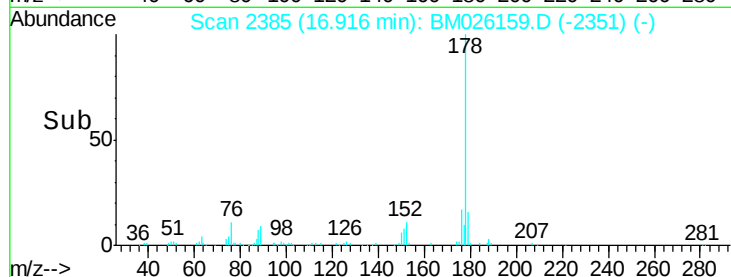
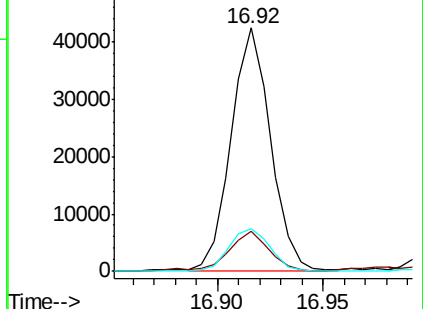
176 17.3 14.9 22.3



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: 1.901 ng/ul

RT: 18.94 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM026159.D

Acq: 28 May 2020 14:54

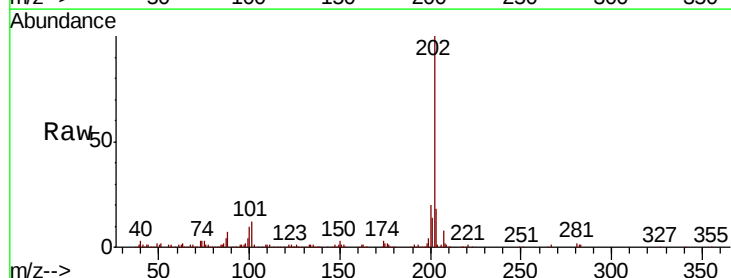
Tgt Ion:202 Resp: 104166

Ion Ratio Lower Upper

202 100

101 12.3 9.5 14.3

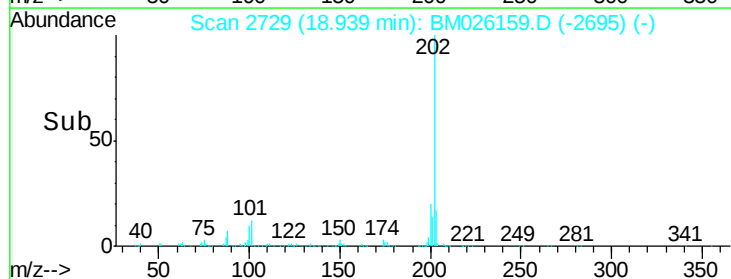
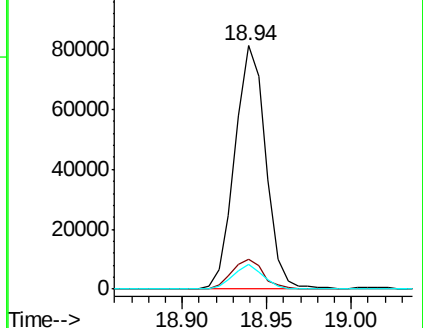
100 9.9 7.6 11.4

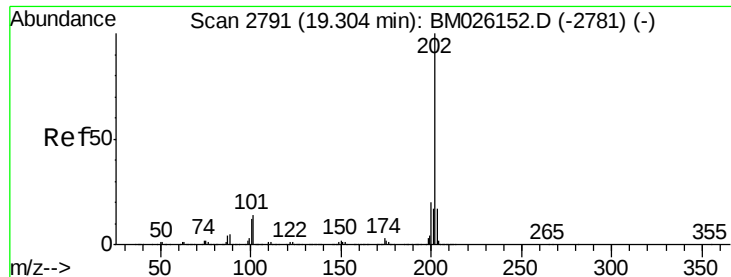


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

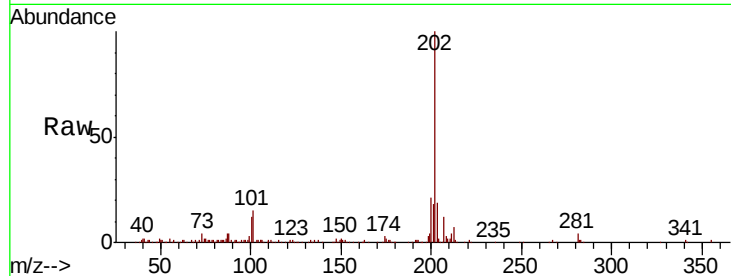




#80
Pvrene
Concen: 1.553 ng/ul
RT: 19.30 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM026159.D
Acq: 28 May 2020 14:54

Instrument :
BNA_M
ClientSampleId :
CB7E2

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.9	12.2	18.4
100	12.1	10.2	15.4

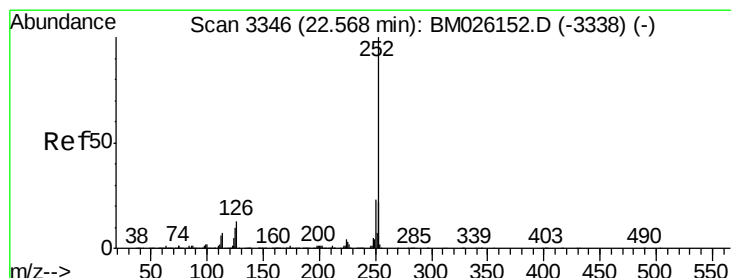
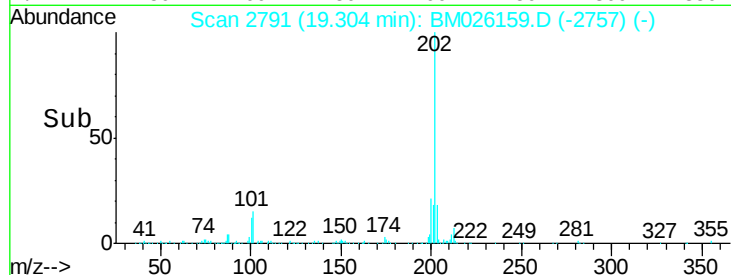
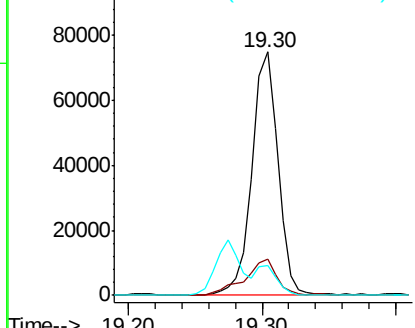


Abundance

Ion 202.00 (201.70 to 202.70): E

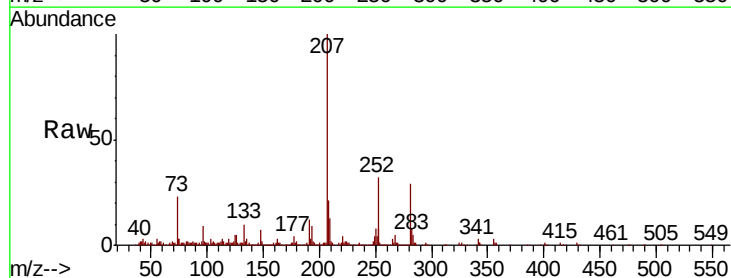
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#88
Benzo(b)fluoranthene
Concen: 1.180 ng/ul
RT: 22.57 min Scan# 3346
Delta R.T. 0.00 min
Lab File: BM026159.D
Acq: 28 May 2020 14:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.1	25.7
125	16.1	8.9	13.3#



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

