

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
 Data File : BM025877.D
 Acq On : 31 Mar 2020 22:15
 Operator : CG/JU
 Sample : L2062-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F3E06

Quant Time: Apr 01 02:10:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 01 01:28:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	180855	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	719214	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	434720	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	896687	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	952032	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	1063429	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	16385	3.80	ng/uL	0.00
5) Phenol-d5	6.75	99	341037	23.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	203791	25.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	292306	25.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	282300	24.07	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	142981	26.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	149804	26.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	292759	25.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	55129	4.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	868248	26.28	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	1074455	27.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	122374	19.45	ng/ul	0.00
58) Fluorene-d10	15.20	176	789449	27.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	109042	19.93	ng/ul	0.00
71) Anthracene-d10	17.04	188	1203181	28.73	ng/ul	0.00
79) Pyrene-d10	19.34	212	1321215	28.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	1622036	29.79	ng/ul	0.00

Target Compounds

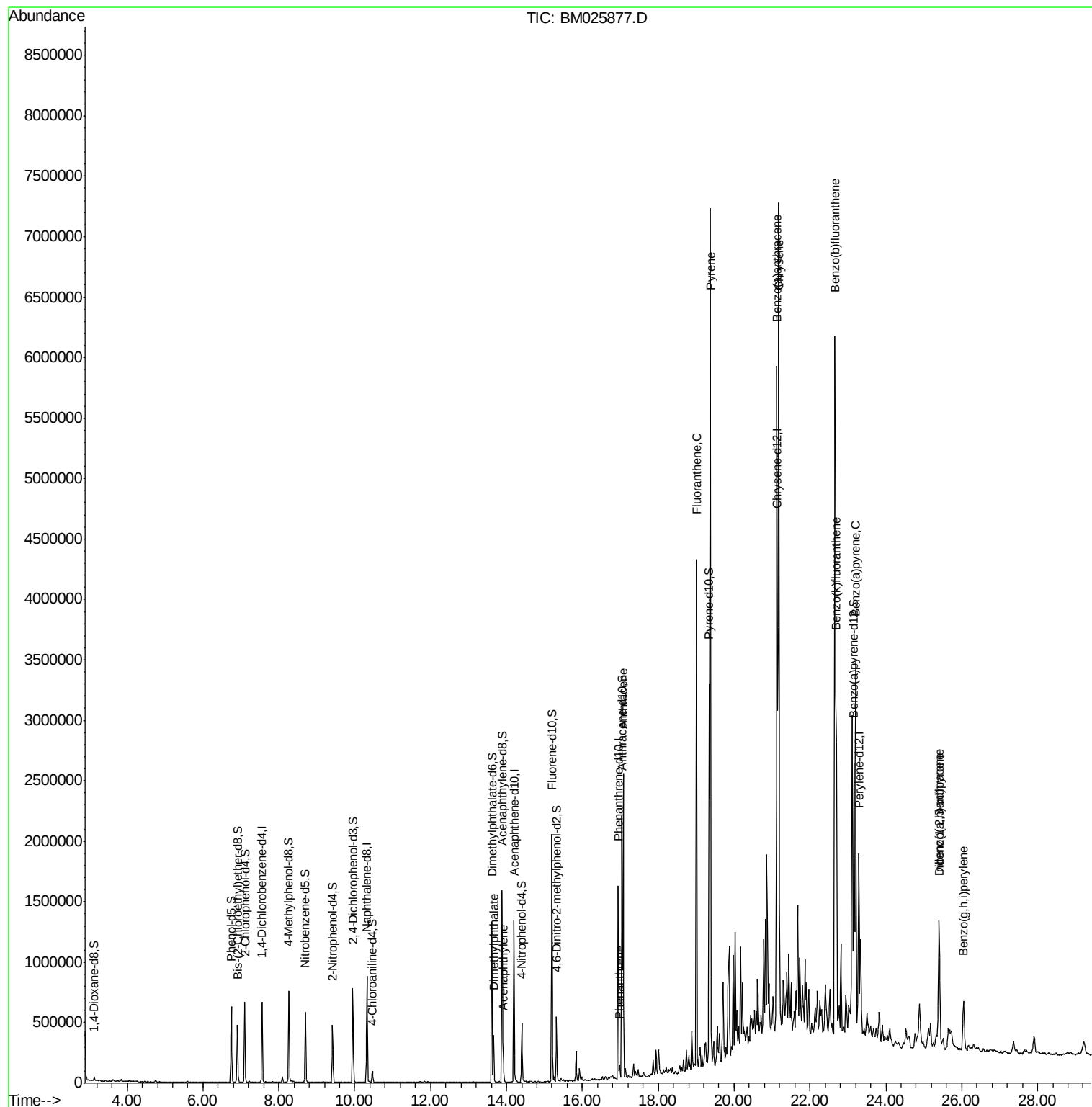
					Ovalue
45) Dimethylphthalate	13.66	163	238815	6.944 ng/ul	99
48) Acenaphthylene	13.92	152	132104	3.081 ng/ul	99
70) Phenanthrene	16.99	178	65886	1.248 ng/ul	100
72) Anthracene	17.08	178	1541849	28.664 ng/ul	99
77) Fluoranthene	19.01	202	2387572	38.377 ng/ul	99
80) Pyrene	19.37	202	4113309	64.331 ng/ul	98
83) Benzo(a)anthracene	21.13	228	2658116	42.349 ng/ul	97
85) Chrysene	21.18	228	4027797	65.405 ng/ul	98
88) Benzo(b)fluoranthene	22.66	252	4570238	68.879 ng/ul	98
89) Benzo(k)fluoranthene	22.70	252	1539914	23.559 ng/ul	98
91) Benzo(a)pyrene	23.20	252	1994431	33.030 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.41	276	894847	11.222 ng/ul	98
93) Dibenzo(a,h)anthracene	25.41	278	266005	3.939 ng/ul#	93
94) Benzo(g,h,i)perylene	26.05	276	480925	7.318 ng/ul	99

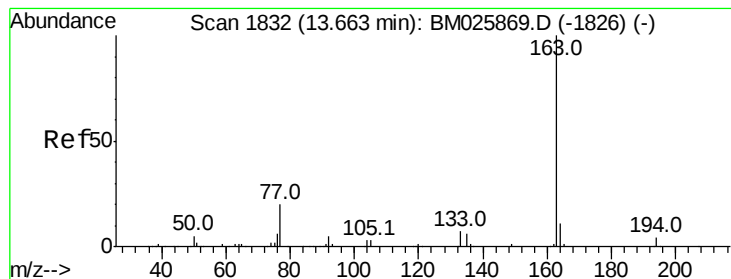
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BM025877.D
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 01 01:28:55 2020
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 6.944 ng/ul

RT: 13.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BM025877.D

Acq: 31 Mar 2020 22:15

Instrument :

BNA_M

ClientSampleId :

F3E06

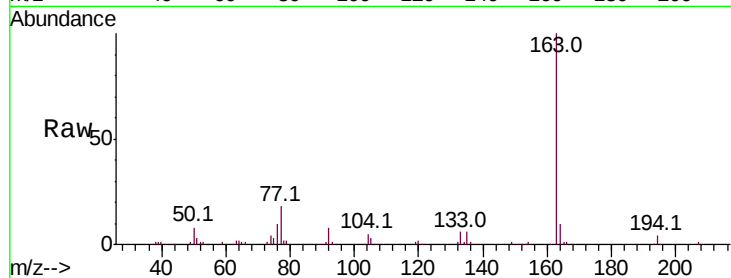
Tot Ion:163 Resp: 238815

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

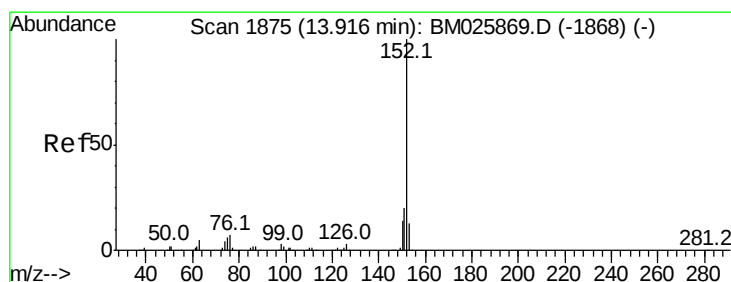
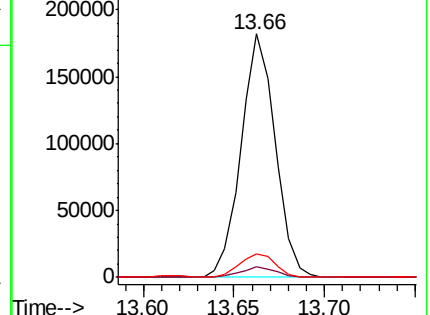
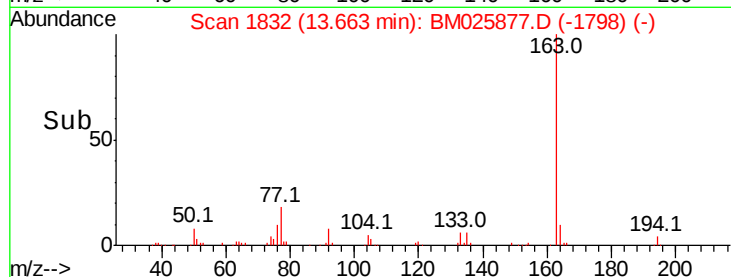
164 9.6 8.2 12.4



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



#48

Acenaphthylene

Concen: 3.081 ng/ul

RT: 13.92 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BM025877.D

Acq: 31 Mar 2020 22:15

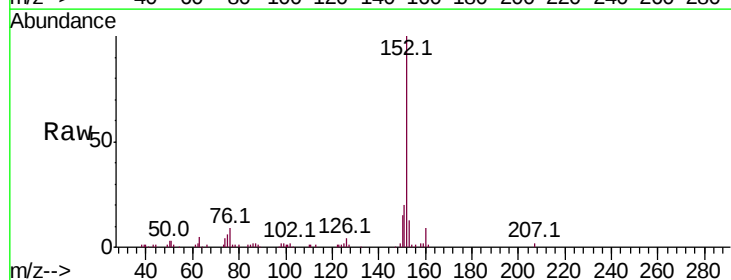
Tgt Ion:152 Resp: 132104

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.6

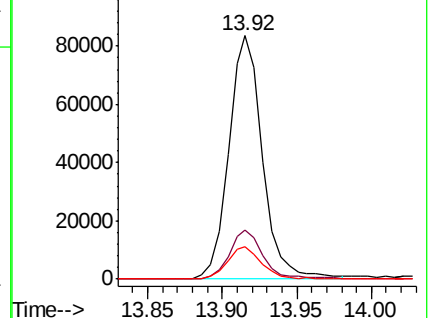
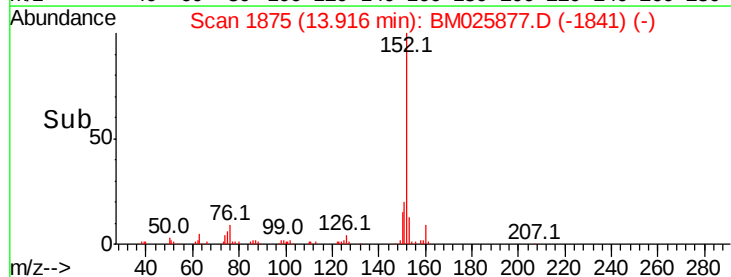
153 13.1 10.6 16.0

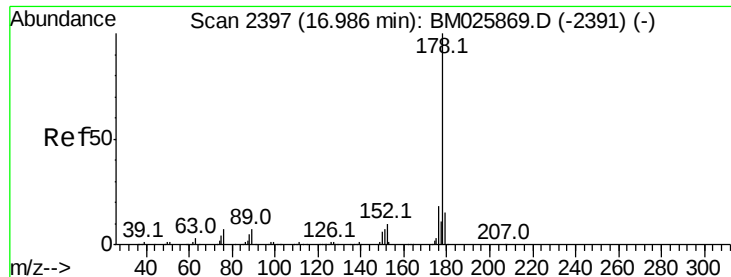


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#70

Phenanthrene

Concen: 1.248 ng/ul

RT: 16.99 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BM025877.D

Acq: 31 Mar 2020 22:15

Instrument :

BNA_M

ClientSampleId :

F3E06

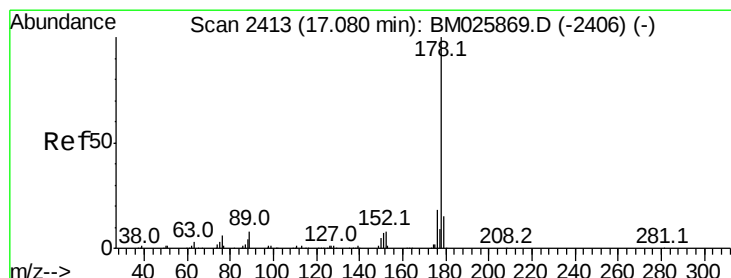
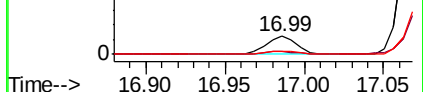
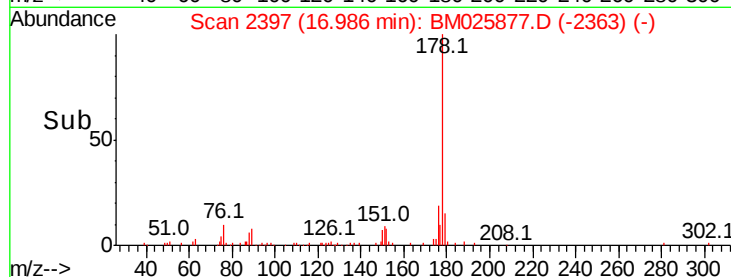
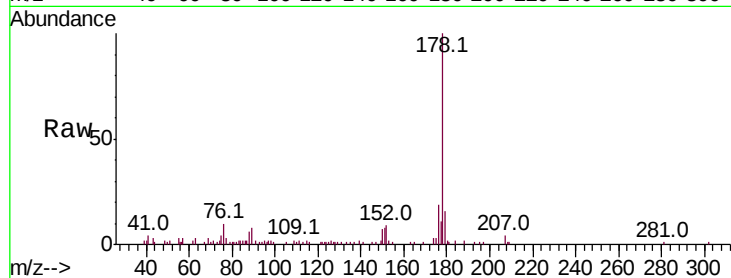
Tot Ion:178 Resp: 65886

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

176 19.0 15.3 22.9



#72

Anthracene

Concen: 28.664 ng/ul

RT: 17.08 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BM025877.D

Acq: 31 Mar 2020 22:15

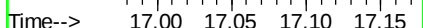
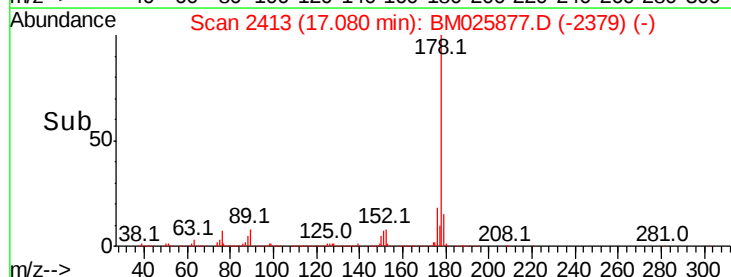
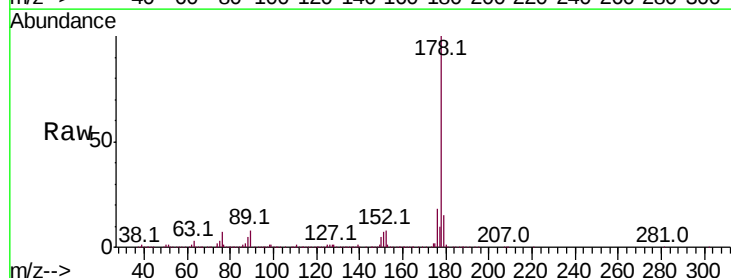
Tgt Ion:178 Resp: 1541849

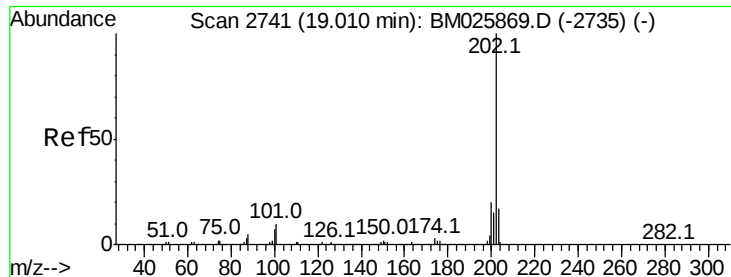
Ion Ratio Lower Upper

178 100

179 15.1 12.5 18.7

176 17.7 14.5 21.7



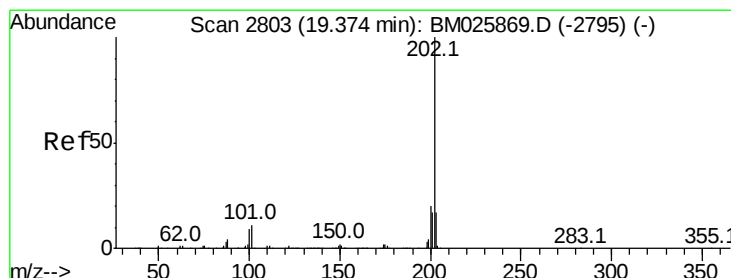
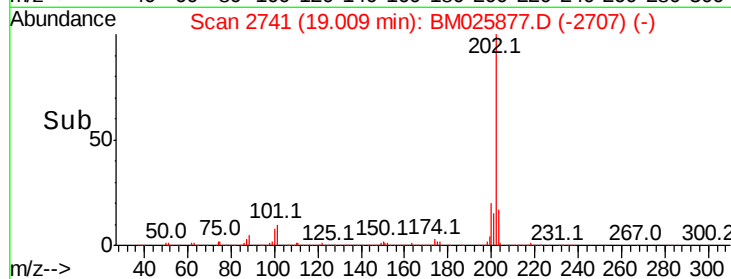
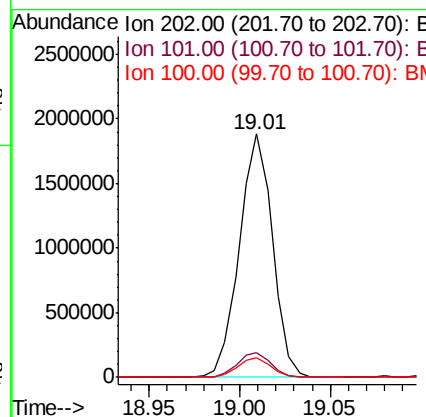
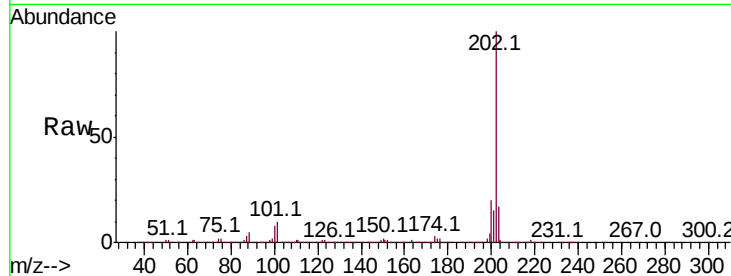


#77
Fluoranthene
 Concen: 38.377 ng/ul
 RT: 19.01 min Scan# 2741
 Delta R.T. -0.00 min
 Lab File: BM025877.D
 Acq: 31 Mar 2020 22:15

Instrument :
 BNA_M
 ClientSampleId :
 F3E06

Tot Ion:202 Resp: 2387572

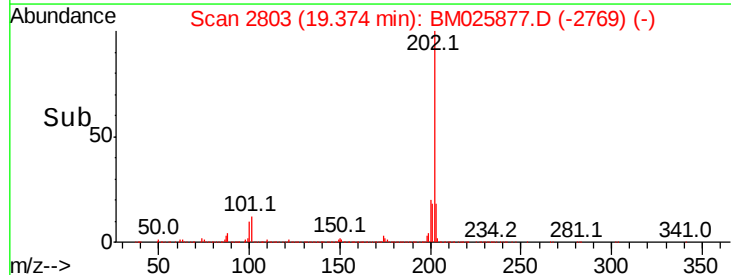
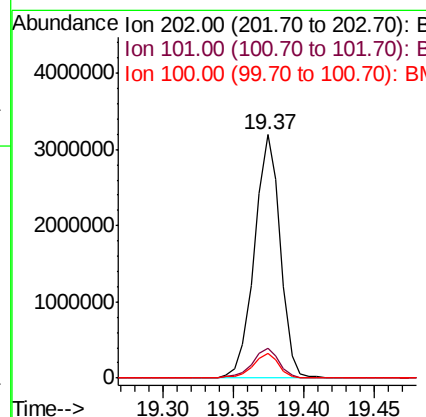
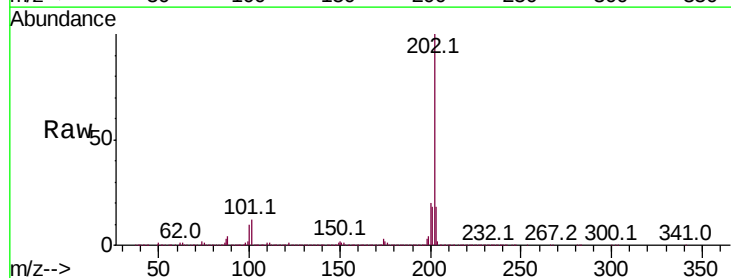
Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.2	12.4
100	8.0	6.5	9.7

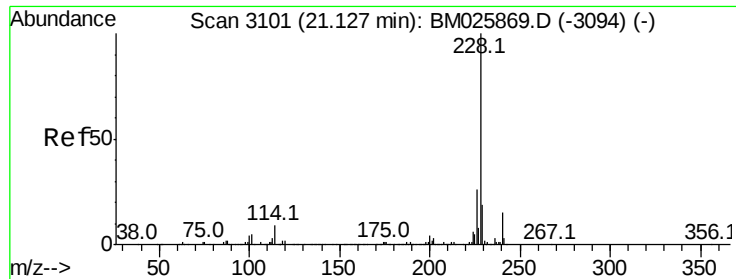


#80
Pyrene
 Concen: 64.331 ng/ul
 RT: 19.37 min Scan# 2803
 Delta R.T. -0.00 min
 Lab File: BM025877.D
 Acq: 31 Mar 2020 22:15

Tgt Ion:202 Resp: 4113309

Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.9	13.3
100	10.0	7.5	11.3

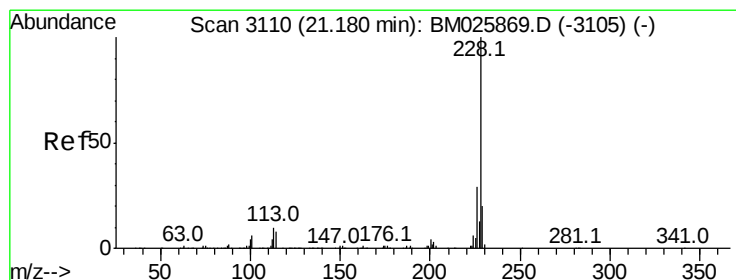
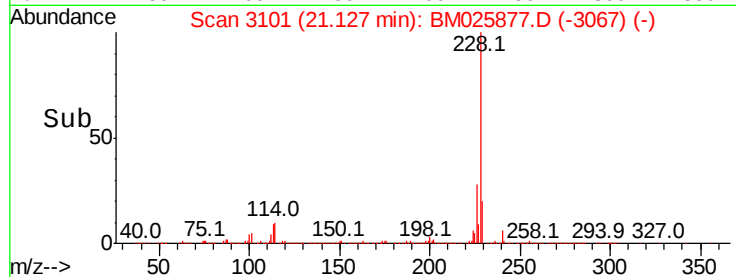
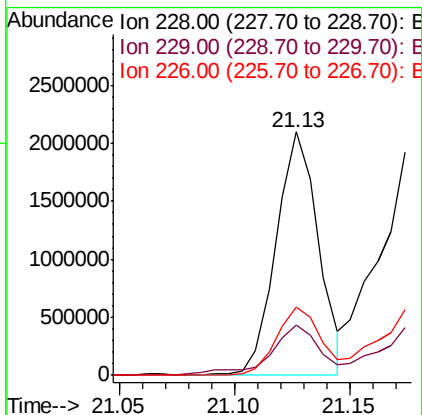
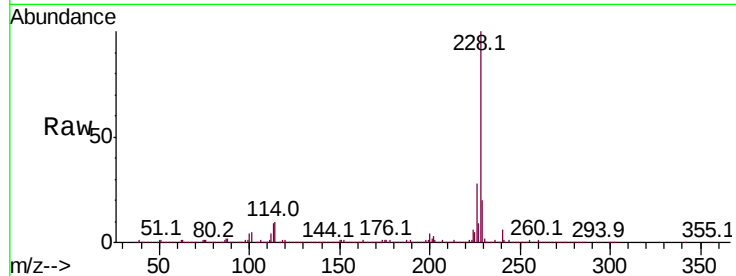




#83
Benzo(a)anthracene
Concen: 42.349 ng/ul
RT: 21.13 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BM025877.D
Acq: 31 Mar 2020 22:15

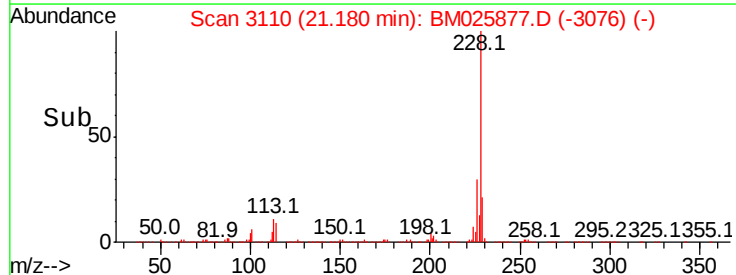
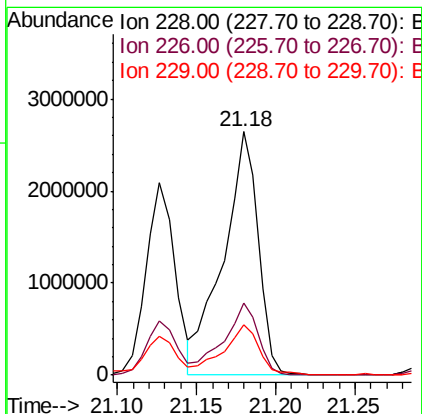
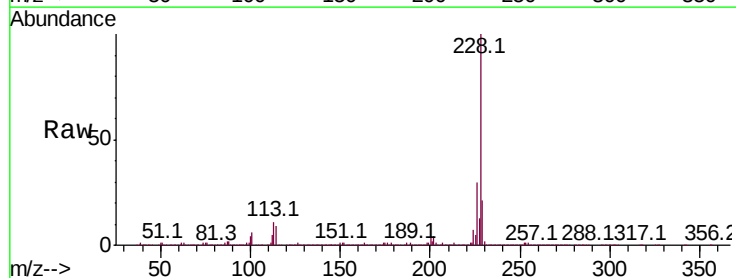
Instrument :
BNA_M
ClientSampled :
F3E06

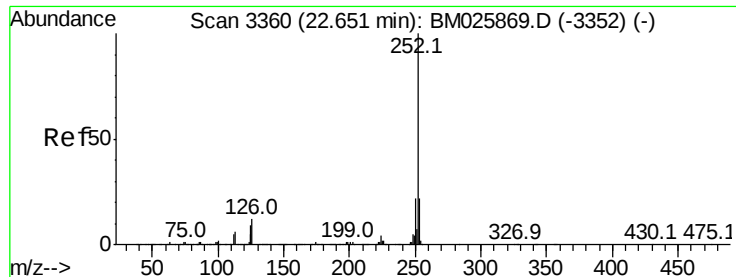
Tot Ion:228 Resp: 2658116
Ion Ratio Lower Upper
228 100
229 20.4 15.5 23.3
226 28.1 21.0 31.6



#85
Chrysene
Concen: 65.405 ng/ul
RT: 21.18 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BM025877.D
Acq: 31 Mar 2020 22:15

Tgt Ion:228 Resp: 4027797
Ion Ratio Lower Upper
228 100
226 29.6 23.4 35.0
229 20.8 15.6 23.4





#88

Benzo(b)fluoranthene

Concen: 68.879 ng/ul

RT: 22.66 min Scan# 3362

Delta R.T. 0.01 min

Lab File: BM025877.D

Acq: 31 Mar 2020 22:15

Instrument :

BNA_M

ClientSampleId :

F3E06

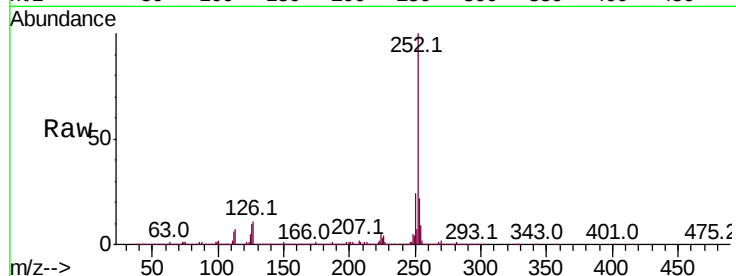
Tot Ion:252 Resp: 4570238

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

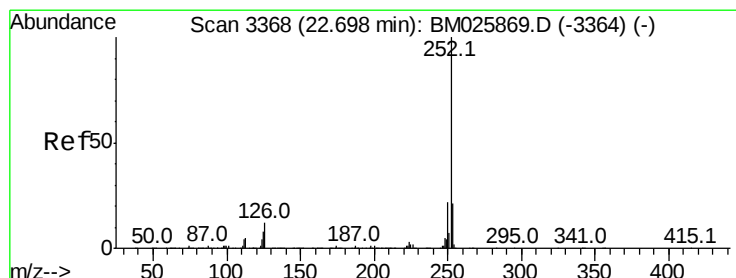
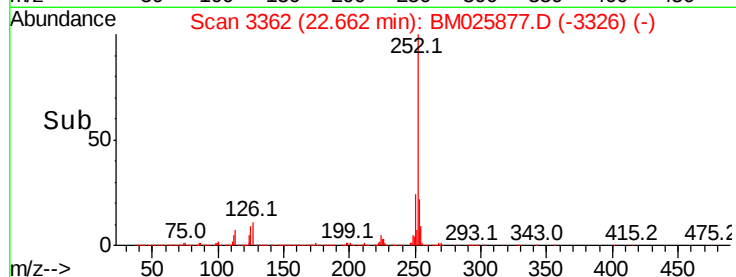
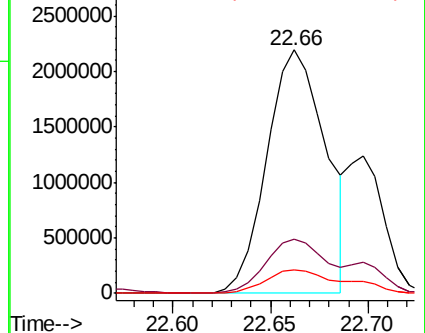
125 9.6 6.7 10.1



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



#89

Benzo(k)fluoranthene

Concen: 23.559 ng/ul

RT: 22.70 min Scan# 3368

Delta R.T. -0.00 min

Lab File: BM025877.D

Acq: 31 Mar 2020 22:15

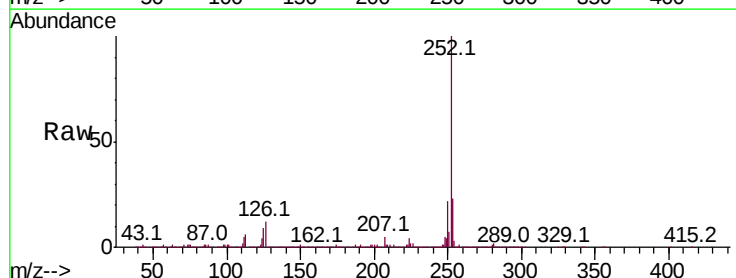
Tgt Ion:252 Resp: 1539914

Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

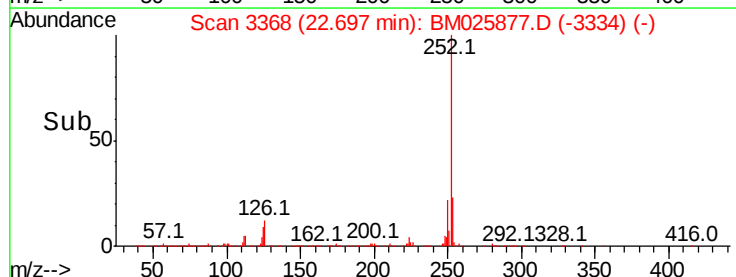
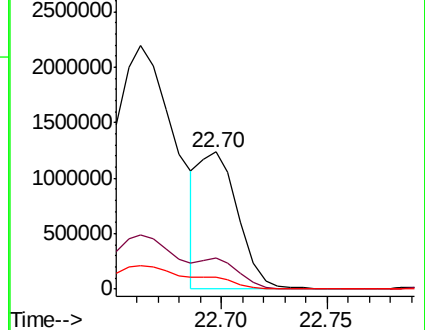
125 9.1 6.9 10.3

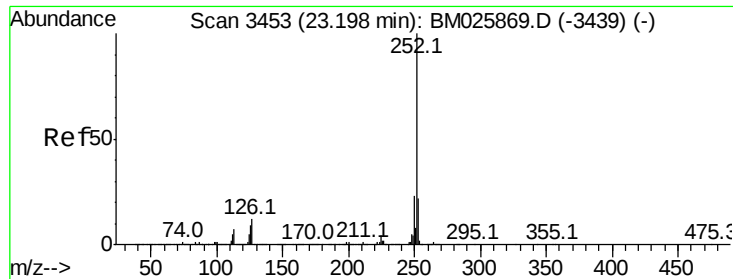


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 33.030 ng/ul

RT: 23.20 min Scan# 3454

Delta R.T. 0.01 min

Lab File: BM025877.D

Acq: 31 Mar 2020 22:15

Instrument :

BNA_M

ClientSampleId :

F3E06

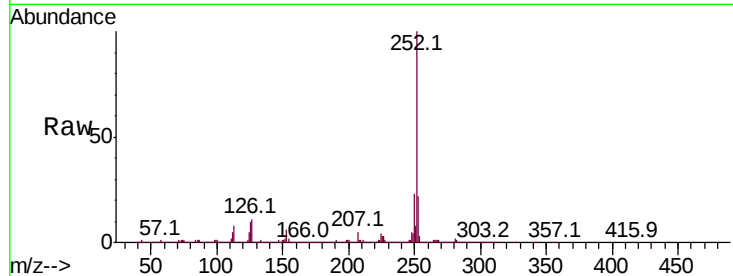
Tot Ion:252 Resp: 1994431

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.6

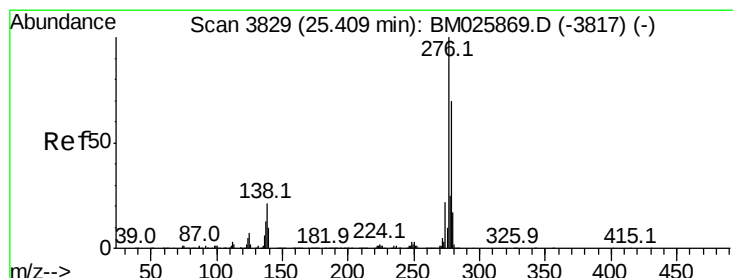
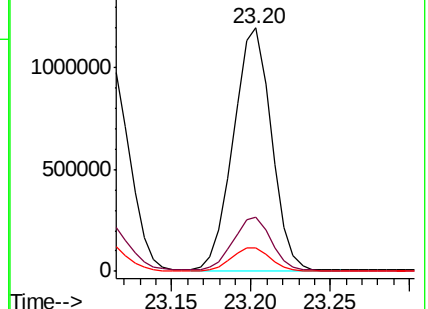
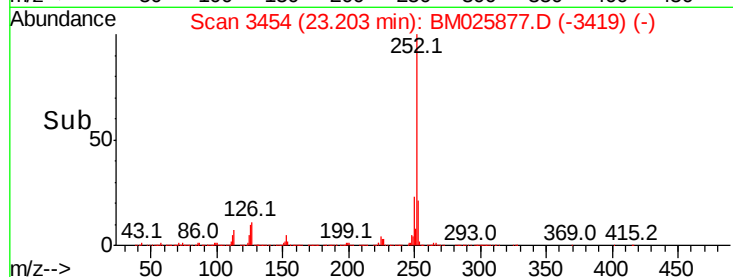
125 9.7 7.1 10.7



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: 11.222 ng/ul

RT: 25.41 min Scan# 3829

Delta R.T. -0.00 min

Lab File: BM025877.D

Acq: 31 Mar 2020 22:15

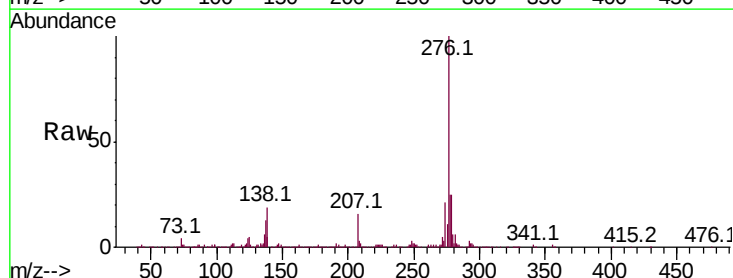
Tgt Ion:276 Resp: 894847

Ion Ratio Lower Upper

276 100

138 18.6 16.5 24.7

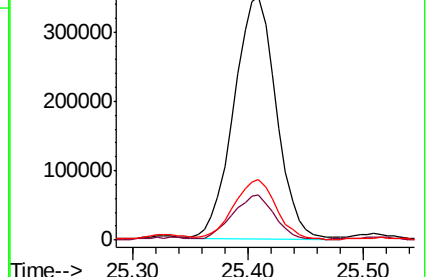
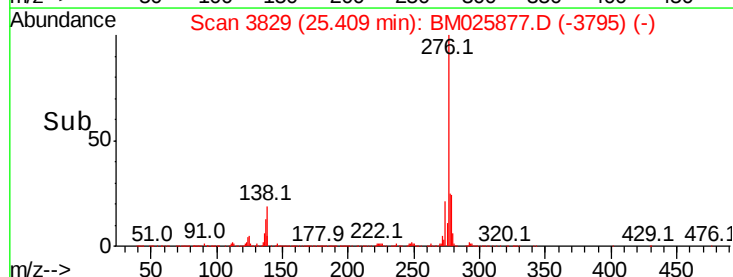
277 25.0 19.7 29.5

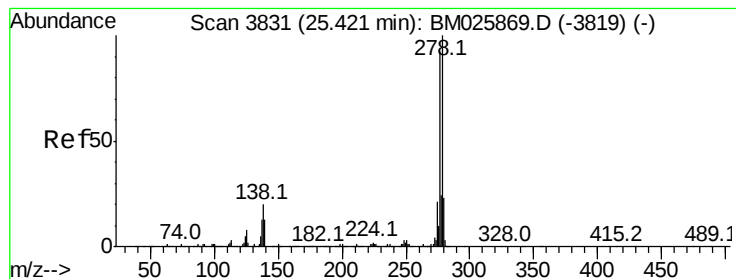


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 3.939 ng/ul

RT: 25.41 min Scan# 3829

Delta R.T. -0.01 min

Lab File: BM025877.D

Acq: 31 Mar 2020 22:15

Instrument :

BNA_M

ClientSampleId :

F3E06

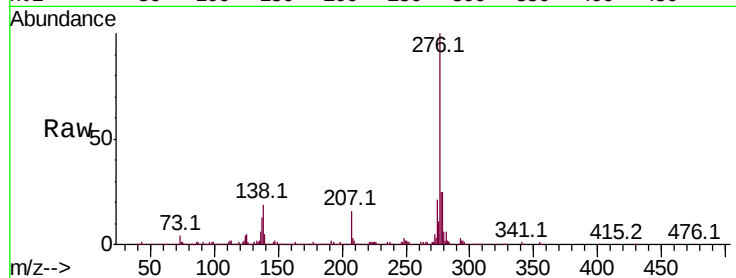
Tot Ion:278 Resp: 266005

Ion Ratio Lower Upper

278 100

139 19.0 10.4 15.6#

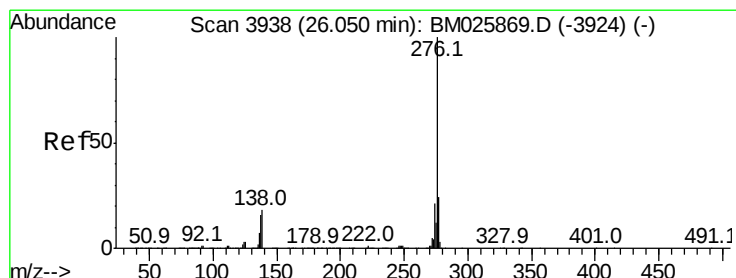
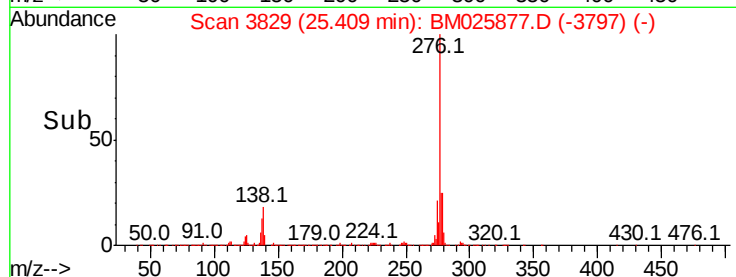
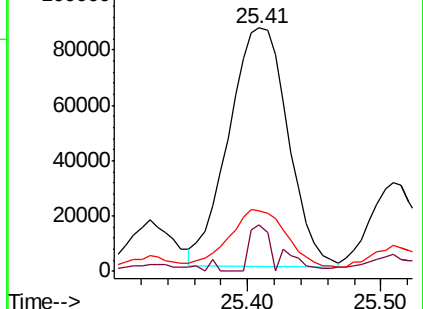
279 24.7 18.6 28.0



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: 7.318 ng/ul

RT: 26.05 min Scan# 3938

Delta R.T. -0.00 min

Lab File: BM025877.D

Acq: 31 Mar 2020 22:15

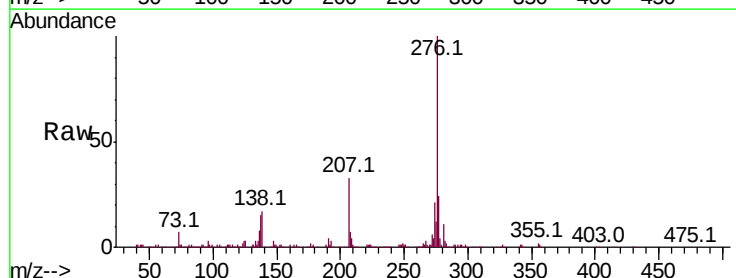
Tgt Ion:276 Resp: 480925

Ion Ratio Lower Upper

276 100

138 17.3 13.2 19.8

277 24.2 19.0 28.4



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

