

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
 Data File : BM025880.D
 Acq On : 01 Apr 2020 00:03
 Operator : CG/JU
 Sample : L2062-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F3E00

Quant Time: Apr 01 02:33:06 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	200403	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	822121	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	488828	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	1030351	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1095285	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	1215056	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	32428	6.79	ng/uL	0.00
5) Phenol-d5	6.75	99	667974	42.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	362992	40.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	548672	42.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	556487	42.82	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	273286	44.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	304184	46.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	590368	44.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	396825	25.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	1677871	45.16	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	2091674	46.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	301779	42.66	ng/ul	0.00
58) Fluorene-d10	15.20	176	1507267	46.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	260563	41.45	ng/ul	0.00
71) Anthracene-d10	17.04	188	2305108	47.90	ng/ul	0.00
79) Pyrene-d10	19.34	212	2457753	46.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	2998564	48.20	ng/ul	0.01

Target Compounds

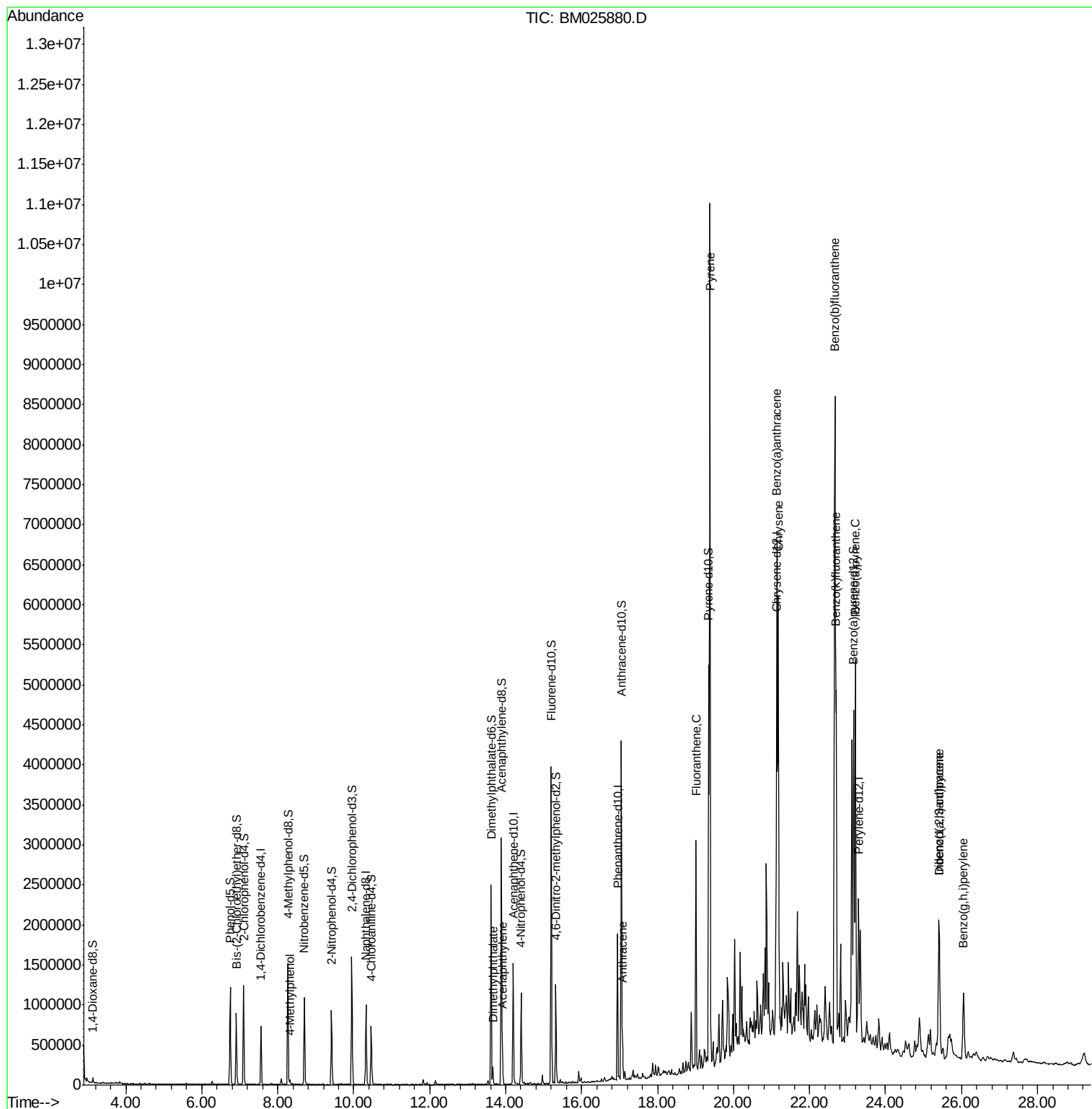
					Ovalue
16) 4-Methylphenol	8.32	108	20034	1.452	ng/ul 94
45) Dimethylphthalate	13.66	163	129415	3.346	ng/ul 99
48) Acenaphthylene	13.92	152	192326	3.990	ng/ul 99
72) Anthracene	17.08	178	379615	6.142	ng/ul 100
77) Fluoranthene	19.01	202	1633939	22.856	ng/ul 99
80) Pyrene	19.38	202	6413474	87.186	ng/ul 99
83) Benzo(a)anthracene	21.13	228	2894415	40.082	ng/ul 93
85) Chrysene	21.18	228	3626431	51.186	ng/ul 97
88) Benzo(b)fluoranthene	22.67	252	6359444	83.884	ng/ul 99
89) Benzo(k)fluoranthene	22.70	252	2654387	35.542	ng/ul 99
91) Benzo(a)pyrene	23.20	252	3119606	45.217	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.41	276	1467290	16.104	ng/ul 98
93) Dibenzo(a,h)anthracene	25.41	278	431293	5.590	ng/ul# 86
94) Benzo(g,h,i)perylene	26.05	276	952560	12.685	ng/ul 98

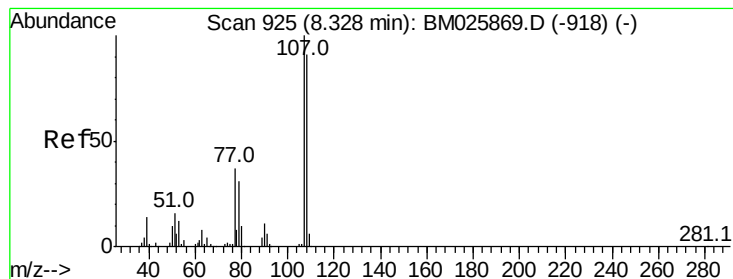
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 01 01:28:55 2020
Response via : Initial Calibration





#16

4-Methylphenol

Concen: 1.452 ng/ul

RT: 8.32 min Scan# 924

Delta R.T. -0.01 min

Lab File: BM025880.D

Acq: 01 Apr 2020 00:03

Instrument :

BNA_M

ClientSampleId :

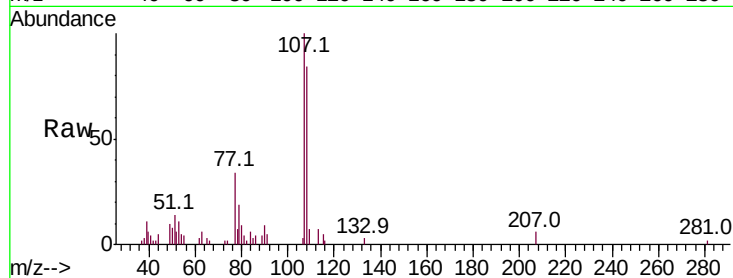
F3E00

Tot Ion:108 Resp: 20034

Ion Ratio Lower Upper

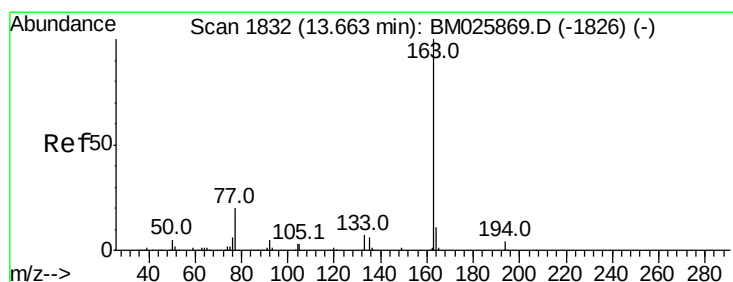
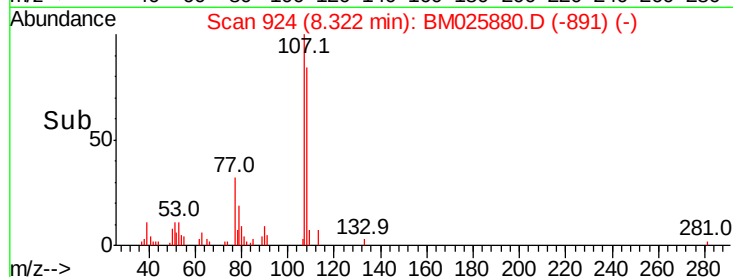
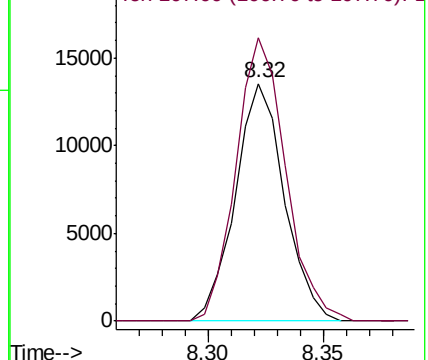
108 100

107 119.1 90.0 135.0



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#45

Dimethylphthalate

Concen: 3.346 ng/ul

RT: 13.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BM025880.D

Acq: 01 Apr 2020 00:03

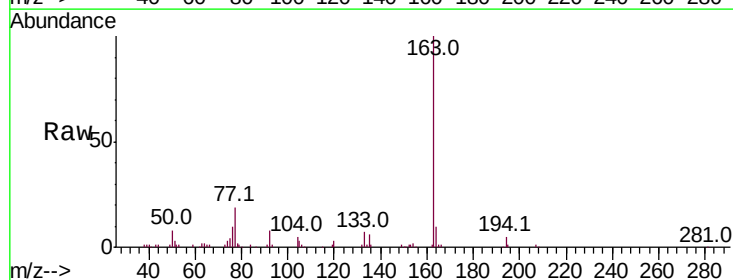
Tgt Ion:163 Resp: 129415

Ion Ratio Lower Upper

163 100

194 4.8 3.5 5.3

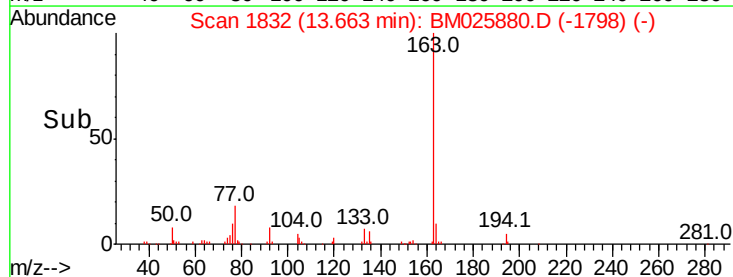
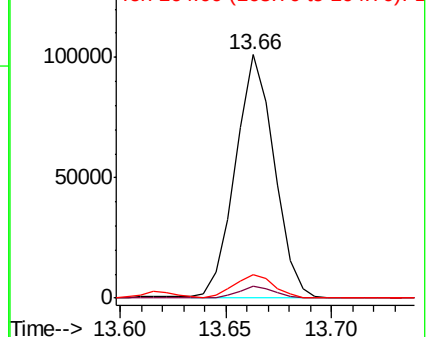
164 9.8 8.2 12.4

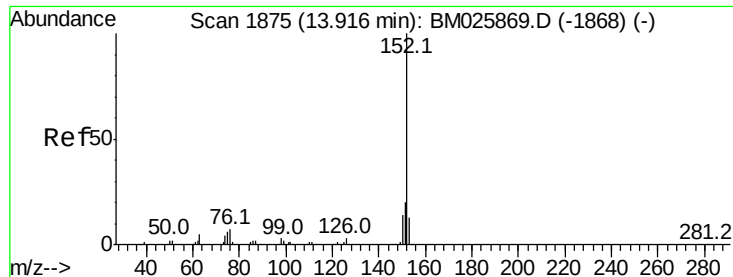


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#48

Acenaphthylene

Concen: 3.990 ng/ul

RT: 13.92 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BM025880.D

Acq: 01 Apr 2020 00:03

Instrument :

BNA_M

ClientSampleId :

F3E00

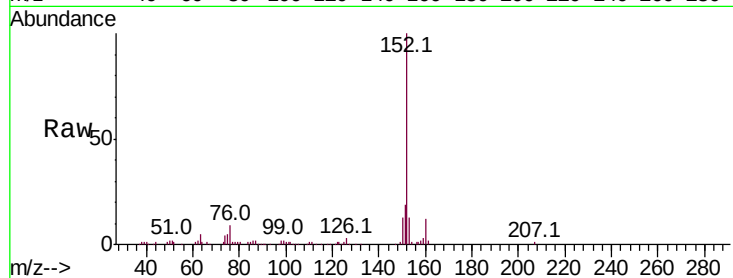
Tot Ion:152 Resp: 192326

Ion Ratio Lower Upper

152 100

151 19.1 15.8 23.6

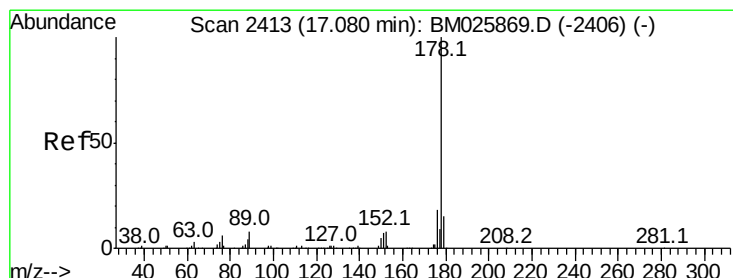
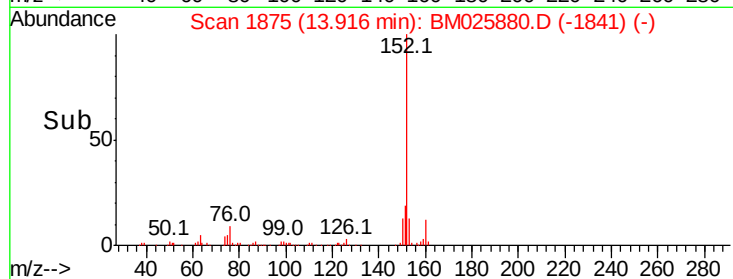
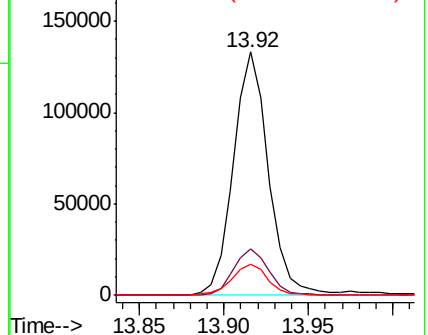
153 12.8 10.6 16.0



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



#72

Anthracene

Concen: 6.142 ng/ul

RT: 17.08 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BM025880.D

Acq: 01 Apr 2020 00:03

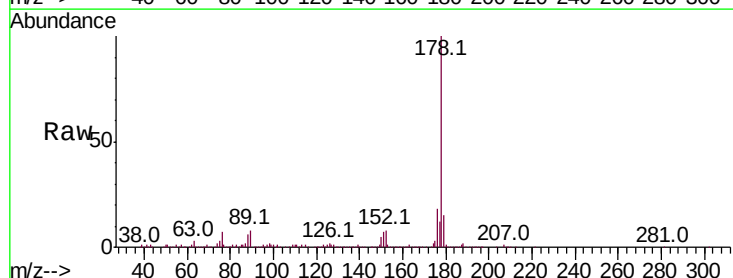
Tgt Ion:178 Resp: 379615

Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

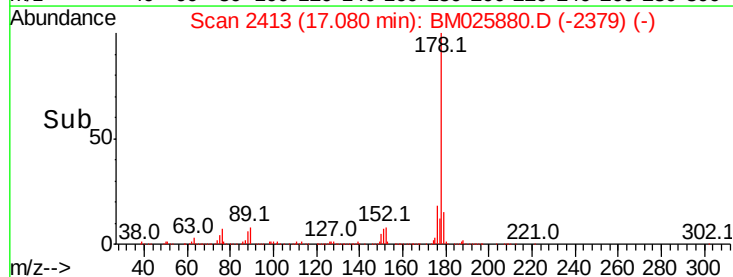
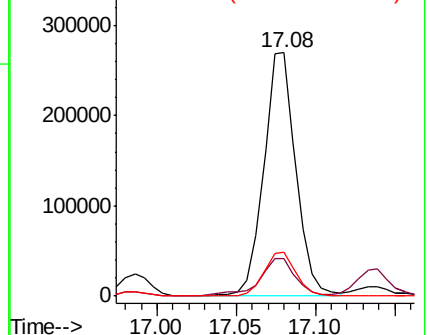
176 18.1 14.5 21.7

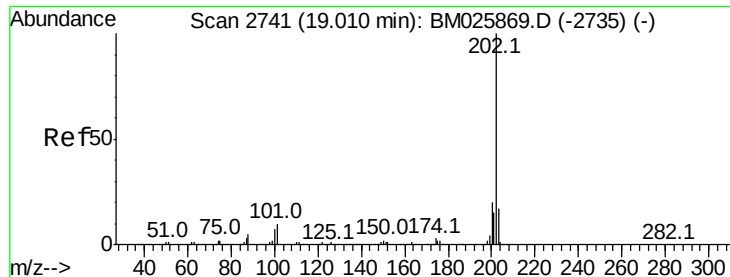


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 22.856 ng/ul

RT: 19.01 min Scan# 2741

Delta R.T. -0.00 min

Lab File: BM025880.D

Acq: 01 Apr 2020 00:03

Instrument :

BNA_M

ClientSampleId :

F3E00

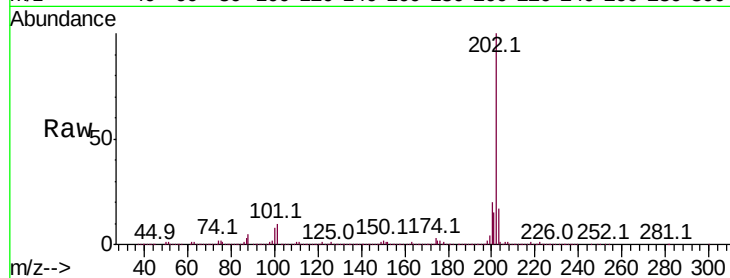
Tot Ion:202 Resp: 1633939

Ion Ratio Lower Upper

202 100

101 10.0 8.2 12.4

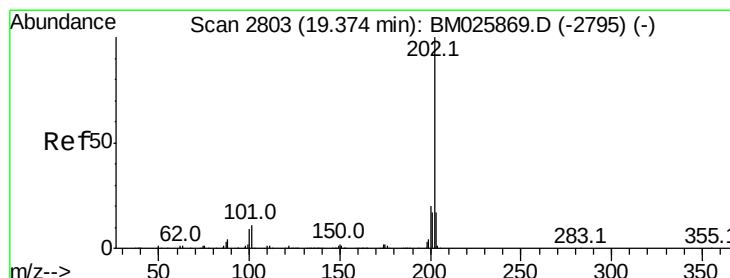
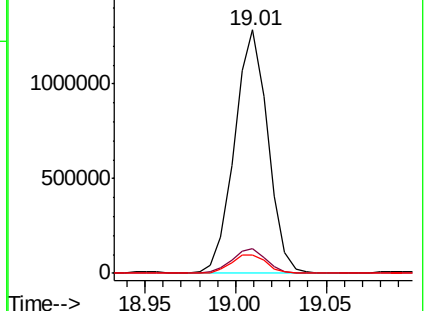
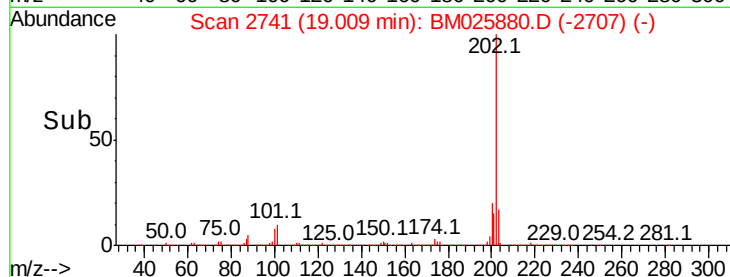
100 7.7 6.5 9.7



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: 87.186 ng/ul

RT: 19.38 min Scan# 2804

Delta R.T. 0.01 min

Lab File: BM025880.D

Acq: 01 Apr 2020 00:03

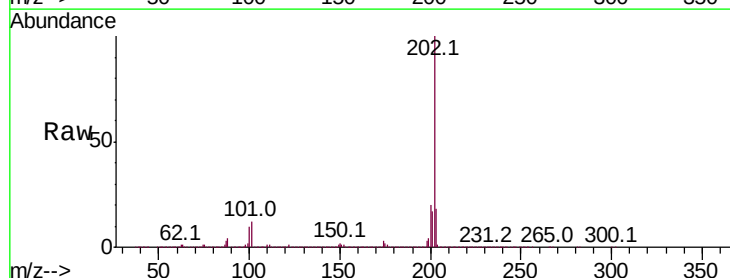
Tgt Ion:202 Resp: 6413474

Ion Ratio Lower Upper

202 100

101 11.7 8.9 13.3

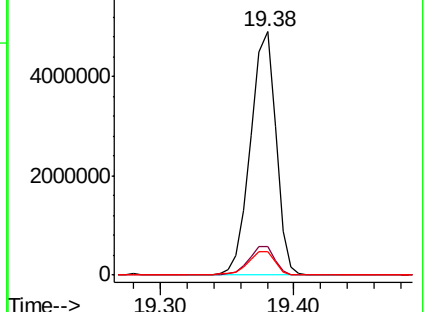
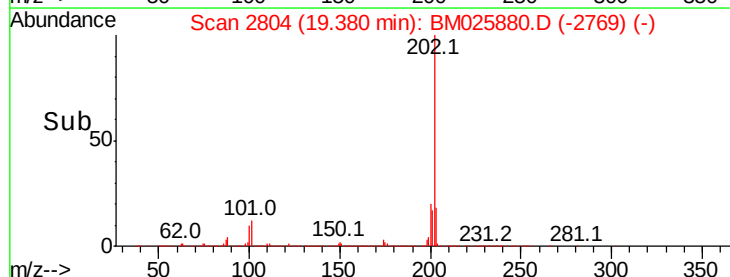
100 9.8 7.5 11.3

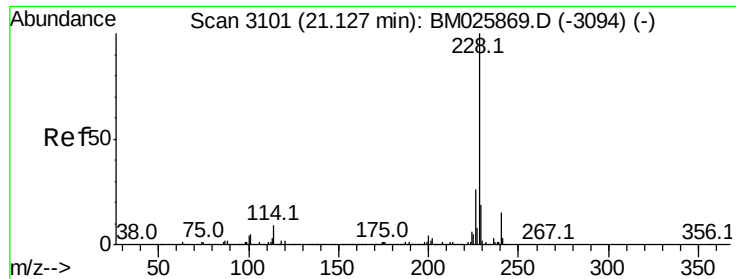


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

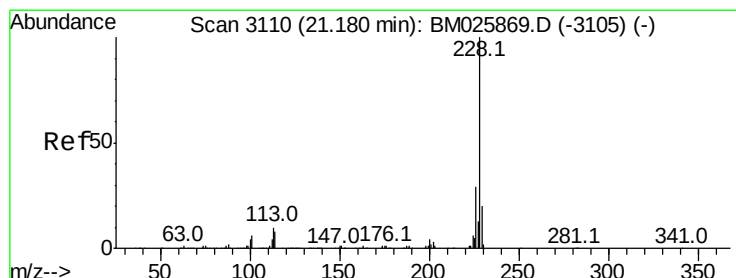
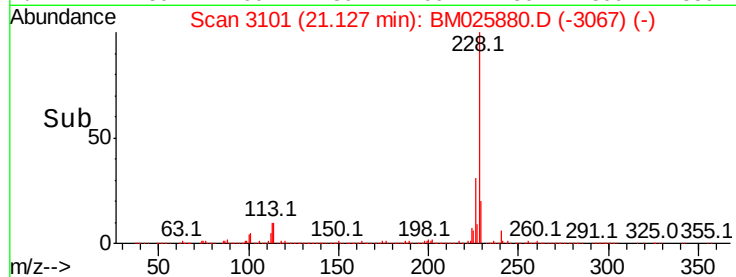
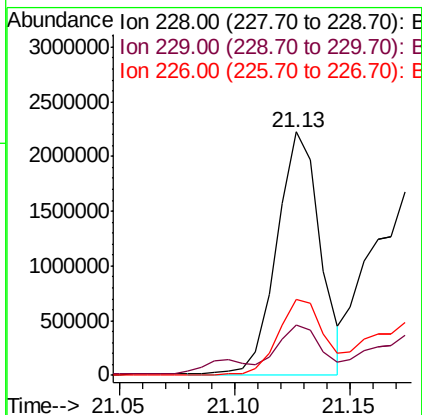
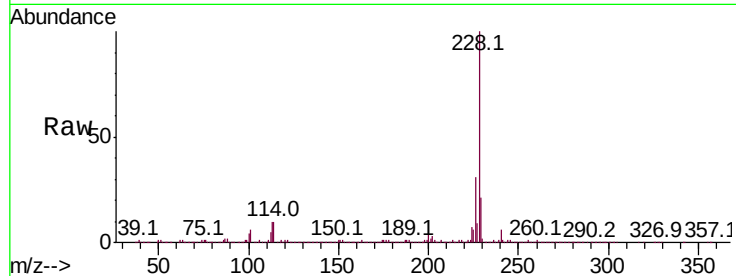




#83
Benzo(a)anthracene
Concen: 40.082 ng/ul
RT: 21.13 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BM025880.D
Acq: 01 Apr 2020 00:03

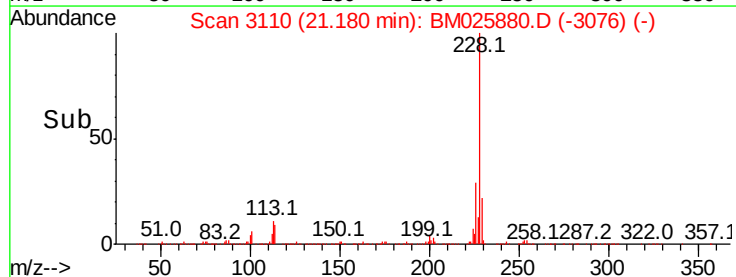
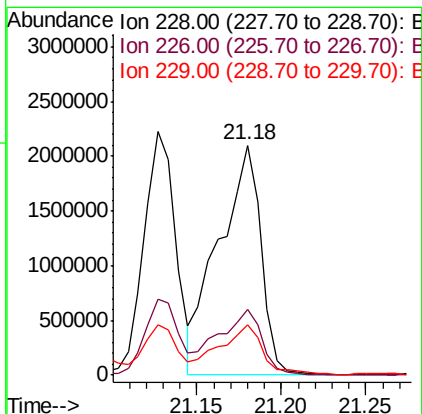
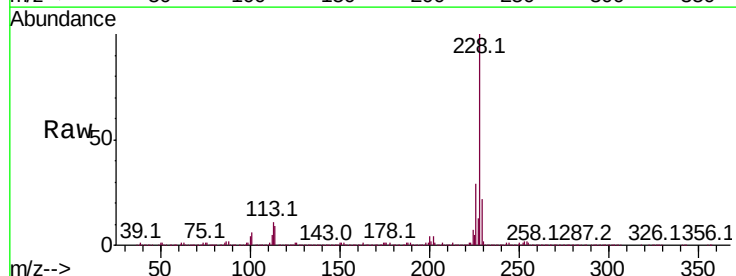
Instrument :
BNA_M
ClientSampleId :
F3E00

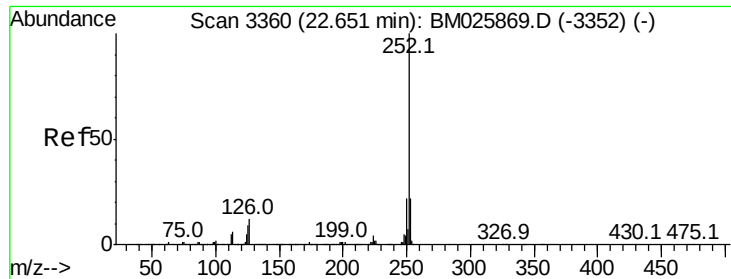
Tot Ion:228 Resp: 2894415
Ion Ratio Lower Upper
228 100
229 20.8 15.5 23.3
226 31.1 21.0 31.6



#85
Chrysene
Concen: 51.186 ng/ul
RT: 21.18 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BM025880.D
Acq: 01 Apr 2020 00:03

Tgt Ion:228 Resp: 3626431
Ion Ratio Lower Upper
228 100
226 28.7 23.4 35.0
229 21.9 15.6 23.4





#88

Benzo(b)fluoranthene

Concen: 83.884 ng/ul

RT: 22.67 min Scan# 3363

Delta R.T. 0.02 min

Lab File: BM025880.D

Acq: 01 Apr 2020 00:03

Instrument :

BNA_M

ClientSampleId :

F3E00

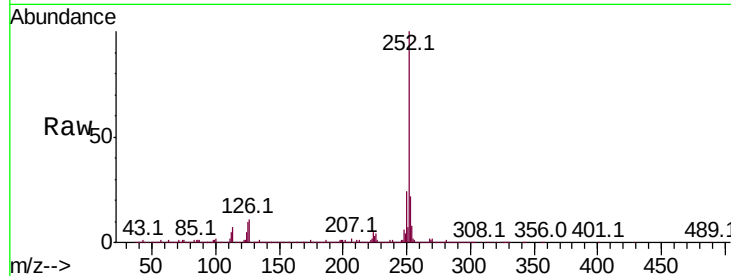
Tot Ion:252 Resp: 6359444

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

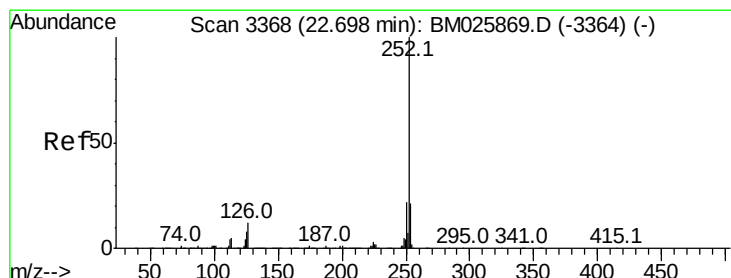
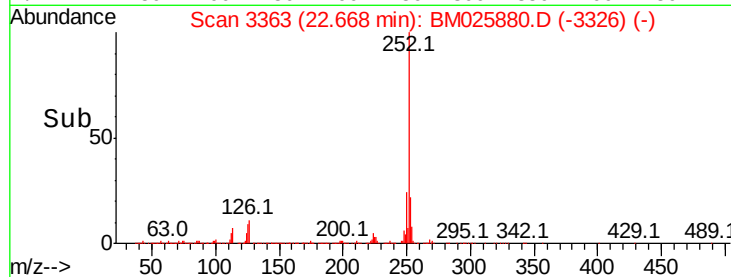
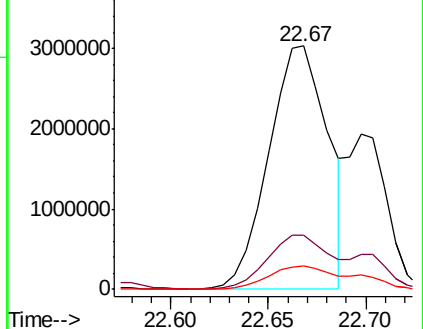
125 9.5 6.7 10.1



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: 35.542 ng/ul

RT: 22.70 min Scan# 3368

Delta R.T. -0.00 min

Lab File: BM025880.D

Acq: 01 Apr 2020 00:03

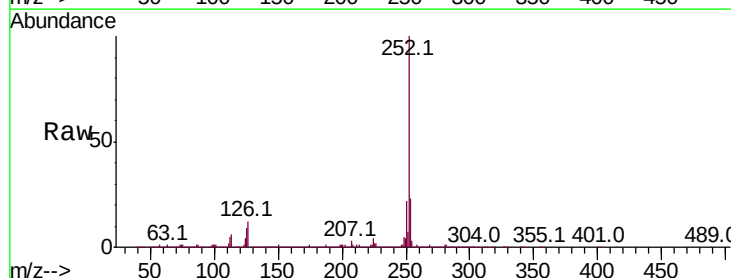
Tgt Ion:252 Resp: 2654387

Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

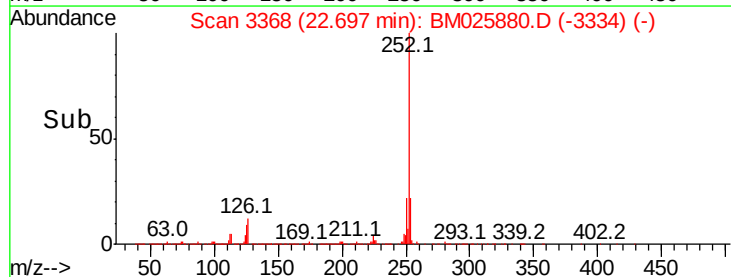
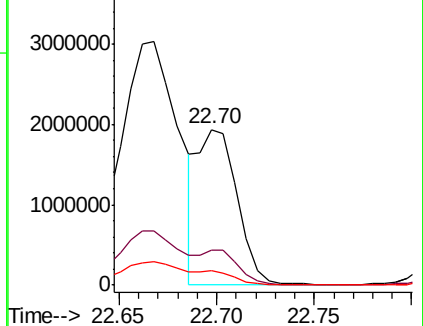
125 9.2 6.9 10.3

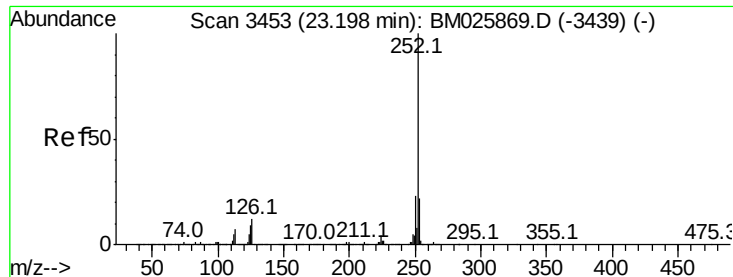


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 45.217 ng/ul

RT: 23.20 min Scan# 3454

Delta R.T. 0.01 min

Lab File: BM025880.D

Acq: 01 Apr 2020 00:03

Instrument :

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ClientSampleId :

F3E00

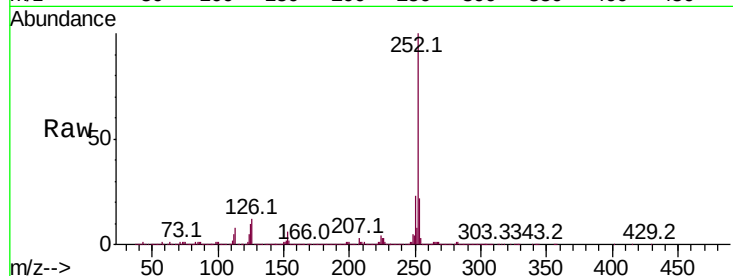
Tot Ion:252 Resp: 3119606

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	10.0	7.1	10.7

252 100

253 22.2 17.0 25.6

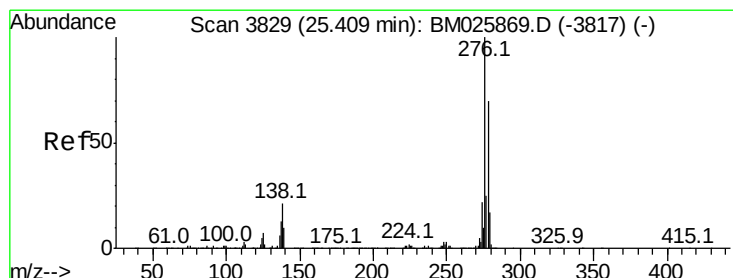
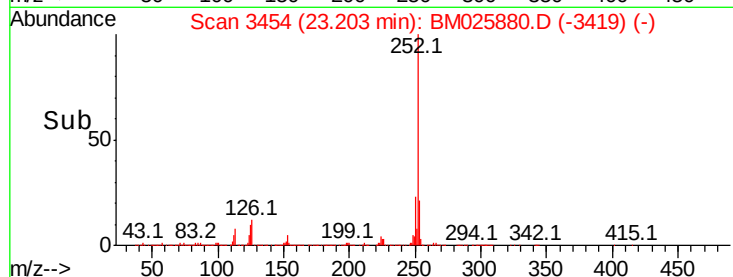
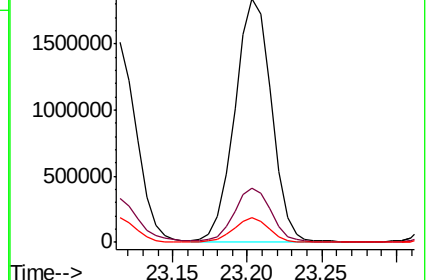
125 10.0 7.1 10.7



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: 16.104 ng/ul

RT: 25.41 min Scan# 3829

Delta R.T. -0.00 min

Lab File: BM025880.D

Acq: 01 Apr 2020 00:03

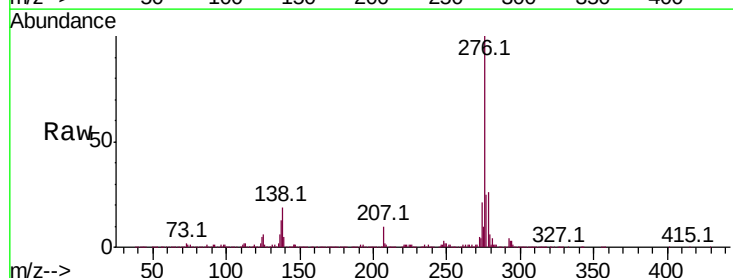
Tgt Ion:276 Resp: 1467290

Ion	Ratio	Lower	Upper
276	100		
138	18.6	16.5	24.7
277	24.7	19.7	29.5

276 100

138 18.6 16.5 24.7

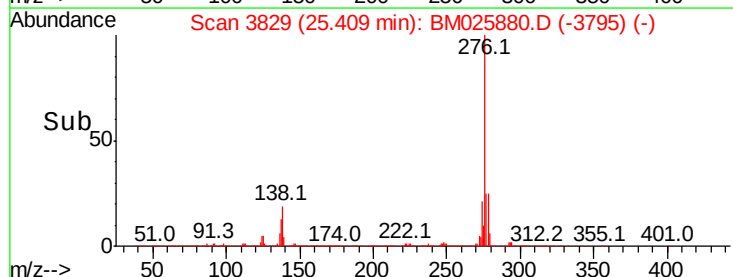
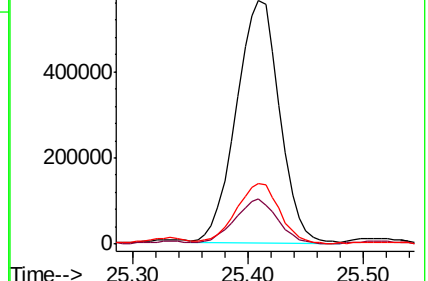
277 24.7 19.7 29.5

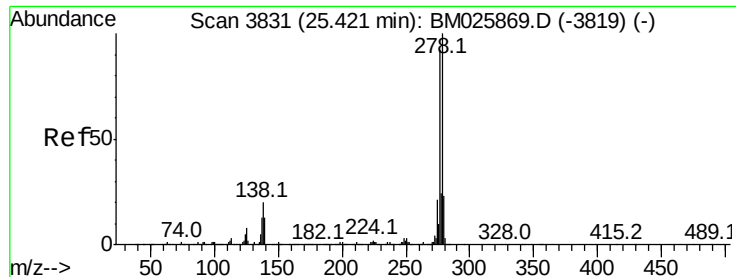


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 5.590 ng/ul

RT: 25.41 min Scan# 3830

Delta R.T. -0.01 min

Lab File: BM025880.D

Acq: 01 Apr 2020 00:03

Instrument :

BNA_M

ClientSampleId :

F3E00

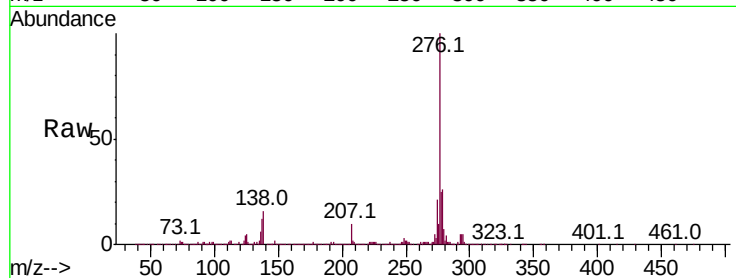
Tot Ion:278 Resp: 431293

Ion Ratio Lower Upper

278 100

139 0.0 10.4 15.6#

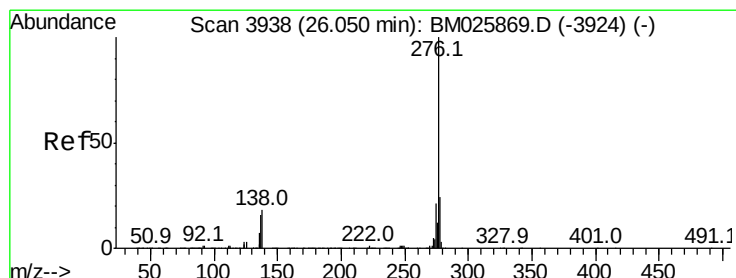
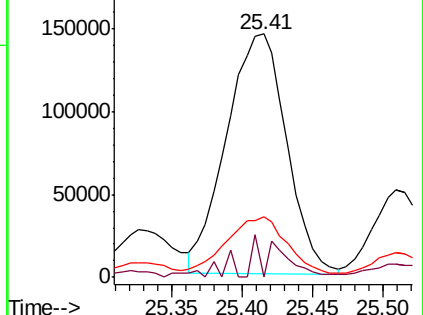
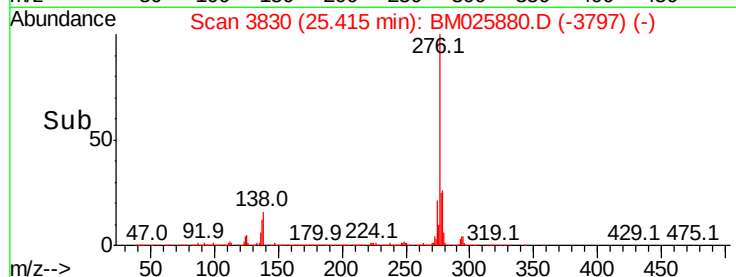
279 25.1 18.6 28.0



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: 12.685 ng/ul

RT: 26.05 min Scan# 3938

Delta R.T. -0.00 min

Lab File: BM025880.D

Acq: 01 Apr 2020 00:03

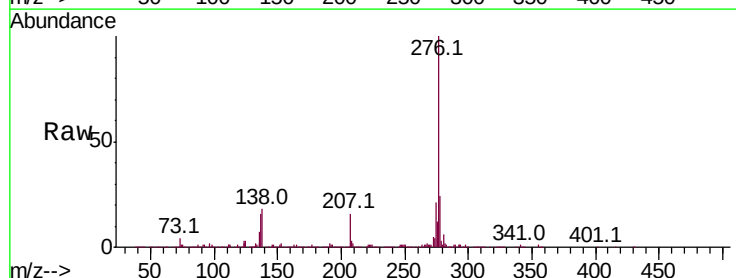
Tgt Ion:276 Resp: 952560

Ion Ratio Lower Upper

276 100

138 18.2 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

