

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022939.D
 Acq On : 04 Oct 2019 03:02
 Operator : JU
 Sample : K4988-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 04 04:35:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 02:36:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	228175	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	983460	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	575610	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	1022162	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	807611	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	940899	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	12599	2.39	ng/uL	0.00
5) Phenol-d5	6.96	99	221774	11.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	144167	13.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	199794	12.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	100918	6.11	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	100781	13.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	109400	13.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	193993	11.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	211012	10.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.84	166	622683	13.94	ng/ul	0.00
47) Acenaphthylene-d8	14.12	160	726877	14.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	51108	5.79	ng/ul	0.00
58) Fluorene-d10	15.42	176	525527	13.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.54	200	37546	5.64	ng/ul	0.00
71) Anthracene-d10	17.27	188	691595	13.86	ng/ul	0.00
79) Pyrene-d10	19.56	212	722341	16.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	736210	15.13	ng/ul	0.00

Target Compounds

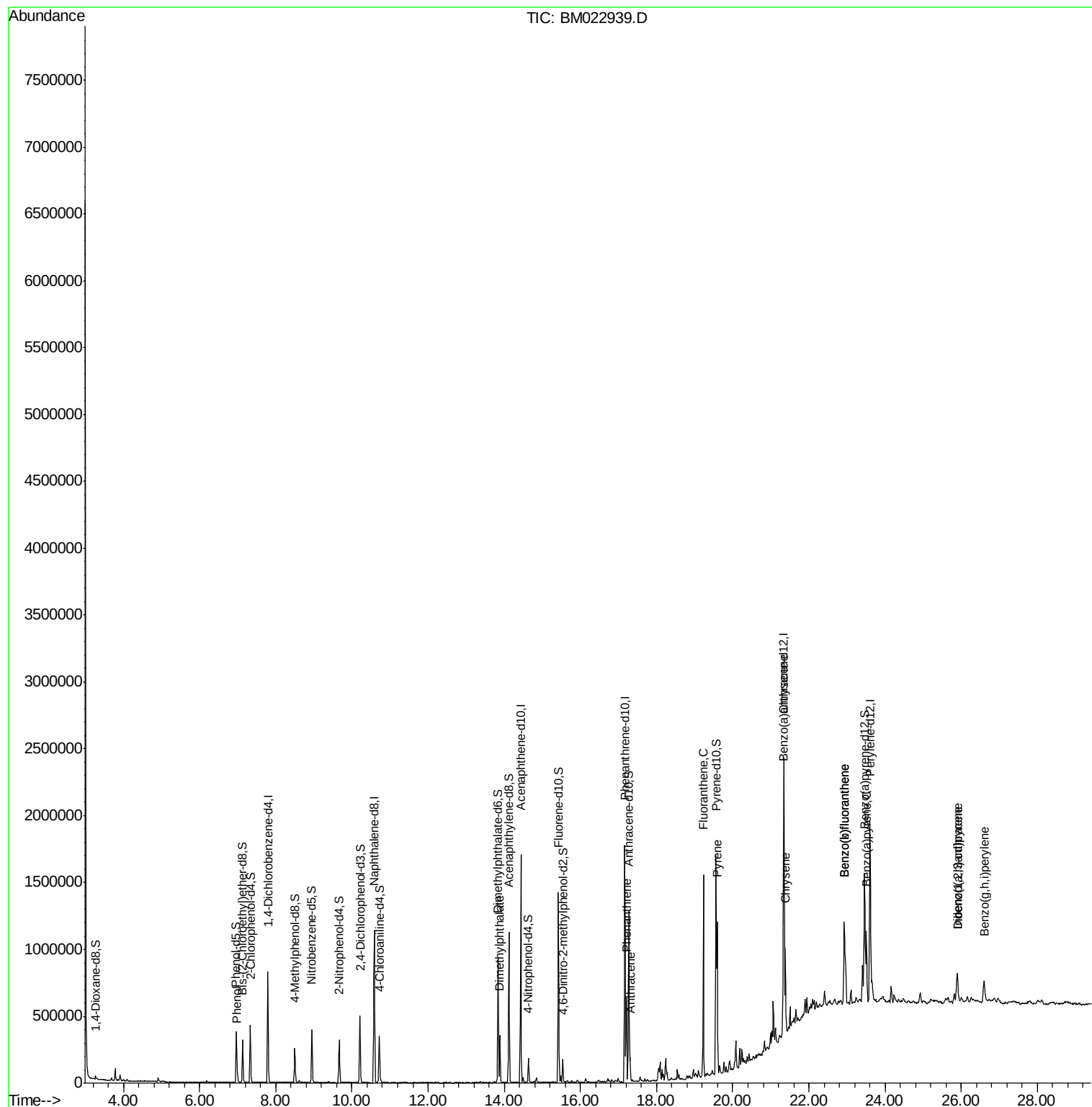
					Ovalue
6) Phenol	6.99	94	39189	1.854	ng/ul 98
45) Dimethylphthalate	13.89	163	231200	5.038	ng/ul 100
70) Phenanthrene	17.21	178	380123	6.231	ng/ul 99
72) Anthracene	17.30	178	108665	1.748	ng/ul 99
77) Fluoranthene	19.23	202	861481	12.556	ng/ul 100
80) Pyrene	19.59	202	688364	12.024	ng/ul 100
83) Benzo(a)anthracene	21.33	228	404766	6.981	ng/ul 99
85) Chrysene	21.38	228	359571	6.726	ng/ul 98
88) Benzo(b)fluoranthene	22.93	252	449175	7.194	ng/ul 98
89) Benzo(k)fluoranthene	22.93	252	449175	7.519	ng/ul 97
91) Benzo(a)pyrene	23.51	252	319540	5.455	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.90	276	209231	3.363	ng/ul 96
93) Dibenzo(a,h)anthracene	25.90	278	60874	1.169	ng/ul# 78
94) Benzo(g,h,i)perylene	26.60	276	187401	3.733	ng/ul 100

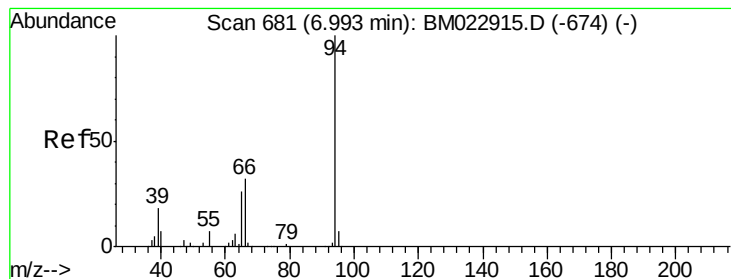
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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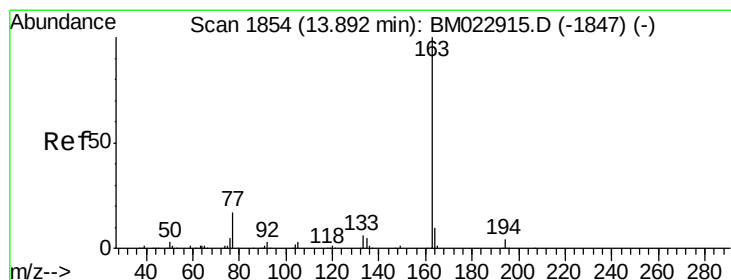
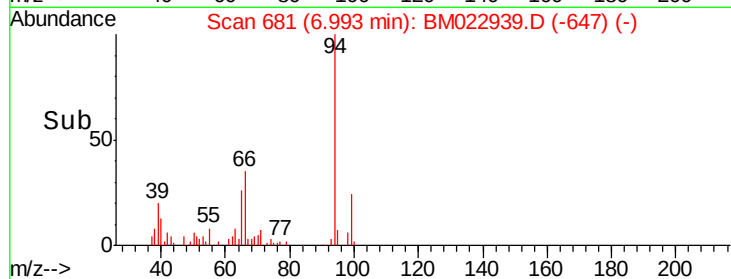
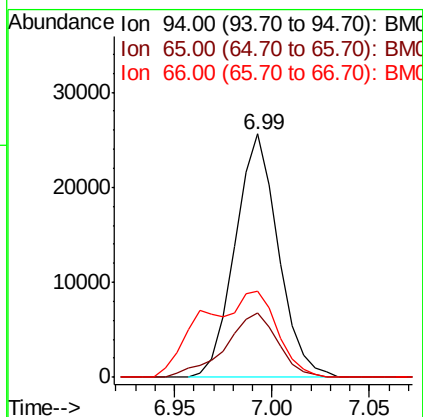
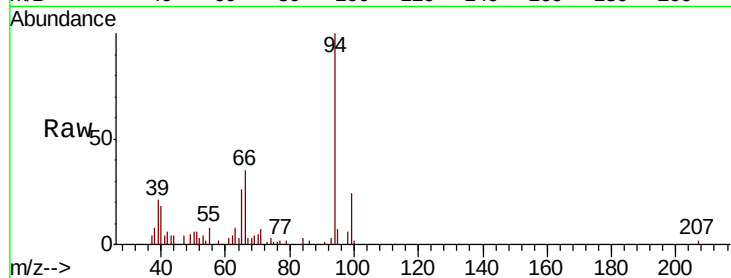
#6

Phenol

Concen: 1.854 ng/ul
 RT: 6.99 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BM022939.D
 Acq: 04 Oct 2019 03:02

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
94	94	100		
65	65	26.4	20.9	31.3
66	66	35.5	27.2	40.8

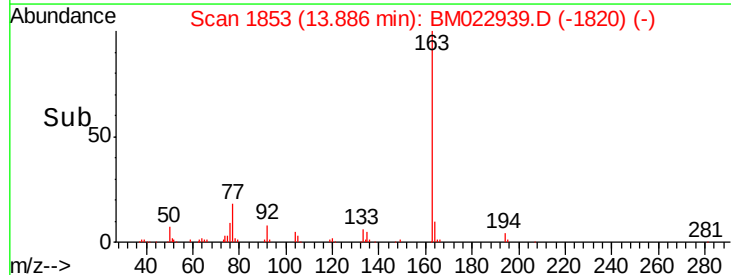
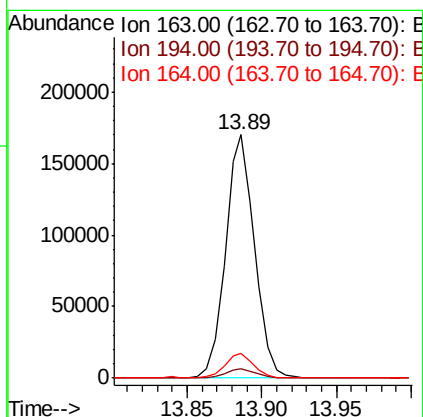
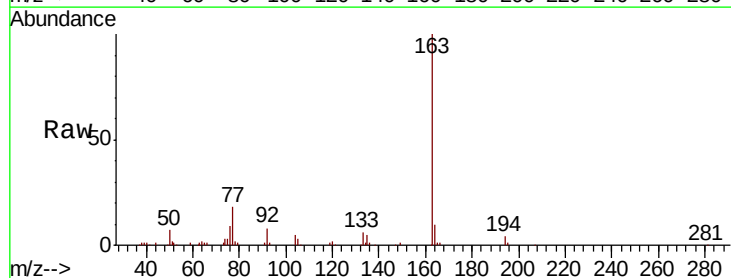


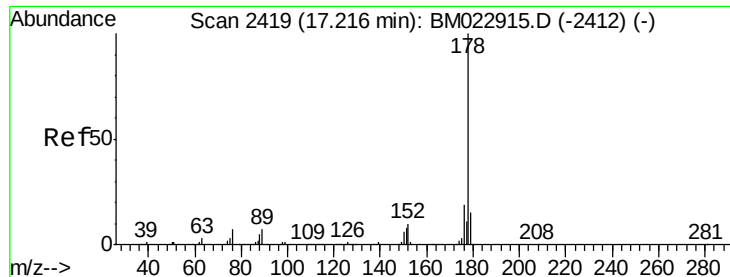
#45

Dimethylphthalate

Concen: 5.038 ng/ul
 RT: 13.89 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BM022939.D
 Acq: 04 Oct 2019 03:02

Tgt Ion	Ion	Ratio	Lower	Upper
163	163	100		
194	194	4.0	3.4	5.0
164	164	10.0	8.1	12.1

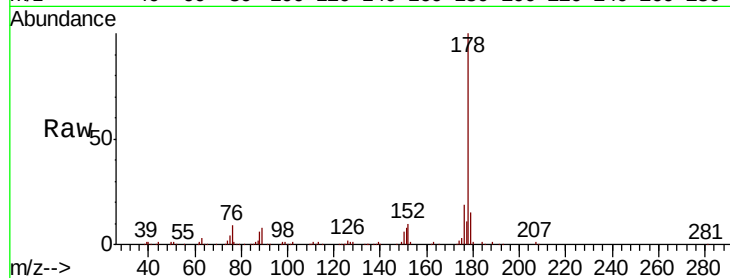




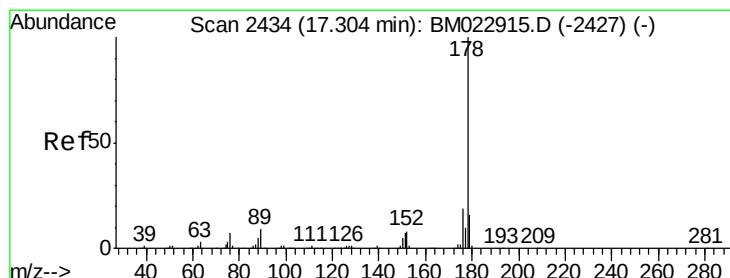
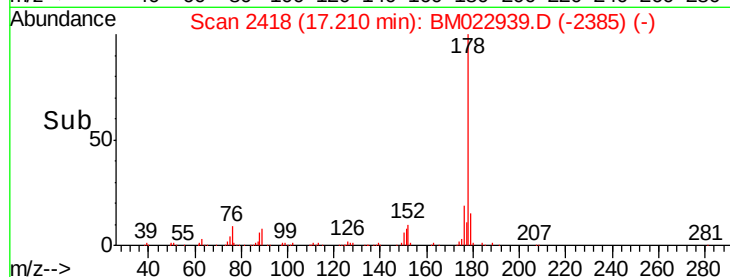
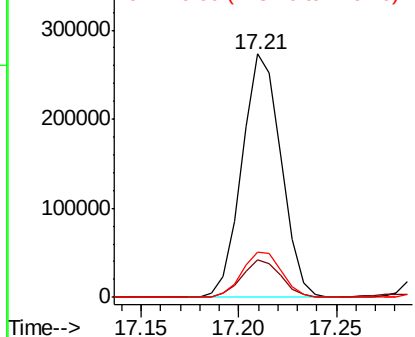
#70
Phenanthrene
Concen: 6.231 ng/ul
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM022939.D
Acq: 04 Oct 2019 03:02

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 380123
Ion Ratio Lower Upper
178 100
179 15.2 12.4 18.6
176 18.5 15.3 22.9

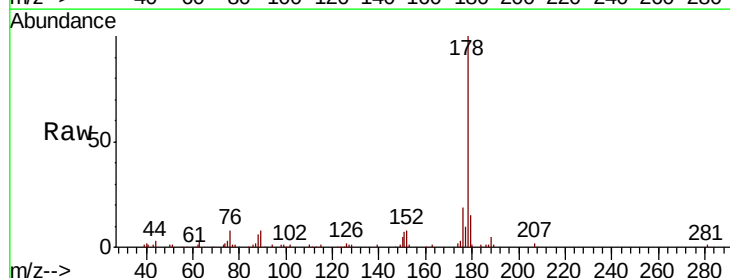


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

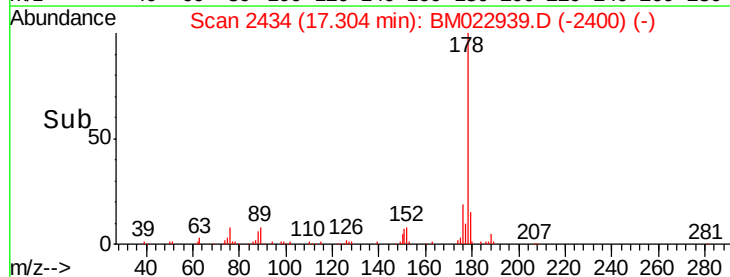
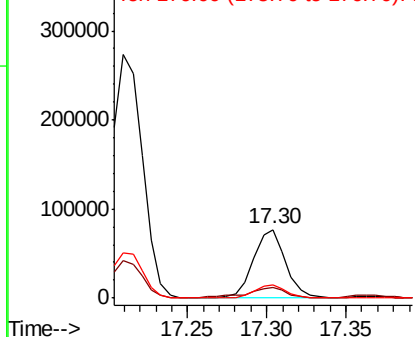


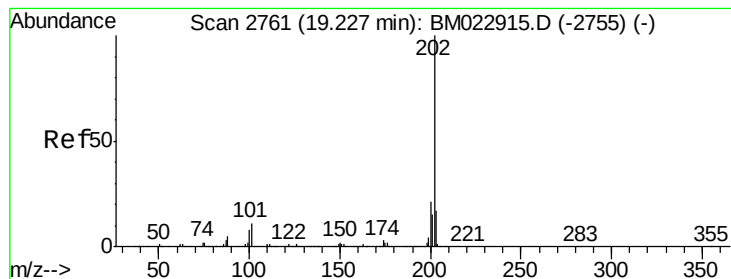
#72
Anthracene
Concen: 1.748 ng/ul
RT: 17.30 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BM022939.D
Acq: 04 Oct 2019 03:02

Tgt Ion:178 Resp: 108665
Ion Ratio Lower Upper
178 100
179 14.6 12.4 18.6
176 18.5 15.0 22.6



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: 12.556 ng/ul

RT: 19.23 min Scan# 2761

Delta R.T. -0.00 min

Lab File: BM022939.D

Acq: 04 Oct 2019 03:02

Instrument :

BNA_M

ClientSampleId :

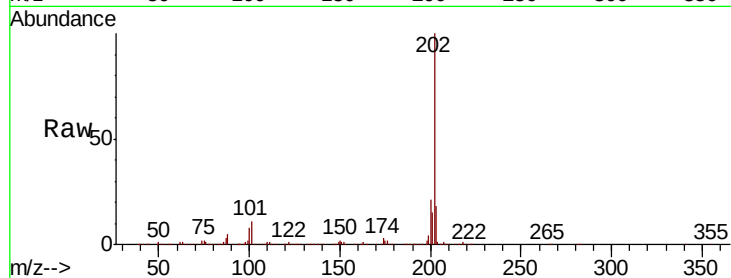
Tot Ion:202 Resp: 861481

Ion Ratio Lower Upper

202 100

101 10.6 8.6 12.8

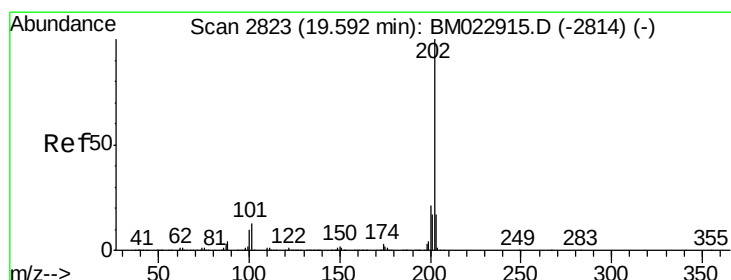
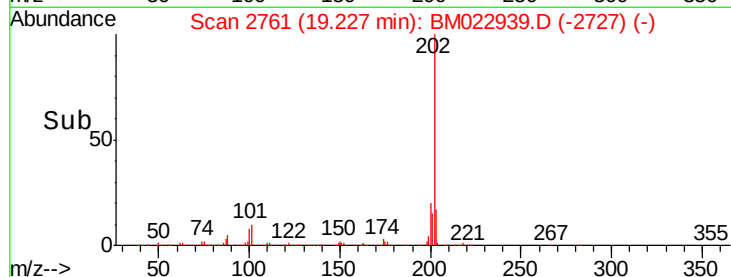
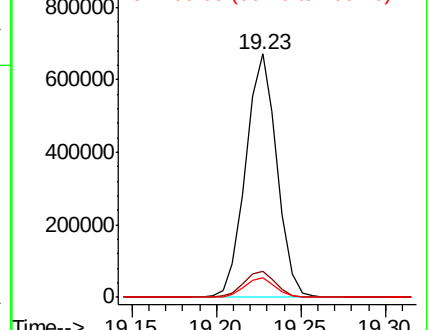
100 8.2 6.4 9.6



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: 12.024 ng/ul

RT: 19.59 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BM022939.D

Acq: 04 Oct 2019 03:02

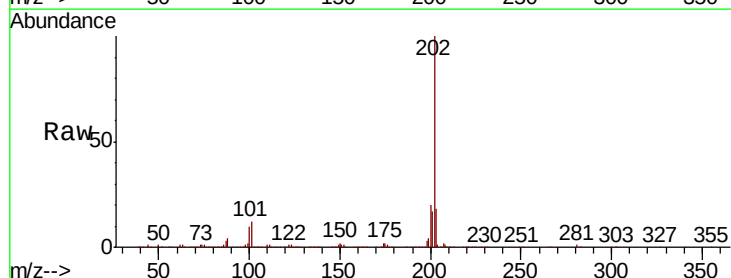
Tgt Ion:202 Resp: 688364

Ion Ratio Lower Upper

202 100

101 12.1 9.7 14.5

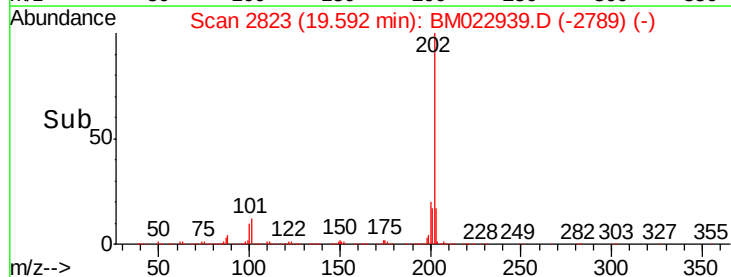
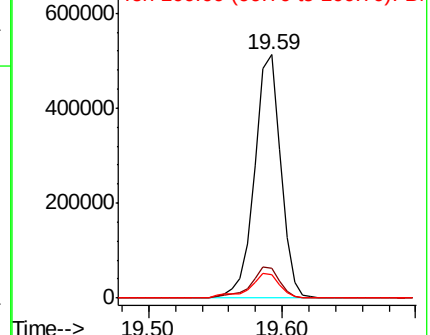
100 9.5 7.8 11.8

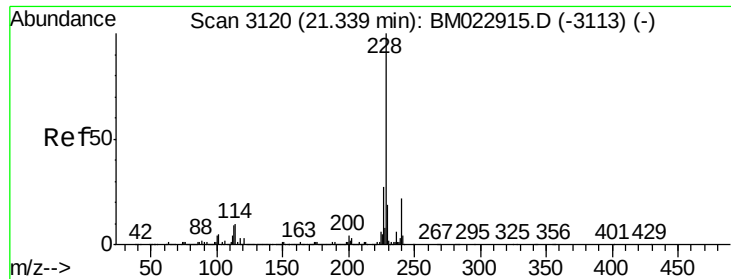


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

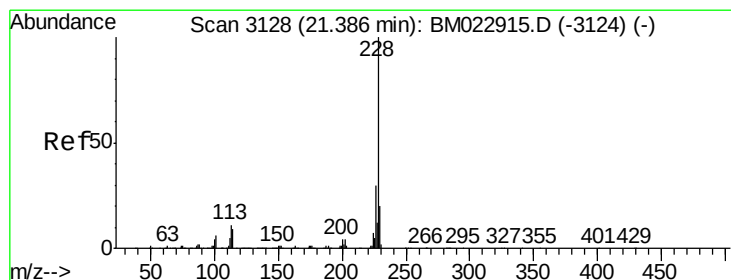
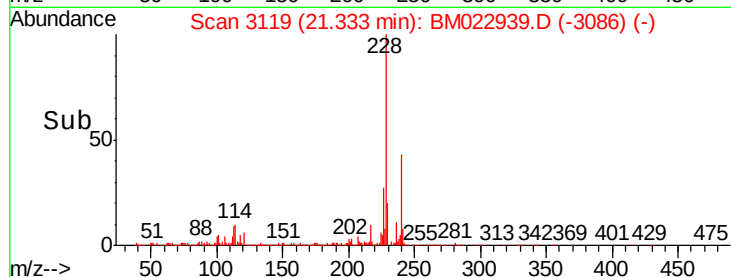
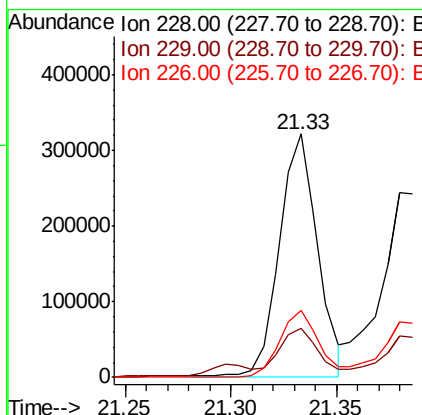
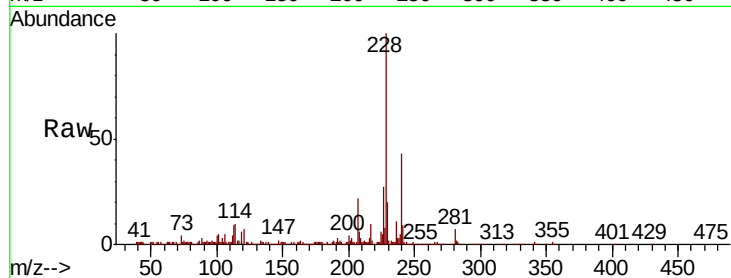




#83
Benzo(a)anthracene
Concen: 6.981 ng/ul
RT: 21.33 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM022939.D
Acq: 04 Oct 2019 03:02

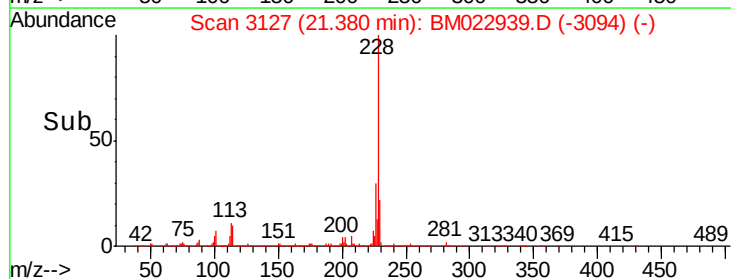
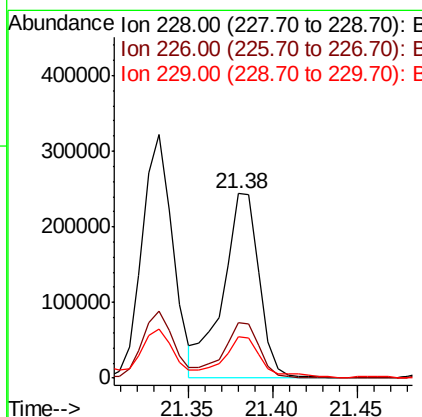
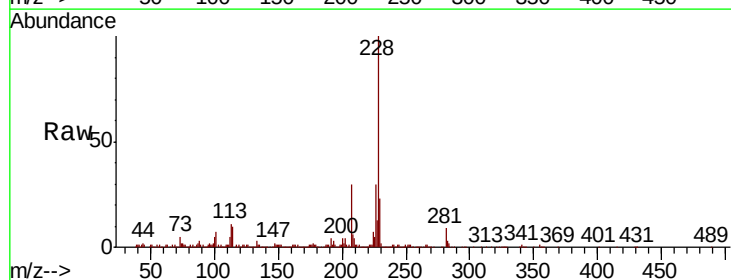
Instrument :
BNA_M
ClientSampleId :

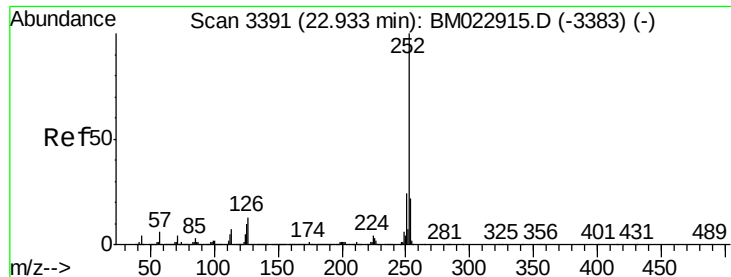
Tot Ion:228 Resp: 404766
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.8
226 27.5 22.4 33.6



#85
Chrysene
Concen: 6.726 ng/ul
RT: 21.38 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BM022939.D
Acq: 04 Oct 2019 03:02

Tgt Ion:228 Resp: 359571
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.4
229 22.6 15.9 23.9





#88

Benzo(b)fluoranthene

Concen: 7.194 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. -0.01 min

Lab File: BM022939.D

Acq: 04 Oct 2019 03:02

Instrument :

BNA_M

ClientSampleId :

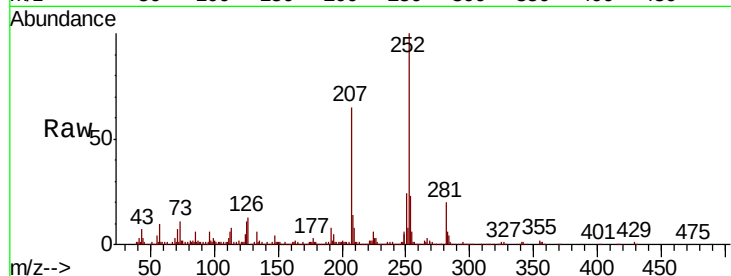
Tot Ion:252 Resp: 449175

Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

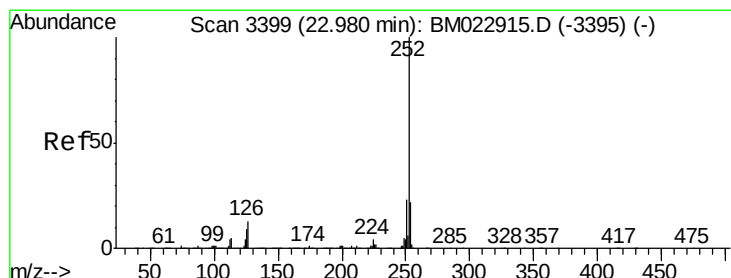
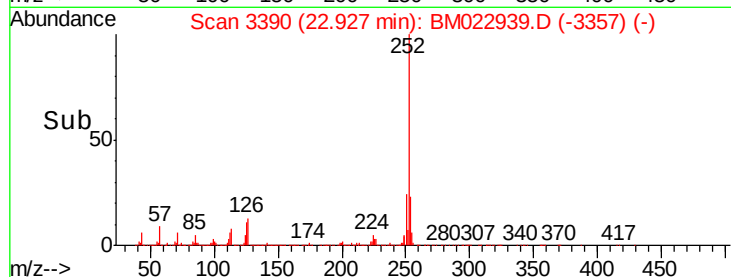
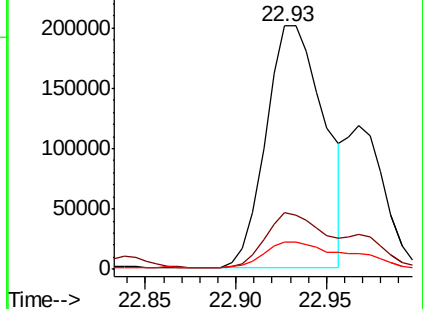
125 11.3 8.2 12.2



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: 7.519 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. -0.05 min

Lab File: BM022939.D

Acq: 04 Oct 2019 03:02

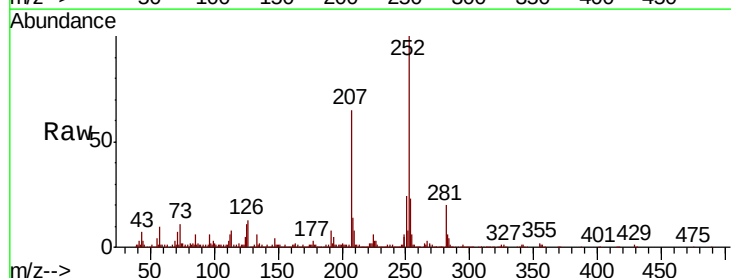
Tgt Ion:252 Resp: 449175

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

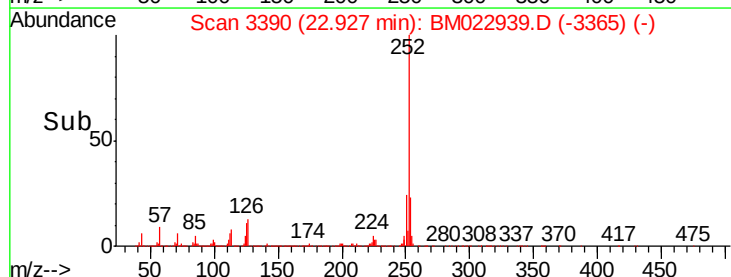
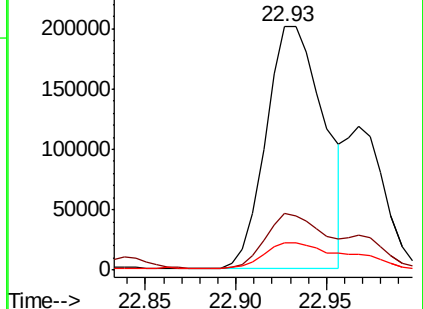
125 11.3 7.9 11.9

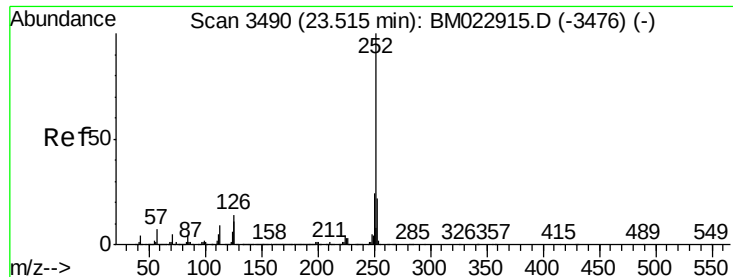


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 5.455 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM022939.D

Acq: 04 Oct 2019 03:02

Instrument :

BNA_M

ClientSampleId :

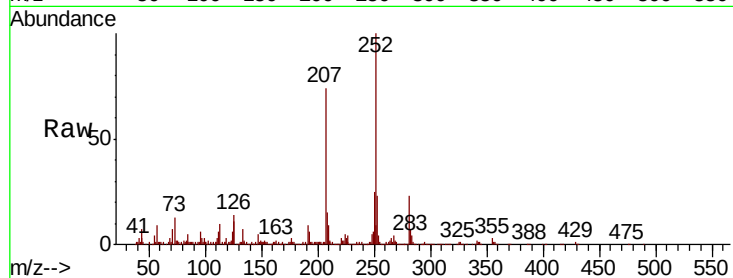
Tot Ion:252 Resp: 319540

Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

125 11.5 8.7 13.1

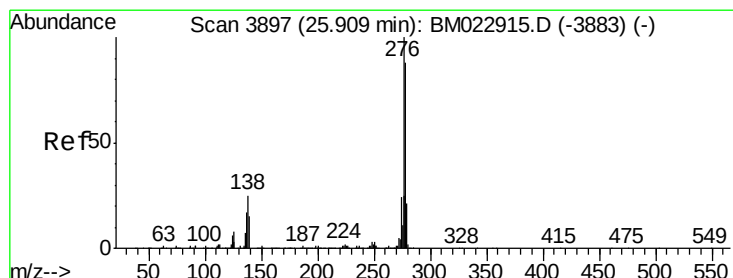
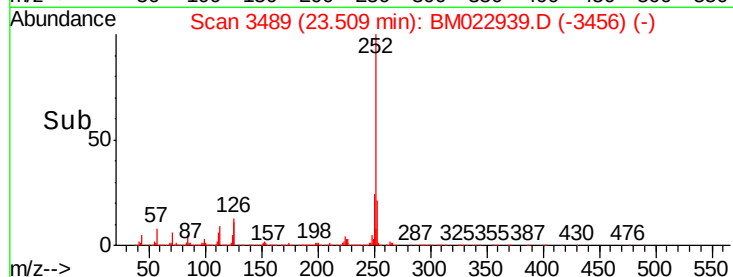
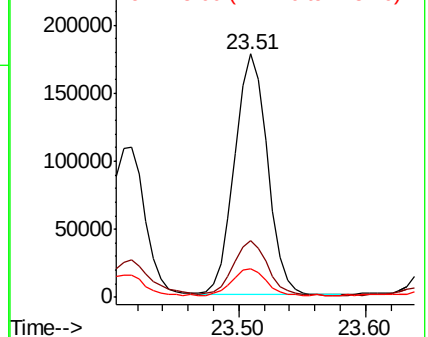


Abundance

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



#92

Indeno(1,2,3-cd)pyrene

Concen: 3.363 ng/ul

RT: 25.90 min Scan# 3895

Delta R.T. -0.01 min

Lab File: BM022939.D

Acq: 04 Oct 2019 03:02

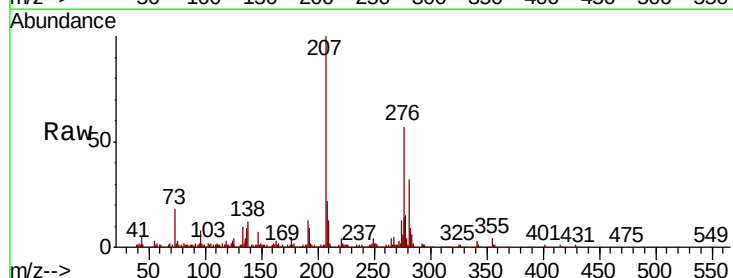
Tgt Ion:276 Resp: 209231

Ion Ratio Lower Upper

276 100

138 20.7 19.8 29.8

277 25.2 20.3 30.5

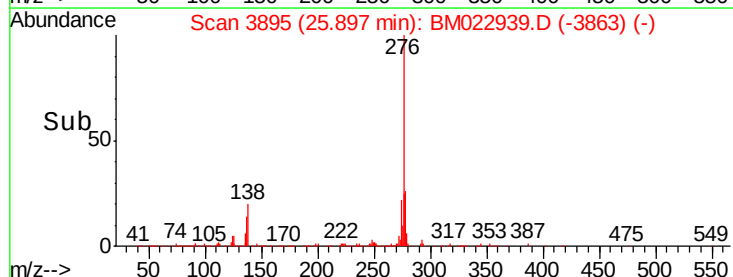
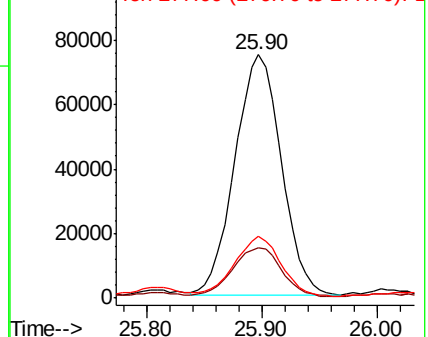


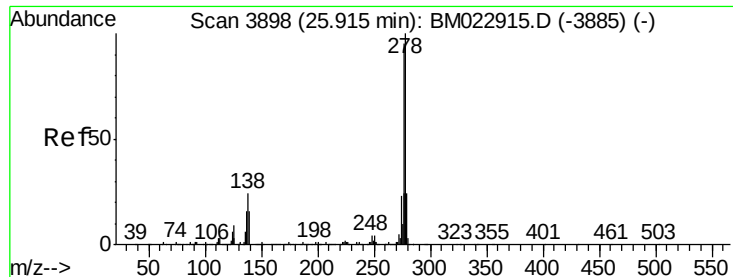
Abundance

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: 1.169 ng/ul

RT: 25.90 min Scan# 3895

Delta R.T. -0.02 min

Lab File: BM022939.D

Acq: 04 Oct 2019 03:02

Instrument :

BNA_M

ClientSampleId :

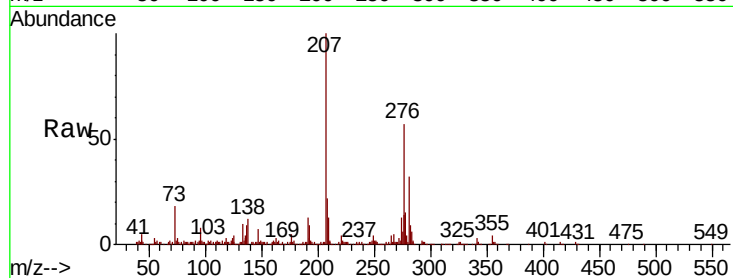
Tot Ion:278 Resp: 60874

Ion Ratio Lower Upper

278 100

139 0.0 13.2 19.8#

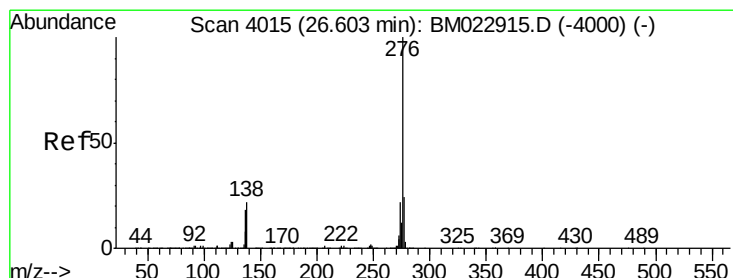
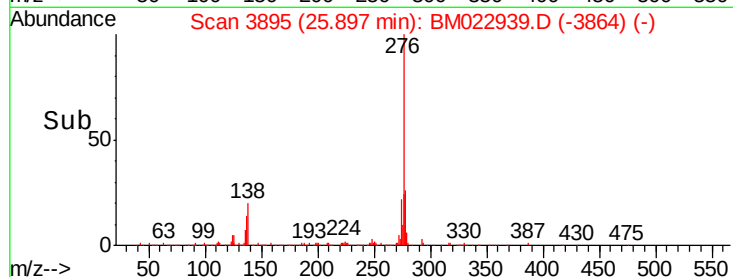
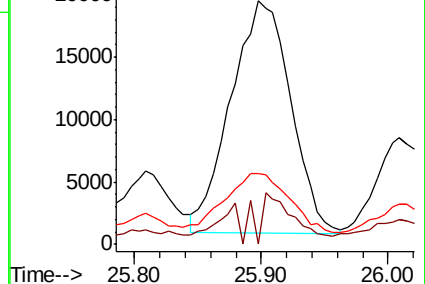
279 29.2 19.0 28.6#



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: 3.733 ng/ul

RT: 26.60 min Scan# 4015

Delta R.T. -0.00 min

Lab File: BM022939.D

Acq: 04 Oct 2019 03:02

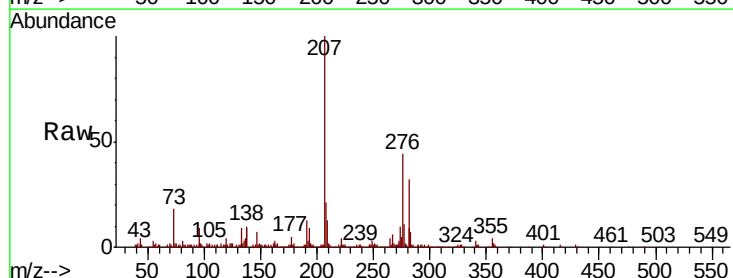
Tgt Ion:276 Resp: 187401

Ion Ratio Lower Upper

276 100

138 21.9 17.6 26.4

277 24.1 19.1 28.7



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

