

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023100.D
 Acq On : 10 Oct 2019 02:19
 Operator : JU
 Sample : K5177-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 10 04:04:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 15:02:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	157447	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	648762	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	361363	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.14	188	702070	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	694070	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	824755	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	13517	3.71	ng/uL	0.00
5) Phenol-d5	6.93	99	245969	17.68	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.10	67	155118	20.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	217857	19.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	187979	16.50	ng/ul	-0.01
19) Nitrobenzene-d5	8.92	128	103176	20.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	108019	19.76	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.17	165	205476	18.88	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.69	131	193620	14.64	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	609785	21.74	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	722256	22.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	53569	9.67	ng/ul	-0.01
58) Fluorene-d10	15.40	176	536713	22.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	56054	12.27	ng/ul	0.00
71) Anthracene-d10	17.24	188	796092	23.22	ng/ul	0.00
79) Pyrene-d10	19.54	212	918020	24.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	1037620	24.32	ng/ul	-0.02

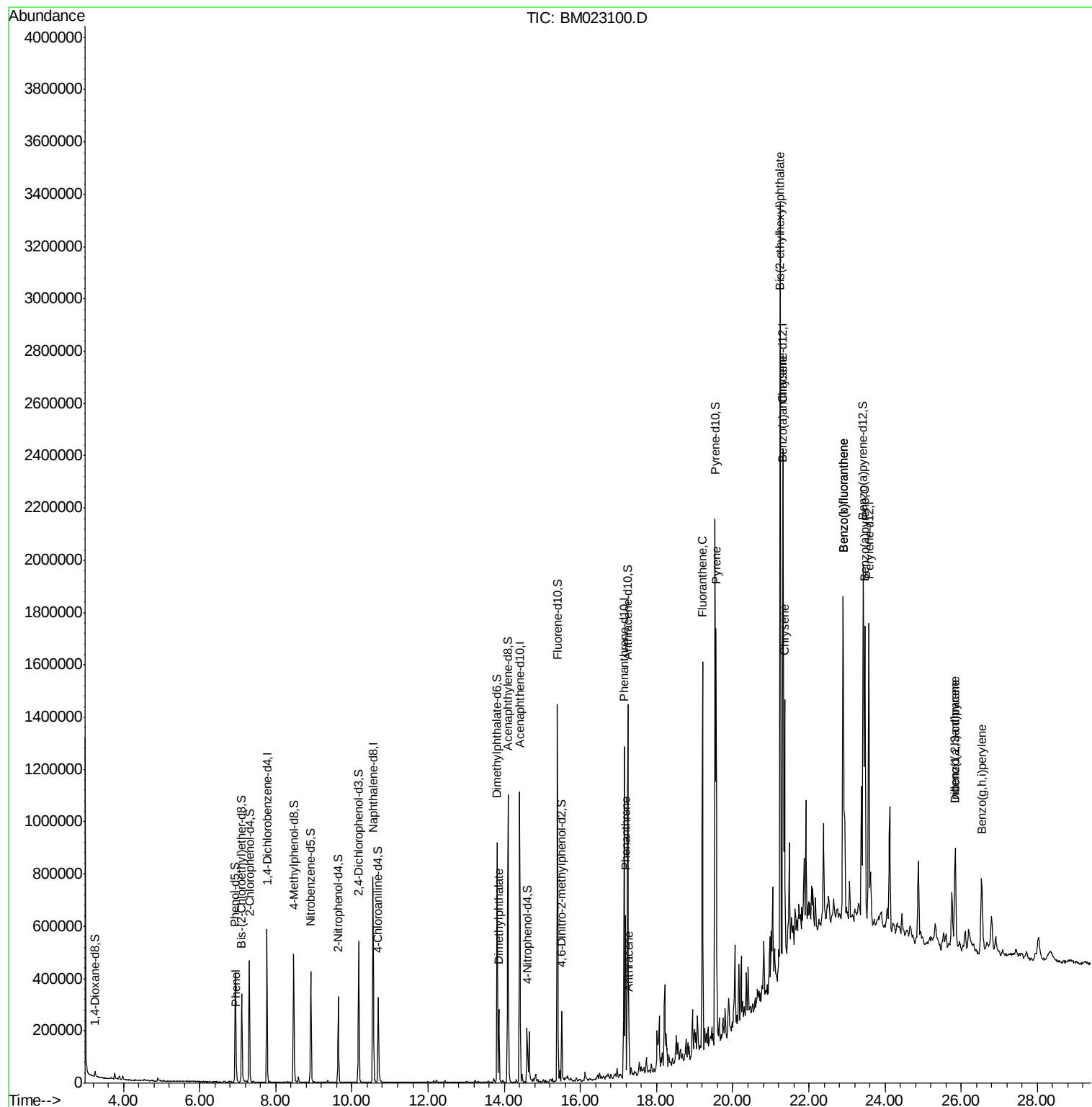
Target Compounds				Ovalue		
6) Phenol	6.96	94	37180	2.549	ng/ul	97
45) Dimethylphthalate	13.86	163	181345	6.295	ng/ul	99
70) Phenanthrene	17.19	178	360244	8.598	ng/ul	99
72) Anthracene	17.27	178	84249	1.973	ng/ul	99
77) Fluoranthene	19.20	202	875339	18.575	ng/ul	99
80) Pyrene	19.56	202	946414	19.236	ng/ul	96
83) Benzo(a)anthracene	21.31	228	543767	10.912	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	991446	34.484	ng/ul	99
85) Chrysene	21.36	228	594401	12.938	ng/ul	99
88) Benzo(b)fluoranthene	22.90	252	710748	12.986	ng/ul	97
89) Benzo(k)fluoranthene	22.90	252	710748	13.573	ng/ul#	96
91) Benzo(a)pyrene	23.47	252	544650	10.607	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.84	276	347870	6.378	ng/ul	95
93) Dibenzo(a,h)anthracene	25.84	278	97632	2.140	ng/ul#	81
94) Benzo(g,h,i)perylene	26.54	276	330589	7.513	ng/ul	100

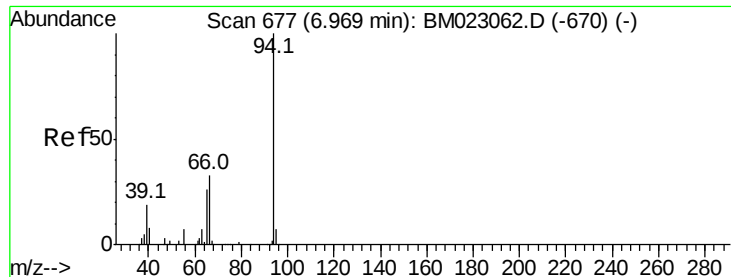
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration





#6

Phenol

Concen: 2.549 ng/ul

RT: 6.96 min Scan# 676

Delta R.T. -0.01 min

Lab File: BM023100.D

Acq: 10 Oct 2019 02:19

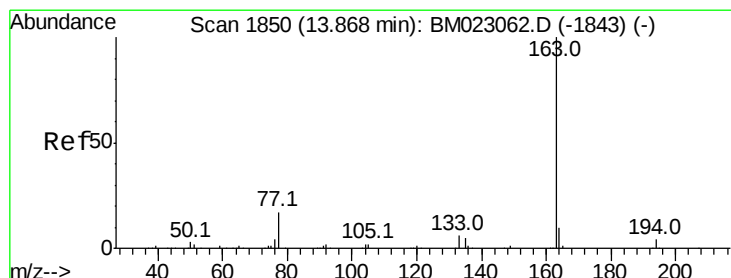
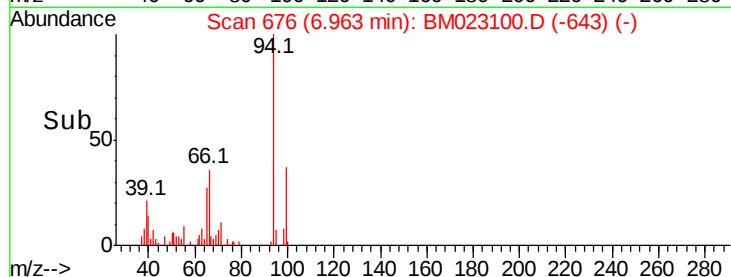
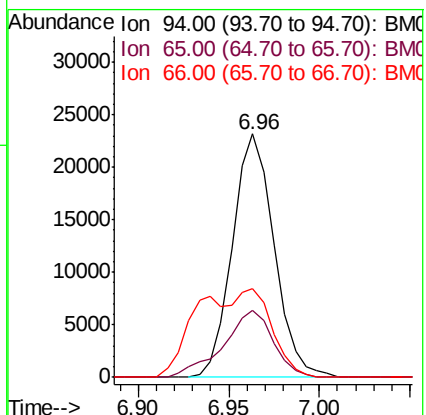
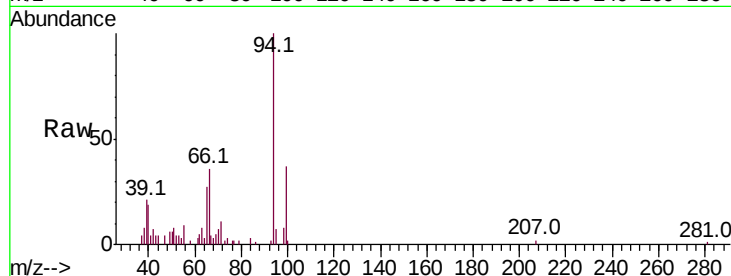
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 94 Resp: 37180

Ion	Ratio	Lower	Upper
94	100		
65	27.4	20.9	31.3
66	36.3	27.2	40.8



#45

Dimethylphthalate

Concen: 6.295 ng/ul

RT: 13.86 min Scan# 1849

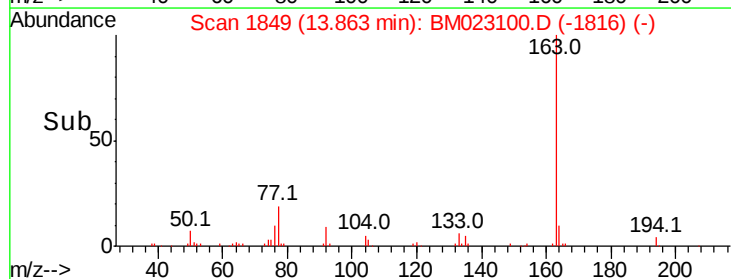
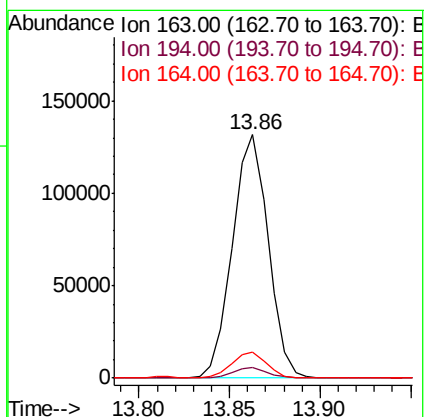
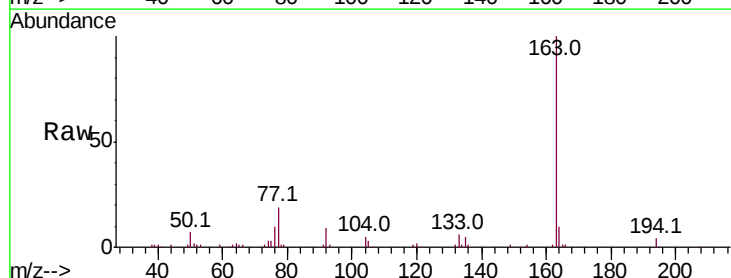
Delta R.T. -0.01 min

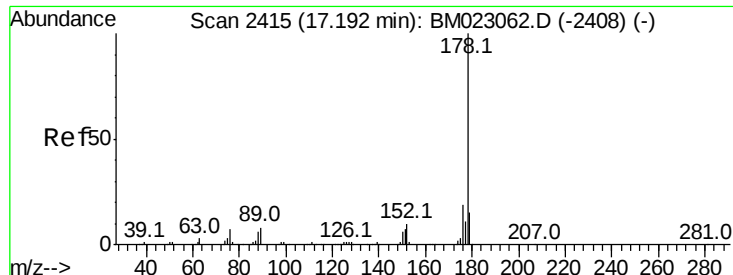
Lab File: BM023100.D

Acq: 10 Oct 2019 02:19

Tgt Ion: 163 Resp: 181345

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.4	8.1	12.1





#70

Phenanthrene

Concen: 8.598 ng/ul

RT: 17.19 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BM023100.D

Acq: 10 Oct 2019 02:19

Instrument :

BNA_M

ClientSampleId :

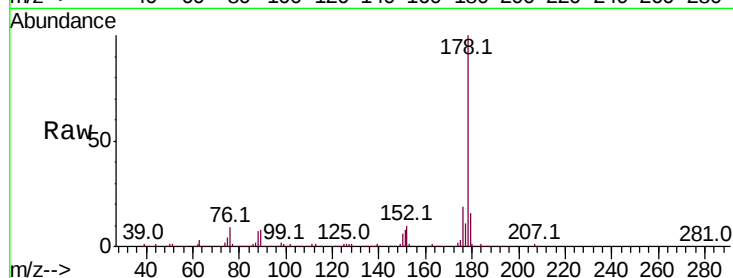
Tot Ion:178 Resp: 360244

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

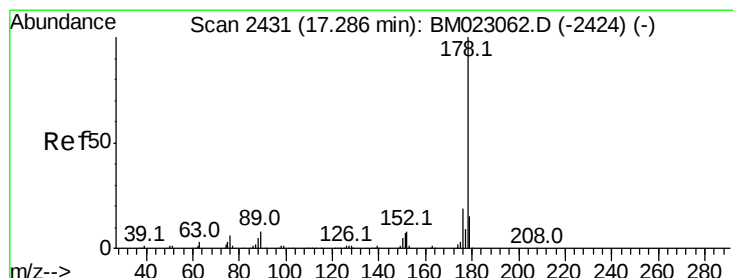
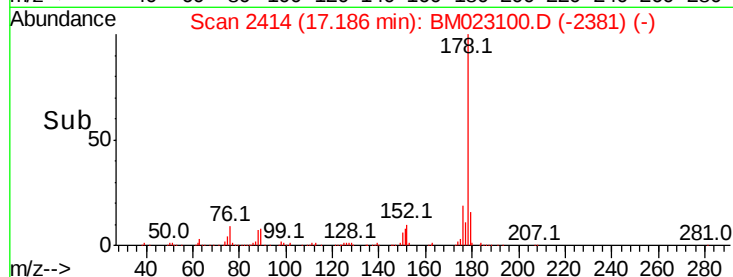
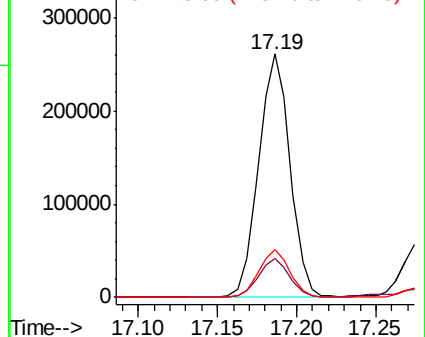
176 19.5 15.3 22.9



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: 1.973 ng/ul

RT: 17.27 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BM023100.D

Acq: 10 Oct 2019 02:19

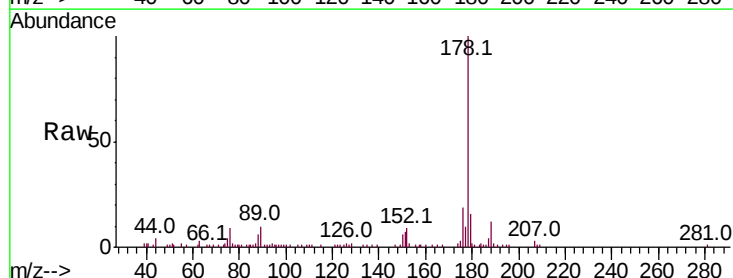
Tgt Ion:178 Resp: 84249

Ion Ratio Lower Upper

178 100

179 15.8 12.4 18.6

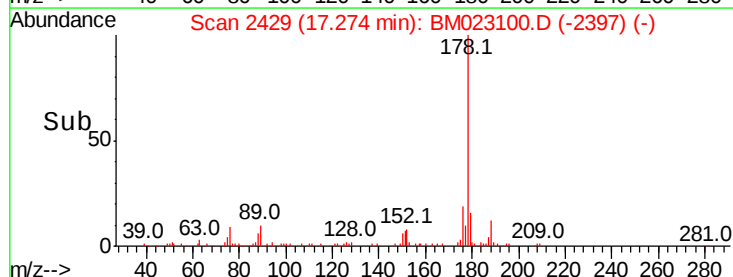
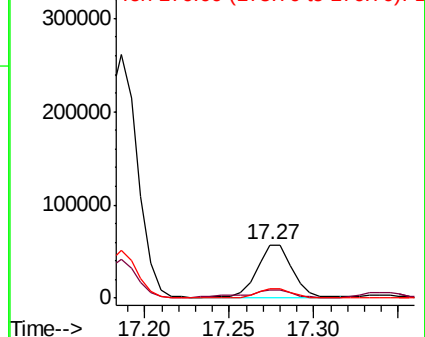
176 18.6 15.0 22.6

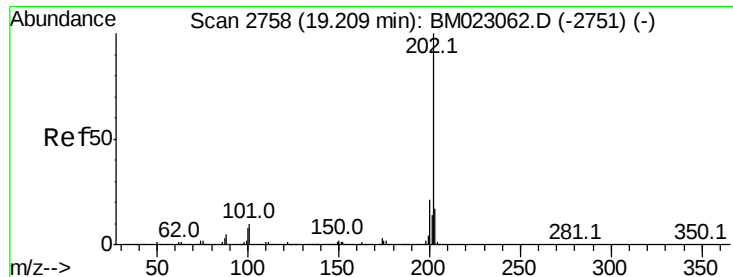


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

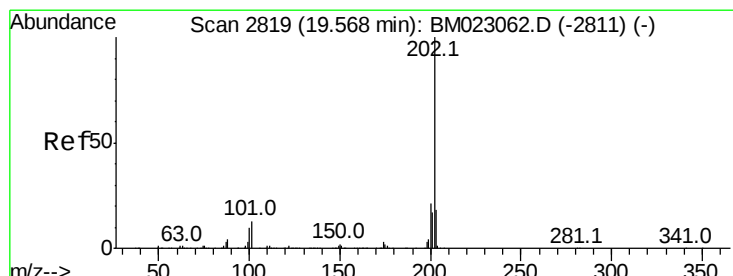
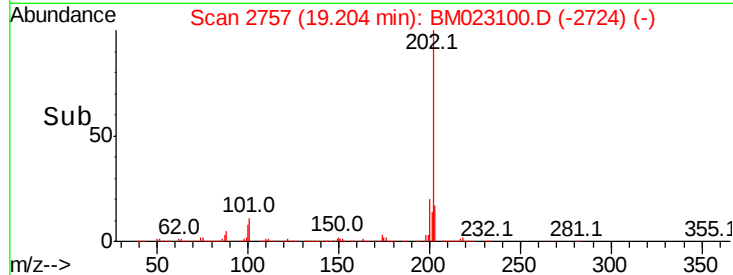
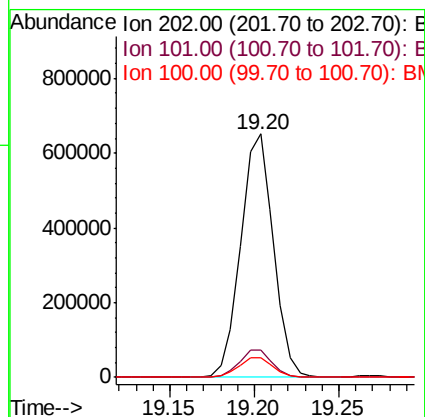
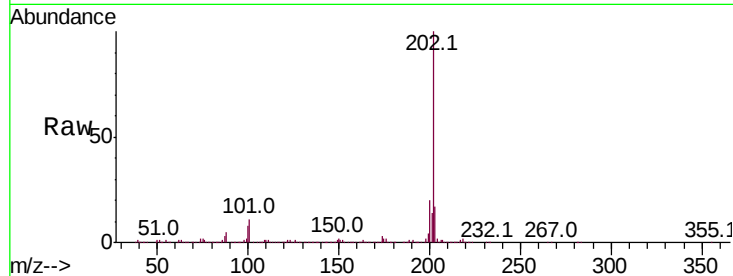




#77
 Fluoranthene
 Concen: 18.575 ng/ul
 RT: 19.20 min Scan# 2757
 Delta R.T. -0.01 min
 Lab File: BM023100.D
 Acq: 10 Oct 2019 02:19

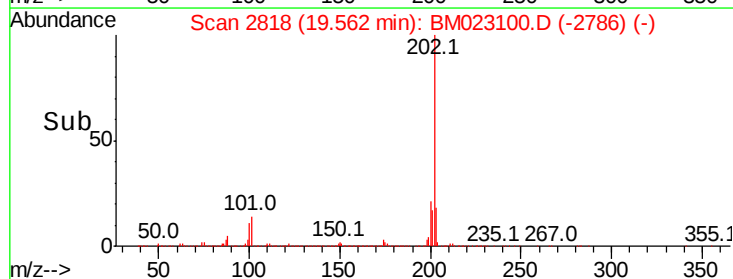
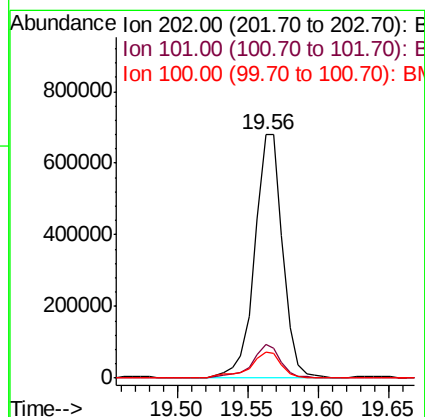
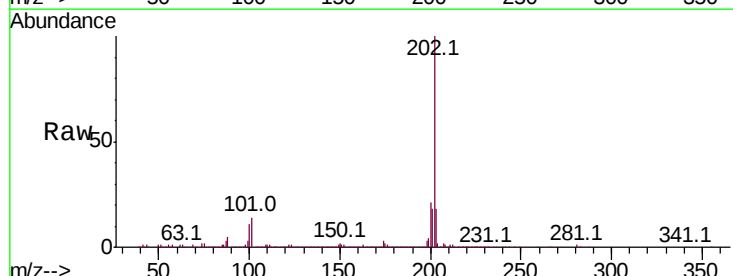
Instrument :
 BNA_M
 ClientSampleId :

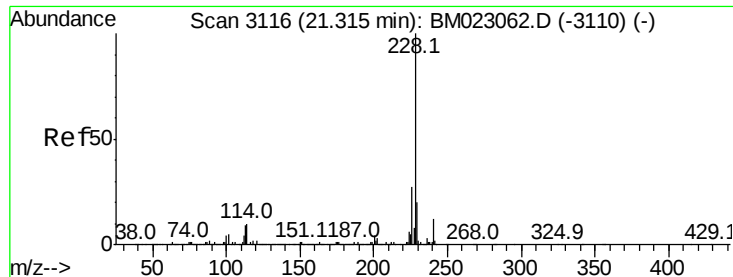
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.6	12.8
100	8.0	6.4	9.6



#80
 Pyrene
 Concen: 19.236 ng/ul
 RT: 19.56 min Scan# 2818
 Delta R.T. -0.01 min
 Lab File: BM023100.D
 Acq: 10 Oct 2019 02:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.7	14.5
100	10.9	7.8	11.8

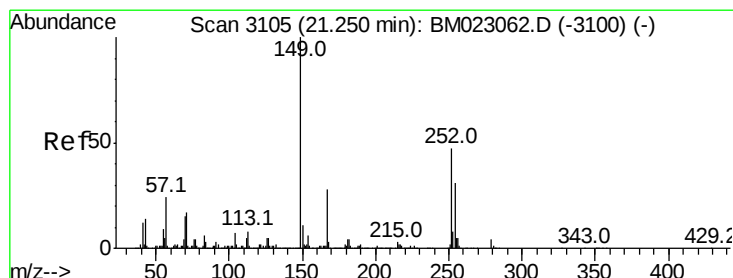
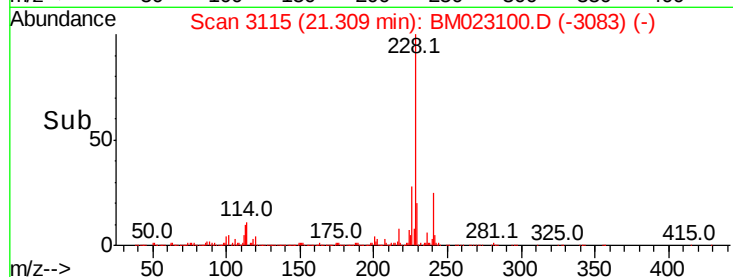
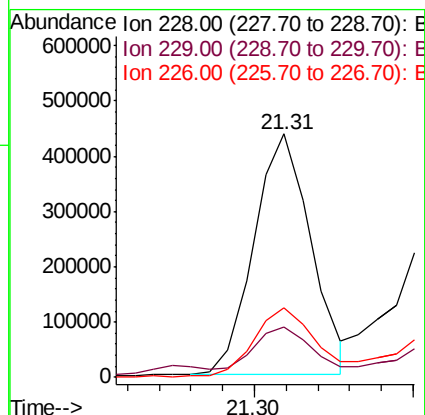
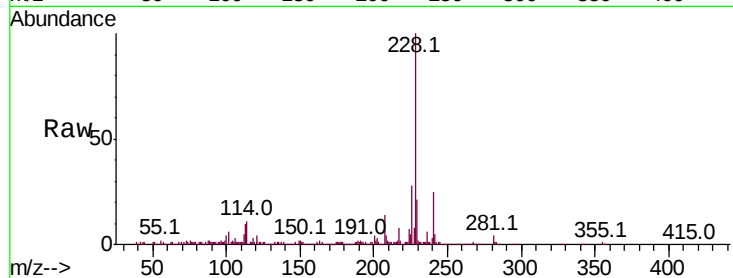




#83
Benzo(a)anthracene
Concen: 10.912 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BM023100.D
Acq: 10 Oct 2019 02:19

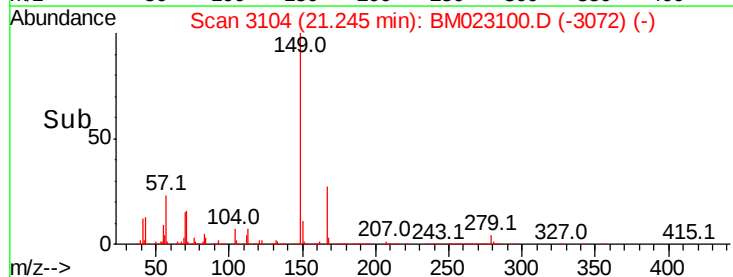
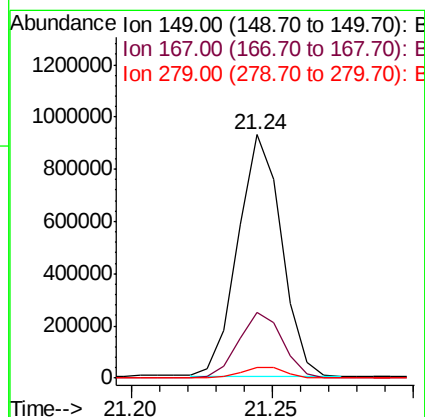
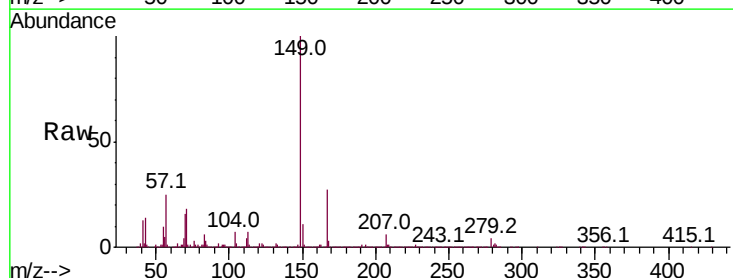
Instrument :
BNA_M
ClientSampleId :

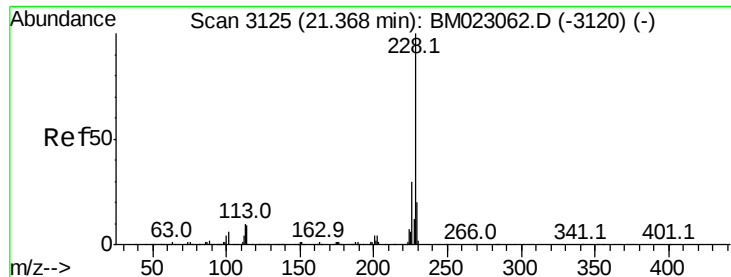
Tot Ion:228 Resp: 543767
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.8
226 28.3 22.4 33.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 34.484 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM023100.D
Acq: 10 Oct 2019 02:19

Tgt Ion:149 Resp: 991446
Ion Ratio Lower Upper
149 100
167 27.0 22.1 33.1
279 4.3 3.3 4.9

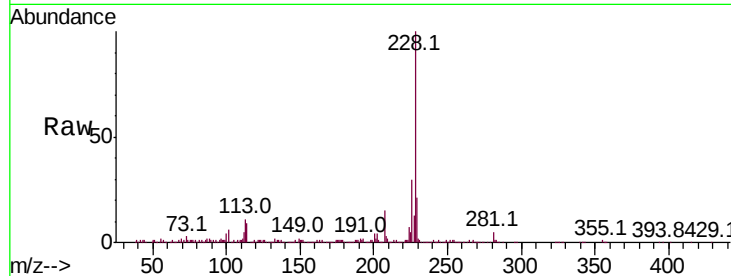




#85
 Chrysene
 Concen: 12.938 ng/ul
 RT: 21.36 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BM023100.D
 Acq: 10 Oct 2019 02:19

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.4
229	21.2	15.9	23.9

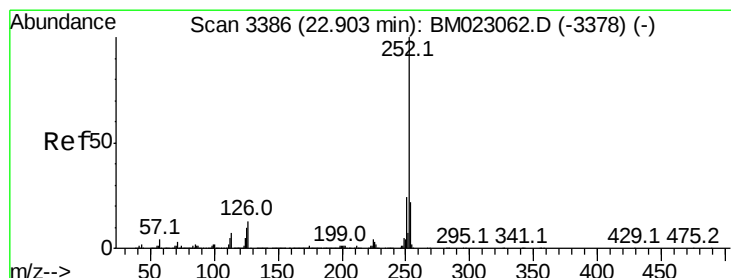
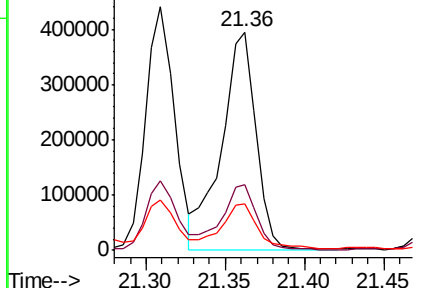
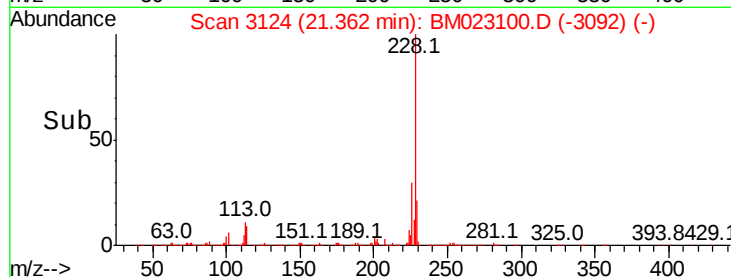


Abundance

Ion 228.00 (227.70 to 228.70): E

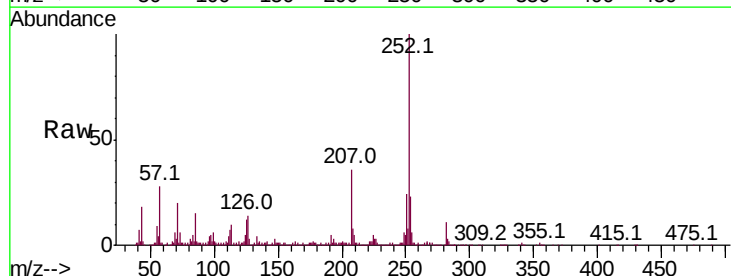
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#88
 Benzo(b)fluoranthene
 Concen: 12.986 ng/ul
 RT: 22.90 min Scan# 3385
 Delta R.T. -0.01 min
 Lab File: BM023100.D
 Acq: 10 Oct 2019 02:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	12.1	8.2	12.2

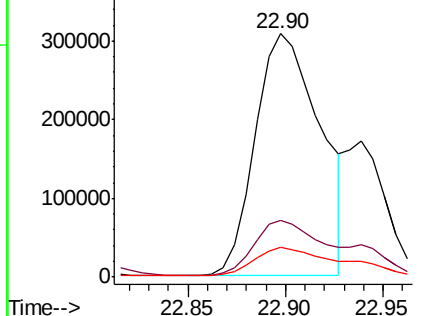
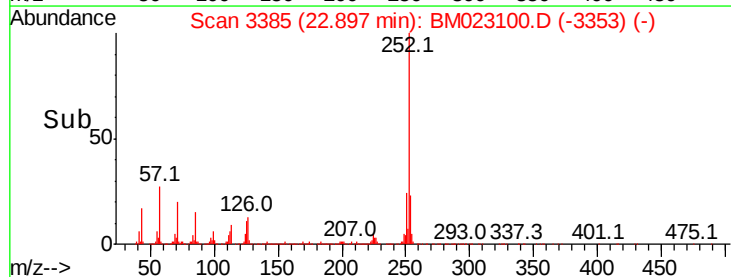


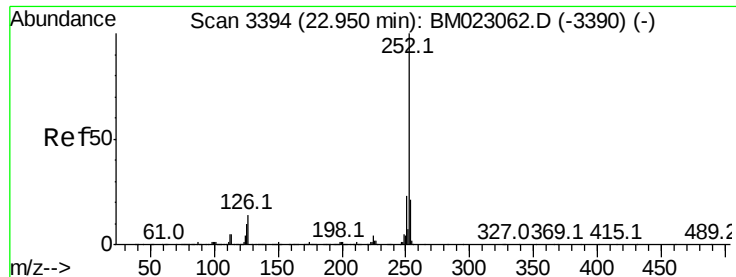
Abundance

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: 13.573 ng/ul

RT: 22.90 min Scan# 3385

Delta R.T. -0.06 min

Lab File: BM023100.D

Acq: 10 Oct 2019 02:19

Instrument :

BNA_M

ClientSampleId :

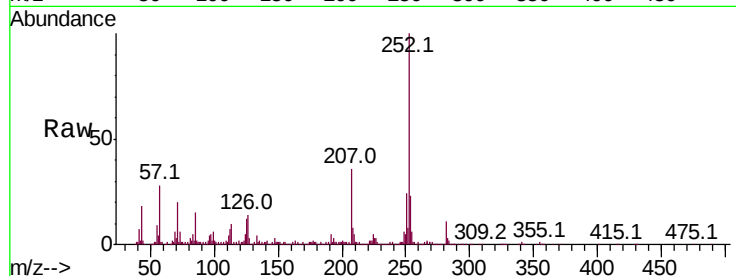
Tot Ion:252 Resp: 710748

Ion Ratio Lower Upper

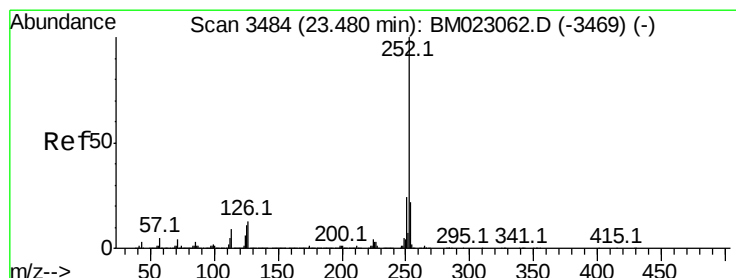
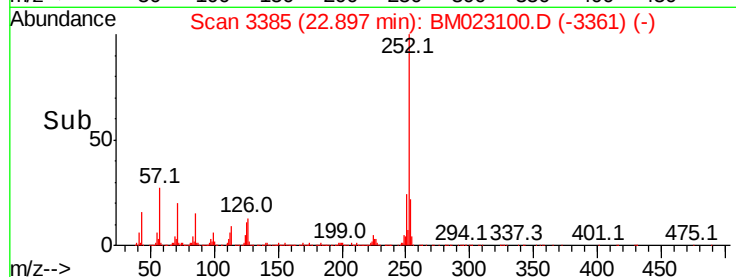
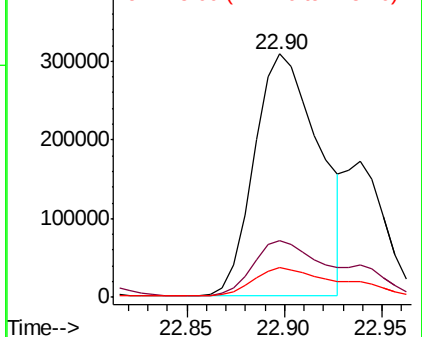
252 100

253 23.1 17.5 26.3

125 12.1 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: 10.607 ng/ul

RT: 23.47 min Scan# 3483

Delta R.T. -0.02 min

Lab File: BM023100.D

Acq: 10 Oct 2019 02:19

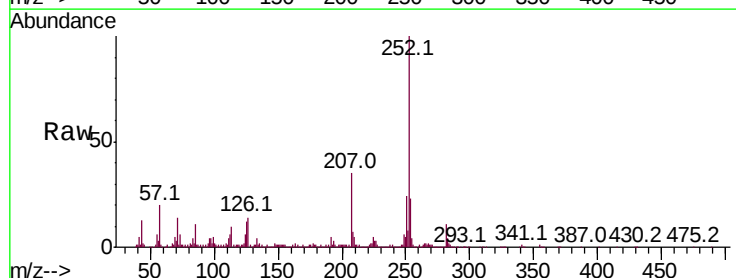
Tgt Ion:252 Resp: 544650

Ion Ratio Lower Upper

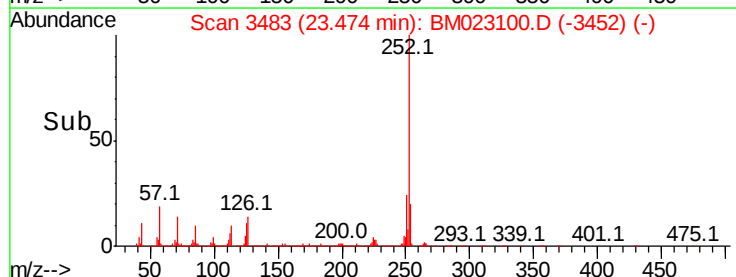
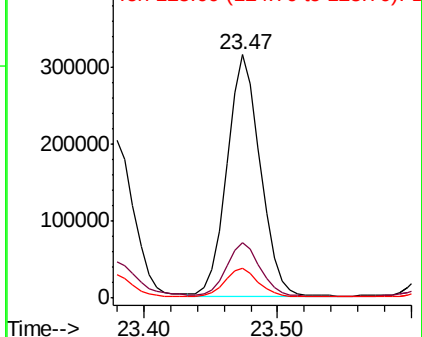
252 100

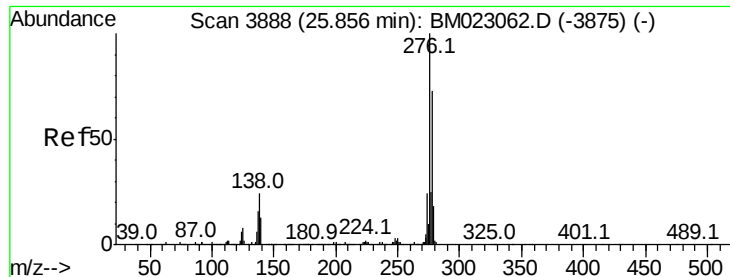
253 22.7 17.6 26.4

125 12.2 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



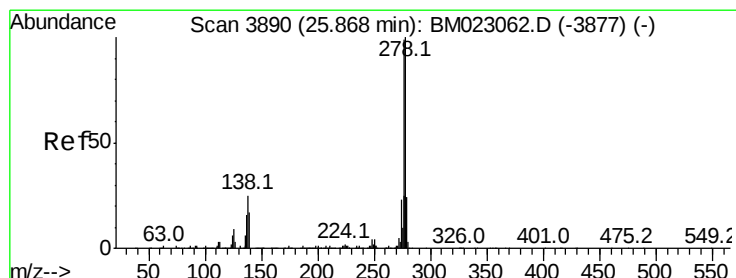
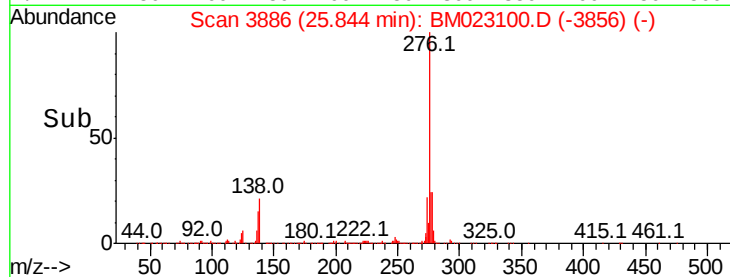
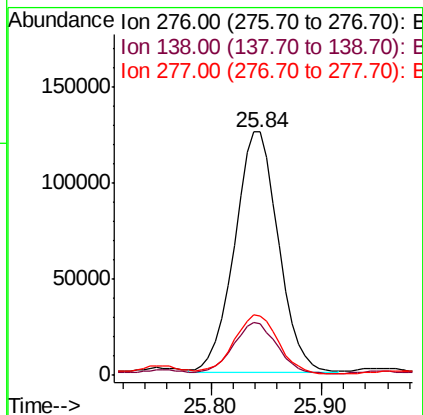
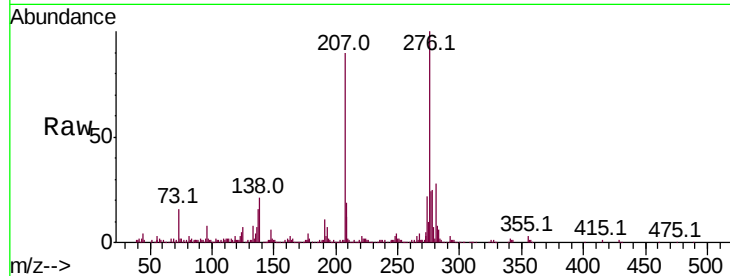


#92

Indeno(1,2,3-cd)pyrene
Concen: 6.378 ng/ul
RT: 25.84 min Scan# 3886
Delta R.T. -0.02 min
Lab File: BM023100.D
Acq: 10 Oct 2019 02:19

Instrument :
BNA_M
ClientSampleId :

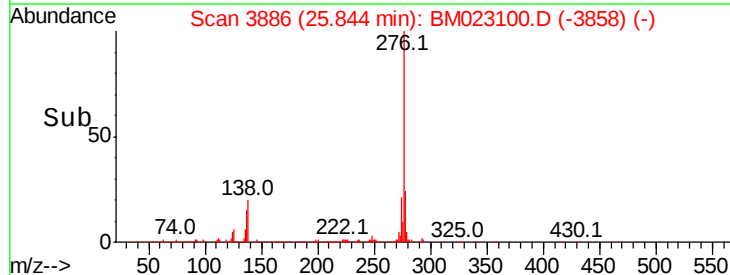
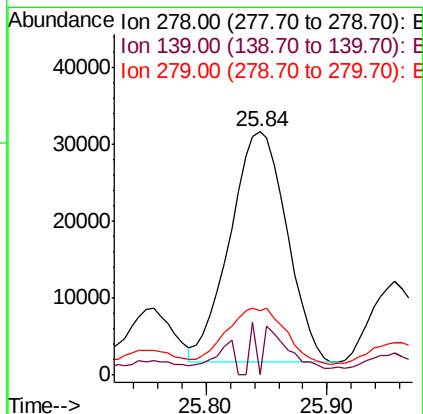
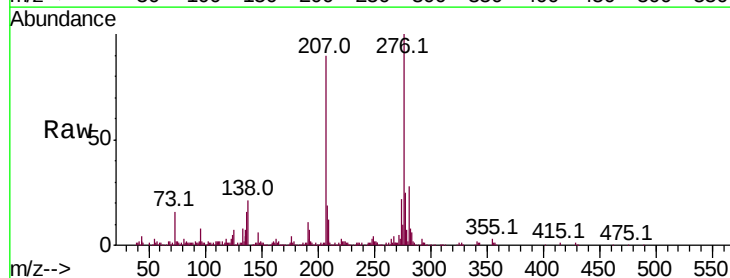
Tot Ion:276 Resp: 347870
Ion Ratio Lower Upper
276 100
138 21.1 19.8 29.8
277 24.3 20.3 30.5

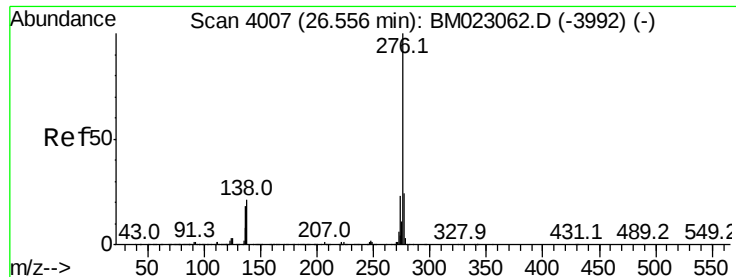


#93

Dibenzo(a,h)anthracene
Concen: 2.140 ng/ul
RT: 25.84 min Scan# 3886
Delta R.T. -0.04 min
Lab File: BM023100.D
Acq: 10 Oct 2019 02:19

Tgt Ion:278 Resp: 97632
Ion Ratio Lower Upper
278 100
139 0.0 13.2 19.8#
279 26.7 19.0 28.6





#94

Benzo(a,h,i)perylene

Concen: 7.513 ng/ul

RT: 26.54 min Scan# 4004

Delta R.T. -0.03 min

Lab File: BM023100.D

Acq: 10 Oct 2019 02:19

Instrument :

BNA_M

ClientSampleId :

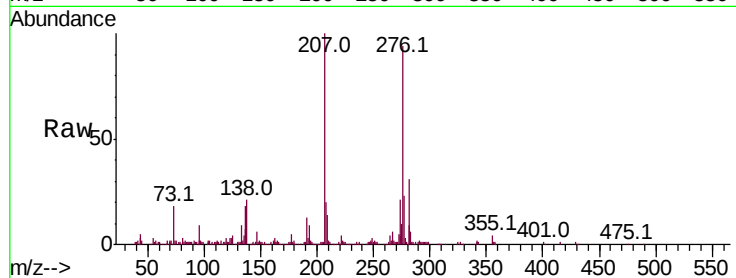
Tot Ion:276 Resp: 330589

Ion Ratio Lower Upper

276 100

138 22.0 17.6 26.4

277 24.2 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

